

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002547.D
 Acq On : 15 May 2018 12:09
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 5/16/2018 12:25:34 PM

Quant Time: May 16 05:42:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	321045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117284	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
35) Dibromofluoromethane	7.88	113	113498	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.33	98	448447	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.63	95	156974	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	49546	52.53	ug/l	99
3) Chloromethane	2.21	50	89362	49.53	ug/l	96
4) Vinyl Chloride	2.36	62	146324	51.72	ug/l	95
5) Bromomethane	2.77	94	111668	48.13	ug/l	93
6) Chloroethane	2.92	64	98150	50.41	ug/l	99
7) Trichlorofluoromethane	3.25	101	74944	60.11	ug/l	100
8) Diethyl Ether	3.67	74	72143	48.36	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	108626	52.59	ug/l	99
10) Methyl Iodide	4.26	142	161003	48.91	ug/l	99
11) Tert butyl alcohol	5.18	59	35394	182.28	ug/l	96
12) 1,1-Dichloroethene	4.02	96	103793	50.77	ug/l	98
13) Acrolein	3.88	56	48731	254.75	ug/l	99
14) Allyl chloride	4.65	41	154867	51.05	ug/l	98
15) Acrylonitrile	5.36	53	114586	212.99	ug/l	98
16) Acetone	4.12	43	135475	254.04	ug/l	96
17) Carbon Disulfide	4.37	76	279794	49.73	ug/l	100
18) Methyl Acetate	4.67	43	64126	41.25	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	170273	45.33	ug/l	98
20) Methylene Chloride	4.90	84	103035	48.48	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	109610	49.59	ug/l	96
22) Diisopropyl ether	6.31	45	319444	47.53	ug/l	97
23) Vinyl Acetate	6.25	43	950186	233.28	ug/l	99
24) 1,1-Dichloroethane	6.21	63	201146	49.66	ug/l	100
25) 2-Butanone	7.17	43	161923	214.72	ug/l	99
26) 2,2-Dichloropropane	7.16	77	122342	53.90	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	121668	48.25	ug/l	99
28) Bromochloromethane	7.51	49	80032	44.26	ug/l	98
29) Tetrahydrofuran	7.53	42	95265	202.23	ug/l	99
30) Chloroform	7.67	83	210164	48.59	ug/l	95
31) Cyclohexane	7.95	56	173757	48.42	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	166763	51.12	ug/l	98
36) 1,1-Dichloropropene	8.08	75	164293	53.20	ug/l	99
37) Ethyl Acetate	7.25	43	64736	42.27	ug/l	99
38) Carbon Tetrachloride	8.06	117	163466	54.06	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	193866	54.81	ug/l	99
40) Benzene	8.32	78	452236	51.00	ug/l	100
41) Methacrylonitrile	7.48	41	38715	45.16	ug/l	95
42) 1,2-Dichloroethane	8.40	62	135363	48.07	ug/l	99
43) Isopropyl Acetate	8.43	43	128981	43.78	ug/l	98
44) Trichloroethene	9.09	130	126083	51.89	ug/l	99
45) 1,2-Dichloropropane	9.37	63	114239	50.56	ug/l	98
46) Dibromomethane	9.46	93	60177	46.81	ug/l	99
47) Bromodichloromethane	9.65	83	152540	50.87	ug/l	99
48) Methyl methacrylate	9.44	41	63569	44.54	ug/l	99
49) 1,4-Dioxane	9.45	88	18977	885.68	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	343694	212.50	ug/l	99
52) Toluene	10.39	92	293824	52.41	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	153937	50.77	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	172678	51.09	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	84135	46.45	ug/l	97
56) Ethyl methacrylate	10.65	69	103272	46.79	ug/l	99
57) 1,3-Dichloropropane	10.94	76	143361	47.72	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	242907	224.16	ug/l	98
59) 2-Hexanone	10.98	43	250193	224.06	ug/l	98
60) Dibromochloromethane	11.13	129	103077	48.23	ug/l	98
61) 1,2-Dibromoethane	11.24	107	82625	47.26	ug/l	98
64) Tetrachloroethene	10.87	164	109799	48.52	ug/l	96
65) Chlorobenzene	11.66	112	328683	51.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	116763	51.01	ug/l	99
67) Ethyl Benzene	11.74	91	585946	53.92	ug/l	99
68) m/p-Xylenes	11.85	106	452959	107.20	ug/l	100
69) o-Xylene	12.18	106	213783	53.25	ug/l	98
70) Styrene	12.19	104	350350	52.44	ug/l	100
71) Bromoform	12.36	173	64342	47.84	ug/l #	99
73) Isopropylbenzene	12.48	105	598180	56.24	ug/l	100
74) N-amyl acetate	12.28	43	126645	46.74	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	99760	46.29	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	75828m	46.49	ug/l	
77) Bromobenzene	12.76	156	141945	52.31	ug/l	96
78) n-propylbenzene	12.82	91	721188	56.14	ug/l	100
79) 2-Chlorotoluene	12.90	91	397883	54.55	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	506406	55.79	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	30311	50.67	ug/l	96
82) 4-Chlorotoluene	13.00	91	426298	54.05	ug/l	100
83) tert-Butylbenzene	13.22	119	443581	56.59	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	521400	55.34	ug/l	100
85) sec-Butylbenzene	13.40	105	645560	57.32	ug/l	100
86) p-Isopropyltoluene	13.51	119	581903	57.44	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	289316	52.71	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	284004	52.01	ug/l	100
89) n-Butylbenzene	13.84	91	549735	57.37	ug/l	100
90) Hexachloroethane	14.11	117	101400	55.89	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	250916	50.39	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	16767	44.10	ug/l	97

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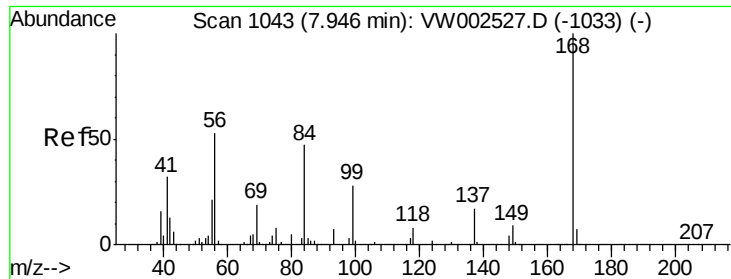
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	183388	50.58	ug/l	98
94) Hexachlorobutadiene	15.26	225	111412	55.22	ug/l	99
95) Naphthalene	15.38	128	308377	46.78	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	159790	49.26	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 244441

Ion Ratio Lower Upper

168 100

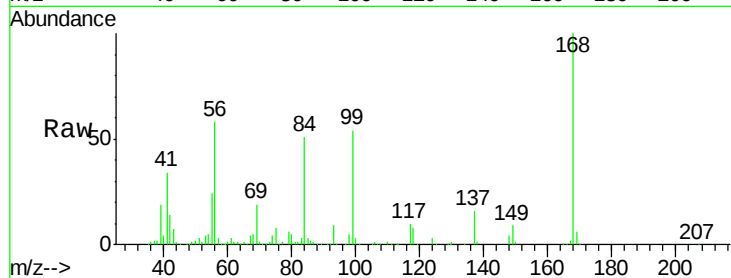
99 53.6 42.6 64.0

Manual Integrations

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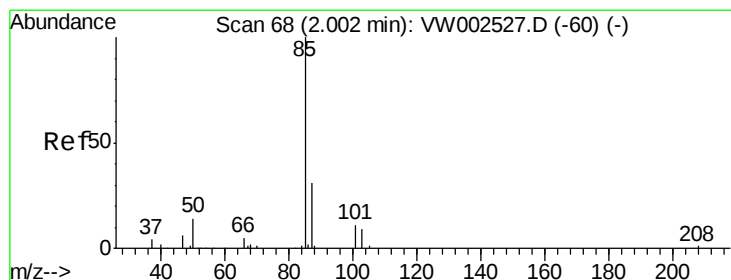
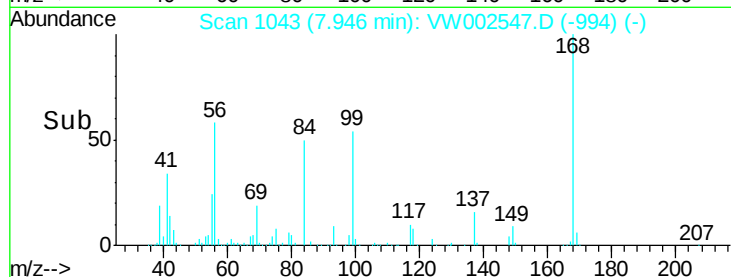
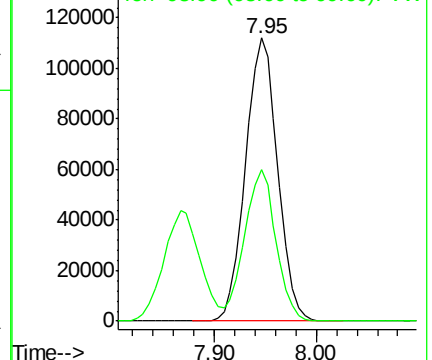
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 52.53 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW002547.D

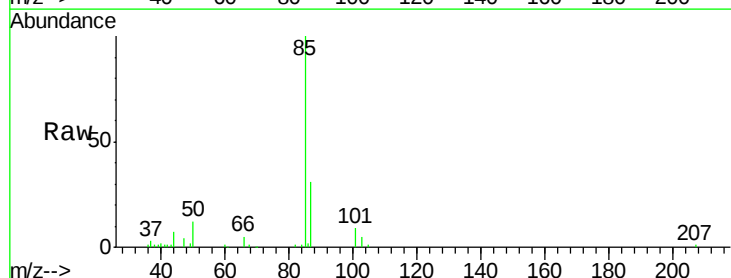
Acq: 15 May 2018 12:09

Tgt Ion: 85 Resp: 49546

Ion Ratio Lower Upper

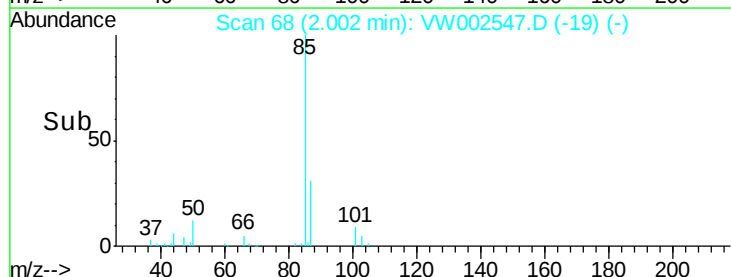
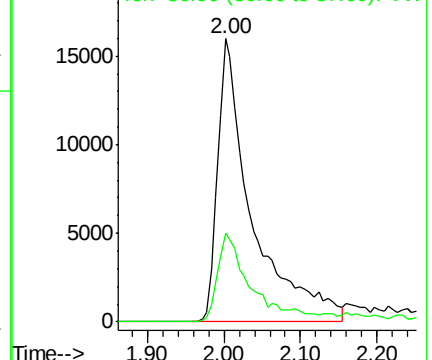
85 100

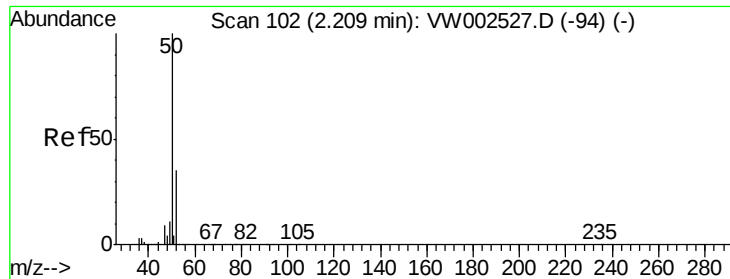
87 31.2 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 49.53 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 89362

Ion Ratio Lower Upper

50 100

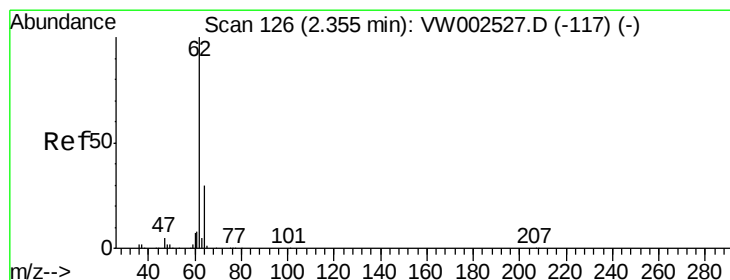
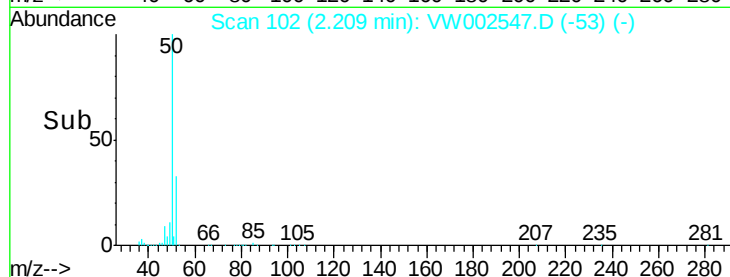
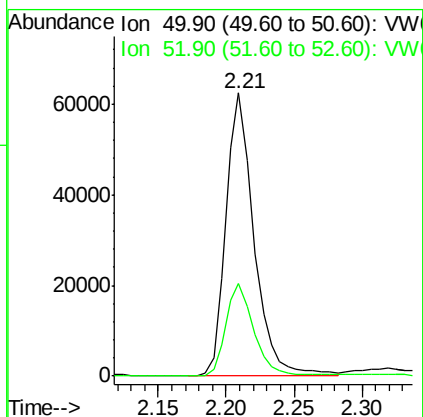
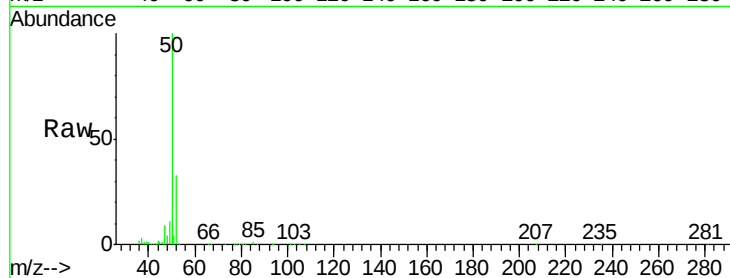
52 32.6 27.8 41.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.72 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW002547.D

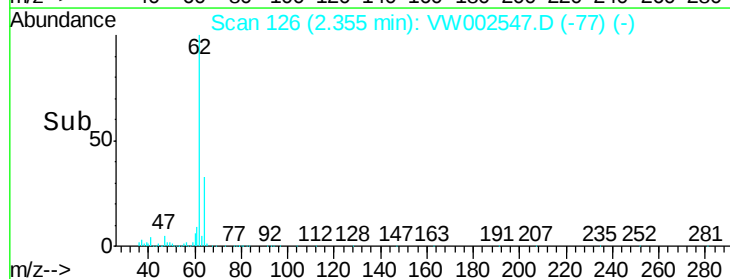
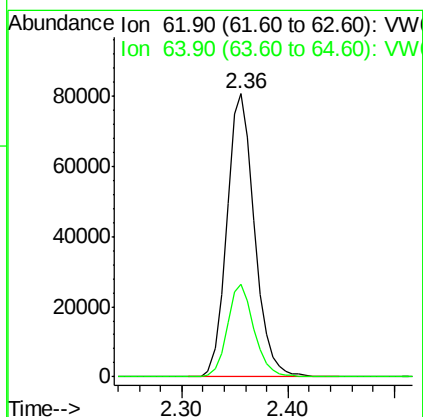
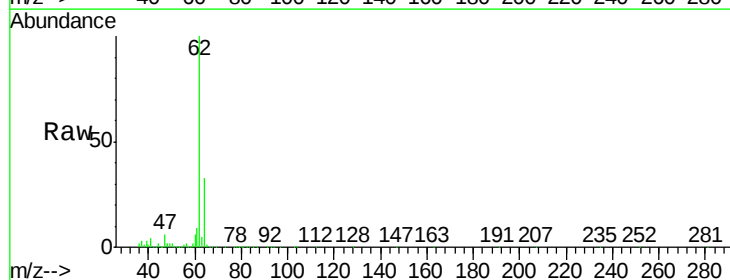
Acq: 15 May 2018 12:09

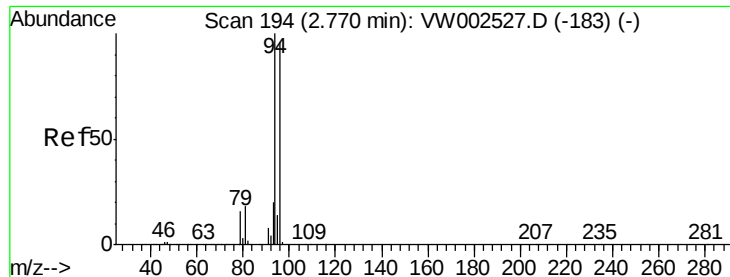
Tgt Ion: 62 Resp: 146324

Ion Ratio Lower Upper

62 100

64 32.7 24.0 36.0





#5

Bromomethane

Concen: 48.13 ug/l

RT: 2.77 min Scan# 194

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 111668

Ion Ratio Lower Upper

94 100

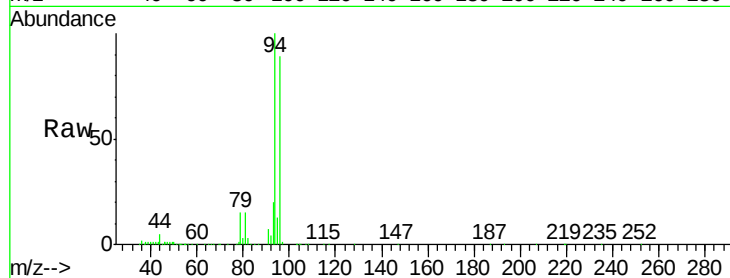
96 89.1 77.0 115.4

Manual Integrations

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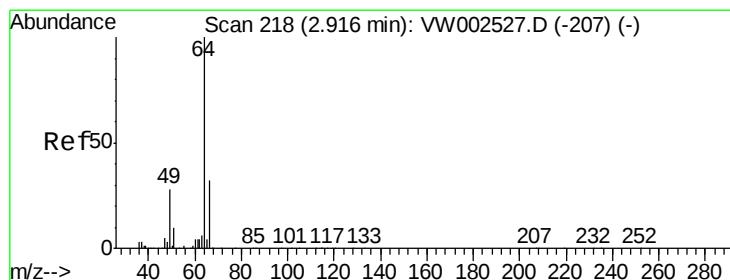
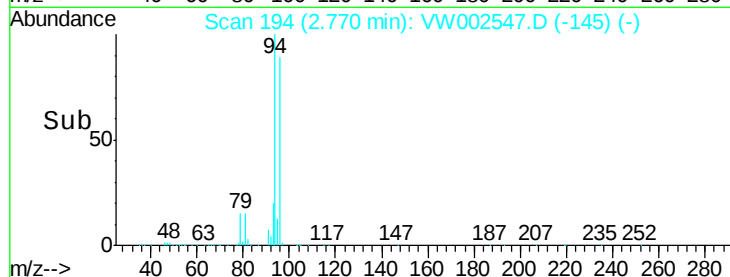
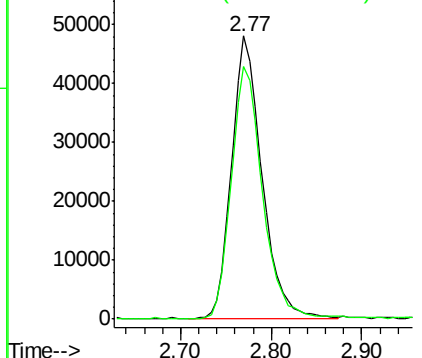
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 50.41 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW002547.D

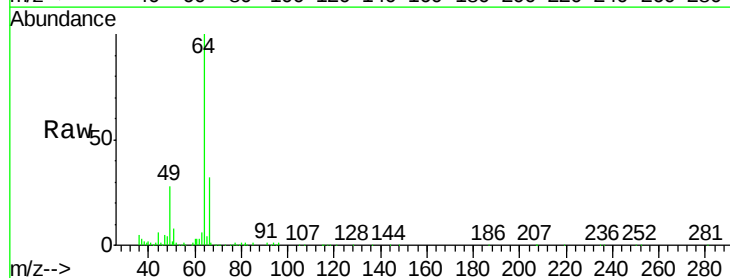
Acq: 15 May 2018 12:09

Tgt Ion: 64 Resp: 98150

Ion Ratio Lower Upper

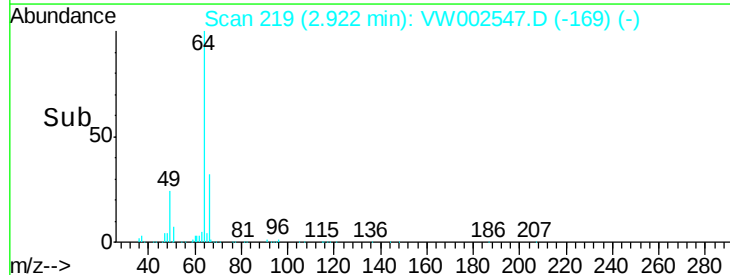
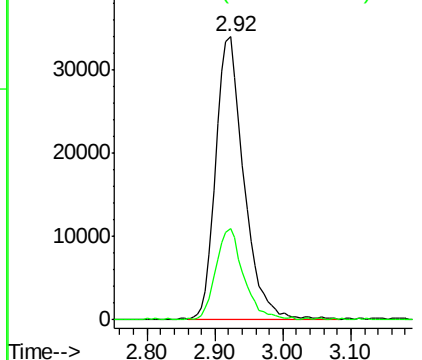
64 100

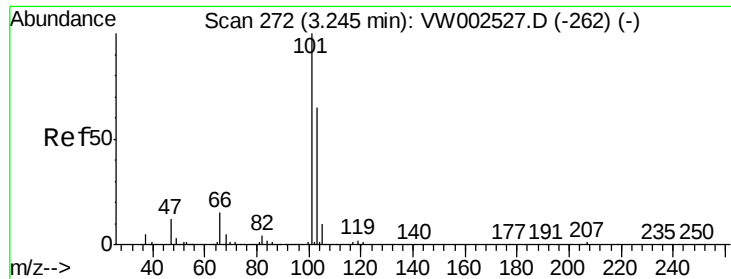
66 31.8 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

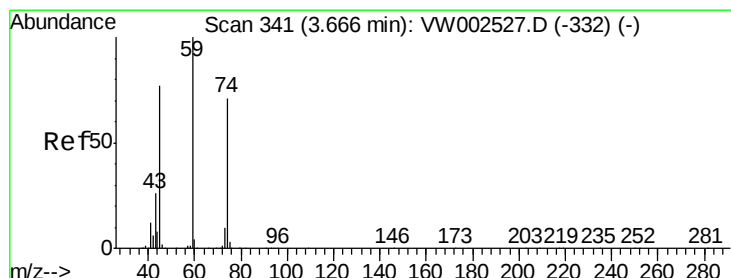
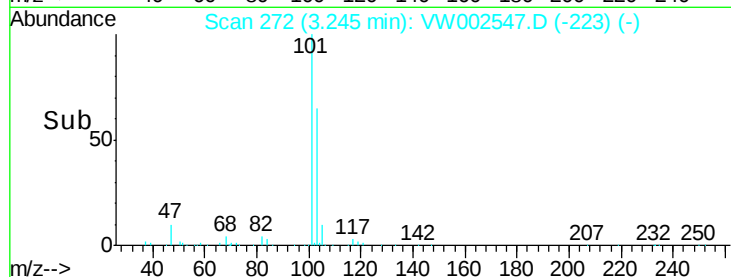
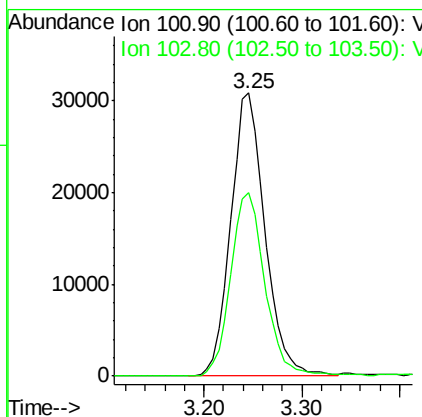
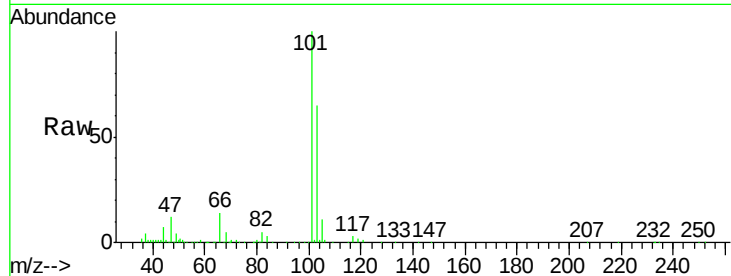
Trichlorofluoromethane
Concen: 60.11 ug/l
RT: 3.25 min Scan# 272
Delta R.T. 0.00 min
Lab File: VW002547.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.8	77.8

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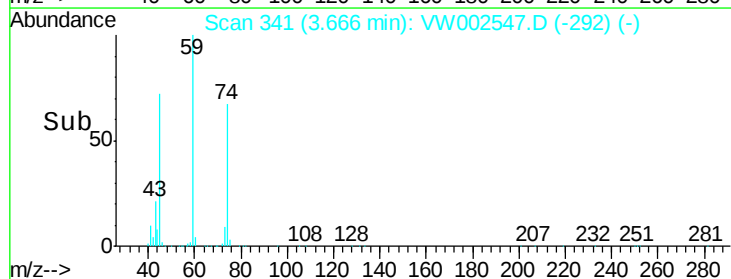
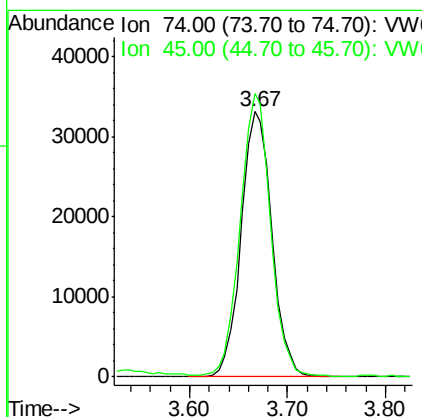
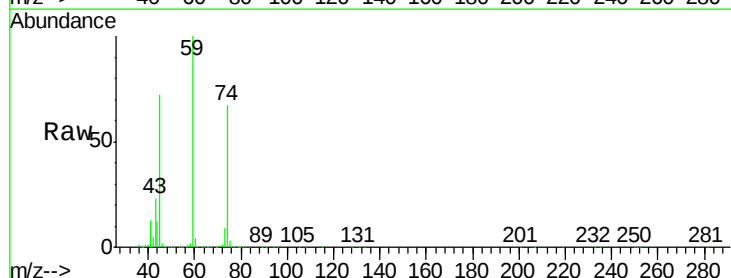
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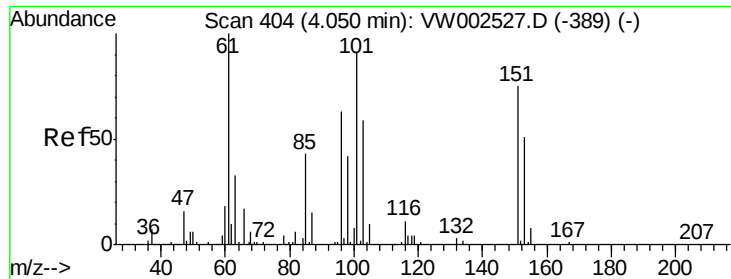


#8

Diethyl Ether
Concen: 48.36 ug/l
RT: 3.67 min Scan# 341
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.4	52.3	156.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.59 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

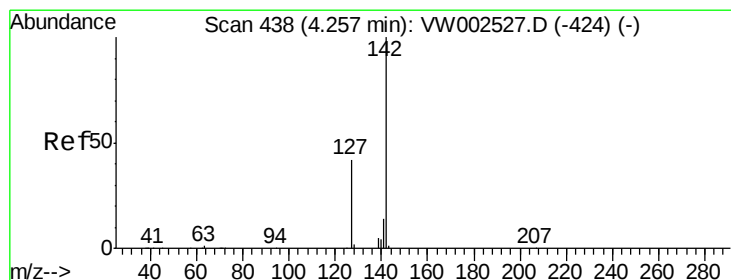
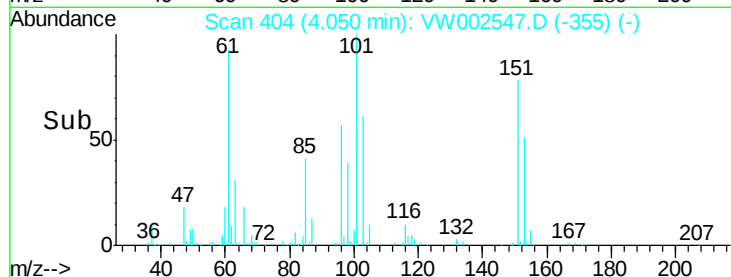
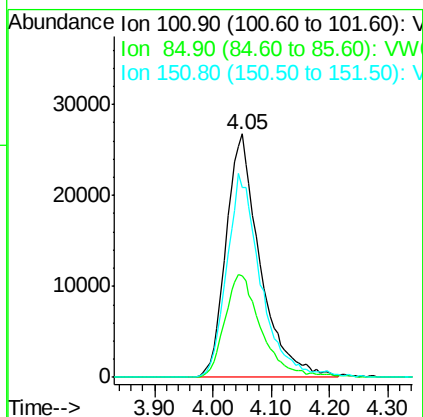
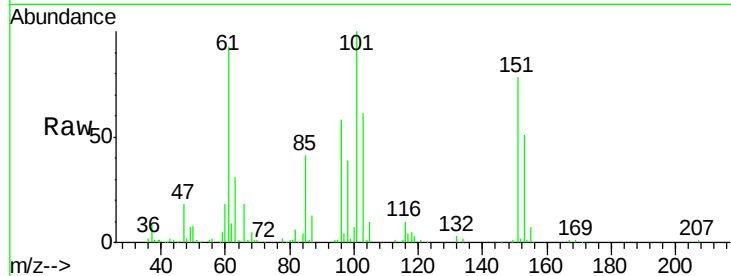
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	108626
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.5	54.7
151	82.6	66.7	100.1

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#10

Methyl Iodide

Concen: 48.91 ug/l

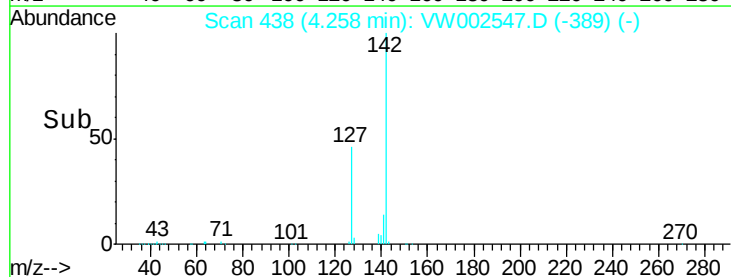
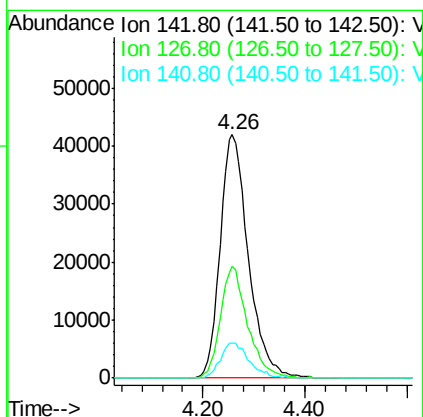
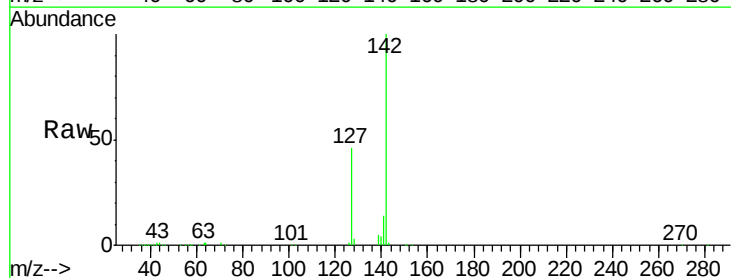
RT: 4.26 min Scan# 438

