

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003665.D
 Acq On : 29 Jun 2018 17:15
 Operator : SY/AP
 Sample : J3762-02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2018

Manual Integrations
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apatel
 7/2/2018 10:30:54 AM

Quant Time: Jun 30 04:43:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	198286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	313139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	156359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120879	56.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.56%	
35) Dibromofluoromethane	7.88	113	104641	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
50) Toluene-d8	10.33	98	406567	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.63	95	146394	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	6941m	11.58	ug/l	
3) Chloromethane	2.21	50	16650	10.99	ug/l	100
4) Vinyl Chloride	2.36	62	23326	10.56	ug/l	99
5) Bromomethane	2.77	94	16458	11.21	ug/l	86
6) Chloroethane	2.92	64	14375	9.35	ug/l	98
7) Trichlorofluoromethane	3.25	101	14058	10.63	ug/l	97
8) Diethyl Ether	3.67	74	12116	12.47	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22167	12.07	ug/l	98
10) Methyl Iodide	4.26	142	30770	11.08	ug/l	99
11) Tert butyl alcohol	5.21	59	8789	76.30	ug/l #	79
12) 1,1-Dichloroethene	4.03	96	20511	11.43	ug/l	96
13) Acrolein	3.90	56	6074	36.88	ug/l	93
14) Allyl chloride	4.66	41	35858	11.53	ug/l	98
15) Acrylonitrile	5.37	53	27505	68.80	ug/l	99
16) Acetone	4.14	43	33943	75.35	ug/l	100
17) Carbon Disulfide	4.37	76	58090	10.95	ug/l	97
18) Methyl Acetate	4.67	43	14174	13.26	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	40465	12.04	ug/l	97
20) Methylene Chloride	4.91	84	32865	14.57	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	22877	11.71	ug/l	94
22) Diisopropyl ether	6.32	45	74252	11.87	ug/l	98
23) Vinyl Acetate	6.26	43	215986	59.90	ug/l	99
24) 1,1-Dichloroethane	6.21	63	45117	12.15	ug/l	96
25) 2-Butanone	7.18	43	40891	73.00	ug/l	93
26) 2,2-Dichloropropane	7.17	77	28904	11.66	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	25355	11.82	ug/l	97
28) Bromochloromethane	7.51	49	16648	10.77	ug/l	95
29) Tetrahydrofuran	7.54	42	23879	69.76	ug/l	95
30) Chloroform	7.67	83	46552	12.30	ug/l	98
31) Cyclohexane	7.95	56	40736	11.74	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	36736	11.76	ug/l	99
36) 1,1-Dichloropropene	8.09	75	35210	11.64	ug/l	100
37) Ethyl Acetate	7.26	43	16736	13.36	ug/l	99
38) Carbon Tetrachloride	8.07	117	33908	11.43	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	37154	10.62	ug/l	93
40) Benzene	8.32	78	99801	11.97	ug/l	98
41) Methacrylonitrile	7.49	41	9083	11.81	ug/l	94
42) 1,2-Dichloroethane	8.40	62	31994	12.25	ug/l	100
43) Isopropyl Acetate	8.43	43	32218	12.95	ug/l	100
44) Trichloroethene	9.09	130	25810	11.69	ug/l	97
45) 1,2-Dichloropropane	9.37	63	25707	12.11	ug/l	99
46) Dibromomethane	9.46	93	13838	12.73	ug/l	95
47) Bromodichloromethane	9.65	83	33003	11.85	ug/l	97
48) Methyl methacrylate	9.45	41	14587	12.48	ug/l	99
49) 1,4-Dioxane	9.48	88	4123	251.30	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	83752	66.07	ug/l	99
52) Toluene	10.39	92	64441	12.06	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	33147	11.65	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	36903	11.40	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	19670	12.85	ug/l	99
56) Ethyl methacrylate	10.65	69	21905	11.78	ug/l	99
57) 1,3-Dichloropropane	10.94	76	33327	12.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	47858	57.42	ug/l	98
59) 2-Hexanone	10.98	43	58768	66.37	ug/l	99
60) Dibromochloromethane	11.13	129	21816	11.98	ug/l	100
61) 1,2-Dibromoethane	11.24	107	17687	12.21	ug/l	98
64) Tetrachloroethene	10.87	164	23066	11.94	ug/l	93
65) Chlorobenzene	11.66	112	70545	11.72	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	24630	11.65	ug/l	97
67) Ethyl Benzene	11.74	91	118355	11.10	ug/l	98
68) m/p-Xylenes	11.84	106	90119	22.23	ug/l	99
69) o-Xylene	12.17	106	40549	10.79	ug/l	97
70) Styrene	12.19	104	69004	11.03	ug/l	100
71) Bromoform	12.35	173	13093	11.95	ug/l #	99
73) Isopropylbenzene	12.47	105	115026	10.58	ug/l	99
74) N-amyl acetate	12.28	43	29047	11.73	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	24190	13.15	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	16289m	12.19	ug/l	
77) Bromobenzene	12.76	156	28268	11.16	ug/l	94
78) n-propylbenzene	12.81	91	148678	11.16	ug/l	100
79) 2-Chlorotoluene	12.90	91	83234	11.06	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	99956	10.95	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6583	11.33	ug/l	91
82) 4-Chlorotoluene	12.99	91	91392	11.45	ug/l	99
83) tert-Butylbenzene	13.21	119	82593	10.62	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	102643	10.93	ug/l	100
85) sec-Butylbenzene	13.39	105	124013	10.72	ug/l	99
86) p-Isopropyltoluene	13.51	119	108487	10.64	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	59755	11.48	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	59323	11.47	ug/l	97
89) n-Butylbenzene	13.83	91	107889	10.85	ug/l	98
90) Hexachloroethane	14.10	117	20171	10.93	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	54143	11.88	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4035	13.03	ug/l	94

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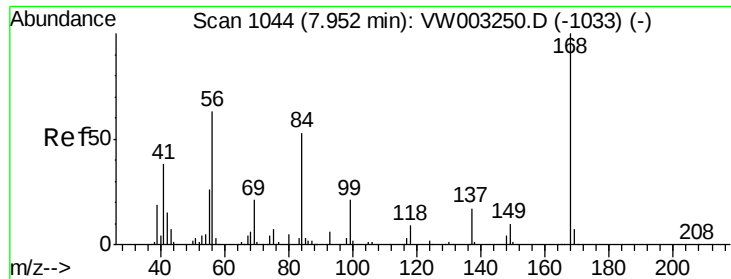
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	36078	11.28	ug/l	100
94) Hexachlorobutadiene	15.25	225	21393	11.12	ug/l	96
95) Naphthalene	15.38	128	60994	11.24	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	31782	11.28	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion:168 Resp: 198286

Ion Ratio Lower Upper

168 100

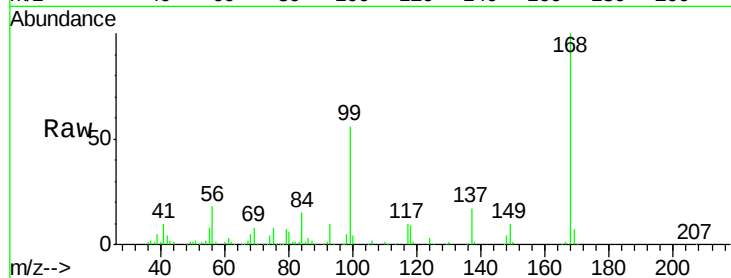
99 56.5 45.5 68.3

Manual Integrations

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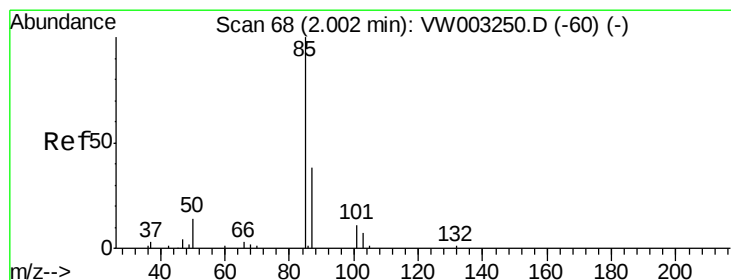
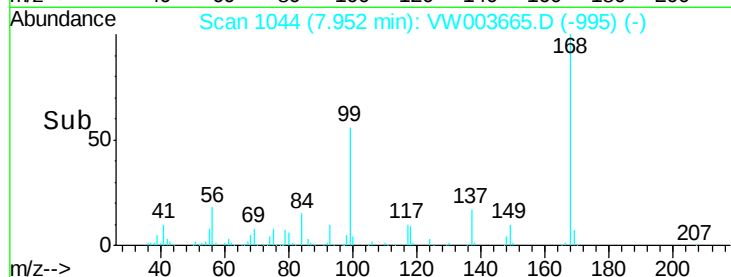
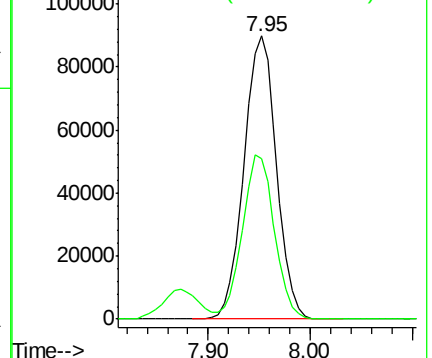
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 11.58 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003665.D

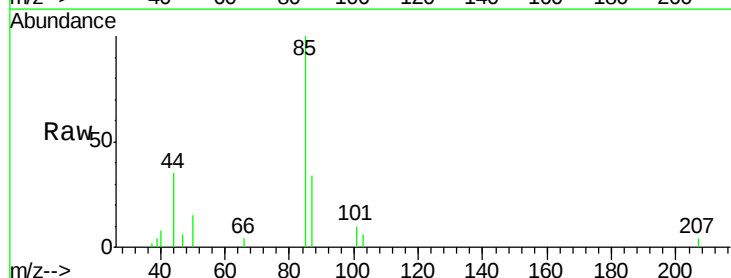
Acq: 29 Jun 2018 17:15

Tgt Ion: 85 Resp: 6941

Ion Ratio Lower Upper

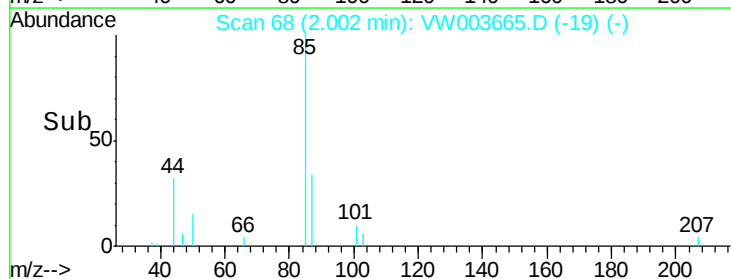
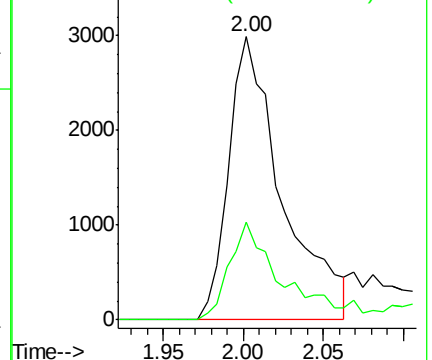
85 100

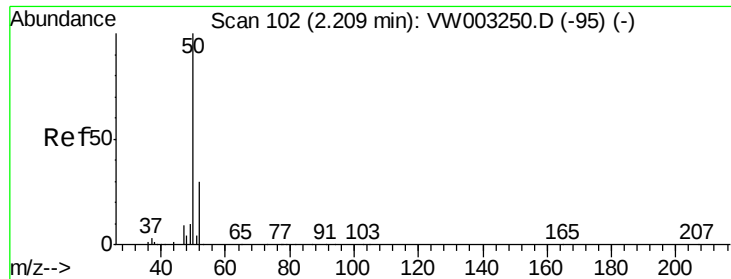
87 34.4 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 10.99 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion: 50 Resp: 16650

Ion Ratio Lower Upper

50 100

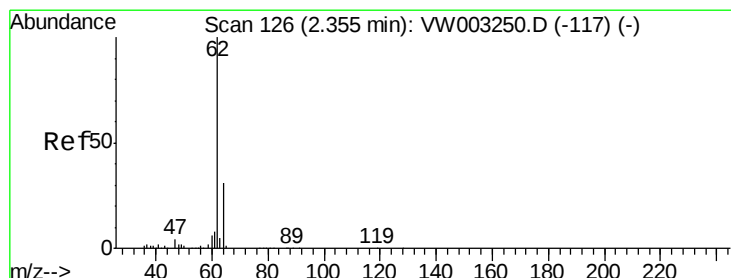
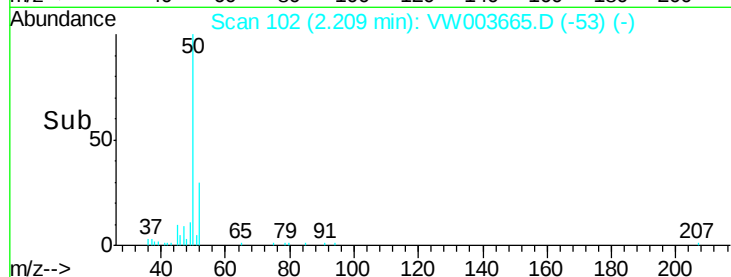
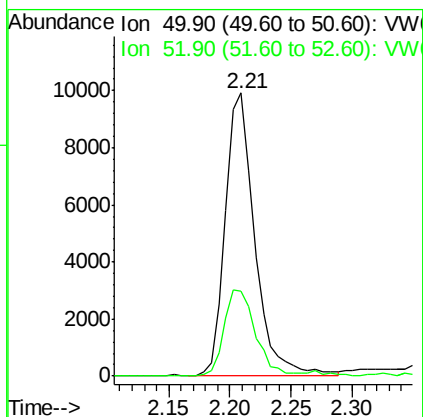
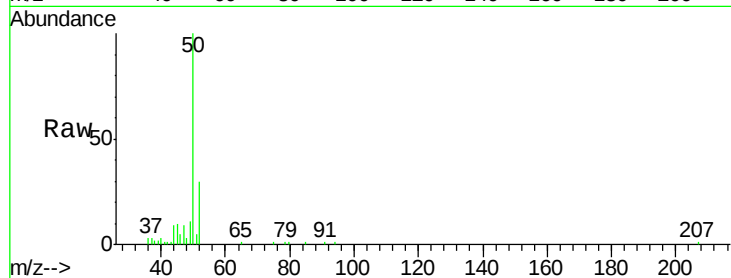
52 30.1 24.2 36.2

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#4

Vinyl Chloride

Concen: 10.56 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003665.D

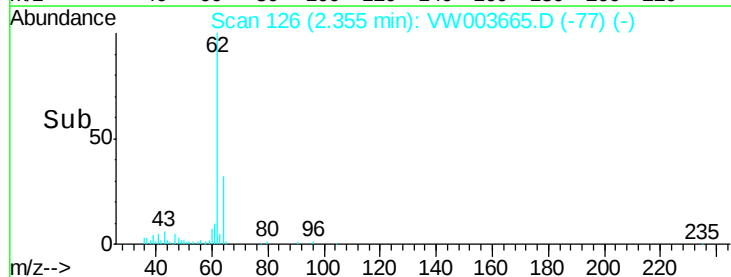
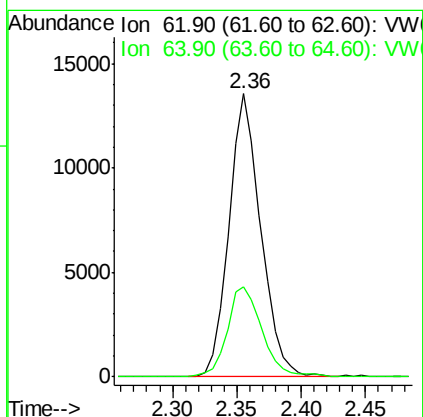
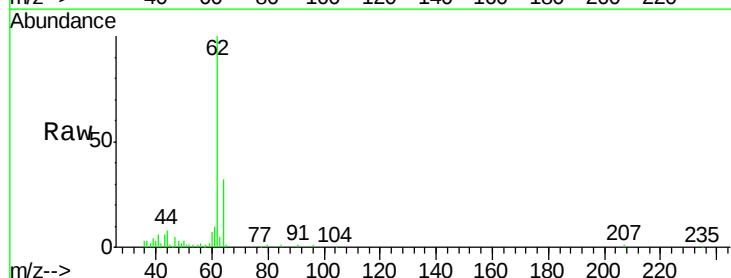
Acq: 29 Jun 2018 17:15

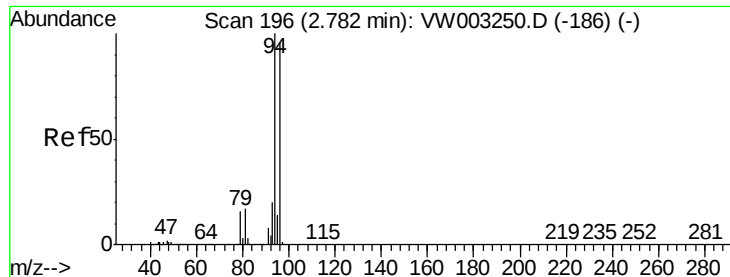
Tgt Ion: 62 Resp: 23326

Ion Ratio Lower Upper

62 100

64 31.7 24.9 37.3





#5

Bromomethane

Concen: 11.21 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion: 94 Resp: 16458

Ion Ratio Lower Upper

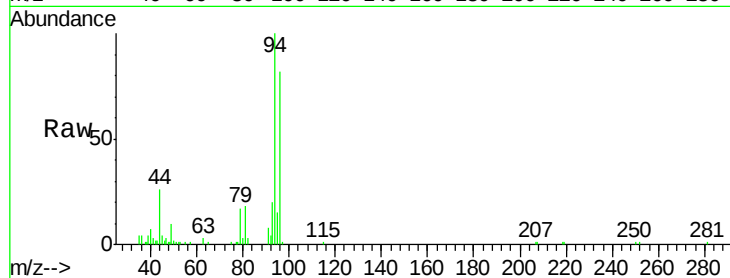
94 100

96 81.7 76.5 114.7

Manual Integrations
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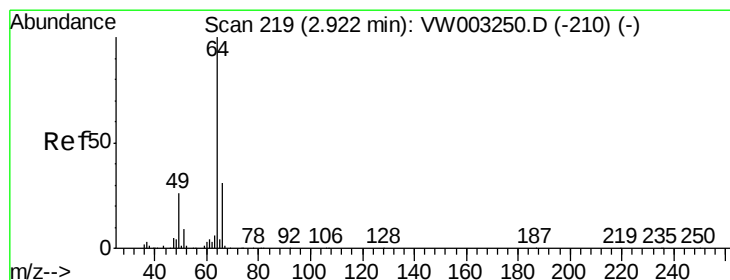
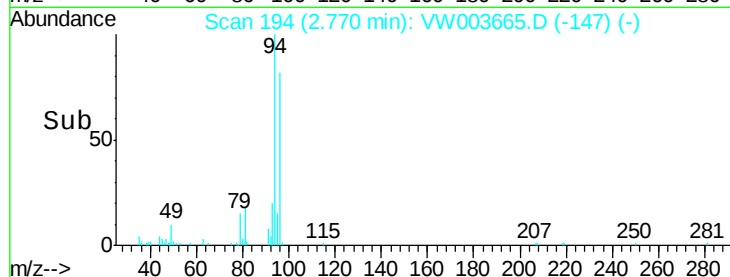
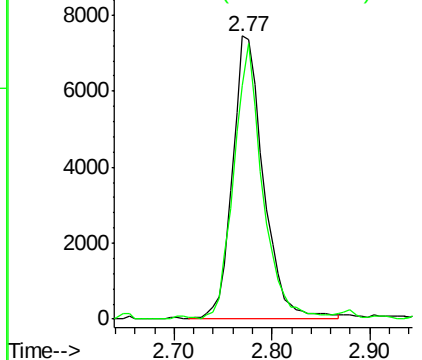
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 9.35 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003665.D

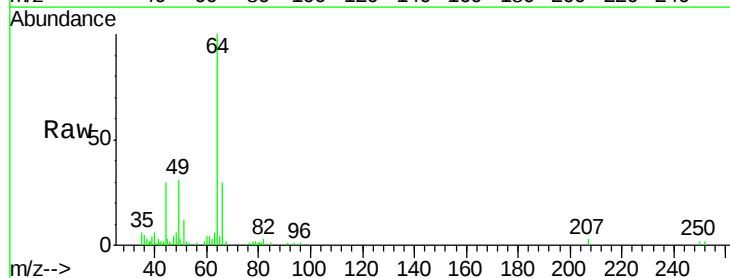
Acq: 29 Jun 2018 17:15

Tgt Ion: 64 Resp: 14375

Ion Ratio Lower Upper

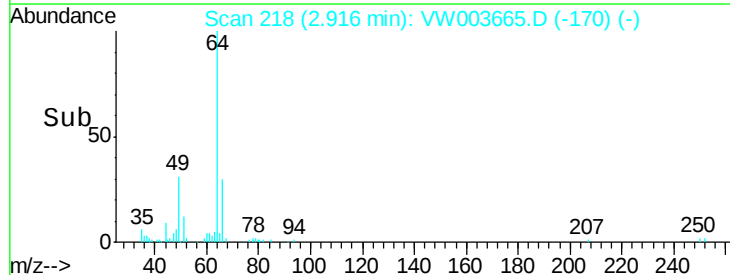
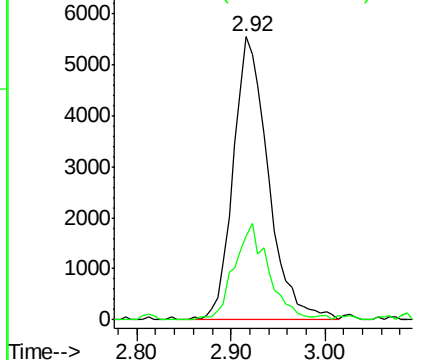
64 100

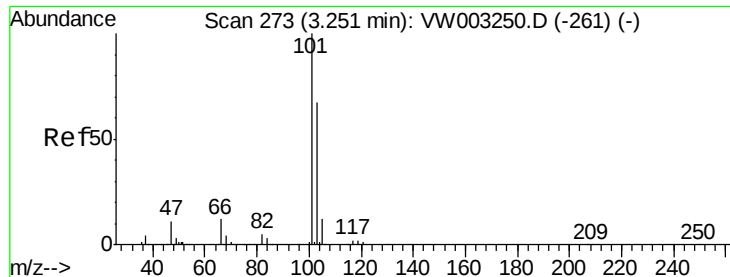
66 29.6 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

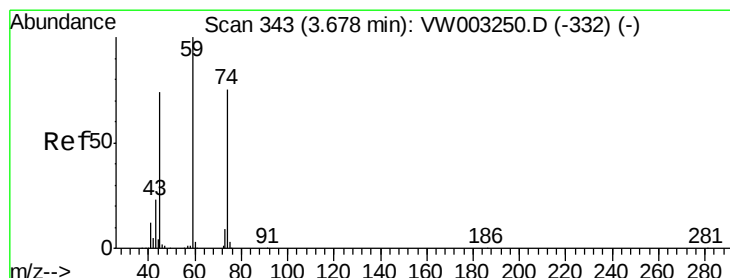
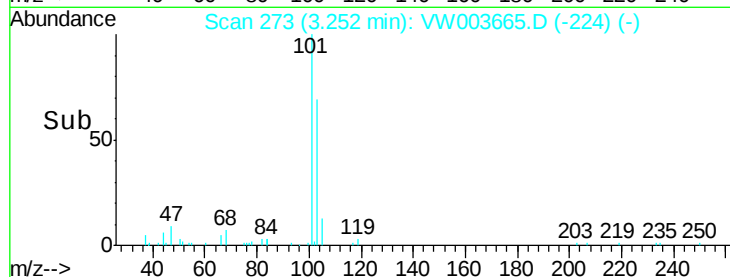
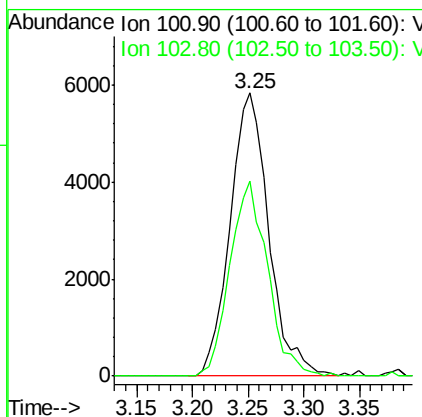
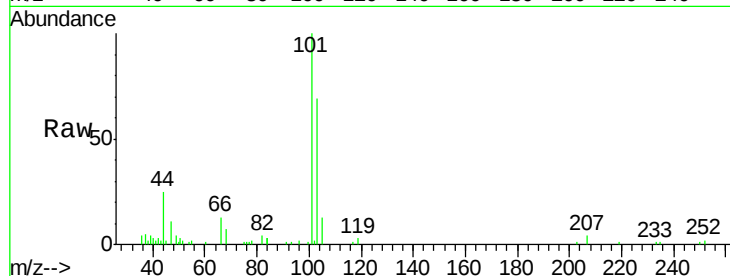
Trichlorofluoromethane
Concen: 10.63 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

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Tot Ion	Ratio	Lower	Upper
101	100		
103	69.0	53.4	80.0

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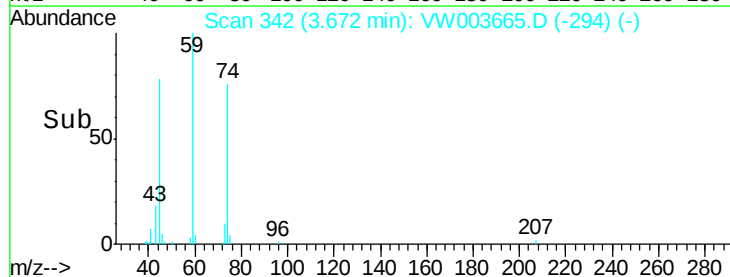
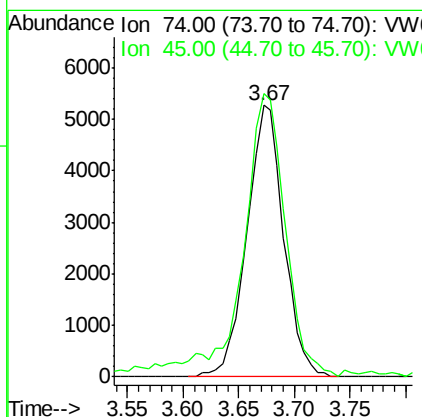
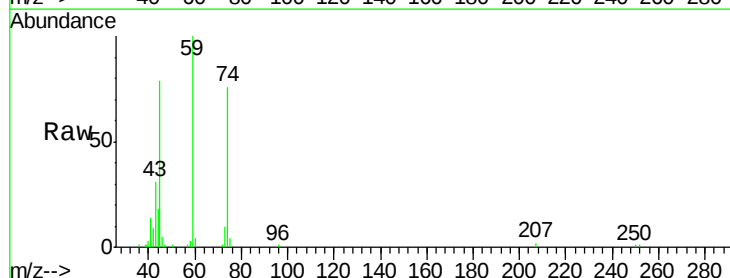
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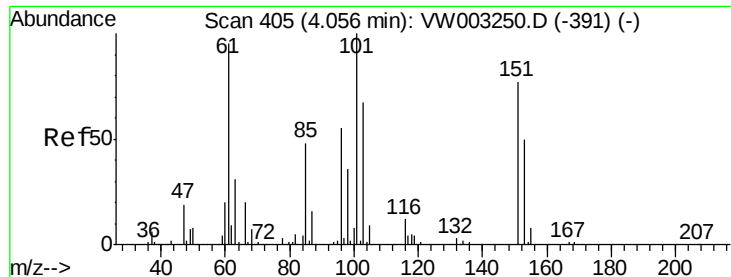


#8

Diethyl Ether
Concen: 12.47 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	123.1	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.07 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

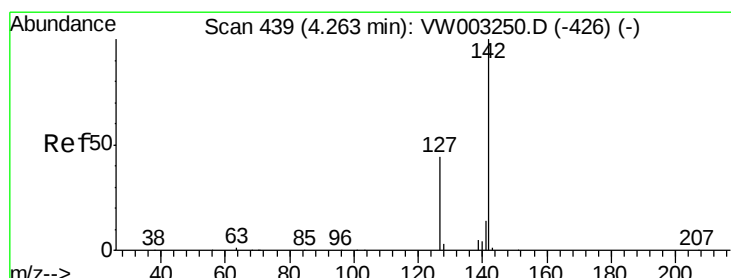
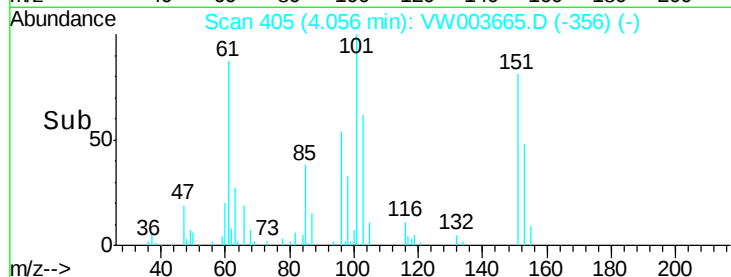
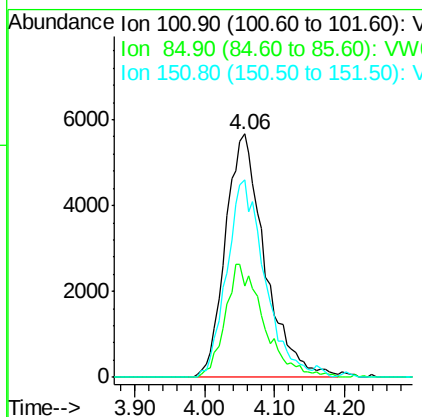
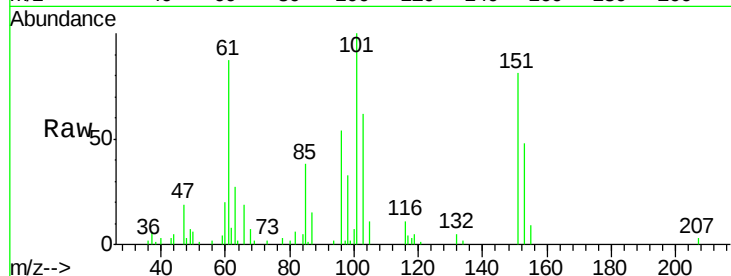
ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion:	101	Resp:	22167
Ion Ratio	Lower	Upper	
101	100		
85	44.7	37.0	55.6
151	78.2	63.3	94.9

Manual Integrations
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#10

Methyl Iodide

Concen: 11.08 ug/l

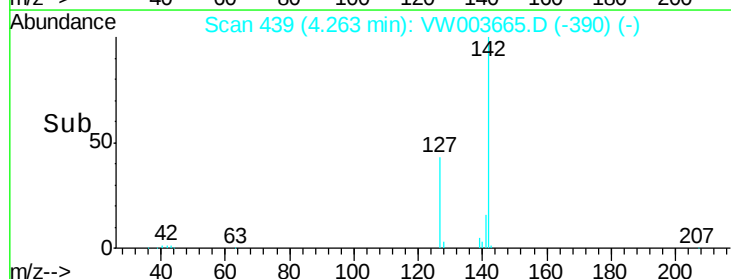
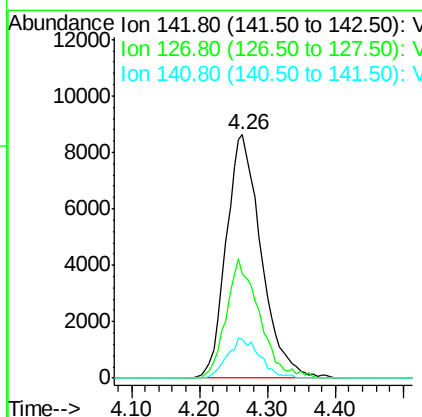
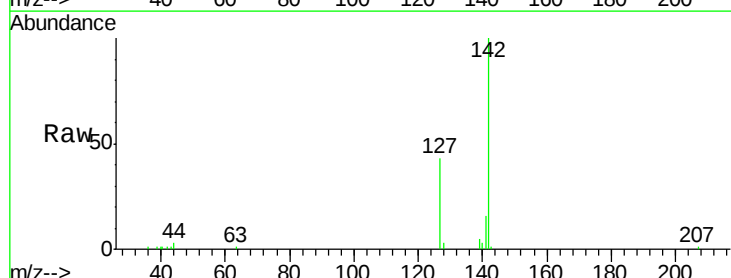
RT: 4.26 min Scan# 439

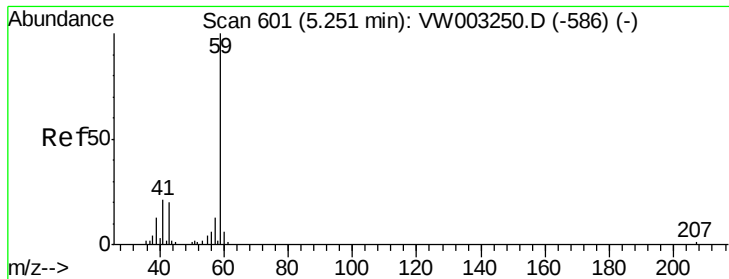
Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Tgt Ion:	142	Resp:	30770
Ion Ratio	Lower	Upper	
142	100		
127	46.6	36.5	54.7
141	15.2	12.1	18.1





