

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005292.D
 Acq On : 11 Sep 2018 23:07
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 9/12/2018 2:19:49 PM

Quant Time: Sep 12 01:45:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	523156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	768264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	756518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	404866	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	219084	56.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.30%	
35) Dibromofluoromethane	7.89	113	216607	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
50) Toluene-d8	10.33	98	1091057	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.63	95	402115	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	199033	44.10	ug/l	99
3) Chloromethane	2.21	50	312221	51.75	ug/l	98
4) Vinyl Chloride	2.35	62	290026	52.36	ug/l	99
5) Bromomethane	2.75	94	197554	59.36	ug/l	98
6) Chloroethane	2.91	64	163525	53.60	ug/l	98
7) Trichlorofluoromethane	3.26	101	301337	48.09	ug/l	97
8) Diethyl Ether	3.69	74	121073	54.22	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	211699	47.30	ug/l	98
10) Methyl Iodide	4.27	142	232299	42.31	ug/l	99
11) Tert butyl alcohol	5.17	59	96803	302.51	ug/l	99
12) 1,1-Dichloroethene	4.04	96	199779	48.48	ug/l	98
13) Acrolein	3.90	56	82070	265.51	ug/l	100
14) Allyl chloride	4.67	41	331017	52.28	ug/l	99
15) Acrylonitrile	5.37	53	302476	300.24	ug/l	100
16) Acetone	4.12	43	212029	292.75	ug/l	98
17) Carbon Disulfide	4.38	76	770553	53.27	ug/l	99
18) Methyl Acetate	4.68	43	134175	62.06	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	558071	56.86	ug/l	99
20) Methylene Chloride	4.92	84	293630	54.87	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	238003	49.46	ug/l	97
22) Diisopropyl ether	6.32	45	746606	58.57	ug/l	98
23) Vinyl Acetate	6.26	43	2037020	286.73	ug/l	100
24) 1,1-Dichloroethane	6.23	63	415958	53.01	ug/l	98
25) 2-Butanone	7.18	43	341987	299.35	ug/l	95
26) 2,2-Dichloropropane	7.17	77	310410	45.62	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	267687	51.98	ug/l	99
28) Bromochloromethane	7.52	49	164685	56.89	ug/l #	93
29) Tetrahydrofuran	7.54	42	232408	301.87	ug/l	98
30) Chloroform	7.68	83	409333	51.98	ug/l	100
31) Cyclohexane	7.96	56	420076	50.31	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	356355	50.09	ug/l	99
36) 1,1-Dichloropropene	8.09	75	356622	50.67	ug/l	99
37) Ethyl Acetate	7.26	43	152066	56.80	ug/l	99
38) Carbon Tetrachloride	8.07	117	313528	47.55	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	456184	48.81	ug/l	99
40) Benzene	8.33	78	1108578	53.46	ug/l	100
41) Methacrylonitrile	7.49	41	85967	62.59	ug/l	98
42) 1,2-Dichloroethane	8.40	62	255848	51.57	ug/l	100
43) Isopropyl Acetate	8.43	43	296575	59.65	ug/l	99
44) Trichloroethene	9.10	130	285328	50.16	ug/l	99
45) 1,2-Dichloropropane	9.37	63	271620	54.50	ug/l	100
46) Dibromomethane	9.46	93	125955	51.63	ug/l	98
47) Bromodichloromethane	9.65	83	305507	51.19	ug/l	96
48) Methyl methacrylate	9.44	41	150921	58.46	ug/l	93
49) 1,4-Dioxane	9.45	88	57618	1264.92	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	844455	301.83	ug/l	99
52) Toluene	10.40	92	770163	51.10	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	336702	52.20	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	396106	51.28	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	202112	51.96	ug/l	99
56) Ethyl methacrylate	10.65	69	286636	58.12	ug/l	100
57) 1,3-Dichloropropane	10.94	76	346911	53.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	643500	300.21	ug/l	99
59) 2-Hexanone	10.98	43	598694	296.83	ug/l	100
60) Dibromochloromethane	11.13	129	227273	52.65	ug/l	100
61) 1,2-Dibromoethane	11.24	107	190469	53.39	ug/l	99
64) Tetrachloroethene	10.87	164	299144	53.30	ug/l	98
65) Chlorobenzene	11.66	112	855258	51.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	248820	50.28	ug/l	99
67) Ethyl Benzene	11.74	91	1490846	51.66	ug/l	99
68) m/p-Xylenes	11.85	106	1189195	102.25	ug/l	99
69) o-Xylene	12.17	106	558635	51.63	ug/l	99
70) Styrene	12.19	104	937786	53.11	ug/l	99
71) Bromoform	12.35	173	142285	53.03	ug/l	100
73) Isopropylbenzene	12.47	105	1486803	51.98	ug/l	100
74) N-amyl acetate	12.28	43	331619	60.93	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	245701	57.15	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	167916m	53.92	ug/l	
77) Bromobenzene	12.76	156	356215	52.86	ug/l	97
78) n-propylbenzene	12.81	91	1794613	52.24	ug/l	99
79) 2-Chlorotoluene	12.90	91	1034242	52.50	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1278723	52.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	71119	53.56	ug/l	96
82) 4-Chlorotoluene	12.99	91	1082551	52.28	ug/l	99
83) tert-Butylbenzene	13.21	119	1087105	51.03	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1309379	53.49	ug/l	98
85) sec-Butylbenzene	13.39	105	1581469	51.65	ug/l	99
86) p-Isopropyltoluene	13.51	119	1398719	51.61	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	728092	51.45	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	711832	51.22	ug/l	100
89) n-Butylbenzene	13.83	91	1297015	50.91	ug/l	98
90) Hexachloroethane	14.10	117	220595	50.80	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	653775	52.56	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	41076	57.46	ug/l	97

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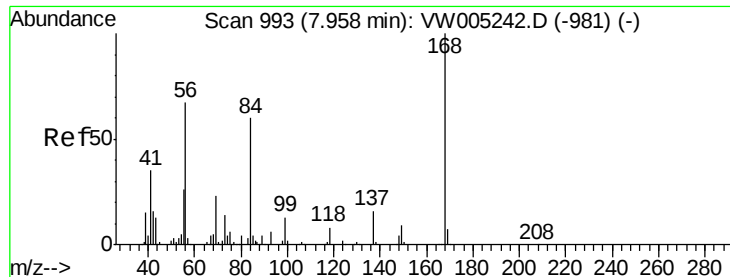
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	447675	50.88	ug/l	99
94) Hexachlorobutadiene	15.25	225	268641	47.68	ug/l	99
95) Naphthalene	15.38	128	809970	56.78	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	392988	51.91	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 523156

Ion Ratio Lower Upper

168 100

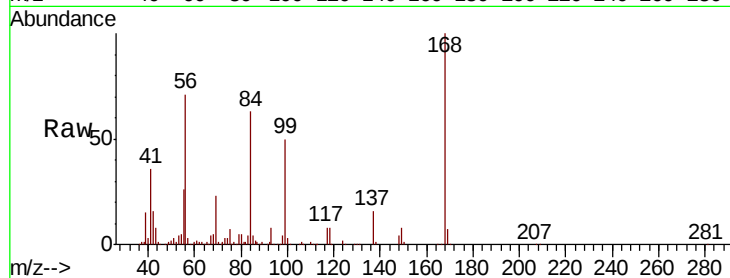
99 49.8 39.1 58.7

Manual Integrations

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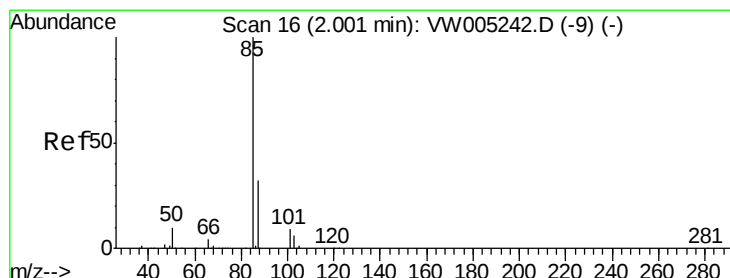
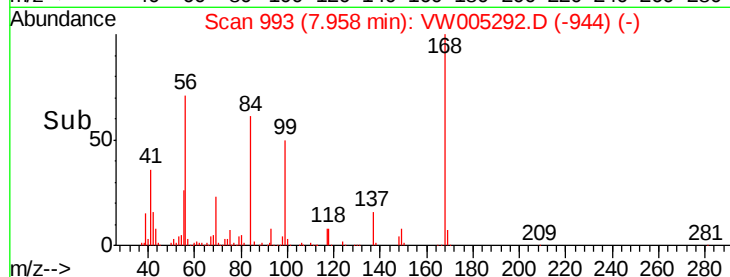
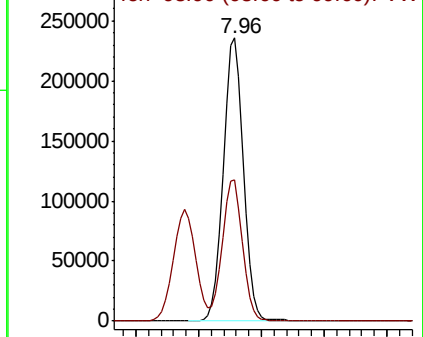
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 44.10 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005292.D

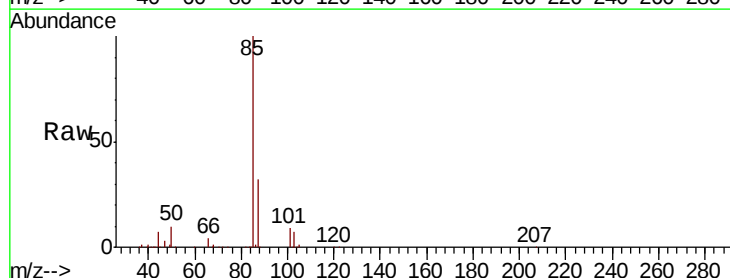
Acq: 11 Sep 2018 23:07

Tgt Ion: 85 Resp: 199033

Ion Ratio Lower Upper

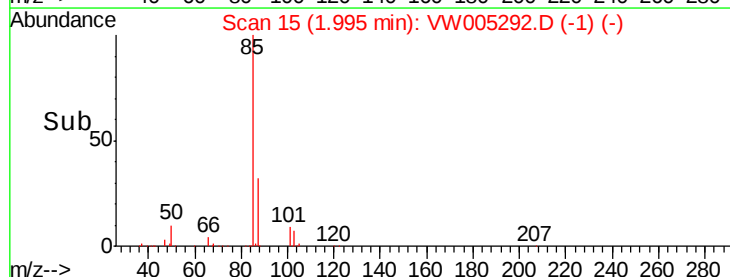
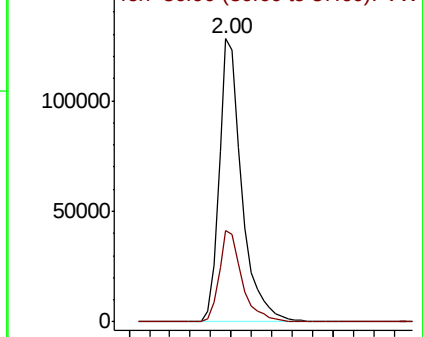
85 100

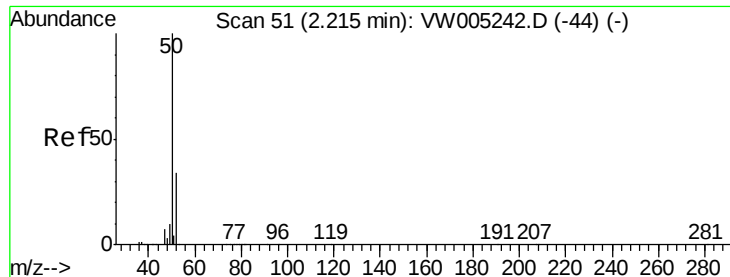
87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 51.75 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 312221

Ion Ratio Lower Upper

50 100

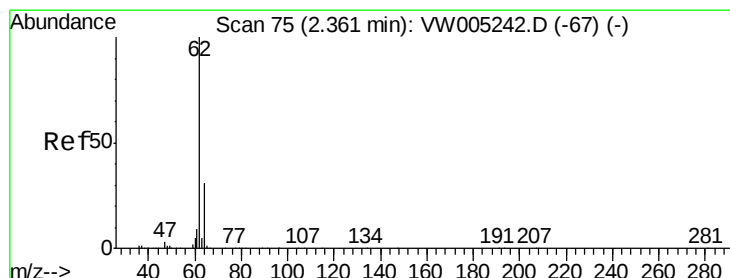
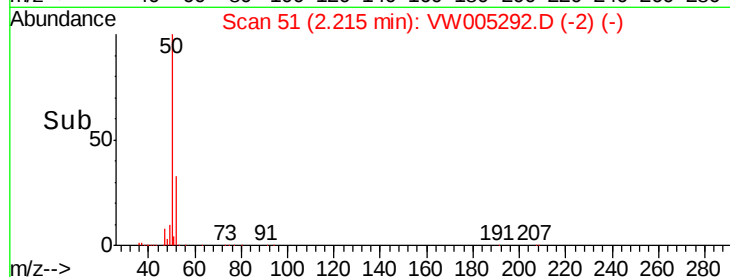
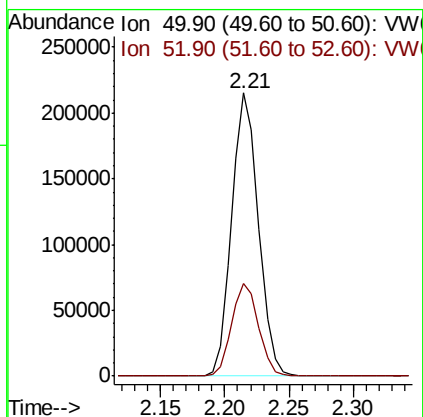
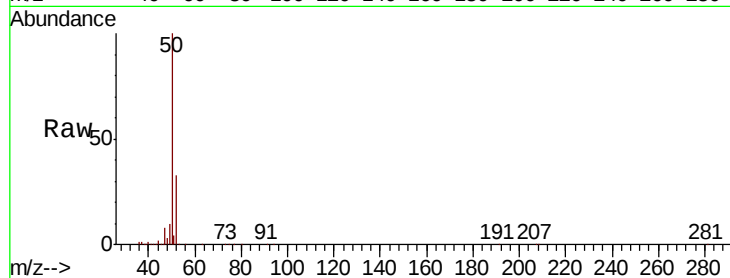
52 32.8 27.0 40.4

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#4

Vinyl Chloride

Concen: 52.36 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005292.D

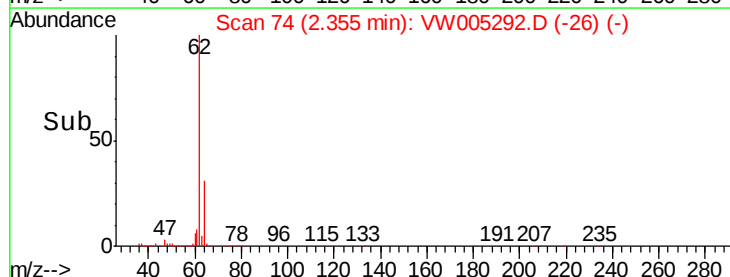
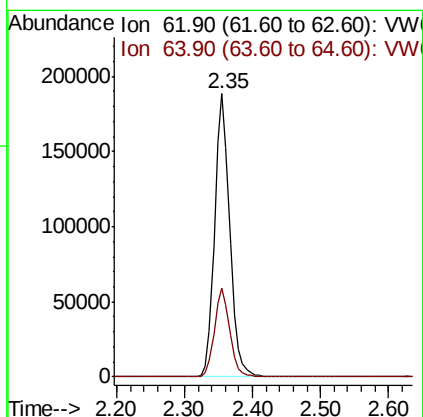
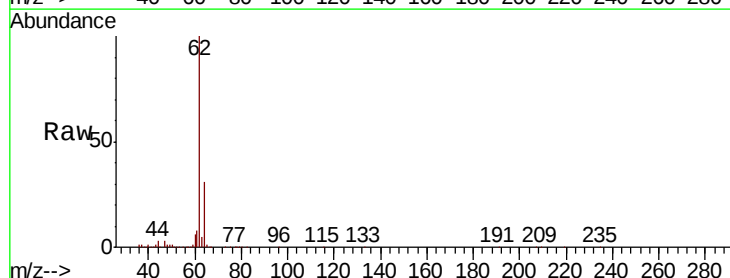
Acq: 11 Sep 2018 23:07

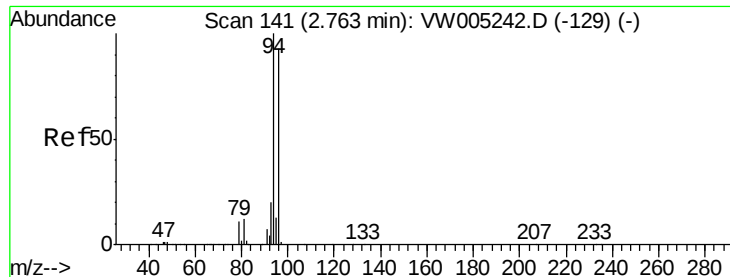
Tgt Ion: 62 Resp: 290026

Ion Ratio Lower Upper

62 100

64 31.3 24.6 37.0





#5

Bromomethane

Concen: 59.36 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 197554

Ion Ratio Lower Upper

94 100

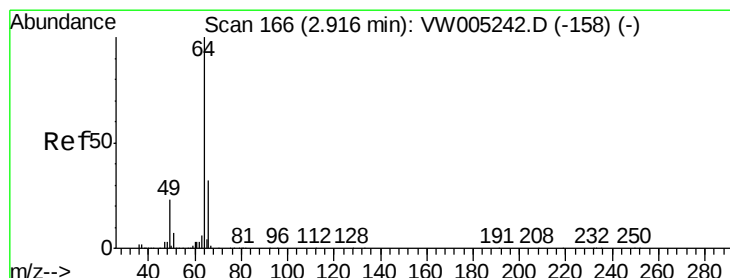
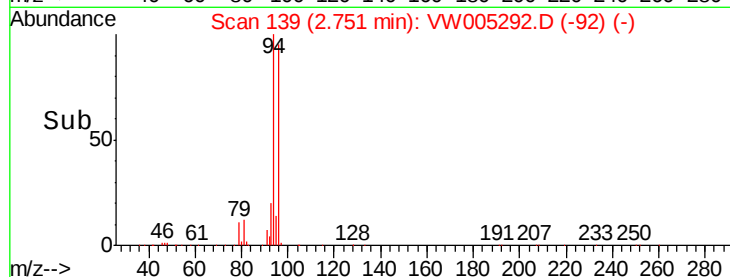
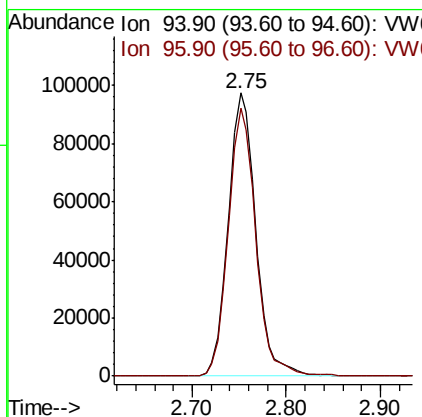
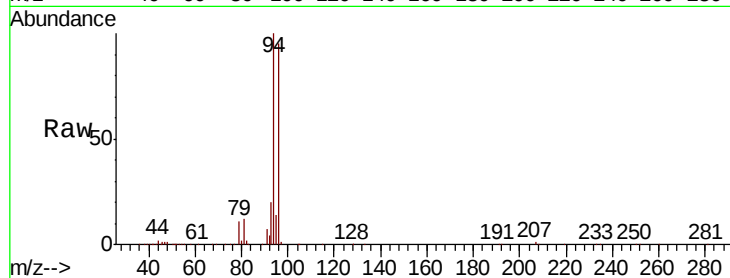
96 94.5 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 53.60 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005292.D

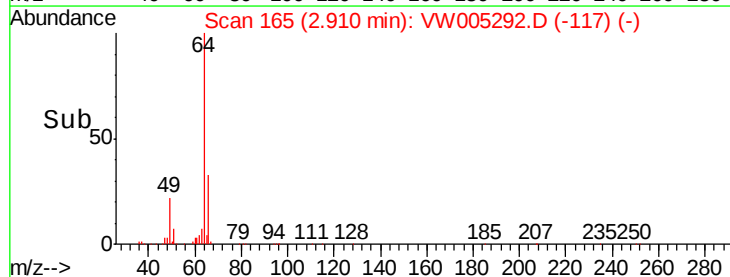
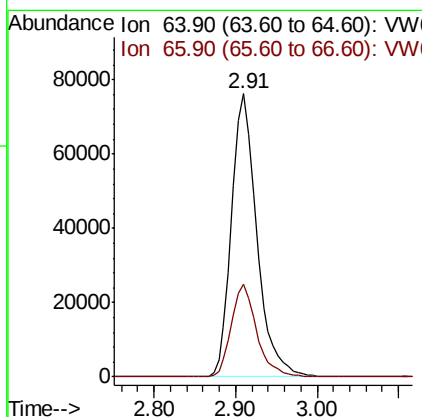
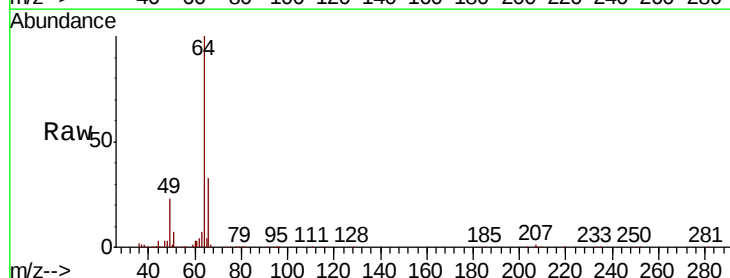
Acq: 11 Sep 2018 23:07

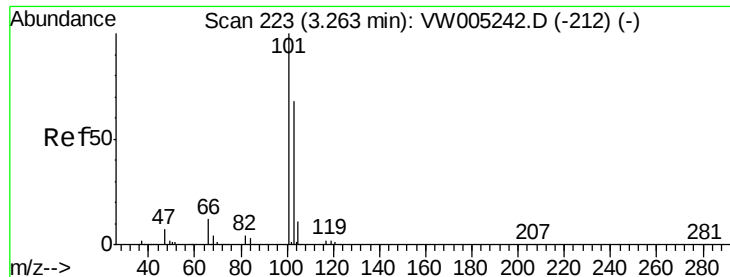
Tgt Ion: 64 Resp: 163525

Ion Ratio Lower Upper

64 100

66 32.5 25.3 37.9





#7

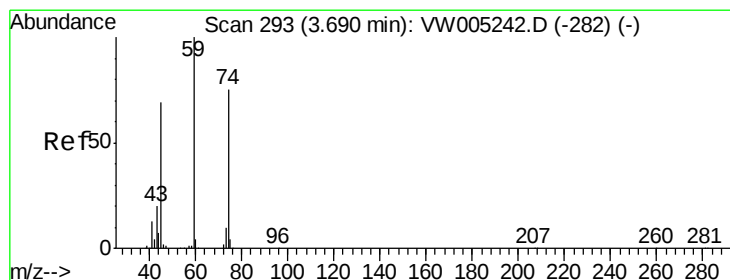
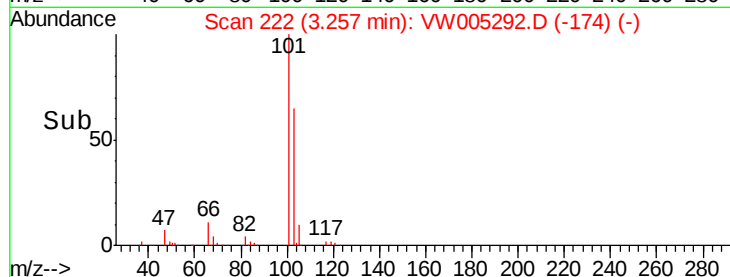
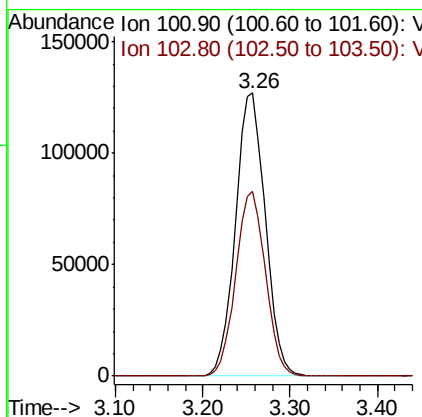
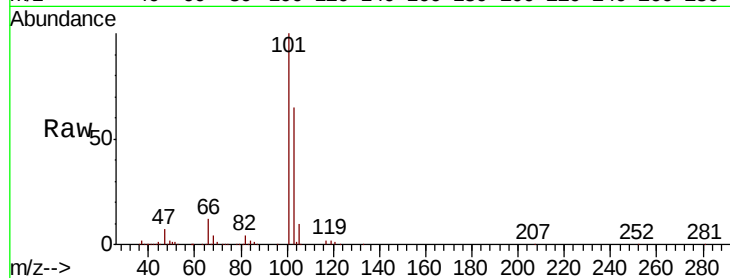
Trichlorofluoromethane
 Concen: 48.09 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	54.1	81.1