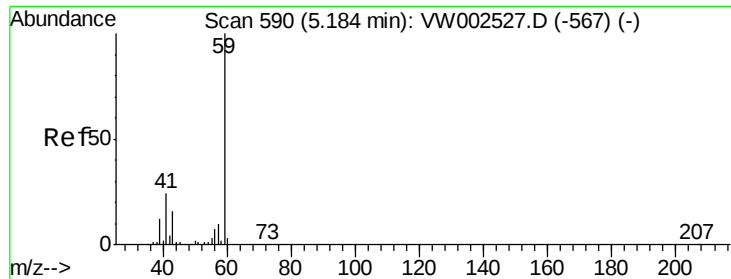
Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Tgt Ion:	142	Resp:	161003
Ion Ratio	Lower	Upper	
142	100		
127	44.2	34.6	52.0
141	14.8	11.8	17.8





#11

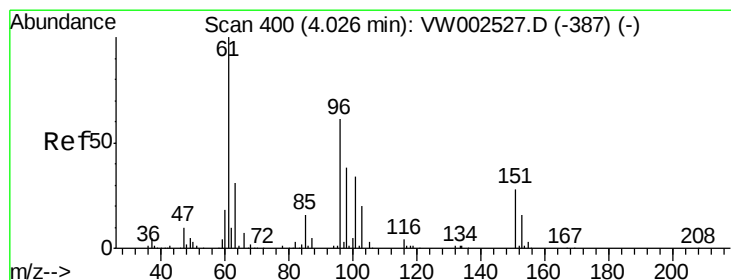
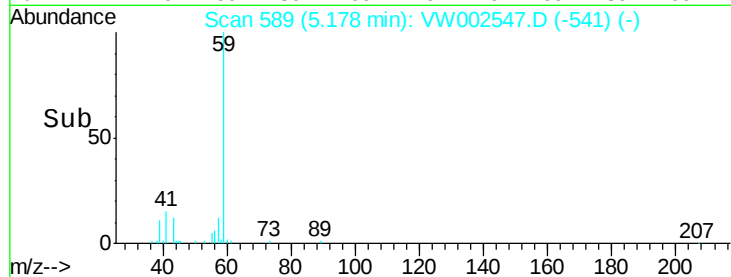
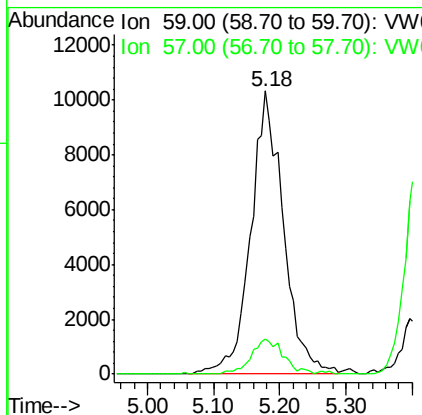
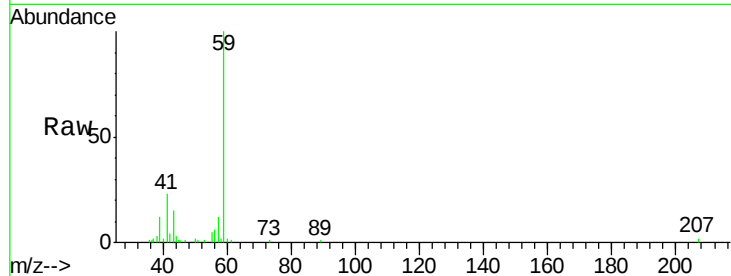
Tert butyl alcohol
Concen: 182.28 ug/l
RT: 5.18 min Scan# 589
Delta R.T. -0.01 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	35394
Ion Ratio	100	Lower	Upper
57	11.7	8.2	12.4

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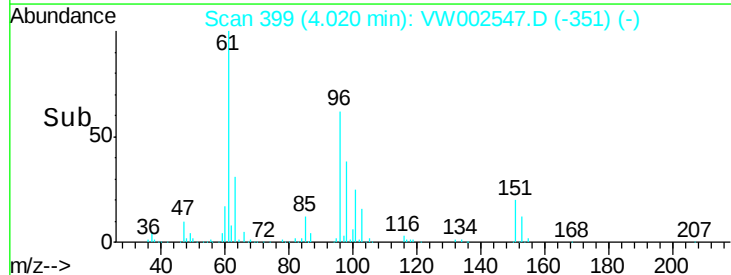
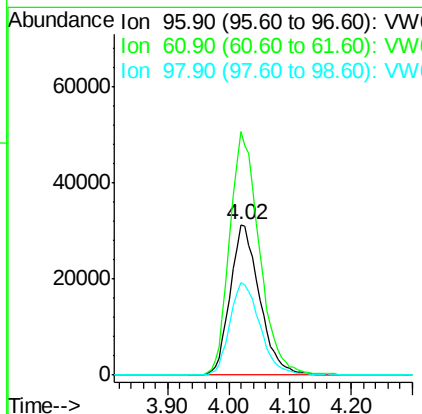
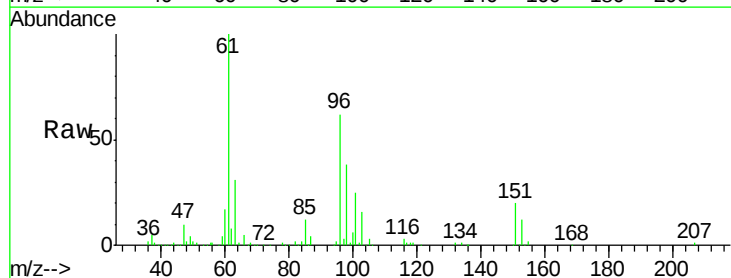
apatel
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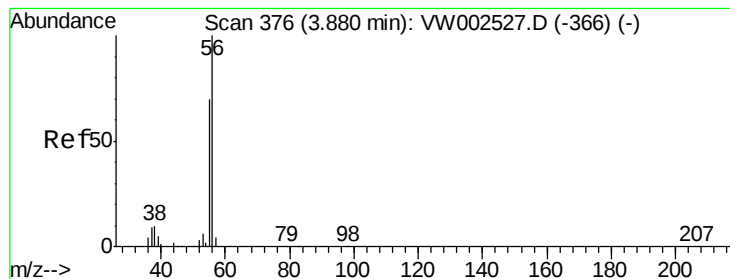


#12

1,1-Dichloroethene
Concen: 50.77 ug/l
RT: 4.02 min Scan# 399
Delta R.T. -0.01 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion	96	Resp	103793
Ion Ratio	100	Lower	Upper
61	162.1	132.2	198.2
98	61.4	50.6	76.0





#13

Acrolein

Concen: 254.75 ug/l

RT: 3.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 48731

Ion Ratio Lower Upper

56 100

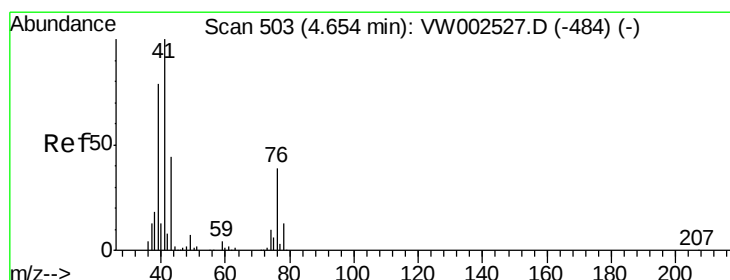
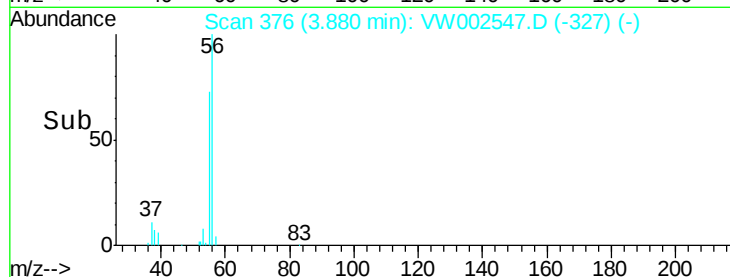
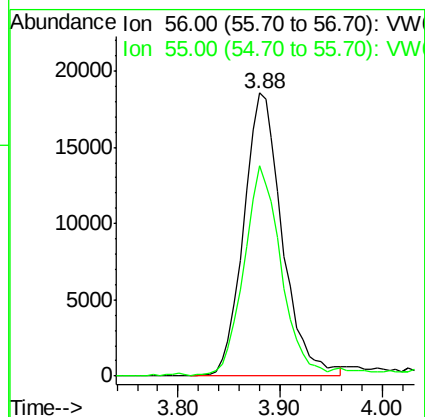
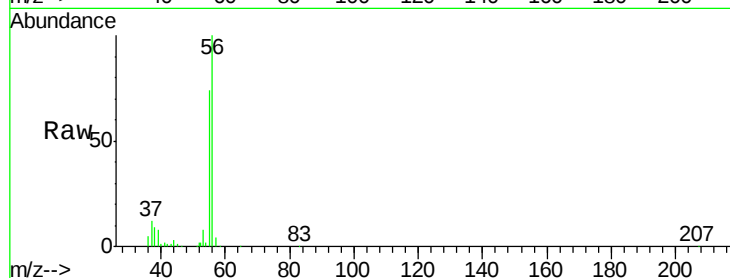
55 70.4 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 51.05 ug/l

RT: 4.65 min Scan# 502

Delta R.T. -0.01 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

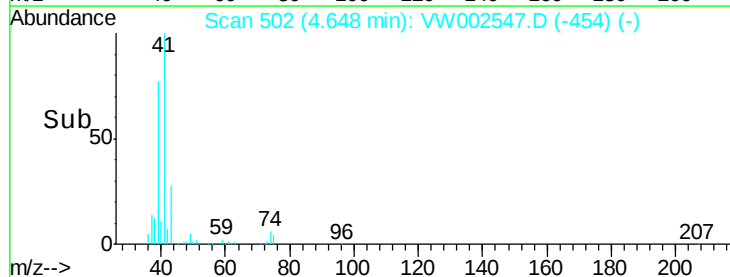
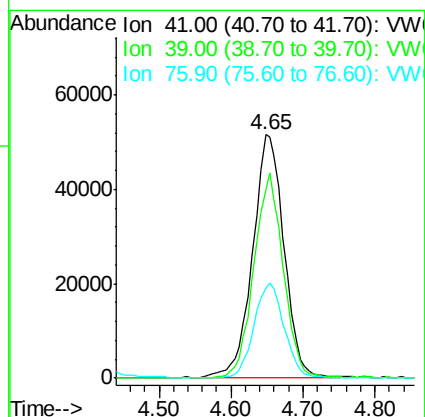
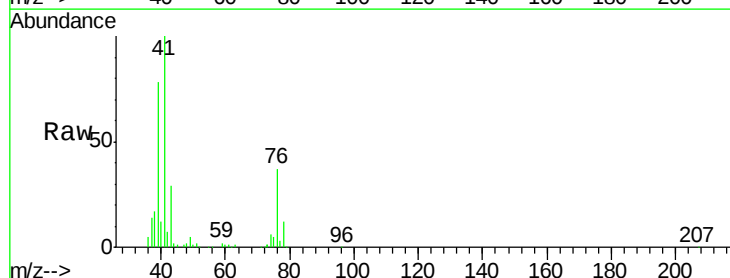
Tgt Ion: 41 Resp: 154867

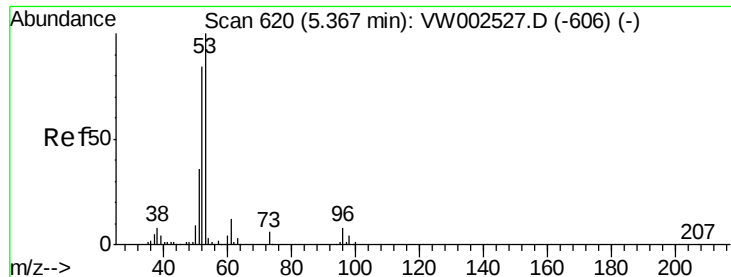
Ion Ratio Lower Upper

41 100

39 79.4 61.4 92.2

76 37.5 29.6 44.4





#15

Acrylonitrile

Concen: 212.99 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

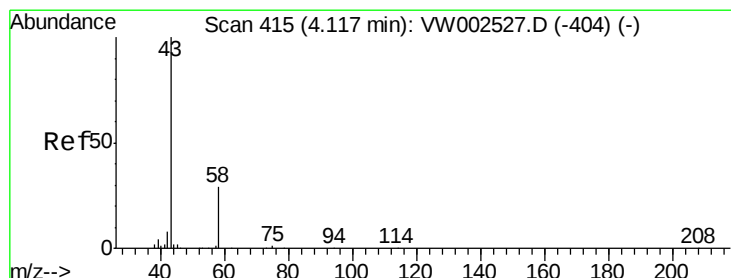
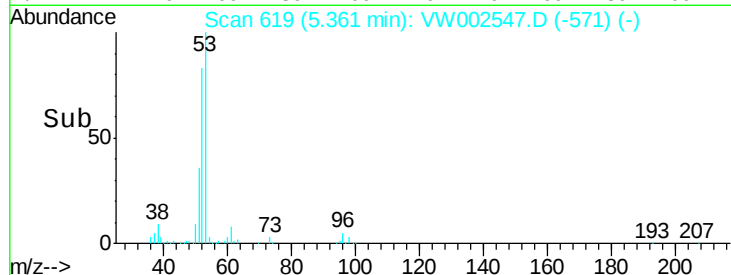
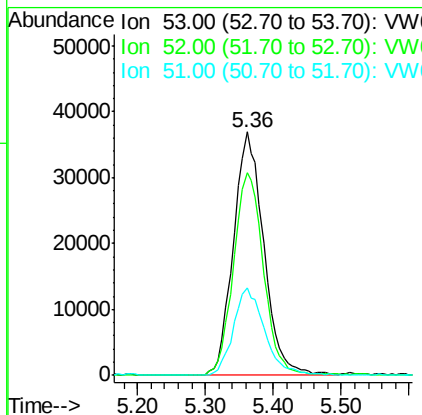
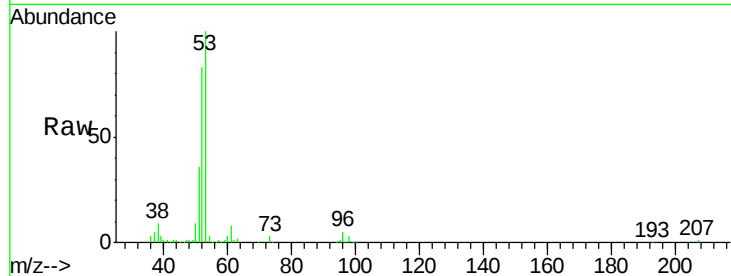
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	114586
Ion Ratio		Lower	Upper
53	100		
52	81.9	66.6	100.0
51	37.1	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 254.04 ug/l

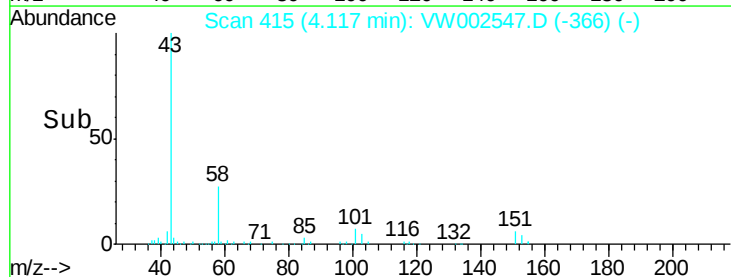
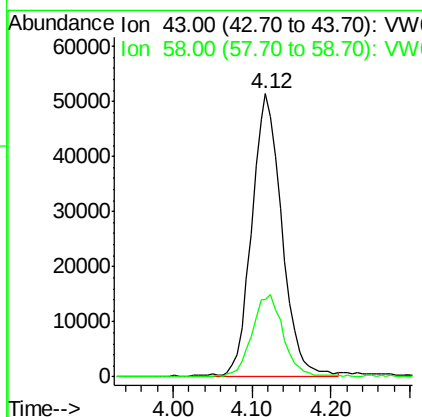
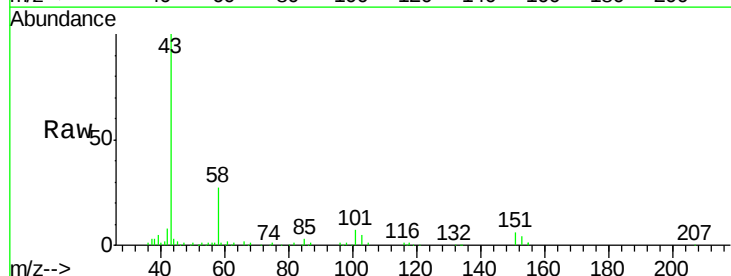
RT: 4.12 min Scan# 415

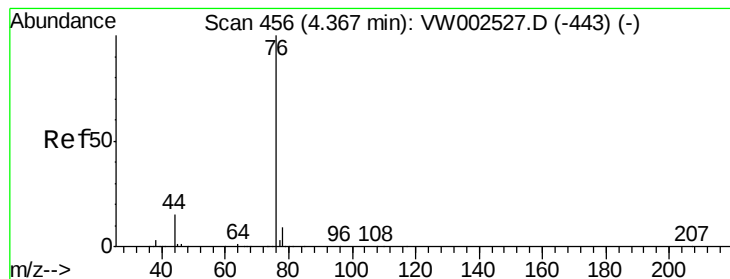
Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Tgt Ion:	43	Resp:	135475
Ion Ratio		Lower	Upper
43	100		
58	27.0	23.4	35.0





#17

Carbon Disulfide

Concen: 49.73 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 279794

Ion Ratio Lower Upper

76 100

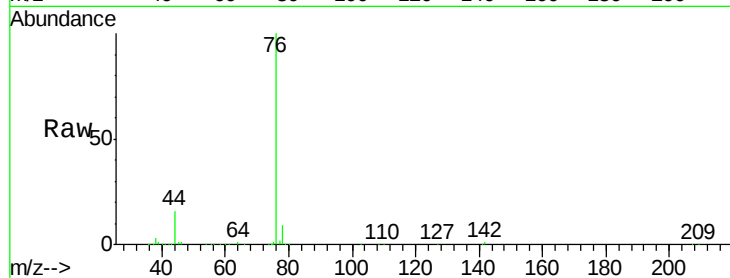
78 9.3 7.5 11.3

Manual Integrations

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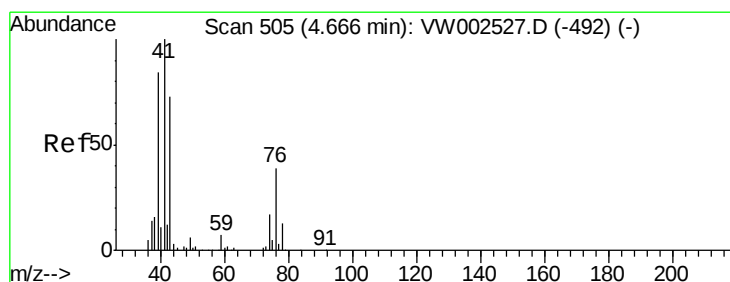
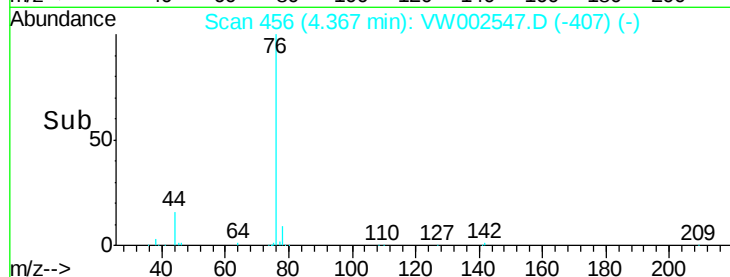
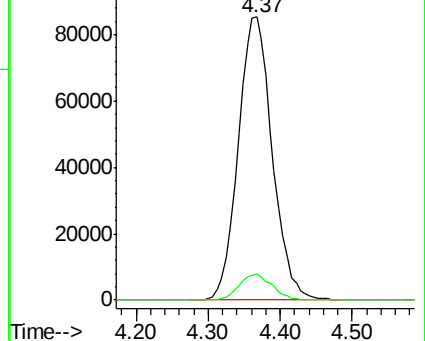
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 41.25 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW002547.D

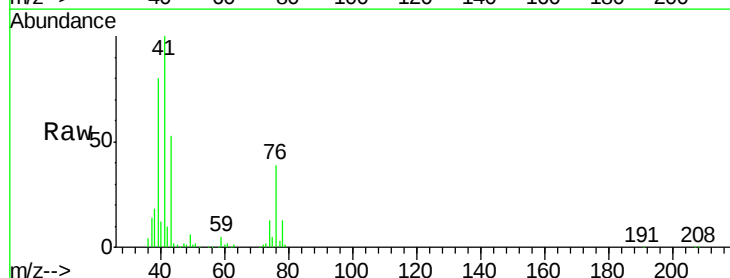
Acq: 15 May 2018 12:09

Tgt Ion: 43 Resp: 64126

Ion Ratio Lower Upper

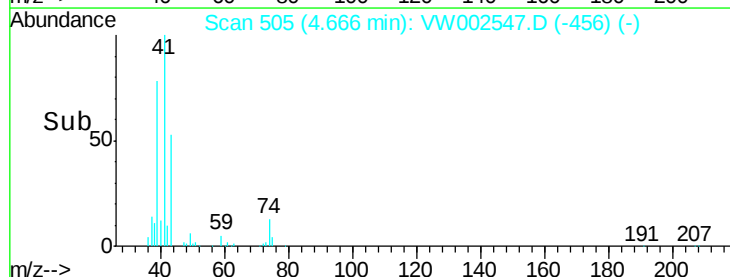
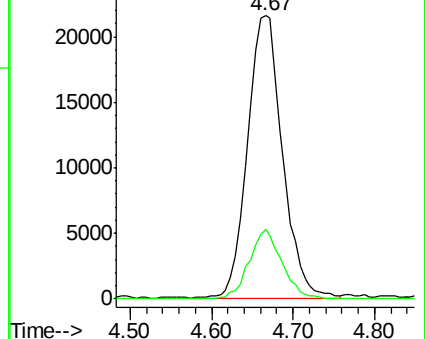
43 100

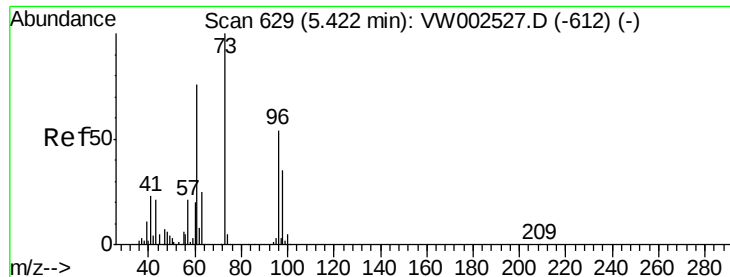
74 23.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





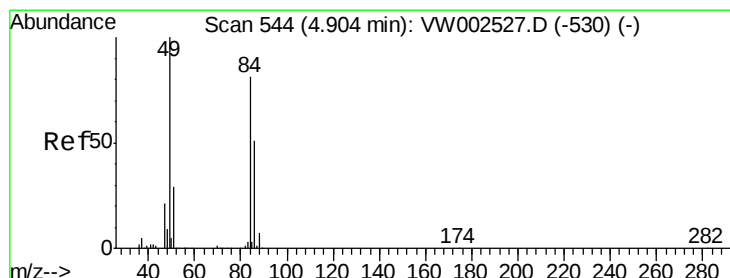
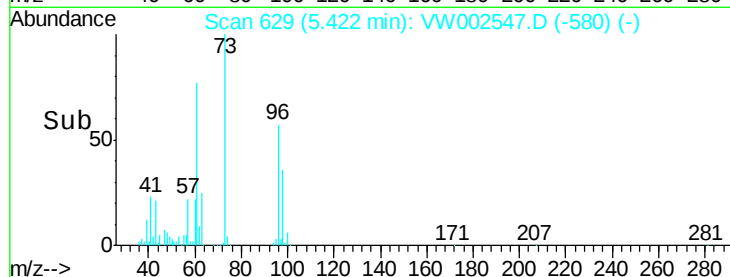
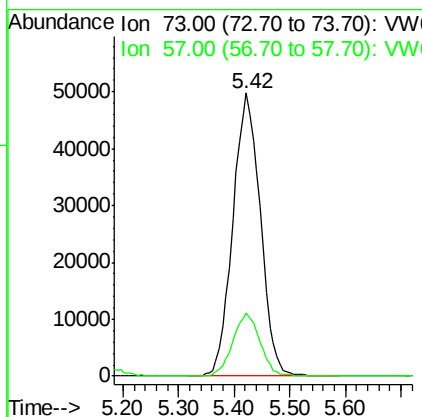
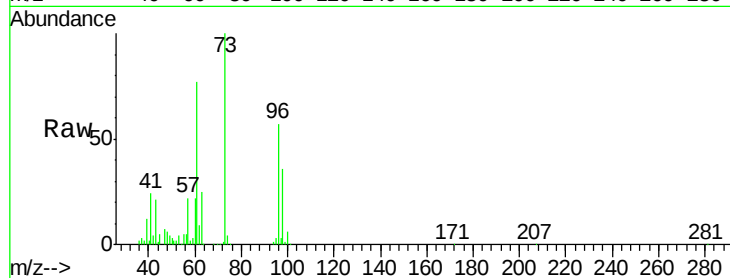
#19
Methvl tert-butvl Ether
Concen: 45.33 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.0	25.6

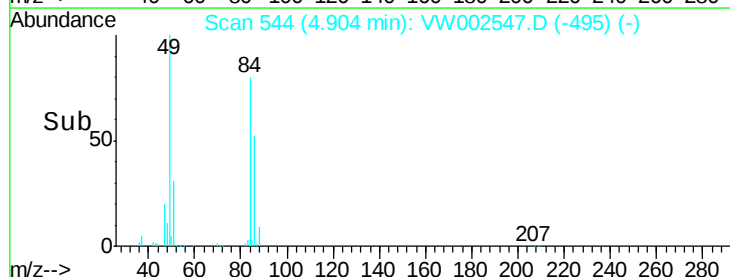
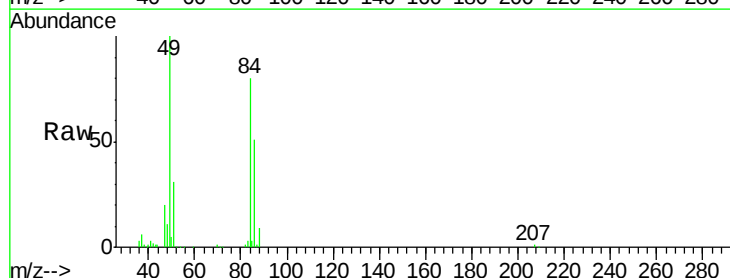
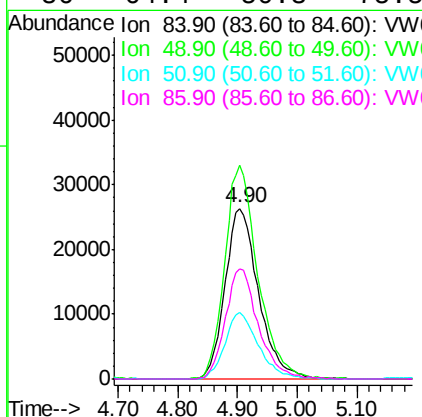
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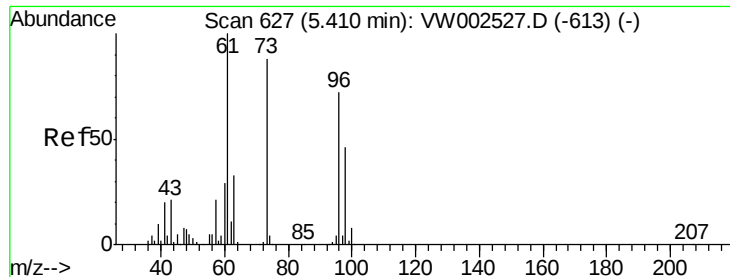
apatel
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#20
Methylene Chloride
Concen: 48.48 ug/l
RT: 4.90 min Scan# 544
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.1	99.4	149.0
51	38.7	29.0	43.6
86	64.4	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 49.59 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

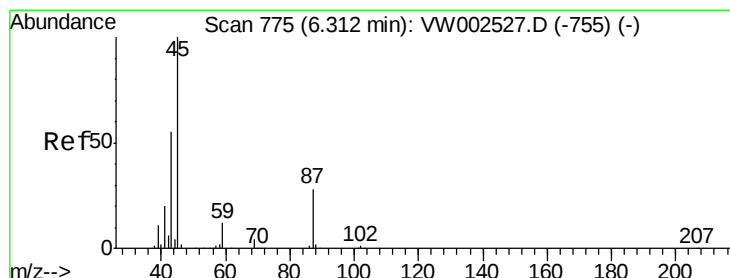
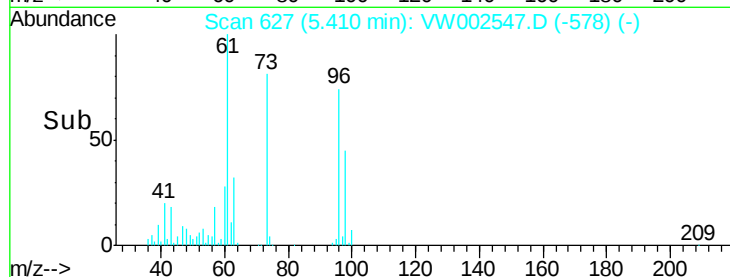
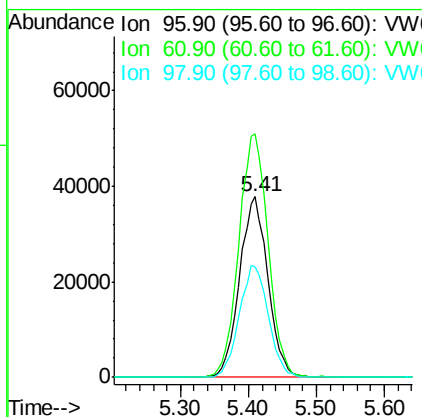
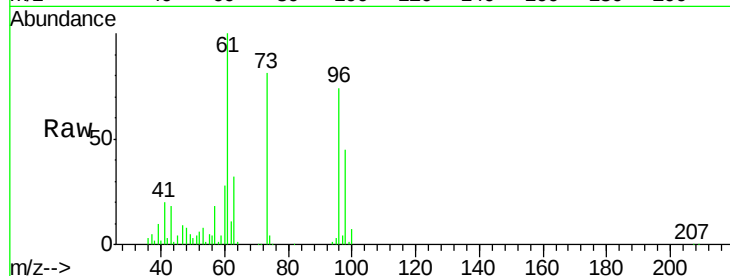
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	109610
Ion	Ratio	Lower	Upper
96	100		
61	135.0	111.6	167.4
98	61.0	51.7	77.5

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#22

Diisopropyl ether

Concen: 47.53 ug/l

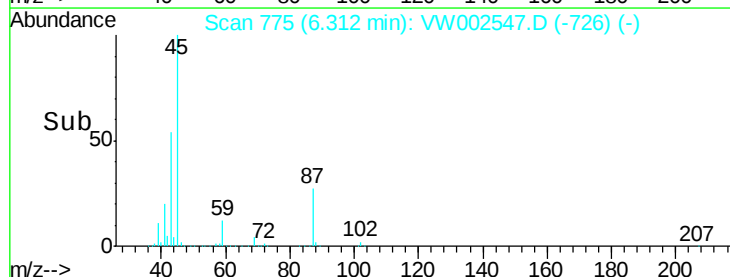
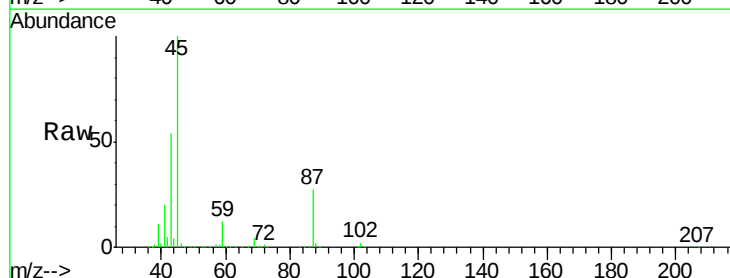
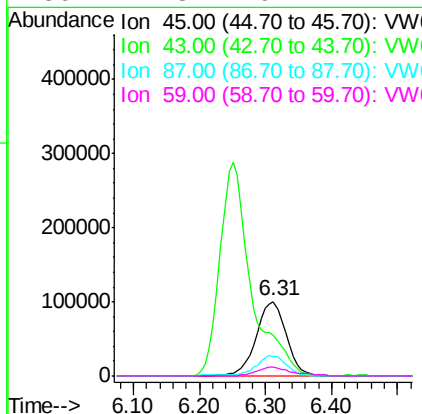
RT: 6.31 min Scan# 775