#11

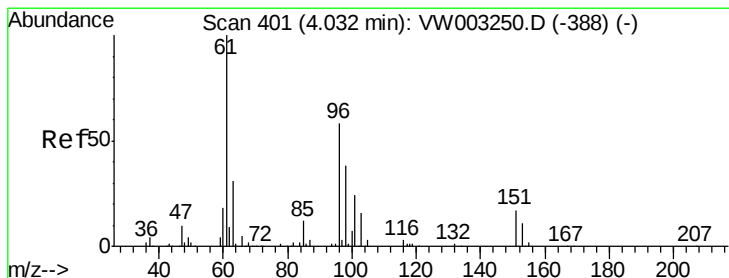
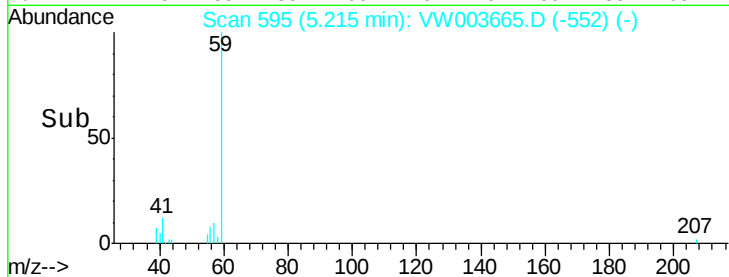
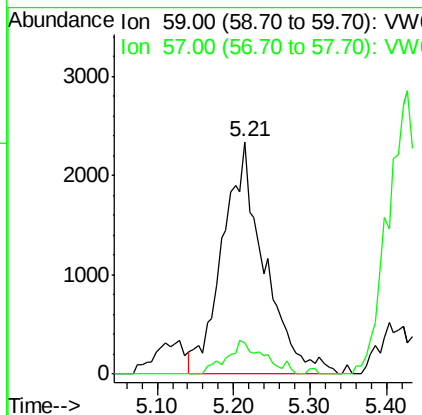
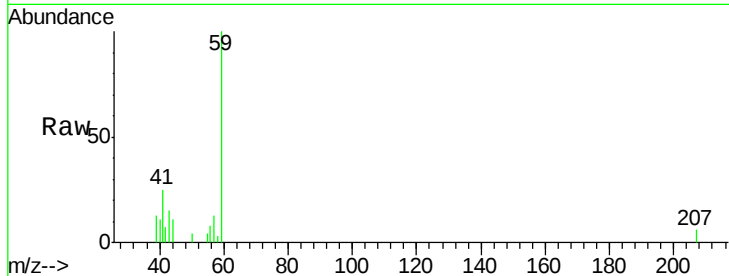
Tert butyl alcohol
Concen: 76.30 ug/l
RT: 5.21 min Scan# 595
Delta R.T. -0.04 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.0	4.2	6.2#

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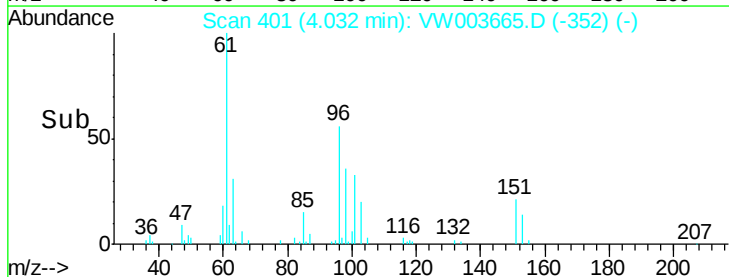
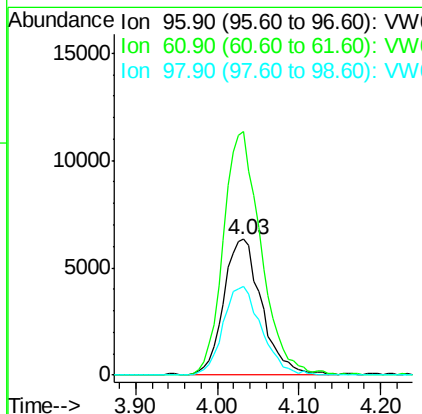
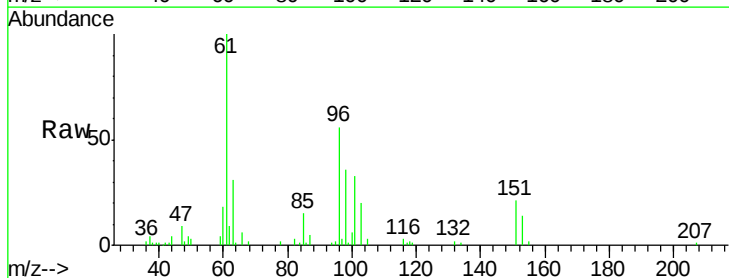
apatel
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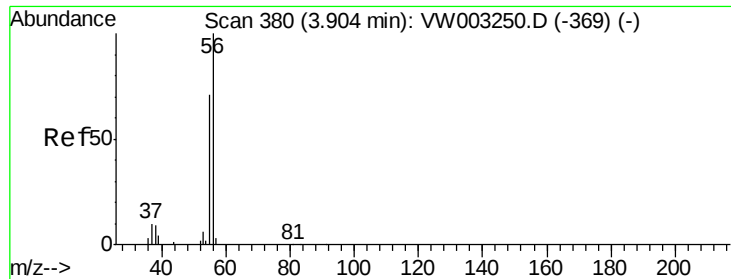


#12

1,1-Dichloroethene
Concen: 11.43 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.5	139.0	208.4
98	65.2	53.3	79.9





#13

Acrolein

Concen: 36.88 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion: 56 Resp: 6074

Ion Ratio Lower Upper

56 100

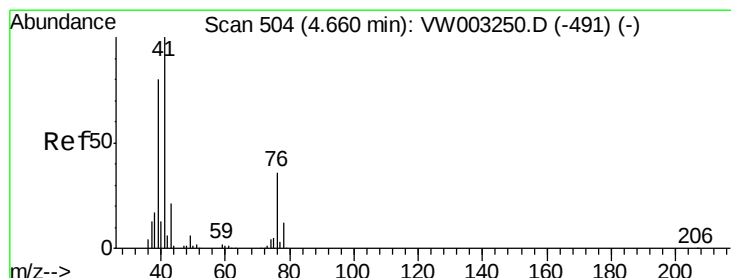
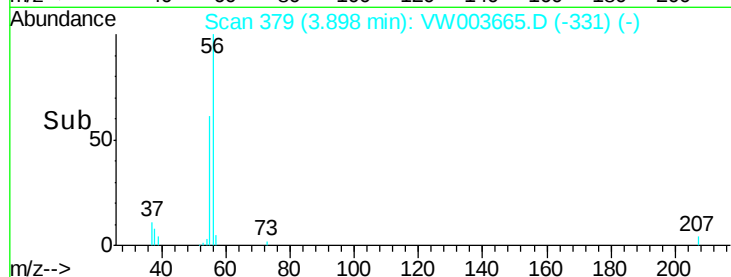
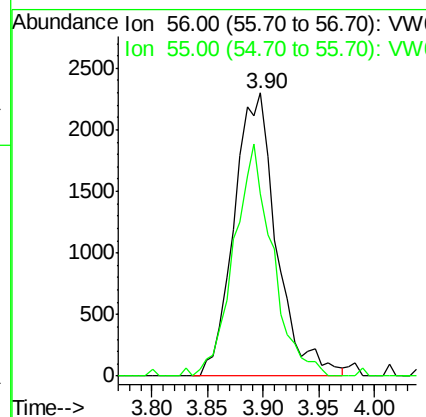
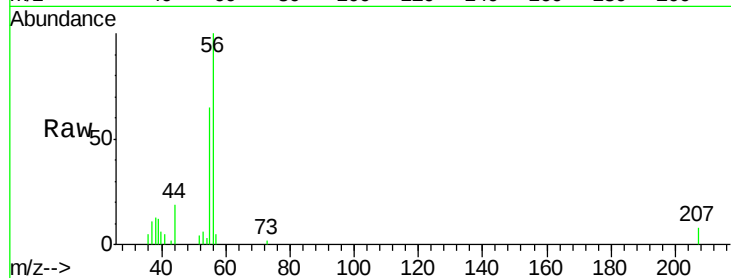
55 75.4 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 11.53 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

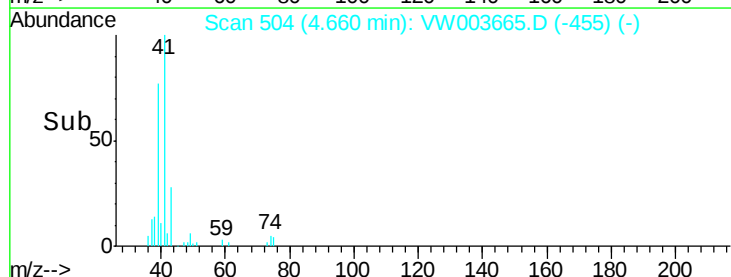
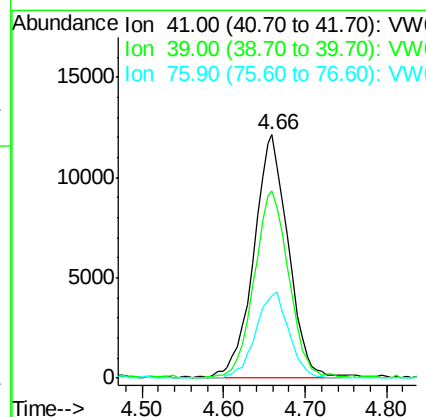
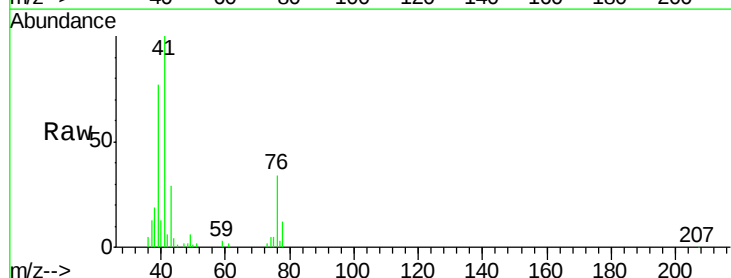
Tgt Ion: 41 Resp: 35858

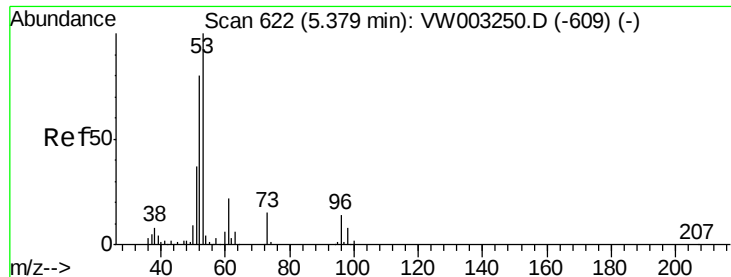
Ion Ratio Lower Upper

41 100

39 77.4 63.2 94.8

76 33.8 28.0 42.0





#15

Acrylonitrile

Concen: 68.80 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

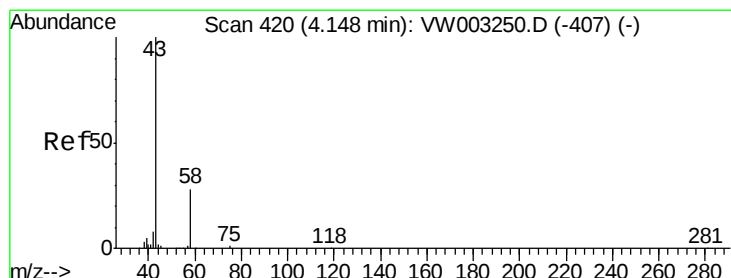
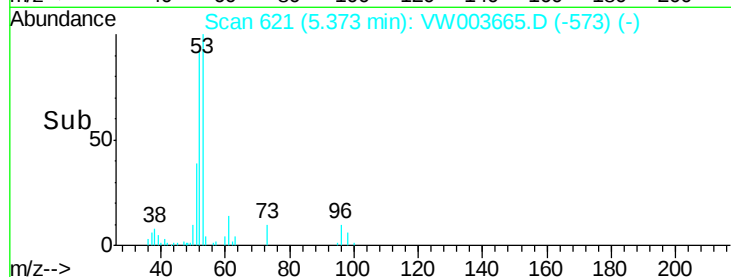
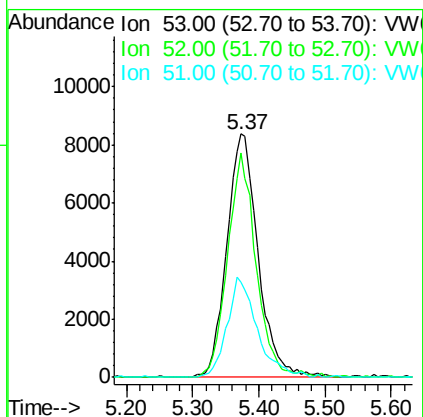
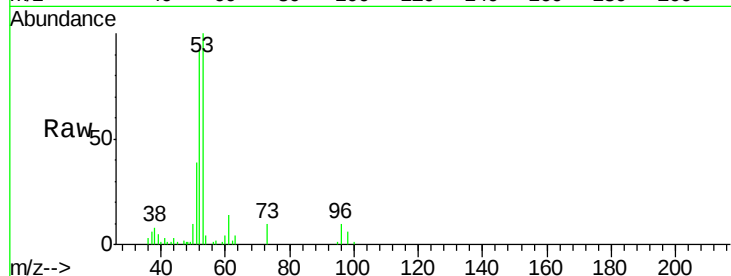
ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion:	53	Resp:	27505
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	100.0
51	39.5	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 75.35 ug/l

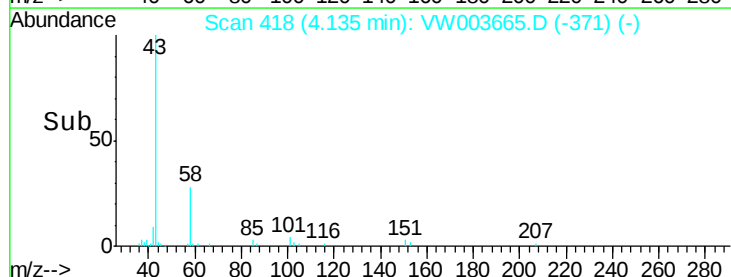
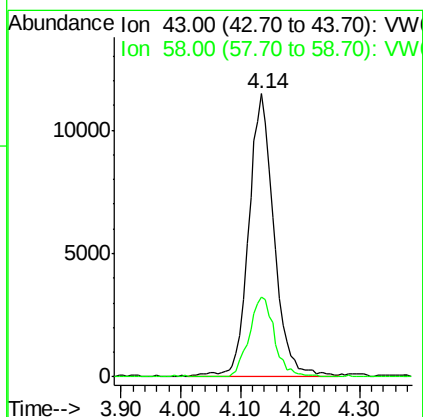
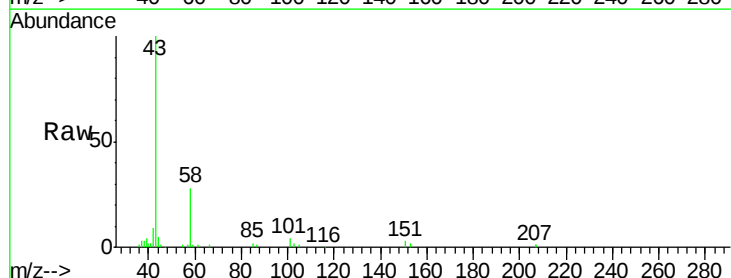
RT: 4.14 min Scan# 418

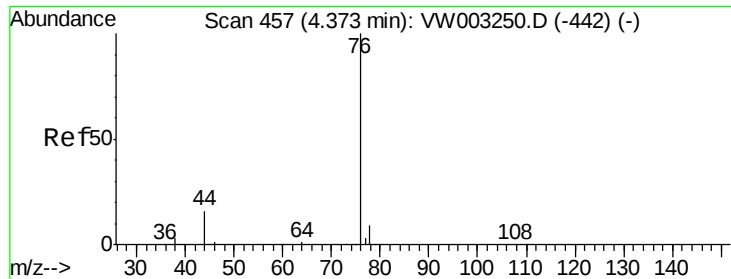
Delta R.T. -0.01 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Tgt Ion:	43	Resp:	33943
Ion	Ratio	Lower	Upper
43	100		
58	28.2	22.6	34.0





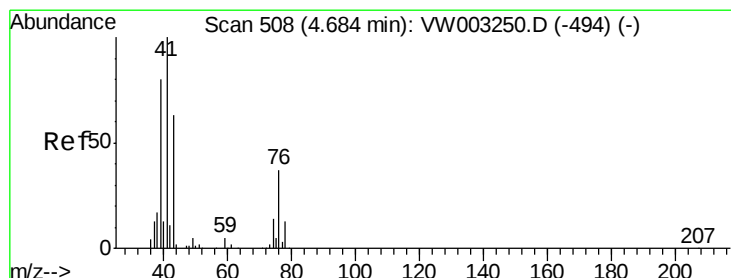
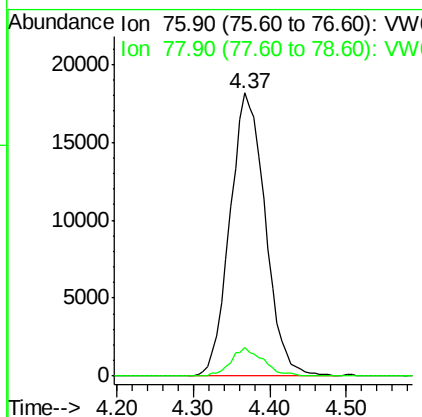
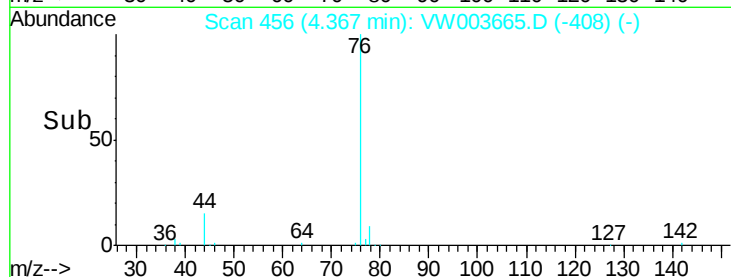
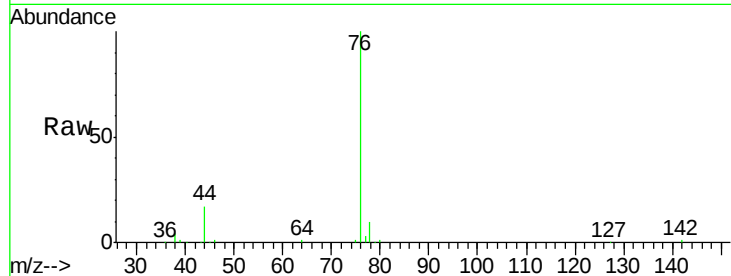
#17
Carbon Disulfide
Concen: 10.95 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.1	10.7

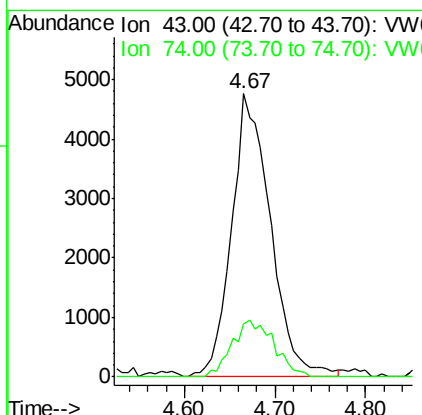
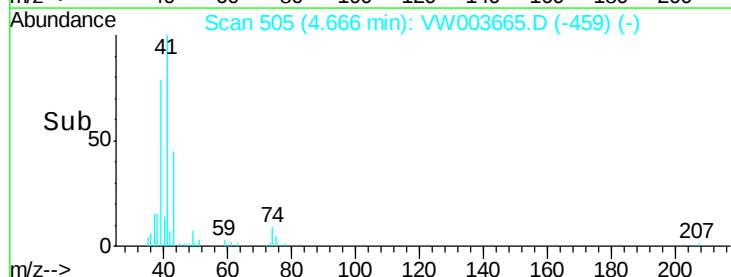
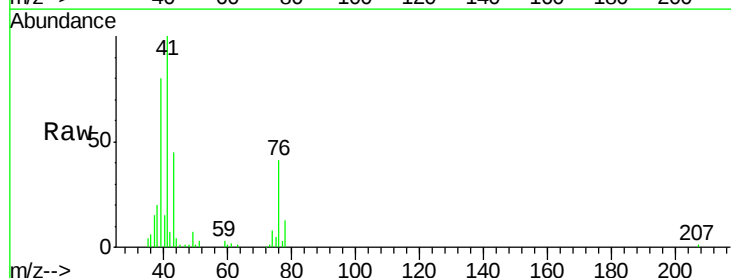
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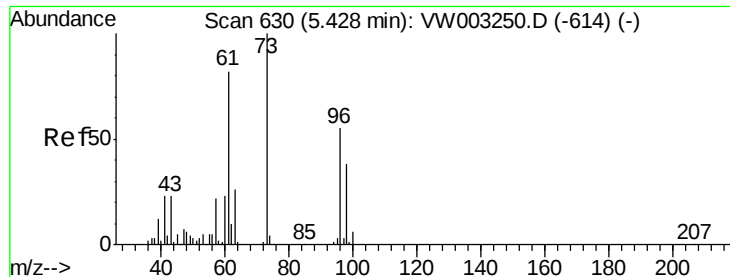
apatel
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#18
Methyl Acetate
Concen: 13.26 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.02 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	18.7	28.1





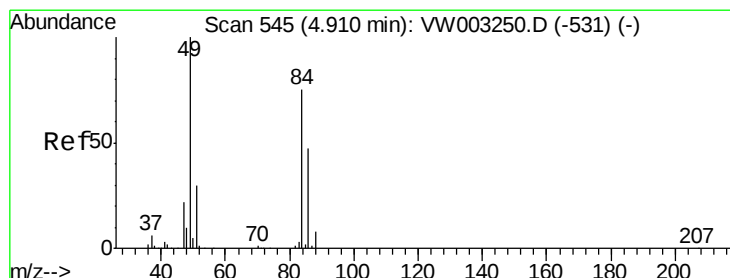
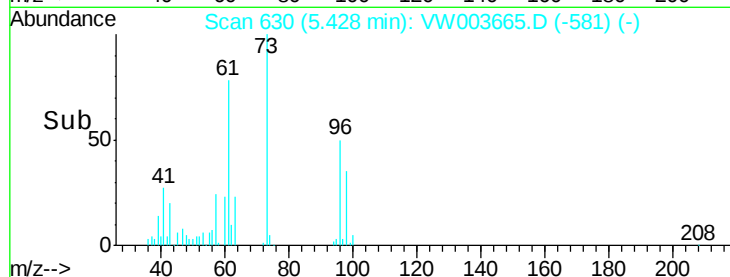
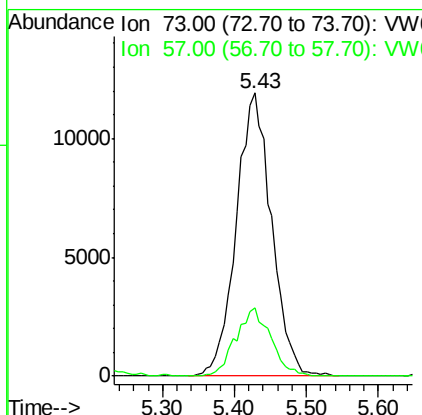
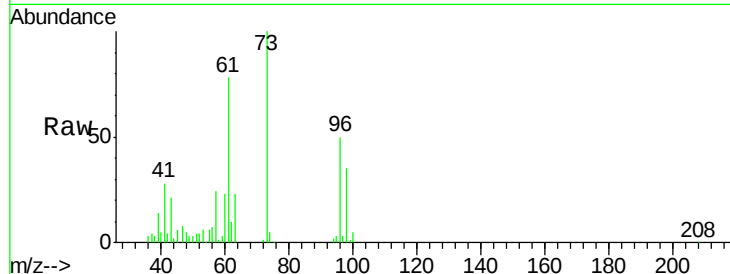
#19
Methvl tert-butvl Ether
Concen: 12.04 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion: 73 Resp: 40465
Ion Ratio Lower Upper
73 100
57 23.9 18.0 27.0

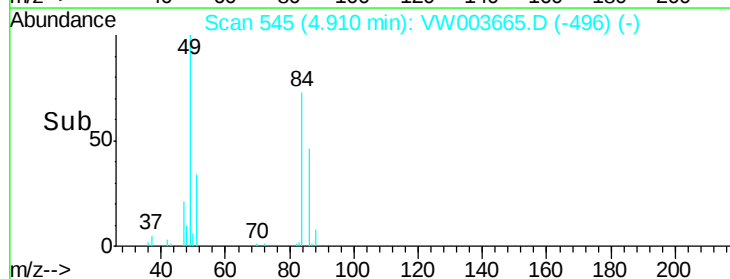
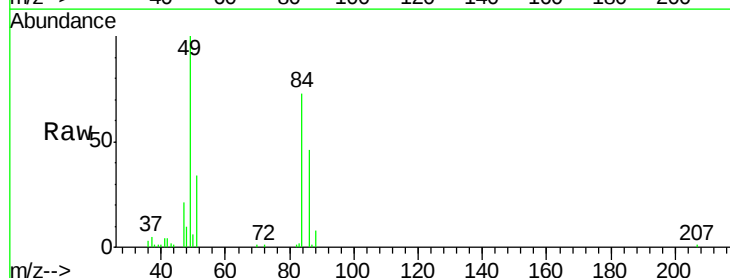
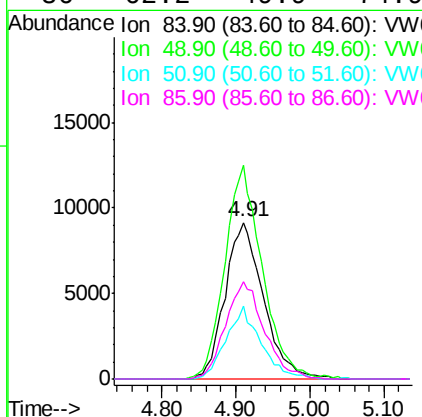
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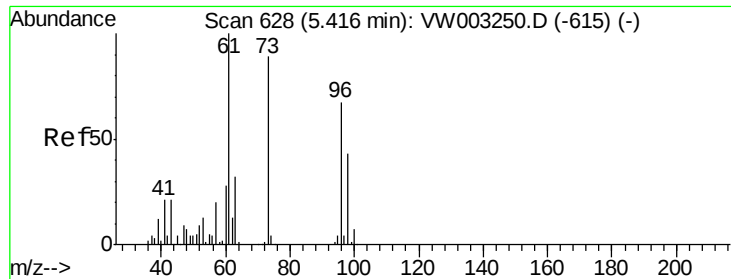
apatel
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#20
Methylene Chloride
Concen: 14.57 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion: 84 Resp: 32865
Ion Ratio Lower Upper
84 100
49 135.4 106.3 159.5
51 46.5 32.0 48.0
86 62.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 11.71 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

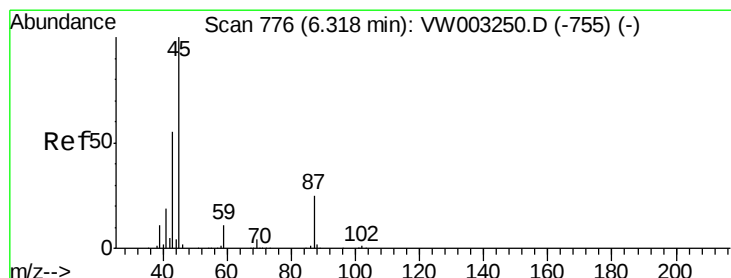
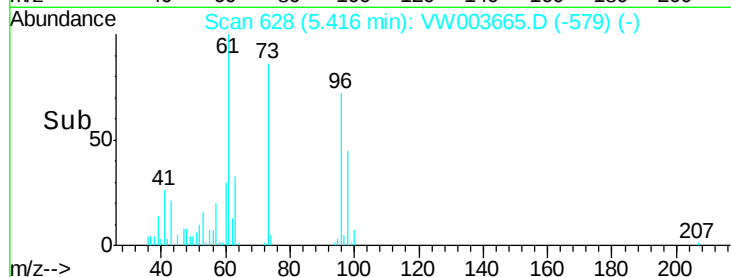
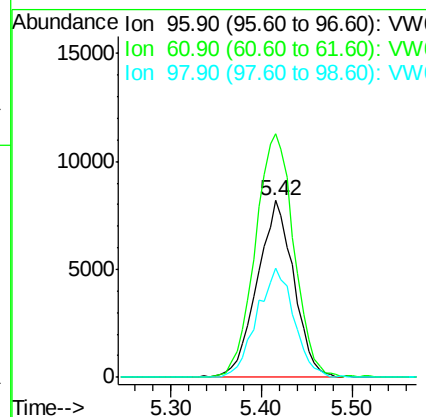
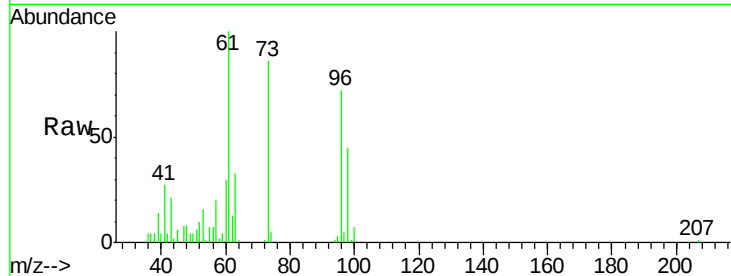
ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion:	96	Resp:	22877
Ion	Ratio	Lower	Upper
96	100		
61	138.0	118.7	178.1
98	62.0	51.0	76.6

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#22

Diisopropyl ether

Concen: 11.87 ug/l

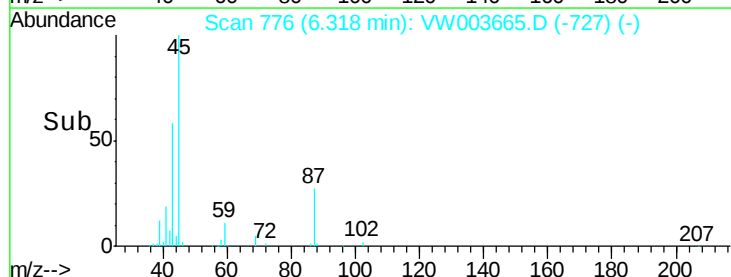
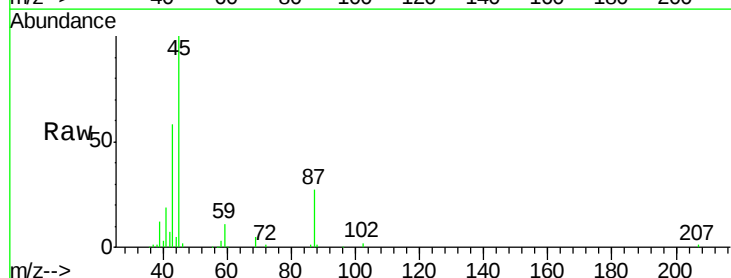
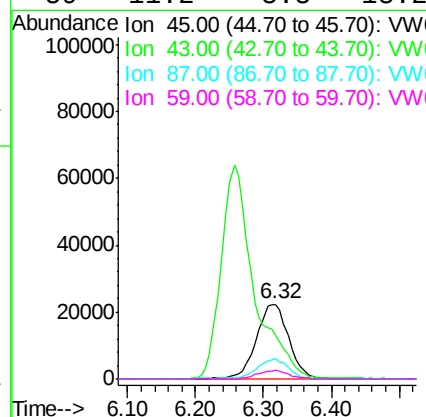
RT: 6.32 min Scan# 776

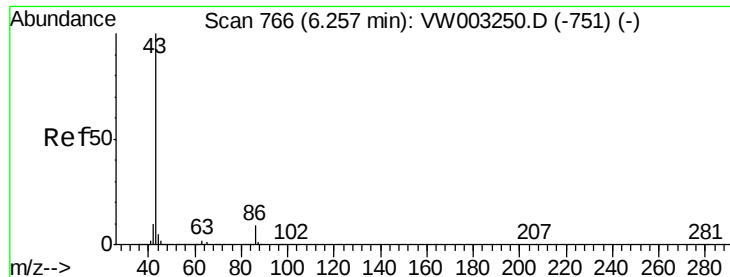
Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Tgt Ion:	45	Resp:	74252
Ion	Ratio	Lower	Upper
45	100		
43	56.7	44.0	66.0
87	27.0	20.6	31.0
59	11.2	8.8	13.2





#23

Vinyl Acetate

Concen: 59.90 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Tot Ion	43	Resp	215986
Ion Ratio	100	Lower	Upper
43	100		
86	9.9	7.5	11.3

Instrument :