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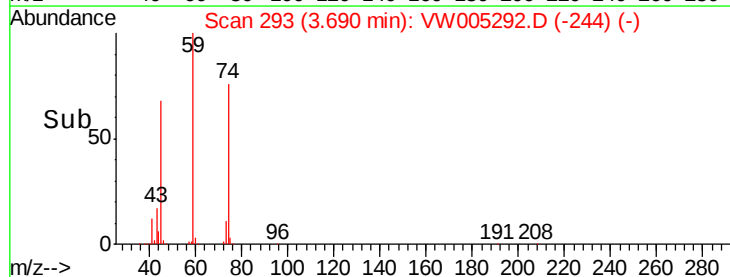
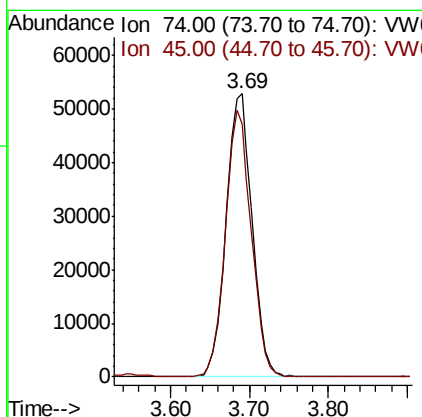
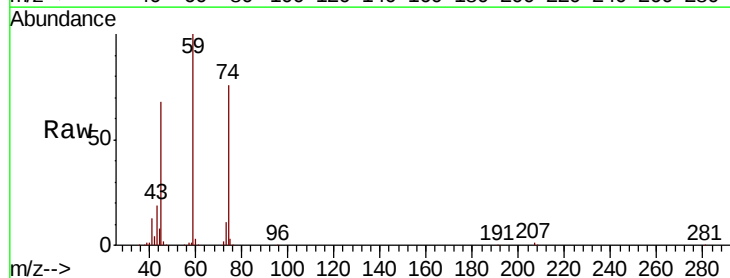
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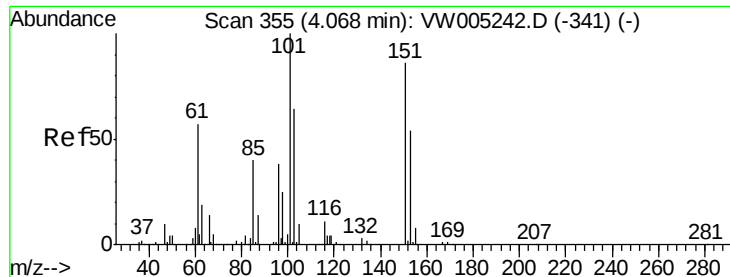


#8

Diethyl Ether
 Concen: 54.22 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.30 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

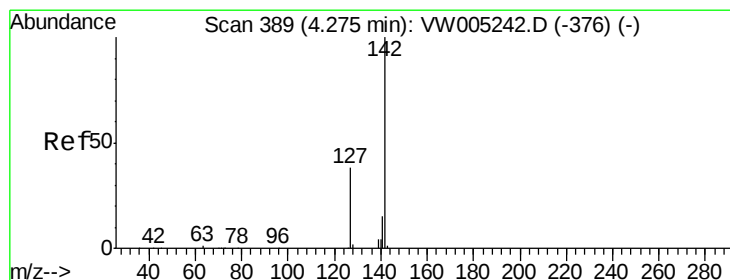
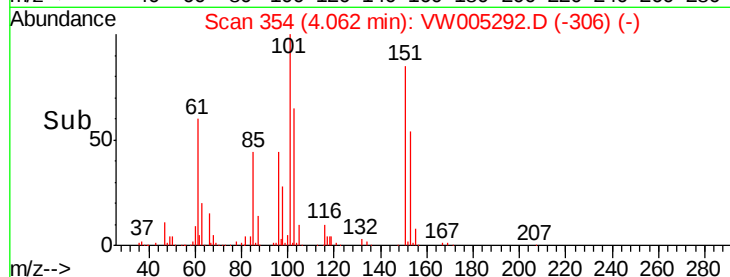
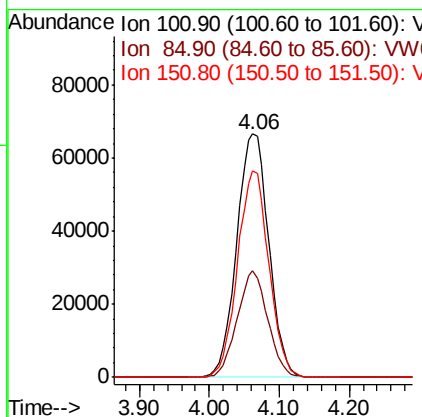
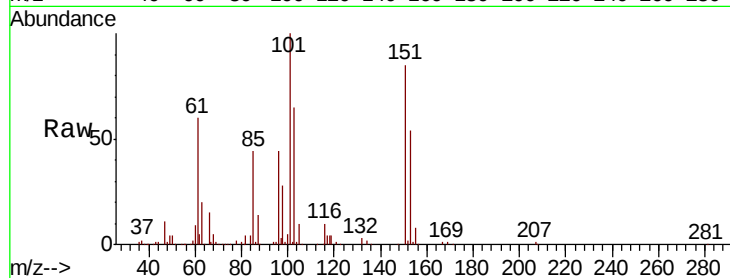
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	211699
Ion Ratio	Lower	Upper	
101	100		
85	41.8	32.7	49.1
151	82.7	67.6	101.4

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#10

Methyl Iodide

Concen: 42.31 ug/l

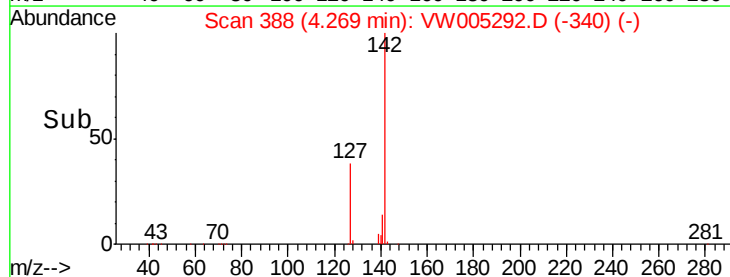
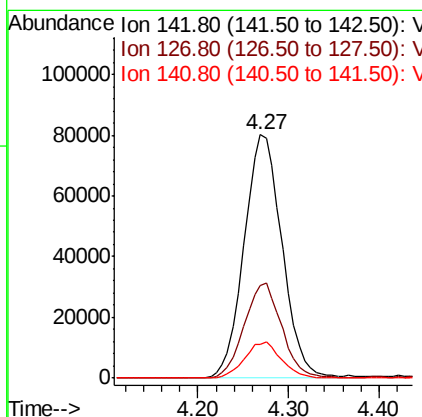
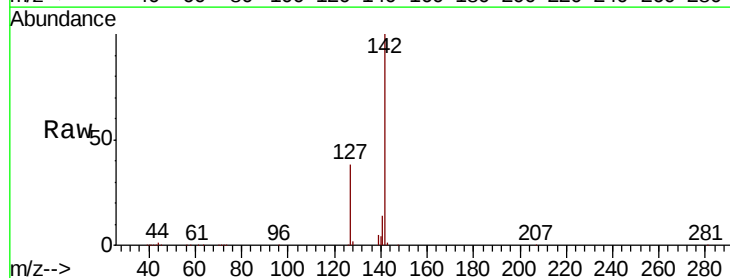
RT: 4.27 min Scan# 388

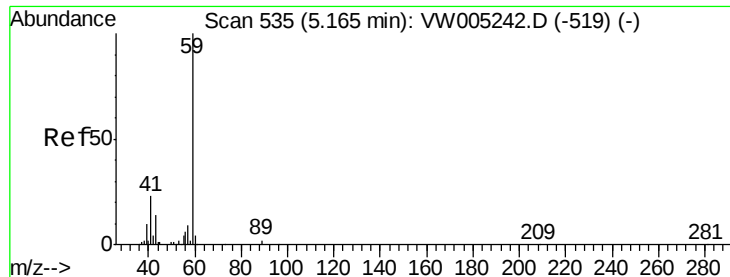
Delta R.T. -0.01 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Tgt Ion:	142	Resp:	232299
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.3	45.5
141	14.4	11.4	17.0





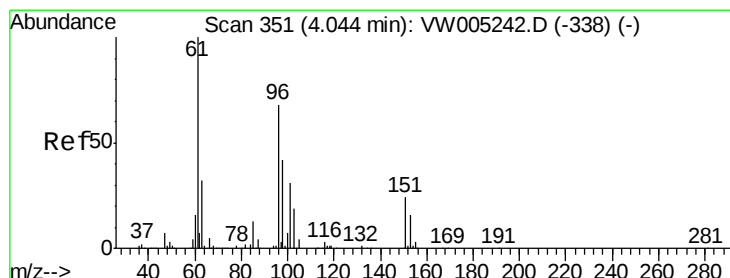
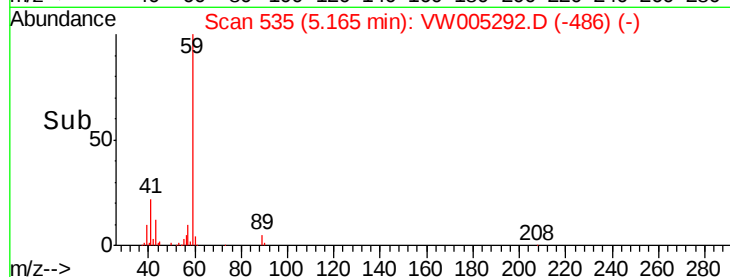
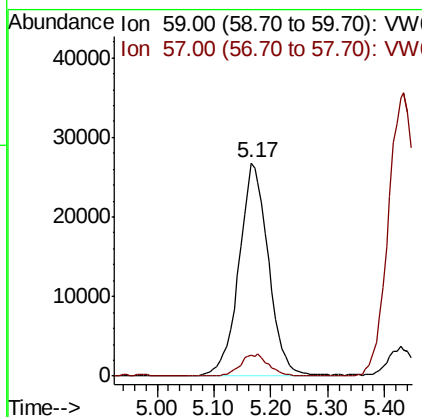
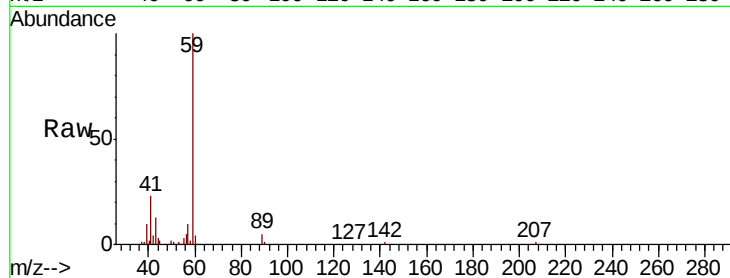
#11
Tert butyl alcohol
Concen: 302.51 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.1	12.1

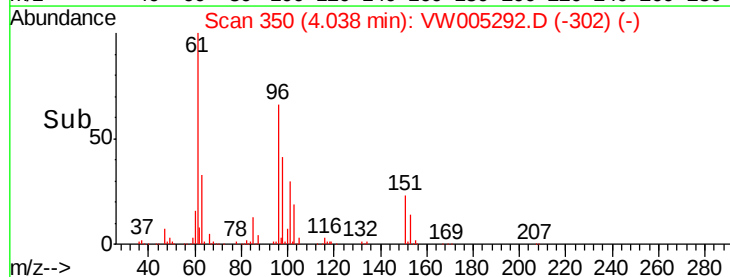
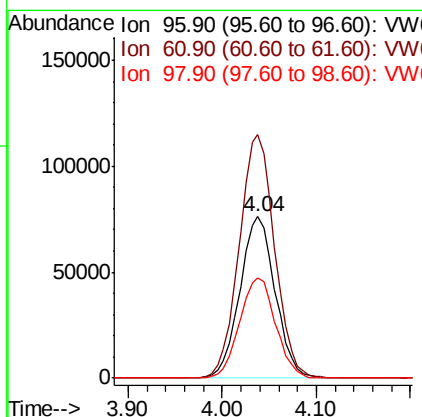
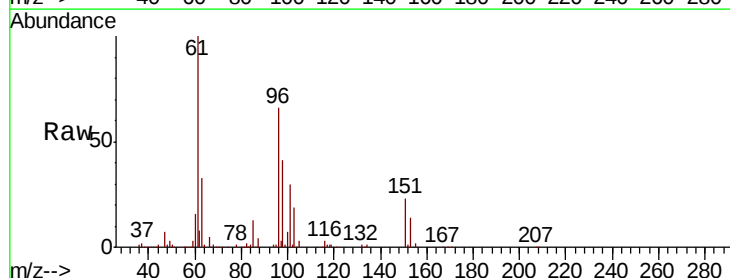
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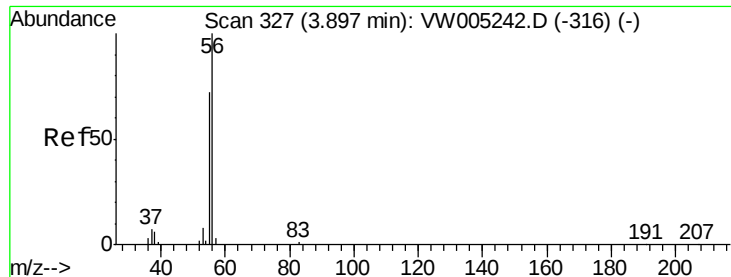
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#12
1,1-Dichloroethene
Concen: 48.48 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.0	118.2	177.2
98	62.4	49.9	74.9





#13

Acrolein

Concen: 265.51 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 82070

Ion Ratio Lower Upper

56 100

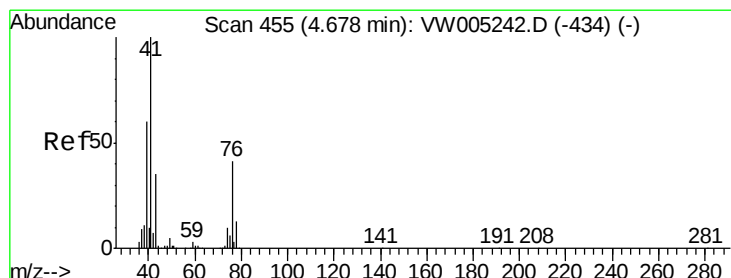
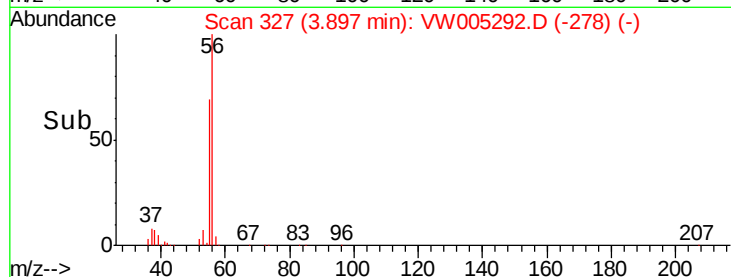
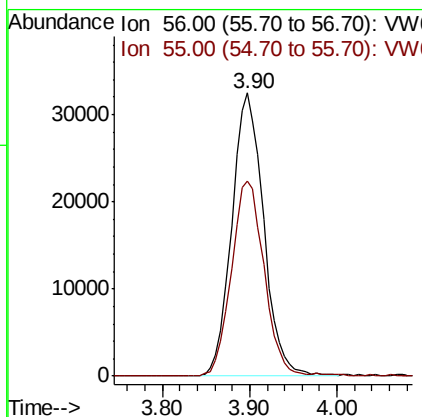
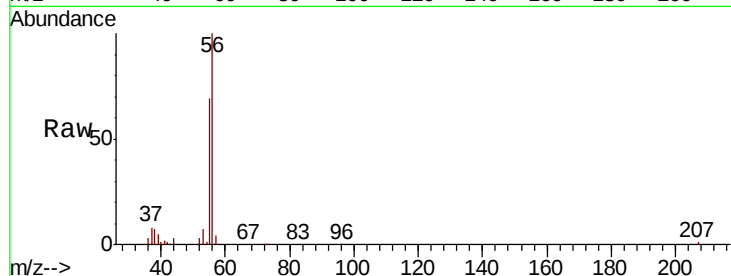
55 71.1 56.8 85.2

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#14

Allyl chloride

Concen: 52.28 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

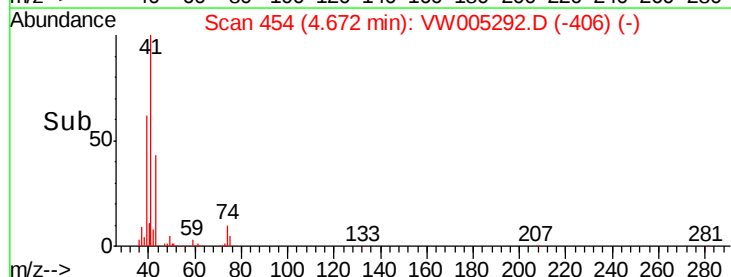
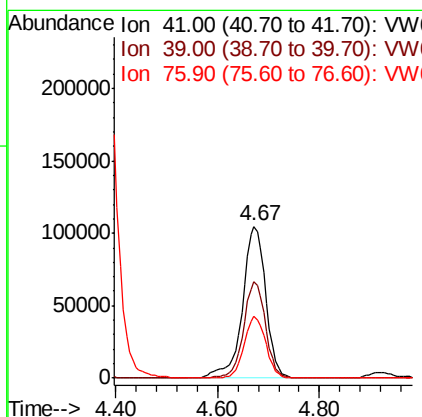
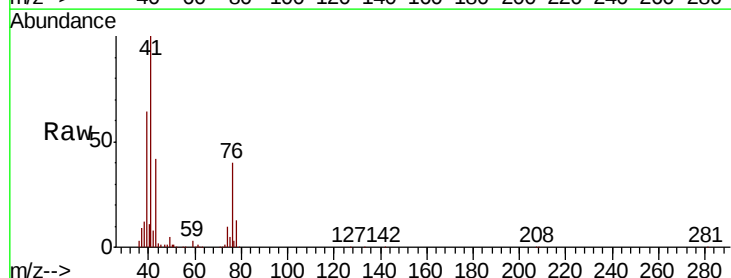
Tgt Ion: 41 Resp: 331017

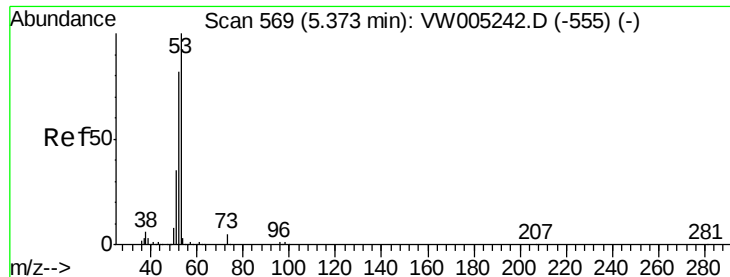
Ion Ratio Lower Upper

41 100

39 60.2 48.2 72.4

76 37.7 31.7 47.5





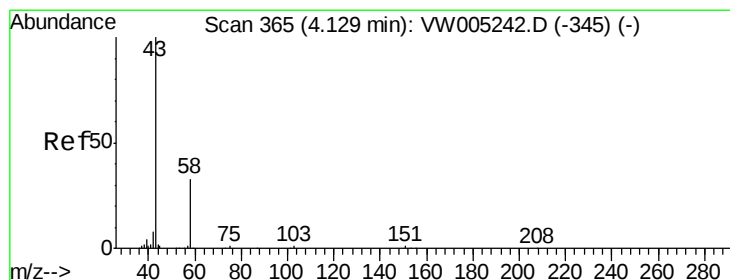
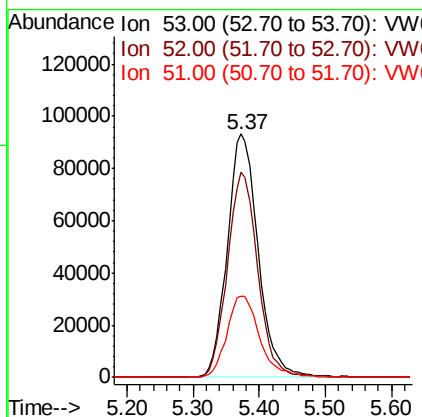
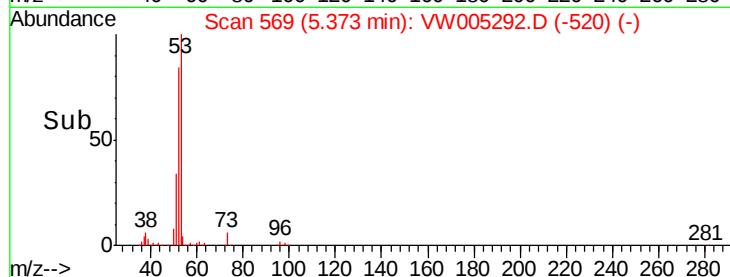
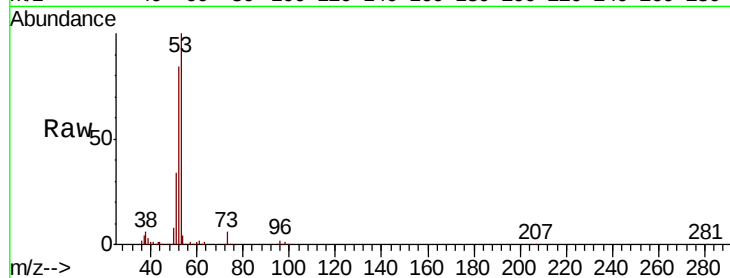
#15
 Acrylonitrile
 Concen: 300.24 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	302476
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.0	99.0
51	35.5	28.6	43.0