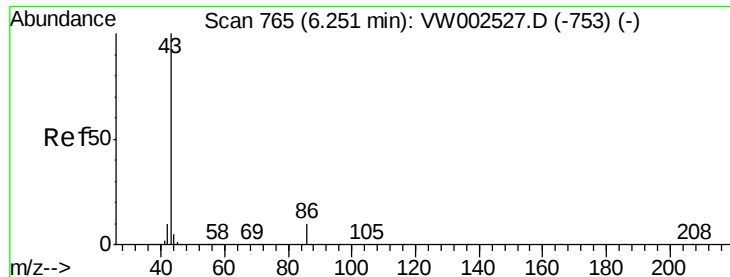
Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Tgt Ion:	45	Resp:	319444
Ion	Ratio	Lower	Upper
45	100		
43	53.9	44.4	66.6
87	26.4	23.0	34.4
59	11.3	9.4	14.2





#23

Vinyl Acetate

Concen: 233.28 ug/l

RT: 6.25 min Scan# 765

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Tot Ion: 43 Resp: 950186

Ion Ratio Lower Upper

43 100

86 10.2 7.9 11.9

Instrument :

MSVOA_W

ClientSampleId :

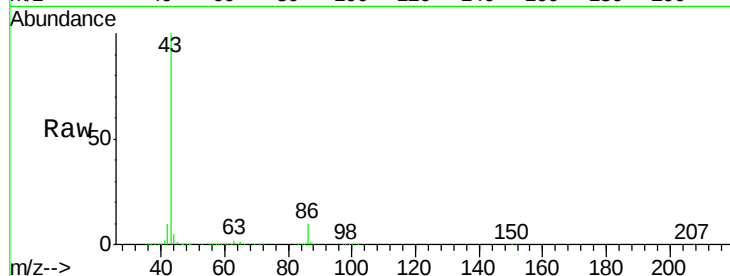
VSTDCCC050

Manual Integrations

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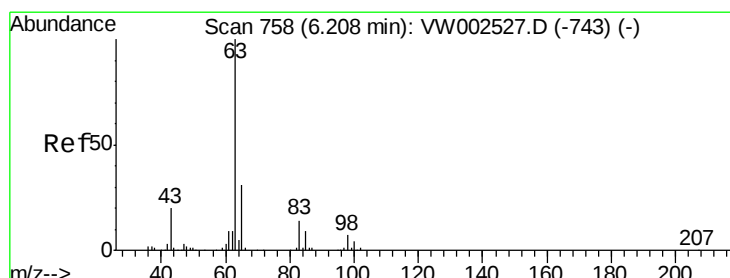
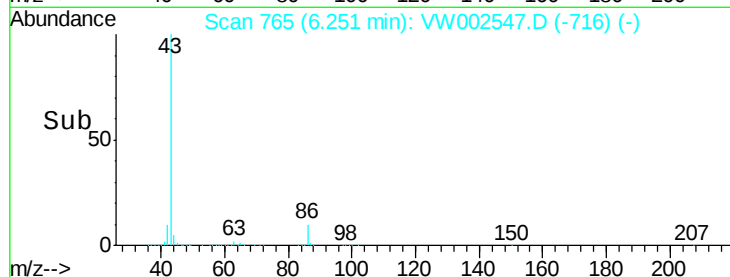
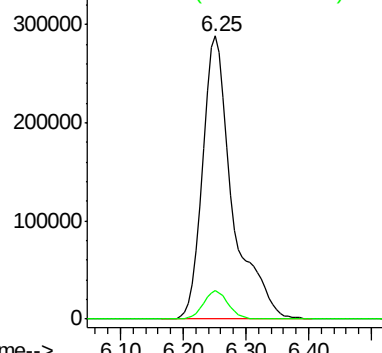
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 49.66 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

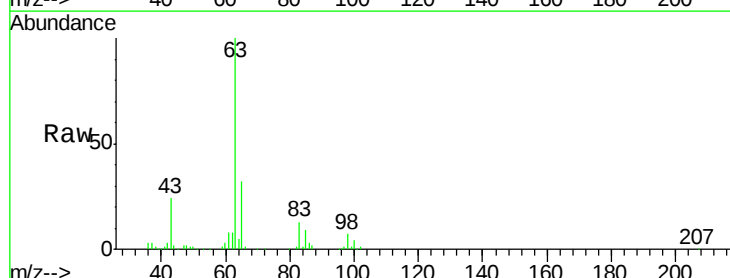
Tgt Ion: 63 Resp: 201146

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

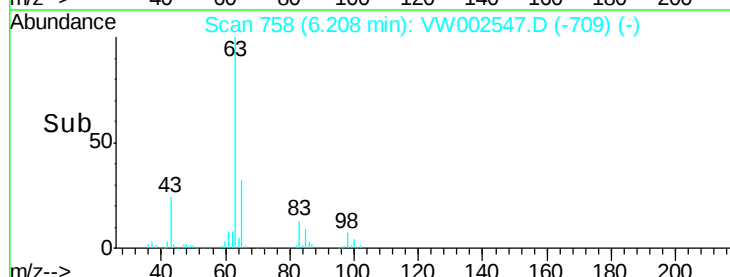
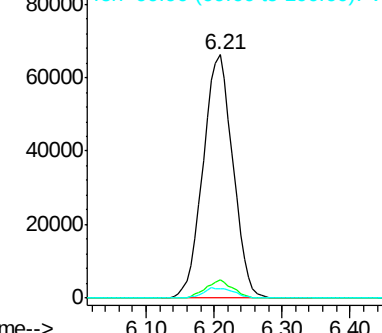
100 4.1 2.1 6.5

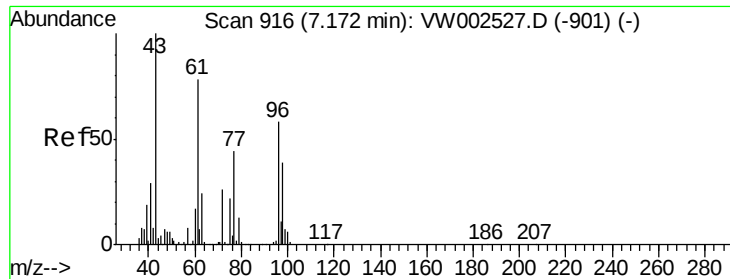


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 214.72 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 161923

Ion Ratio Lower Upper

43 100

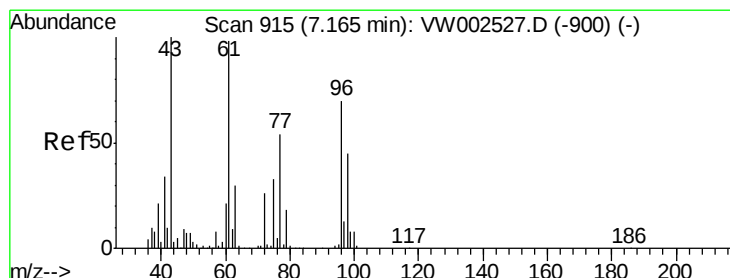
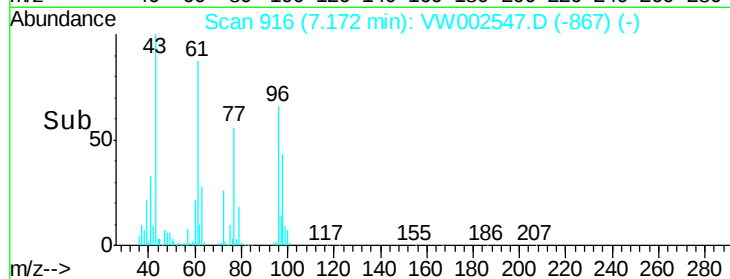
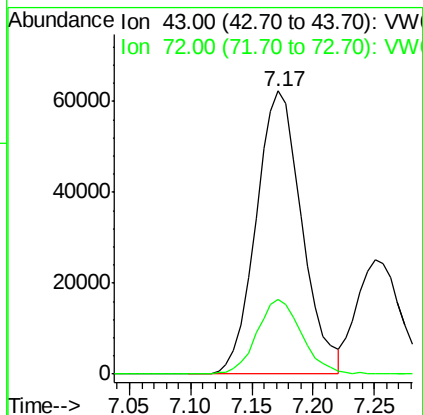
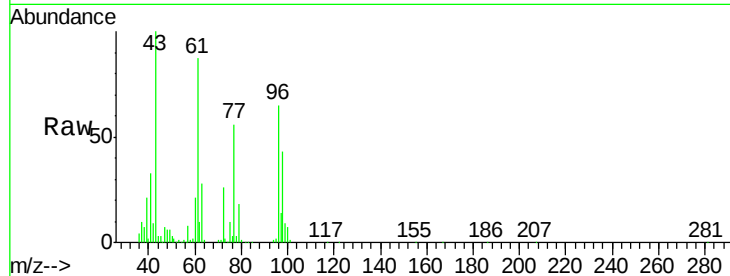
72 26.4 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.90 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW002547.D

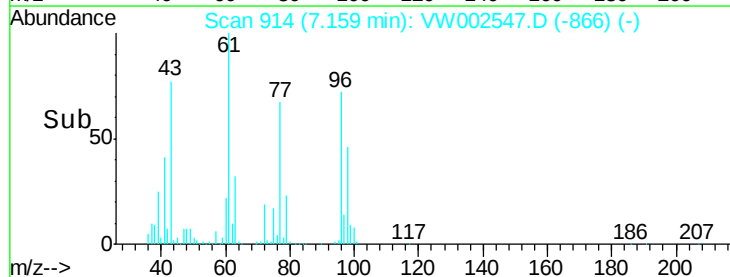
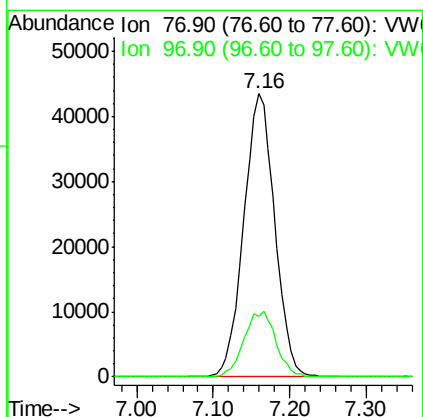
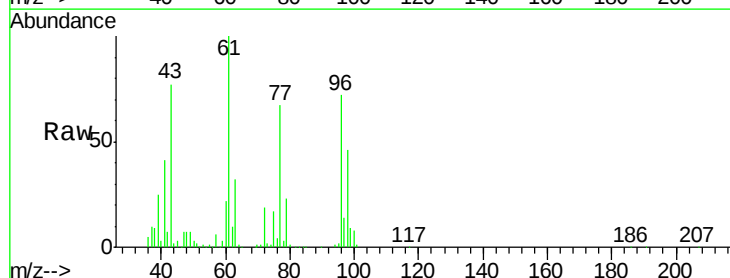
Acq: 15 May 2018 12:09

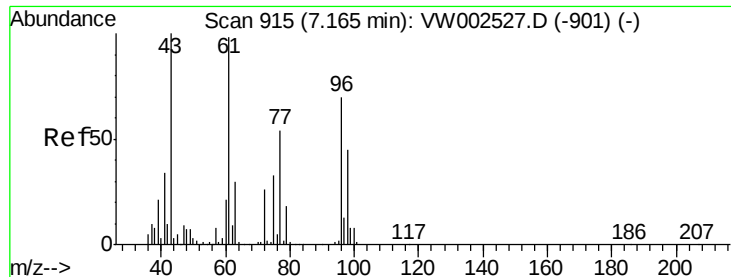
Tgt Ion: 77 Resp: 122342

Ion Ratio Lower Upper

77 100

97 23.9 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 48.25 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

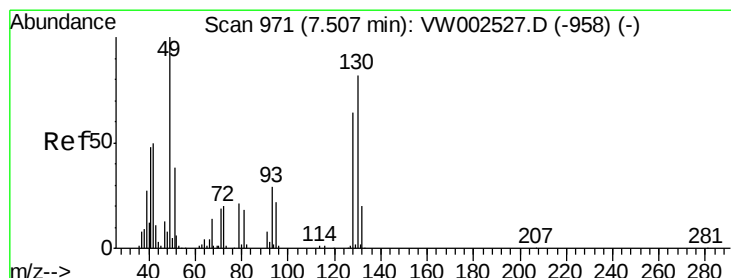
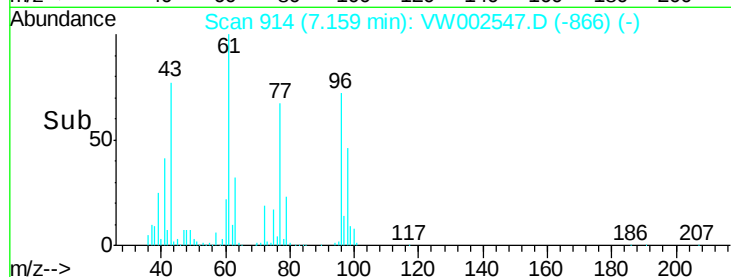
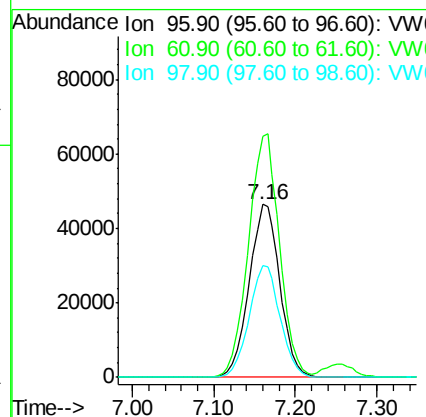
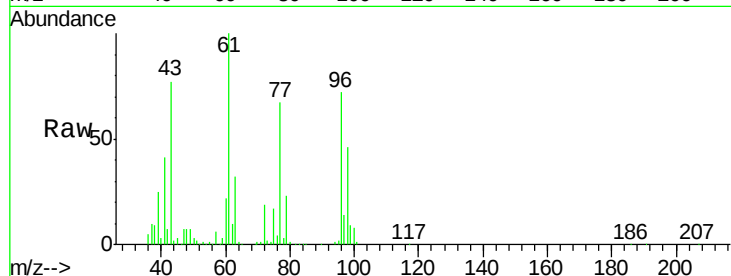
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	121668
Ion Ratio	Lower	Upper	
96	100		
61	142.4	0.0	281.6
98	65.2	0.0	130.8

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#28

Bromochloromethane

Concen: 44.26 ug/l

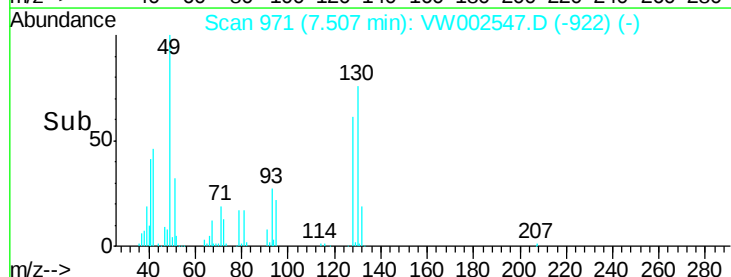
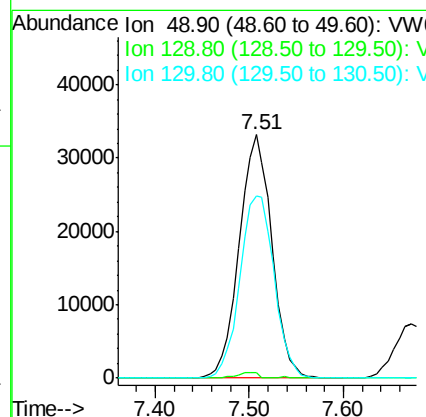
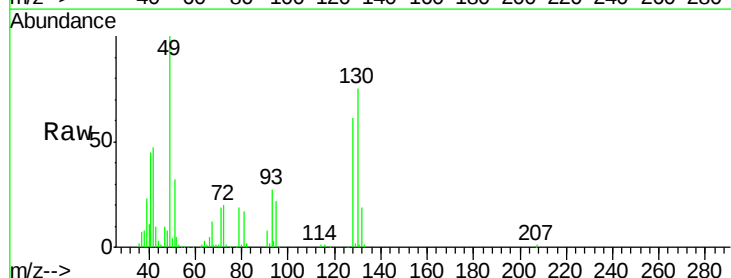
RT: 7.51 min Scan# 971

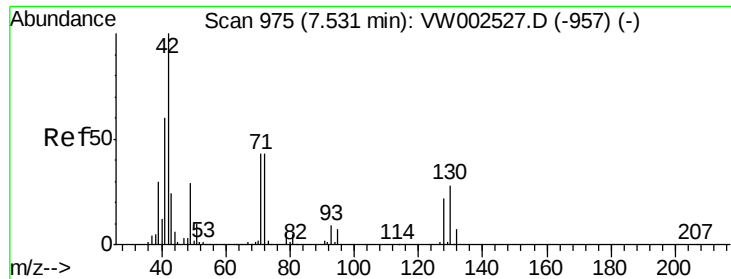
Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Tgt Ion:	49	Resp:	80032
Ion Ratio	Lower	Upper	
49	100		
129	1.4	0.0	4.4
130	79.1	64.7	97.1





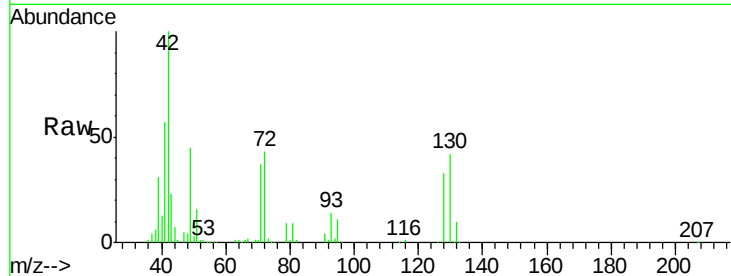
#29
Tetrahydrofuran
Concen: 202.23 ug/l
RT: 7.53 min Scan# 974
Delta R.T. -0.01 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	35.0	52.4
71	40.8	33.0	49.6

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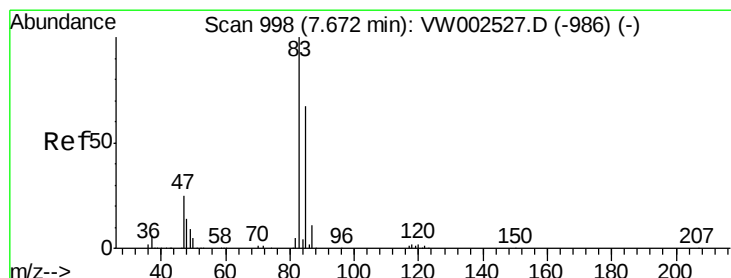
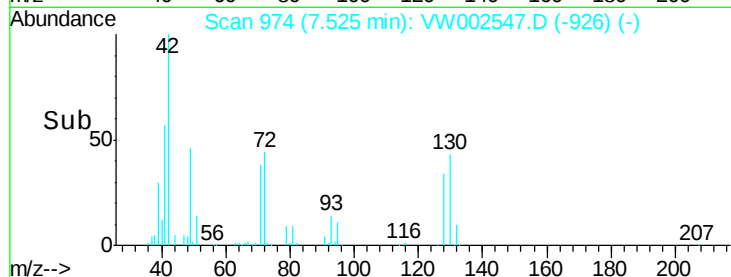
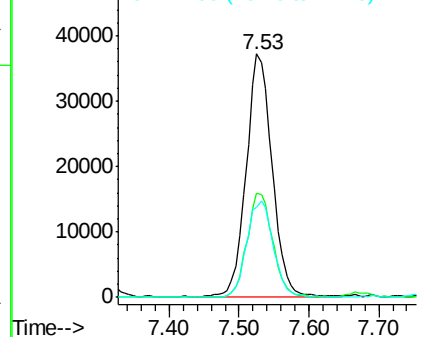


Abundance

Ion 42.00 (41.70 to 42.70): VW

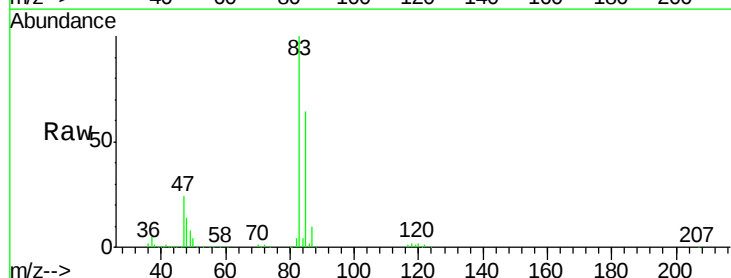
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30
Chloroform
Concen: 48.59 ug/l
RT: 7.67 min Scan# 998
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

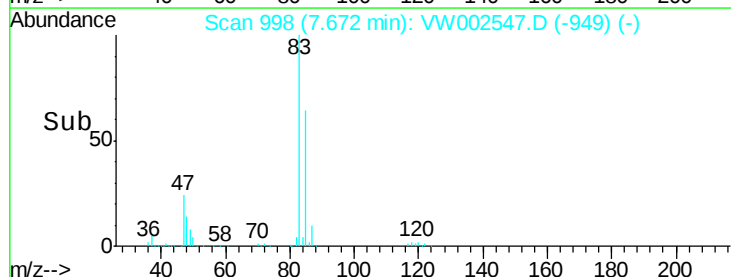
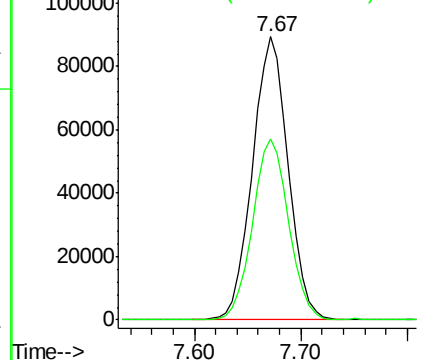
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	53.9	80.9

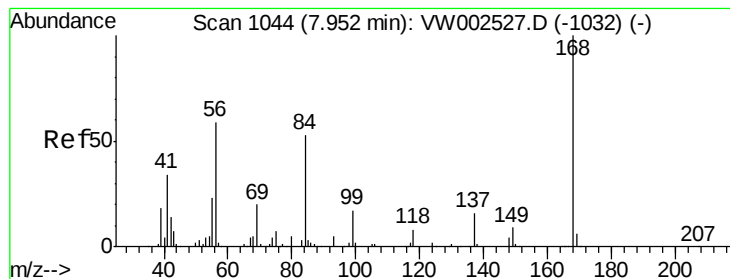


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 48.42 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 173757
Ion Ratio Lower Upper

56 100

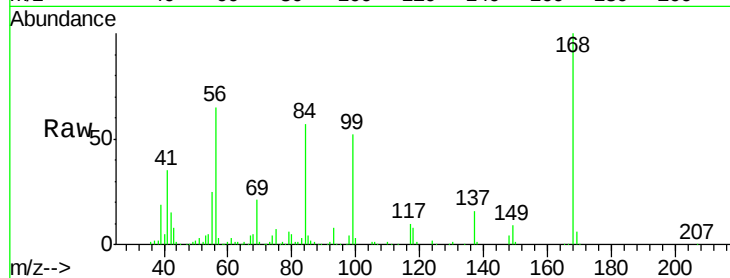
69 32.5 27.0 40.4

84 86.1 72.2 108.2

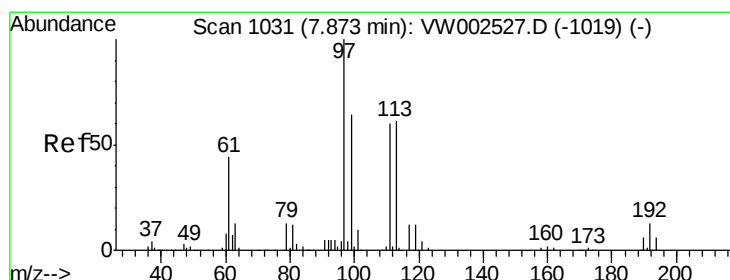
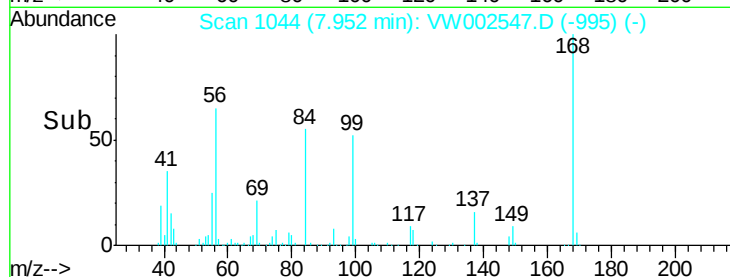
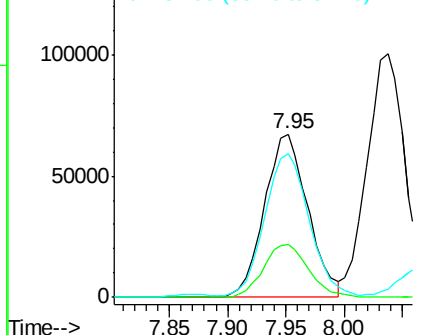
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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 51.12 ug/l

RT: 7.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VW002547.D

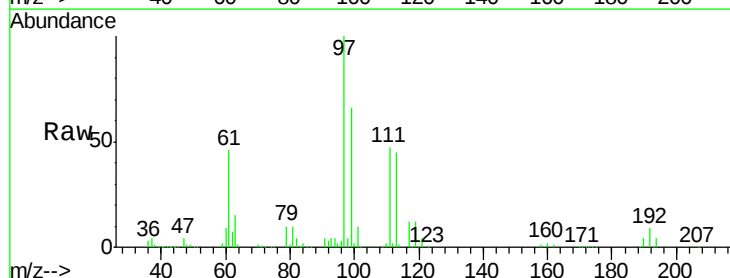
Acq: 15 May 2018 12:09

Tgt Ion: 97 Resp: 166763
Ion Ratio Lower Upper

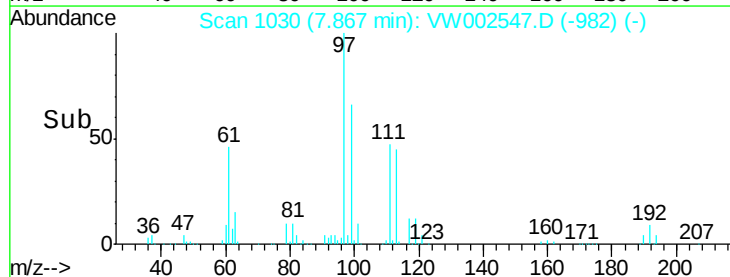
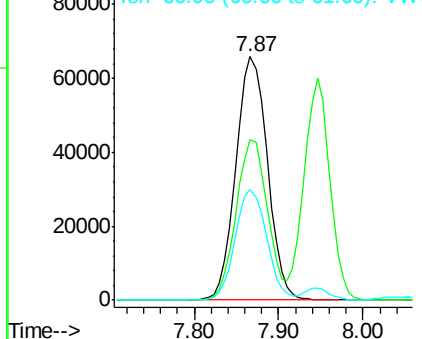
97 100

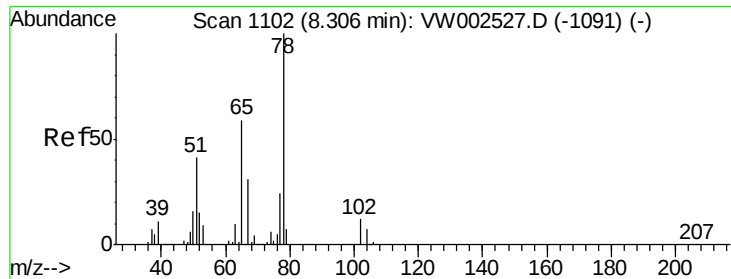
99 66.2 51.1 76.7

61 45.3 35.9 53.9



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





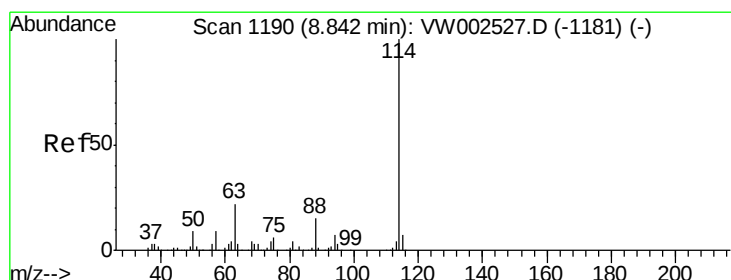
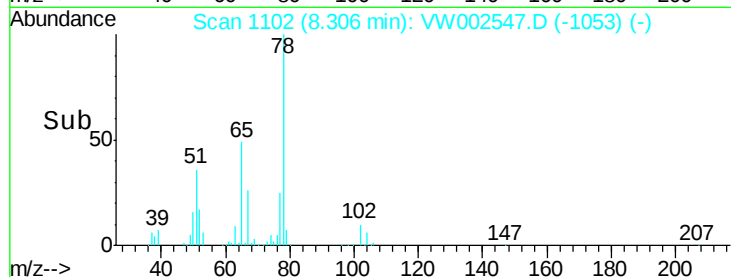
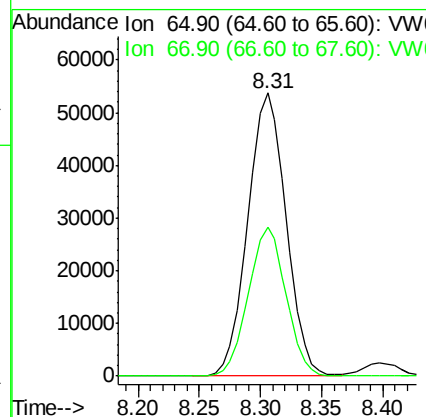
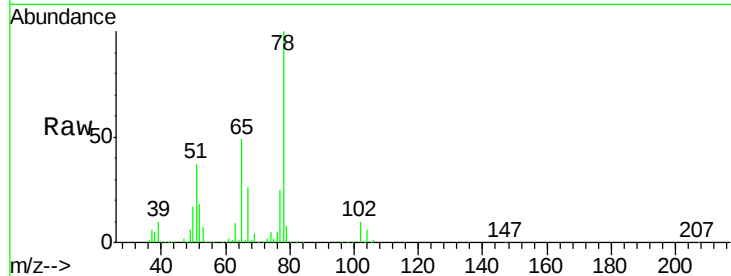
#33
 1,2-Dichloroethane-d4
 Concen: 46.43 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	117284		
67	51.8	0.0	104.4	

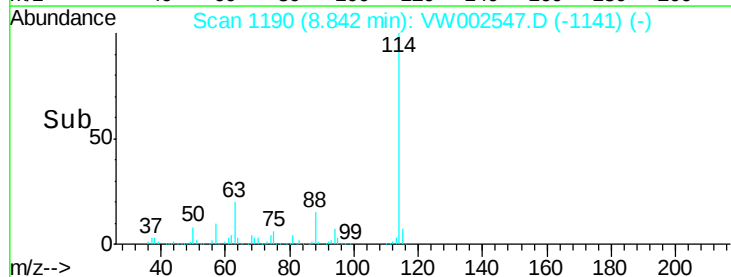
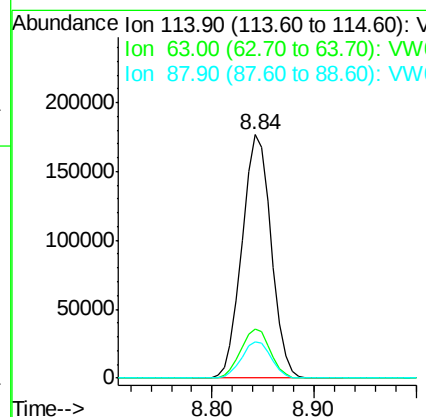
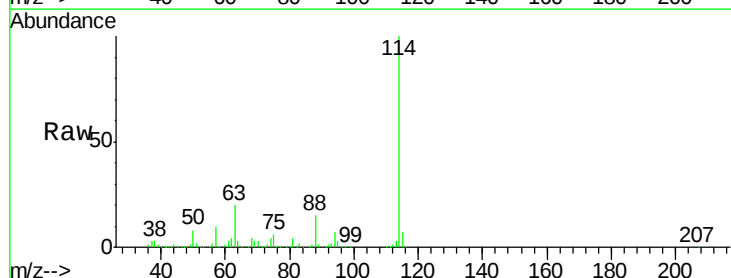
Manual Integrations
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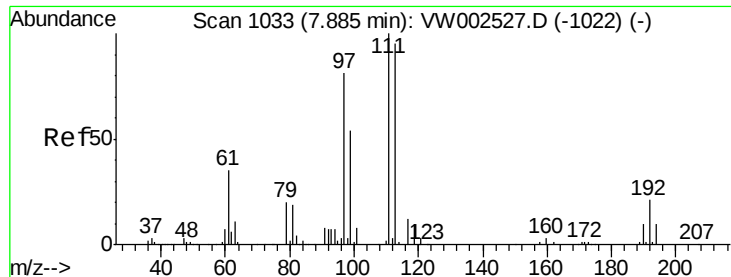
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	349951		
63	20.1	0.0	43.2	
88	15.0	0.0	29.2	