MSVOA_W

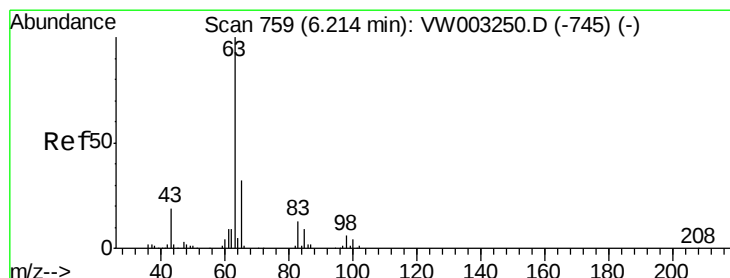
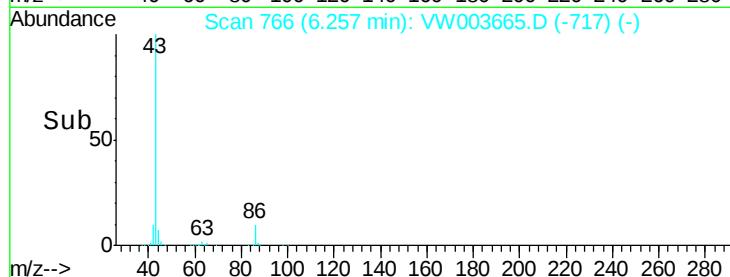
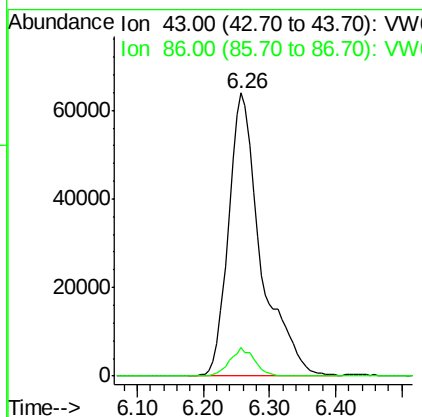
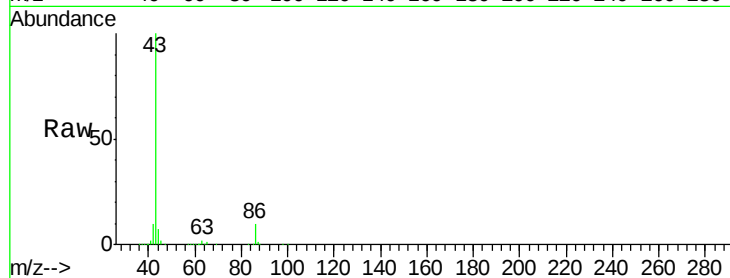
ClientSampleId :

LOQ-SOIL-02-QT3-2018

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#24

1,1-Dichloroethane

Concen: 12.15 ug/l

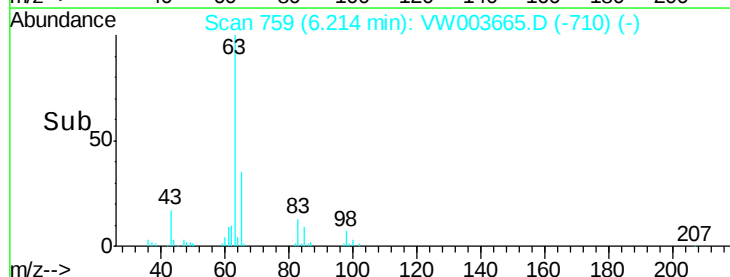
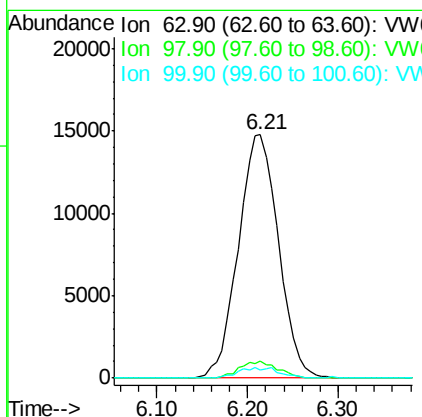
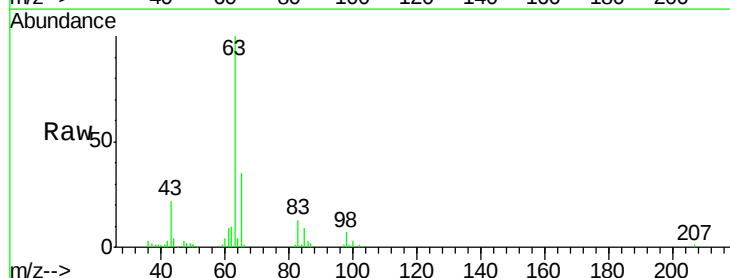
RT: 6.21 min Scan# 759

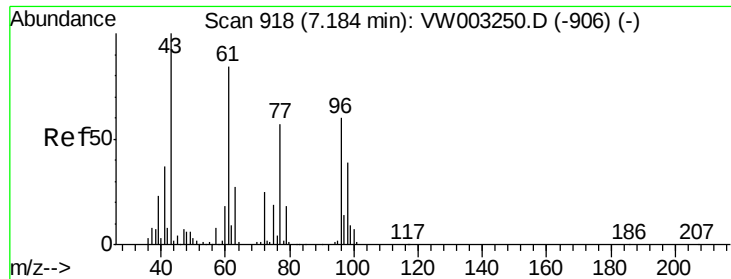
Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Tgt Ion	63	Resp	45117
Ion Ratio	100	Lower	Upper
63	100		
98	7.1	2.8	8.3
100	3.4	2.1	6.5





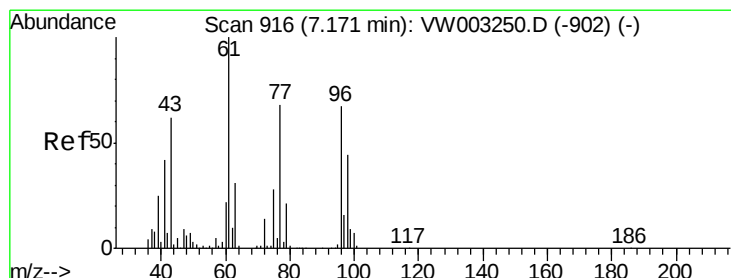
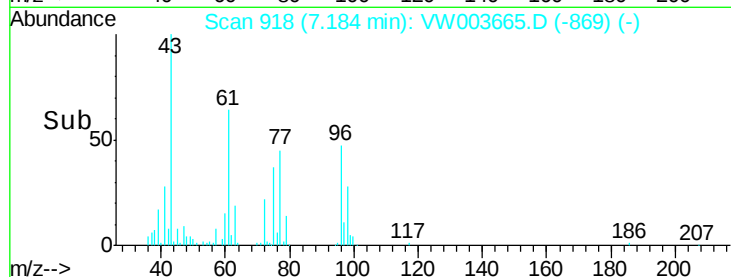
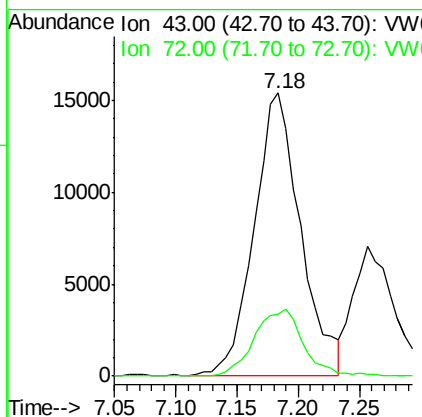
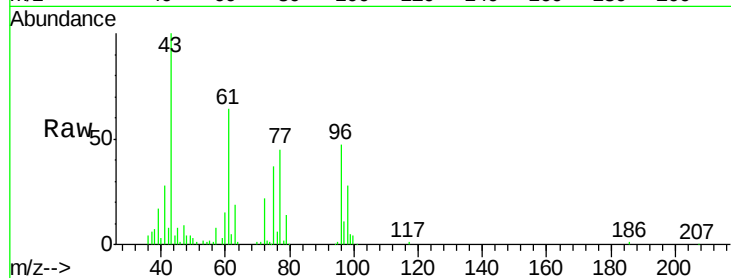
#25
2-Butanone
Concen: 73.00 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion: 43 Resp: 40891
Ion Ratio Lower Upper
43 100
72 22.1 20.3 30.5

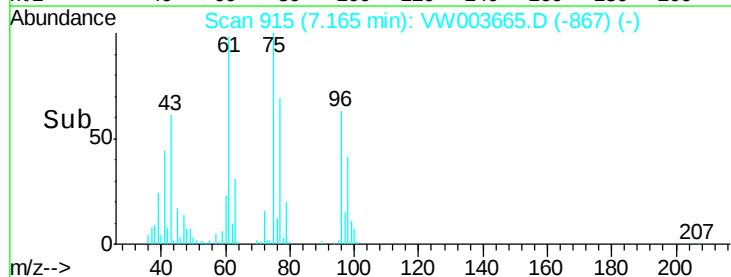
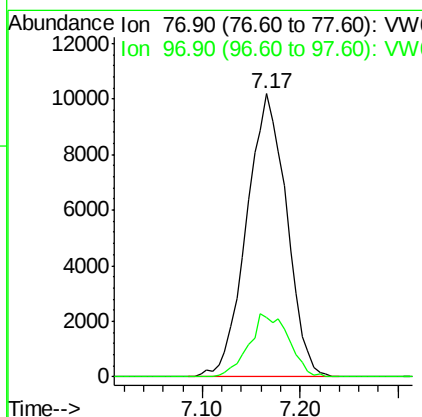
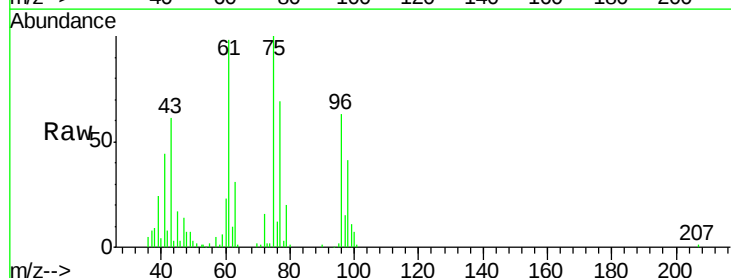
Manual Integrations
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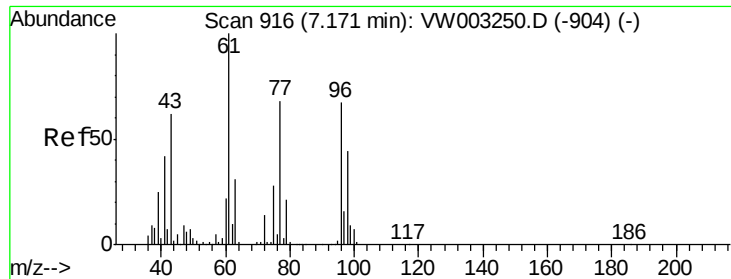
apatel
7/2/2018 10:30:54 AM



#26
2,2-Dichloropropane
Concen: 11.66 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion: 77 Resp: 28904
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.9





#27

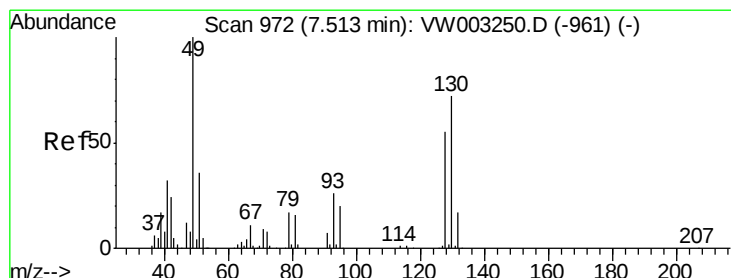
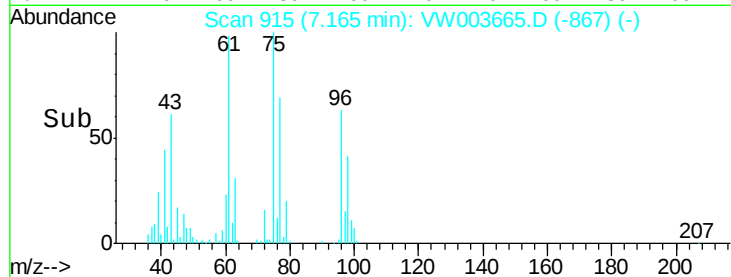
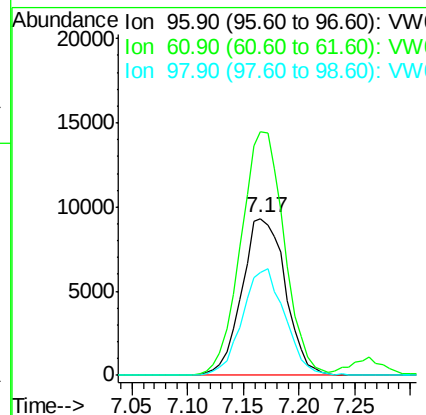
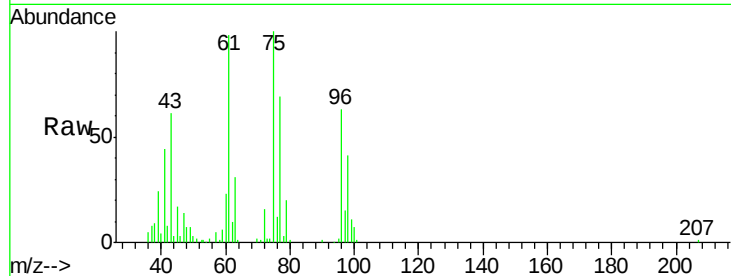
cis-1,2-Dichloroethene
Concen: 11.82 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.0	0.0	298.8
98	65.9	0.0	130.4

Manual Integrations
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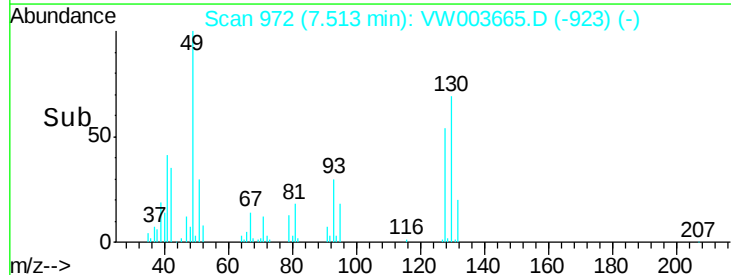
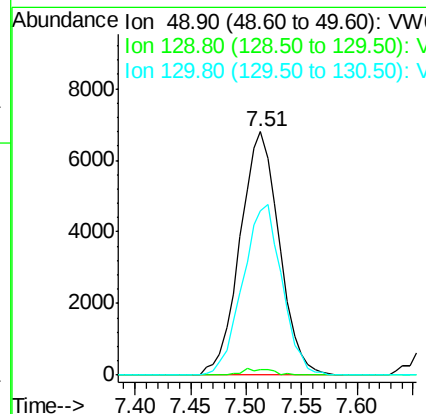
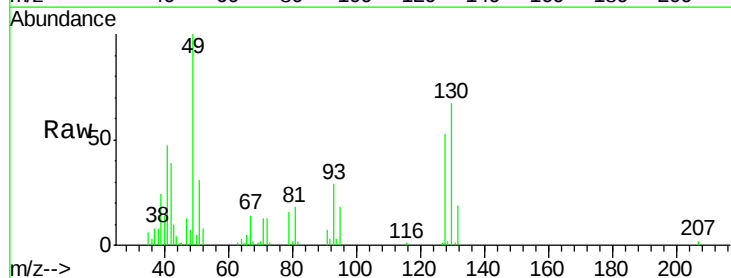
apatel
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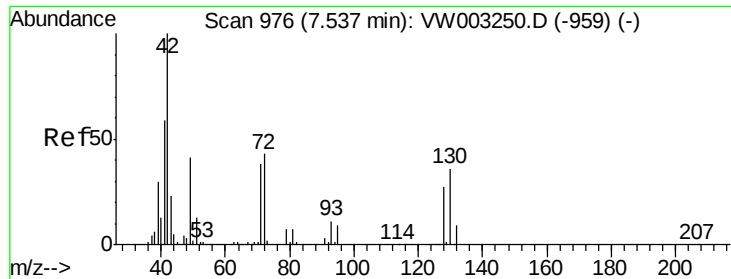


#28

Bromochloromethane
Concen: 10.77 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	70.1	59.4	89.2





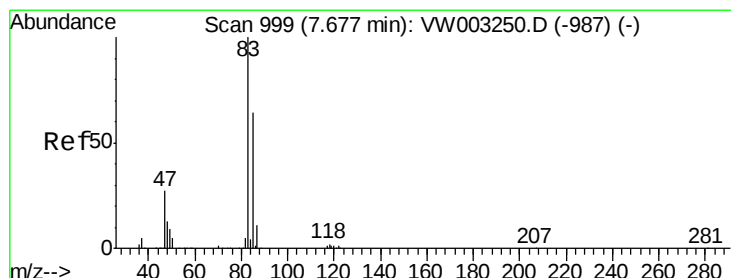
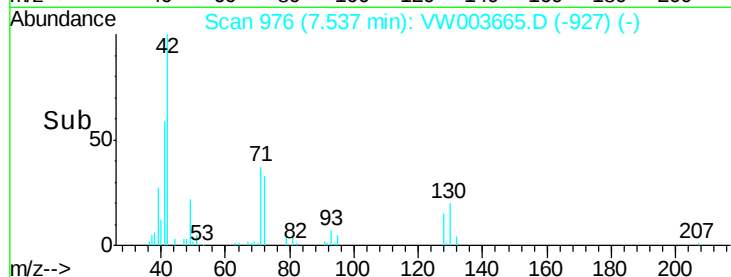
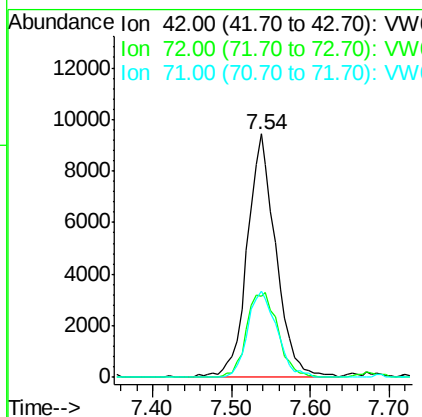
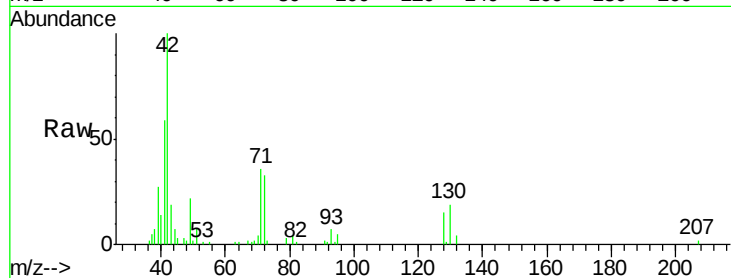
#29
Tetrahydrofuran
Concen: 69.76 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	32.4	48.6
71	35.9	31.2	46.8

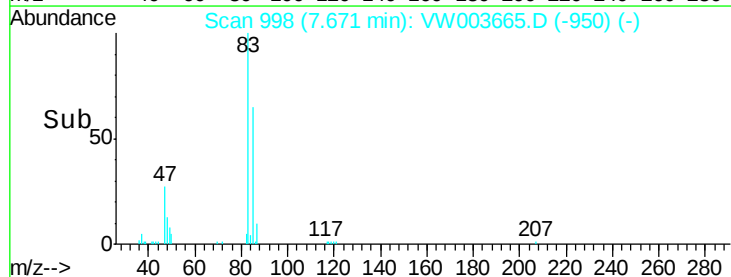
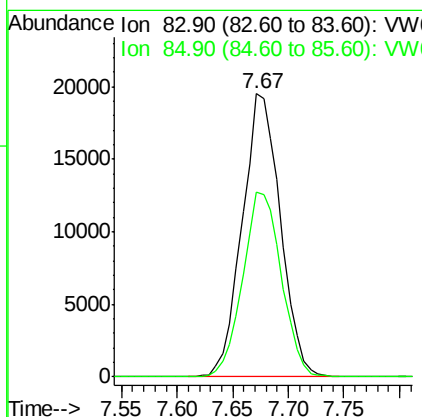
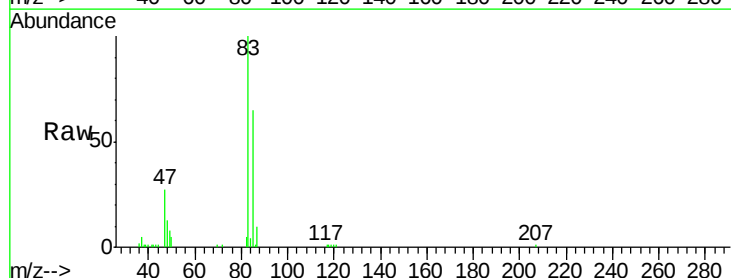
Manual Integrations
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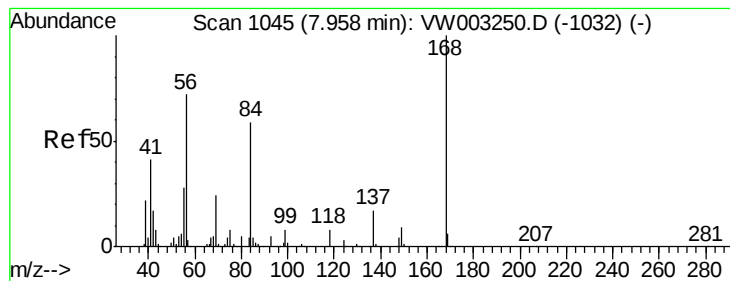
apatel
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#30
Chloroform
Concen: 12.30 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.3	76.9





#31

Cyclohexane

Concen: 11.74 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

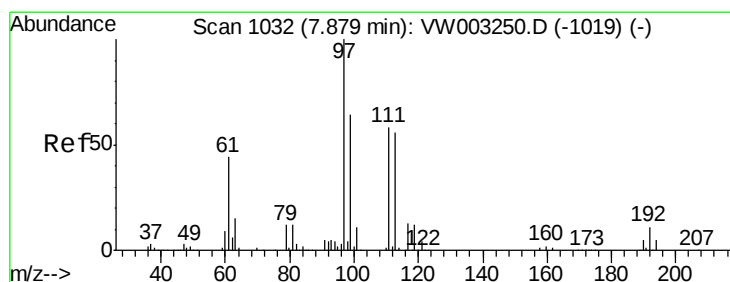
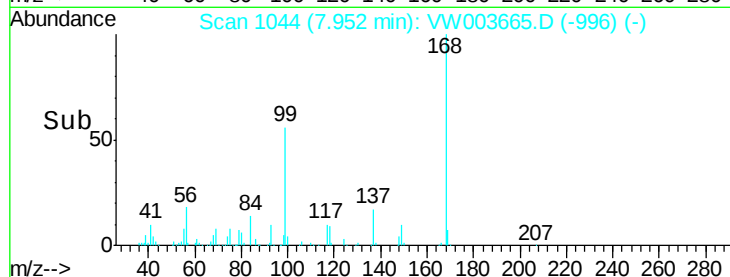
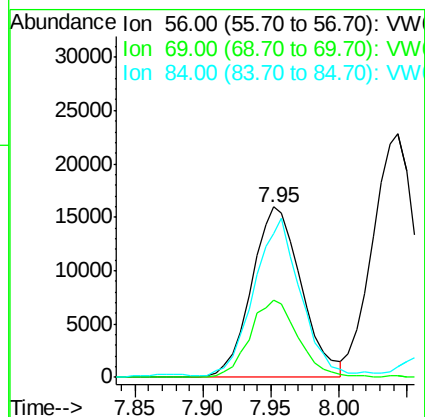
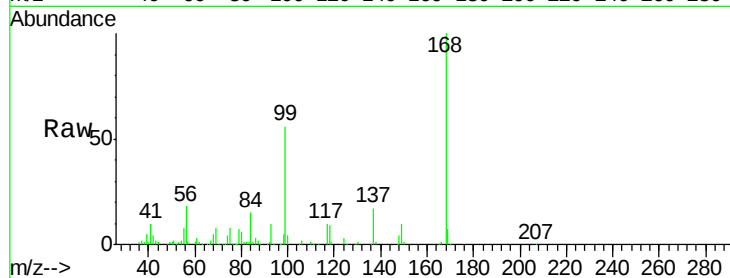
LOQ-SOIL-02-QT3-2018

Tot Ion:	56	Resp:	40736
Ion	Ratio	Lower	Upper
56	100		
69	45.6	26.3	39.5#
84	83.7	65.7	98.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 11.76 ug/l

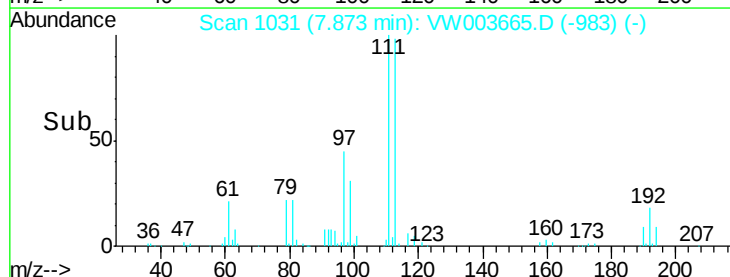
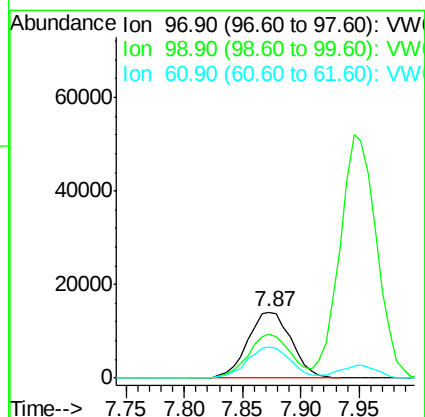
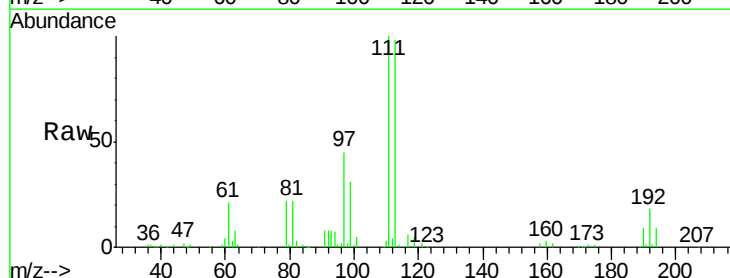
RT: 7.87 min Scan# 1031

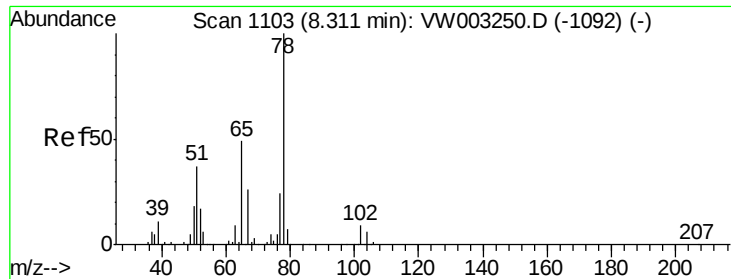
Delta R.T. -0.01 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Tgt Ion:	97	Resp:	36736
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.7	77.5
61	47.0	37.6	56.4





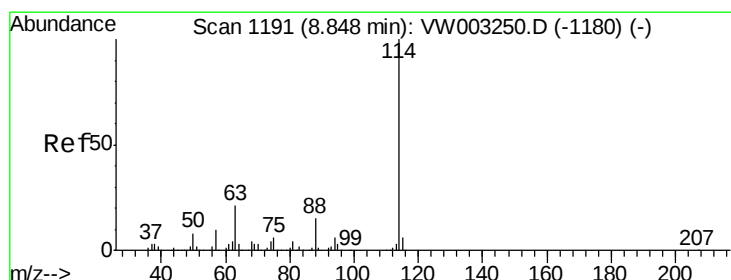
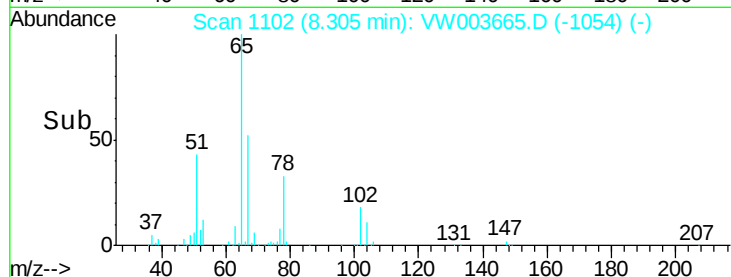
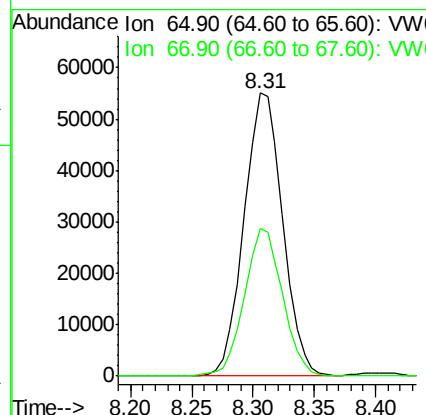
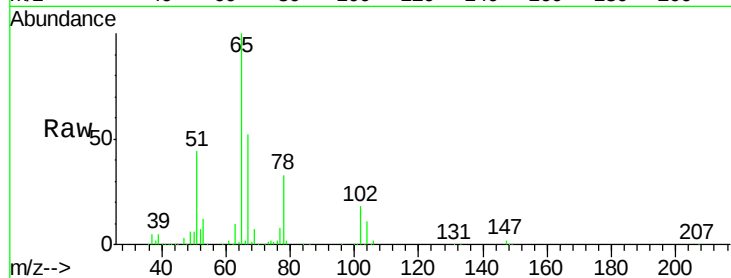
#33
 1,2-Dichloroethane-d4
 Concen: 56.28 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW003665.D
 Acq: 29 Jun 2018 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
65	100	120879		
67	51.5	0.0	104.2	

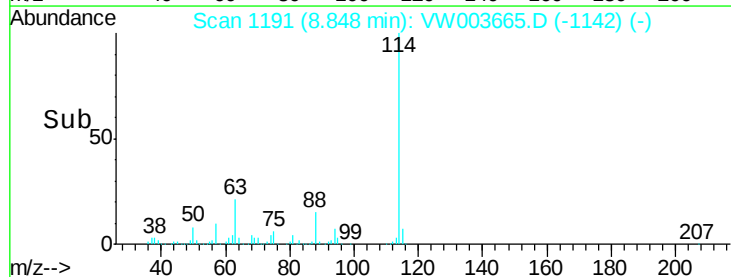
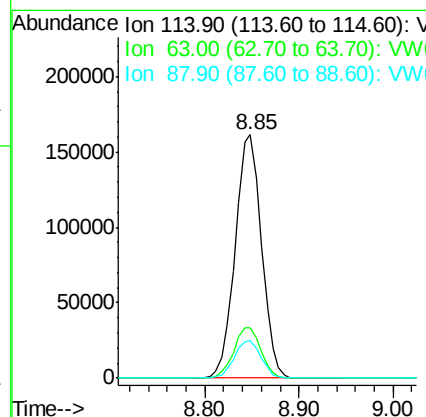
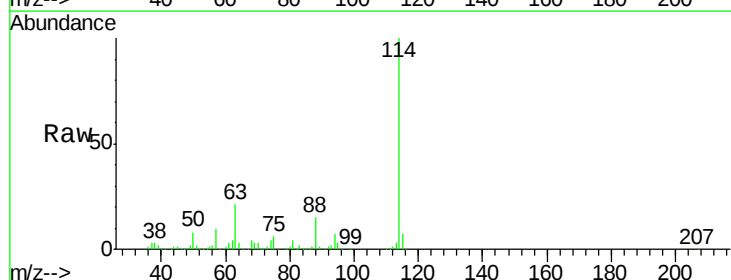
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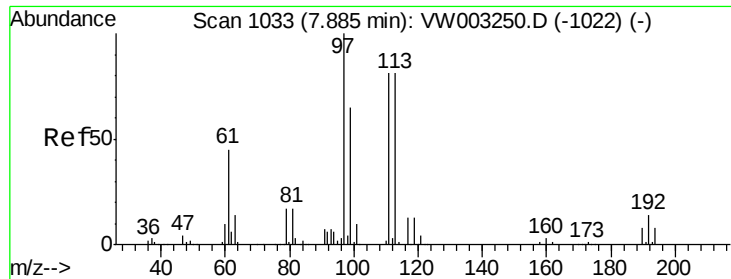
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003665.D
 Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	313139		
63	20.7	0.0	43.0	
88	15.3	0.0	29.6	