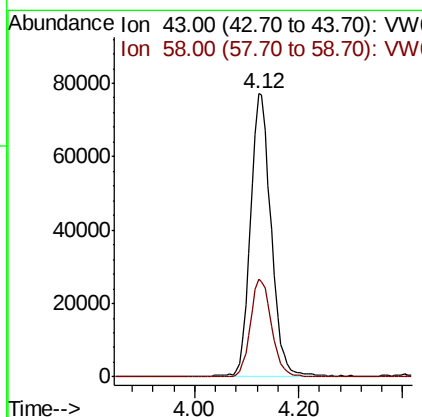
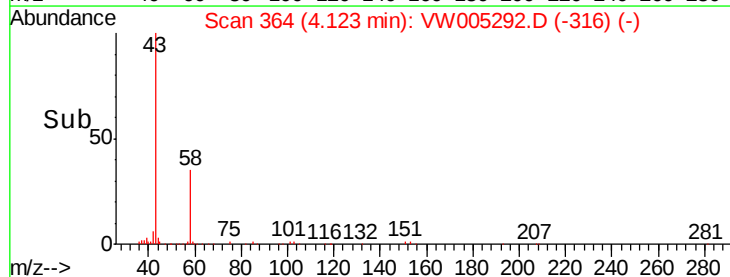
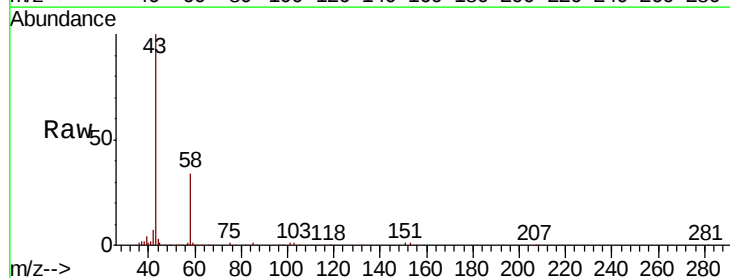
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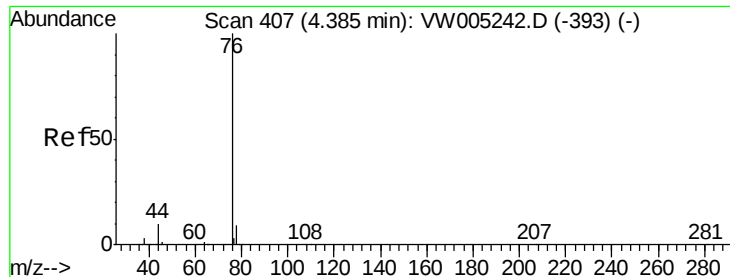
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#16
 Acetone
 Concen: 292.75 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Tgt Ion:	43	Resp:	212029
Ion Ratio		Lower	Upper
43	100		
58	34.3	26.7	40.1





#17

Carbon Disulfide

Concen: 53.27 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 770553

Ion Ratio Lower Upper

76 100

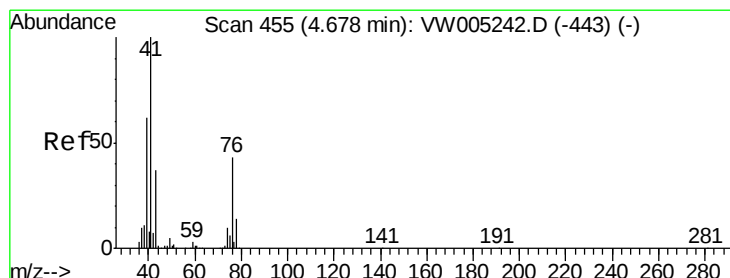
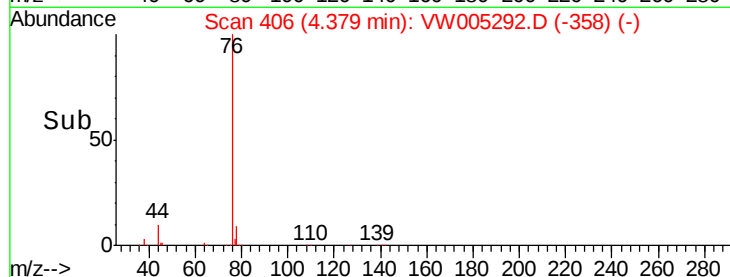
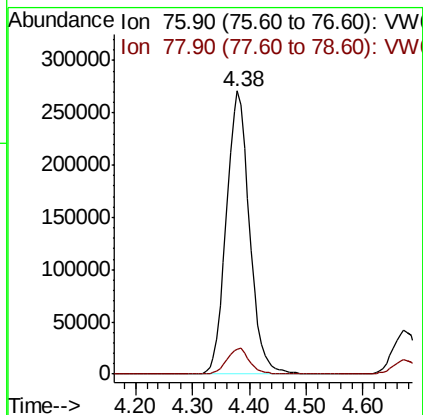
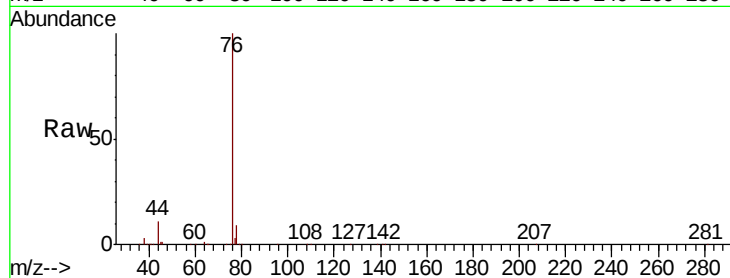
78 9.0 7.5 11.3

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#18

Methyl Acetate

Concen: 62.06 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005292.D

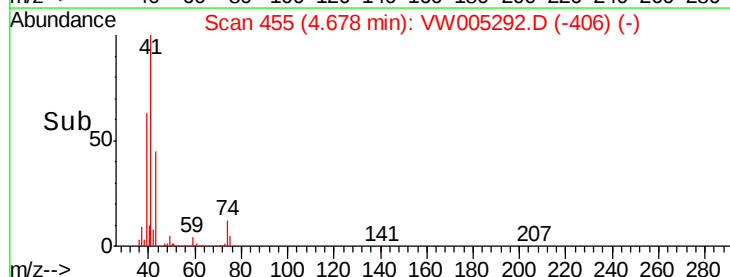
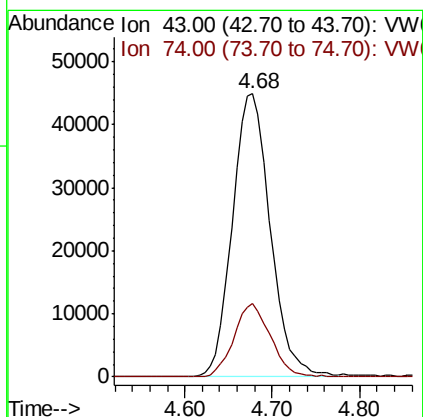
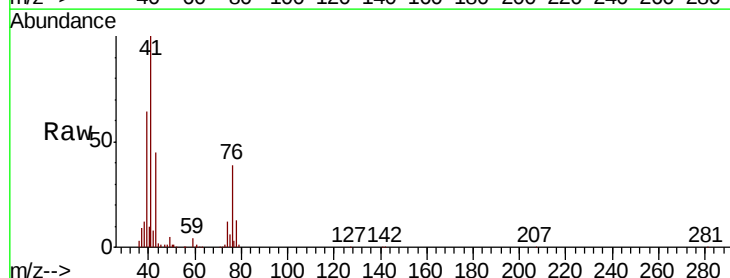
Acq: 11 Sep 2018 23:07

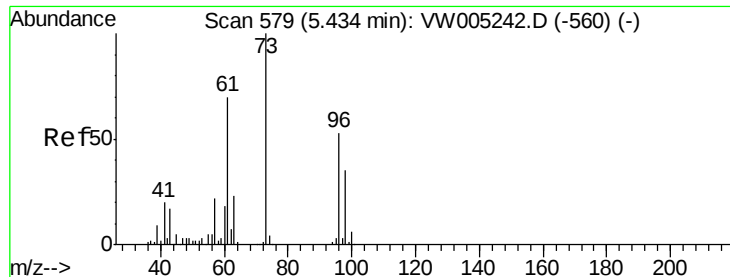
Tgt Ion: 43 Resp: 134175

Ion Ratio Lower Upper

43 100

74 25.3 21.4 32.2





#19

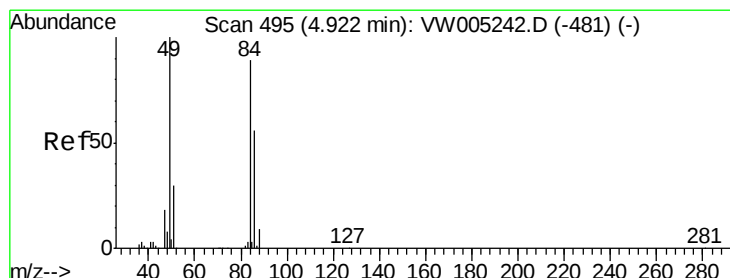
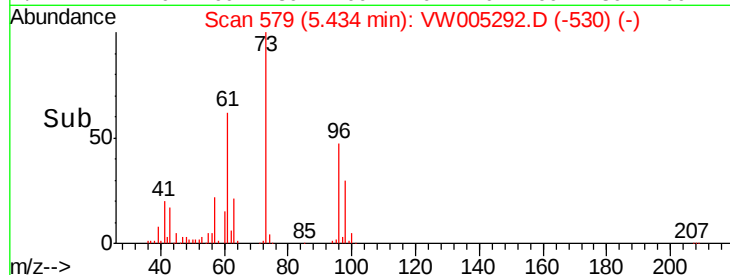
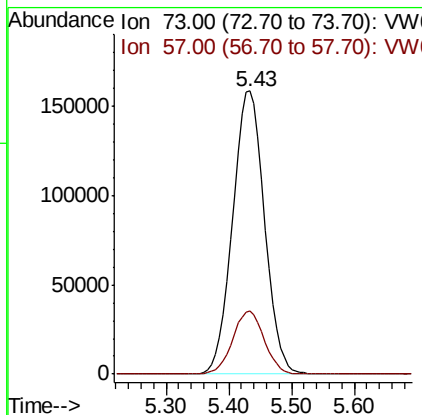
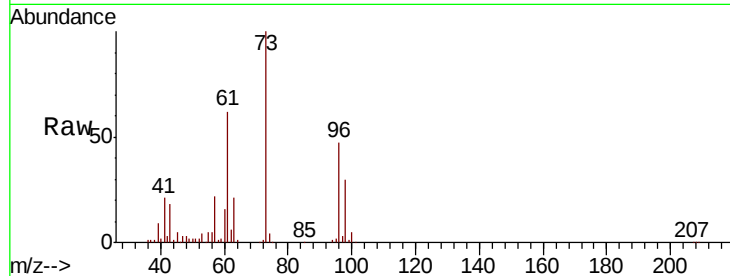
Methyl tert-butyl Ether
 Concen: 56.86 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.4	26.2

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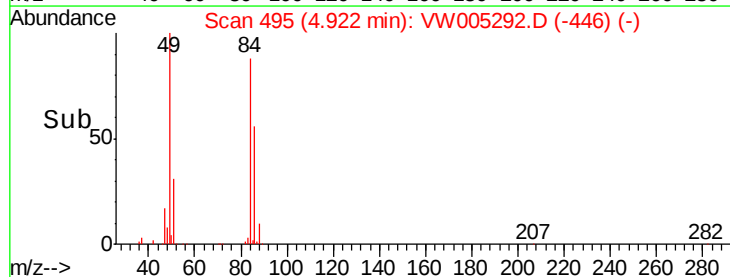
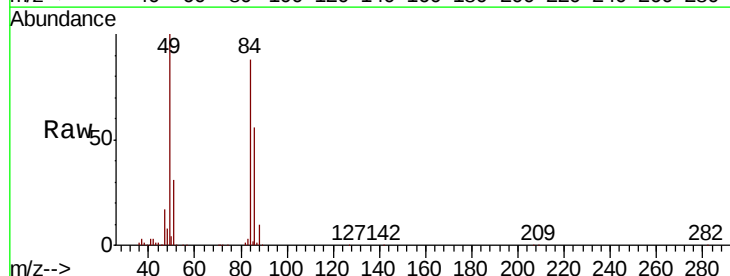
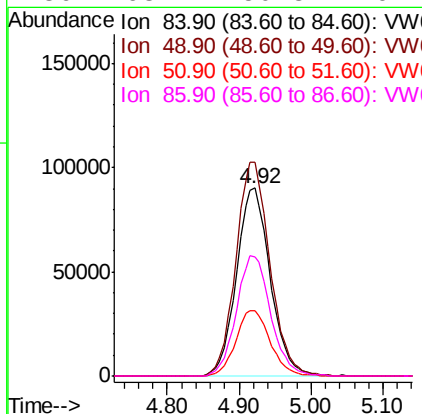
apatel
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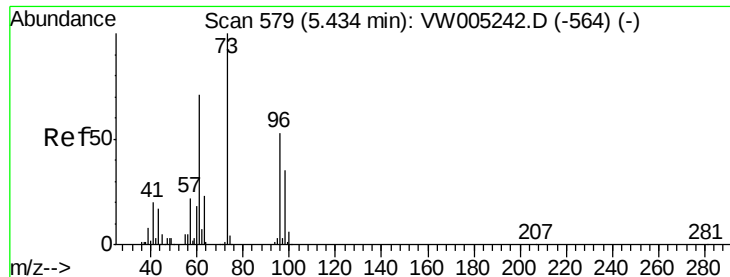


#20

Methylene Chloride
 Concen: 54.87 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.7	90.3	135.5
51	35.0	26.9	40.3
86	63.4	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 49.46 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

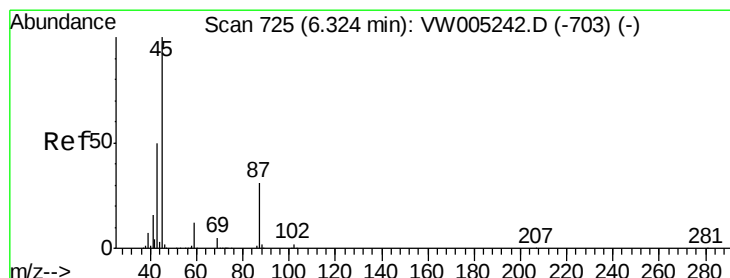
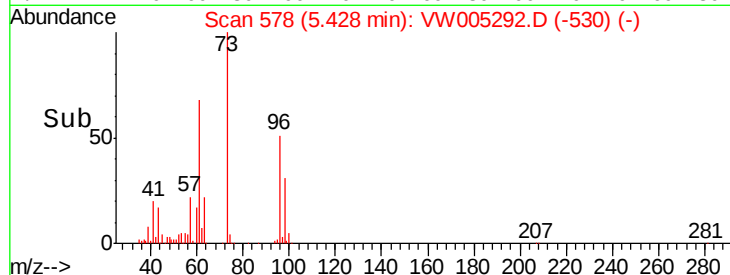
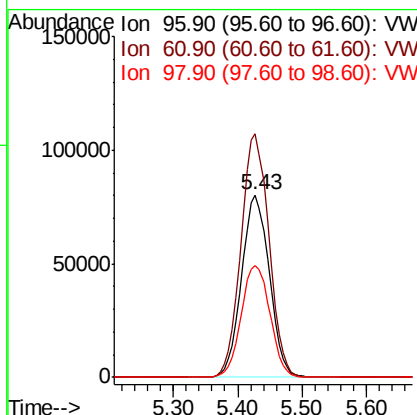
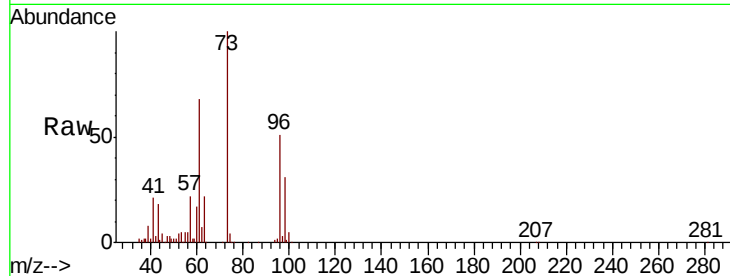
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	238003
Ion	Ratio	Lower	Upper
96	100		
61	133.4	105.7	158.5
98	61.1	52.8	79.2

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#22

Diisopropyl ether

Concen: 58.57 ug/l

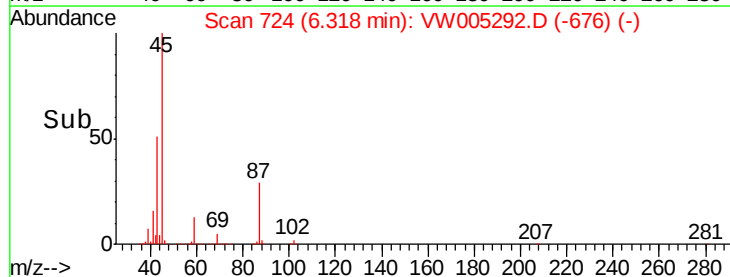
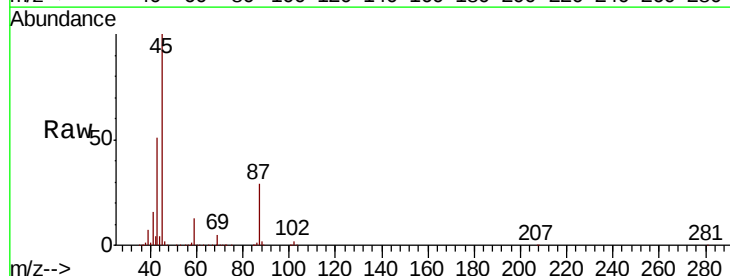
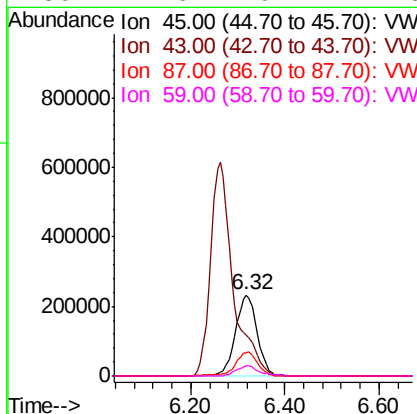
RT: 6.32 min Scan# 724

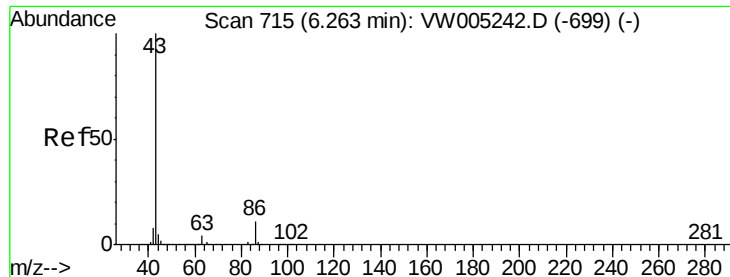
Delta R.T. -0.01 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Tgt Ion:	45	Resp:	746606
Ion	Ratio	Lower	Upper
45	100		
43	50.9	39.6	59.4
87	29.1	24.7	37.1
59	12.6	9.7	14.5





#23

Vinyl Acetate

Concen: 286.73 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2037020

Ion Ratio Lower Upper

43 100

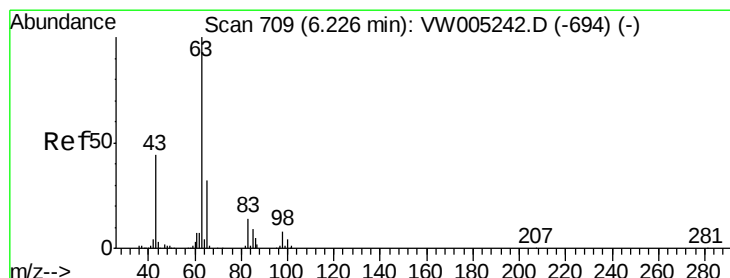
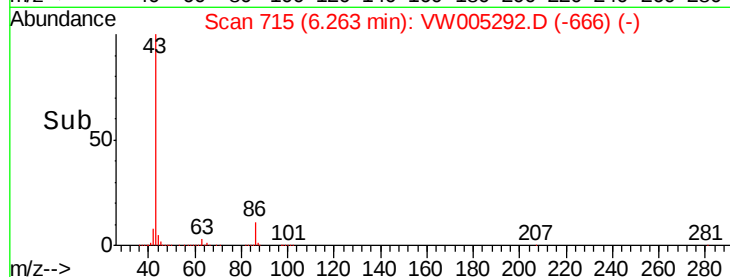
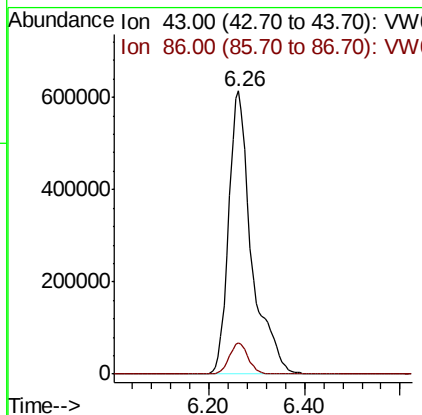
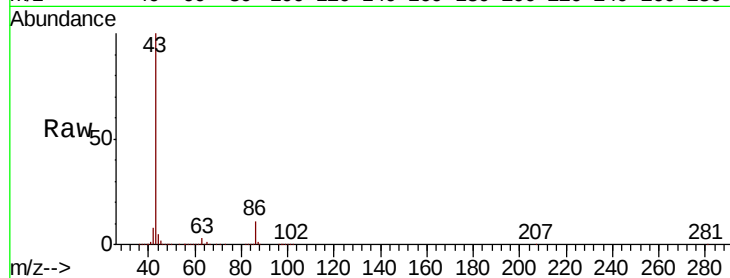
86 11.2 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 53.01 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

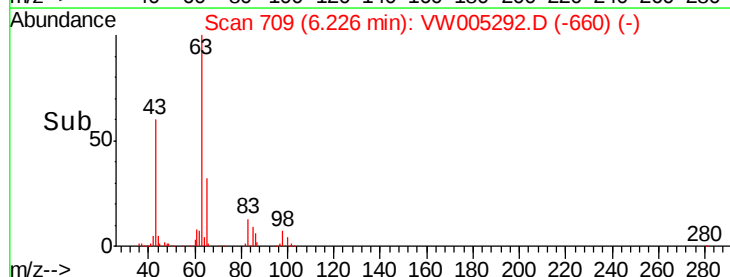
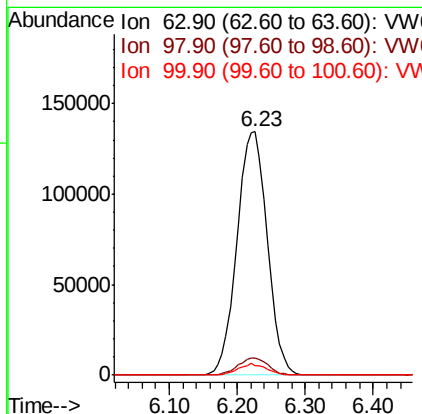
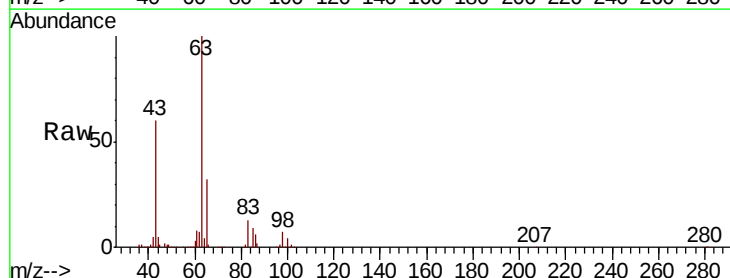
Tgt Ion: 63 Resp: 415958

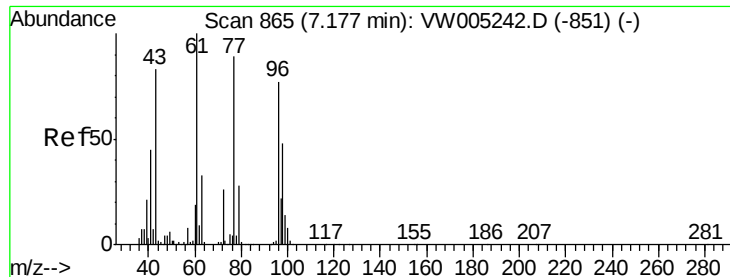
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 4.1 2.2 6.6