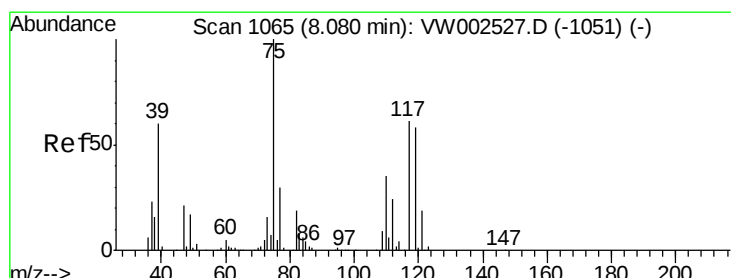
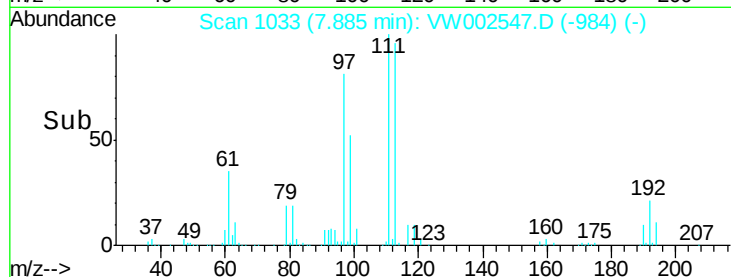
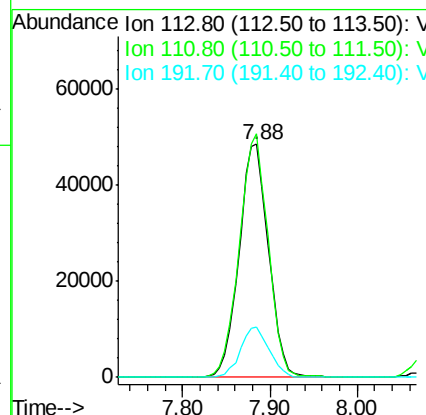
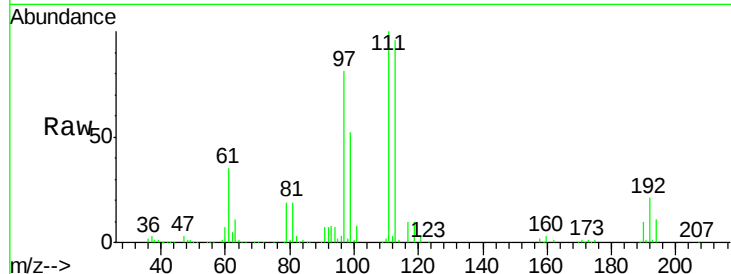
#35
Dibromofluoromethane
Concen: 51.12 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113498		
111	102.5	81.8	122.8	
192	21.1	17.5	26.3	

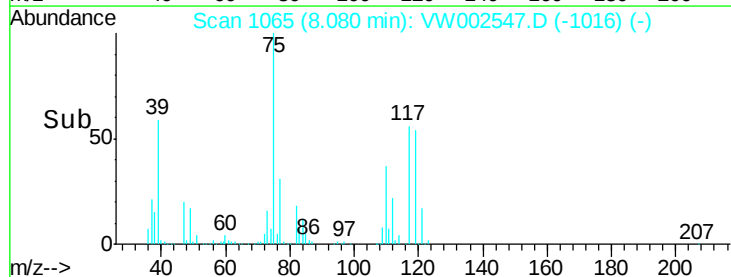
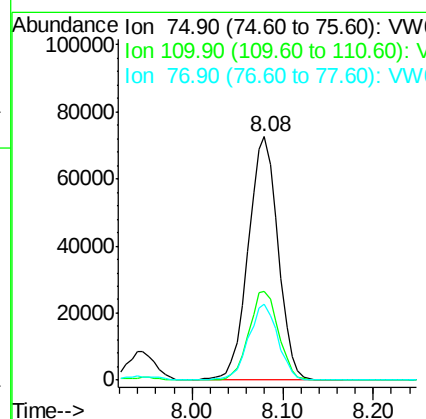
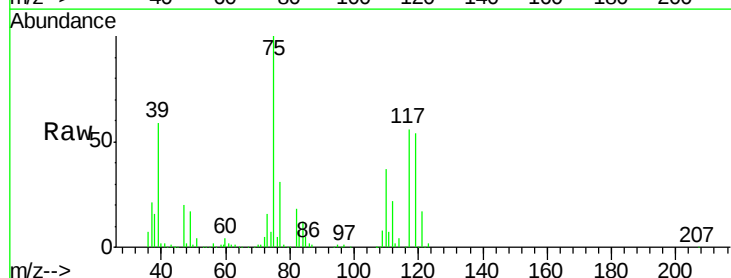
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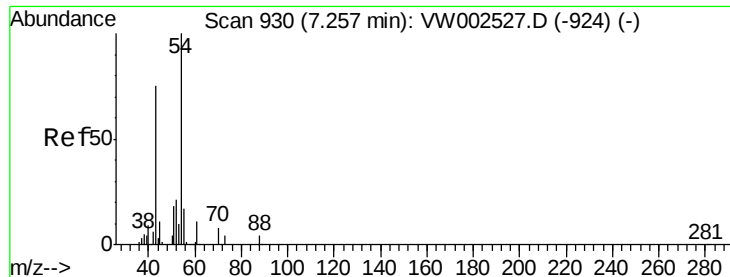
apatel
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#36
1,1-Dichloropropene
Concen: 53.20 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	164293		
110	36.4	17.8	53.5	
77	31.0	24.5	36.7	





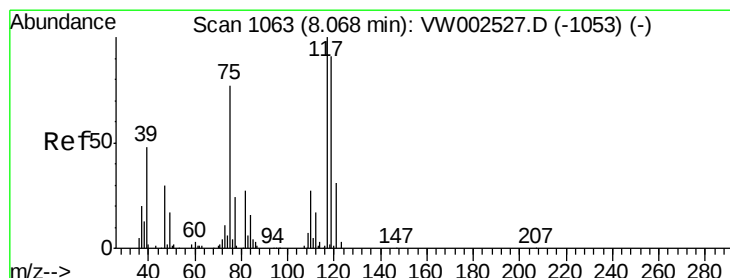
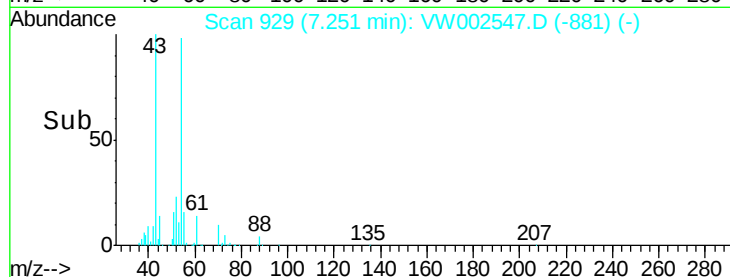
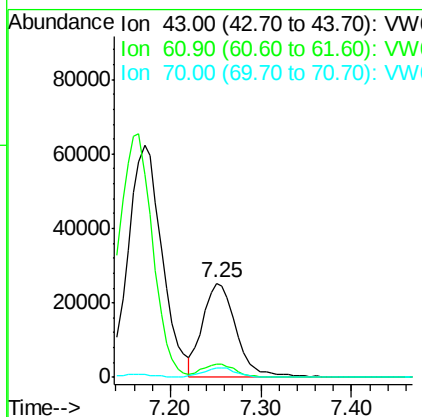
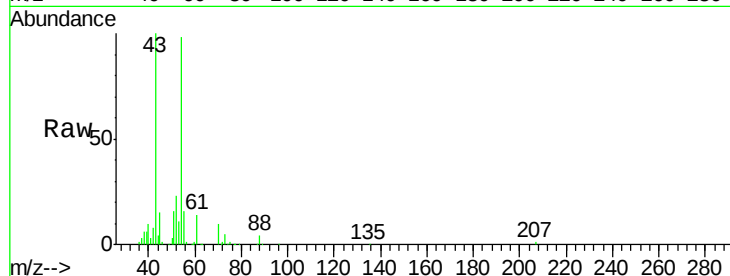
#37
Ethyl Acetate
Concen: 42.27 ug/l
RT: 7.25 min Scan# 929
Delta R.T. -0.01 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.1	16.7
70	10.2	7.8	11.8

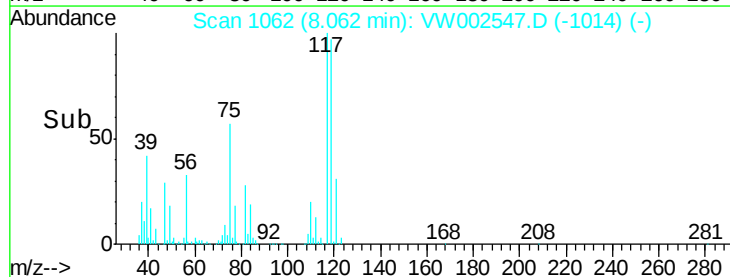
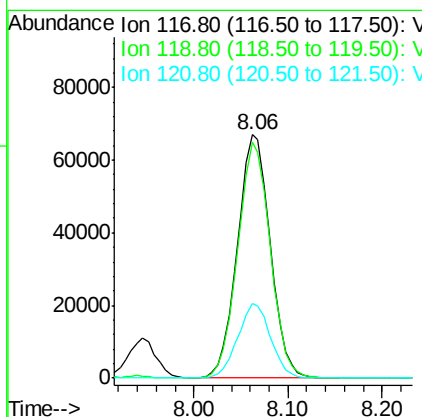
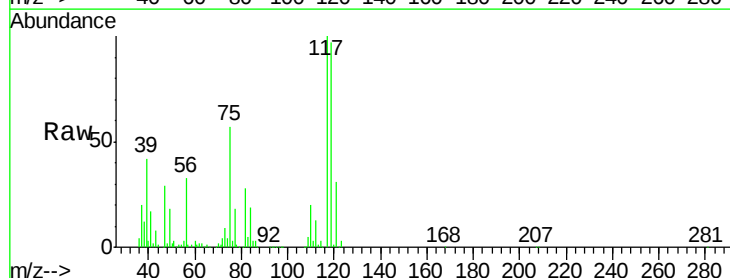
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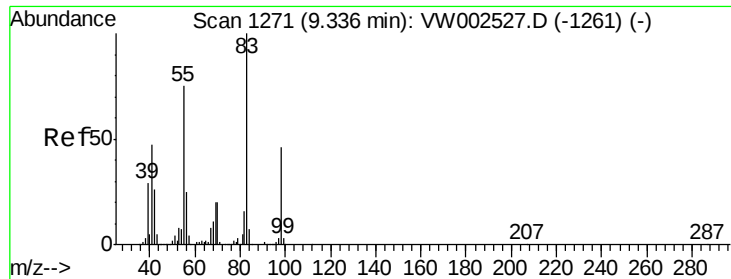
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#38
Carbon Tetrachloride
Concen: 54.06 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	73.1	109.7
121	30.7	24.4	36.6





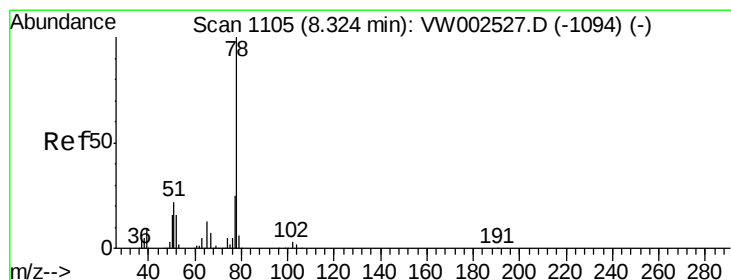
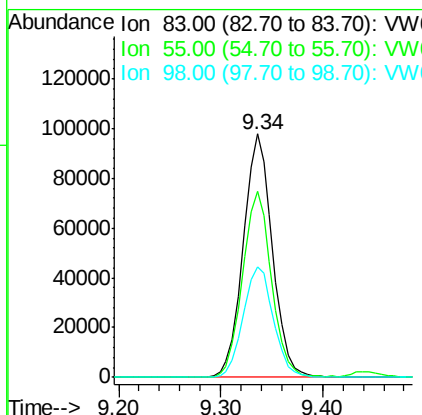
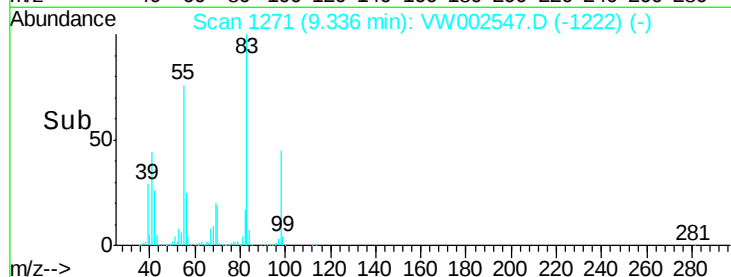
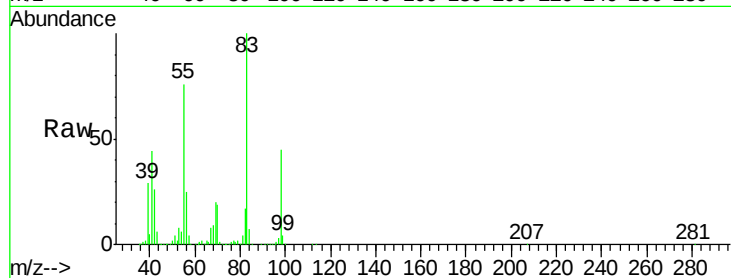
#39
Methvlcvclohexane
Concen: 54.81 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	193866		
55	76.2		60.0	90.0
98	45.3		37.0	55.4

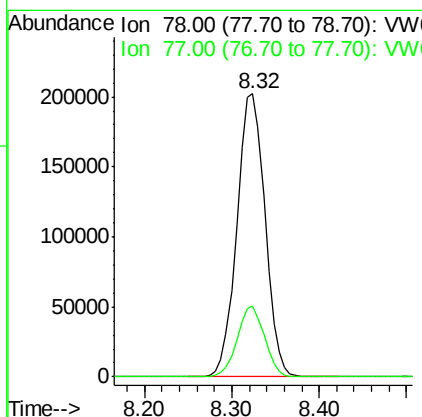
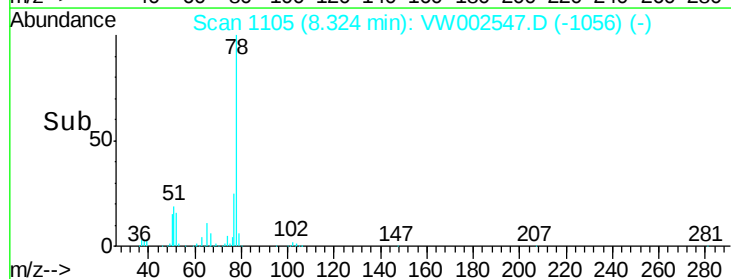
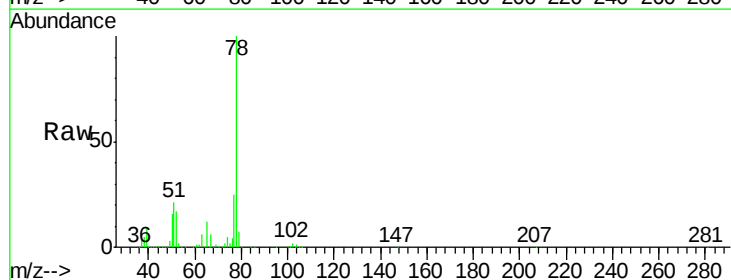
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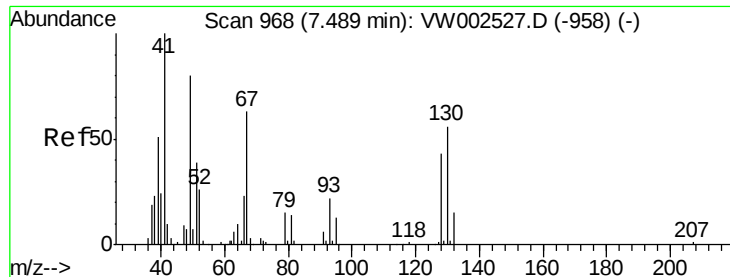
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#40
Benzene
Concen: 51.00 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	452236		
77	24.9		19.9	29.9





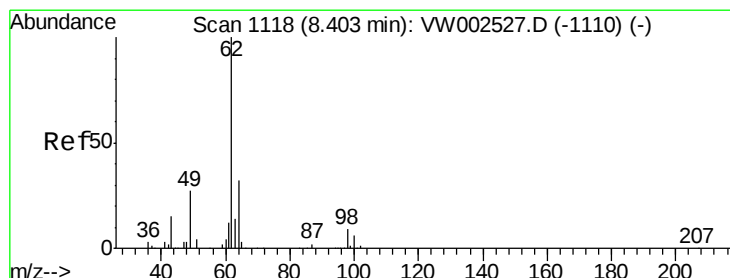
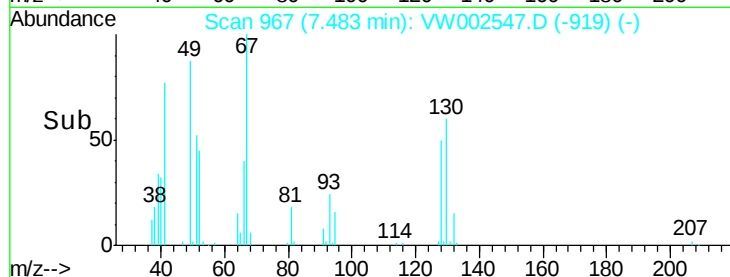
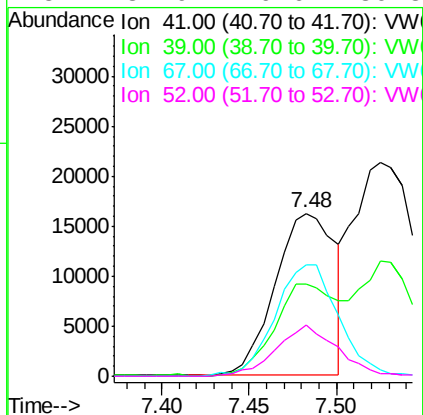
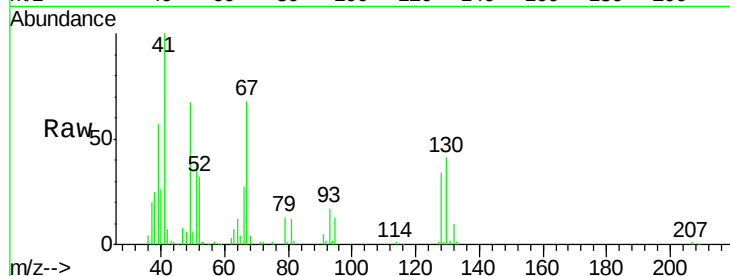
#41
Methacrylonitrile
Concen: 45.16 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	38715
Ion Ratio	Lower	Upper	
41	100		
39	57.3	51.8	77.8
67	72.9	59.9	89.9
52	32.9	26.6	39.8

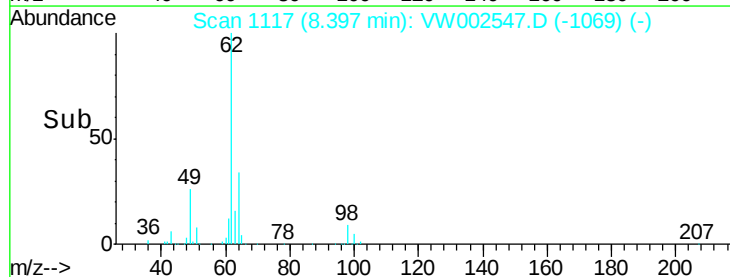
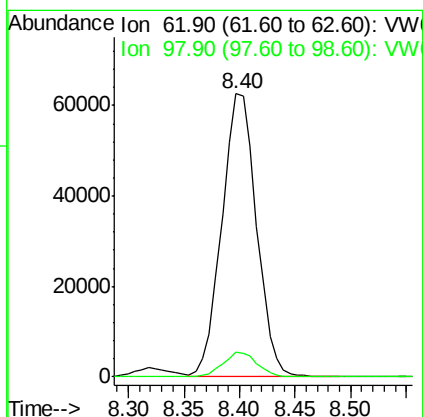
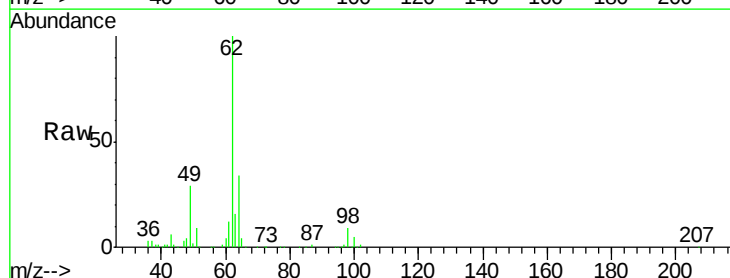
Manual Integrations
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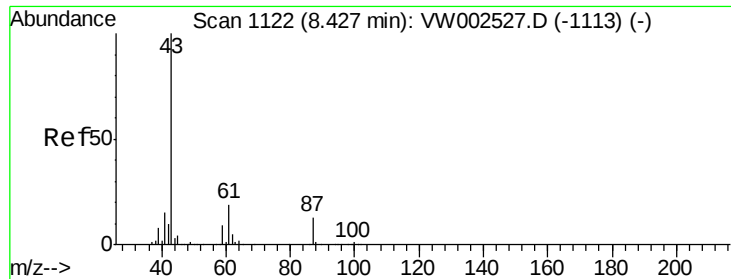
apatel
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#42
1,2-Dichloroethane
Concen: 48.07 ug/l
RT: 8.40 min Scan# 1117
Delta R.T. -0.01 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion	62	Resp	135363
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	17.8





#43

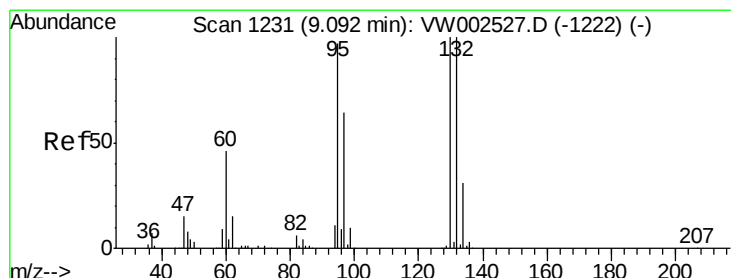
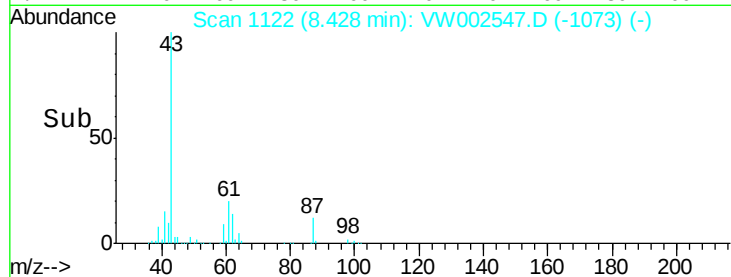
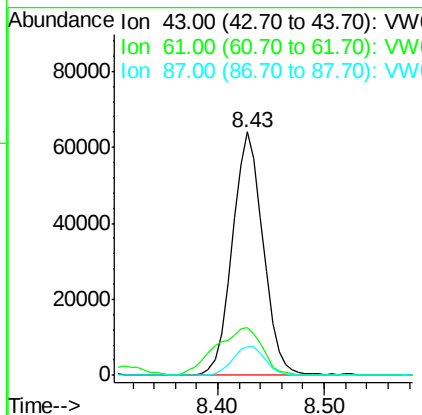
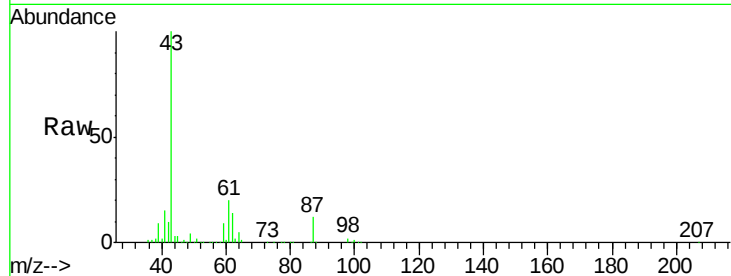
Isopropyl Acetate
 Concen: 43.78 ug/l
 RT: 8.43 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.0	34.6
87	12.8	10.6	15.8

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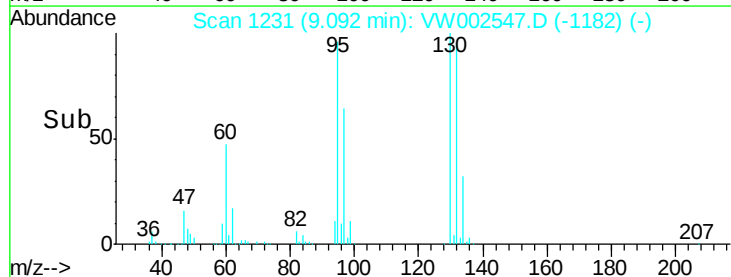
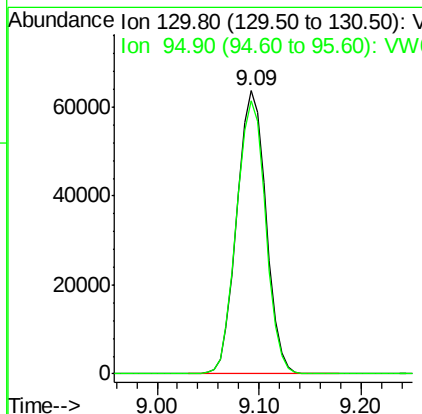
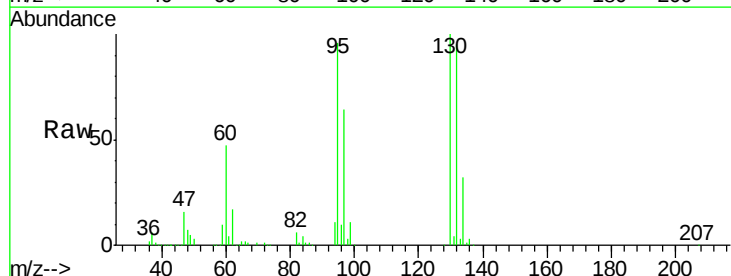
apatel
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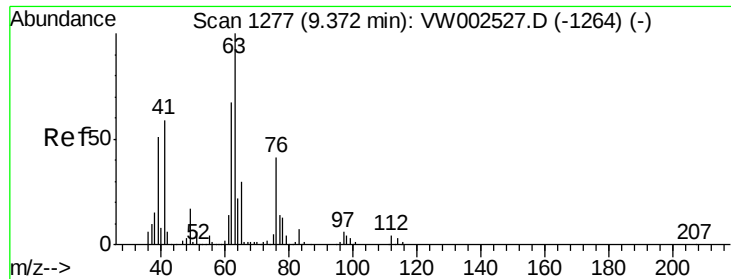


#44

Trichloroethene
 Concen: 51.89 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	194.6





#45

1,2-Dichloropropane

Concen: 50.56 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 114239

Ion Ratio Lower Upper

63 100

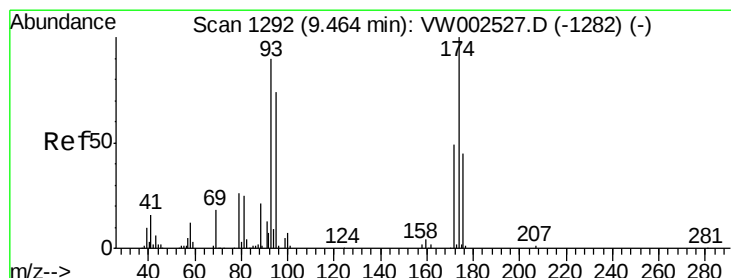
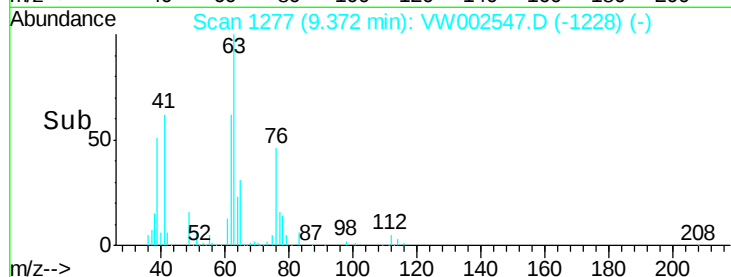
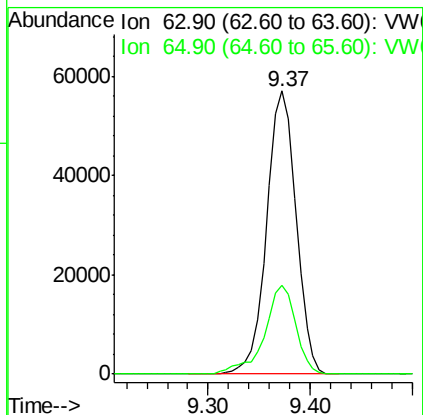
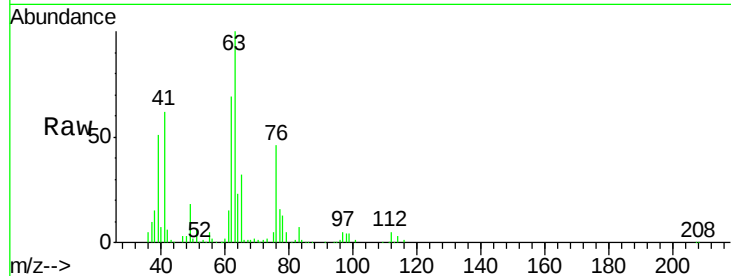
65 31.6 24.4 36.6

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#46

Dibromomethane

Concen: 46.81 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

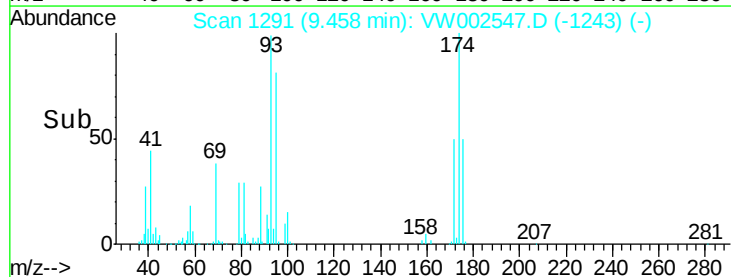
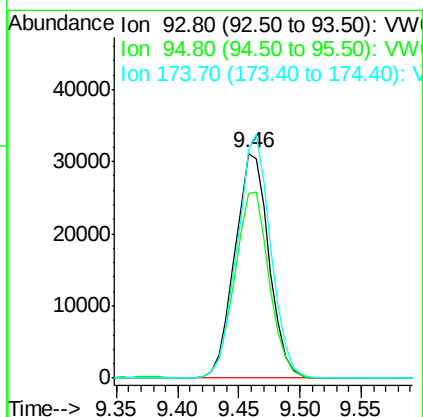
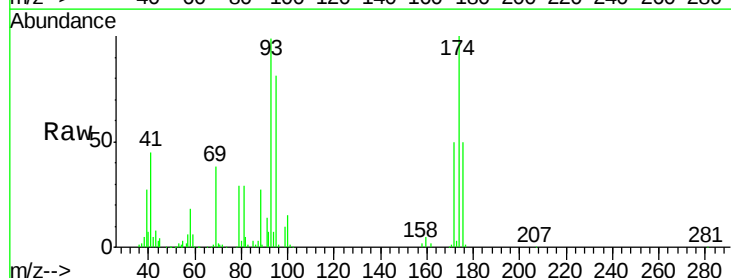
Tgt Ion: 93 Resp: 60177

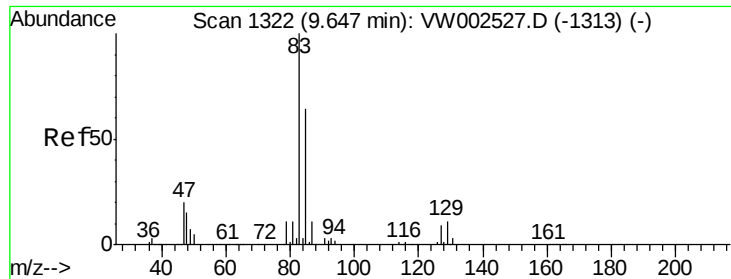
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 106.4 84.0 126.0