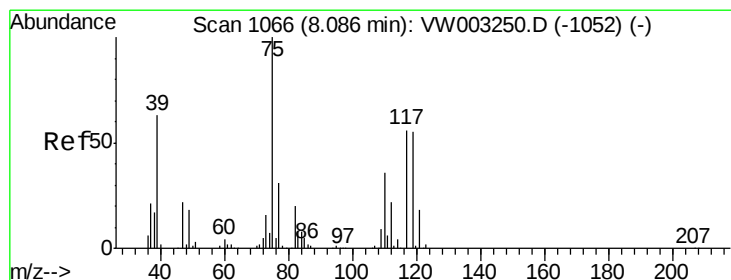
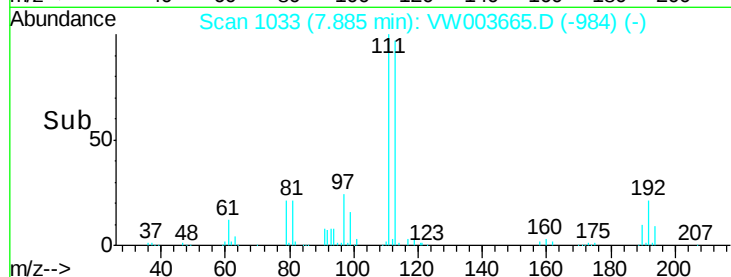
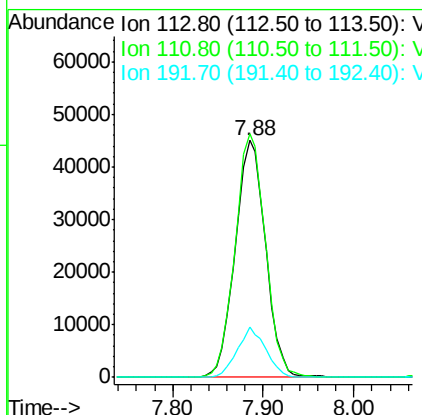
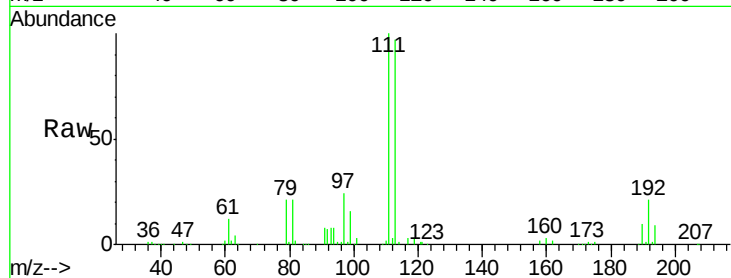
#35
Dibromofluoromethane
Concen: 53.78 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.4	82.2	123.2	
192	19.7	16.2	24.2	

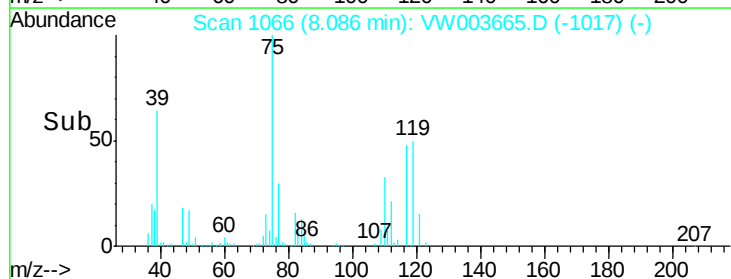
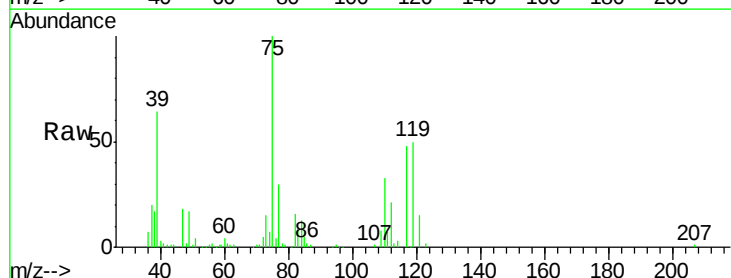
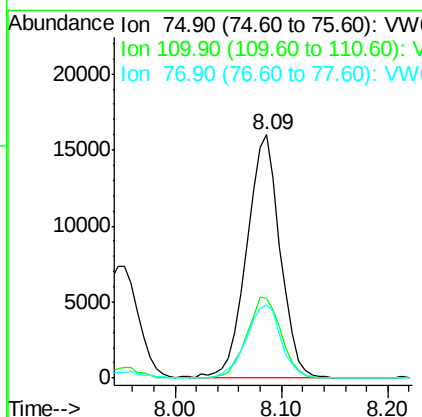
Manual Integrations
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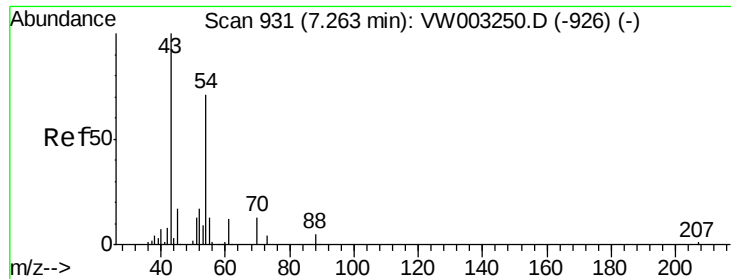
apatel
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#36
1,1-Dichloropropene
Concen: 11.64 ug/l
RT: 8.09 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.2	17.1	51.3	
77	31.6	24.9	37.3	





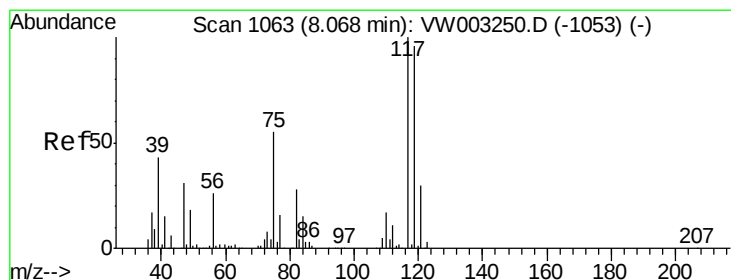
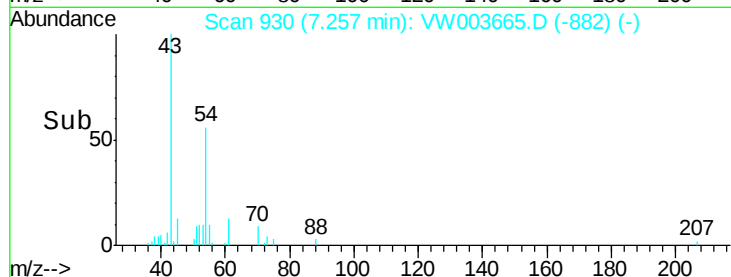
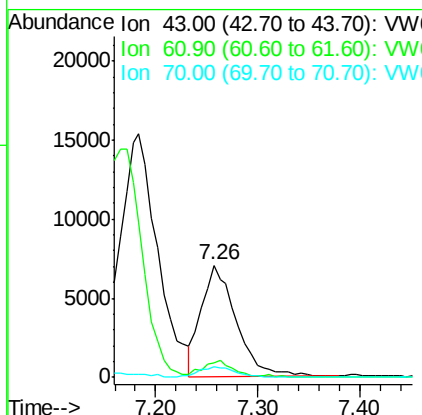
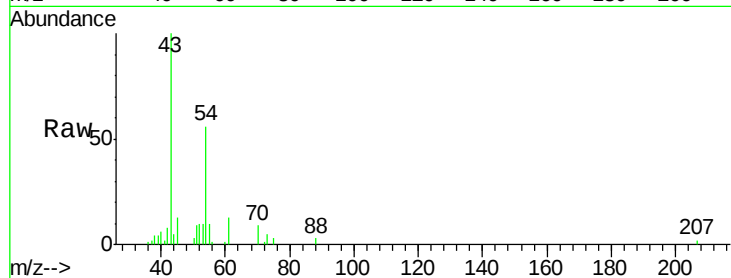
#37
Ethyl Acetate
Concen: 13.36 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.8	16.2
70	9.9	7.8	11.6

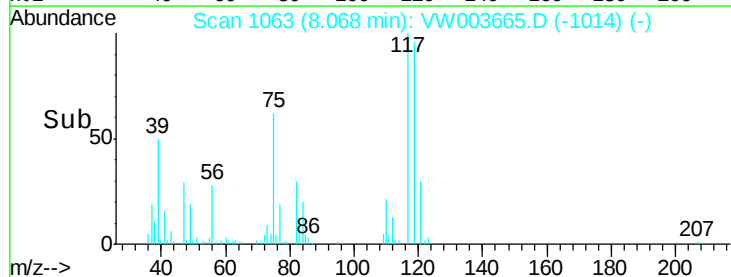
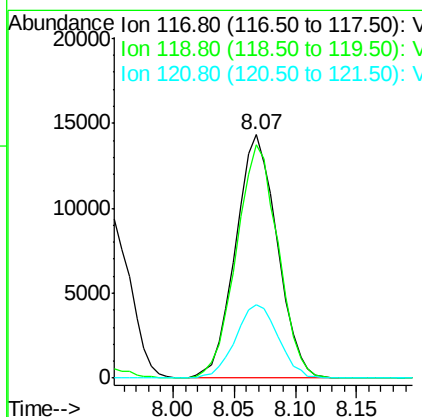
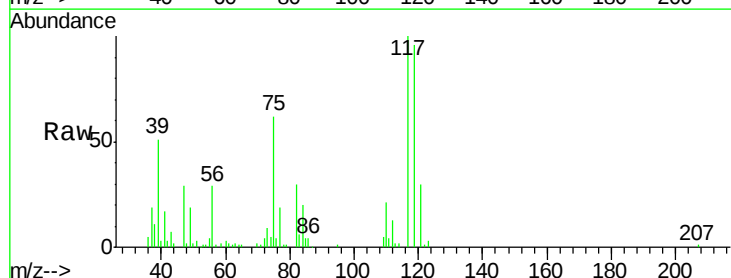
Manual Integrations
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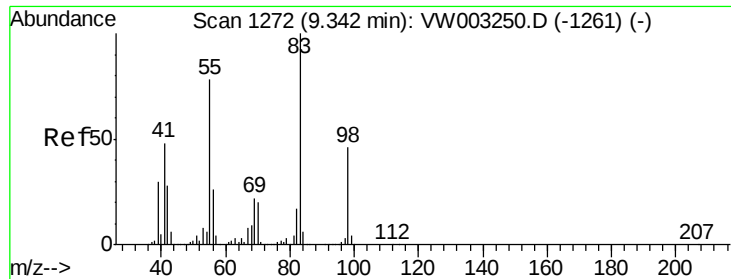
apatel
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#38
Carbon Tetrachloride
Concen: 11.43 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.6	115.0
121	30.0	23.9	35.9





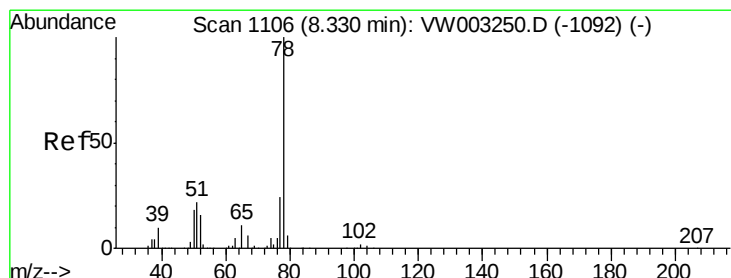
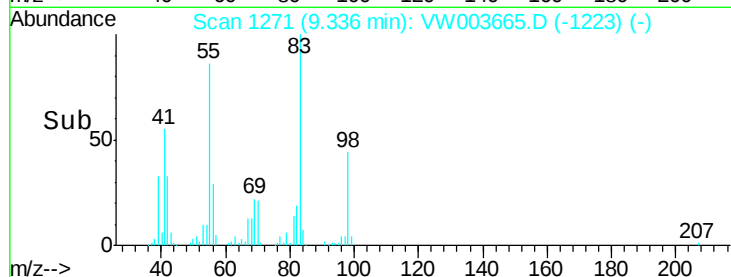
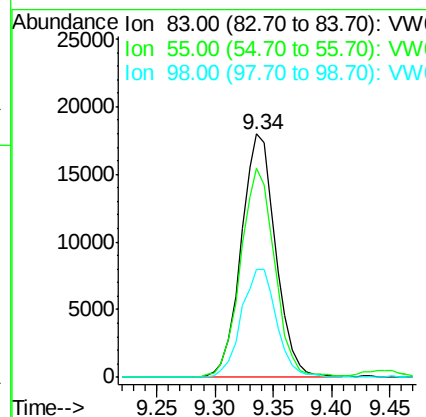
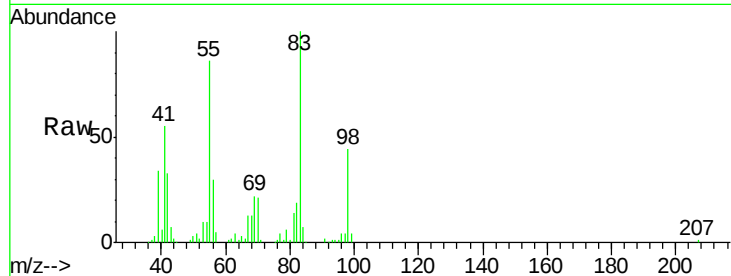
#39
Methvlcvclohexane
Concen: 10.62 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.1	62.6	93.8
98	44.4	37.0	55.4

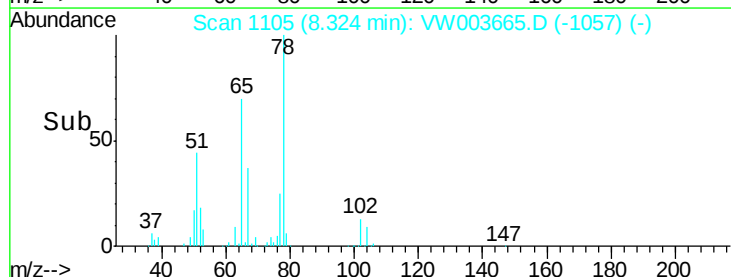
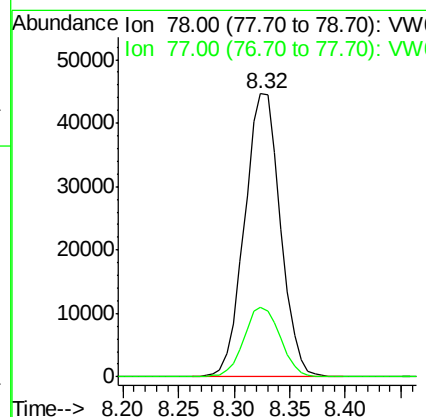
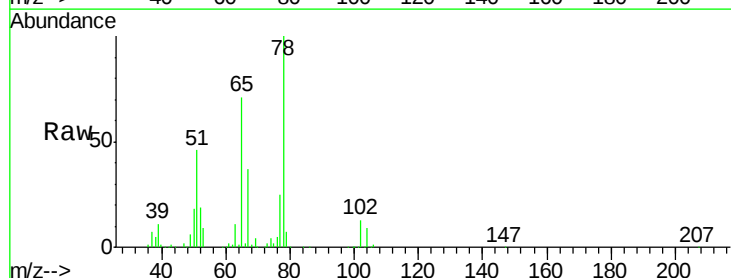
Manual Integrations
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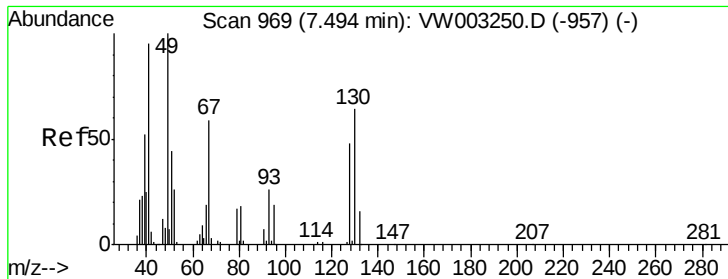
apatel
7/2/2018 10:30:54 AM



#40
Benzene
Concen: 11.97 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.0	28.6





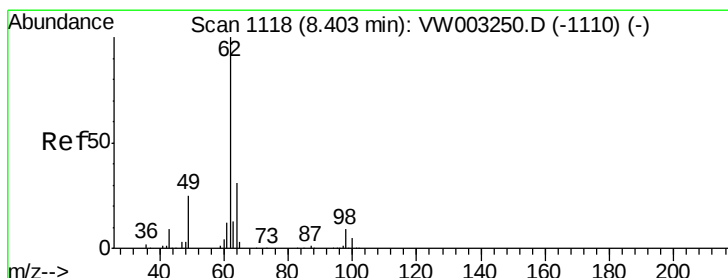
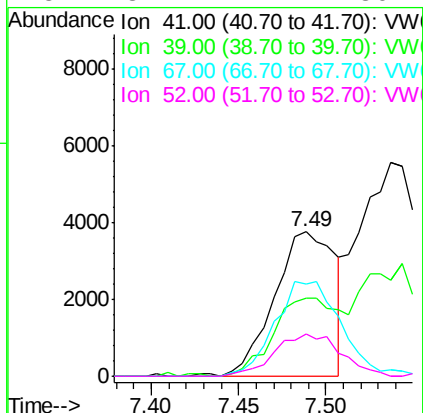
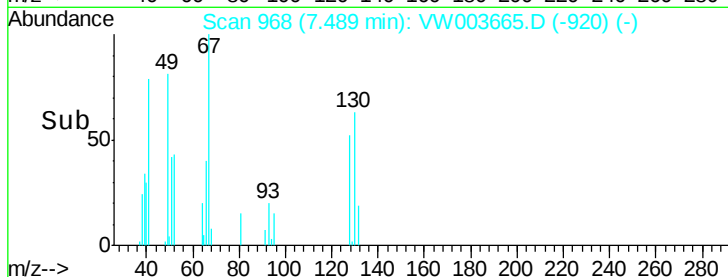
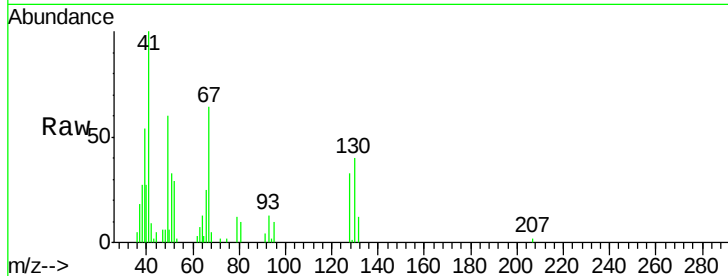
#41
Methacrylonitrile
Concen: 11.81 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion:	41	Resp:	9083
Ion	Ratio	Lower	Upper
41	100		
39	62.0	45.8	68.8
67	71.5	52.3	78.5
52	31.7	24.1	36.1

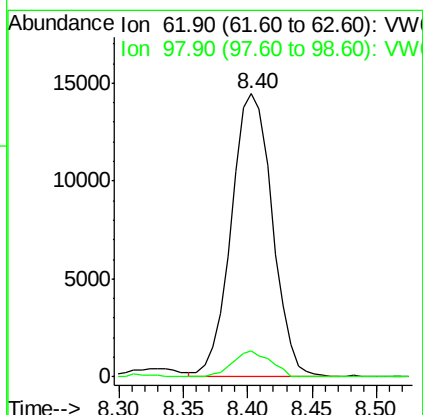
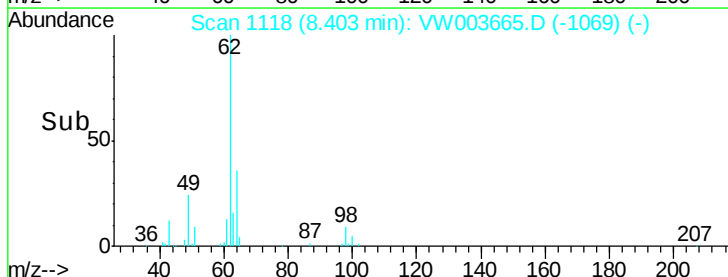
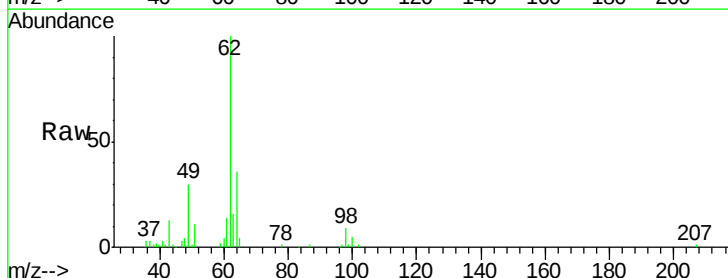
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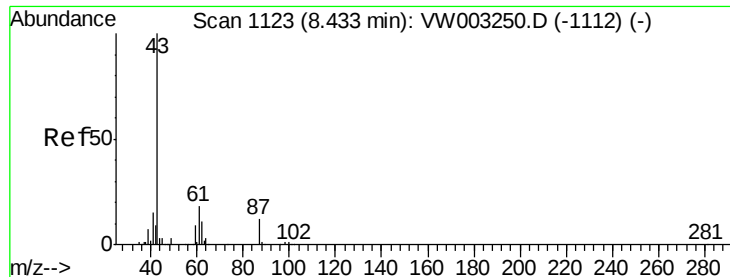
apatel
7/2/2018 10:30:54 AM



#42
1,2-Dichloroethane
Concen: 12.25 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion:	62	Resp:	31994
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 12.95 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

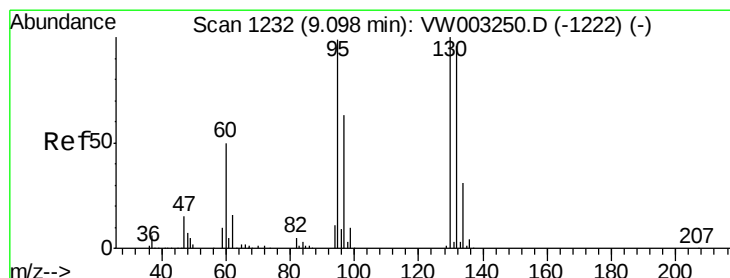
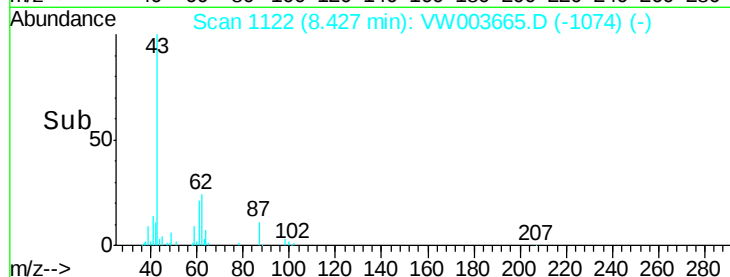
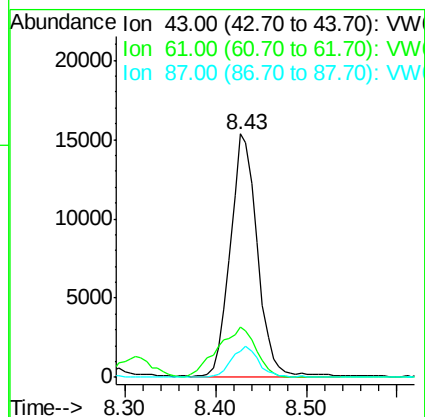
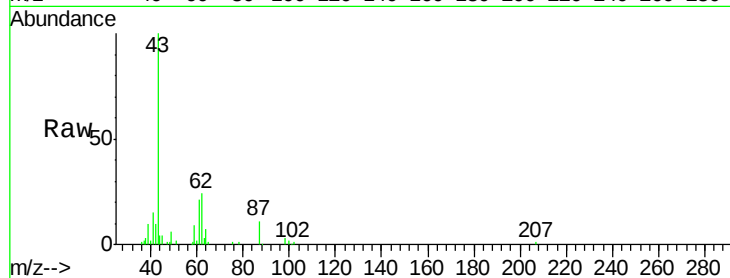
ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion:	43	Resp:	32218
Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.1	34.7
87	12.6	9.8	14.6

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#44

Trichloroethene

Concen: 11.69 ug/l

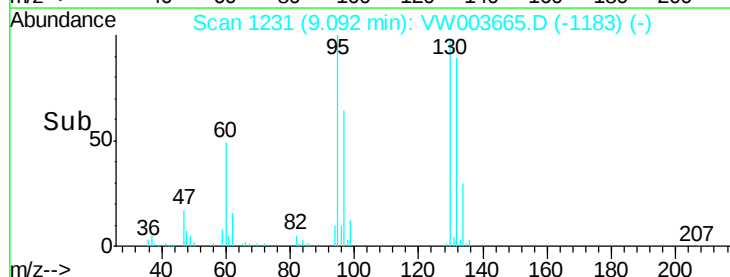
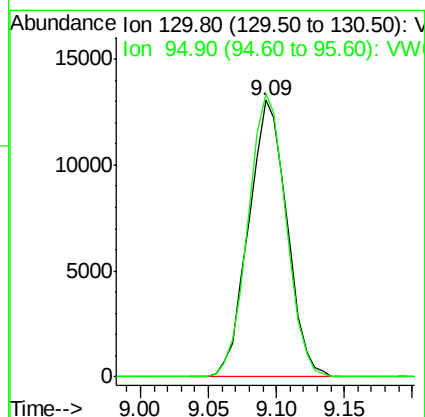
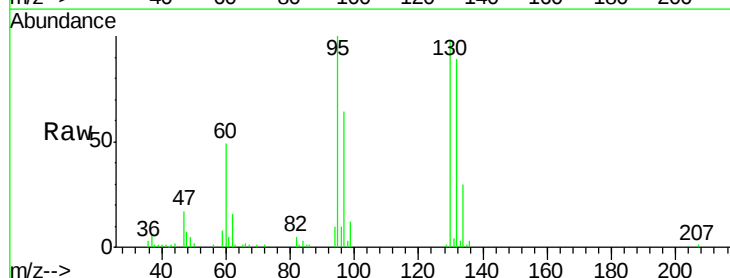
RT: 9.09 min Scan# 1231

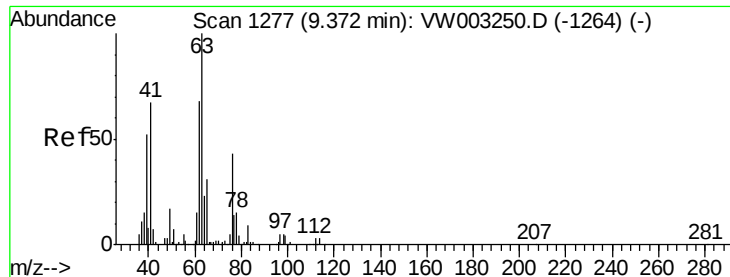
Delta R.T. -0.01 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Tgt Ion:	130	Resp:	25810
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	198.0





#45

1,2-Dichloropropane

Concen: 12.11 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion: 63 Resp: 25707

Ion Ratio Lower Upper

63 100

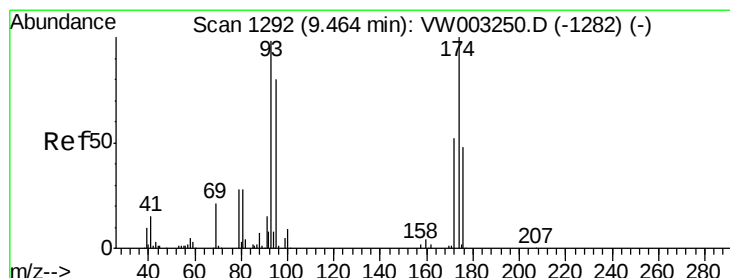
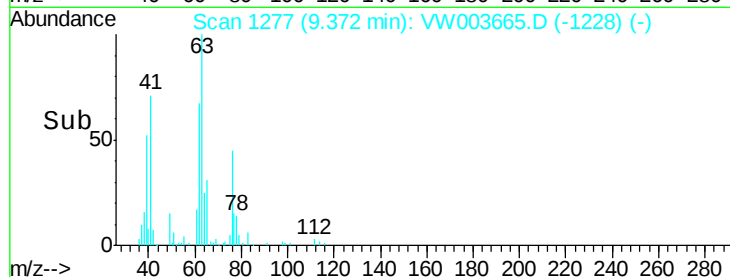
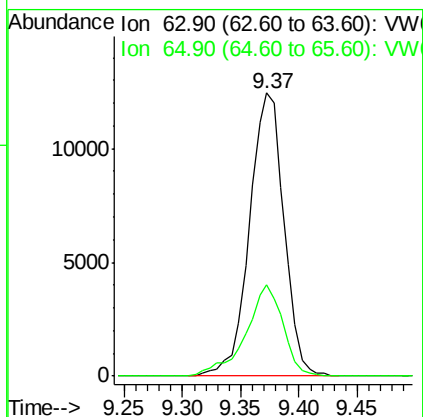
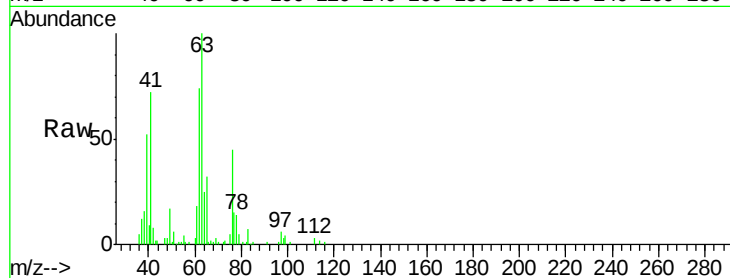
65 32.1 25.1 37.7

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#46

Dibromomethane

Concen: 12.73 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

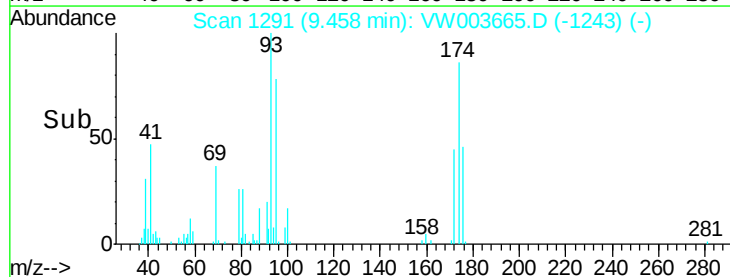
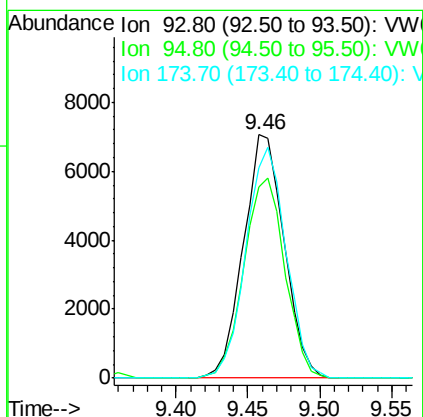
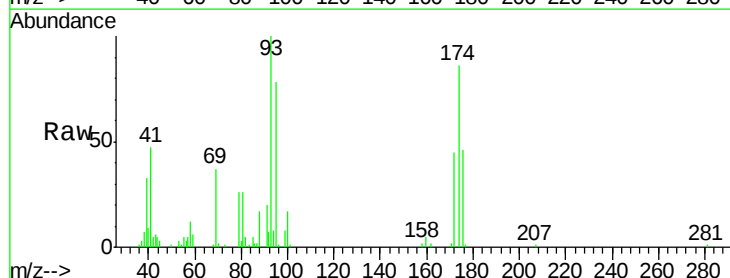
Tgt Ion: 93 Resp: 13838

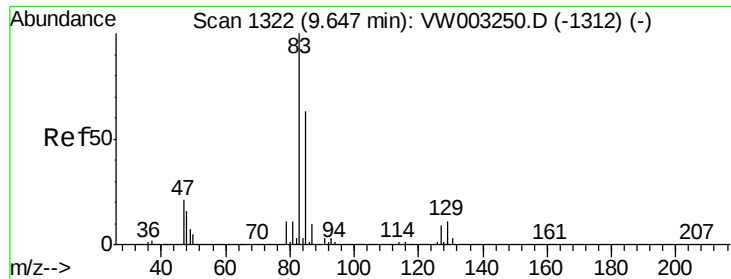
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

174 93.6 81.4 122.0





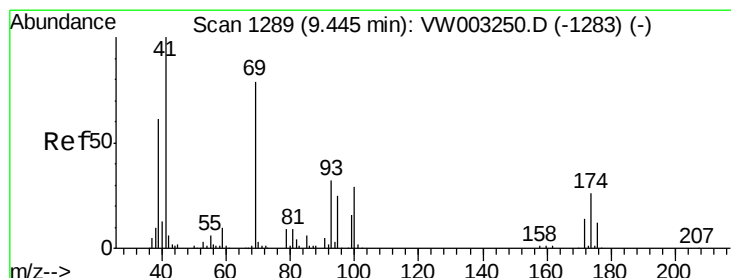
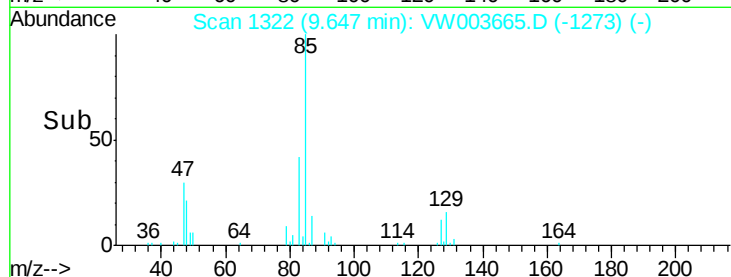
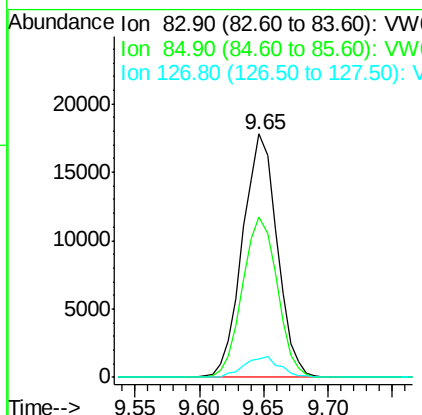
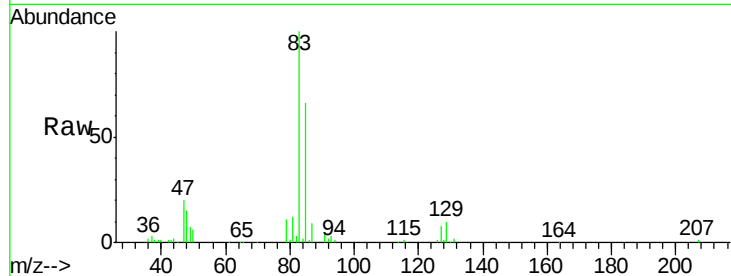
#47
Bromodichloromethane
Concen: 11.85 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion	83	Resp	33003
Ion Ratio	100	Lower	Upper
83	100		
85	66.0	50.6	75.8
127	7.6	6.8	10.2