#25

2-Butanone

Concen: 299.35 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 341987

Ion Ratio Lower Upper

43 100

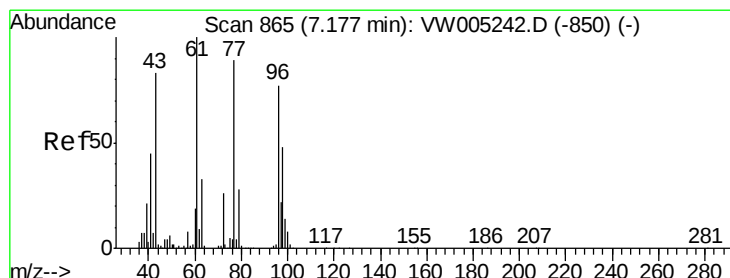
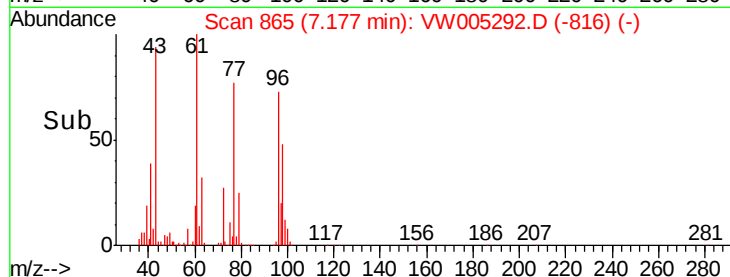
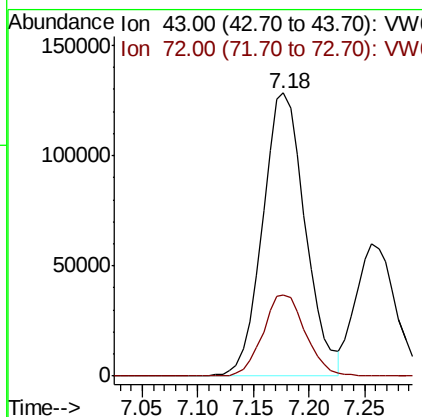
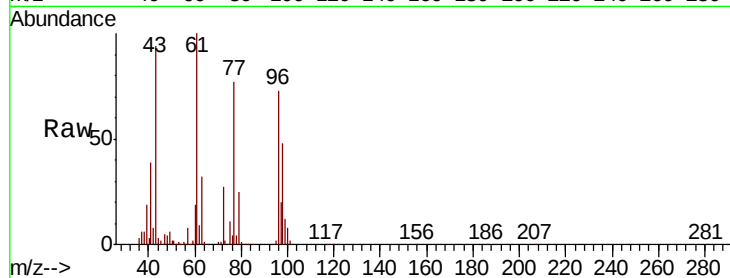
72 28.5 25.0 37.6

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#26

2,2-Dichloropropane

Concen: 45.62 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005292.D

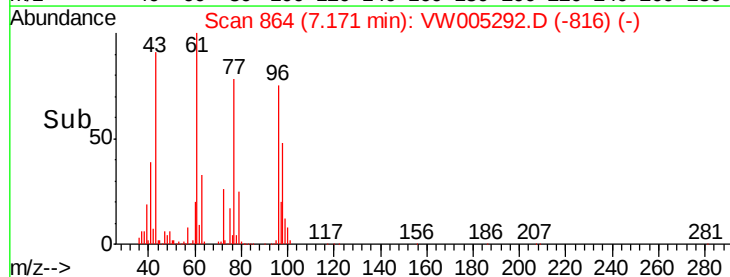
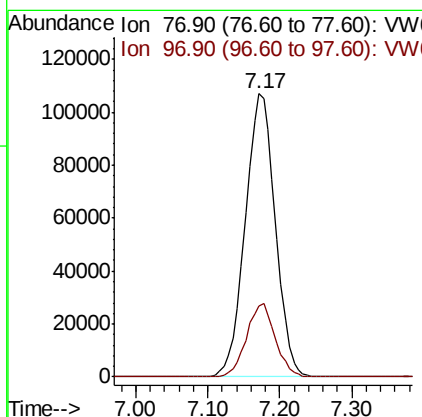
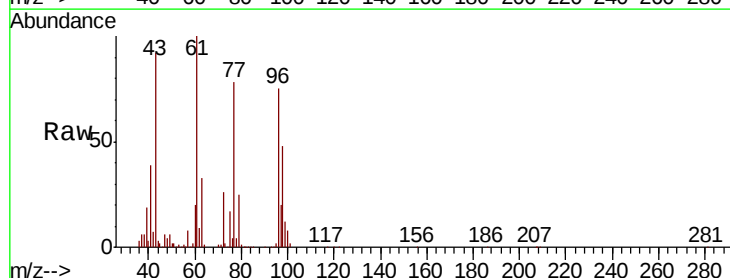
Acq: 11 Sep 2018 23:07

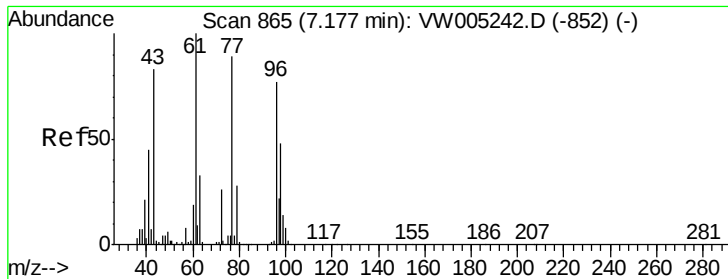
Tgt Ion: 77 Resp: 310410

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6





#27

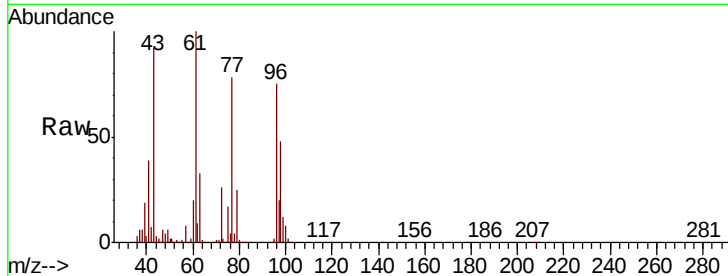
cis-1,2-Dichloroethene
Concen: 51.98 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

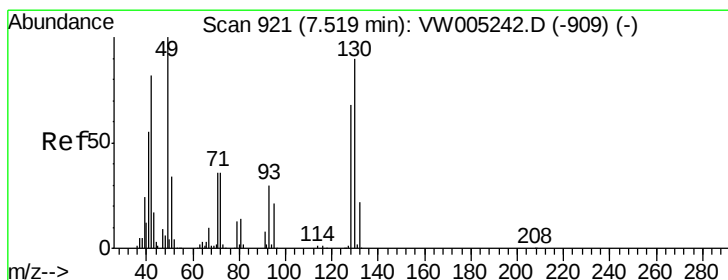
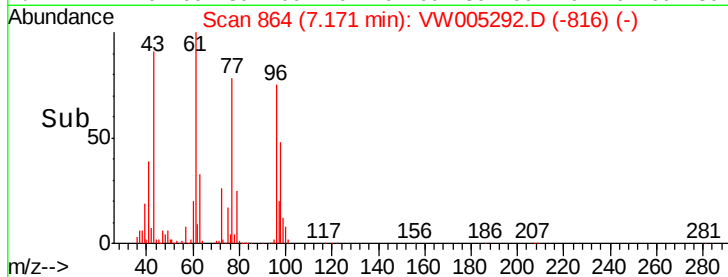
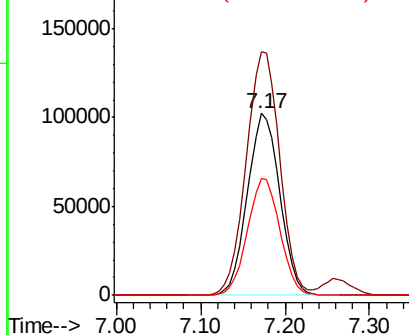
Tot Ion	Ratio	Resp	Lower	Upper
96	100	267687		
61	138.6	0.0	273.4	
98	64.3	0.0	127.8	

Manual Integrations
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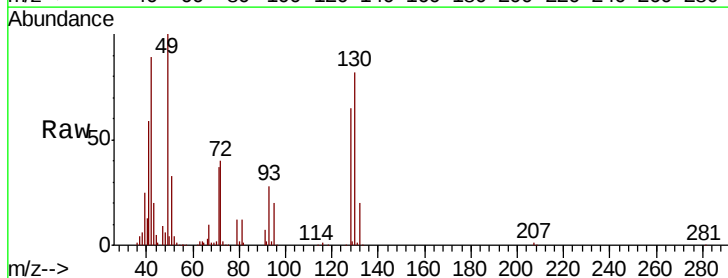
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



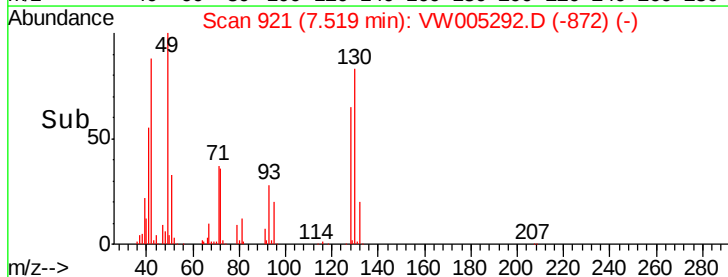
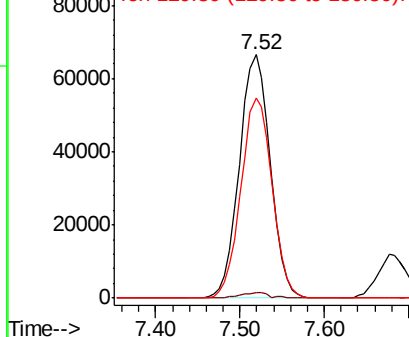
#28

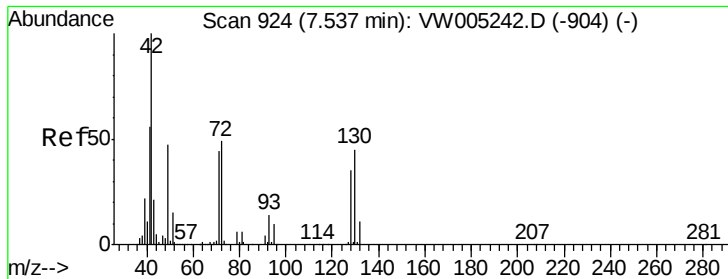
Bromochloromethane
Concen: 56.89 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	164685		
129	2.1	0.0	2.0#	
130	82.7	71.2	106.8	



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





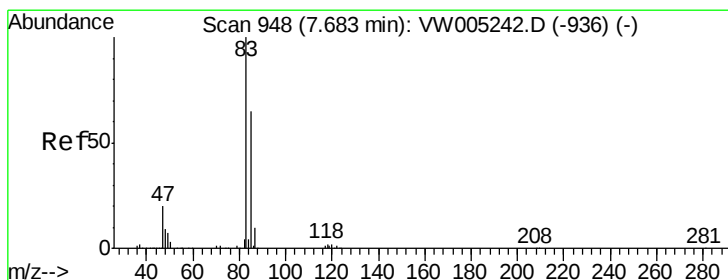
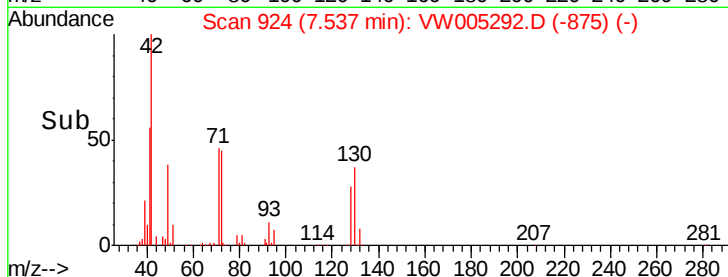
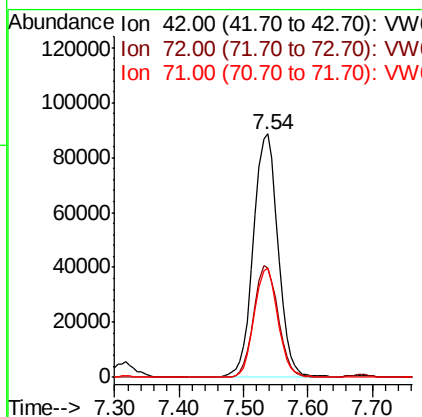
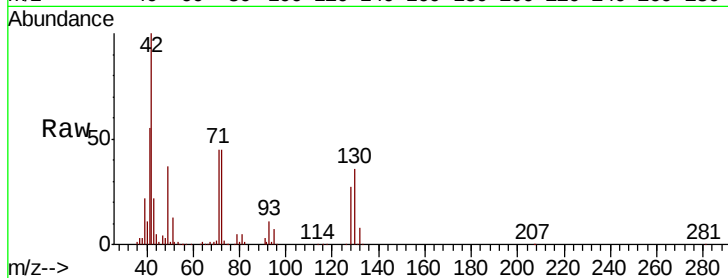
#29
Tetrahydrofuran
Concen: 301.87 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
42	100	232408		
72	45.4		37.5	56.3
71	42.9		34.8	52.2

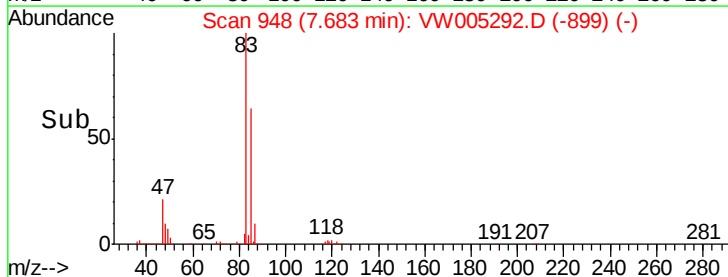
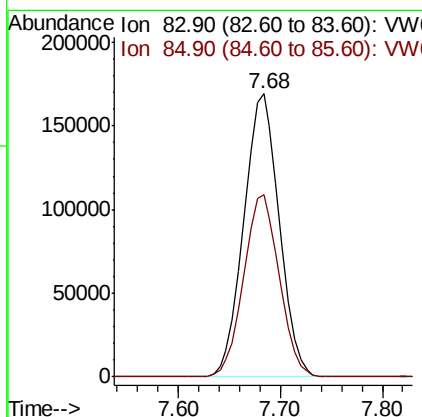
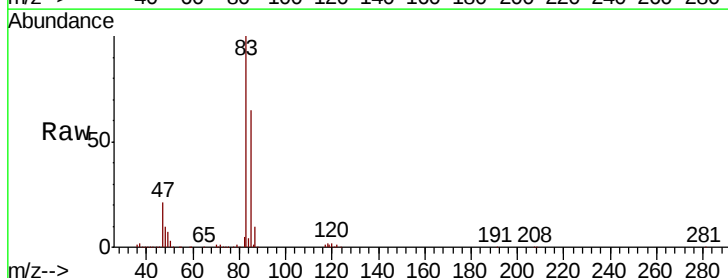
Manual Integrations
APPROVED

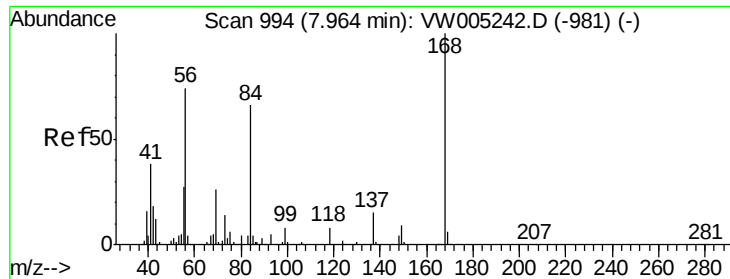
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#30
Chloroform
Concen: 51.98 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	409333		
85	64.6		51.7	77.5





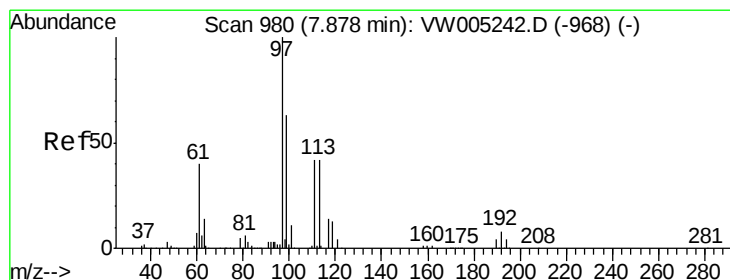
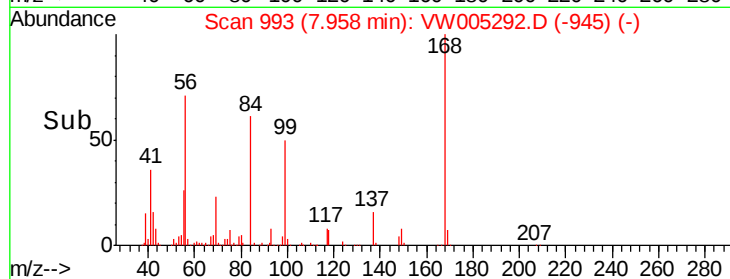
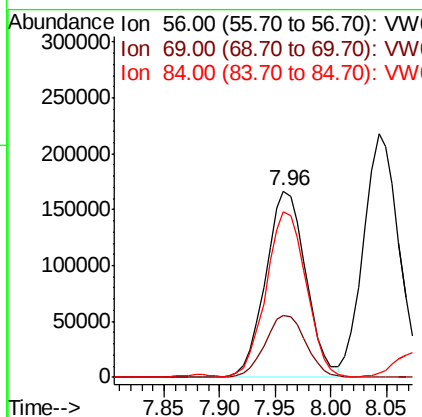
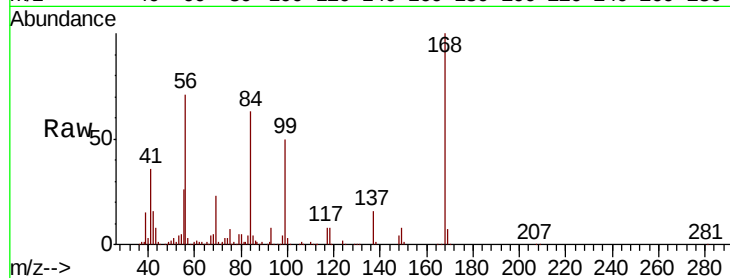
#31
Cyclohexane
Concen: 50.31 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	27.8	41.8
84	87.4	72.1	108.1

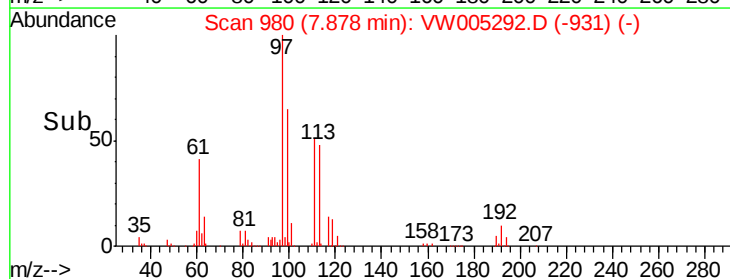
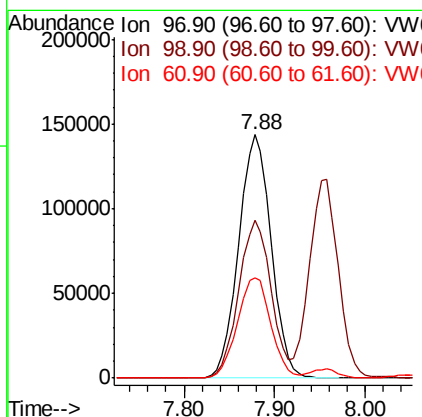
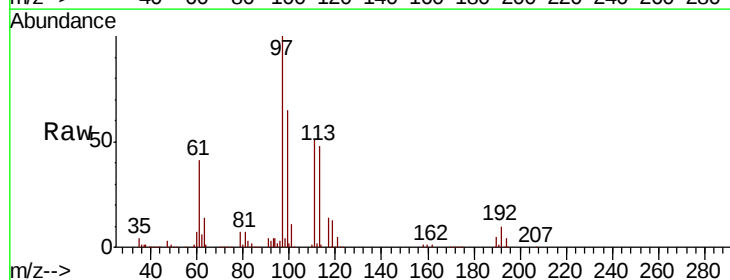
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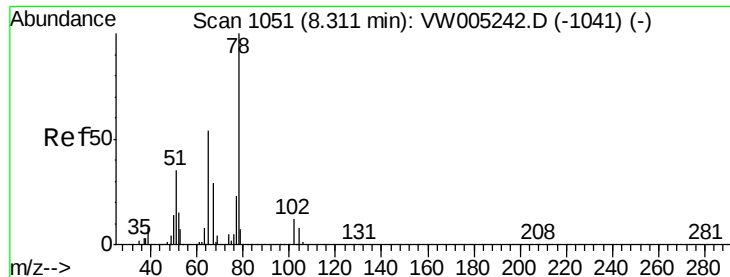
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#32
1,1,1-Trichloroethane
Concen: 50.09 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.5	77.3
61	42.2	32.5	48.7





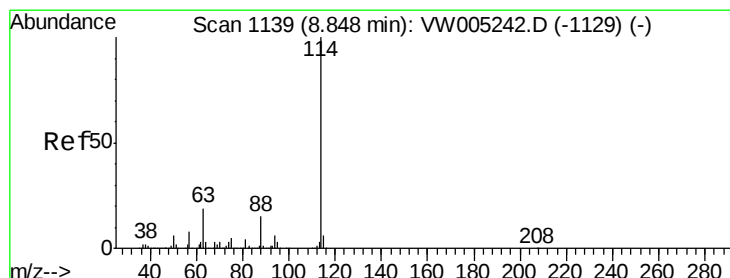
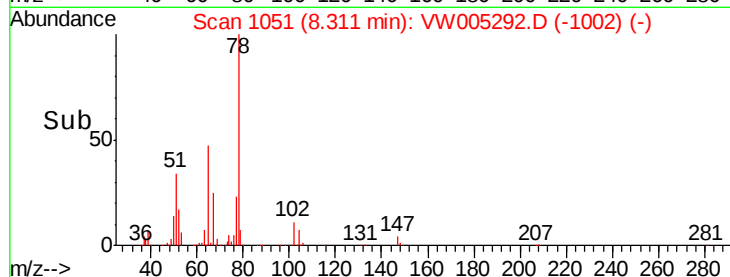
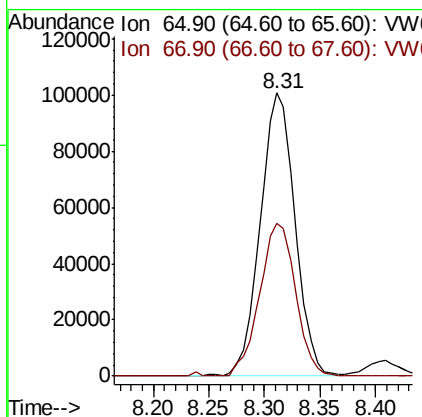
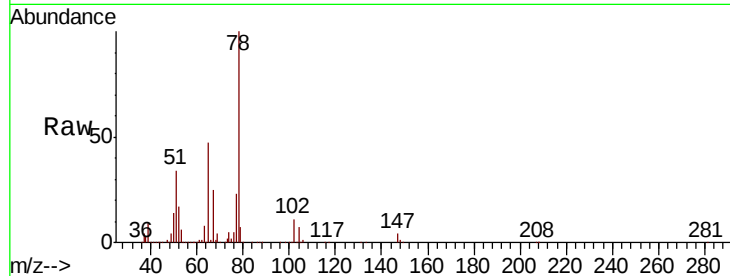
#33
 1,2-Dichloroethane-d4
 Concen: 56.15 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	219084		
67	55.9	0.0	112.2	