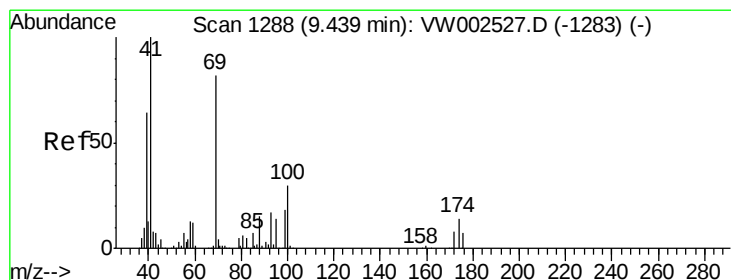
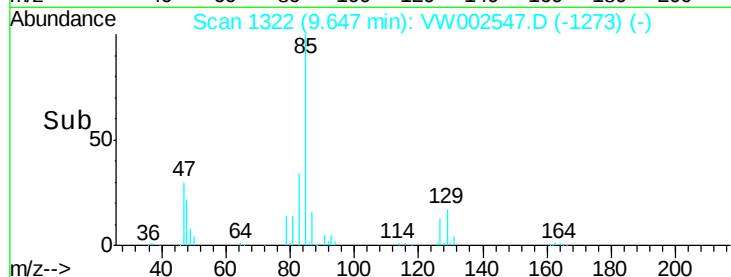
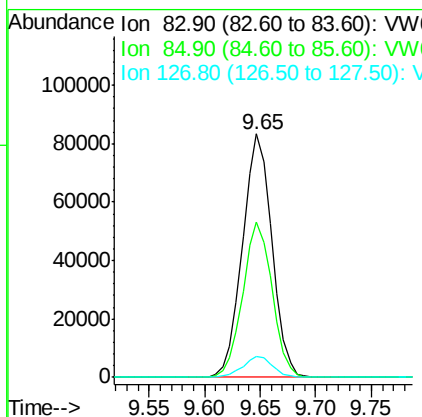
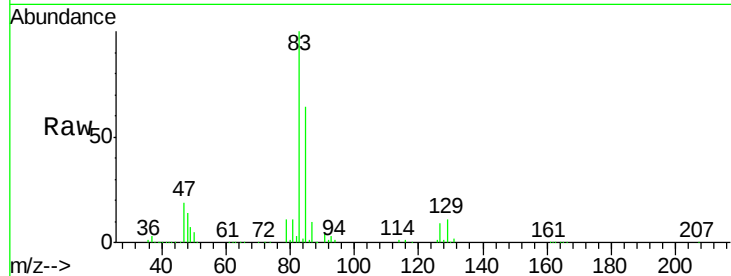
#47
 Bromodichloromethane
 Concen: 50.87 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	152540
Ion Ratio	100	Lower	Upper
83	100		
85	63.7	51.4	77.2
127	8.5	7.0	10.4

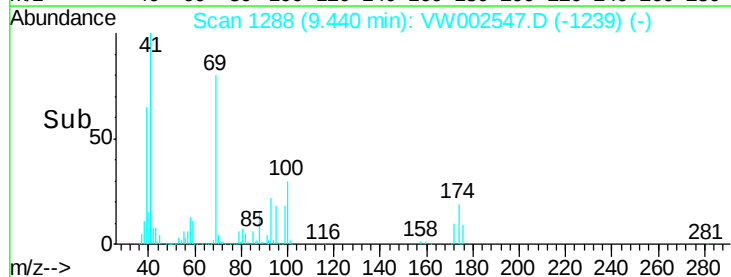
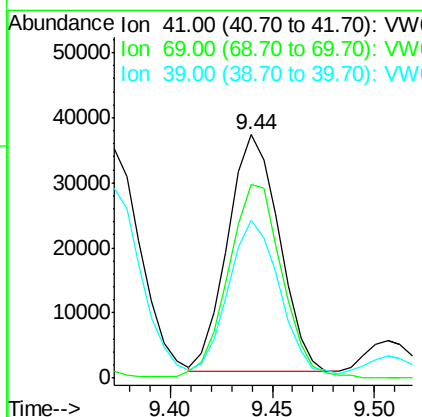
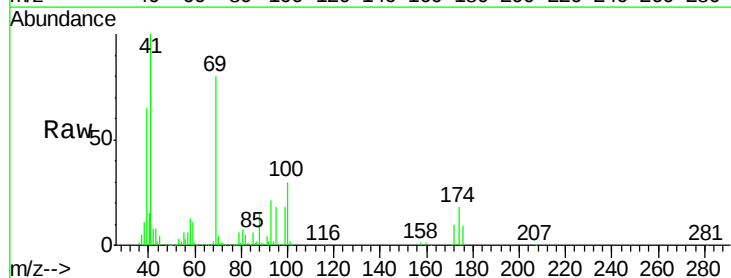
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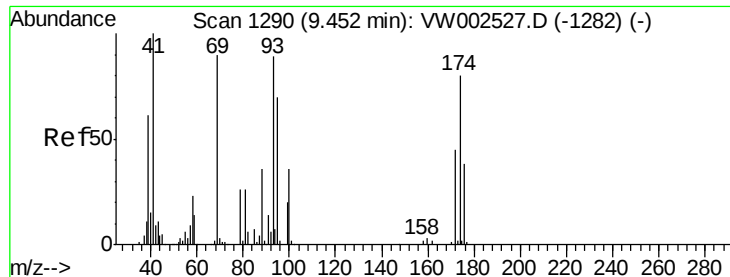
apatel
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#48
 Methyl methacrylate
 Concen: 44.54 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Tgt Ion	41	Resp	63569
Ion Ratio	100	Lower	Upper
41	100		
69	85.3	69.7	104.5
39	68.1	55.0	82.4





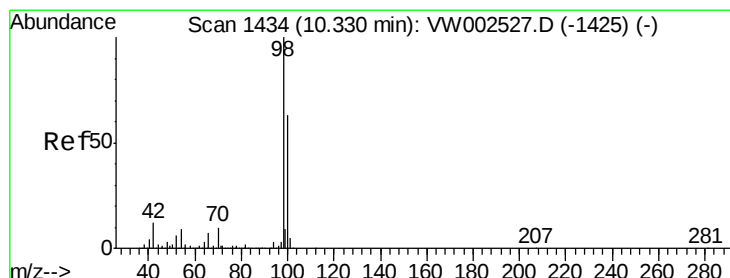
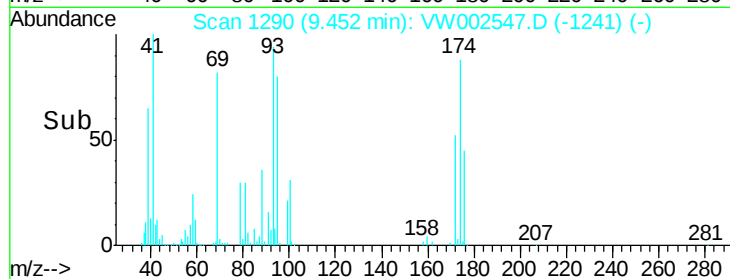
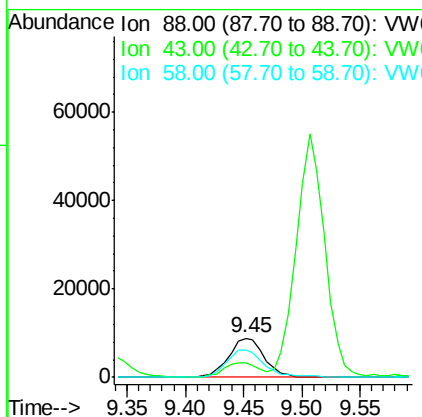
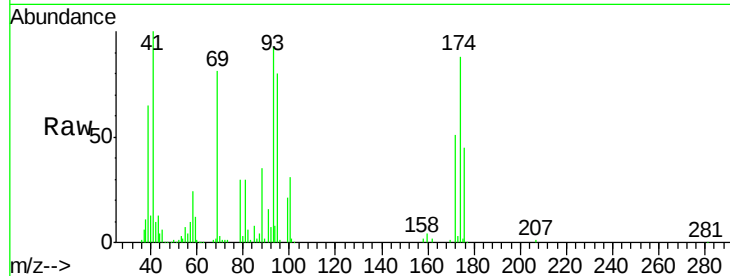
#49
1,4-Dioxane
Concen: 885.68 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	18977
Ion Ratio	100	Lower	Upper
88	100		
43	33.7	27.0	40.4
58	74.8	56.9	85.3

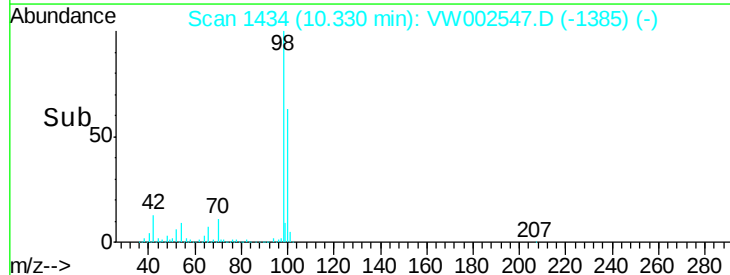
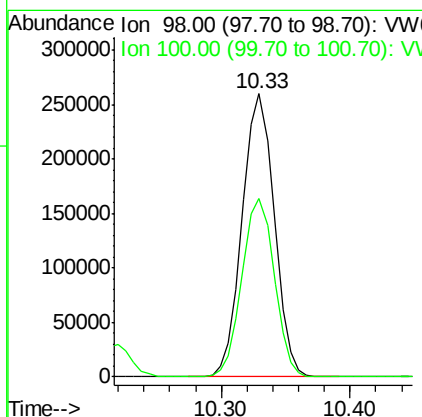
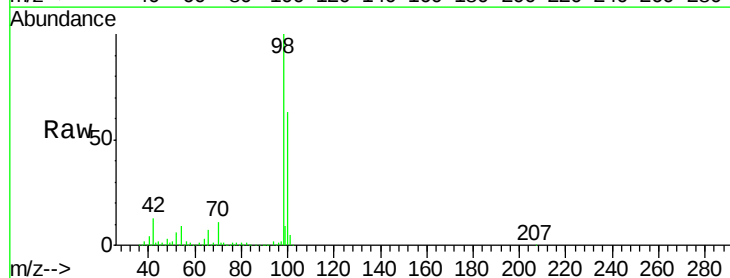
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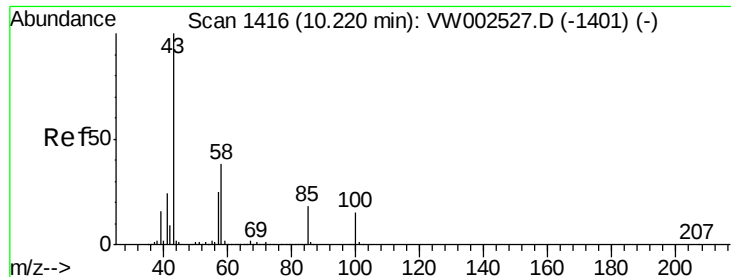
apatel
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#50
Toluene-d8
Concen: 53.09 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion	98	Resp	448447
Ion Ratio	100	Lower	Upper
98	100		
100	63.7	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 212.50 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 343694

Ion Ratio Lower Upper

43 100

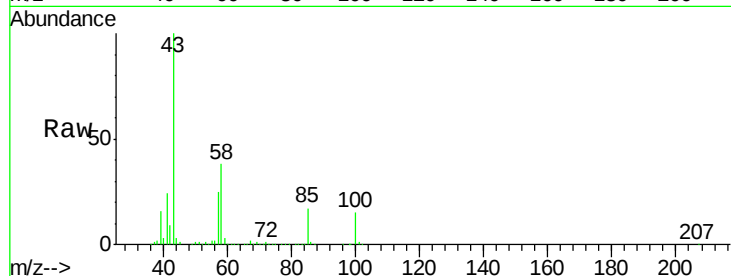
58 37.3 30.1 45.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.22

200000

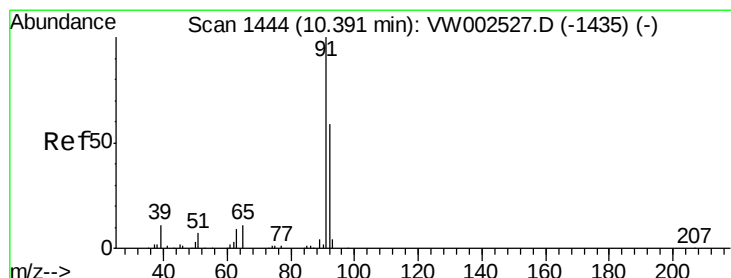
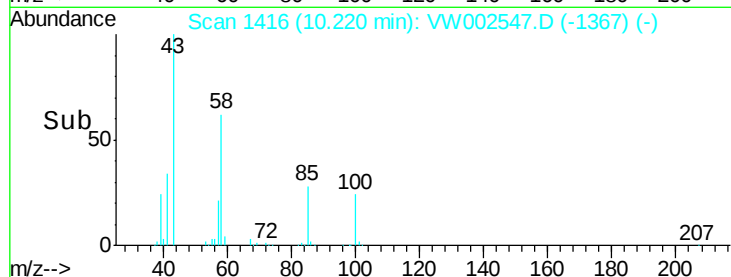
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 52.41 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW002547.D

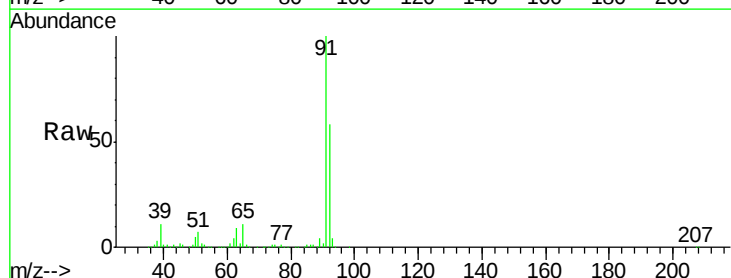
Acq: 15 May 2018 12:09

Tgt Ion: 92 Resp: 293824

Ion Ratio Lower Upper

92 100

91 174.2 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

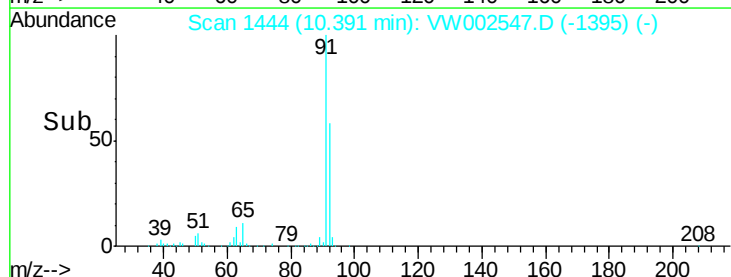
300000

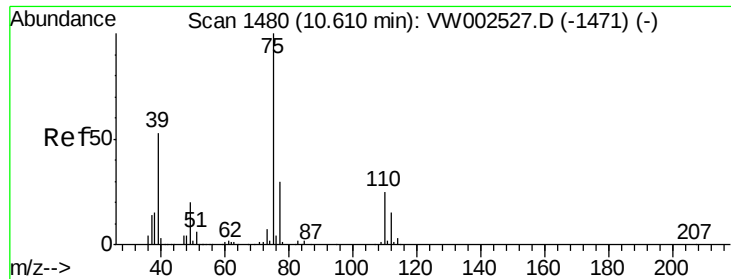
200000

100000

0

Time-->





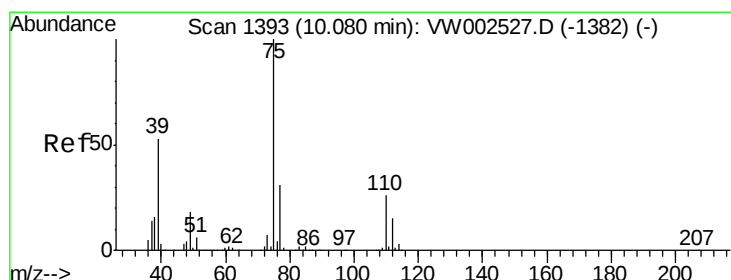
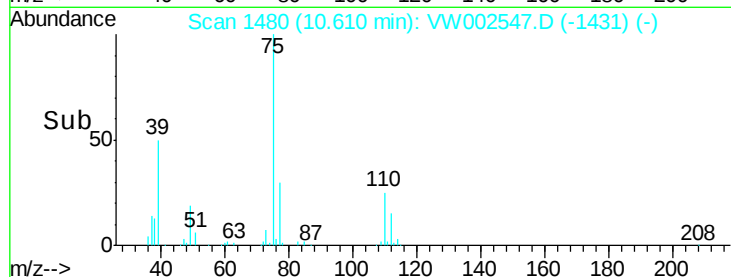
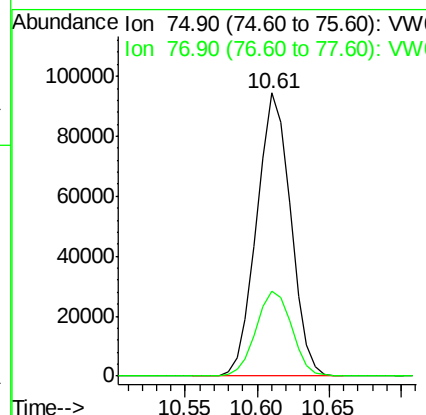
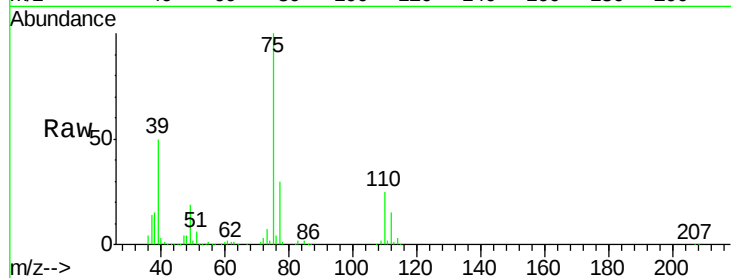
#53
t-1,3-Dichloropropene
Concen: 50.77 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	153937		
77	29.9	24.1	36.1	

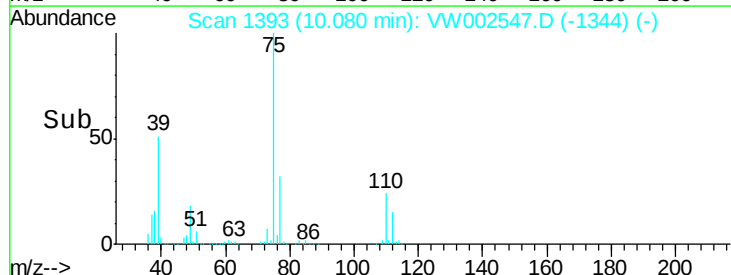
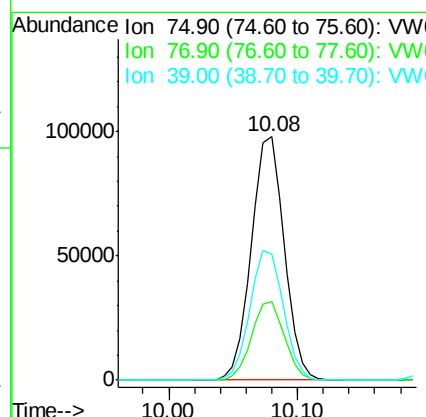
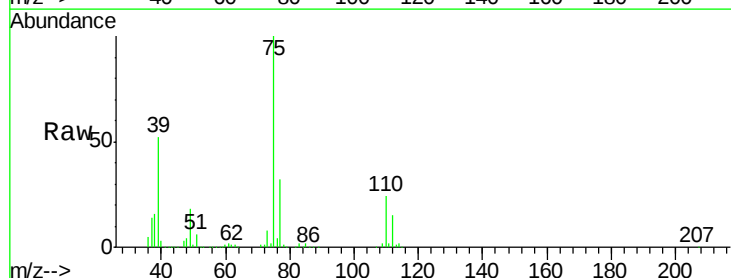
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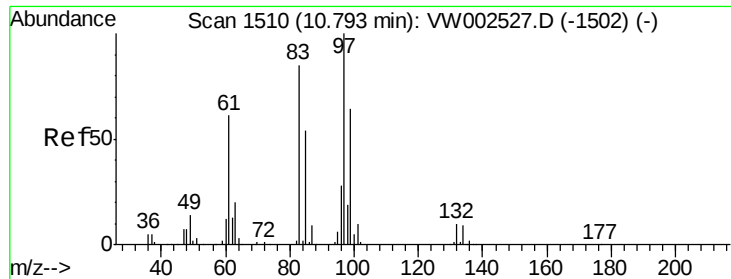
apatel
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#54
cis-1,3-Dichloropropene
Concen: 51.09 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	172678		
77	32.4	25.0	37.4	
39	51.4	42.5	63.7	





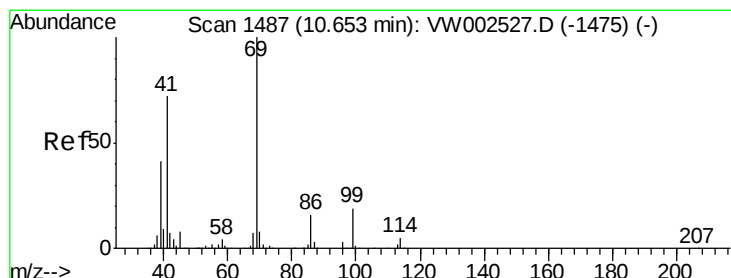
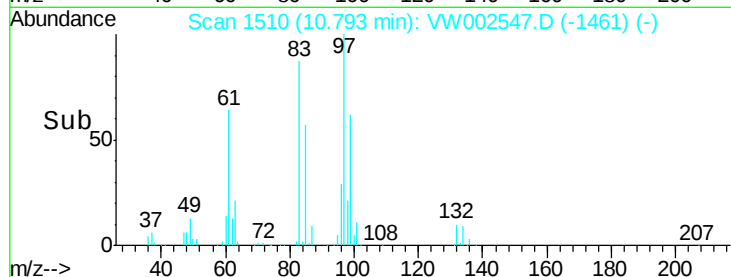
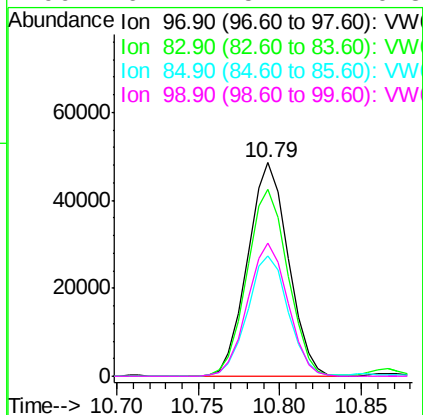
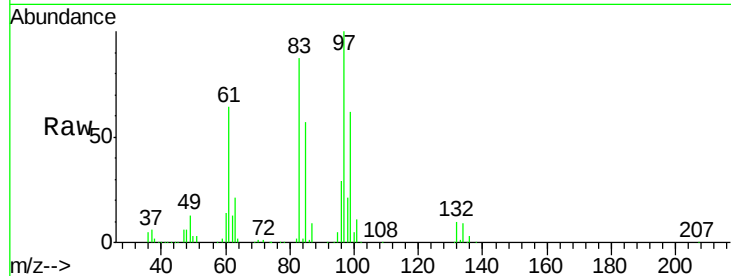
#55
 1,1,2-Trichloroethane
 Concen: 46.45 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	84135
Ion	Ratio	Lower	Upper
97	100		
83	87.3	68.1	102.1
85	56.5	43.6	65.4
99	62.2	51.2	76.8

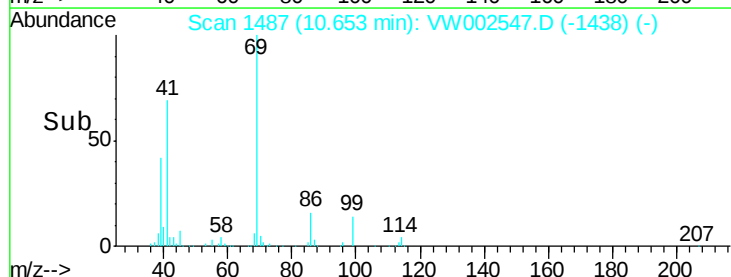
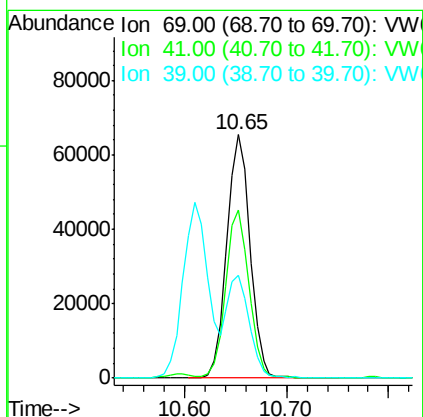
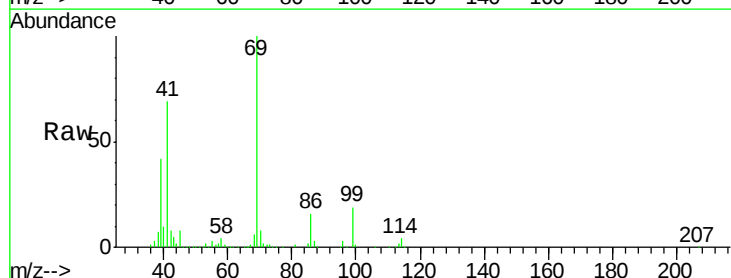
Manual Integrations
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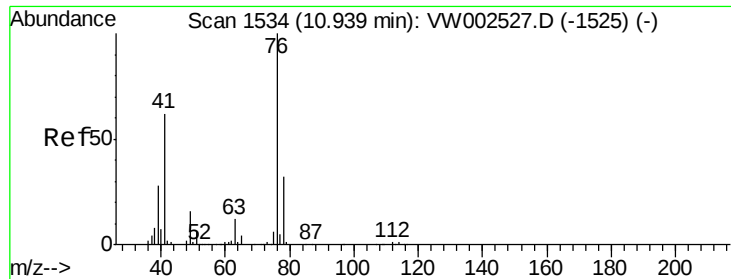
apatel
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#56
 Ethyl methacrylate
 Concen: 46.79 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Tgt Ion:	69	Resp:	103272
Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.3	82.9
39	40.0	33.0	49.6





#57

1,3-Dichloropropane

Concen: 47.72 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 143361

Ion Ratio Lower Upper

76 100

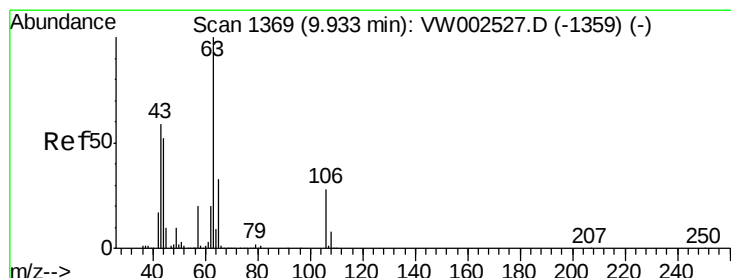
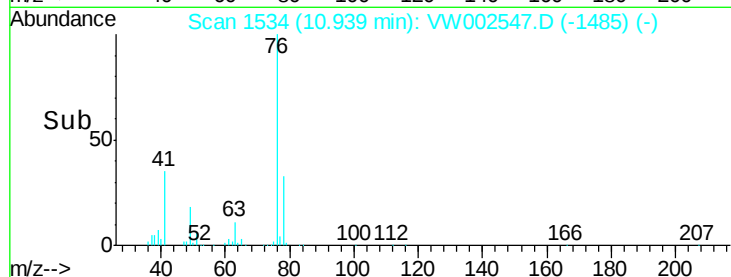
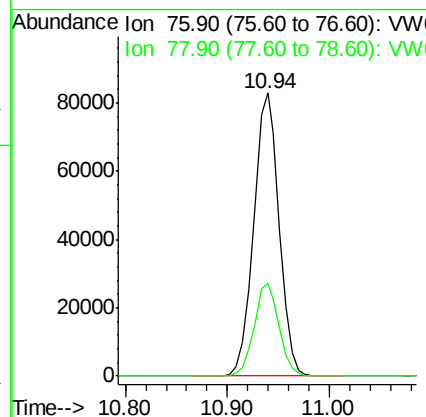
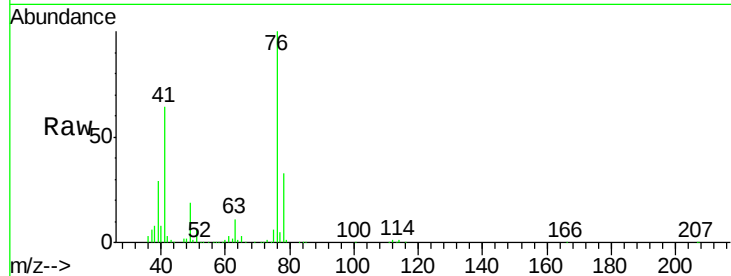
78 32.3 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 224.16 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW002547.D

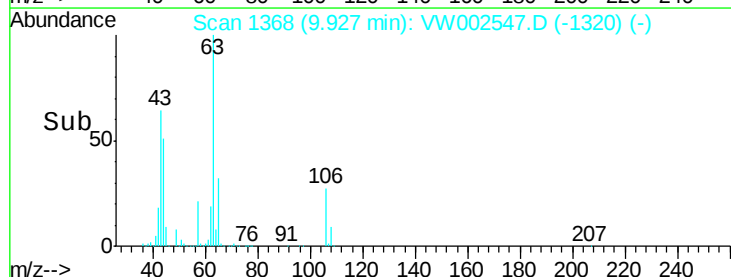
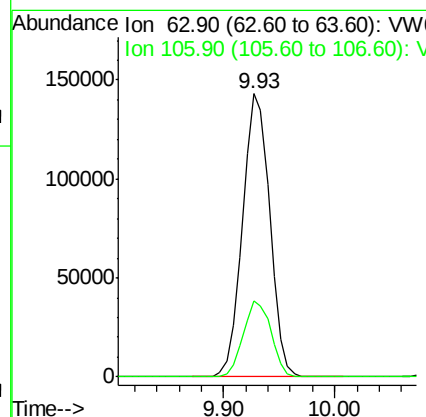
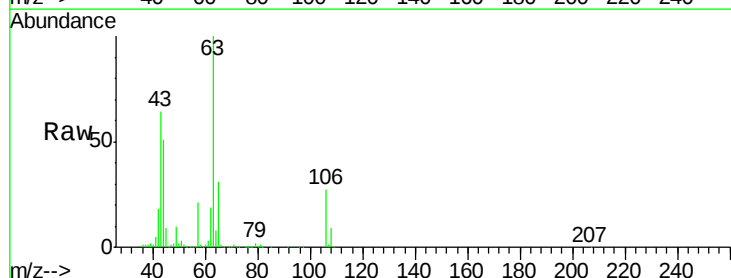
Acq: 15 May 2018 12:09