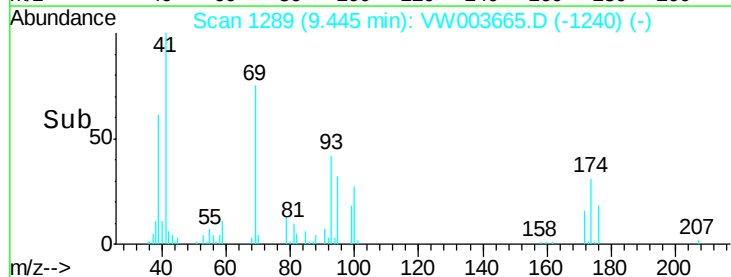
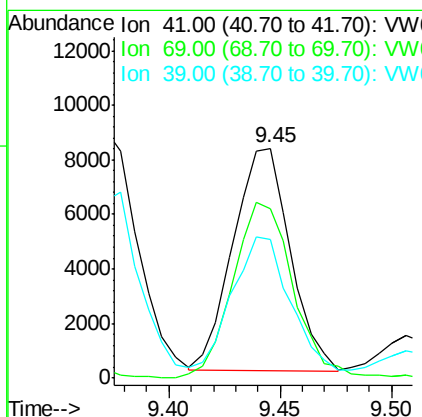
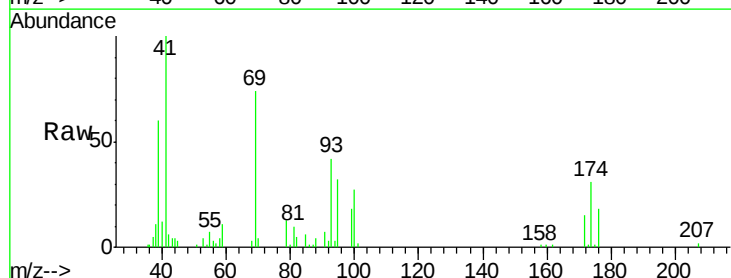
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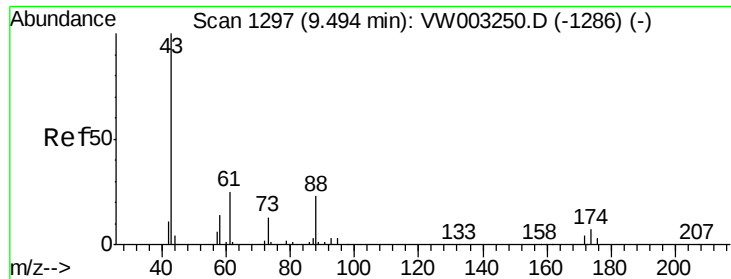
apatel
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#48
Methyl methacrylate
Concen: 12.48 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion	41	Resp	14587
Ion Ratio	100	Lower	Upper
41	100		
69	83.6	65.4	98.2
39	68.1	54.2	81.2





#49

1,4-Dioxane

Concen: 251.30 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. -0.02 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

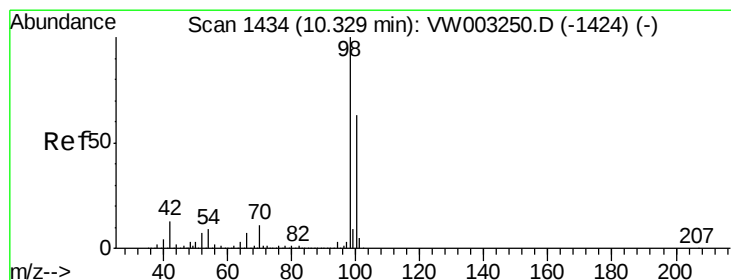
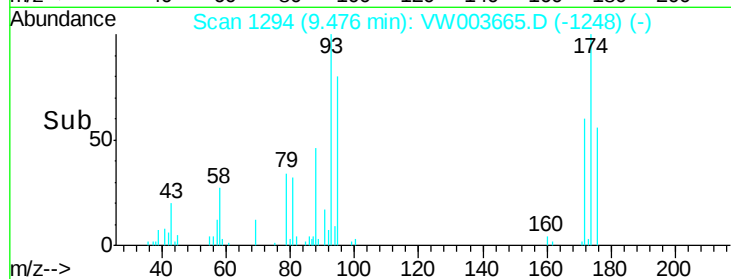
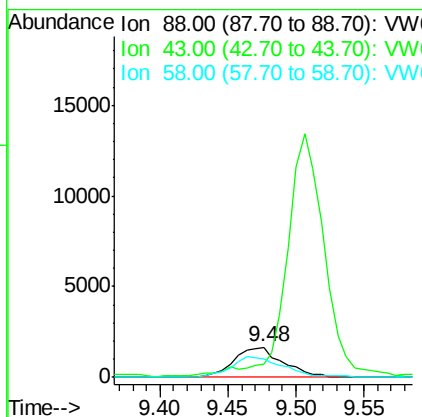
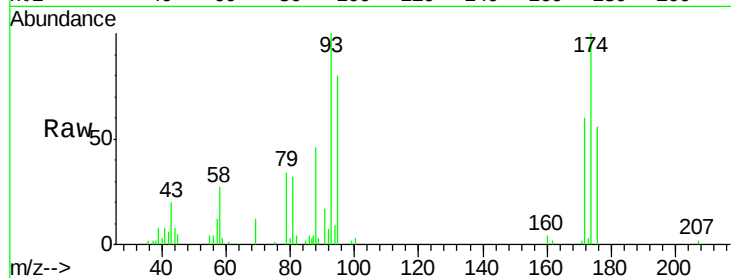
ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion	88	Resp	4123
Ion Ratio	Lower	Upper	
88	100		
43	0.0	454.7	682.1#
58	74.7	58.6	88.0

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#50

Toluene-d8

Concen: 52.70 ug/l

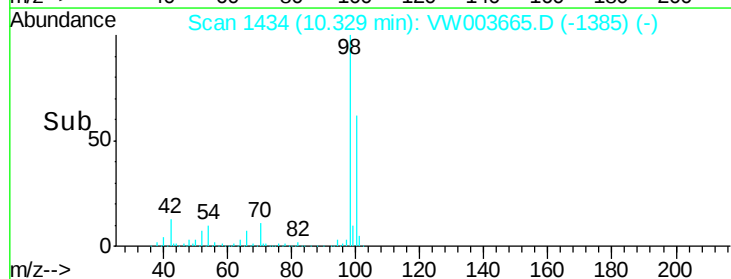
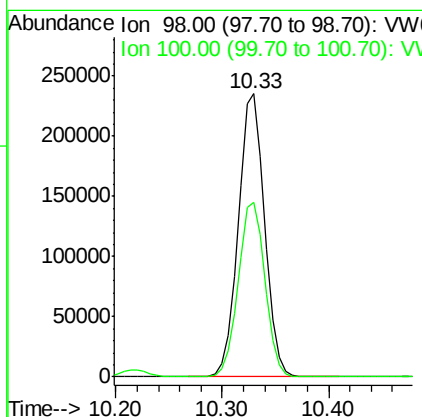
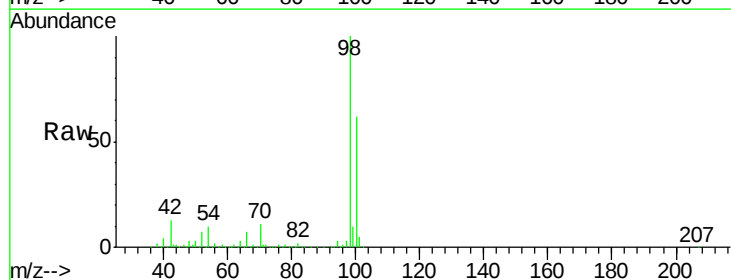
RT: 10.33 min Scan# 1434

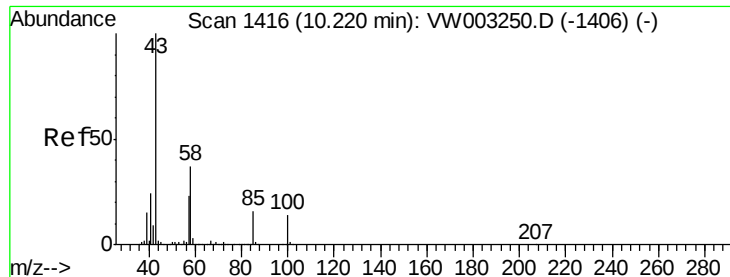
Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Tgt Ion	98	Resp	406567
Ion Ratio	Lower	Upper	
98	100		
100	63.0	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 66.07 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion: 43 Resp: 83752

Ion Ratio Lower Upper

43 100

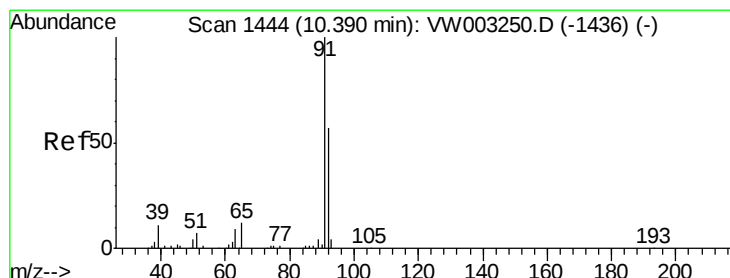
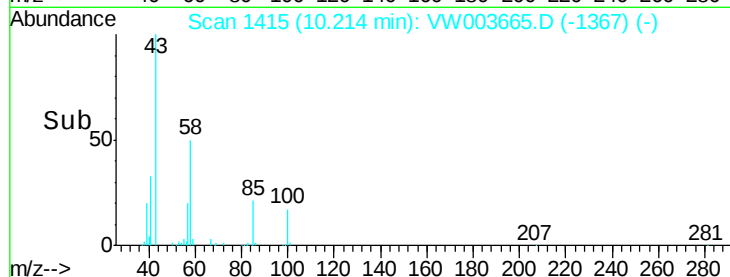
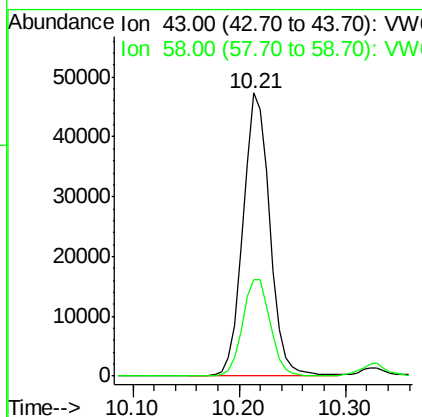
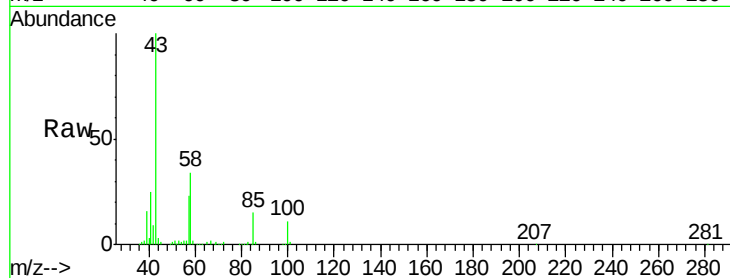
58 35.4 29.0 43.4

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#52

Toluene

Concen: 12.06 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003665.D

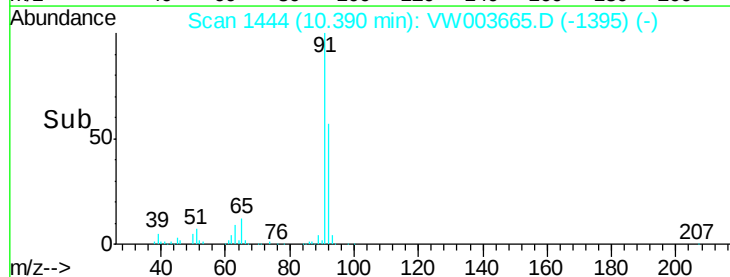
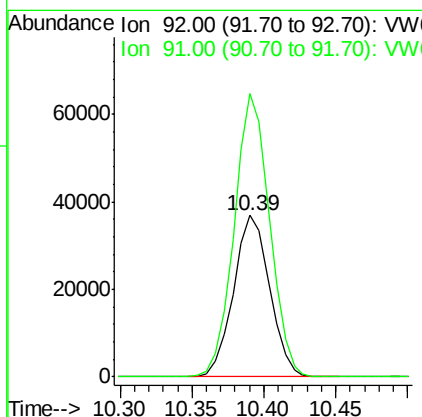
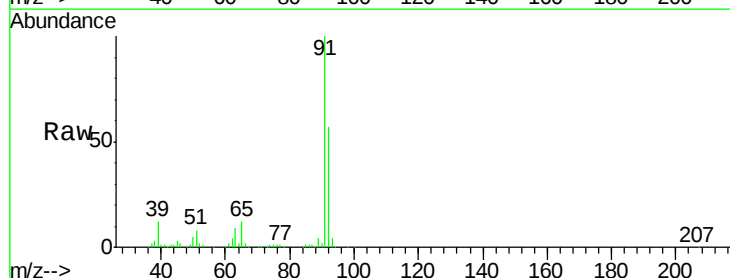
Acq: 29 Jun 2018 17:15

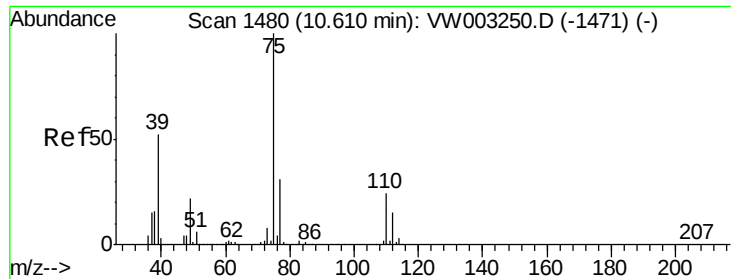
Tgt Ion: 92 Resp: 64441

Ion Ratio Lower Upper

92 100

91 171.4 141.1 211.7





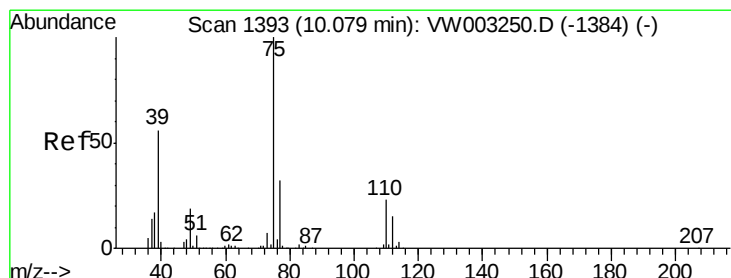
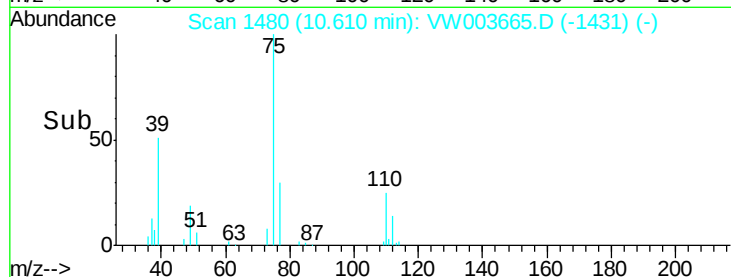
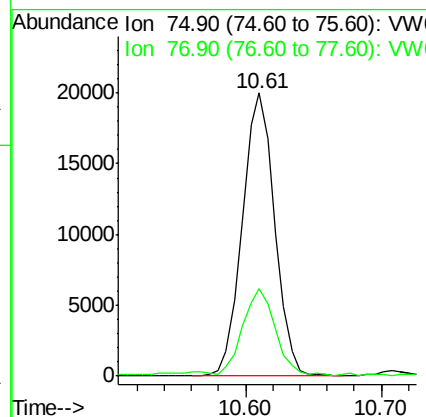
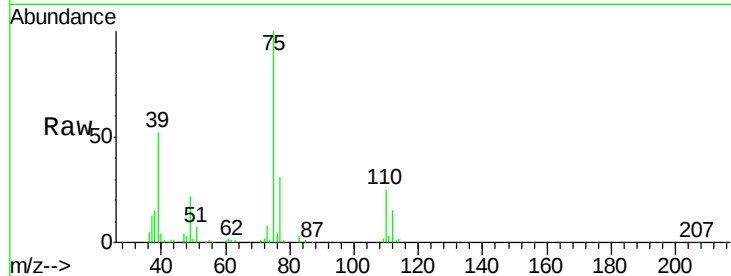
#53
t-1,3-Dichloropropene
Concen: 11.65 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion: 75 Resp: 33147
Ion Ratio Lower Upper
75 100
77 30.3 24.9 37.3

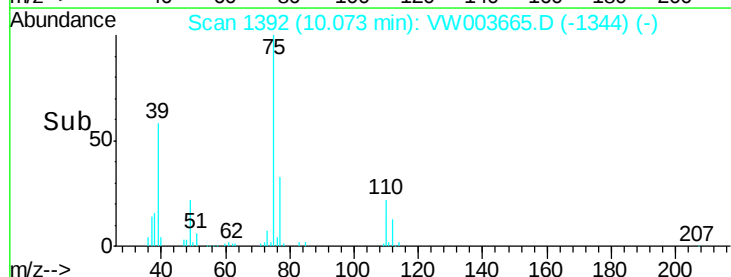
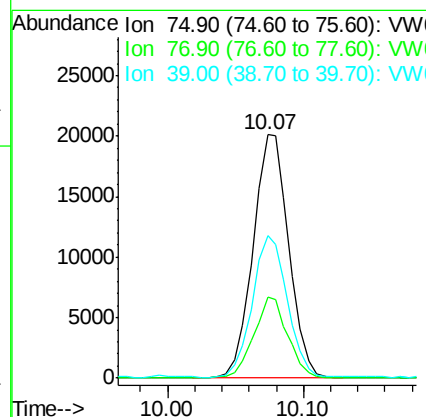
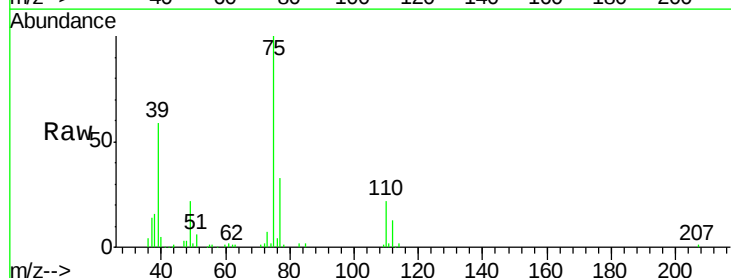
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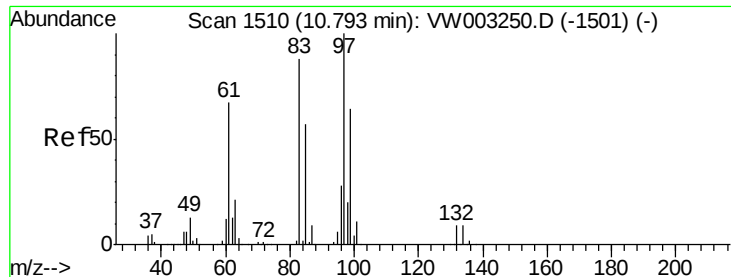
apatel
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#54
cis-1,3-Dichloropropene
Concen: 11.40 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion: 75 Resp: 36903
Ion Ratio Lower Upper
75 100
77 33.4 25.8 38.6
39 58.2 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 12.85 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion: 97 Resp: 19670

Ion Ratio Lower Upper

97 100

83 87.3 70.2 105.2

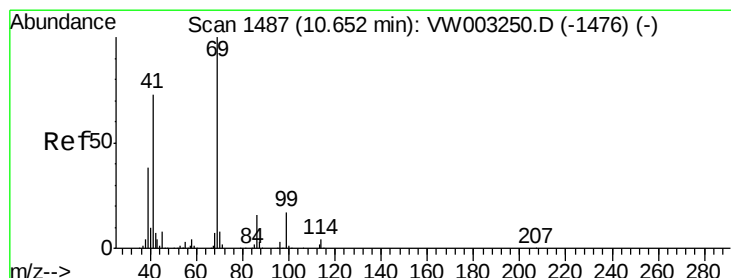
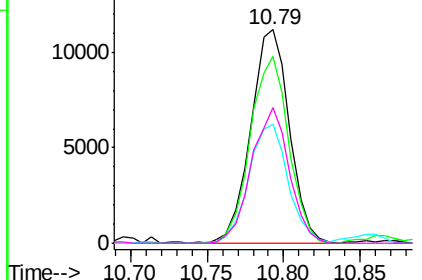
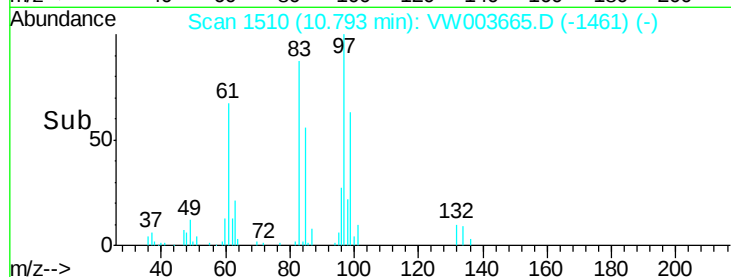
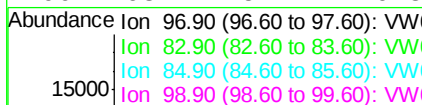
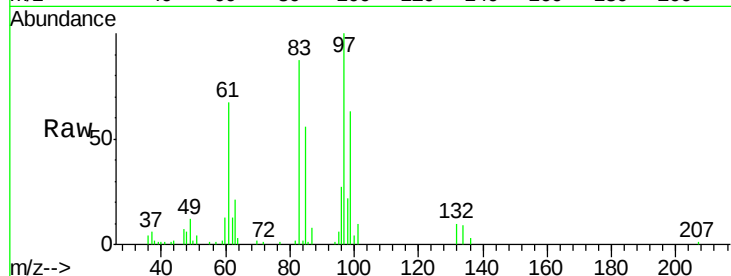
85 55.7 45.6 68.4

99 63.2 51.2 76.8

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#56

Ethyl methacrylate

Concen: 11.78 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

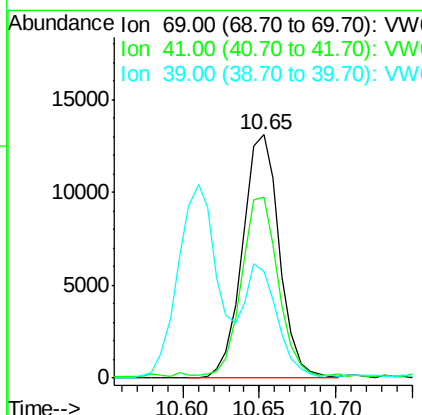
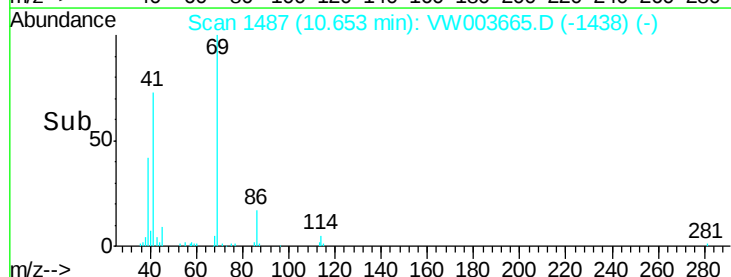
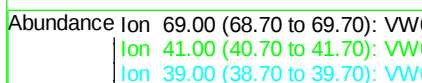
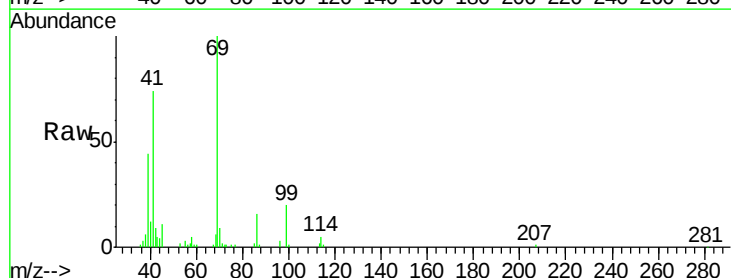
Tgt Ion: 69 Resp: 21905

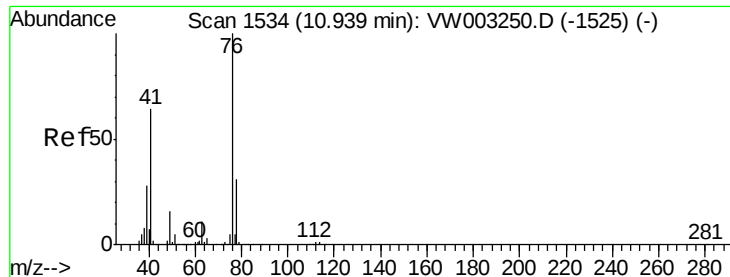
Ion Ratio Lower Upper

69 100

41 72.2 57.8 86.6

39 39.9 32.7 49.1





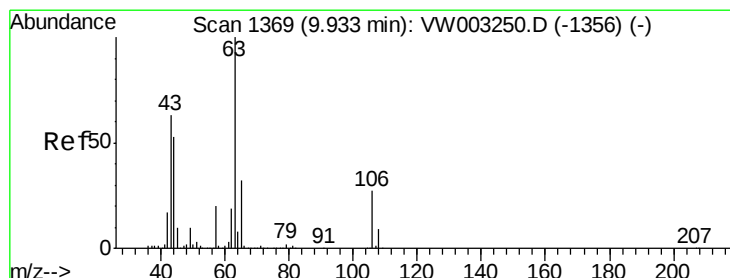
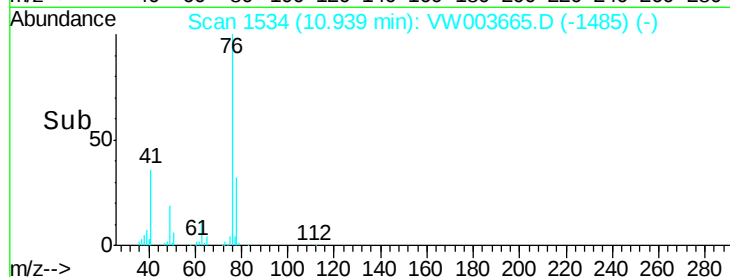
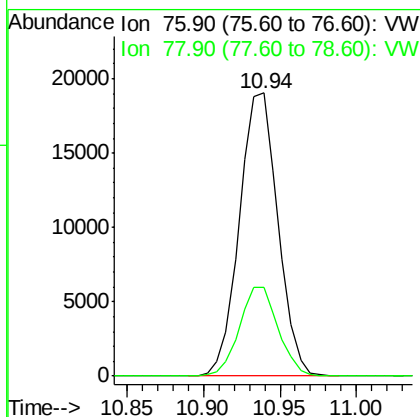
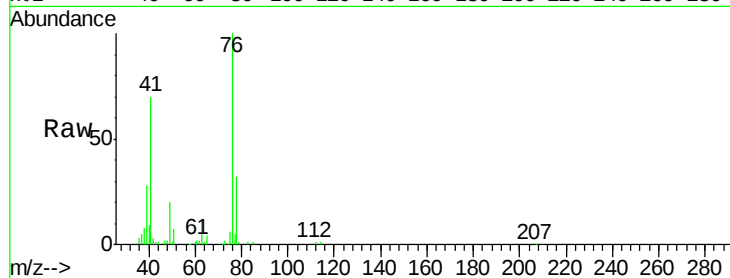
#57
 1,3-Dichloropropane
 Concen: 12.62 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003665.D
 Acq: 29 Jun 2018 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2018

Tot Ion: 76 Resp: 33327
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5

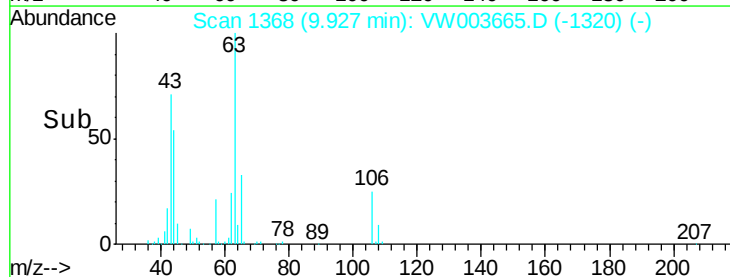
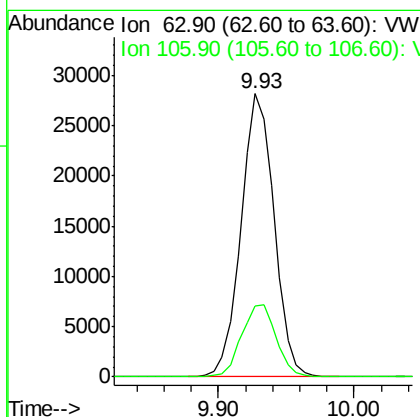
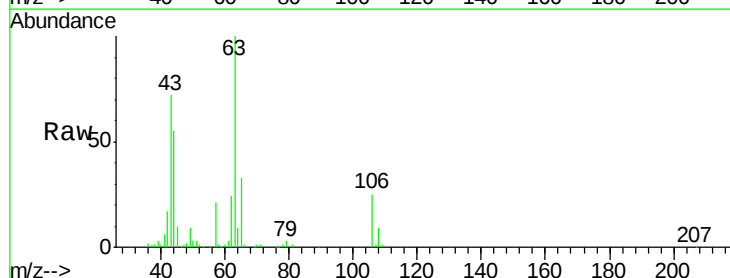
Manual Integrations
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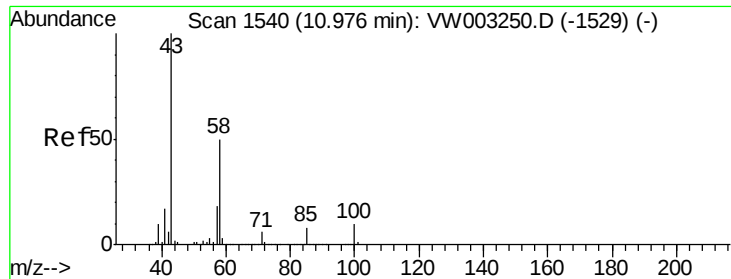
apatel
 7/2/2018 10:30:54 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 57.42 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003665.D
 Acq: 29 Jun 2018 17:15

Tgt Ion: 63 Resp: 47858
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.8 32.8





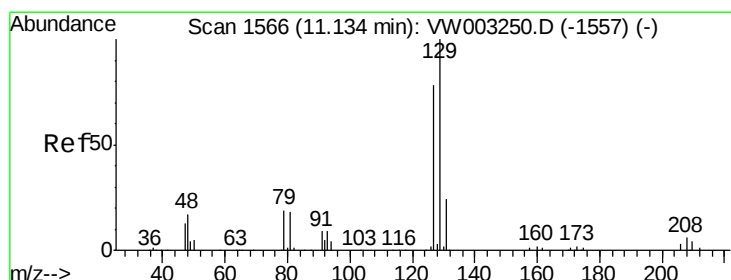
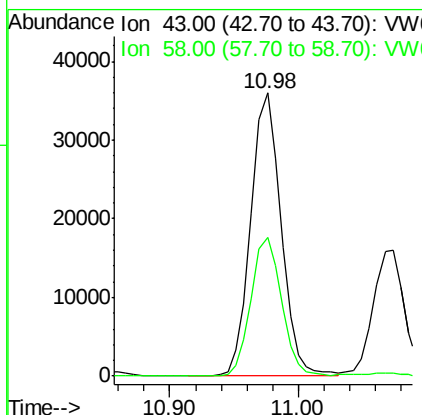
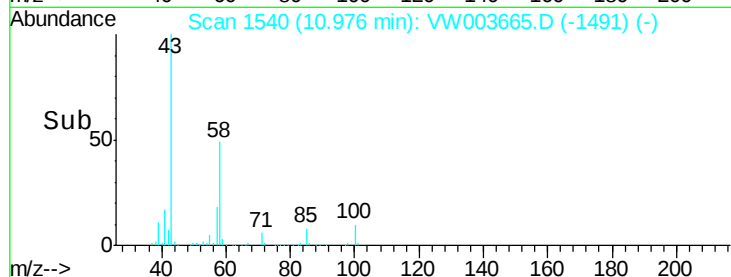
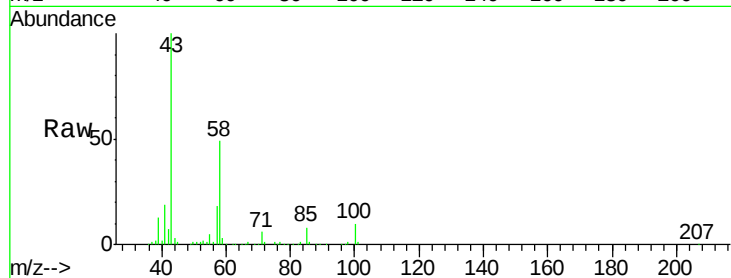
#59
2-Hexanone
Concen: 66.37 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion: 43 Resp: 58768
Ion Ratio Lower Upper
43 100
58 49.1 25.0 75.0