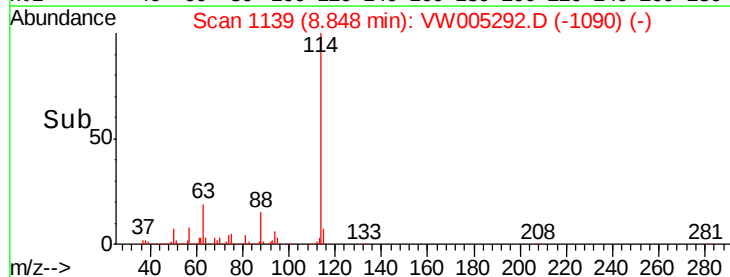
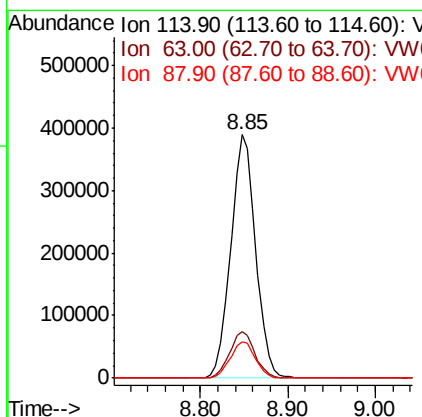
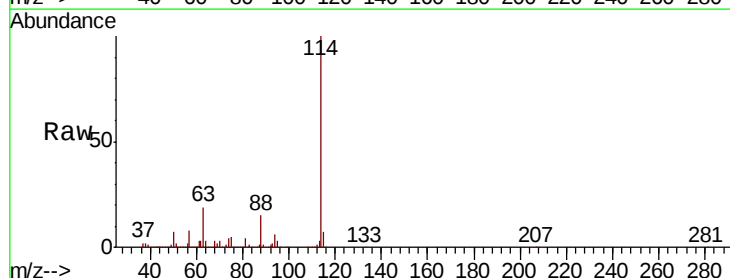
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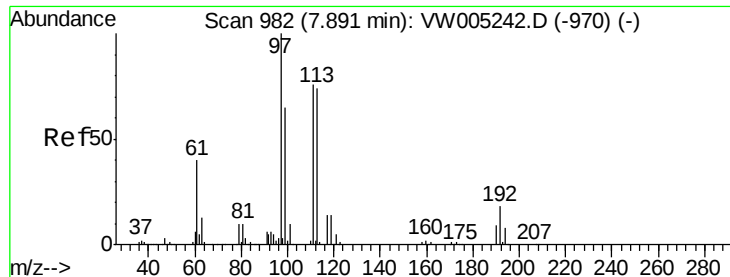
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	768264		
63	19.3	0.0	37.0	
88	15.1	0.0	30.4	





#35

Dibromofluoromethane

Concen: 53.82 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

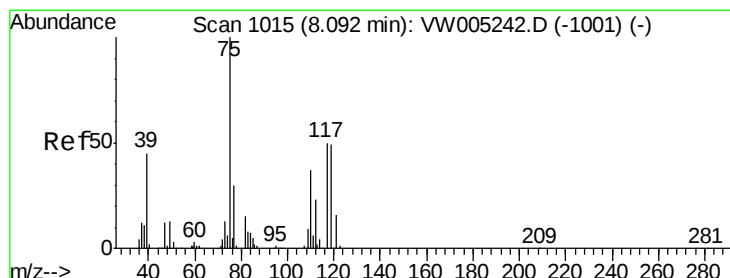
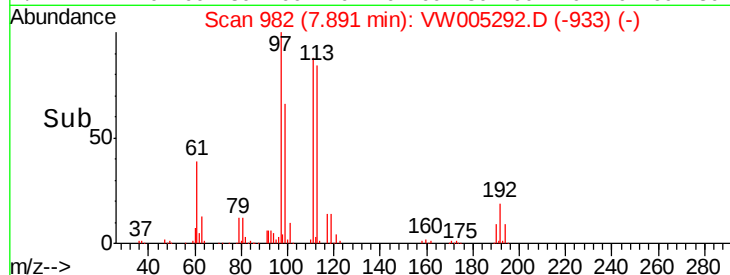
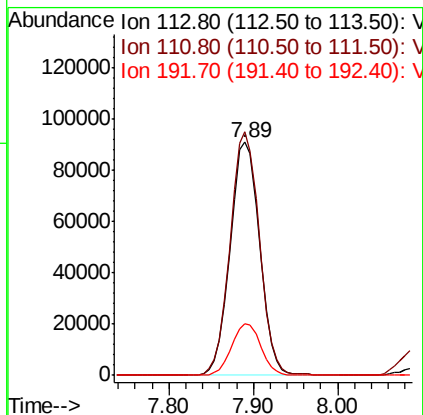
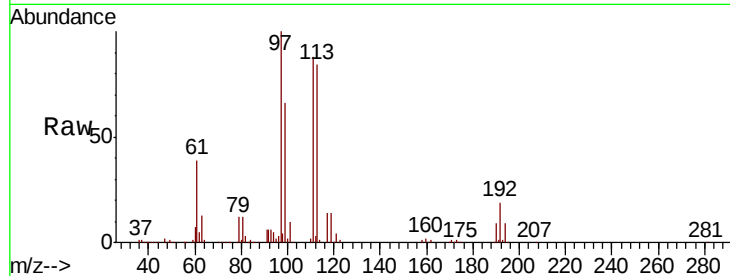
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	216607
Ion Ratio	Lower	Upper	
113	100		
111	103.1	80.6	121.0
192	21.7	18.3	27.5

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#36

1,1-Dichloropropene

Concen: 50.67 ug/l

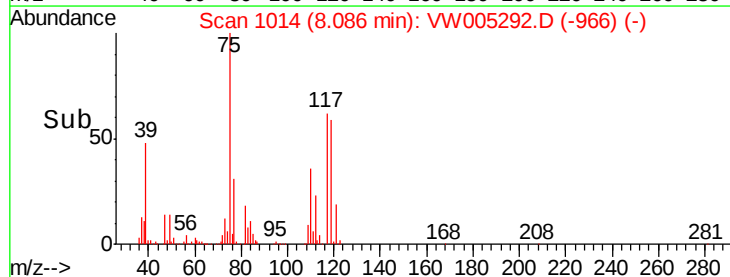
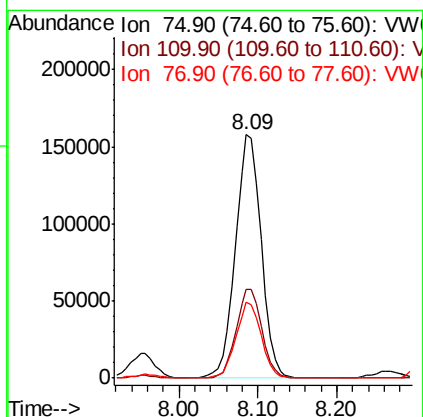
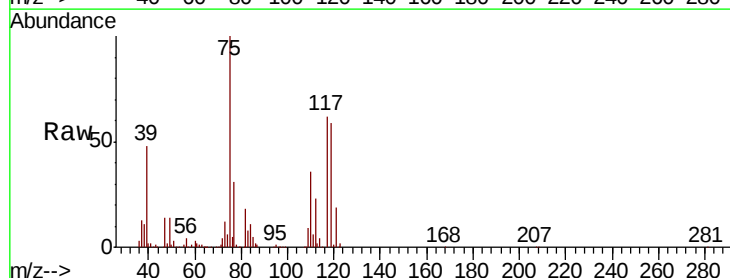
RT: 8.09 min Scan# 1014

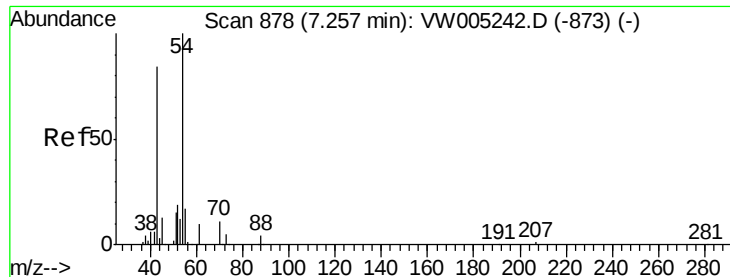
Delta R.T. -0.01 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Tgt Ion:	75	Resp:	356622
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.8	56.4
77	31.0	24.9	37.3





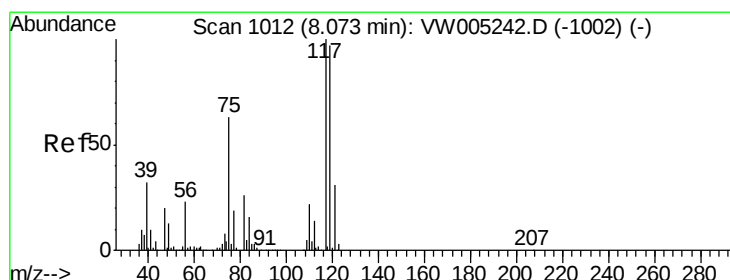
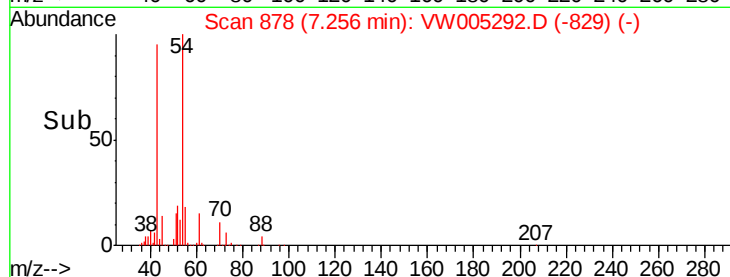
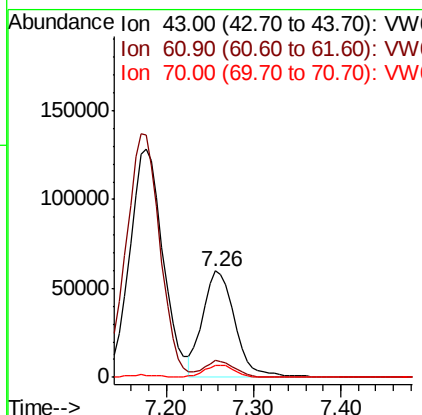
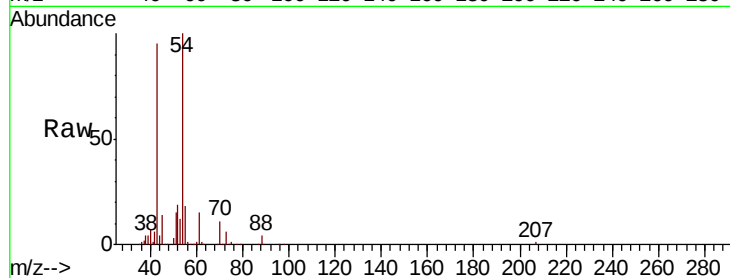
#37
Ethyl Acetate
Concen: 56.80 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	152066
Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.3	18.5
70	11.3	9.5	14.3

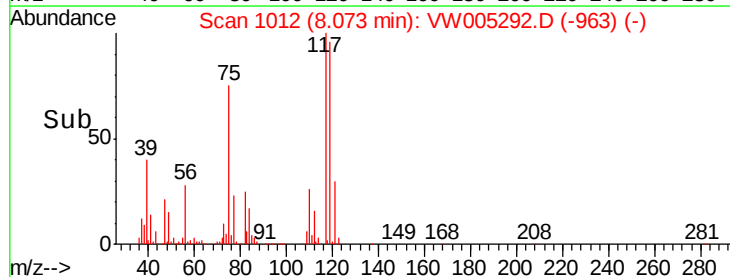
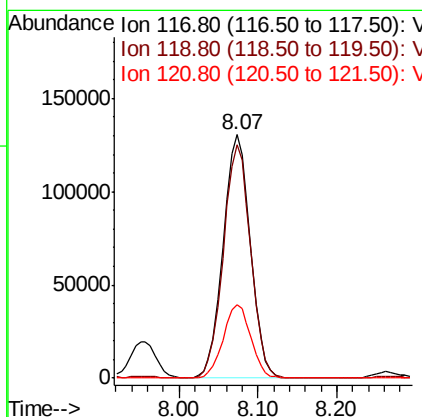
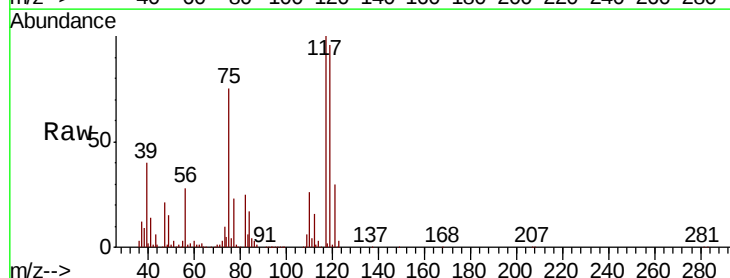
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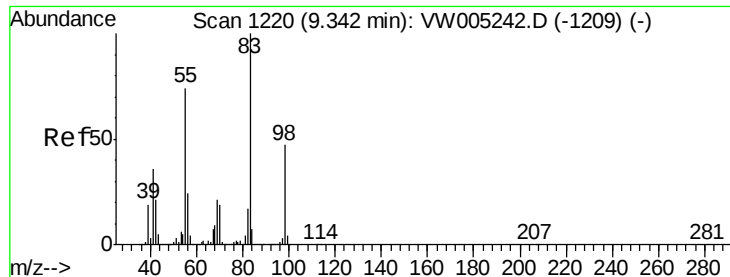
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#38
Carbon Tetrachloride
Concen: 47.55 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion	117	Resp	313528
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.5	116.3
121	30.2	24.7	37.1





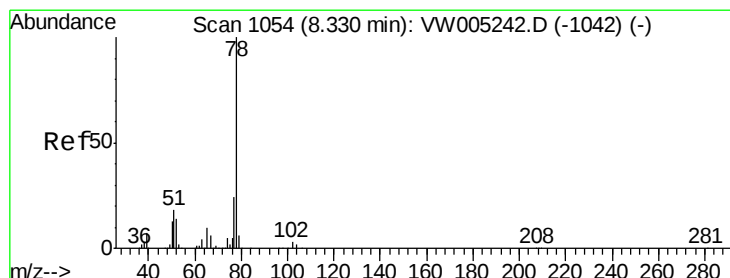
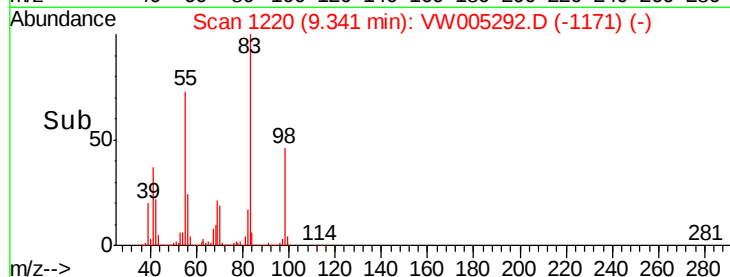
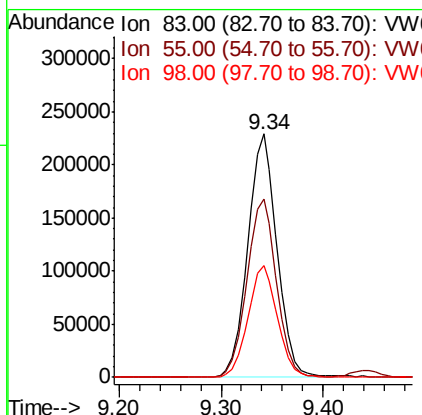
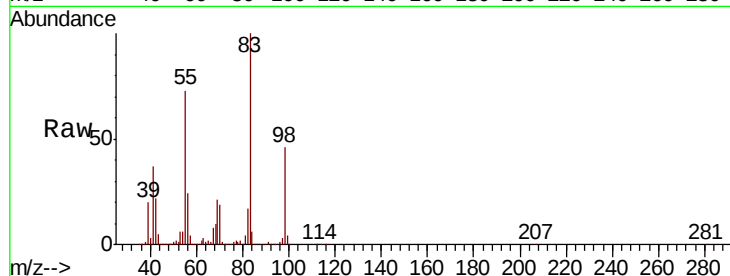
#39
Methvlcvclohexane
Concen: 48.81 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.1	58.9	88.3
98	45.8	37.6	56.4

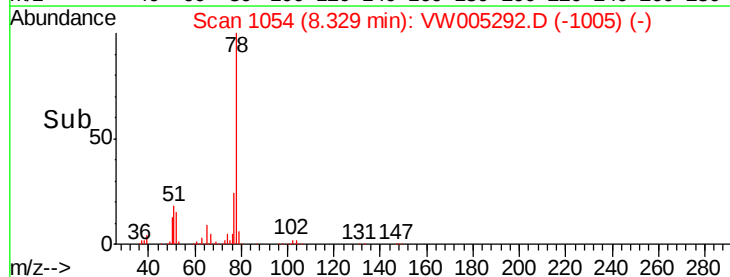
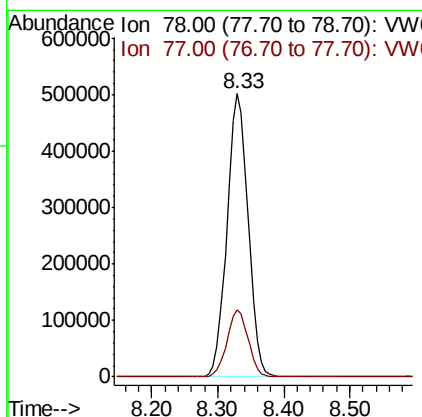
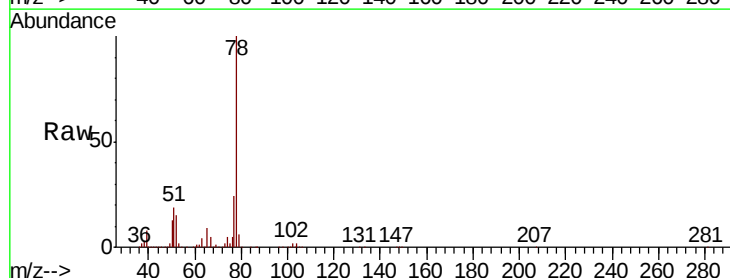
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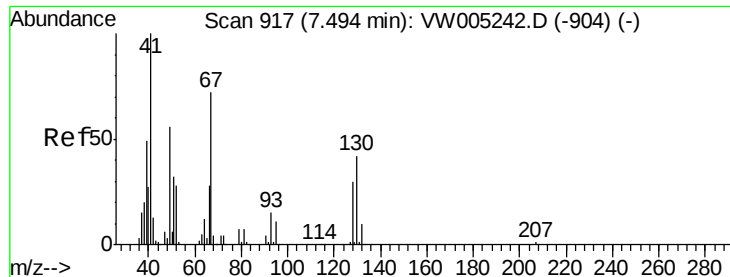
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#40
Benzene
Concen: 53.46 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3





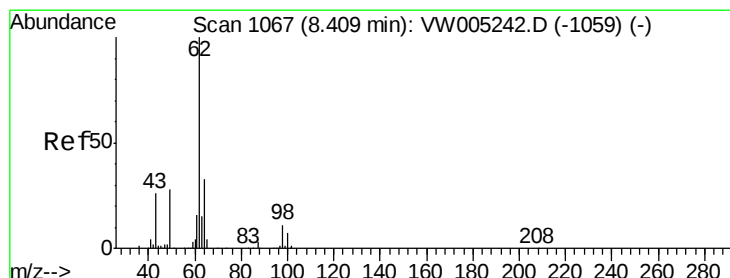
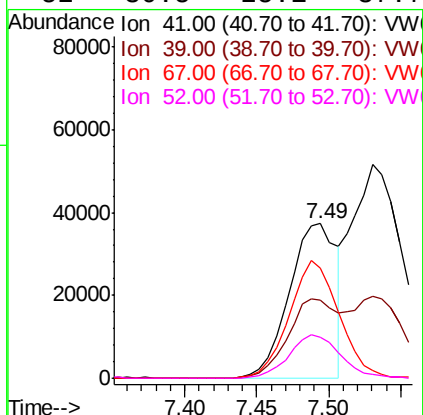
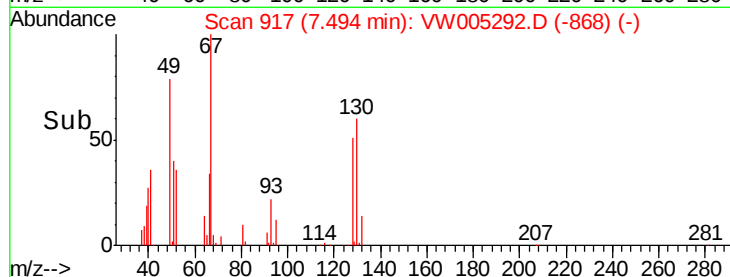
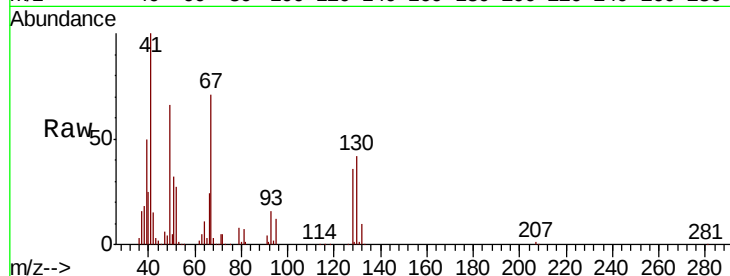
#41
Methacrylonitrile
Concen: 62.59 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.7	39.9	59.9
67	79.8	65.7	98.5
52	30.5	25.1	37.7

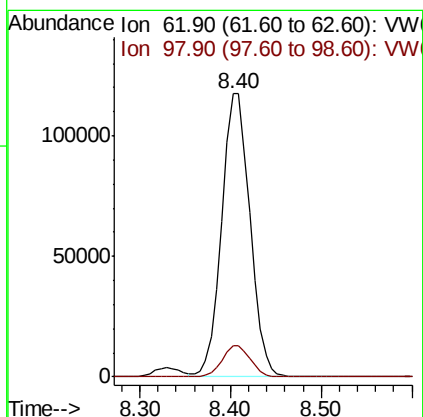
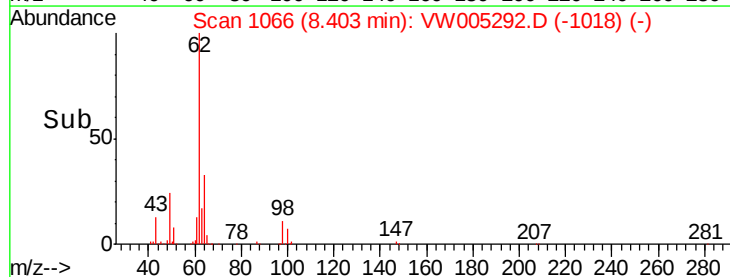
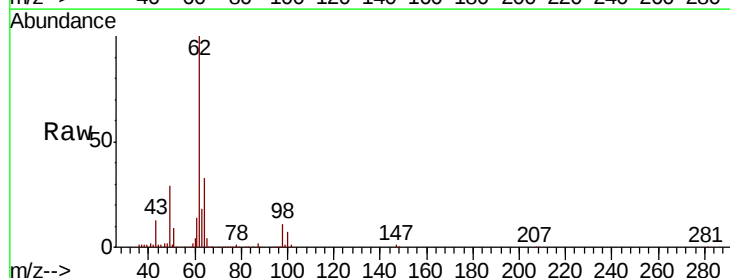
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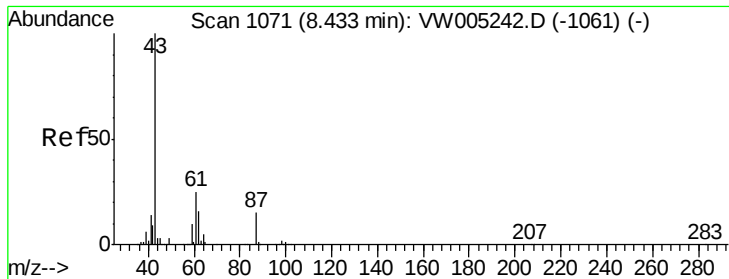
apatel
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#42
1,2-Dichloroethane
Concen: 51.57 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0