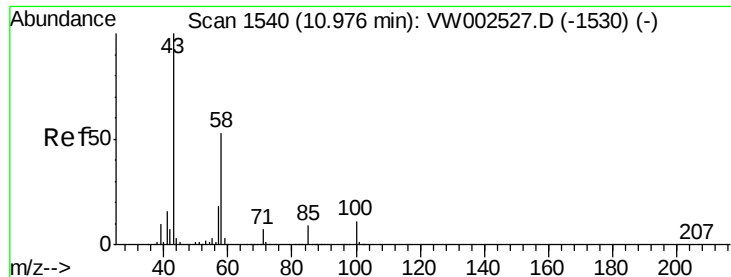
Tgt Ion: 63 Resp: 242907

Ion Ratio Lower Upper

63 100

106 27.6 22.9 34.3





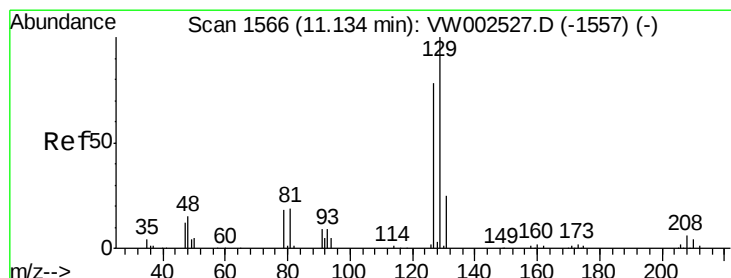
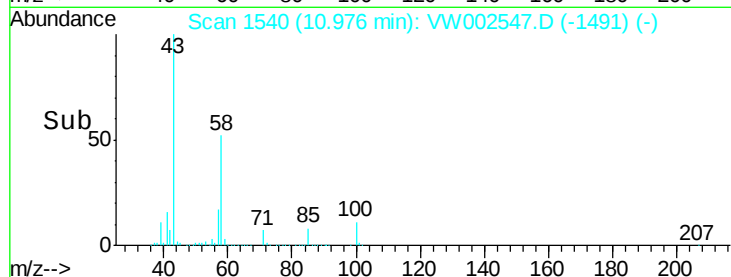
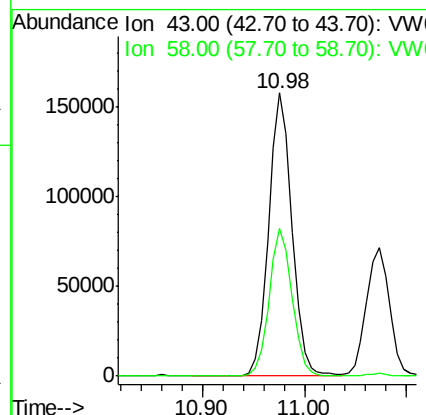
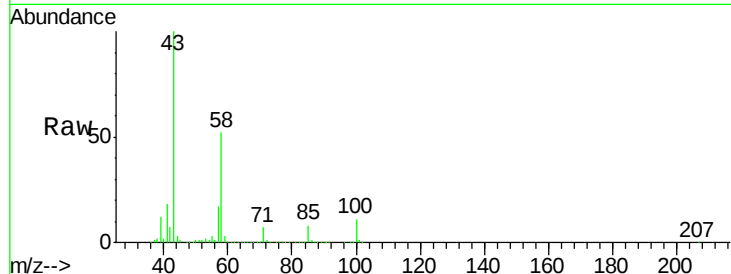
#59
2-Hexanone
Concen: 224.06 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 250193
Ion Ratio Lower Upper
43 100
58 51.2 26.3 78.8

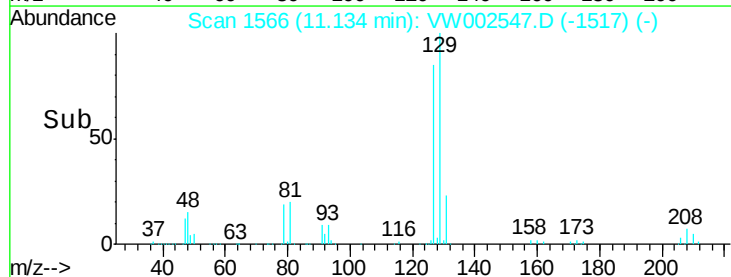
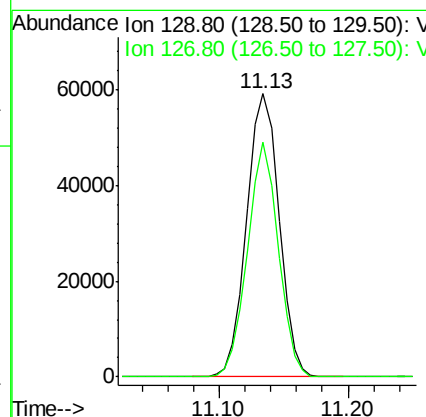
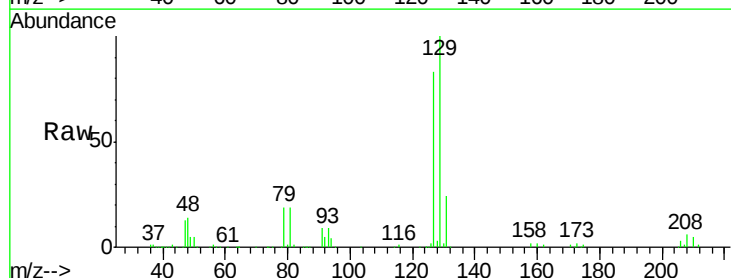
Manual Integrations
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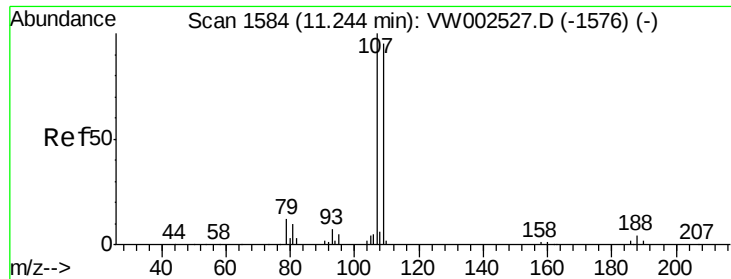
apatel
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#60
Dibromochloromethane
Concen: 48.23 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion: 129 Resp: 103077
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.7





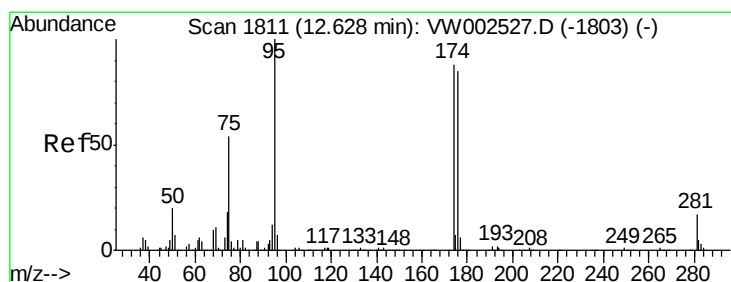
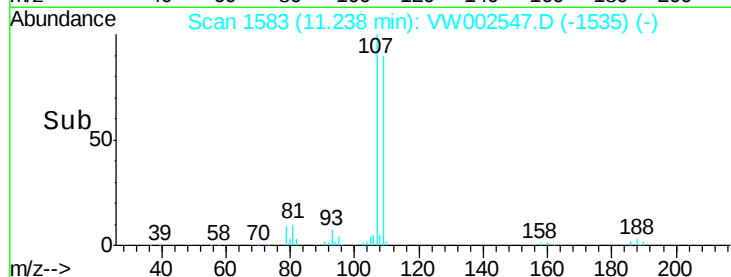
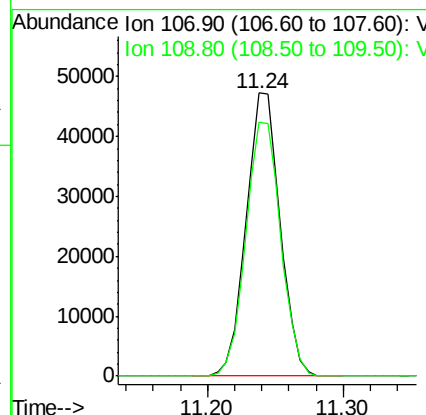
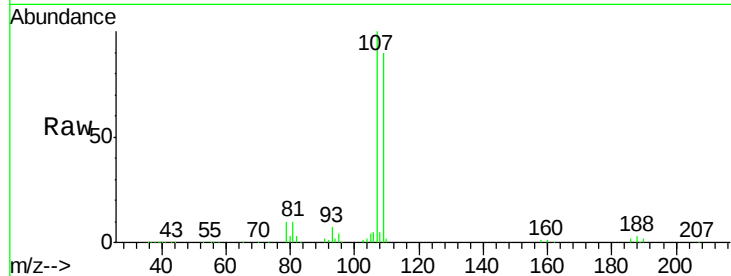
#61
 1,2-Dibromoethane
 Concen: 47.26 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.5	75.4	113.2

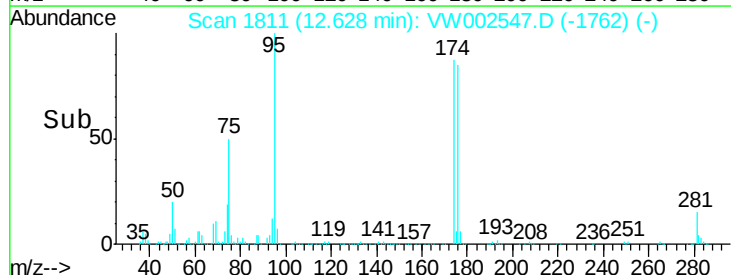
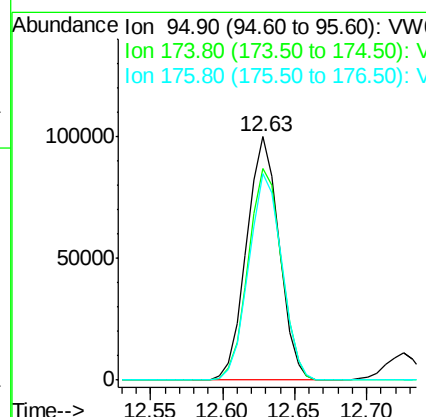
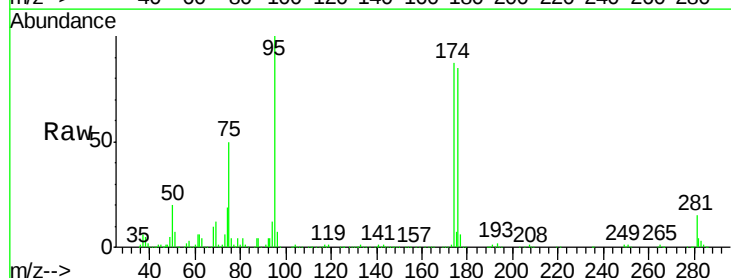
Manual Integrations
 APPROVED

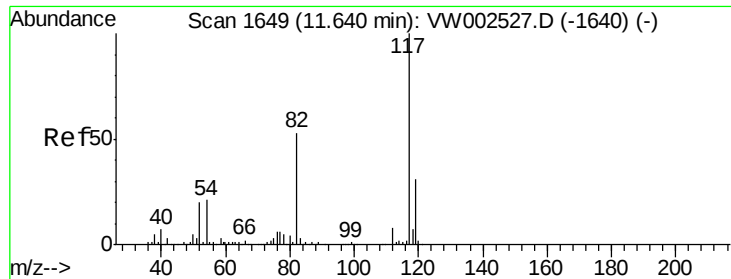
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.82 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	176.6
176	85.7	0.0	172.2





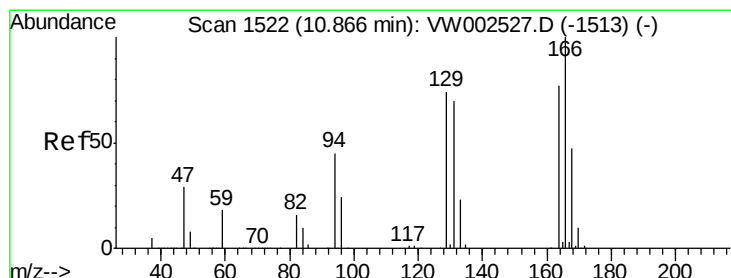
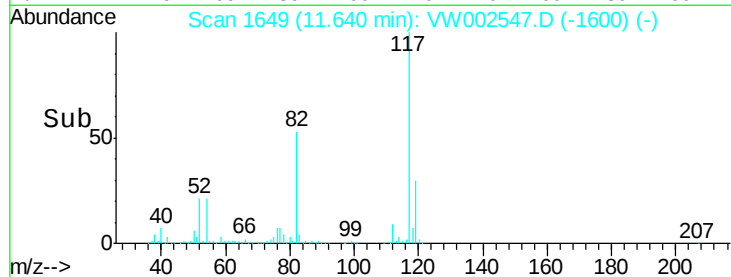
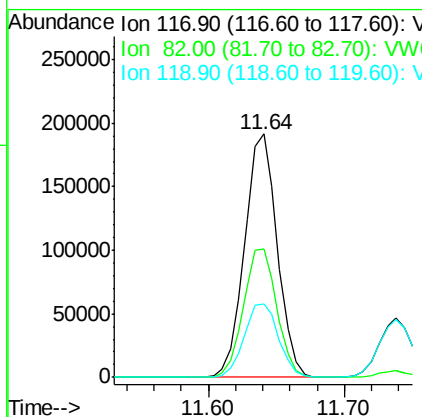
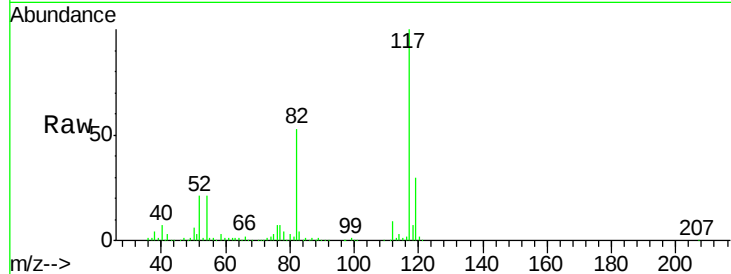
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	321045		
82	52.5		42.6	64.0
119	30.2		25.0	37.6

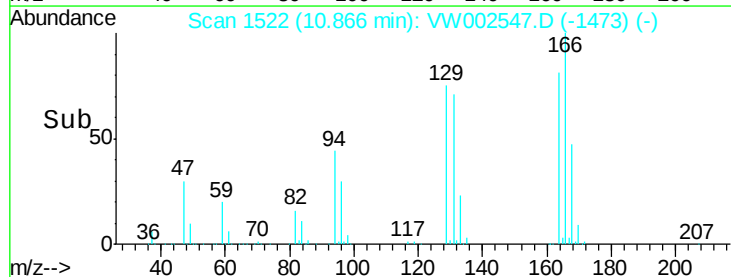
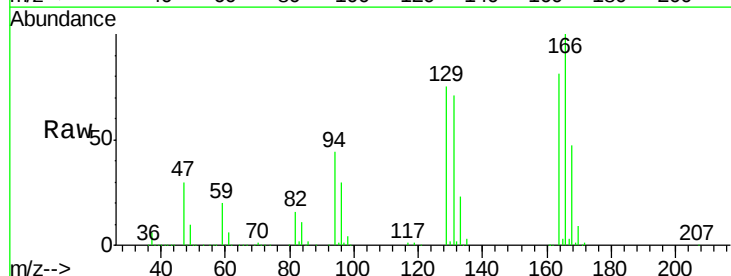
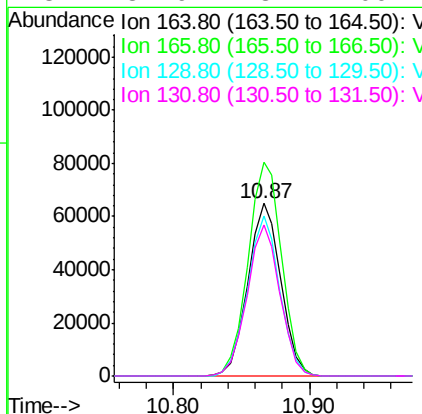
Manual Integrations
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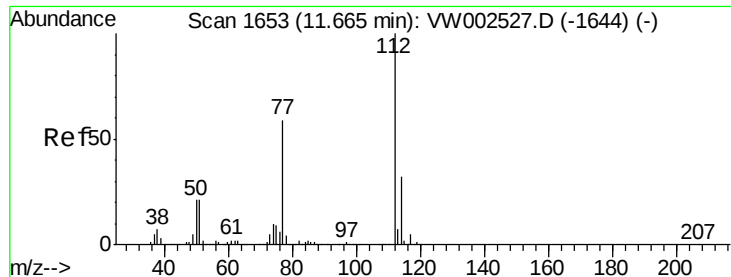
apatel
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#64
Tetrachloroethene
Concen: 48.52 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	109799		
166	124.0		104.2	156.2
129	92.8		77.0	115.4
131	87.9		73.1	109.7





#65

Chlorobenzene

Concen: 51.40 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 328683

Ion Ratio Lower Upper

112 100

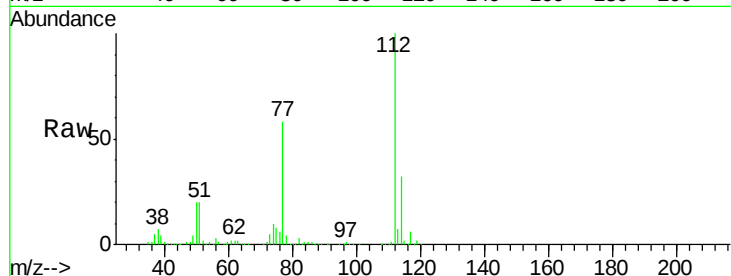
114 32.1 25.3 37.9

Manual Integrations

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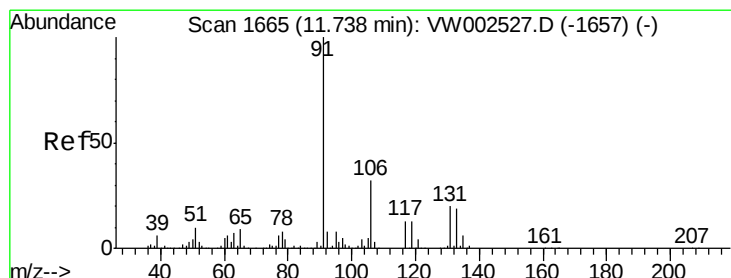
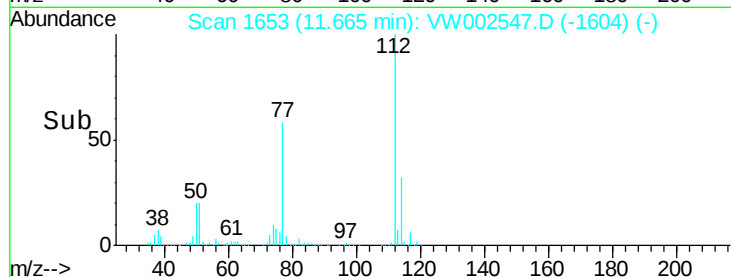
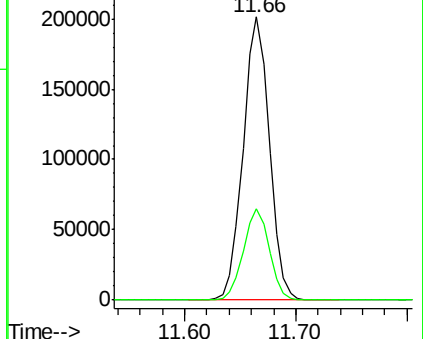
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.01 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

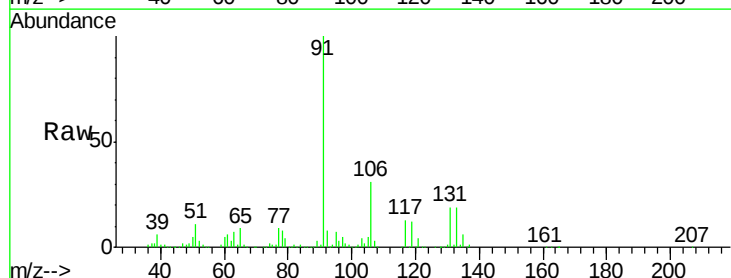
Tgt Ion:131 Resp: 116763

Ion Ratio Lower Upper

131 100

133 97.4 48.4 145.3

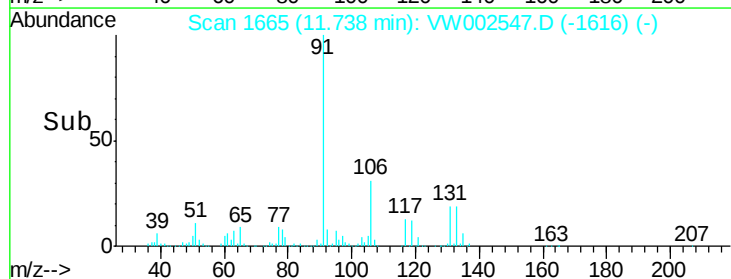
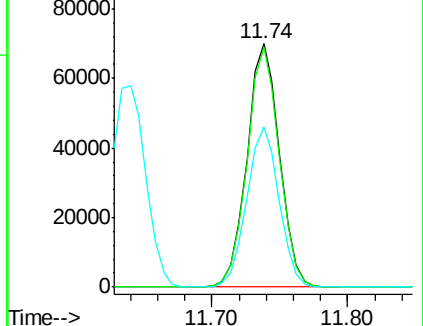
119 65.7 32.2 96.6

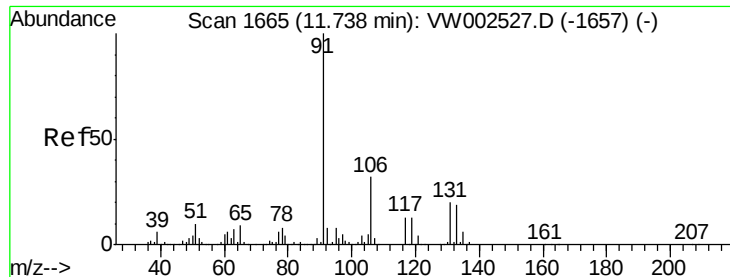


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.92 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 585946

Ion Ratio Lower Upper

91 100

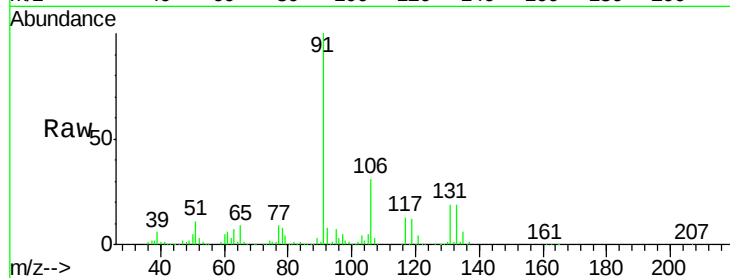
106 31.2 25.4 38.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

11.74

400000

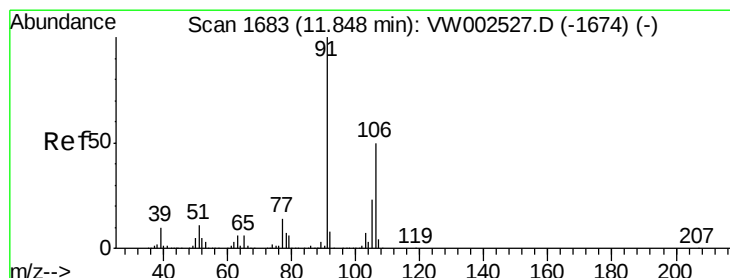
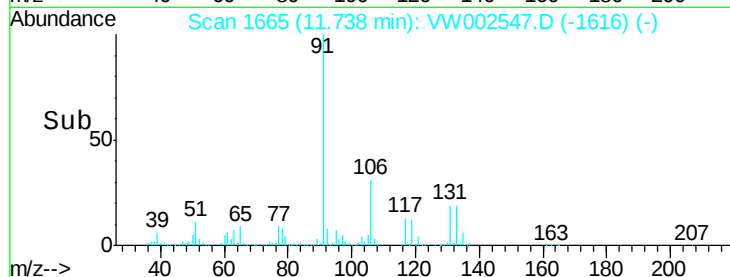
300000

200000

100000

0

Time--> 11.65 11.70 11.75 11.80



#68

m/p-Xylenes

Concen: 107.20 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW002547.D

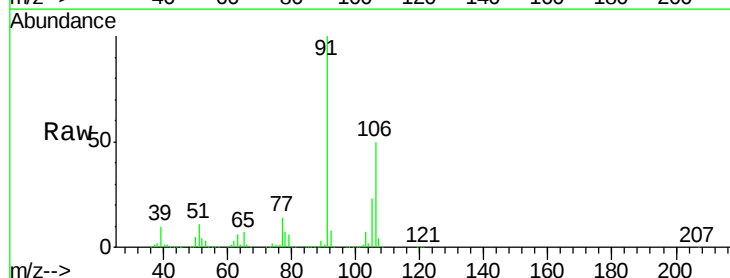
Acq: 15 May 2018 12:09

Tgt Ion:106 Resp: 452959

Ion Ratio Lower Upper

106 100

91 201.7 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

11.85

500000

400000

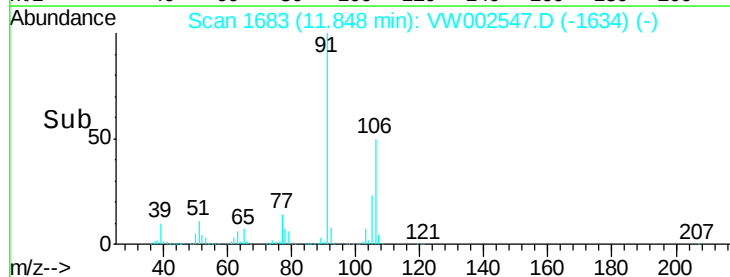
300000

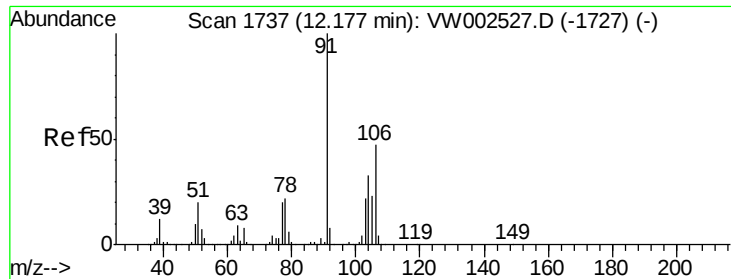
200000

100000

0

Time--> 11.80 11.90





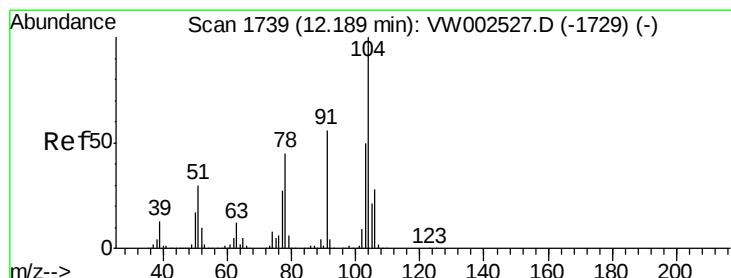
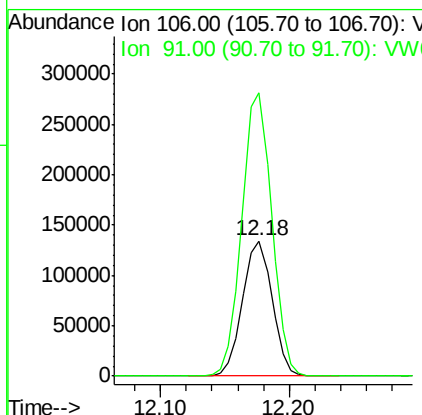
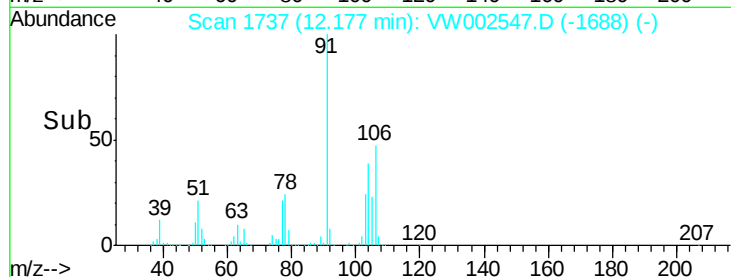
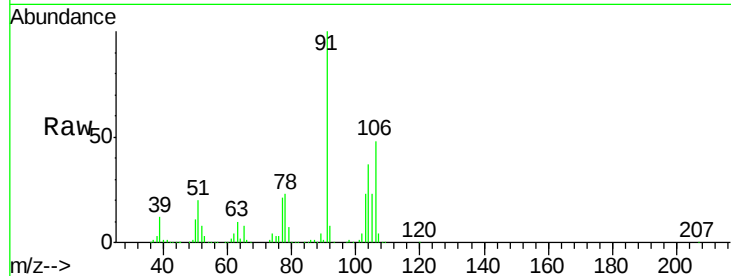
#69
o-Xylene
Concen: 53.25 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		213783		
91	210.9	106.7	320.2		

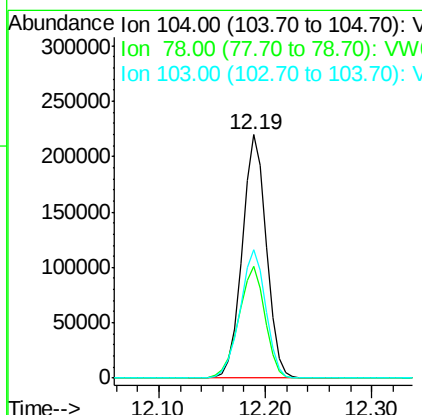
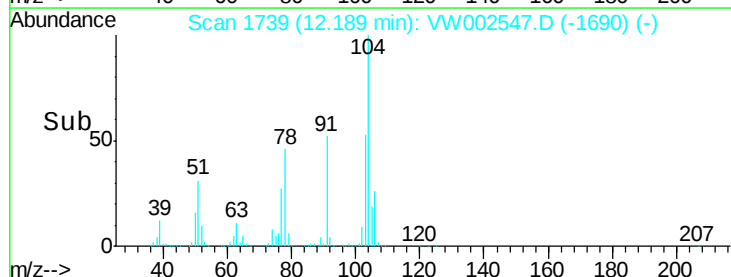
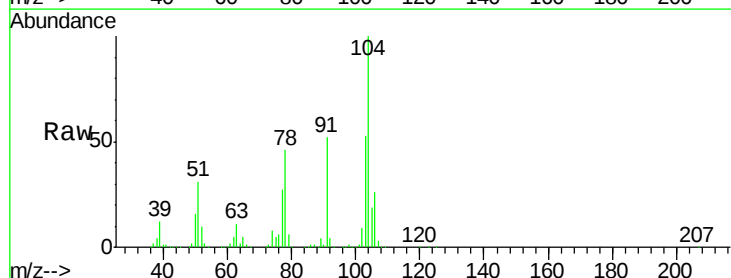
Manual Integrations
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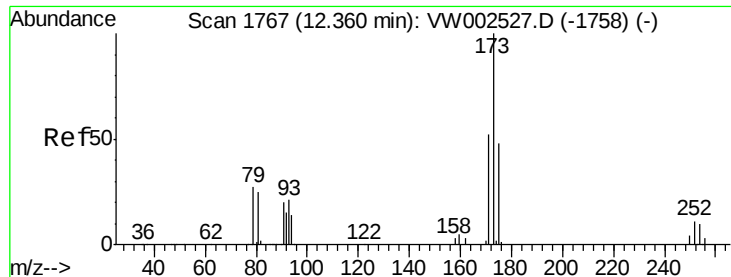
apatel
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#70
Styrene
Concen: 52.44 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		350350		
78	49.9	40.1	60.1		
103	56.1	44.6	66.8		





#71

Bromoform

Concen: 47.84 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

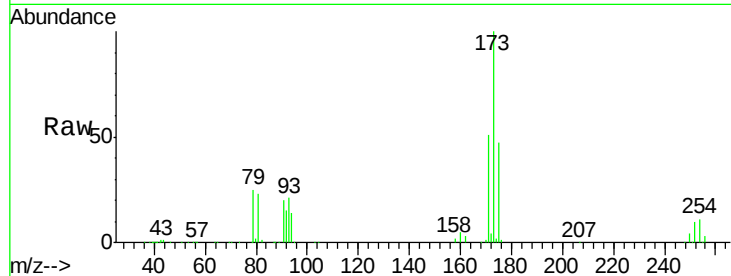
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.5	73.5
254	0.1	0.1	0.1

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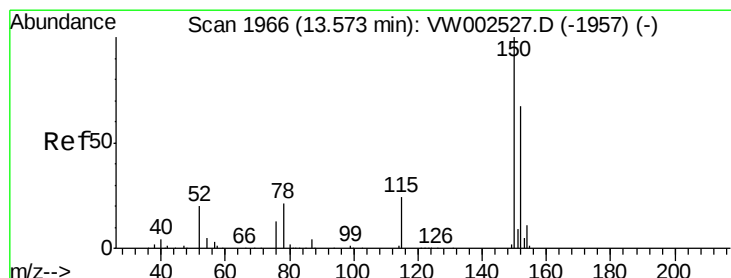
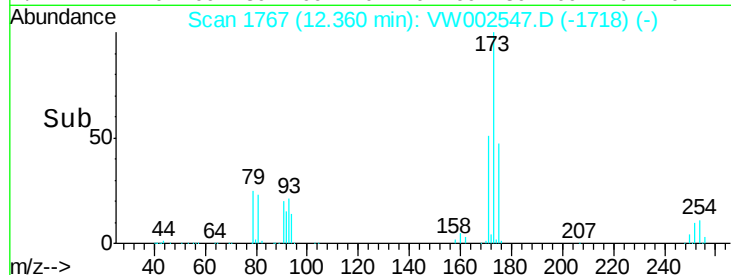
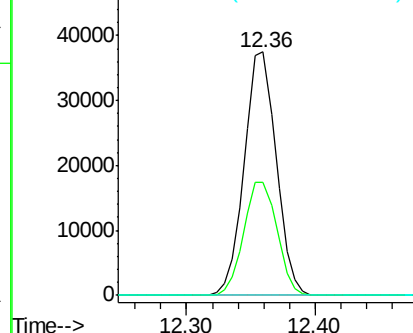