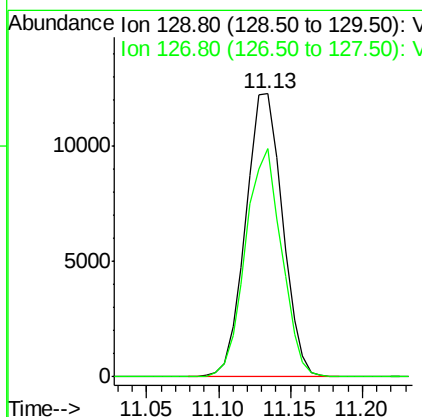
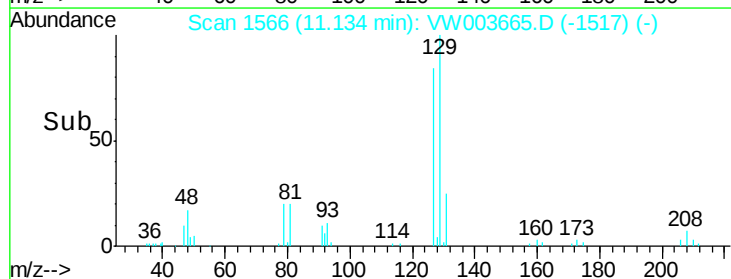
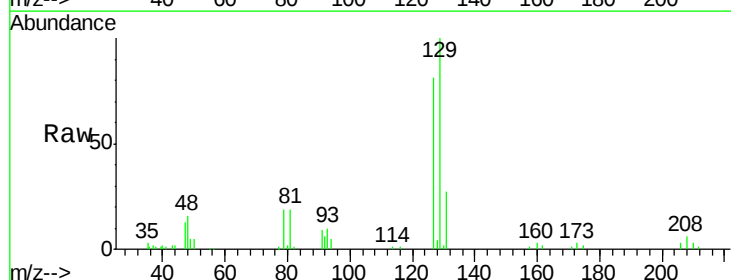
Manual Integrations
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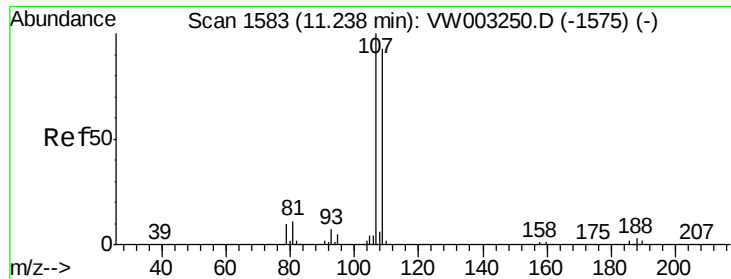
apatel
7/2/2018 10:30:54 AM



#60
Dibromochloromethane
Concen: 11.98 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion: 129 Resp: 21816
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.5





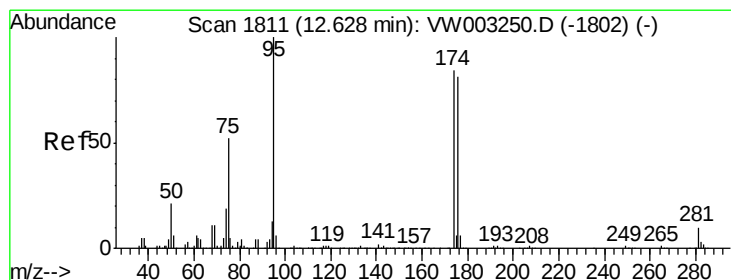
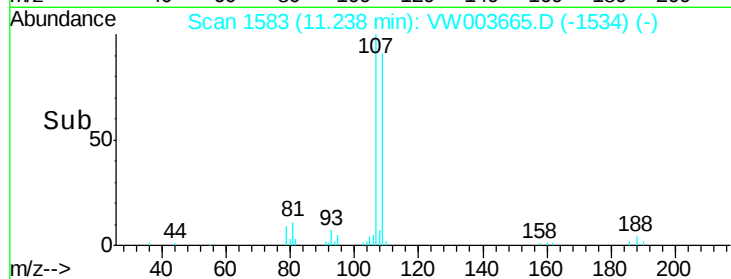
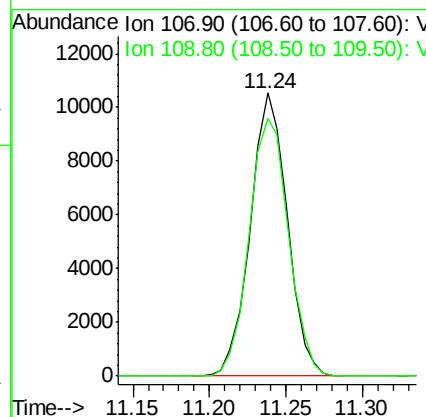
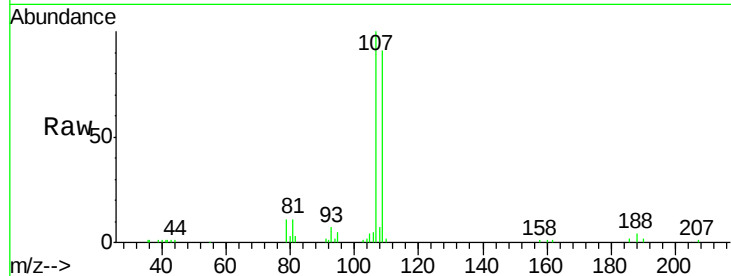
#61
 1,2-Dibromoethane
 Concen: 12.21 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003665.D
 Acq: 29 Jun 2018 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2018

Tot Ion: 107 Resp: 17687
 Ion Ratio Lower Upper
 107 100
 109 97.0 75.8 113.6

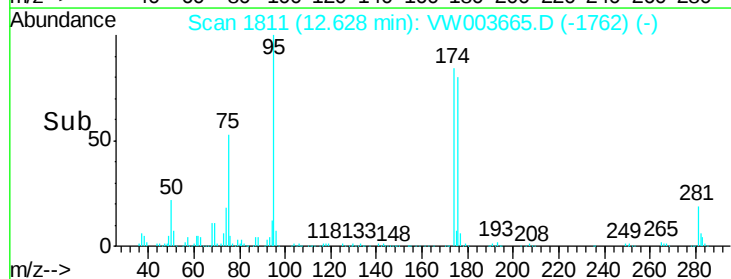
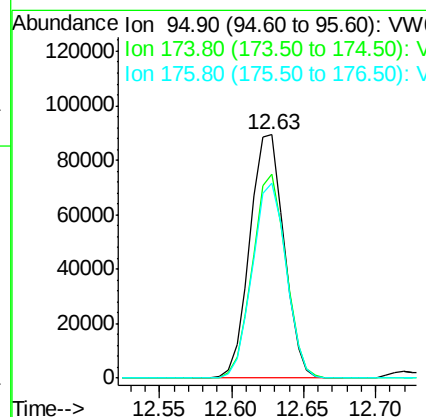
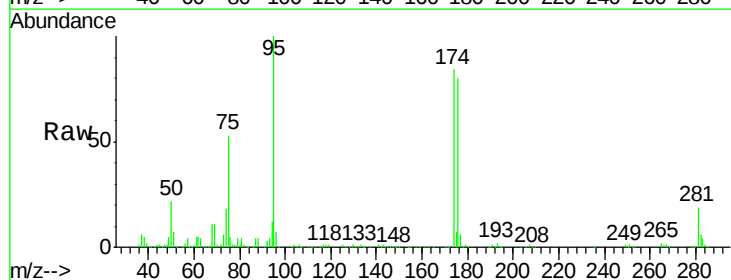
Manual Integrations
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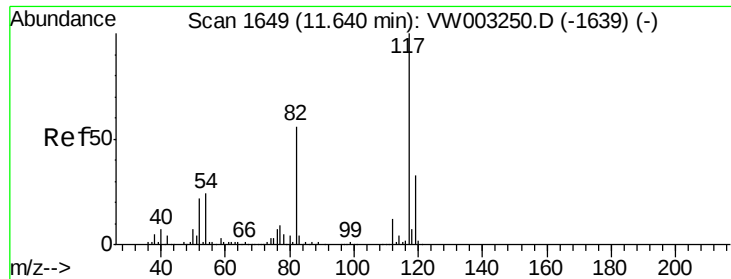
apatel
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#62
 4-Bromofluorobenzene
 Concen: 53.62 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003665.D
 Acq: 29 Jun 2018 17:15

Tgt Ion: 95 Resp: 146394
 Ion Ratio Lower Upper
 95 100
 174 81.9 0.0 166.4
 176 79.3 0.0 162.0





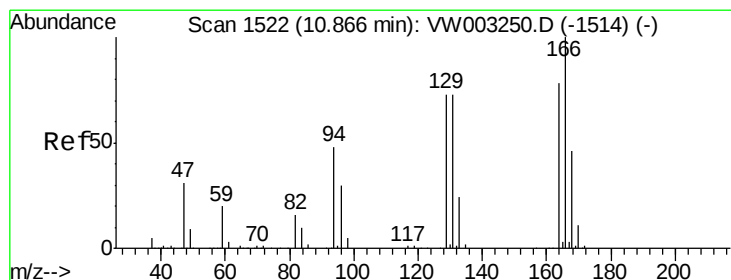
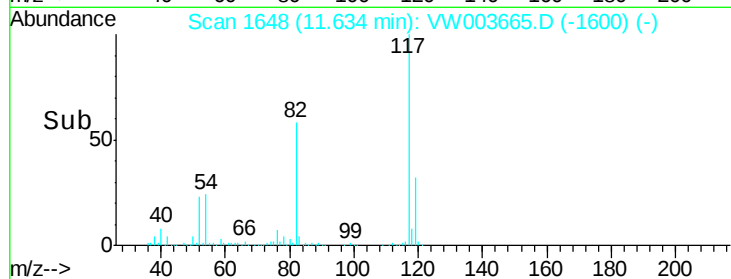
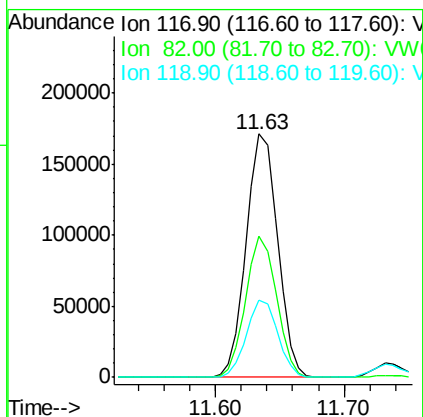
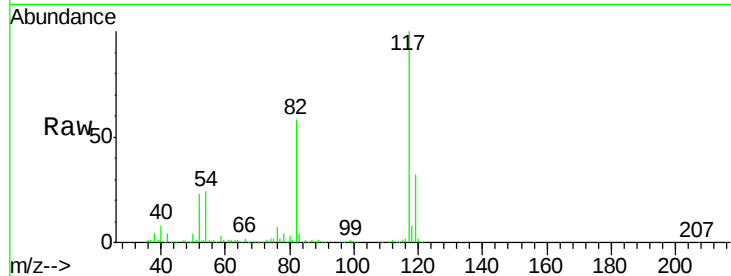
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
117	100	288947		
82	58.1		44.6	67.0
119	31.8		26.7	40.1

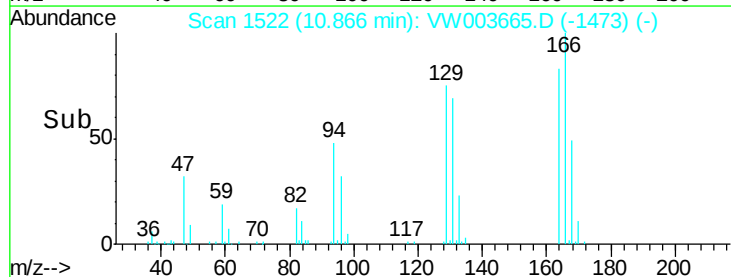
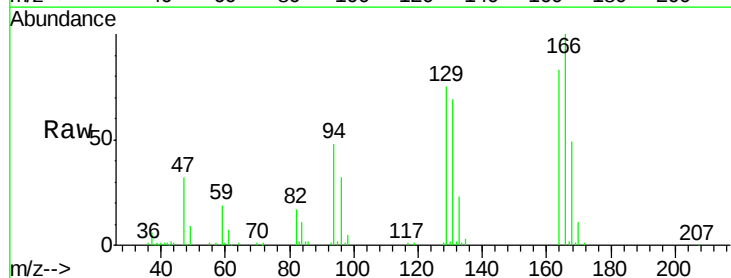
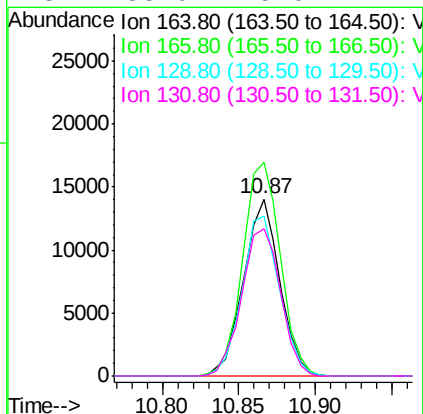
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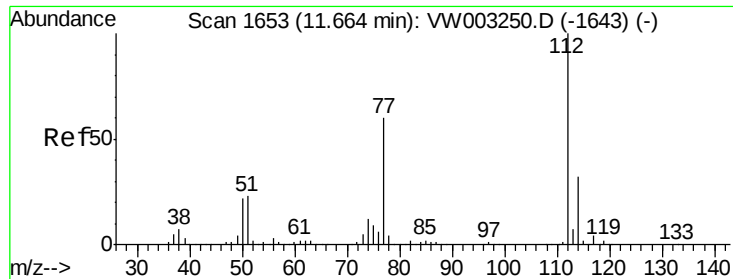
apatel
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#64
Tetrachloroethene
Concen: 11.94 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	23066		
166	120.7		102.6	154.0
129	90.2		75.2	112.8
131	83.0		75.0	112.4





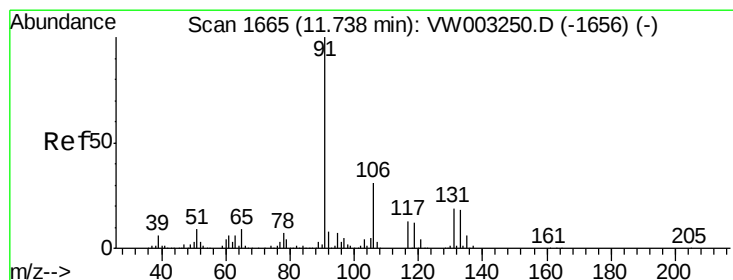
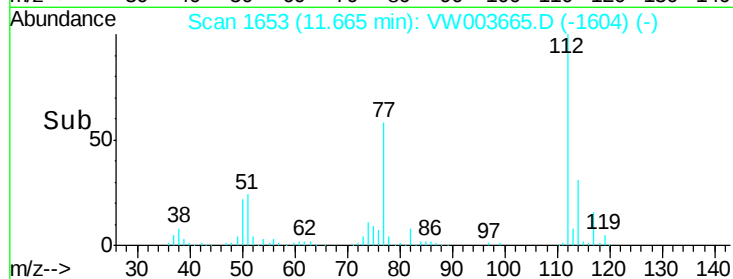
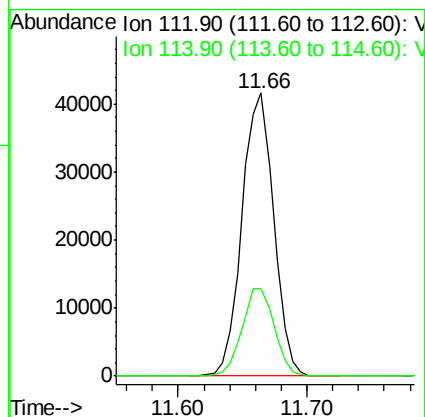
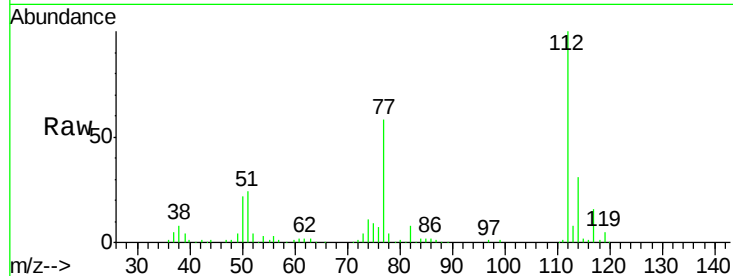
#65
Chlorobenzene
Concen: 11.72 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion:112 Resp: 70545
Ion Ratio Lower Upper
112 100
114 31.1 25.9 38.9

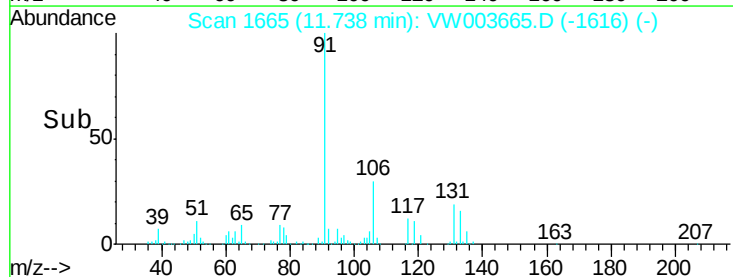
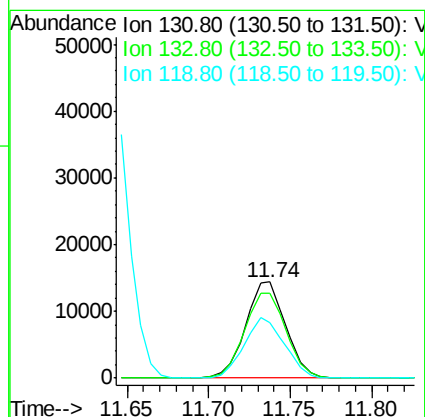
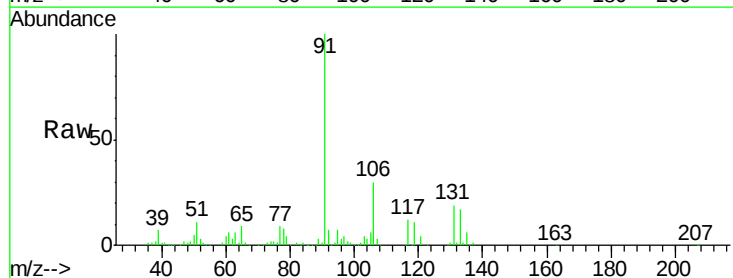
Manual Integrations
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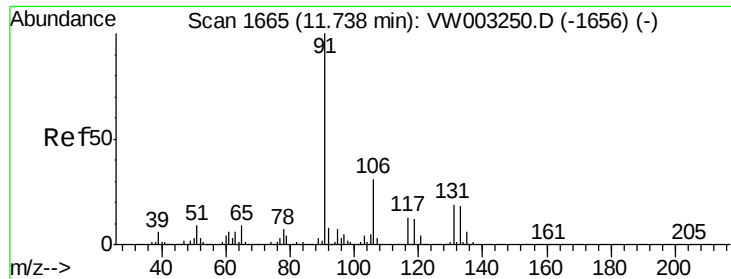
apatel
7/2/2018 10:30:54 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 11.65 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion:131 Resp: 24630
Ion Ratio Lower Upper
131 100
133 91.9 47.3 142.0
119 63.3 32.5 97.4





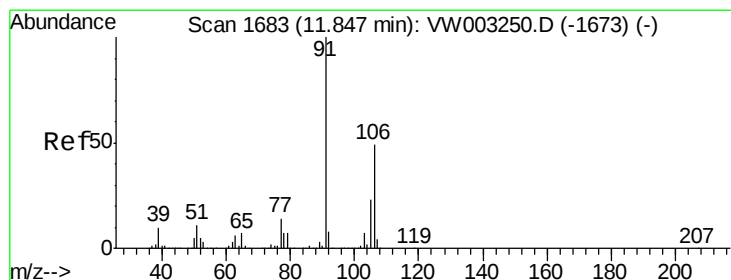
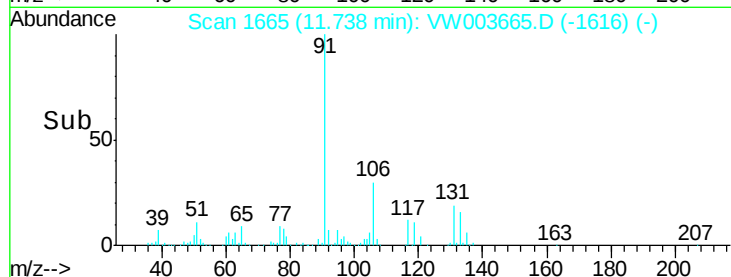
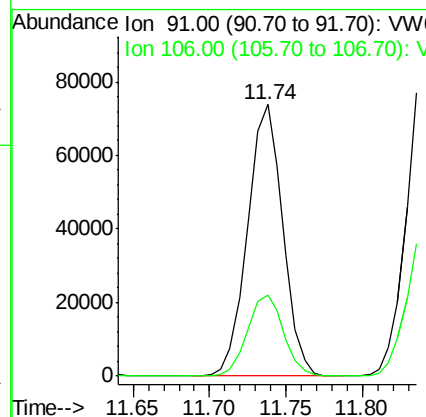
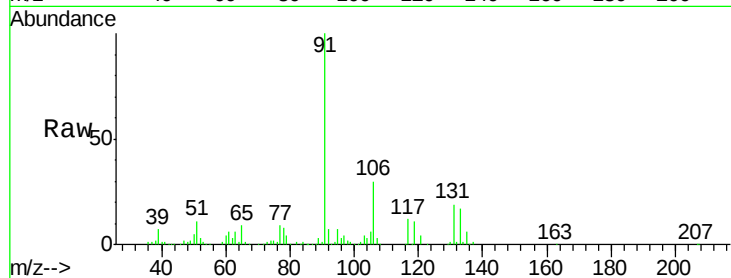
#67
Ethyl Benzene
Concen: 11.10 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion: 91 Resp: 118355
Ion Ratio Lower Upper
91 100
106 30.0 24.7 37.1

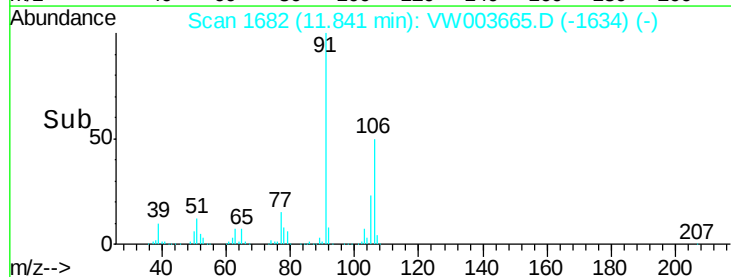
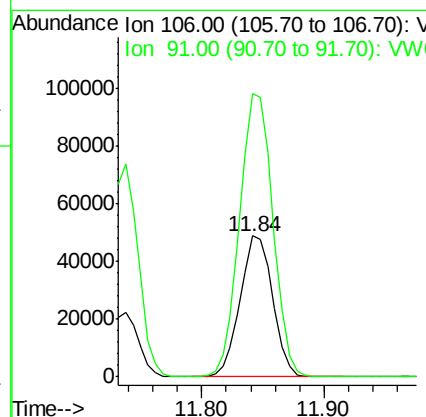
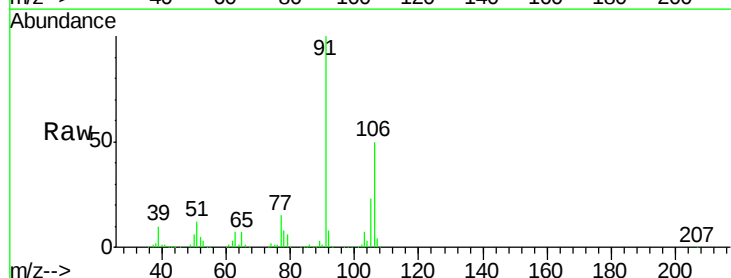
Manual Integrations
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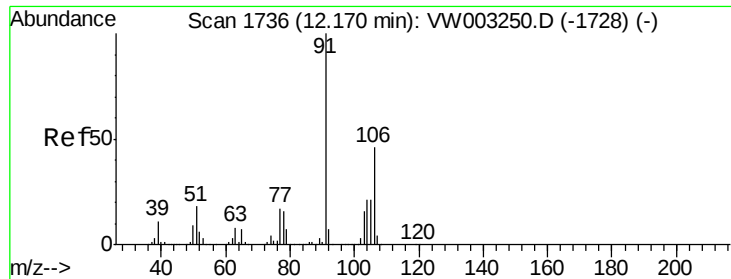
apatel
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#68
m/p-Xylenes
Concen: 22.23 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion: 106 Resp: 90119
Ion Ratio Lower Upper
106 100
91 205.8 165.4 248.0





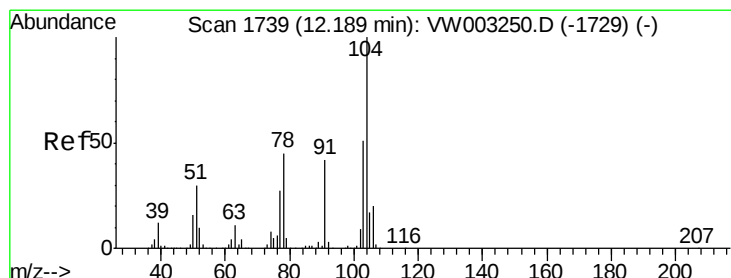
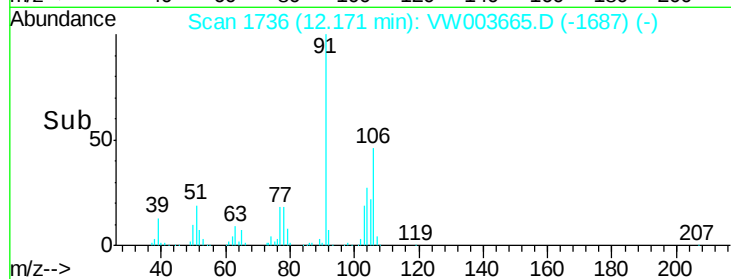
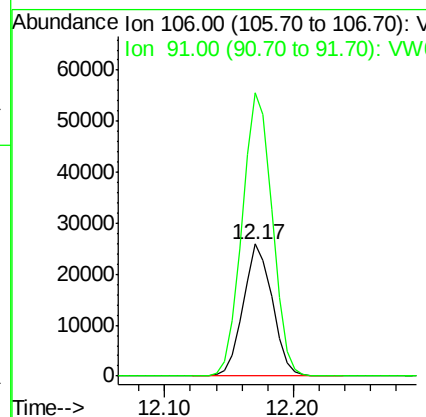
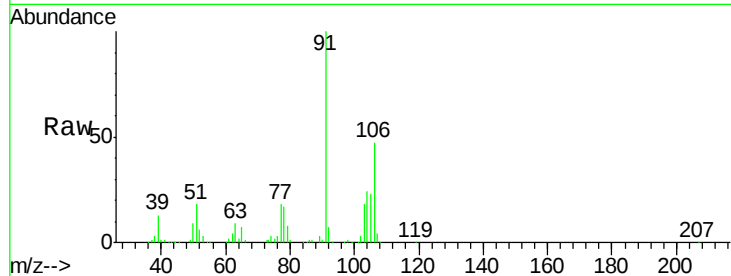
#69
o-Xylene
Concen: 10.79 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion:106 Resp: 40549
Ion Ratio Lower Upper
106 100
91 221.5 108.6 325.6

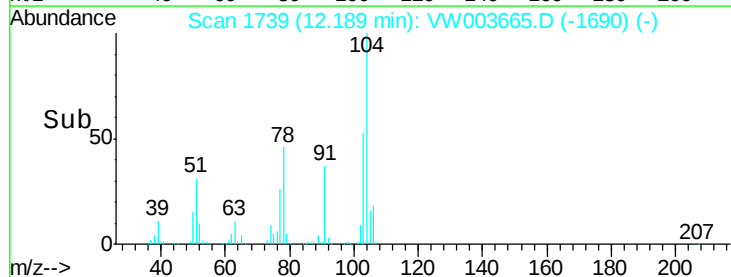
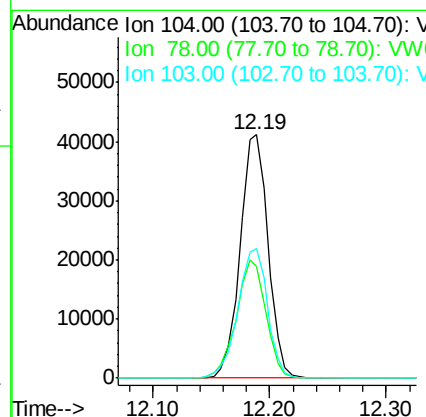
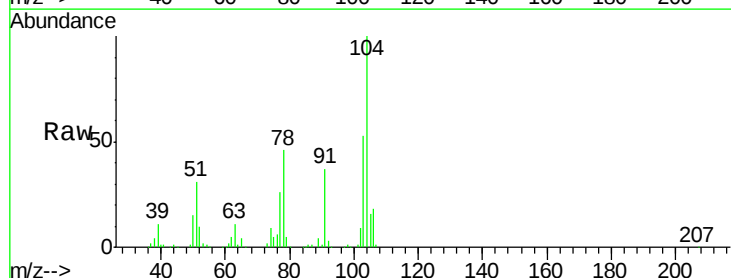
Manual Integrations
APPROVED

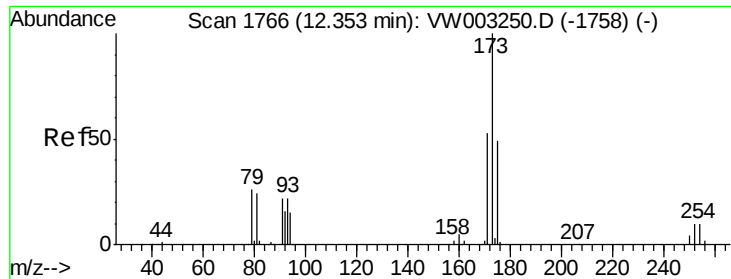
apatel
7/2/2018 10:30:54 AM



#70
Styrene
Concen: 11.03 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion:104 Resp: 69004
Ion Ratio Lower Upper
104 100
78 51.3 41.3 61.9
103 56.6 45.0 67.4





#71

Bromoform

Concen: 11.95 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

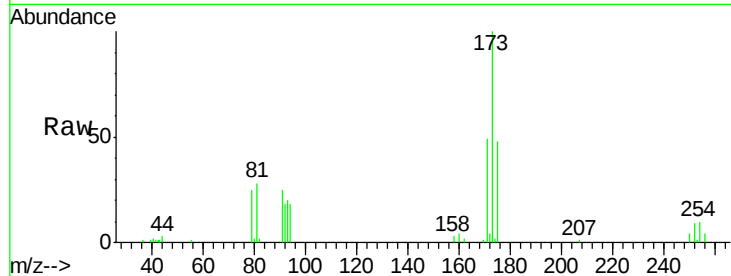
ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.4	73.4
254	0.0	0.1	0.1#

Manual Integrations
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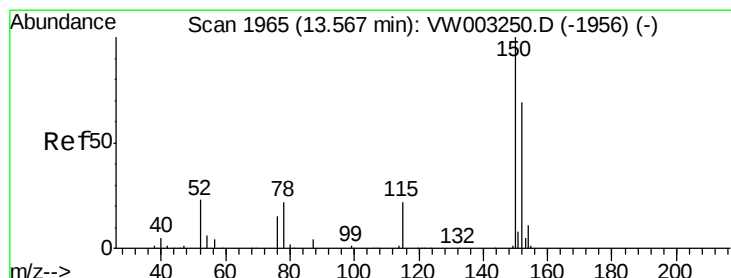
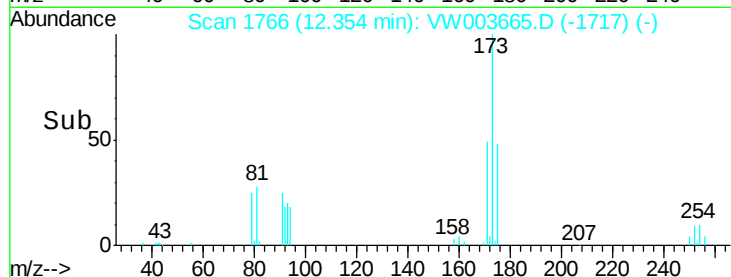
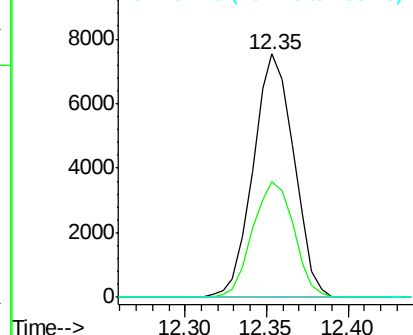