#43

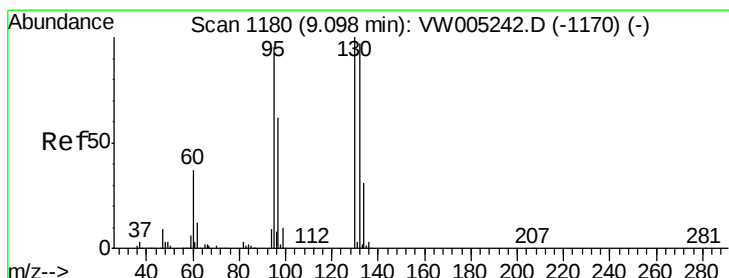
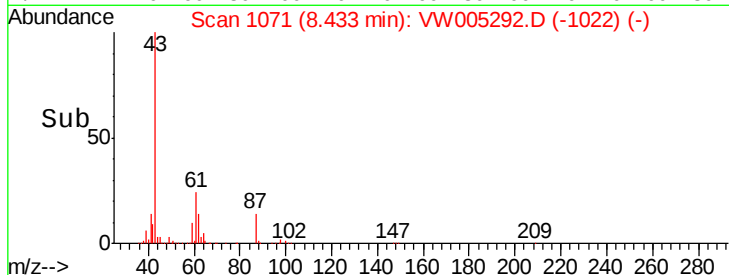
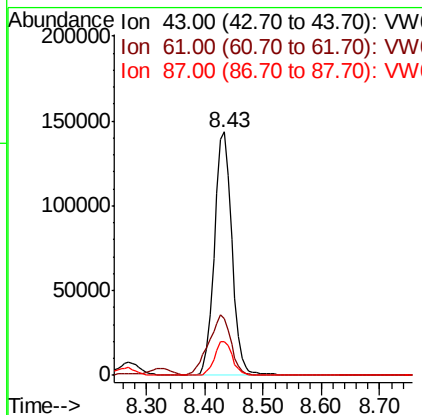
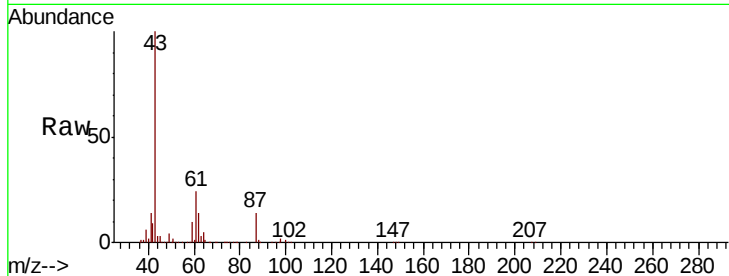
Isopropyl Acetate
 Concen: 59.65 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	296575		
61	31.2		25.4	38.0
87	14.2		11.9	17.9

Manual Integrations
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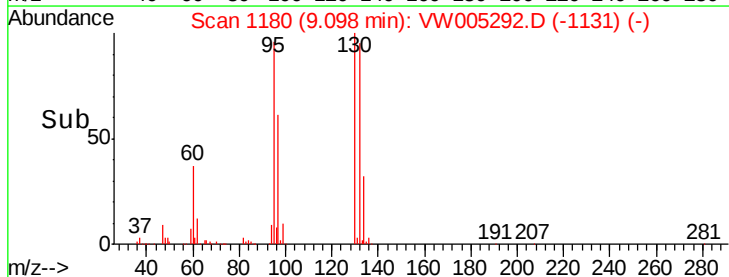
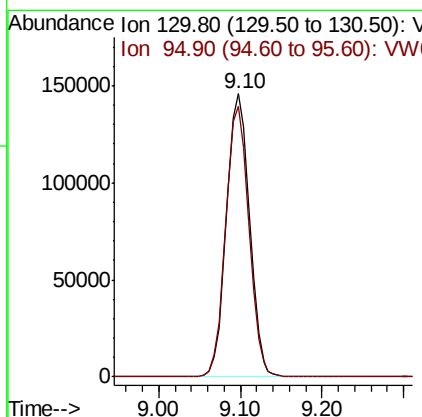
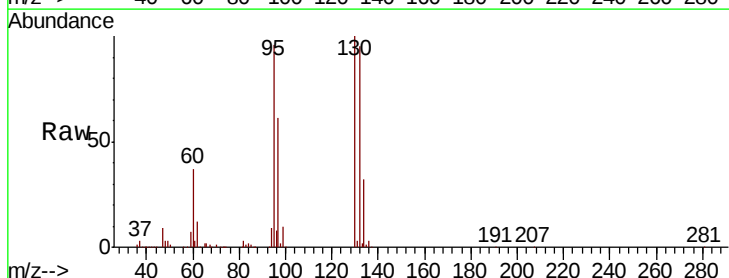
apatel
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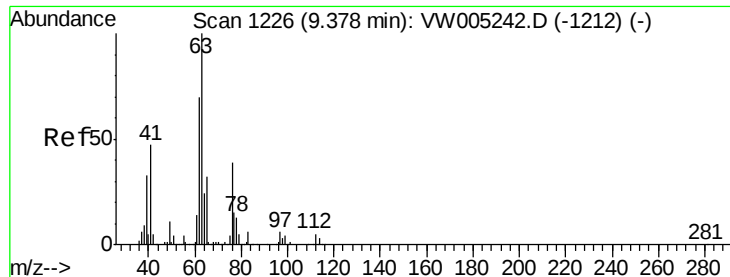


#44

Trichloroethene
 Concen: 50.16 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	285328		
95	95.7		0.0	189.6





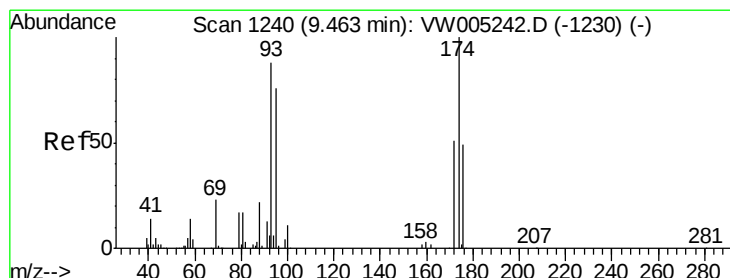
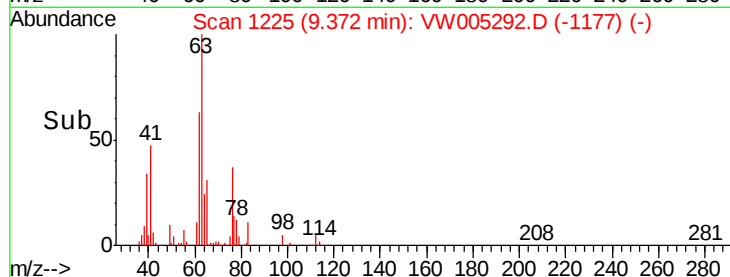
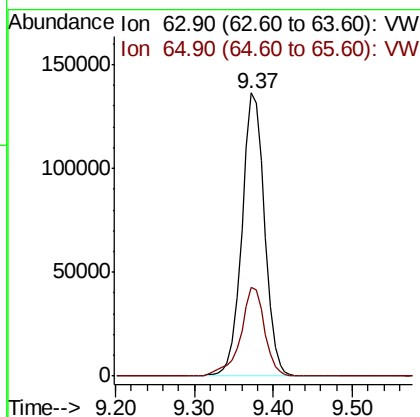
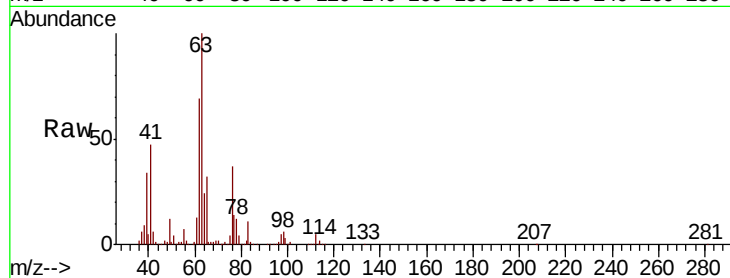
#45
 1,2-Dichloropropane
 Concen: 54.50 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.4	38.2

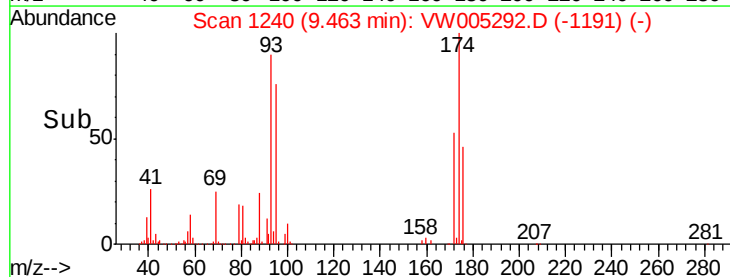
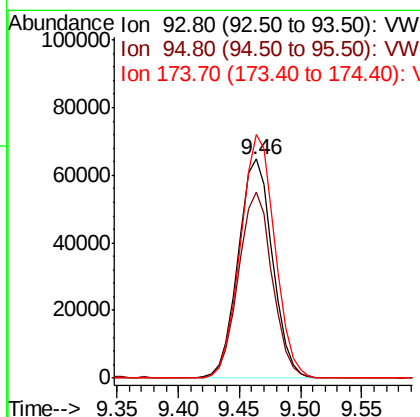
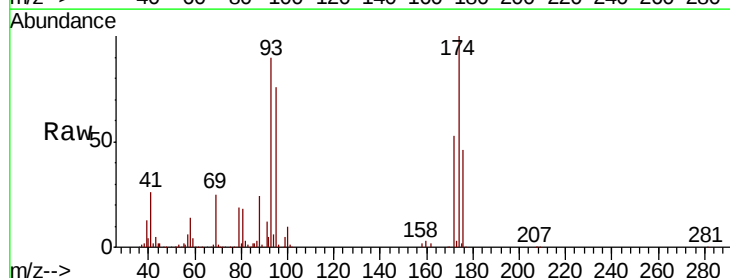
Manual Integrations
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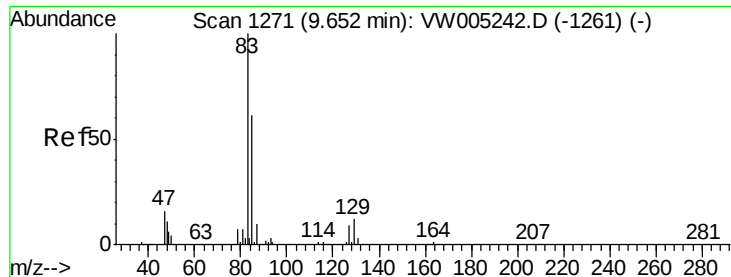
apatel
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#46
 Dibromomethane
 Concen: 51.63 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.0	100.4
174	111.7	92.2	138.2





#47

Bromodichloromethane

Concen: 51.19 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

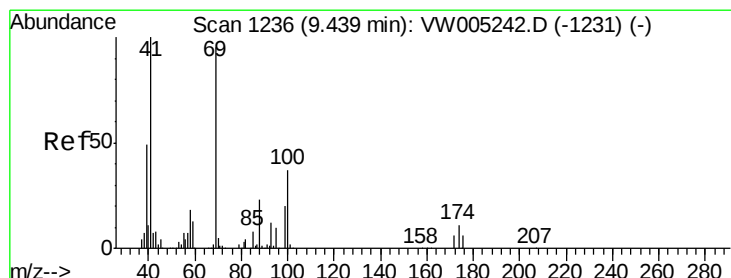
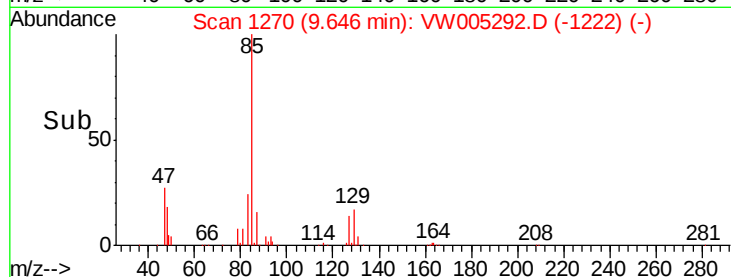
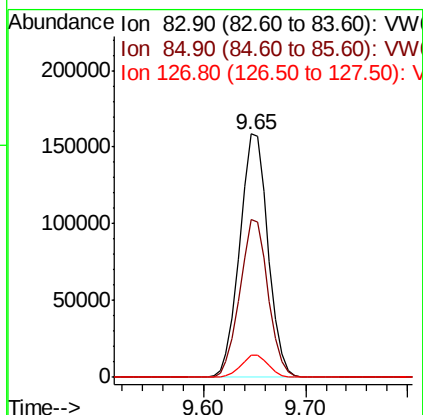
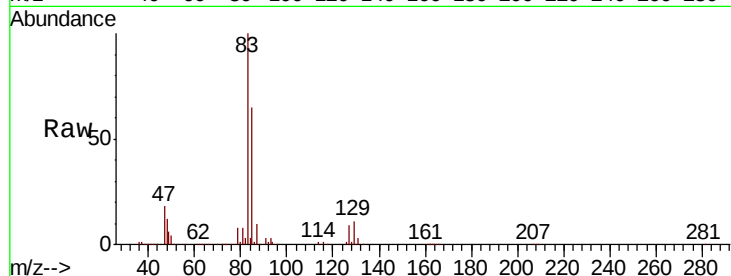
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	305507
Ion Ratio	Lower	Upper	
83	100		
85	65.0	49.0	73.6
127	9.0	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 58.46 ug/l

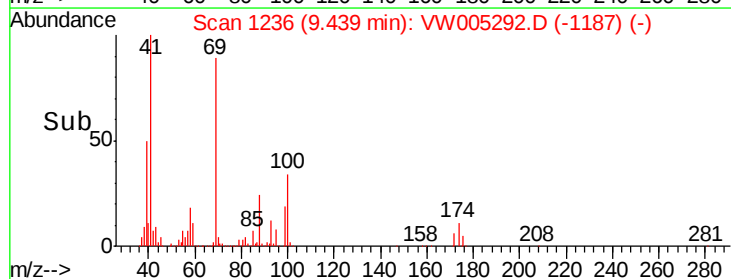
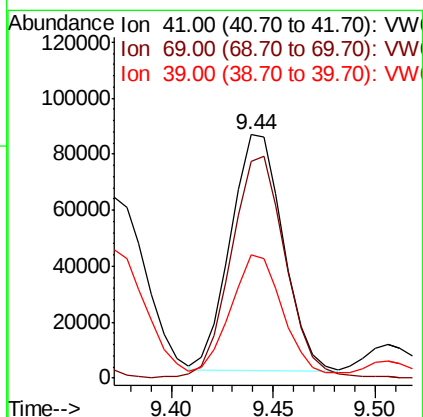
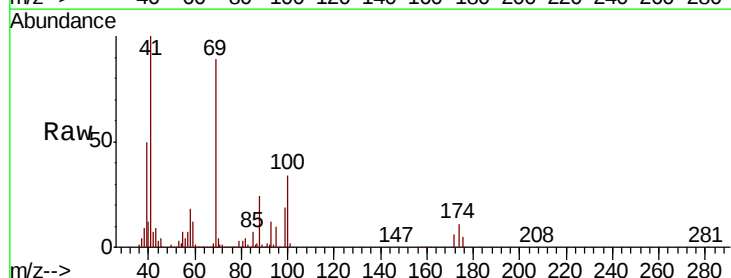
RT: 9.44 min Scan# 1236

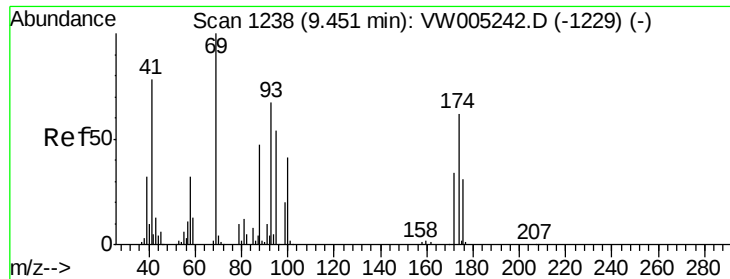
Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Tgt Ion:	41	Resp:	150921
Ion Ratio	Lower	Upper	
41	100		
69	98.0	74.6	112.0
39	52.9	36.7	55.1





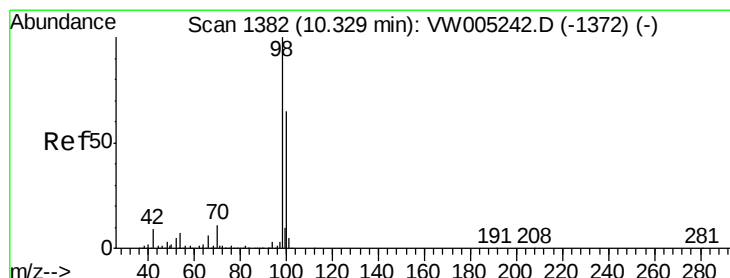
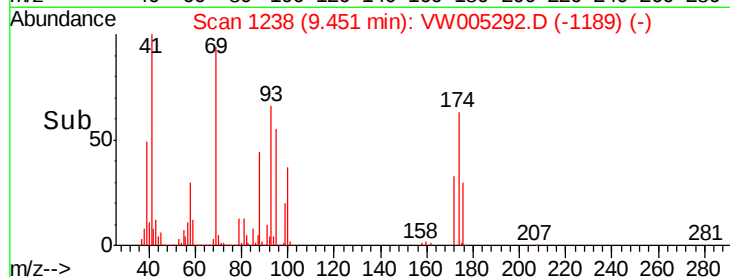
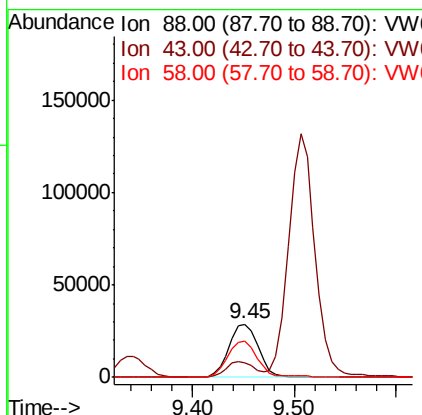
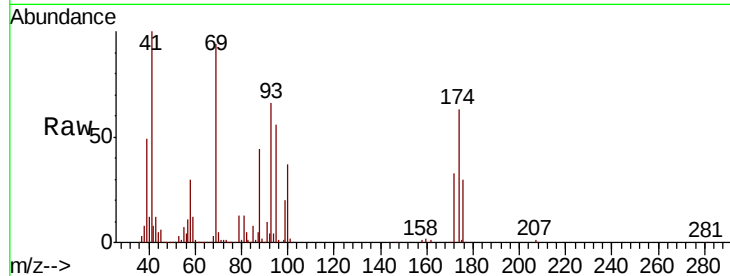
#49
1,4-Dioxane
Concen: 1264.92 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	22.7	34.1
58	68.4	56.6	85.0

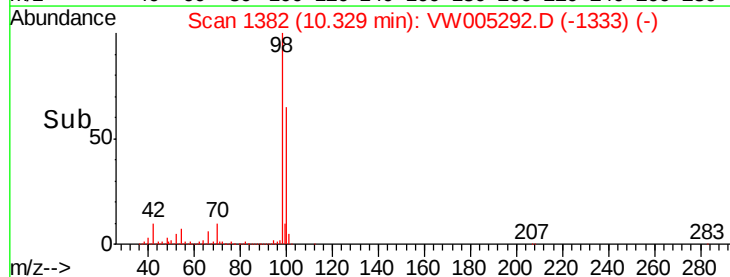
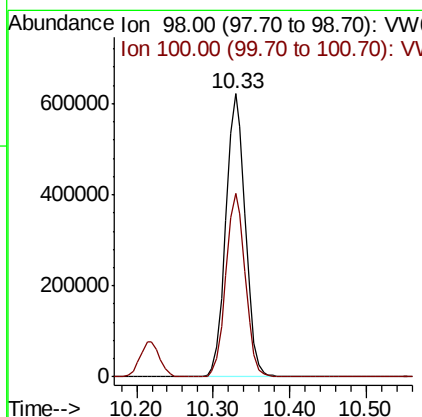
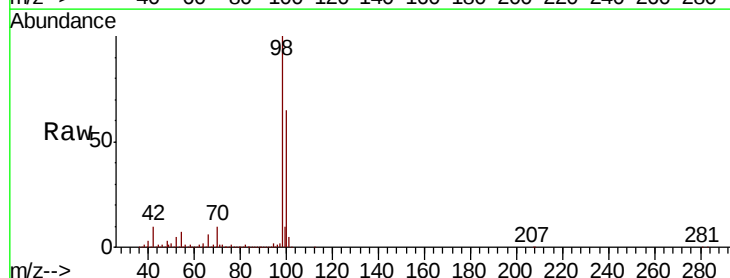
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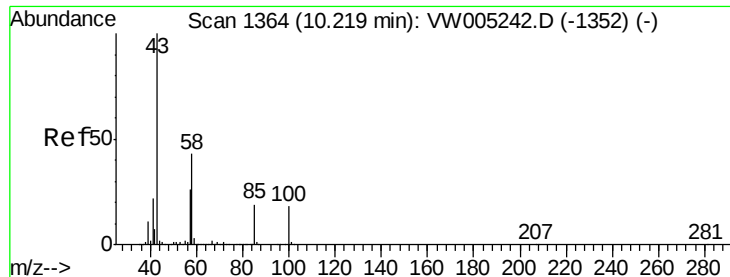
apatel
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#50
Toluene-d8
Concen: 53.65 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 301.83 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 844455

Ion Ratio Lower Upper

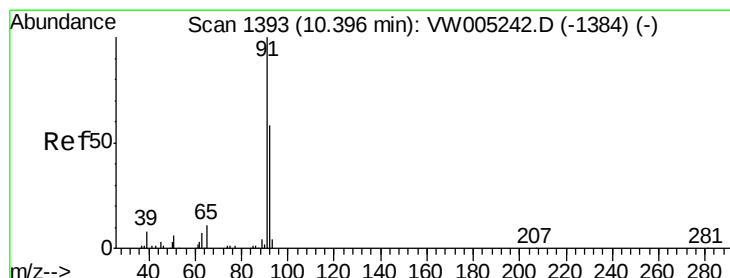
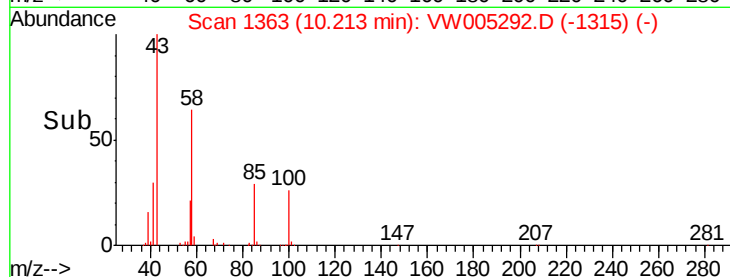
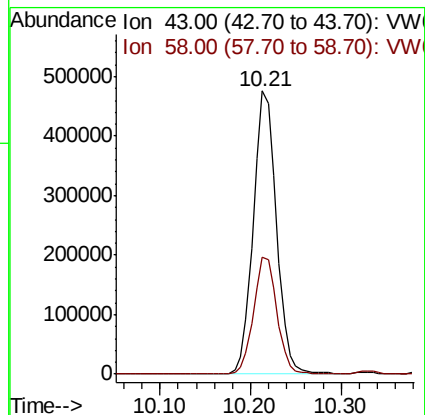
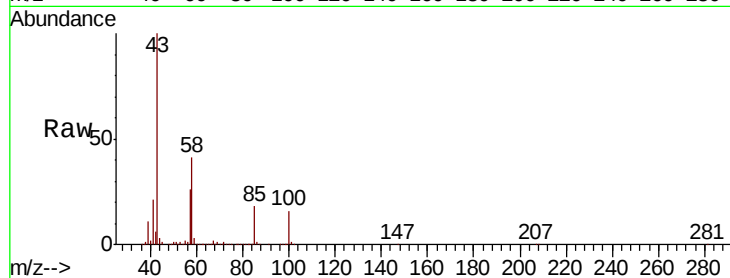
43 100