Abundance

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

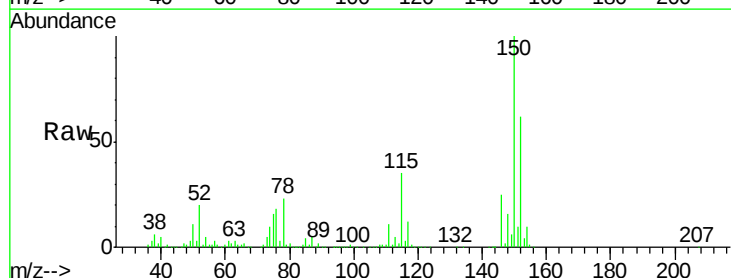
RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.0	84.0
150	173.8	0.0	345.4

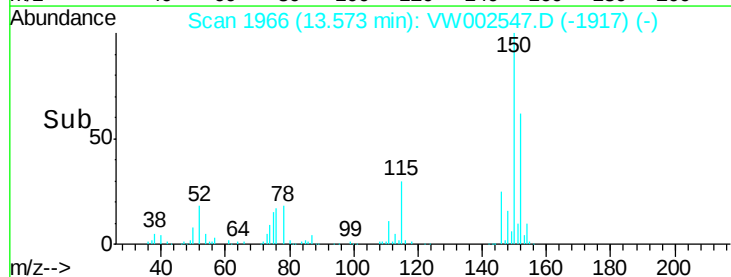
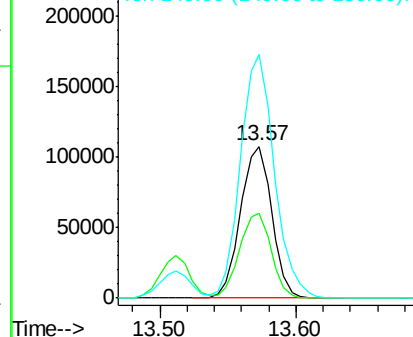


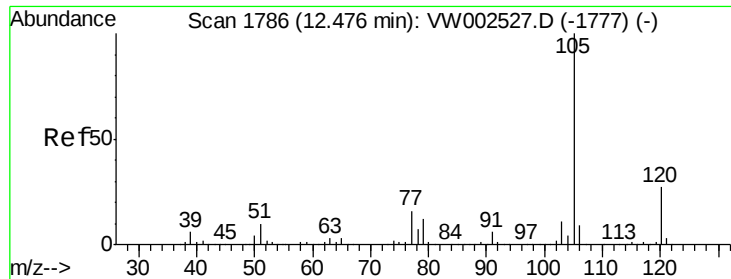
Abundance

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: 56.24 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 598180

Ion Ratio Lower Upper

105 100

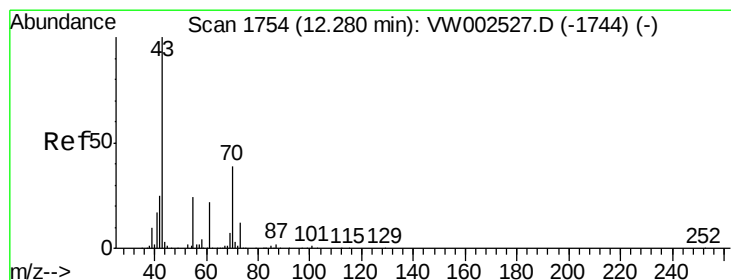
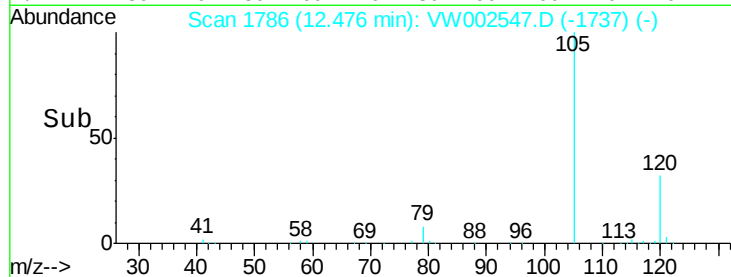
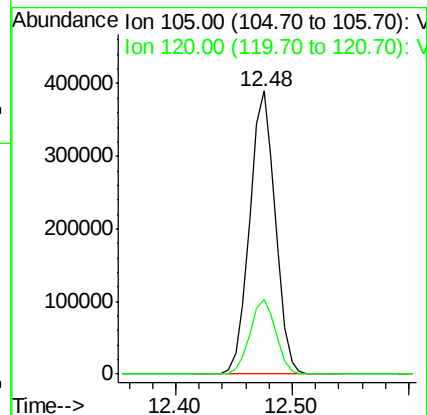
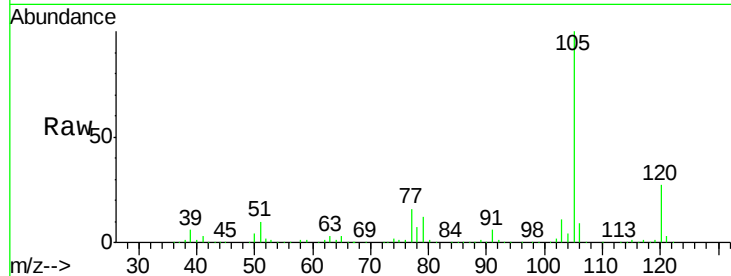
120 26.6 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 46.74 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Tgt Ion: 43 Resp: 126645

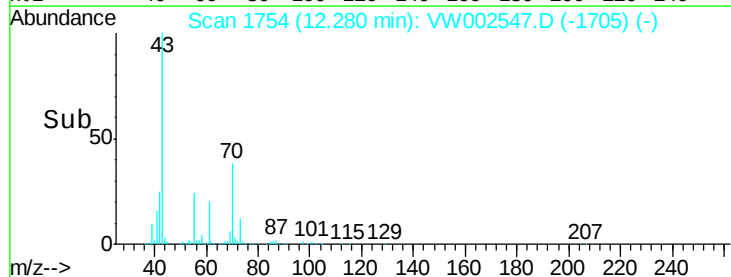
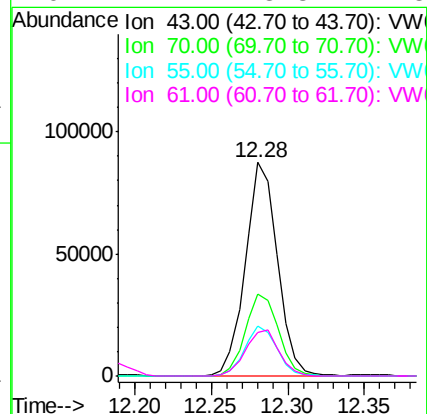
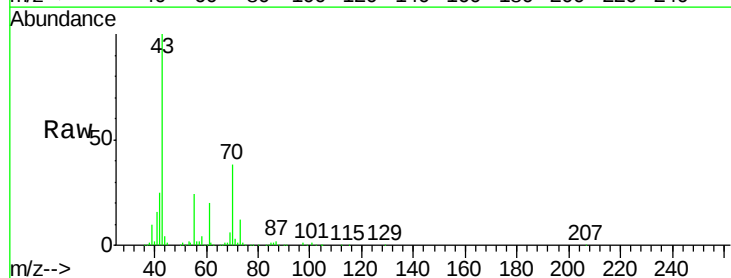
Ion Ratio Lower Upper

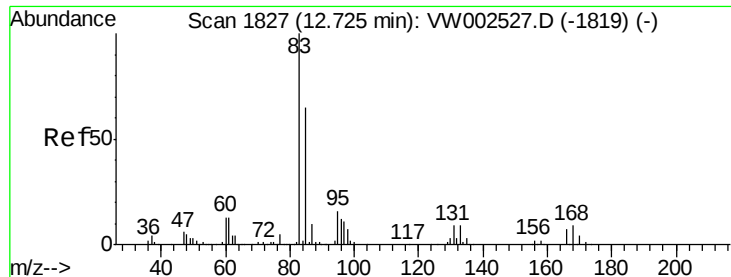
43 100

70 39.8 31.9 47.9

55 24.0 19.4 29.0

61 22.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.29 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

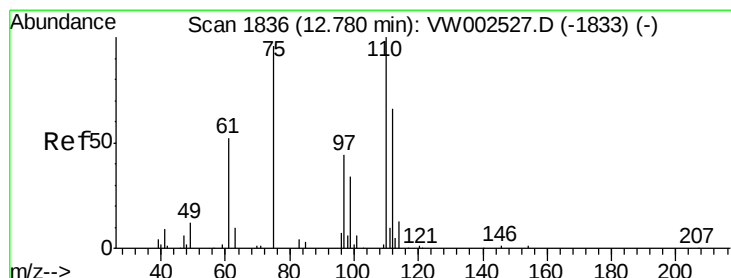
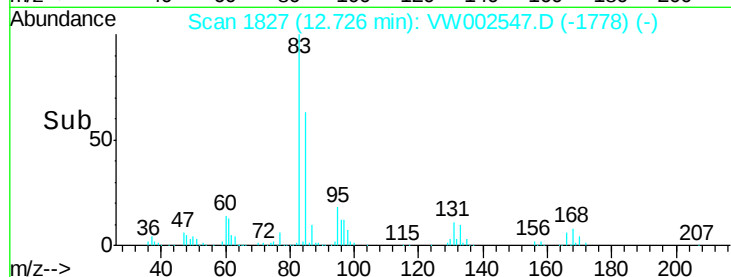
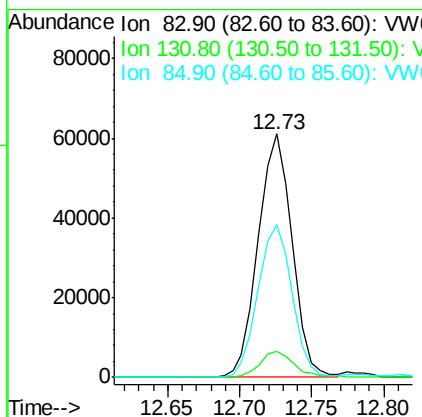
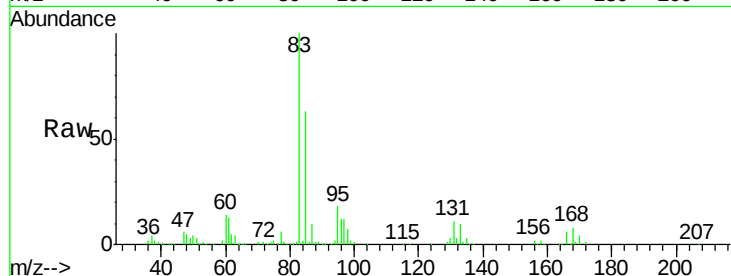
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	99760
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.4	16.2
85	63.0	31.6	94.8

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#76

1,2,3-Trichloropropane

Concen: 46.49 ug/l m

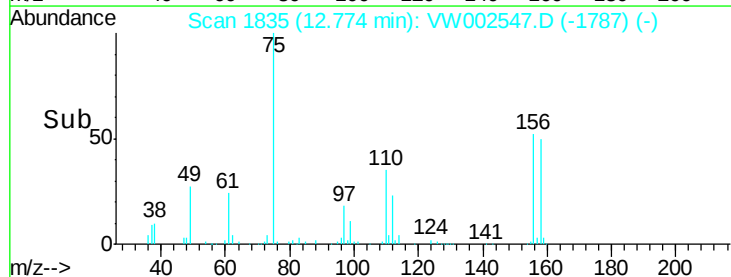
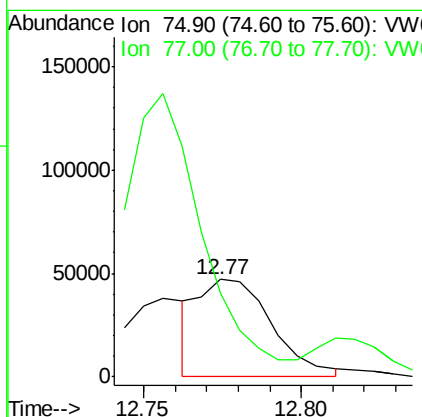
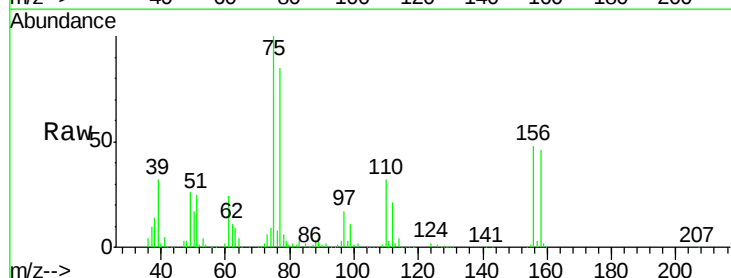
RT: 12.77 min Scan# 1835

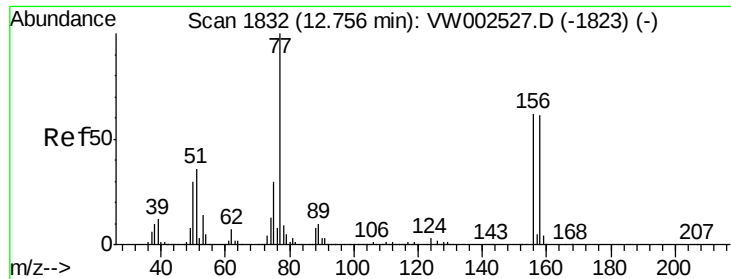
Delta R.T. -0.01 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Tgt Ion:	75	Resp:	75828
Ion Ratio	Lower	Upper	
75	100		
77	322.5	0.0	0.0#





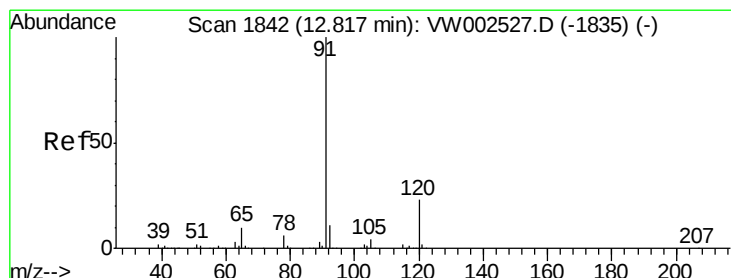
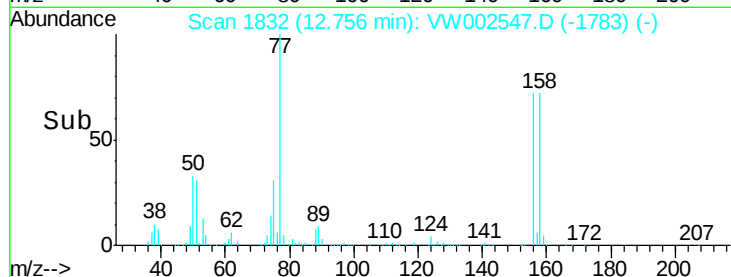
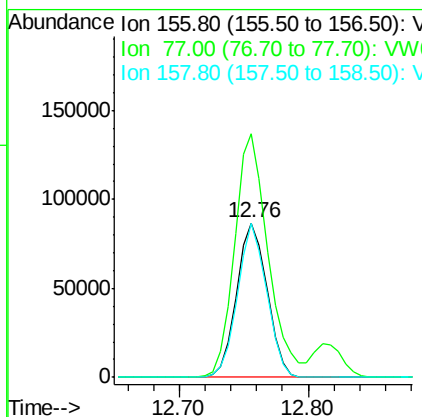
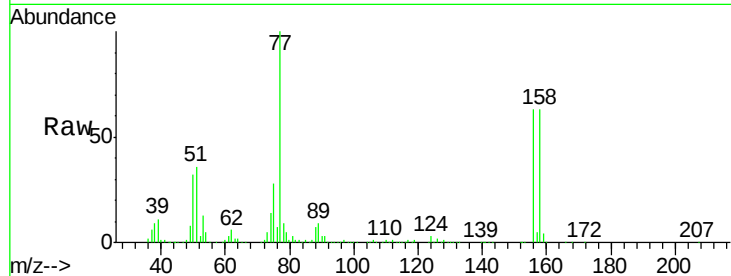
#77
Bromobenzene
Concen: 52.31 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	172.3	89.8	269.4
158	95.1	48.8	146.3

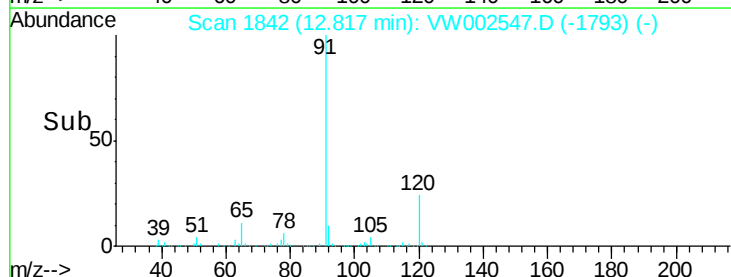
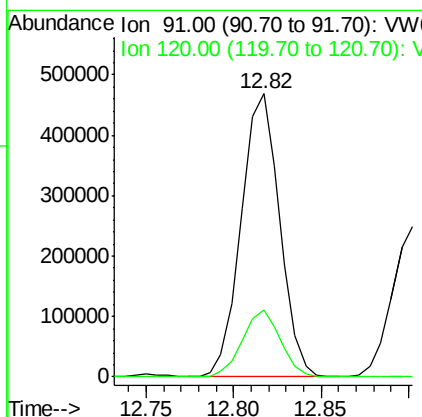
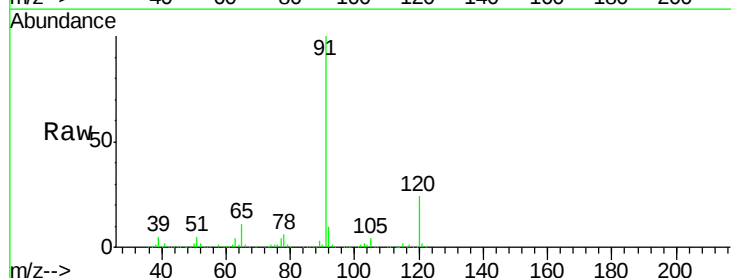
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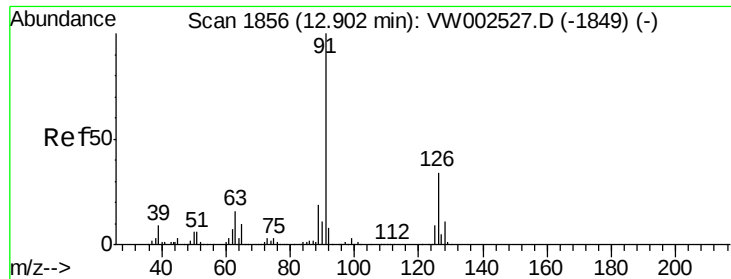
apatel
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#78
n-propylbenzene
Concen: 56.14 ug/l
RT: 12.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.7	35.1





#79

2-Chlorotoluene

Concen: 54.55 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 397883

Ion Ratio Lower Upper

91 100

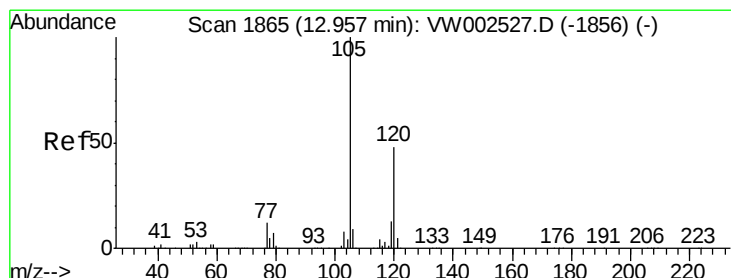
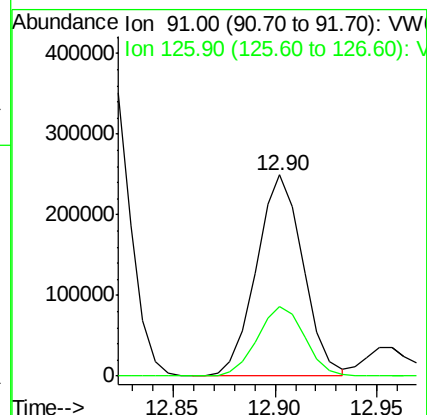
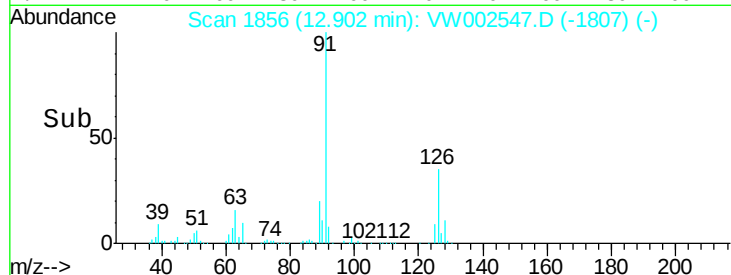
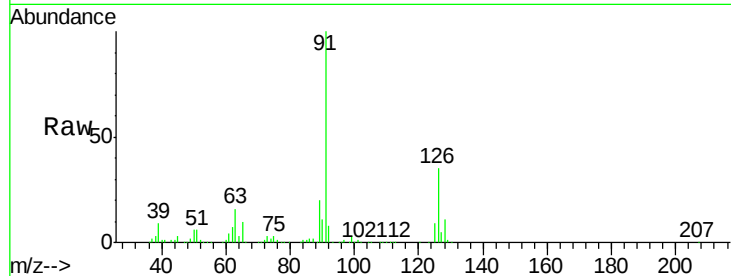
126 34.8 17.6 52.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 55.79 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VW002547.D

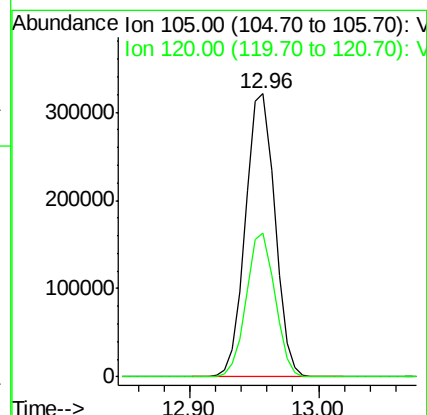
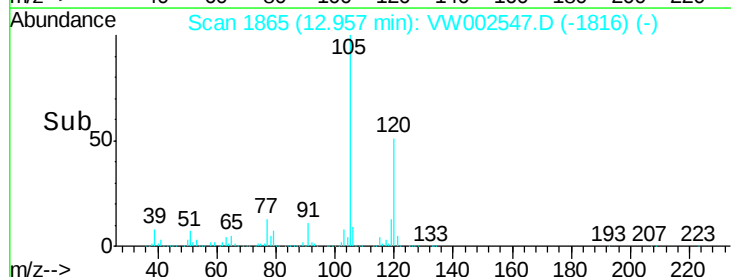
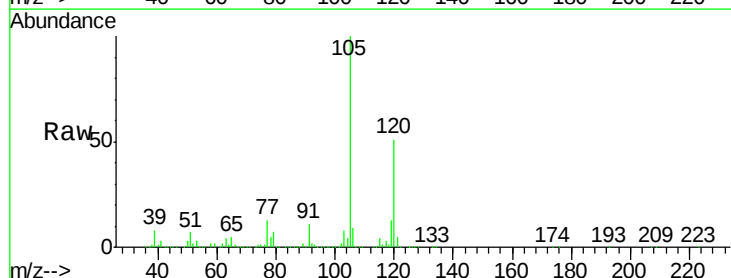
Acq: 15 May 2018 12:09

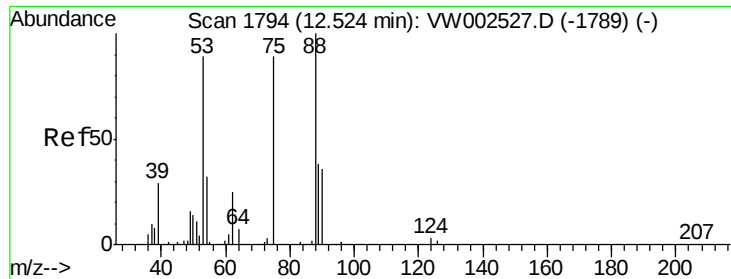
Tgt Ion:105 Resp: 506406

Ion Ratio Lower Upper

105 100

120 49.5 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.67 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

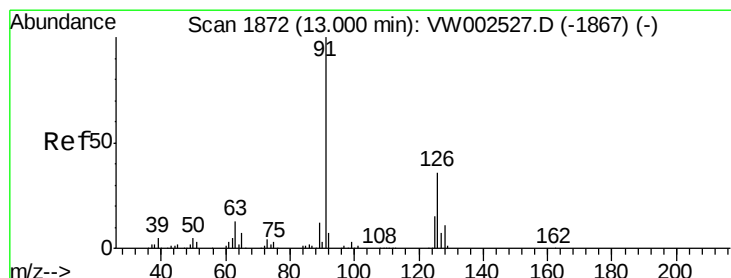
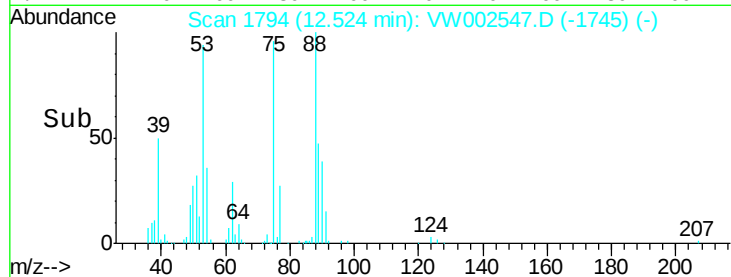
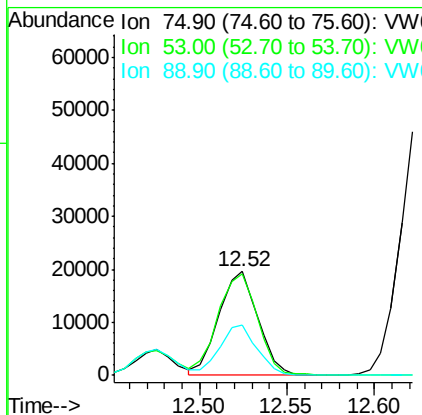
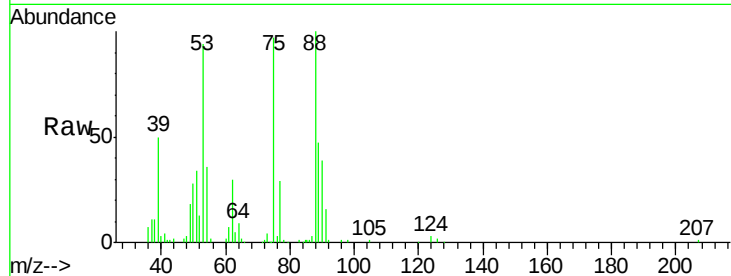
VSTDCCC050

Tot Ion:	75	Resp:	30311
Ion	Ratio	Lower	Upper
75	100		
53	99.5	82.6	124.0
89	46.1	39.2	58.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 54.05 ug/l

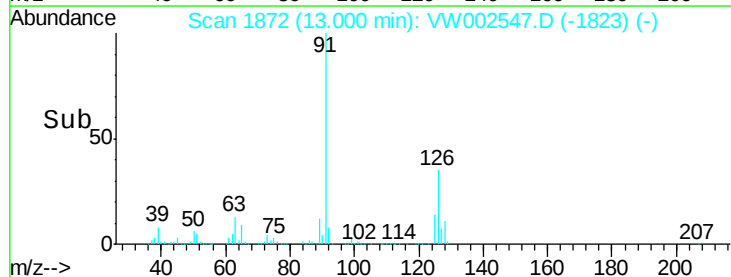
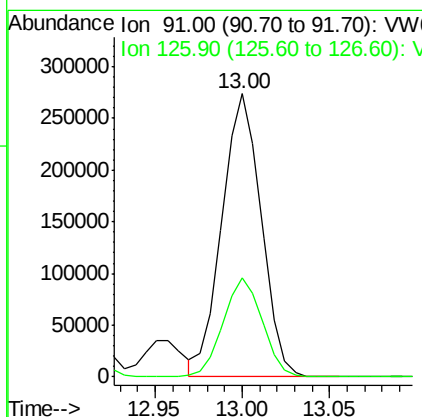
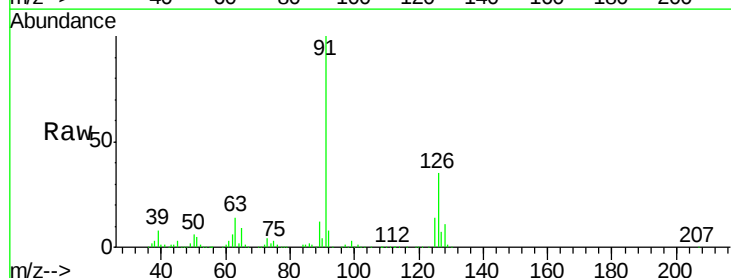
RT: 13.00 min Scan# 1872

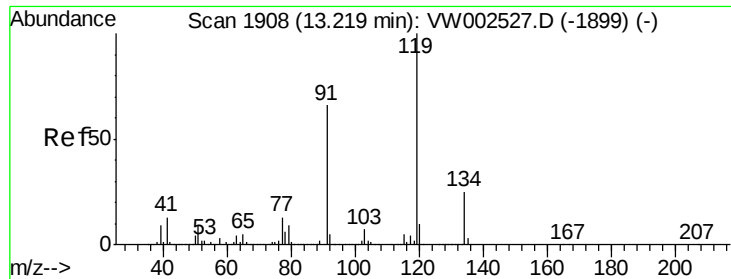
Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Tgt Ion:	91	Resp:	426298
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.5	52.5





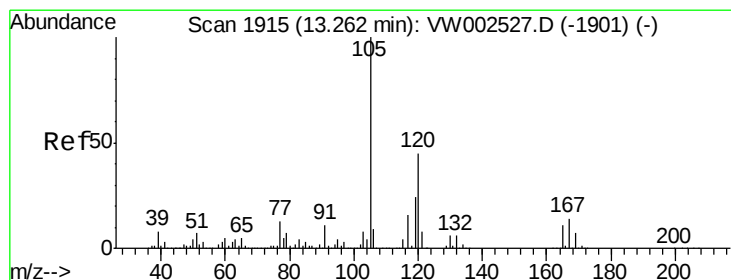
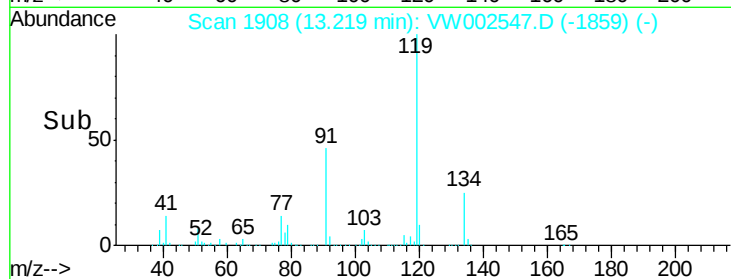
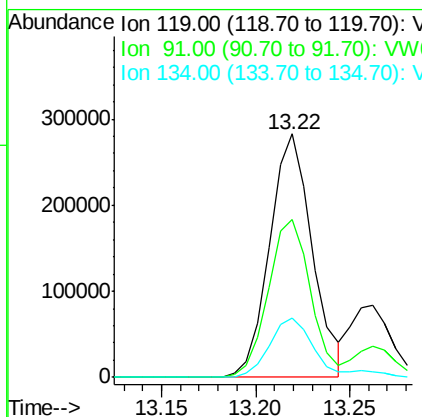
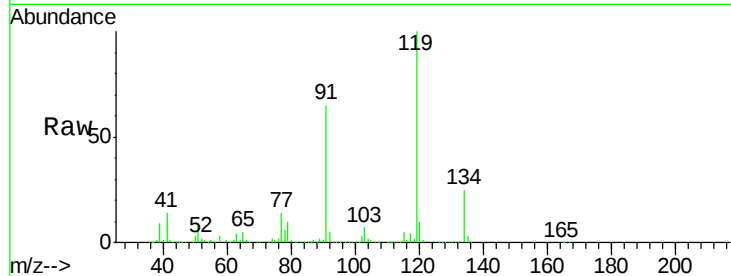
#83
tert-Butylbenzene
Concen: 56.59 ug/l
RT: 13.22 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	443581		
91	64.5		32.5	97.5
134	24.7		13.2	39.6