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

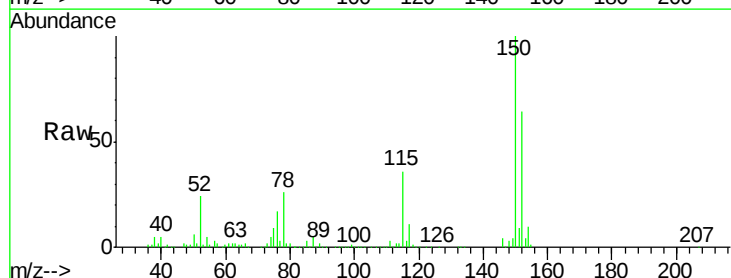
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.3	88.0
150	160.1	0.0	349.6

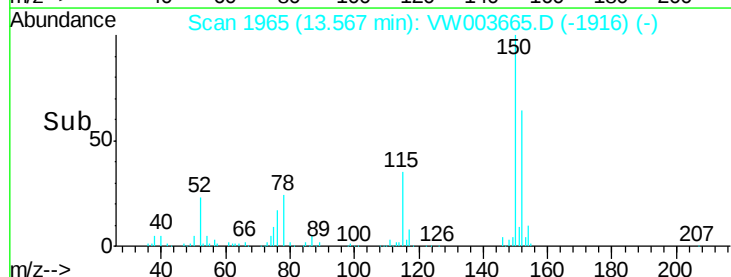
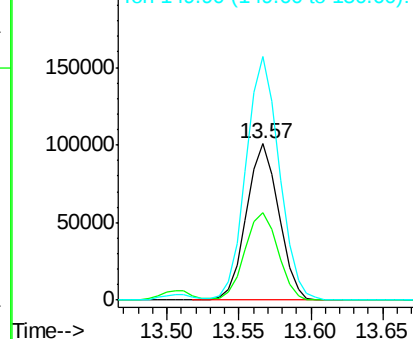


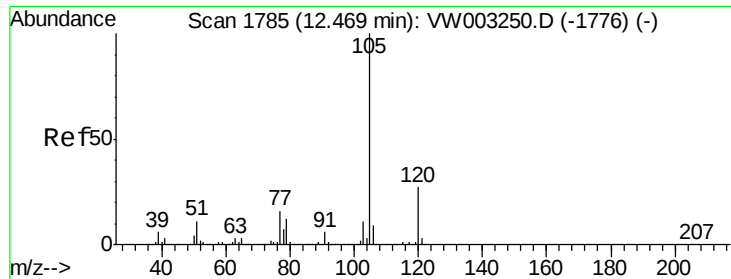
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





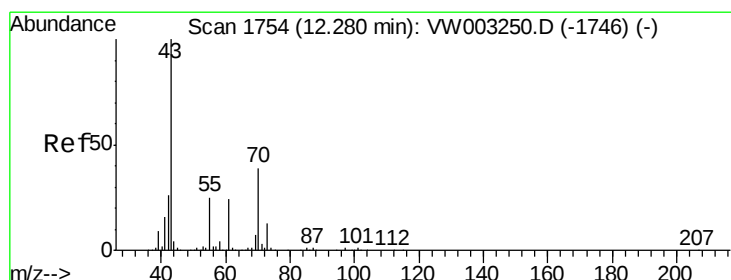
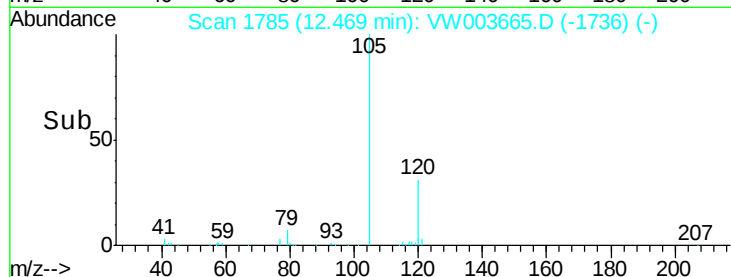
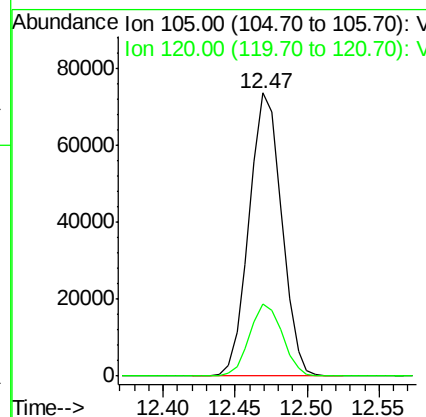
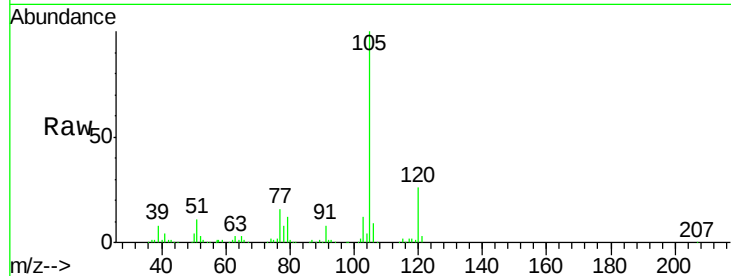
#73
Isopropylbenzene
Concen: 10.58 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
105	100	115026		
120	25.8	13.2	39.6	

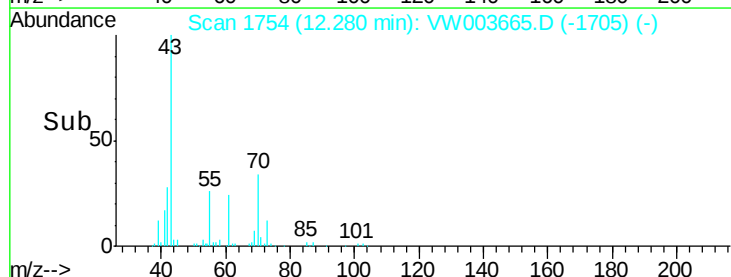
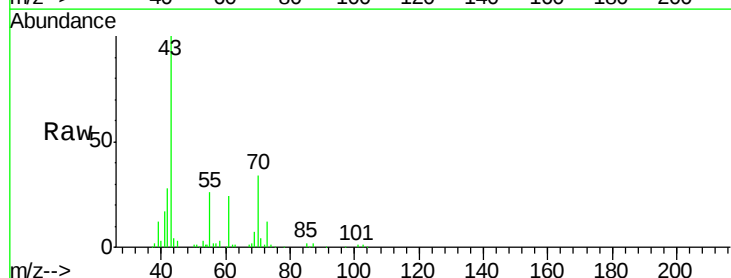
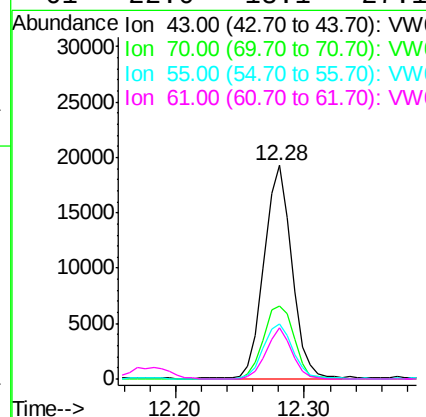
Manual Integrations
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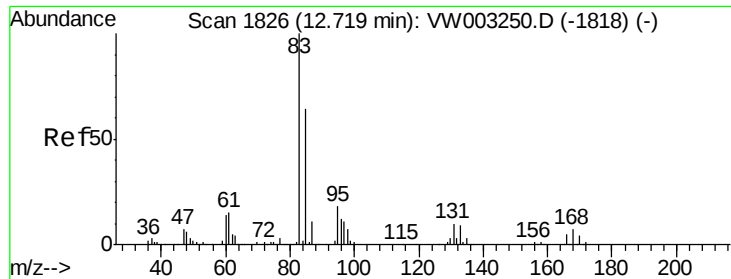
apatel
7/2/2018 10:30:54 AM



#74
N-ethyl acetate
Concen: 11.73 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	29047		
70	37.6	31.0	46.6	
55	27.3	19.7	29.5	
61	22.0	18.1	27.1	





#75

1,1,2,2-Tetrachloroethane

Concen: 13.15 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

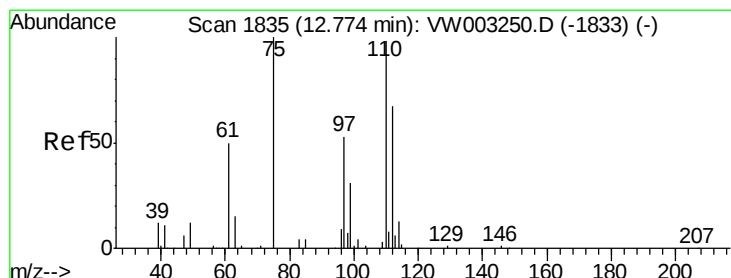
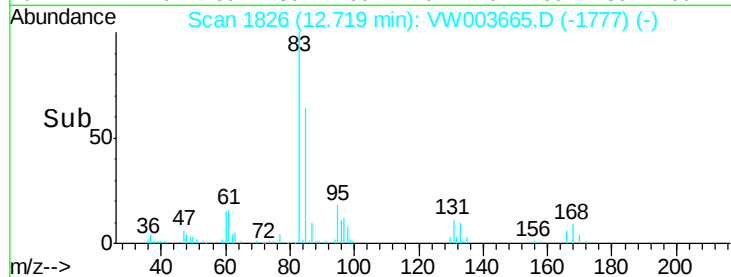
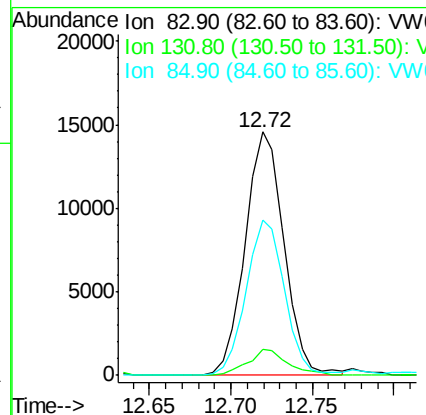
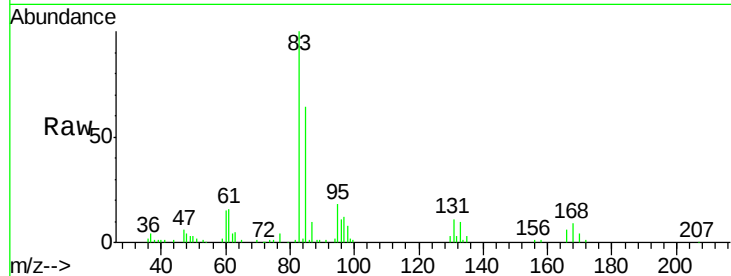
ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion:	83	Resp:	24190
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.4	16.2
85	62.8	31.9	95.7

Manual Integrations
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apatel
7/2/2018 10:30:54 AM



#76

1,2,3-Trichloropropane

Concen: 12.19 ug/l m

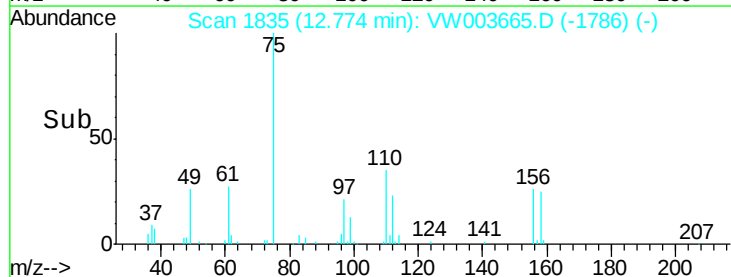
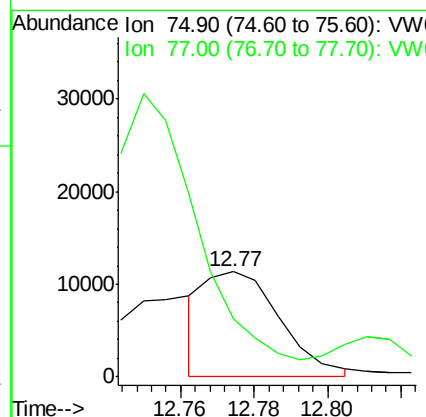
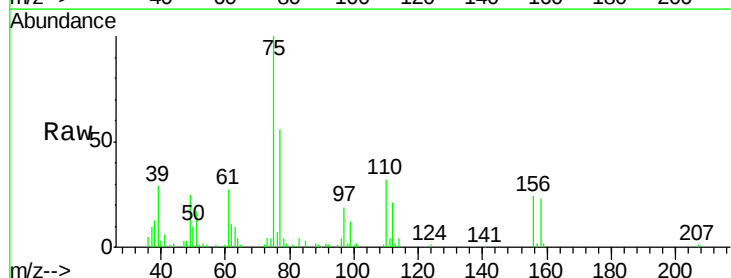
RT: 12.77 min Scan# 1835

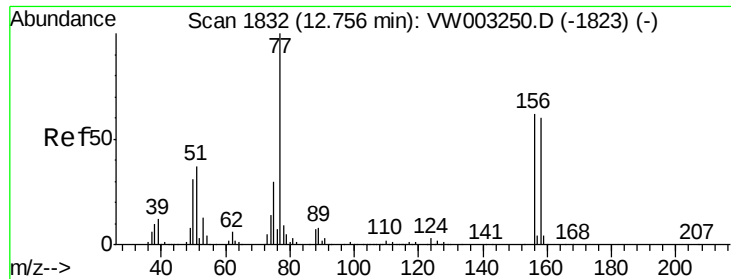
Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Tgt Ion:	75	Resp:	16289
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





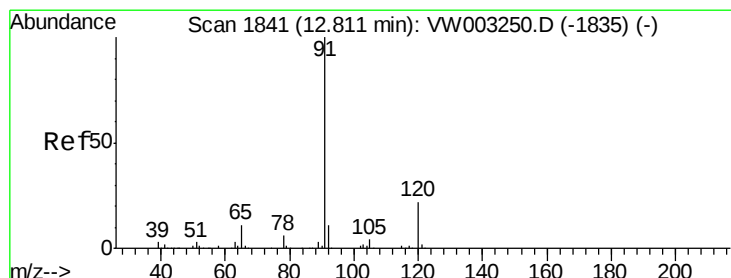
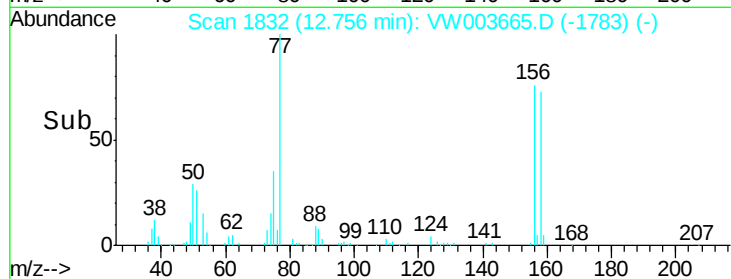
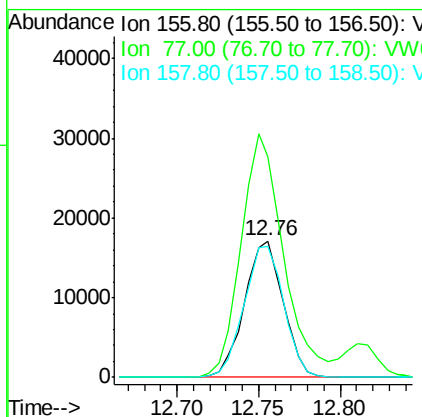
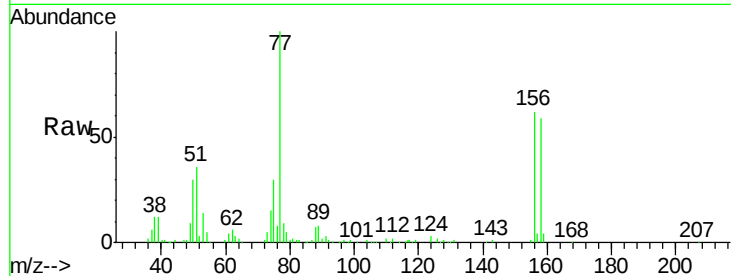
#77
Bromobenzene
Concen: 11.16 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
156	100		
77	195.7	92.3	276.9
158	99.1	47.5	142.6

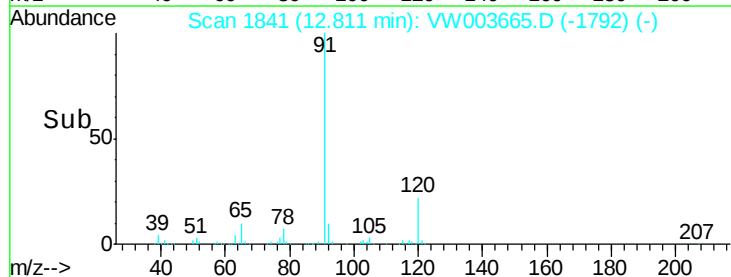
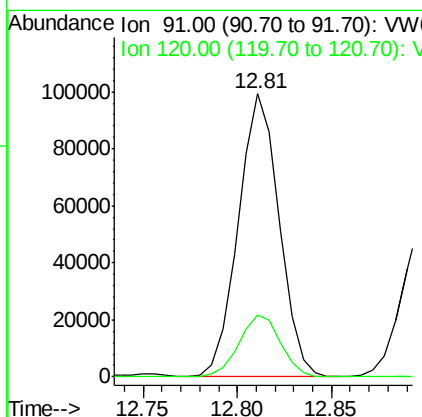
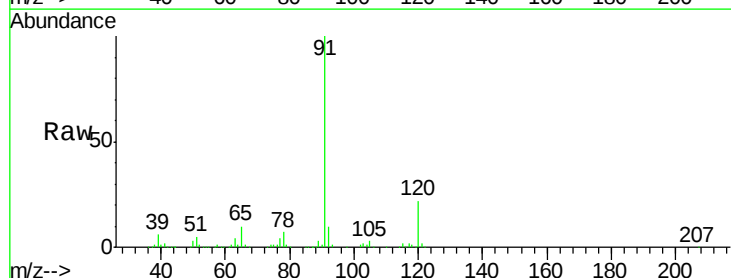
Manual Integrations
APPROVED

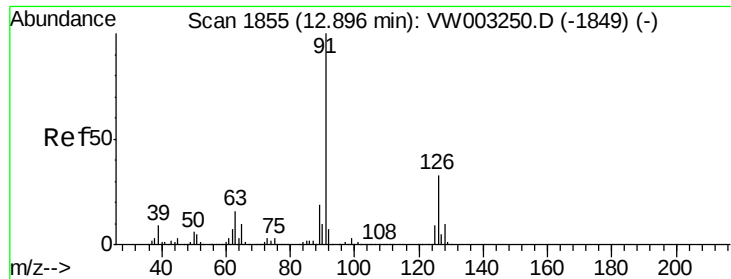
apatel
7/2/2018 10:30:54 AM



#78
n-propylbenzene
Concen: 11.16 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.3	33.8





#79

2-Chlorotoluene

Concen: 11.06 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion: 91 Resp: 83234

Ion Ratio Lower Upper

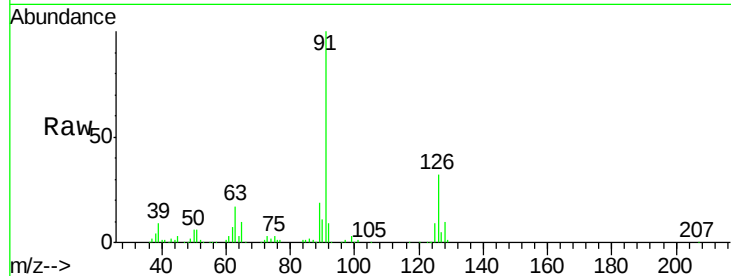
91 100

126 33.7 16.8 50.4

Manual Integrations
APPROVED

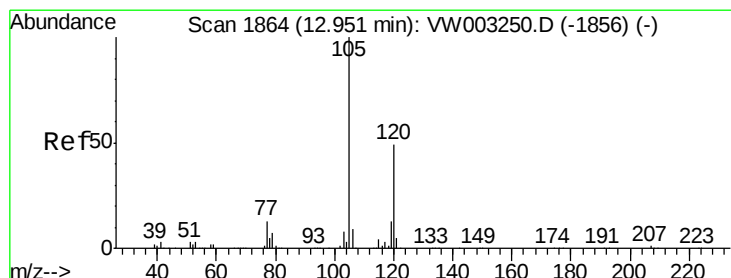
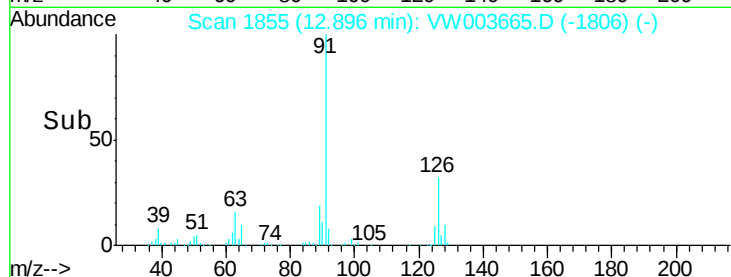
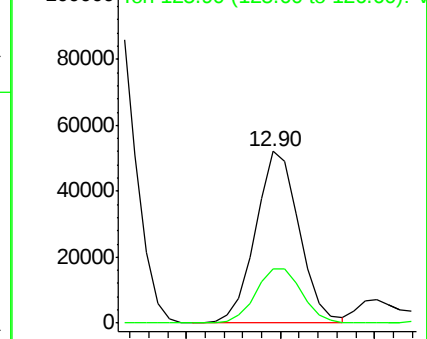
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.95 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003665.D

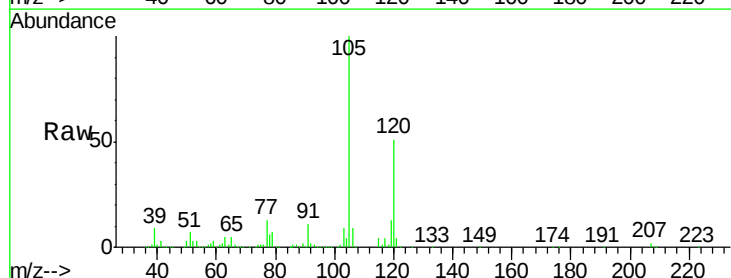
Acq: 29 Jun 2018 17:15

Tgt Ion: 105 Resp: 99956

Ion Ratio Lower Upper

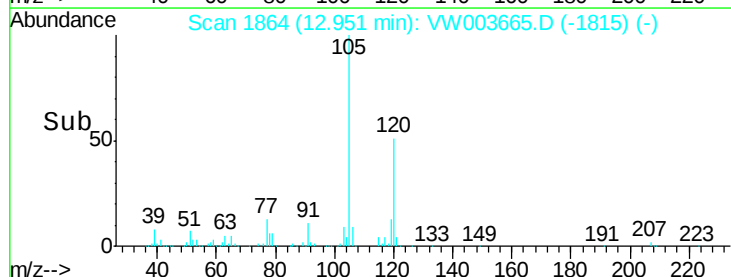
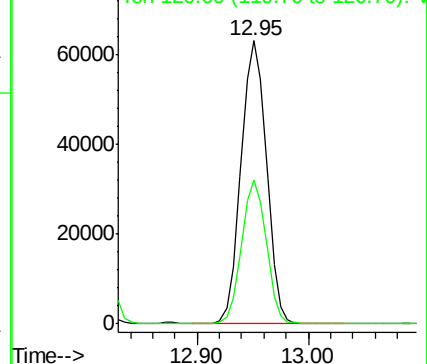
105 100

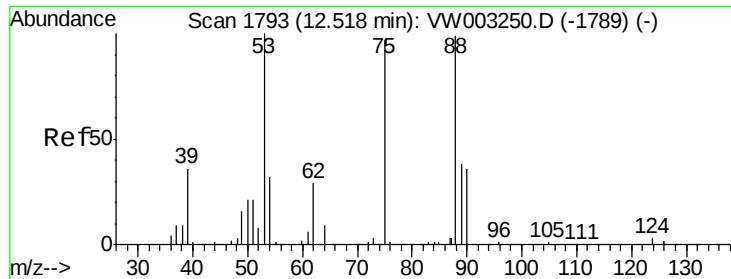
120 49.0 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





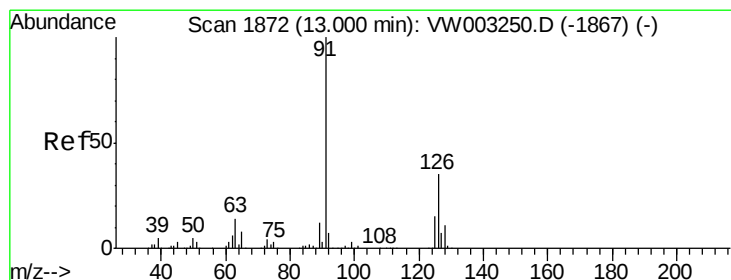
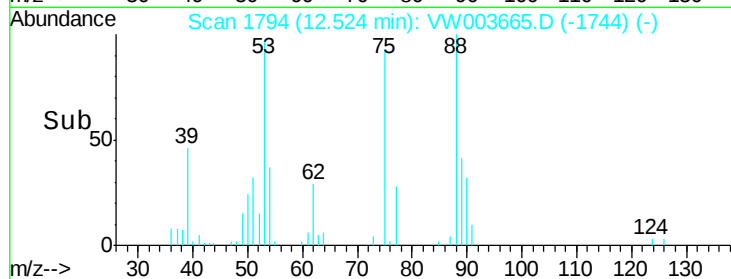
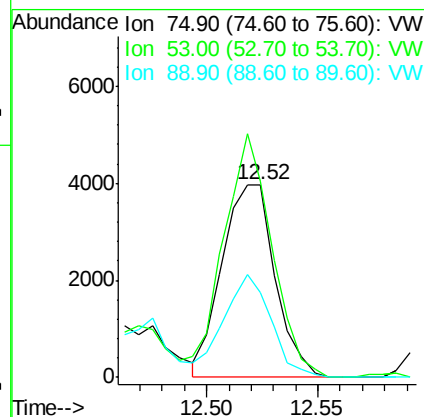
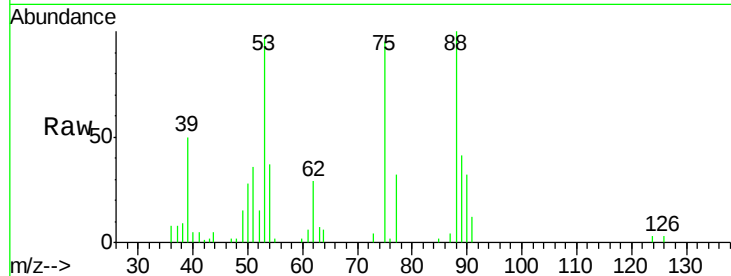
#81
trans-1,4-Dichloro-2-butene
Concen: 11.33 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. 0.01 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.0	82.9	124.3
89	47.5	36.7	55.1

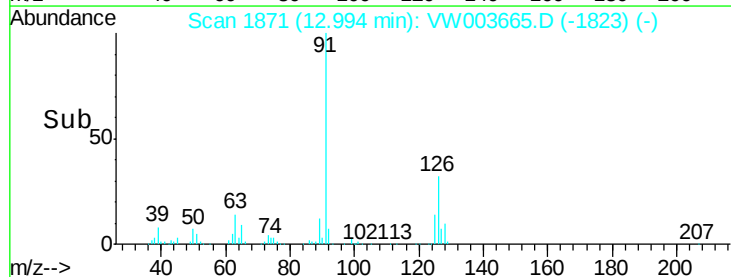
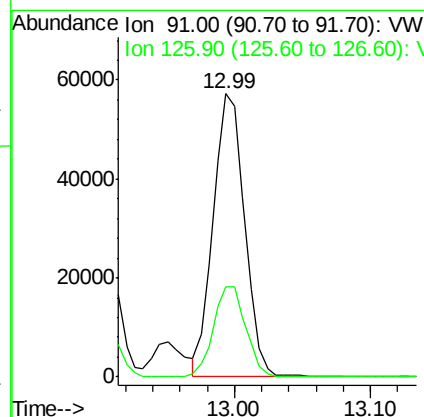
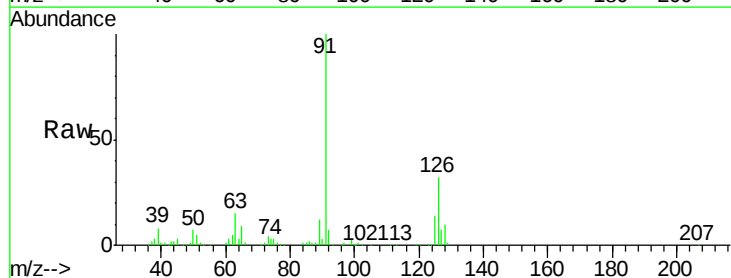
Manual Integrations
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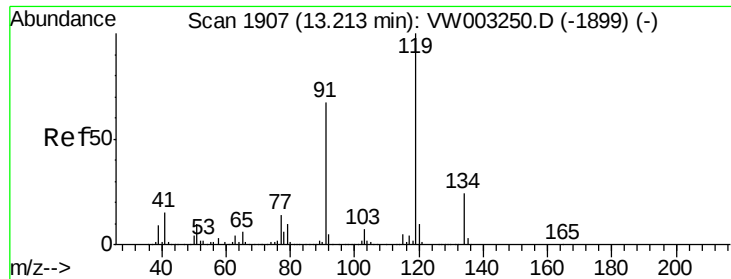
apatel
7/2/2018 10:30:54 AM



#82
4-Chlorotoluene
Concen: 11.45 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.8	50.3





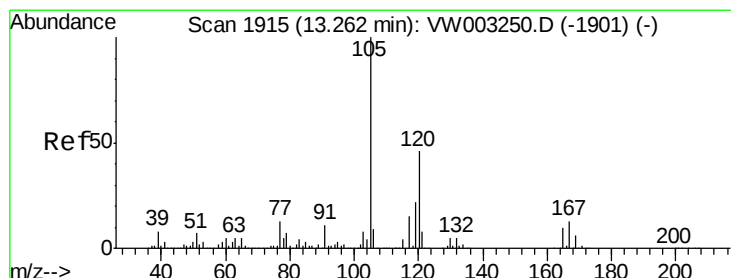
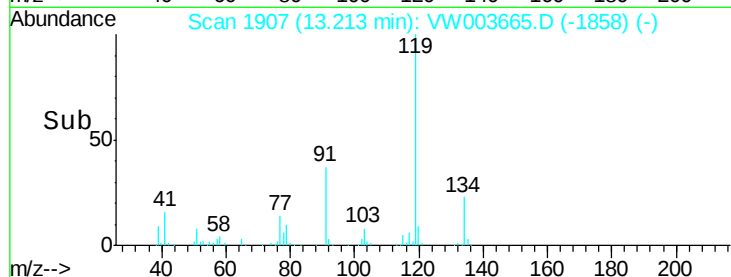
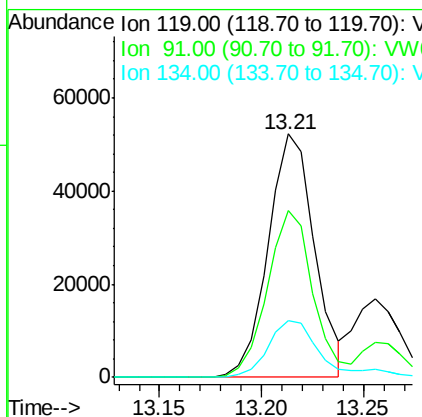
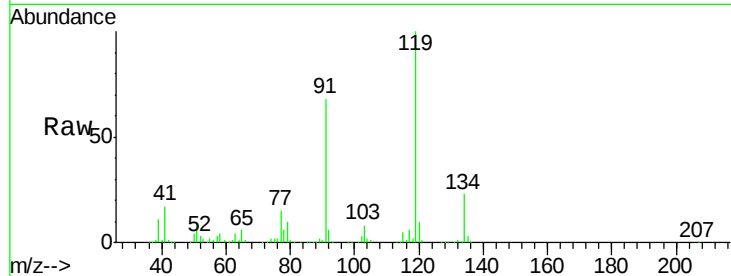
#83
 tert-Butylbenzene
 Concen: 10.62 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003665.D
 Acq: 29 Jun 2018 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
119	100	82593		
91	67.8		33.9	101.7
134	26.8		13.4	40.1