58 41.5 33.8 50.6

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#52

Toluene

Concen: 51.10 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005292.D

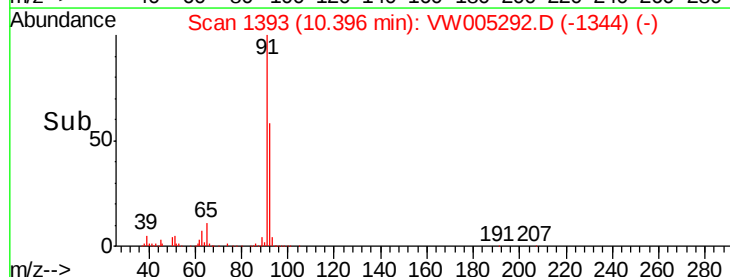
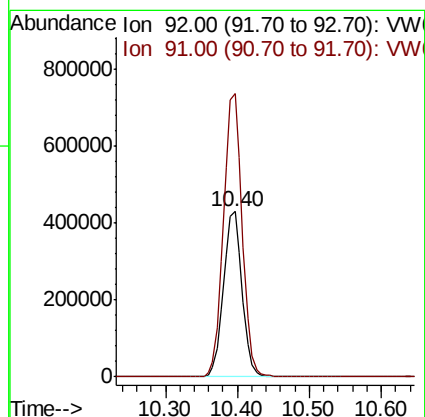
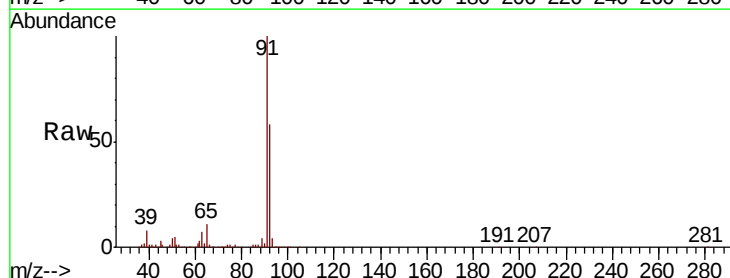
Acq: 11 Sep 2018 23:07

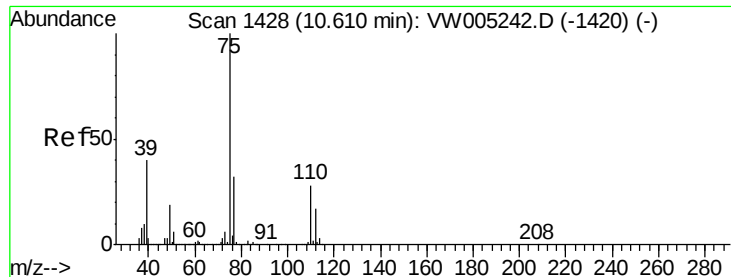
Tgt Ion: 92 Resp: 770163

Ion Ratio Lower Upper

92 100

91 172.4 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 52.20 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 336702

Ion Ratio Lower Upper

75 100

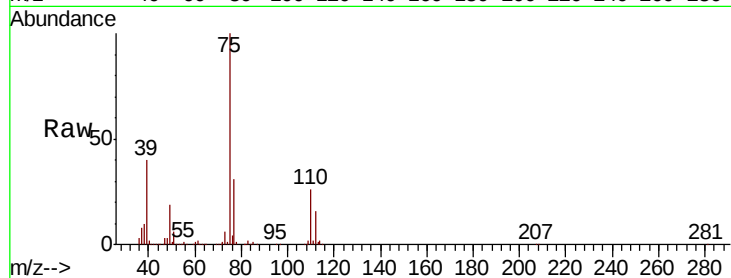
77 30.8 25.8 38.8

Manual Integrations

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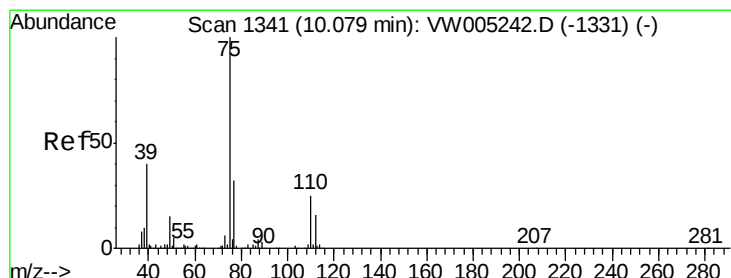
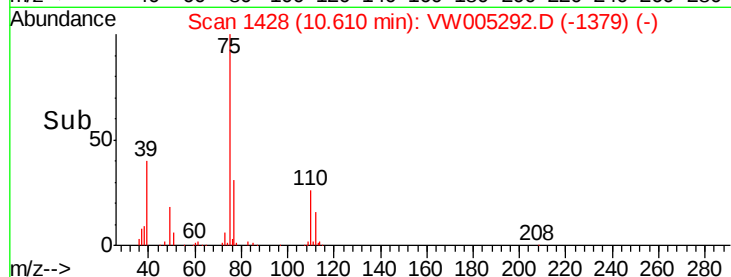
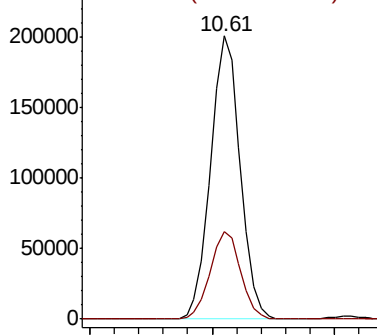
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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 51.28 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

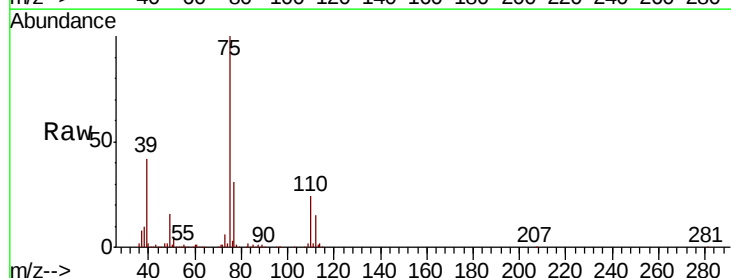
Tgt Ion: 75 Resp: 396106

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

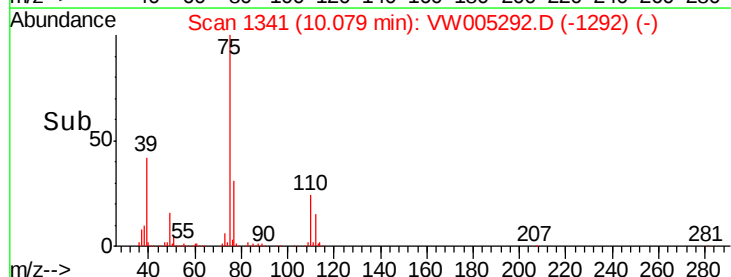
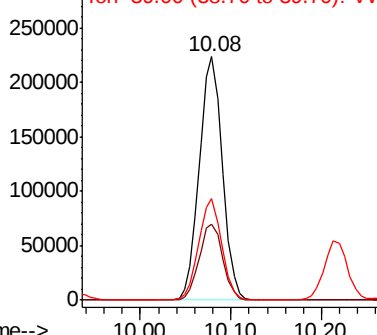
39 41.9 31.8 47.6

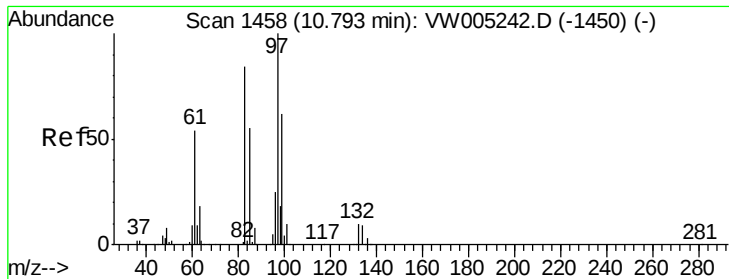


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





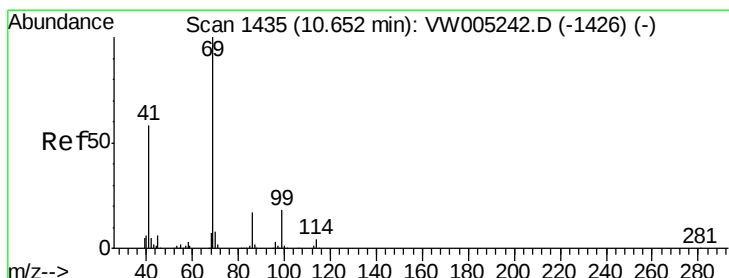
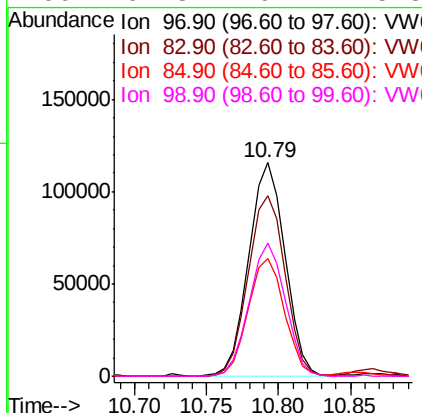
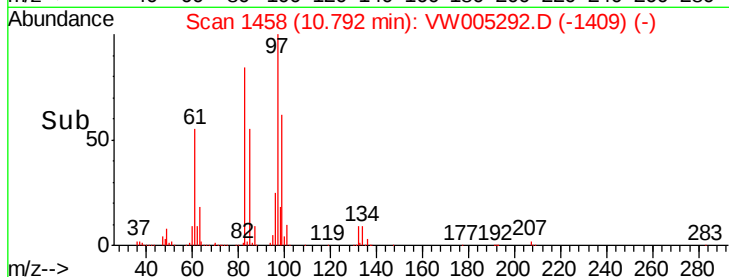
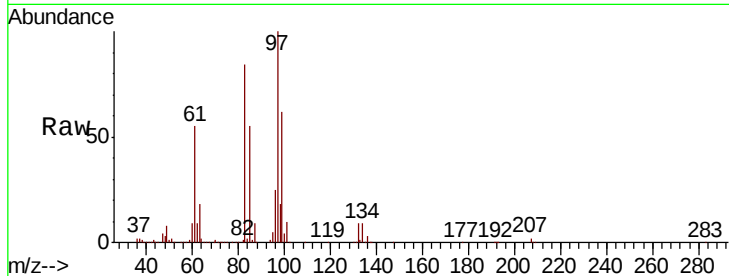
#55
 1,1,2-Trichloroethane
 Concen: 51.96 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		202112		
83	84.3	67.2	100.8		
85	55.3	44.4	66.6		
99	62.3	49.2	73.8		

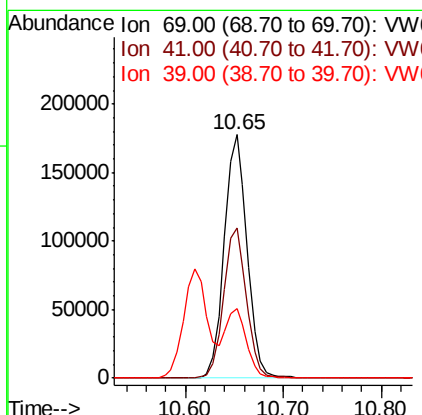
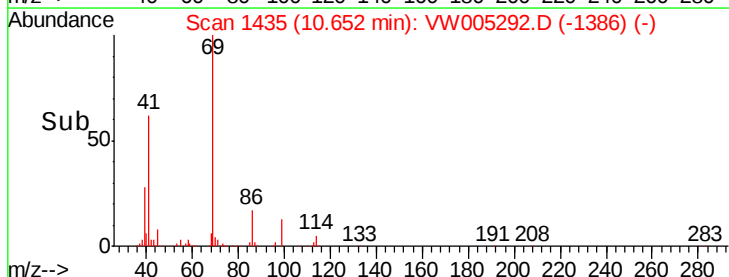
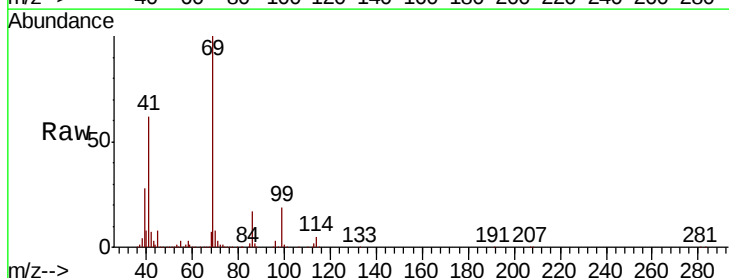
Manual Integrations
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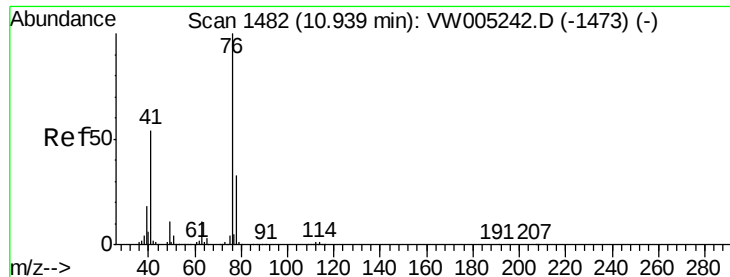
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#56
 Ethyl methacrylate
 Concen: 58.12 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		286636		
41	61.0	48.7	73.1		
39	26.4	20.9	31.3		





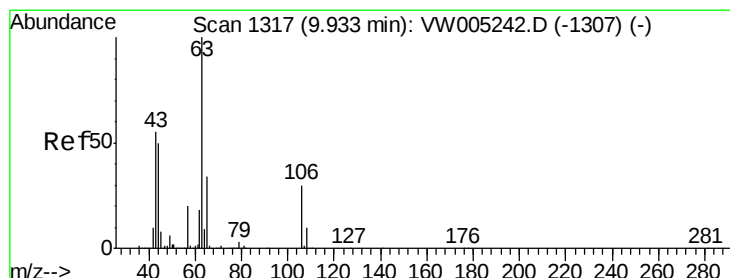
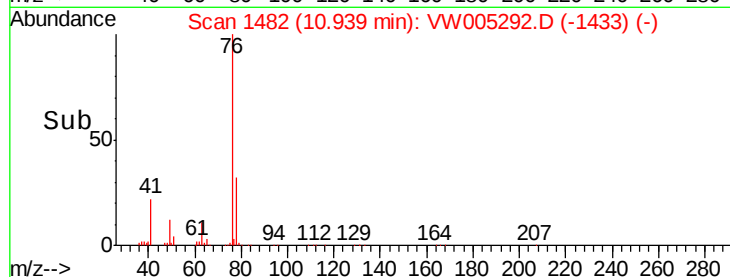
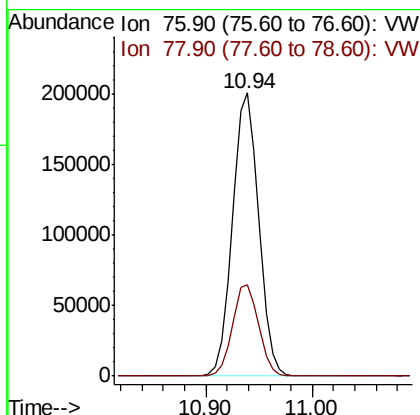
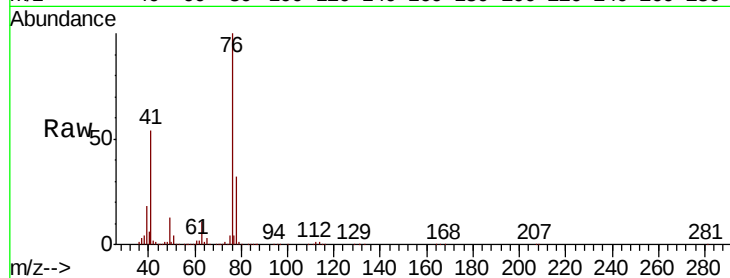
#57
 1,3-Dichloropropane
 Concen: 53.71 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0

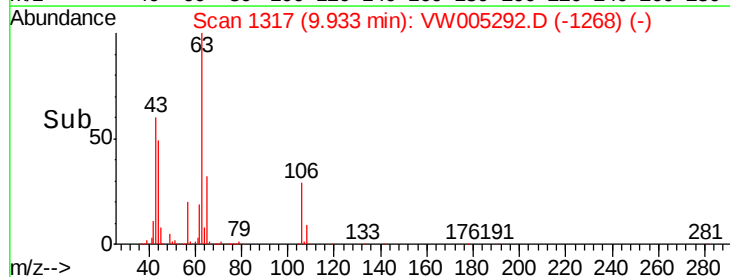
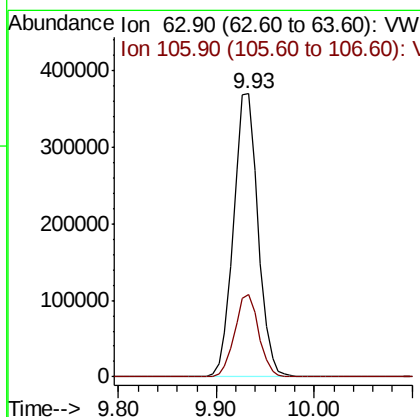
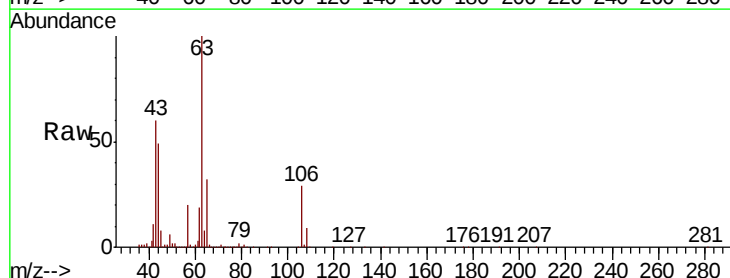
Manual Integrations
 APPROVED

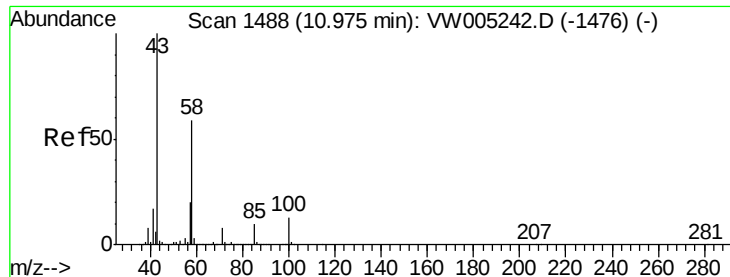
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 300.21 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	23.4	35.0





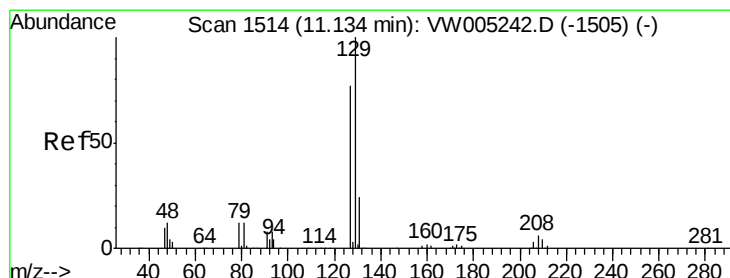
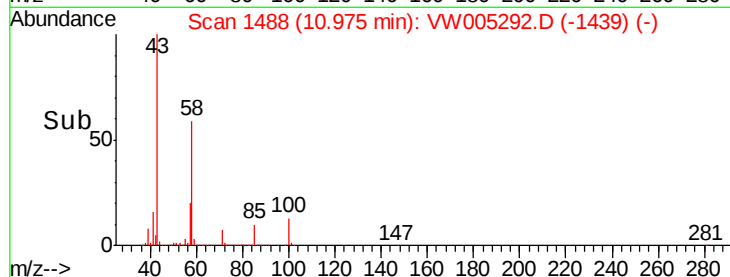
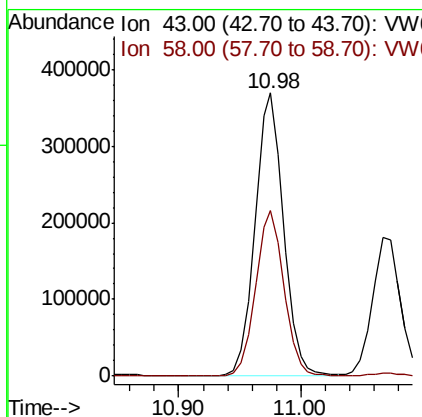
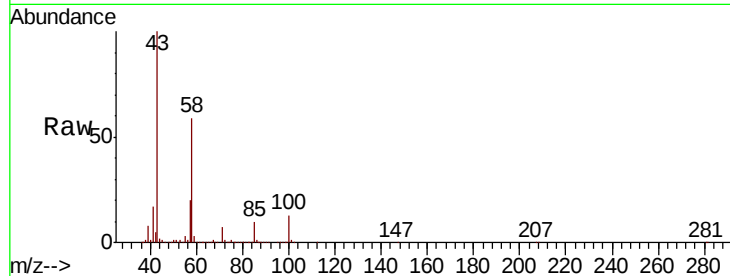
#59
2-Hexanone
Concen: 296.83 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	43	Resp	598694
Ion Ratio	100	Lower	Upper
43	100		
58	58.4	29.3	87.9

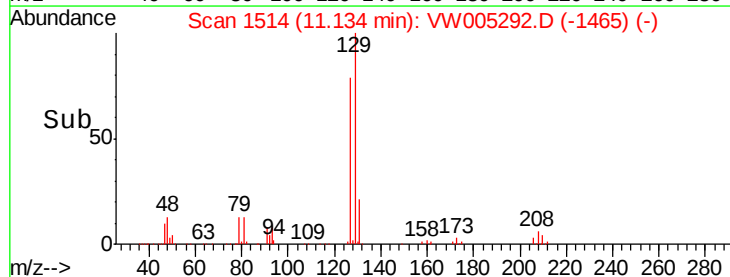
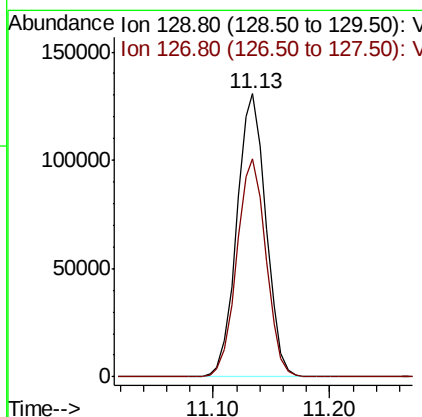
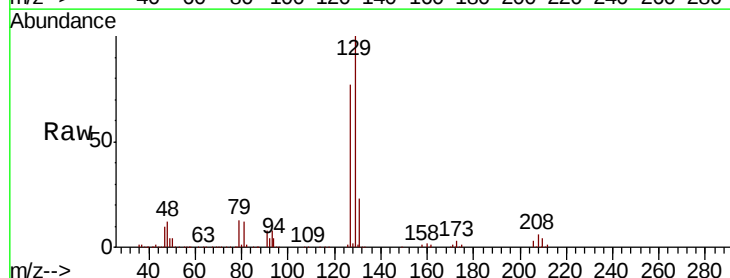
Manual Integrations
APPROVED