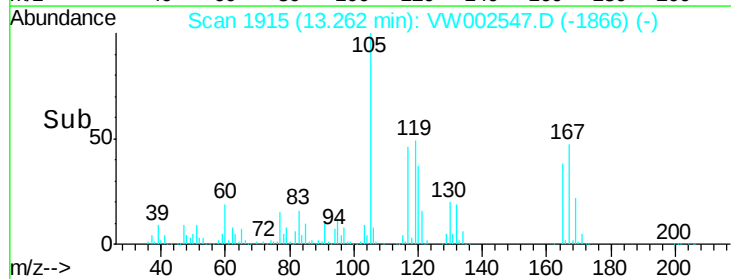
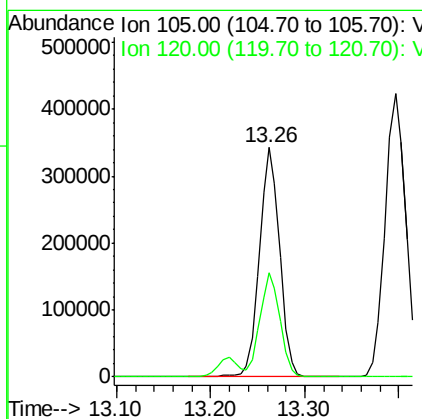
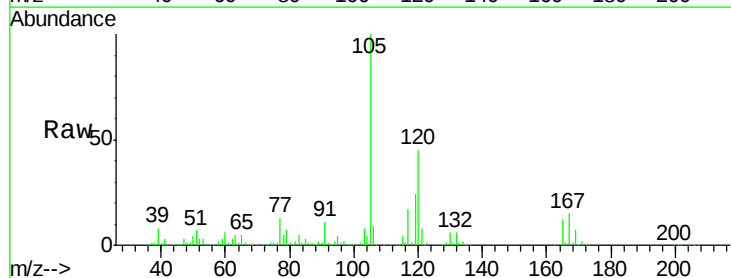
Manual Integrations
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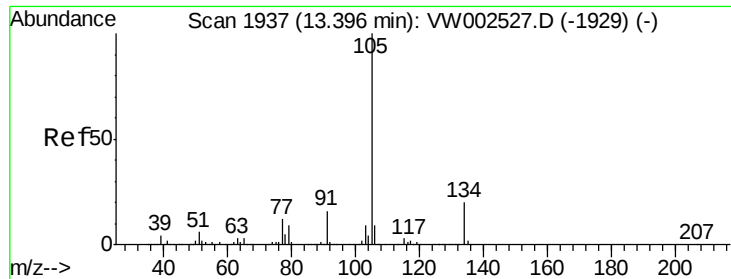
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#84
1,2,4-Trimethylbenzene
Concen: 55.34 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	521400		
120	44.8		22.3	66.9





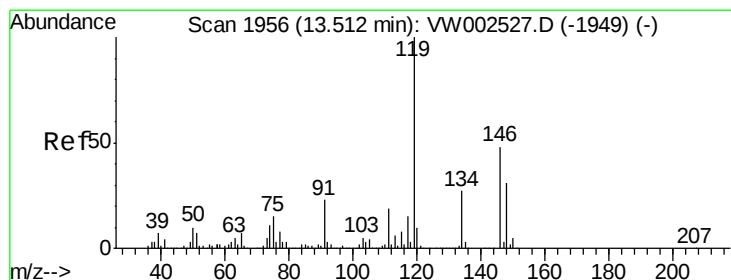
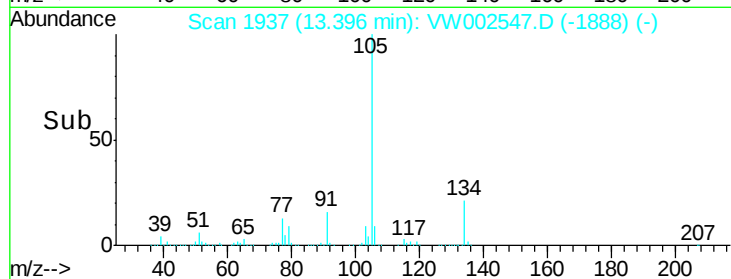
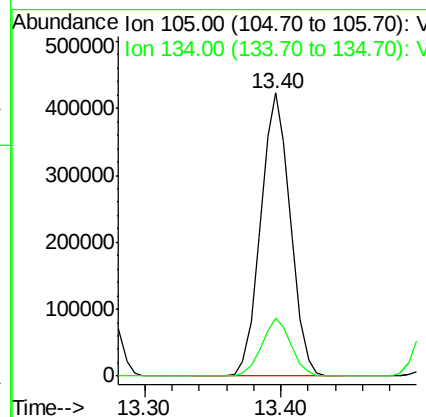
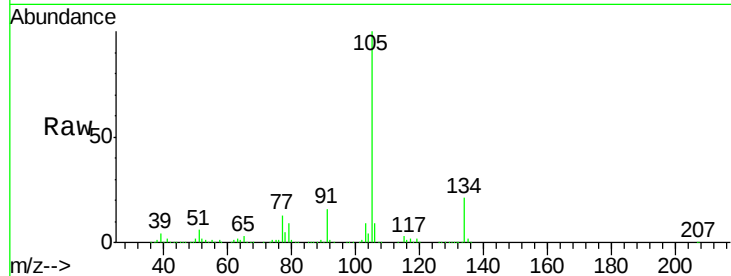
#85
 sec-Butylbenzene
 Concen: 57.32 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.3

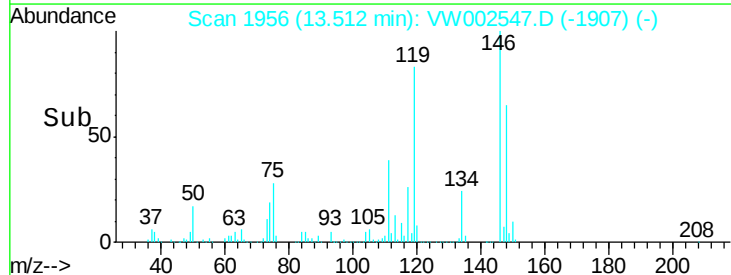
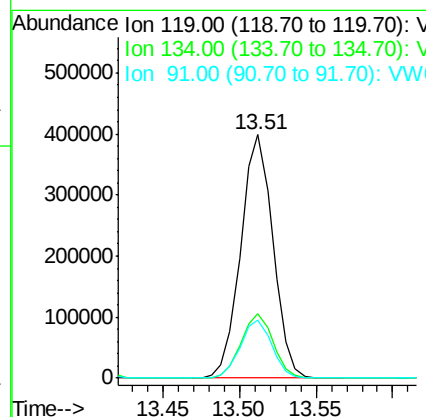
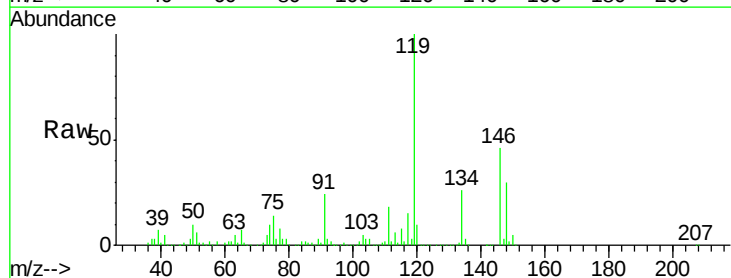
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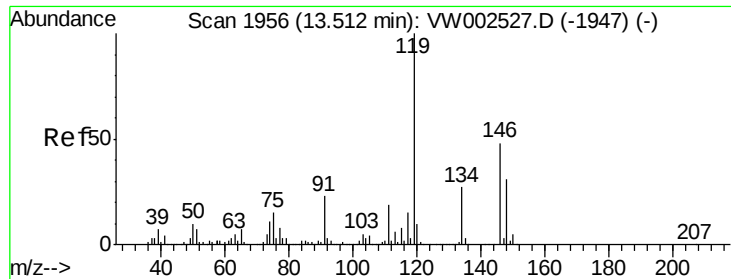
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#86
 p-Isopropyltoluene
 Concen: 57.44 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.4	40.1
91	23.6	11.6	34.8





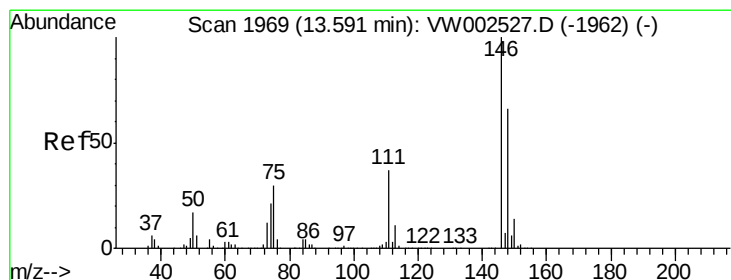
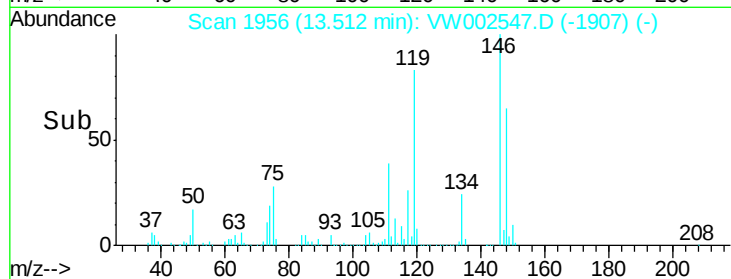
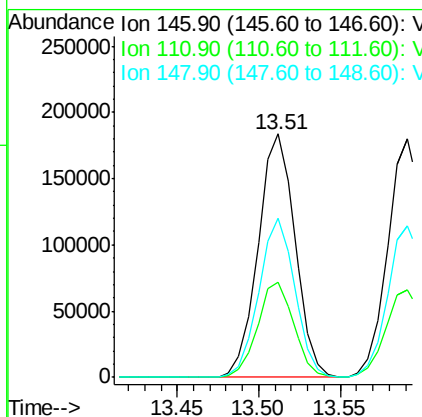
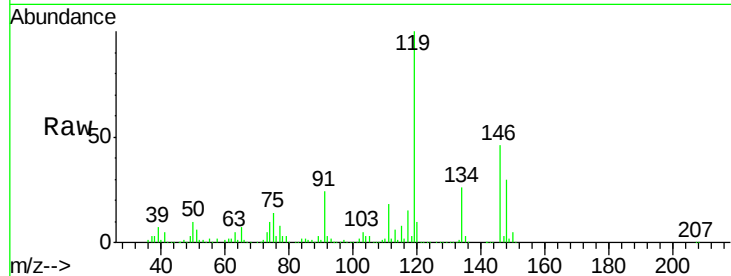
#87
 1,3-Dichlorobenzene
 Concen: 52.71 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	289316		
111	38.8	19.6	58.7	
148	63.8	32.3	96.8	

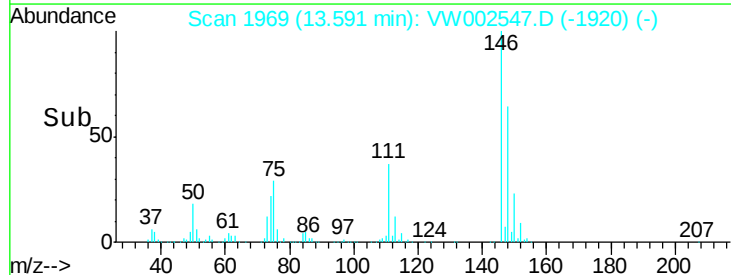
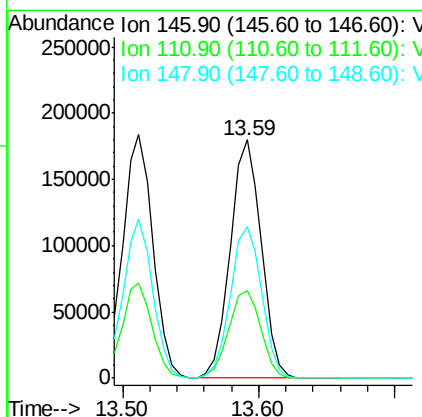
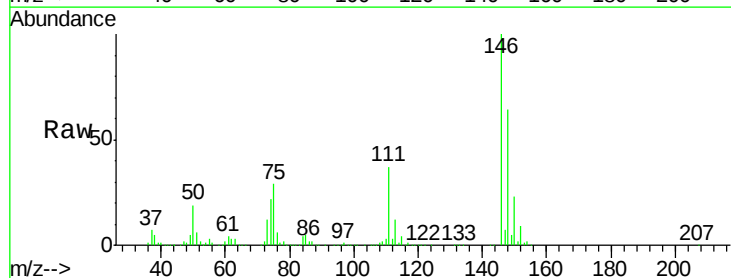
Manual Integrations
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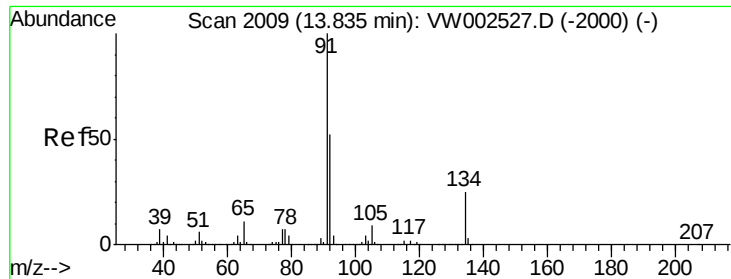
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 52.01 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	284004		
111	38.2	18.9	56.5	
148	64.5	32.4	97.0	





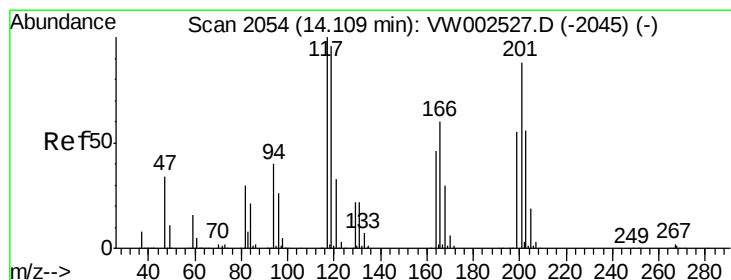
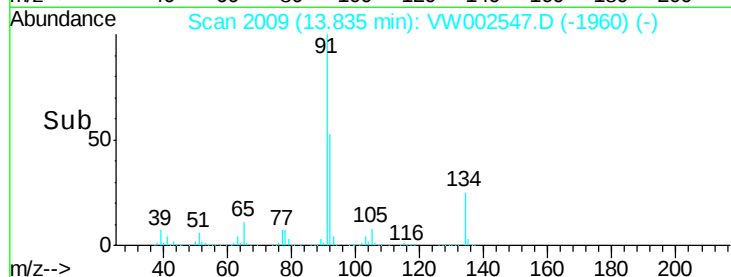
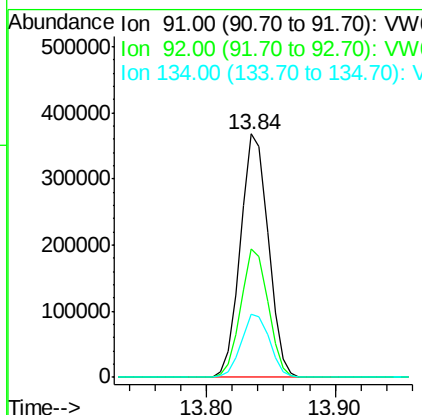
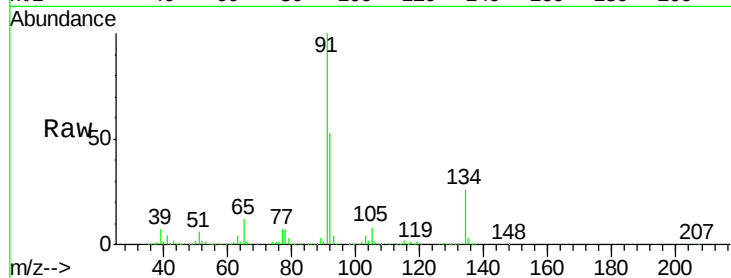
#89
n-Butylbenzene
Concen: 57.37 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.1	78.2
134	26.5	13.1	39.1

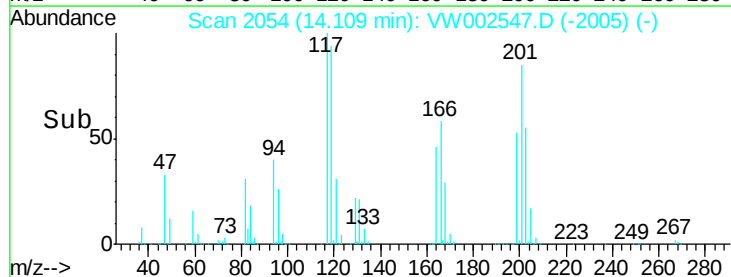
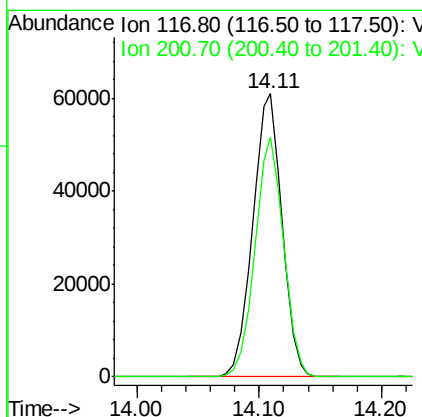
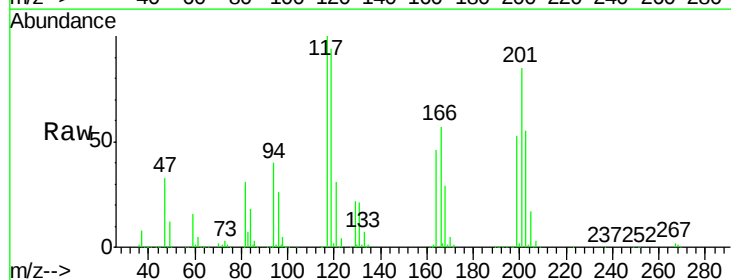
Manual Integrations
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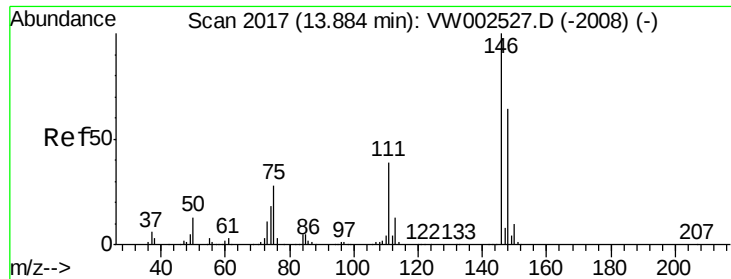
apatel
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#90
Hexachloroethane
Concen: 55.89 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.7	42.0	126.0





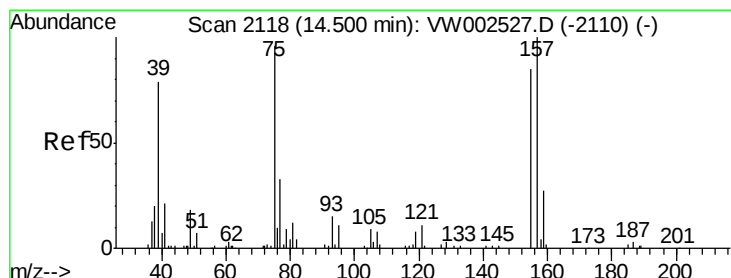
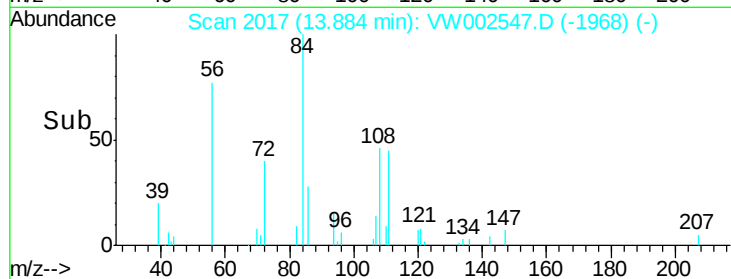
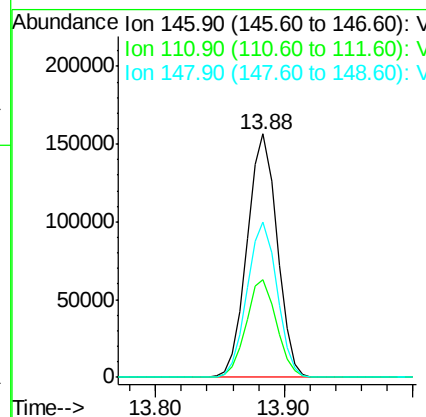
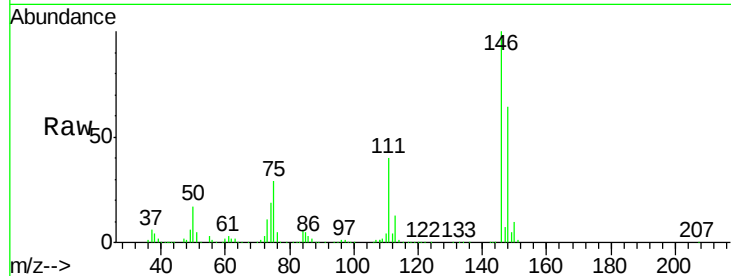
#91
 1,2-Dichlorobenzene
 Concen: 50.39 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.9	59.6
148	63.8	32.1	96.3

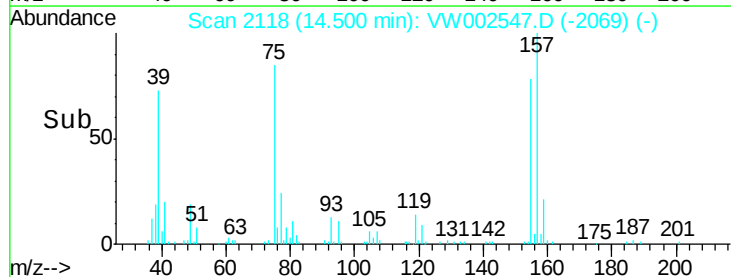
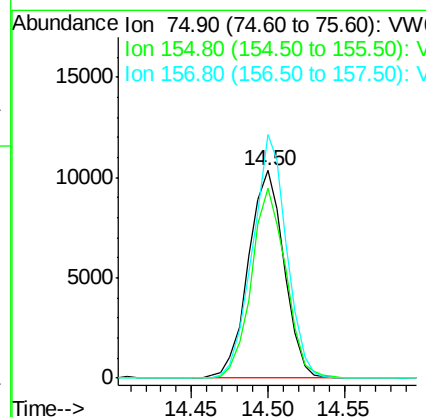
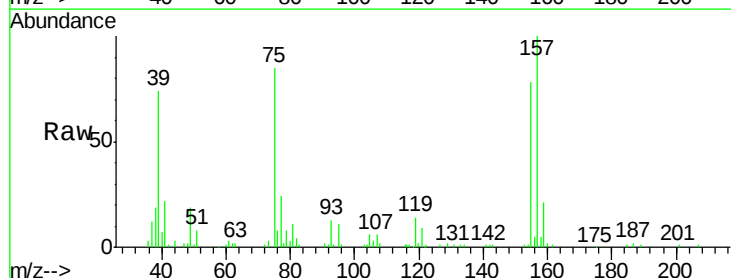
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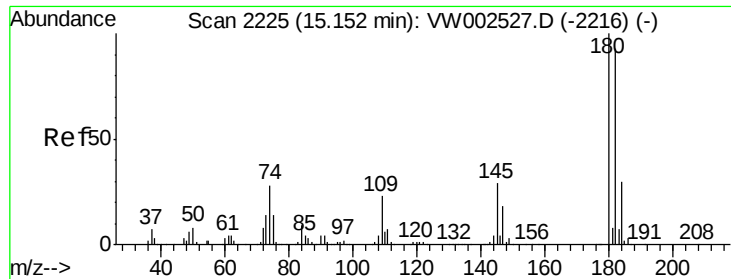
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.10 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VW002547.D
 Acq: 15 May 2018 12:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	42.8	128.4
157	111.7	57.4	172.0





#93

1,2,4-Trichlorobenzene

Concen: 50.58 ug/l

RT: 15.15 min Scan# 2225

Delta R.T. 0.00 min

Lab File: VW002547.D

Acq: 15 May 2018 12:09

Instrument :

MSVOA_W

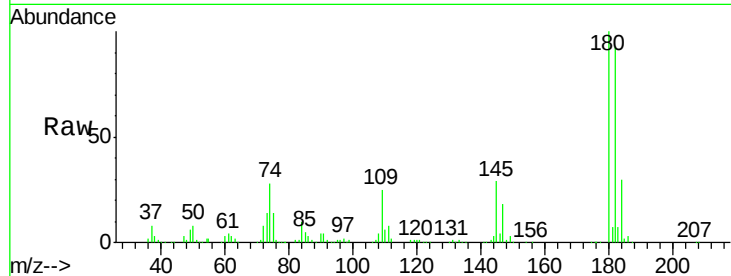
ClientSampleId :

VSTDCCC050

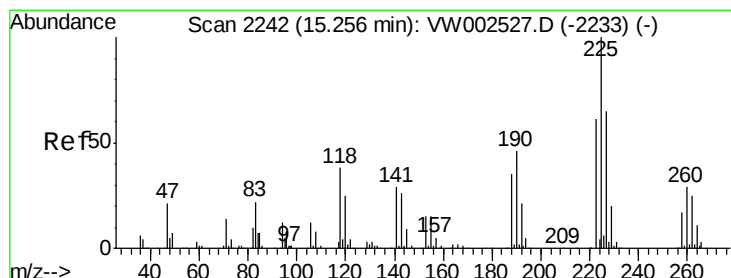
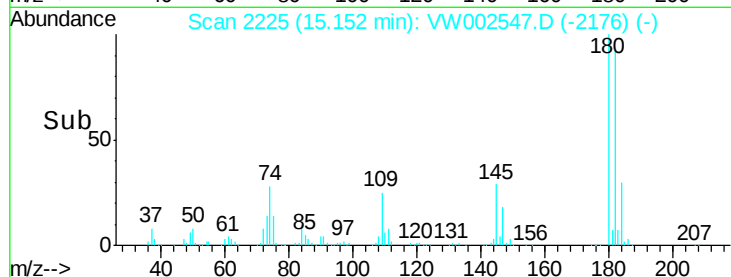
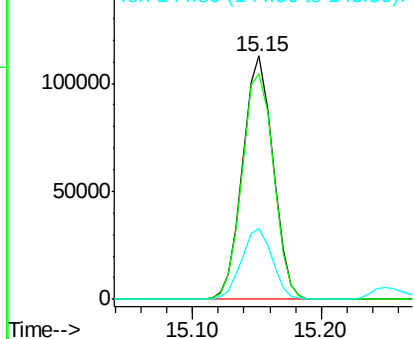
Tot Ion:	180	Resp:	183388
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.2	141.6
145	29.3	14.9	44.9

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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 55.22 ug/l

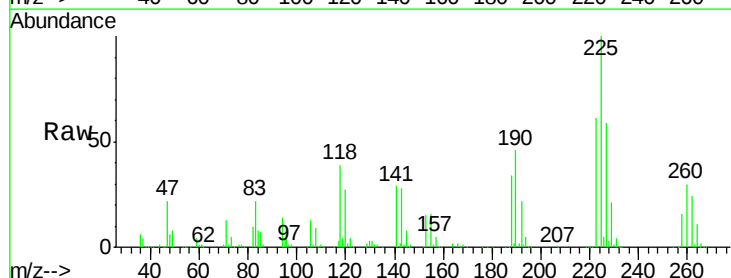
RT: 15.26 min Scan# 2242

Delta R.T. 0.00 min

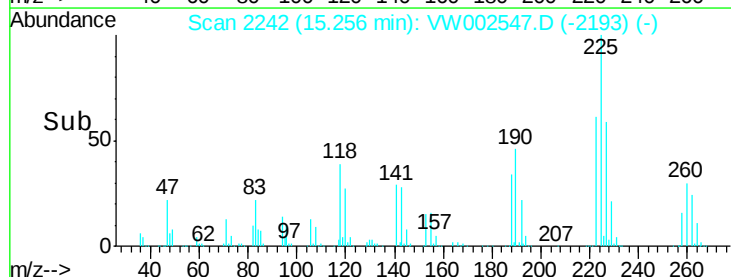
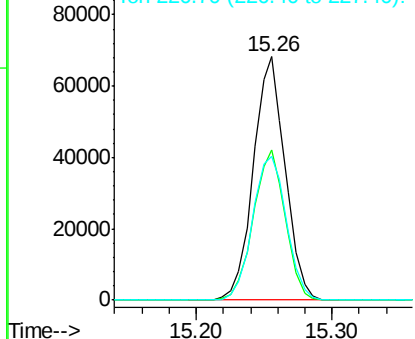
Lab File: VW002547.D

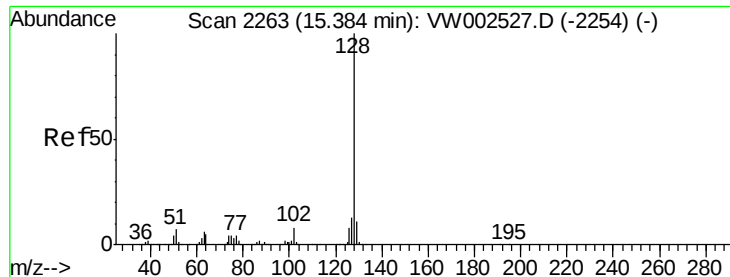
Acq: 15 May 2018 12:09

Tgt Ion:	225	Resp:	111412
Ion Ratio	Lower	Upper	
225	100		
223	61.8	31.3	93.9
227	63.2	31.9	95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





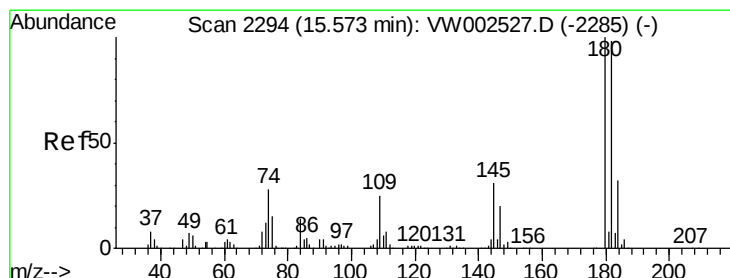
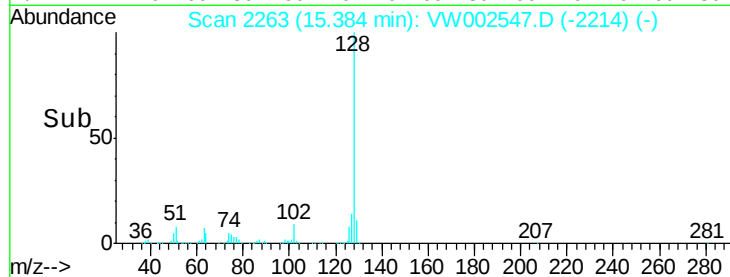
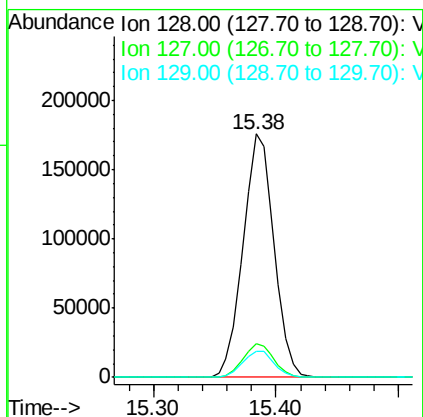
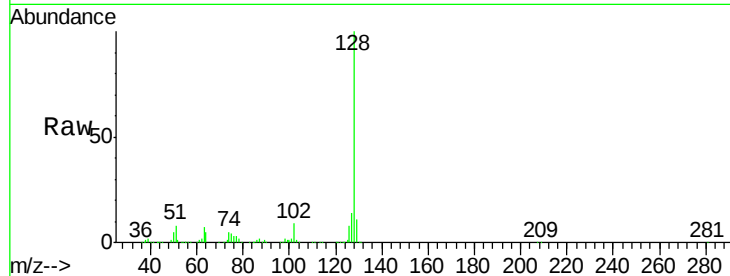
#95
Naphthalene
Concen: 46.78 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	308377
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	15.8
129	11.0	8.9	13.3

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#96
1,2,3-Trichlorobenzene
Concen: 49.26 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW002547.D
Acq: 15 May 2018 12:09

Tgt Ion:	180	Resp:	159790
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.3	141.8
145	30.8	15.5	46.5