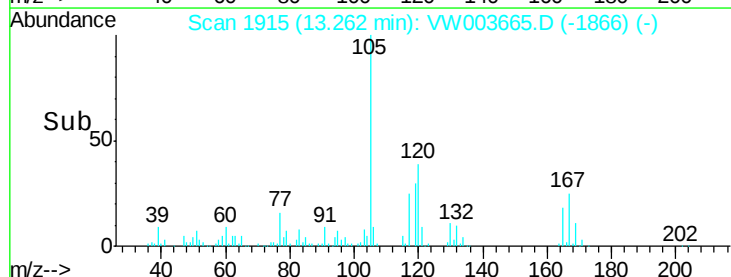
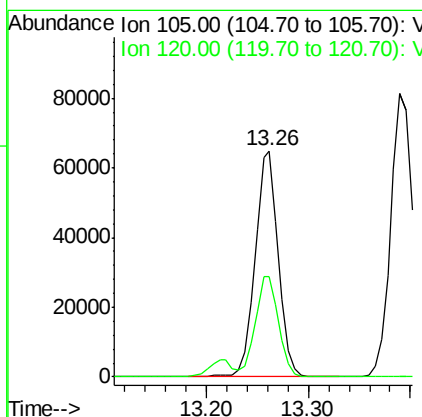
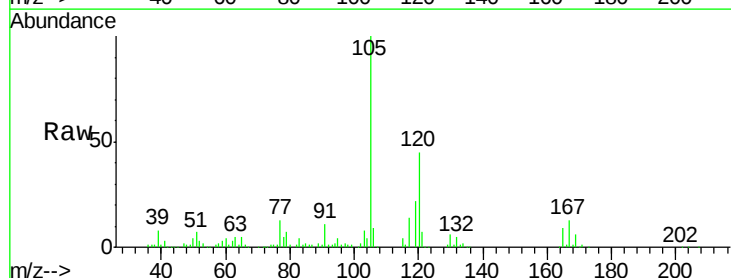
Manual Integrations
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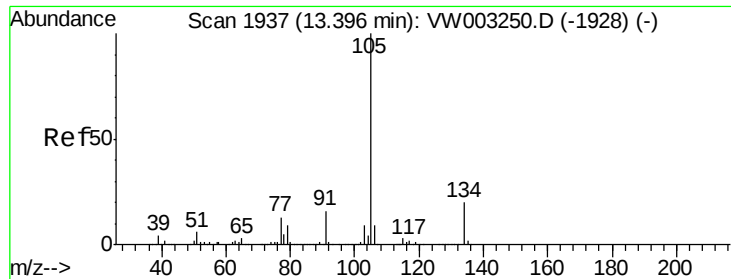
apatel
 7/2/2018 10:30:54 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 10.93 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003665.D
 Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	102643		
120	44.9		22.5	67.5





#85

sec-Butylbenzene

Concen: 10.72 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

ClientSampled :

LOQ-SOIL-02-QT3-2018

Tot Ion:105 Resp: 124013

Ion Ratio Lower Upper

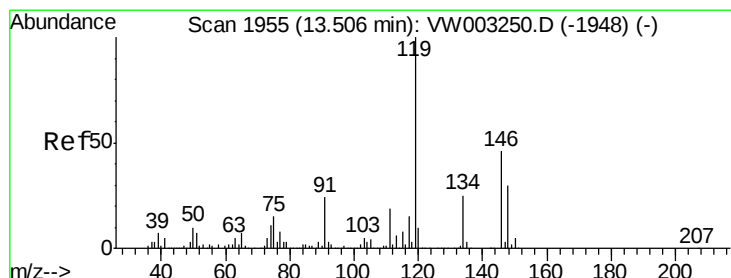
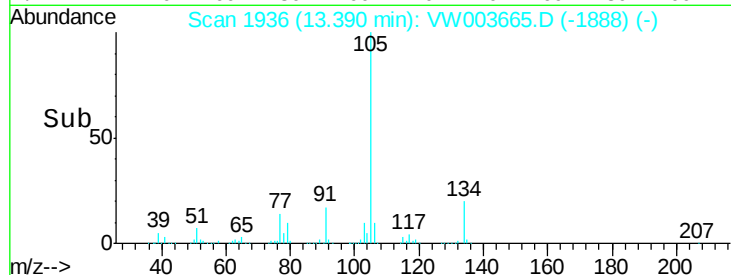
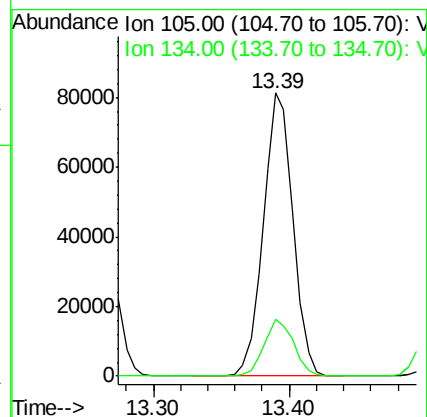
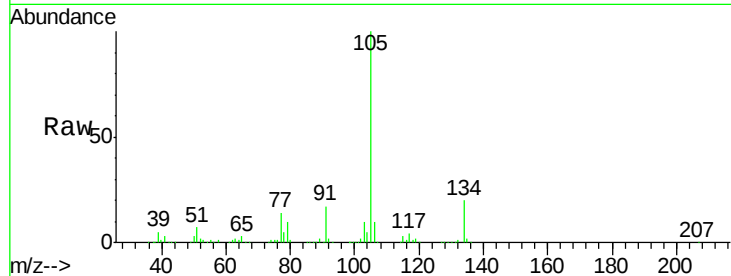
105 100

134 20.1 9.8 29.5

Manual Integrations
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apatel

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#86

p-Isopropyltoluene

Concen: 10.64 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

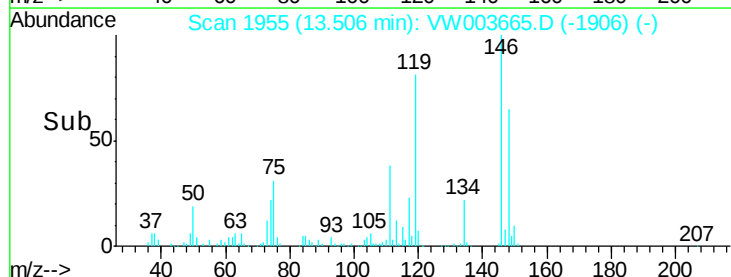
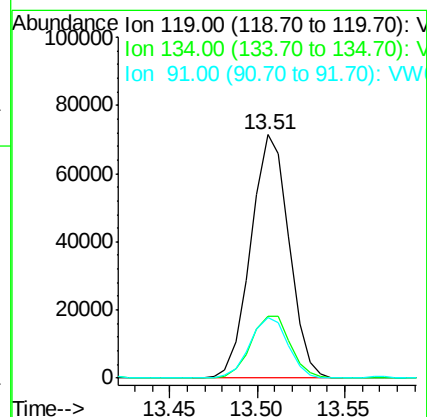
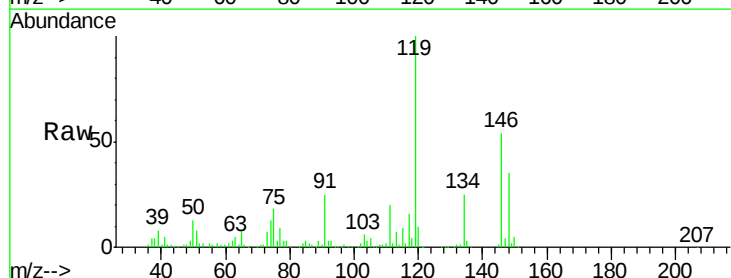
Tgt Ion:119 Resp: 108487

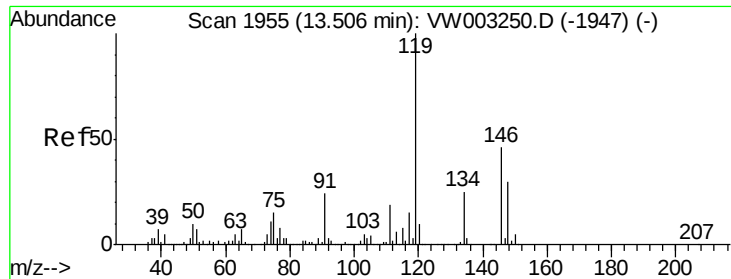
Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.7

91 24.9 11.8 35.3





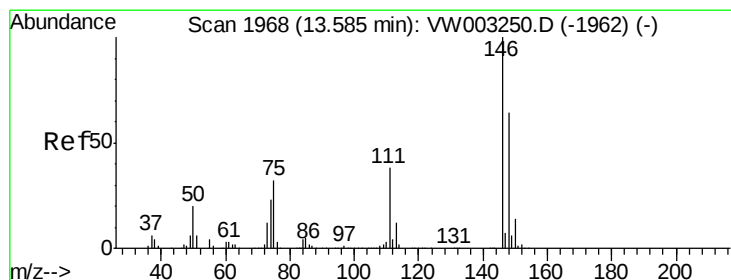
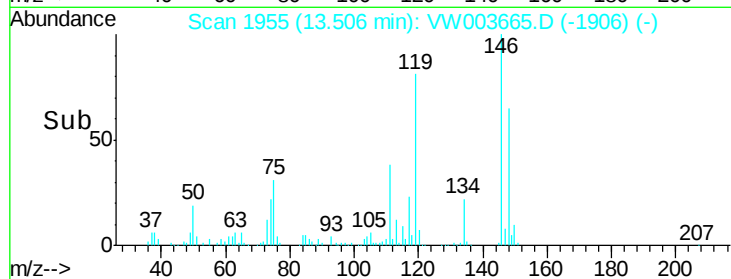
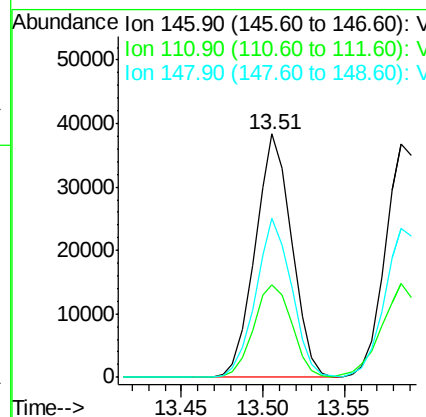
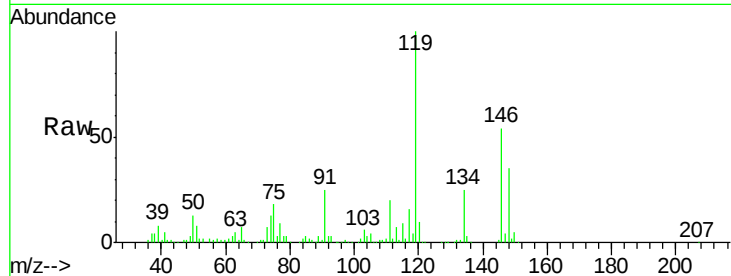
#87
 1,3-Dichlorobenzene
 Concen: 11.48 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003665.D
 Acq: 29 Jun 2018 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
146	100	59755		
111	39.9	19.8	59.4	
148	64.4	32.1	96.5	

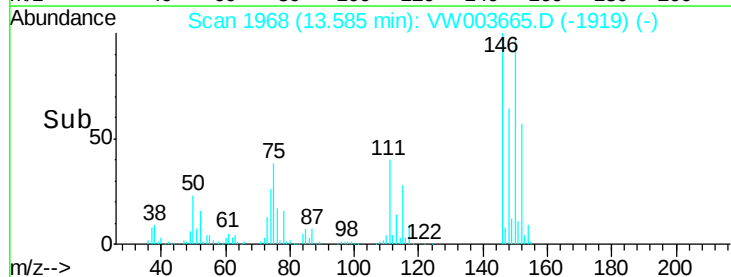
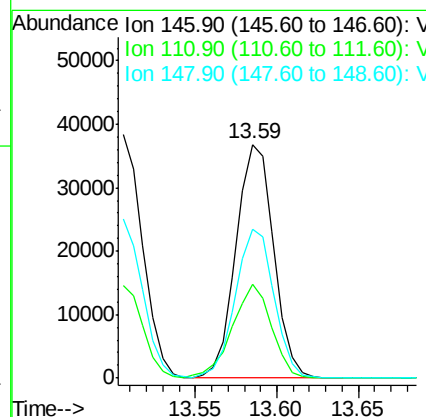
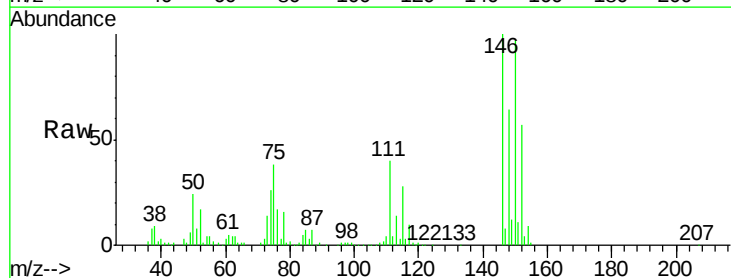
Manual Integrations
 APPROVED

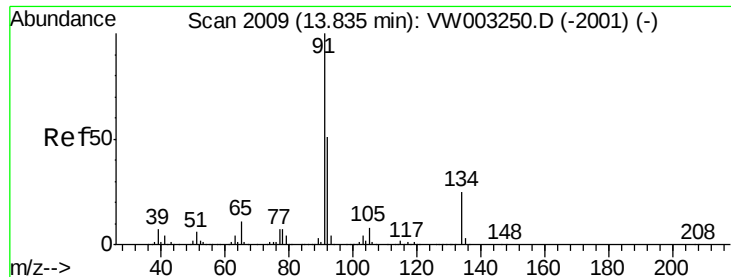
apatel
 7/2/2018 10:30:54 AM



#88
 1,4-Dichlorobenzene
 Concen: 11.47 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003665.D
 Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	59323		
111	41.7	19.2	57.6	
148	65.3	31.8	95.4	





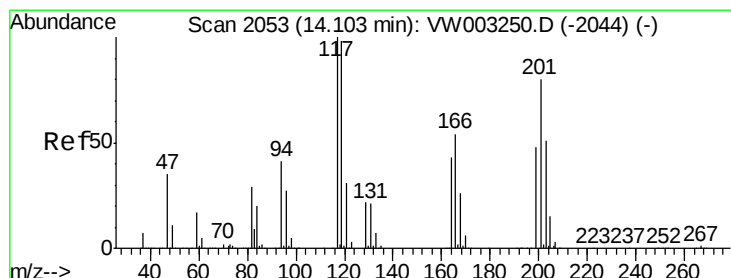
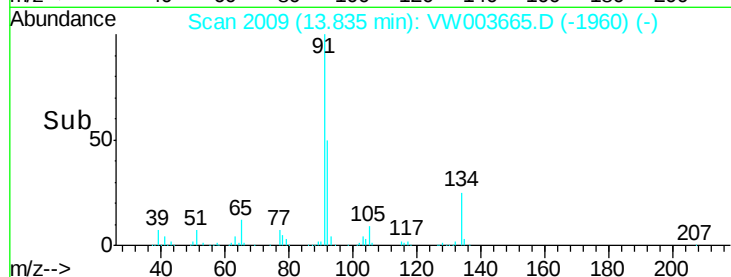
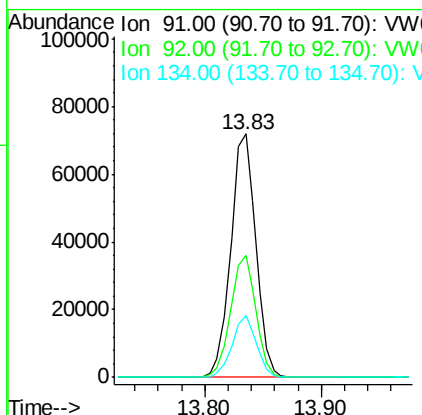
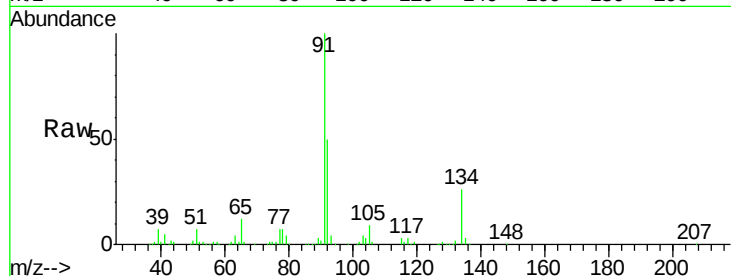
#89
n-Butylbenzene
Concen: 10.85 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.1	26.0	78.0
134	24.6	12.7	38.0

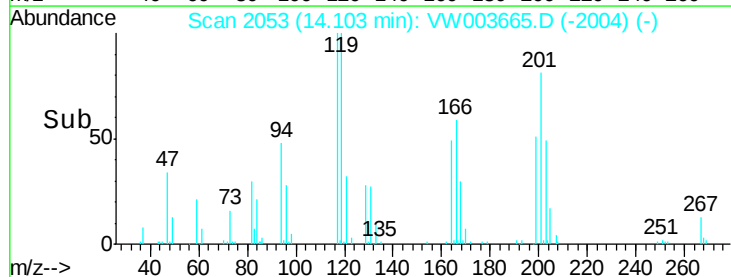
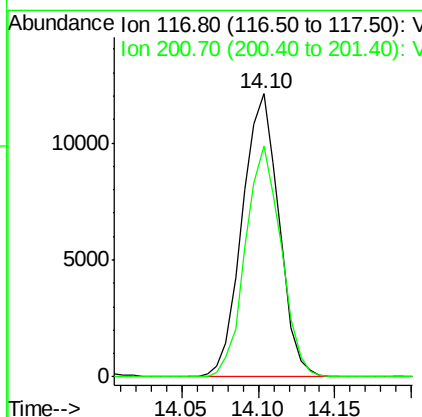
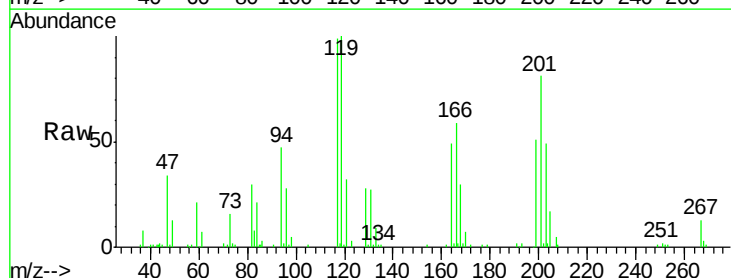
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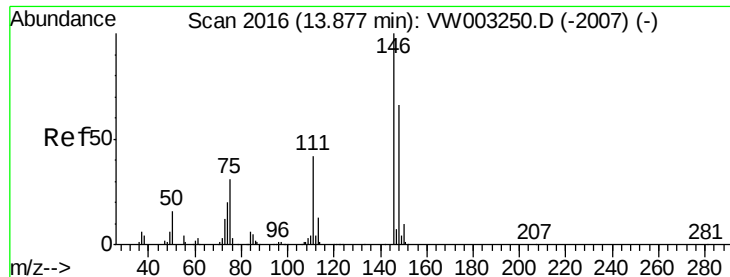
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#90
Hexachloroethane
Concen: 10.93 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003665.D
Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 11.88 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

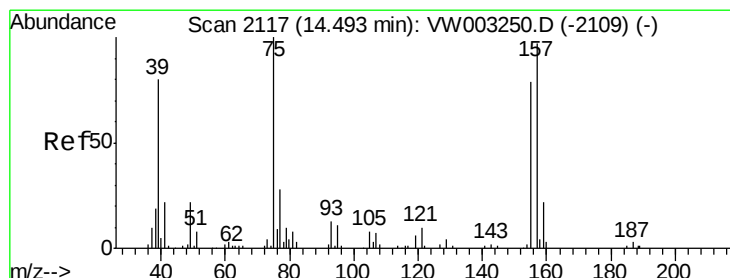
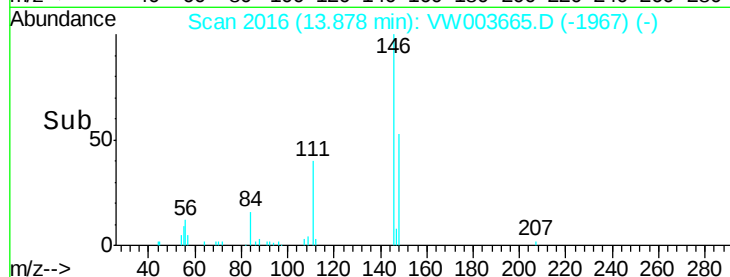
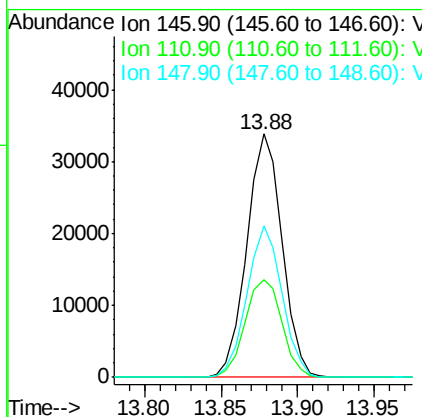
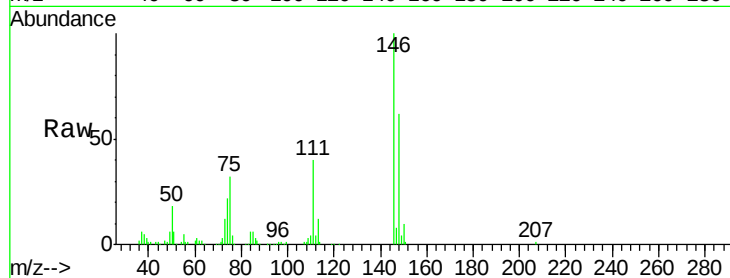
ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion:	146	Resp:	54143
Ion Ratio	Lower	Upper	
146	100		
111	42.0	20.3	61.0
148	62.2	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 13.03 ug/l

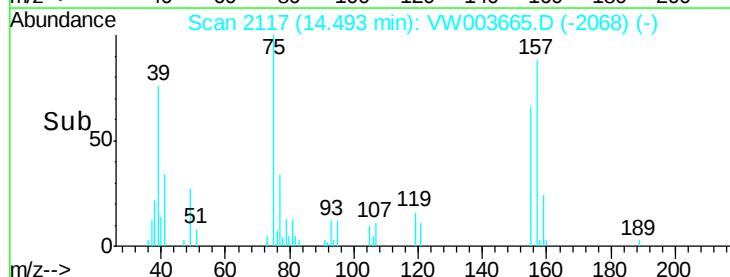
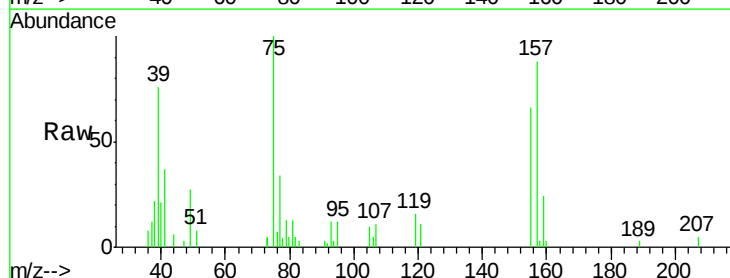
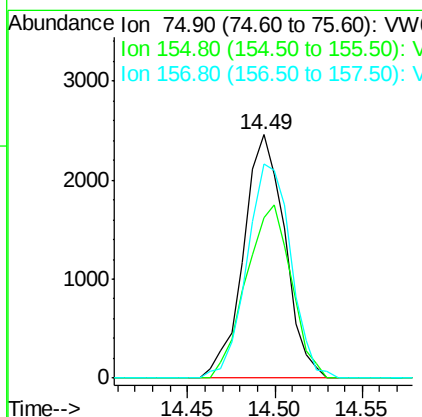
RT: 14.49 min Scan# 2117

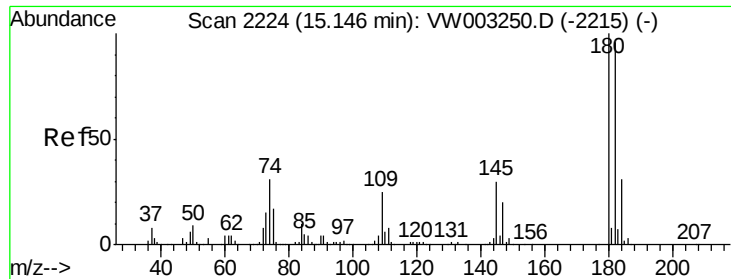
Delta R.T. 0.00 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Tgt Ion:	75	Resp:	4035
Ion Ratio	Lower	Upper	
75	100		
155	78.1	39.4	118.2
157	93.5	51.5	154.5





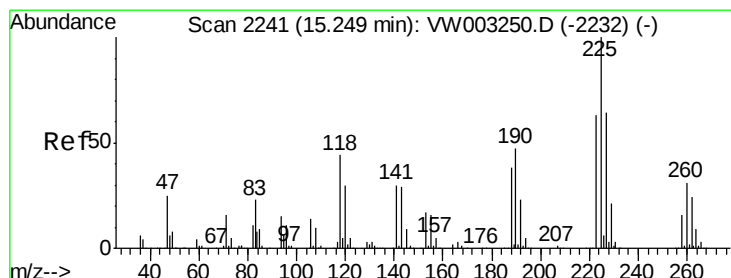
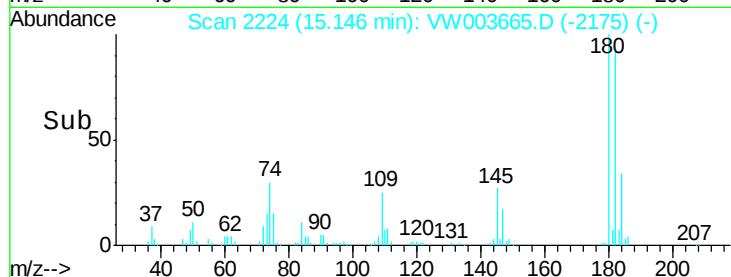
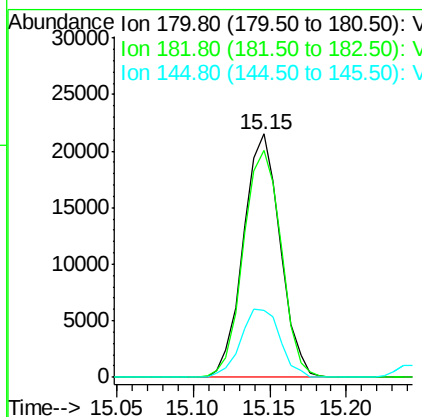
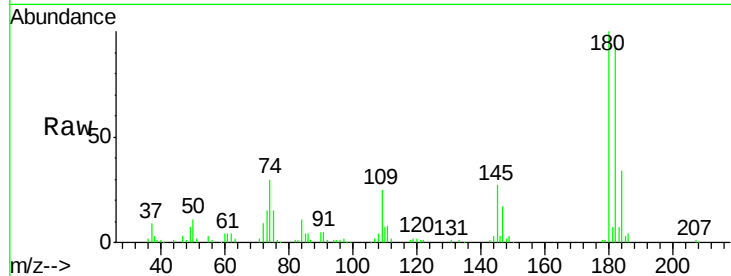
#93
 1,2,4-Trichlorobenzene
 Concen: 11.28 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003665.D
 Acq: 29 Jun 2018 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
180	100	36078		
182	95.5	47.9	143.6	
145	30.1	15.2	45.5	

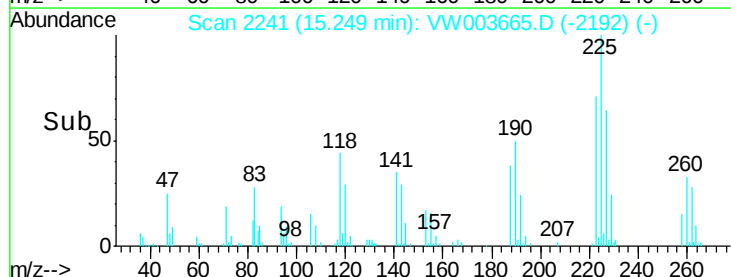
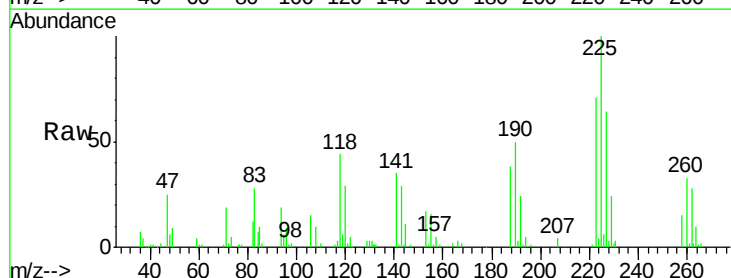
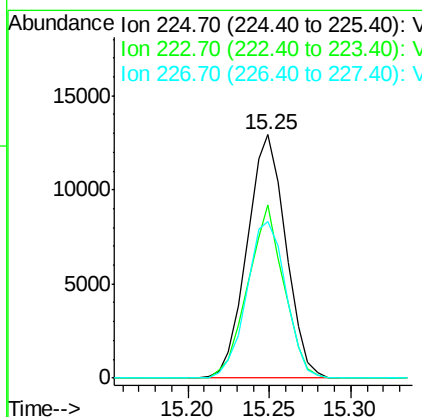
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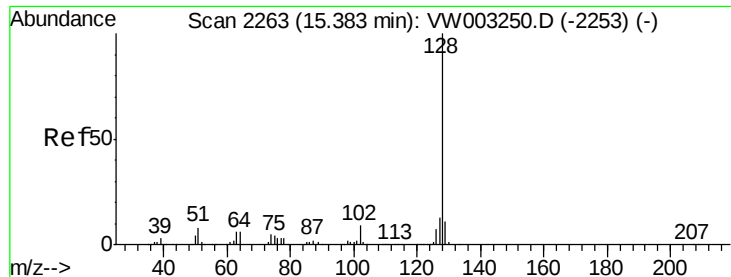
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#94
 Hexachlorobutadiene
 Concen: 11.12 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003665.D
 Acq: 29 Jun 2018 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	21393		
223	66.1	30.6	92.0	
227	65.3	31.7	95.1	





#95

Naphthalene

Concen: 11.24 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Instrument :

MSVOA_W

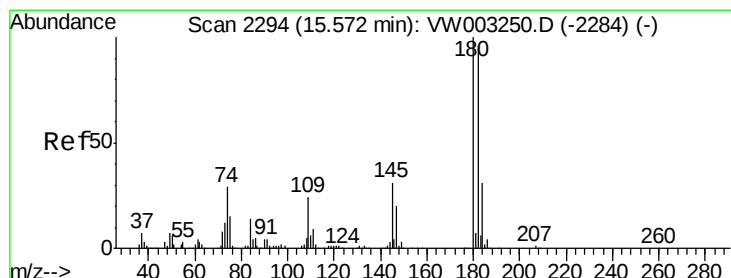
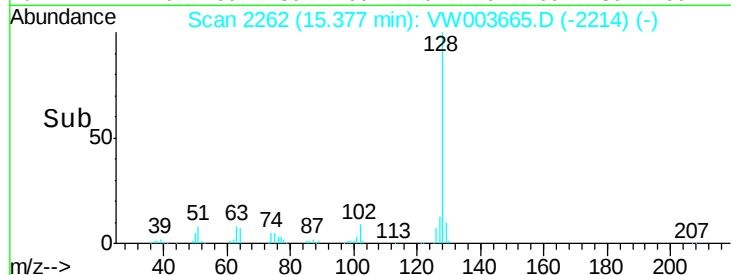
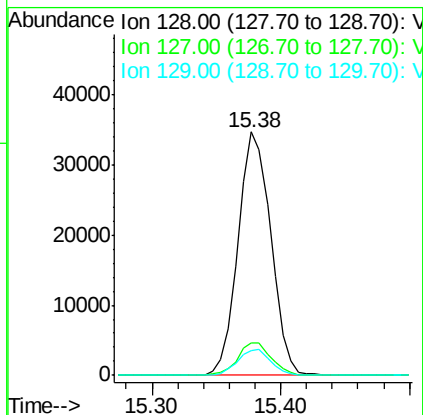
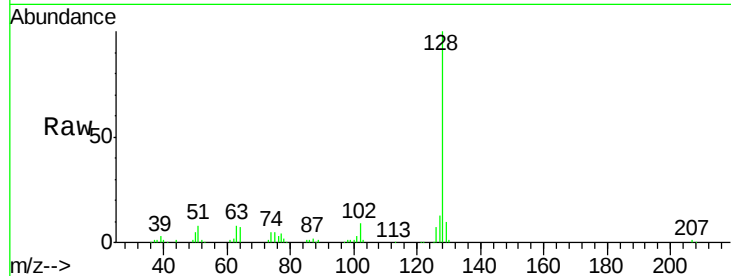
ClientSampleId :

LOQ-SOIL-02-QT3-2018

Tot Ion:	128	Resp:	60994
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.5	15.7
129	10.6	8.9	13.3

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#96

1,2,3-Trichlorobenzene

Concen: 11.28 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003665.D

Acq: 29 Jun 2018 17:15

Tgt Ion:	180	Resp:	31782
Ion Ratio	Lower	Upper	
180	100		
182	97.8	47.9	143.6
145	32.6	15.8	47.4