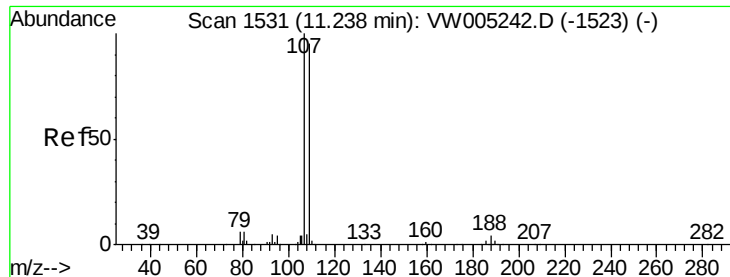
apatel
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#60
Dibromochloromethane
Concen: 52.65 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion	129	Resp	227273	
Ion Ratio	129	100	Lower	Upper
129	100			
127	77.7	39.0	117.0	





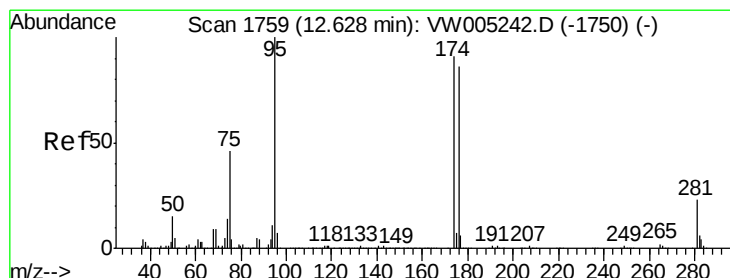
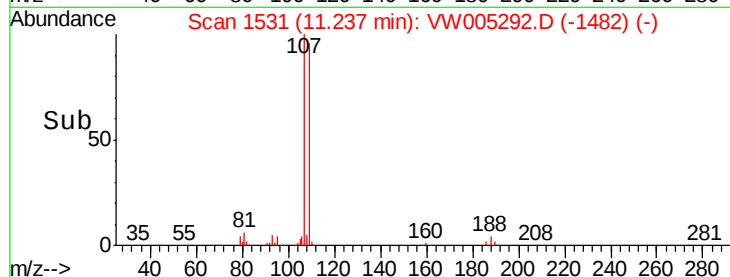
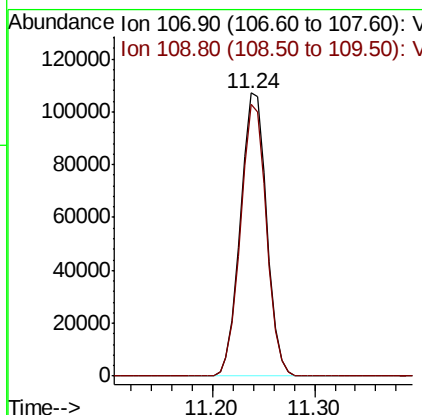
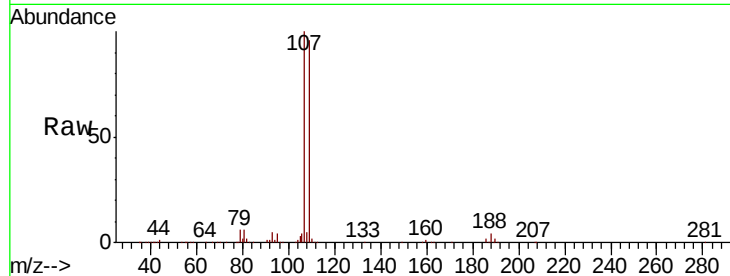
#61
 1,2-Dibromoethane
 Concen: 53.39 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.7	113.5

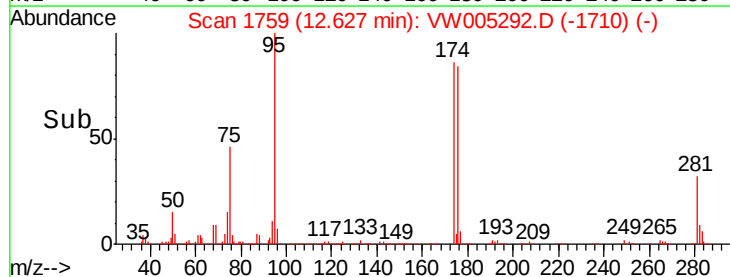
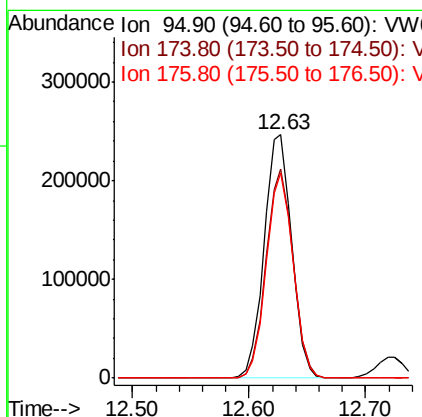
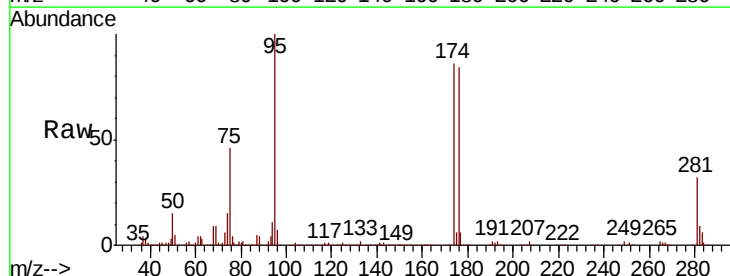
Manual Integrations
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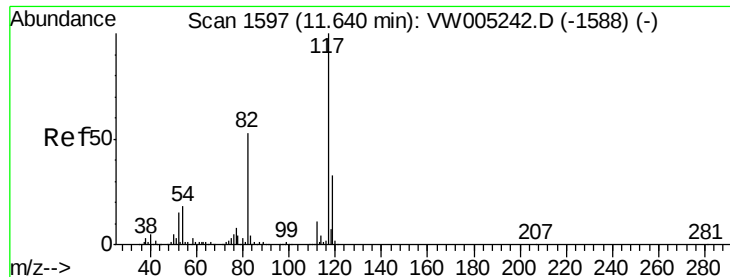
apatel
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#62
 4-Bromofluorobenzene
 Concen: 54.06 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	174.6
176	81.9	0.0	167.6





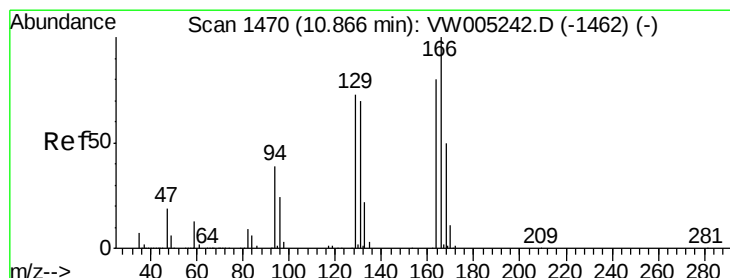
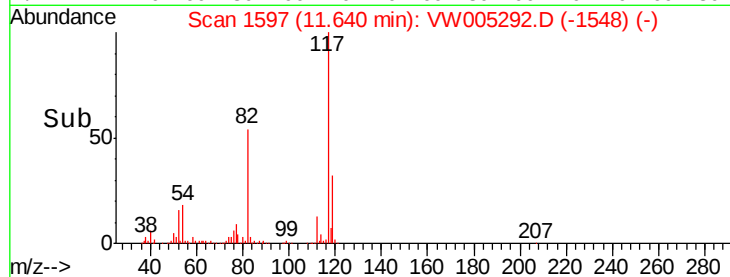
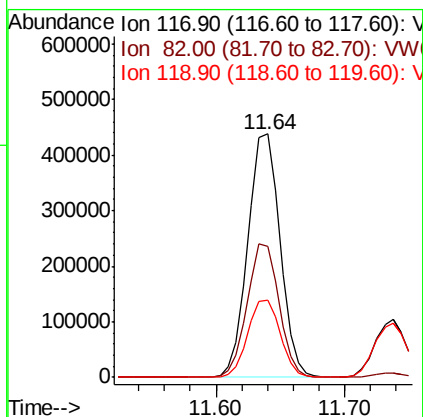
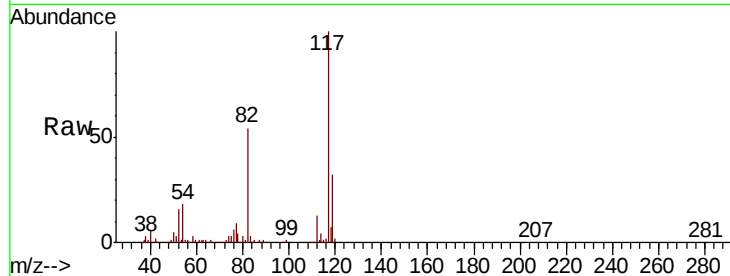
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	756518		
82	54.0		42.6	63.8
119	31.9		26.2	39.4

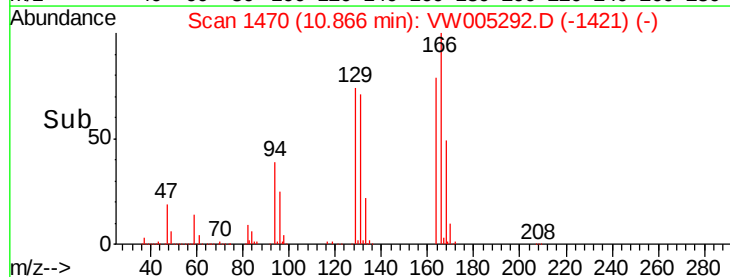
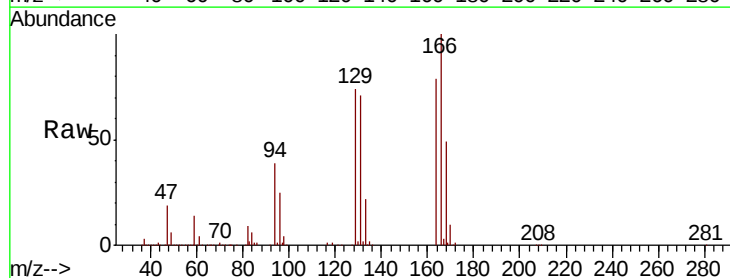
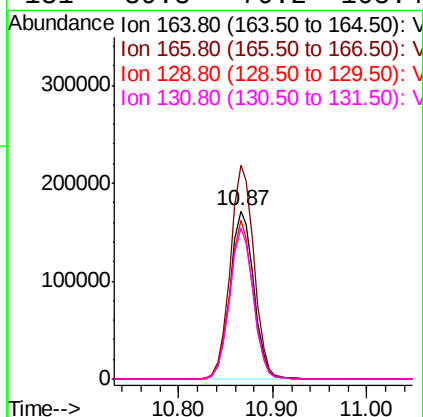
Manual Integrations
APPROVED

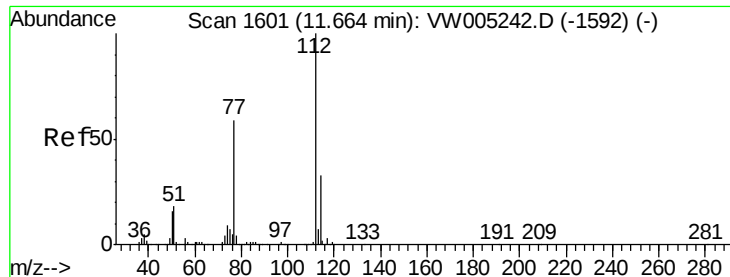
apatel
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#64
Tetrachloroethene
Concen: 53.30 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	299144		
166	127.3		100.2	150.2
129	94.5		73.2	109.8
131	89.8		70.2	105.4





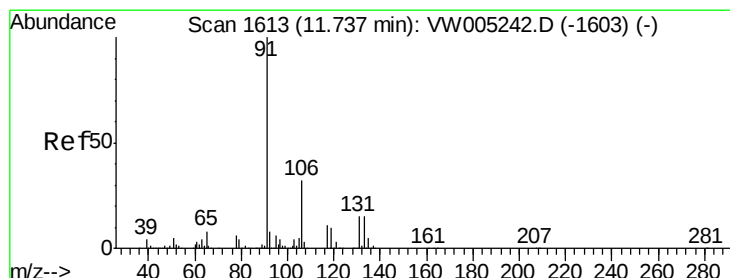
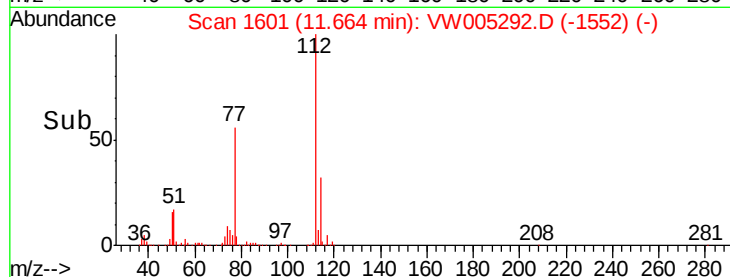
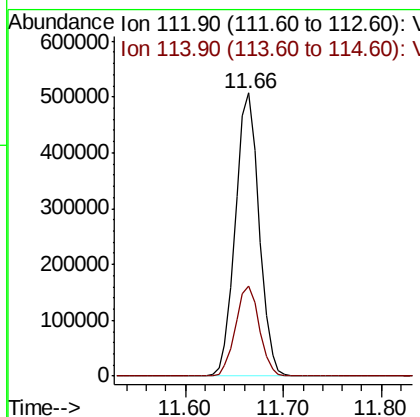
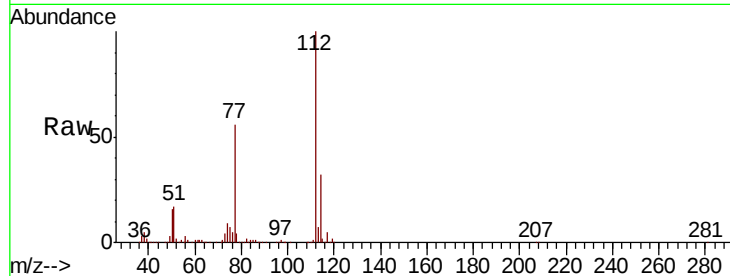
#65
Chlorobenzene
Concen: 51.61 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	855258		
114	31.9	26.2	39.4	

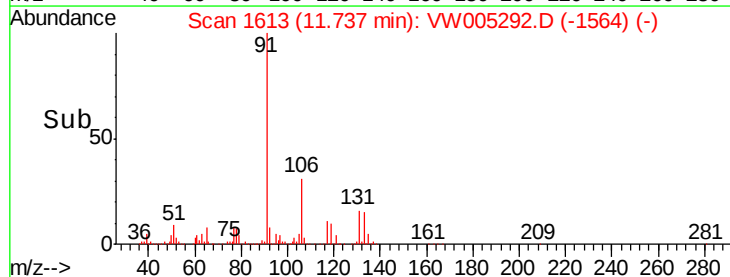
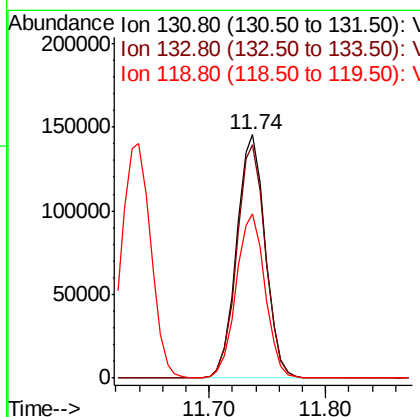
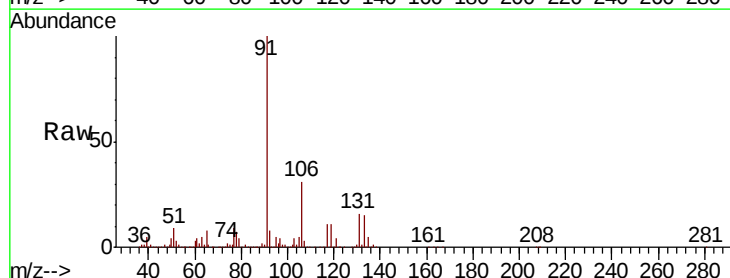
Manual Integrations
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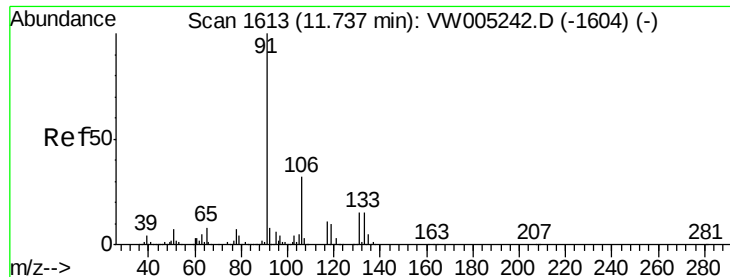
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.28 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	248820		
133	96.0	48.1	144.3	
119	68.3	33.4	100.1	





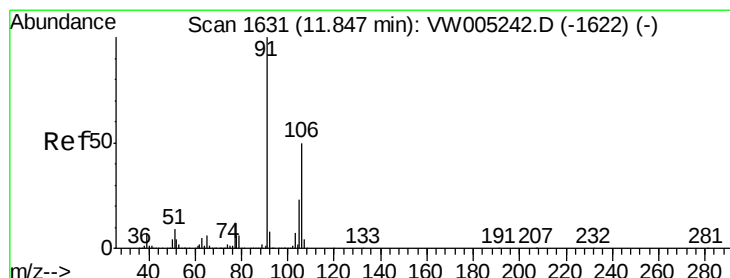
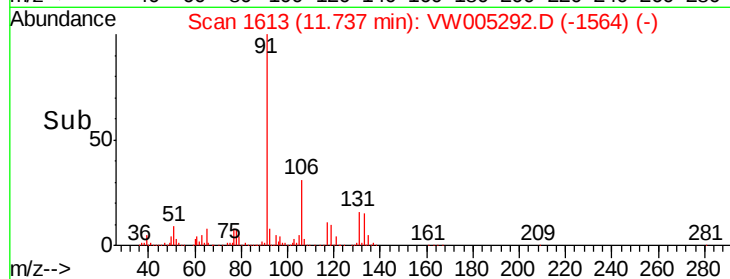
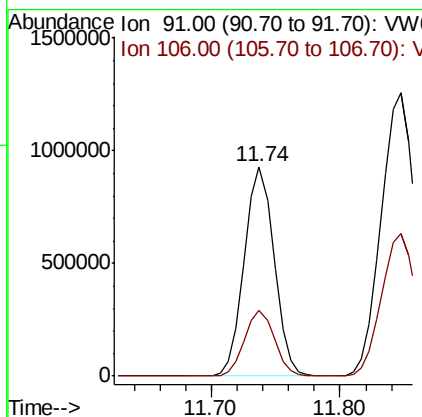
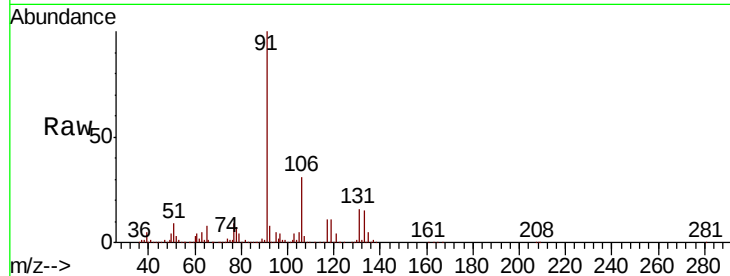
#67
Ethyl Benzene
Concen: 51.66 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1490846
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

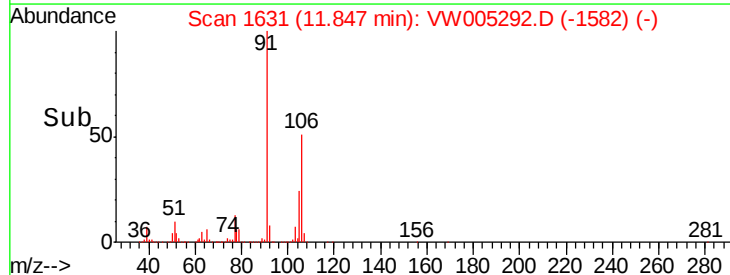
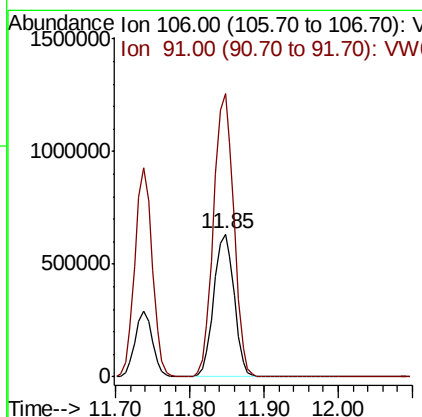
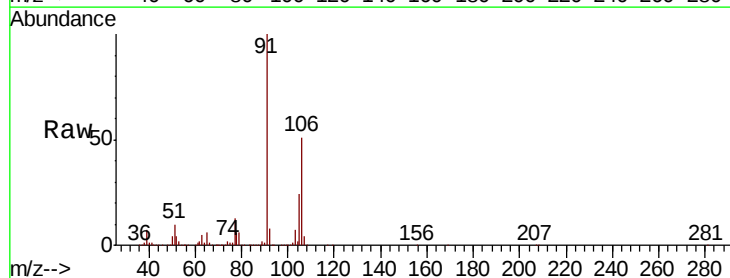
Manual Integrations
APPROVED

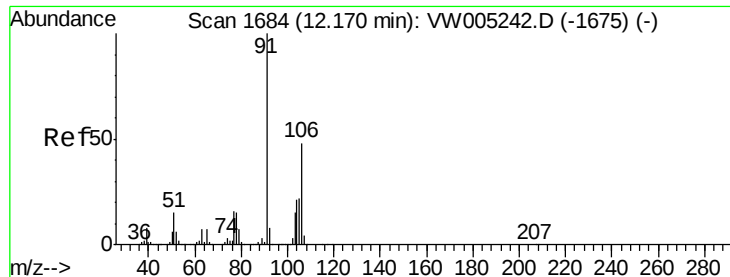
apatel
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#68
m/p-Xylenes
Concen: 102.25 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion: 106 Resp: 1189195
Ion Ratio Lower Upper
106 100
91 198.0 160.2 240.2





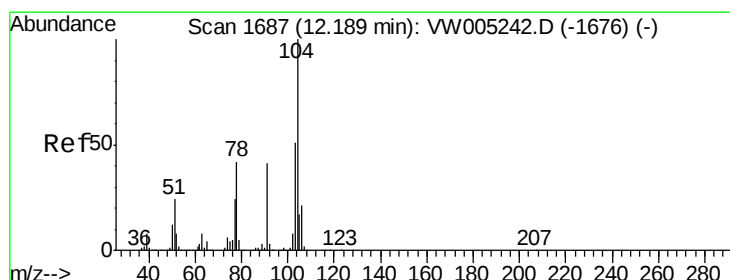
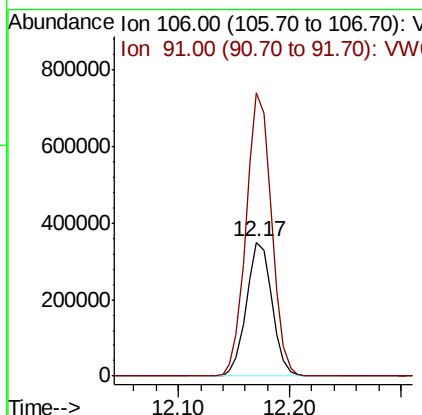
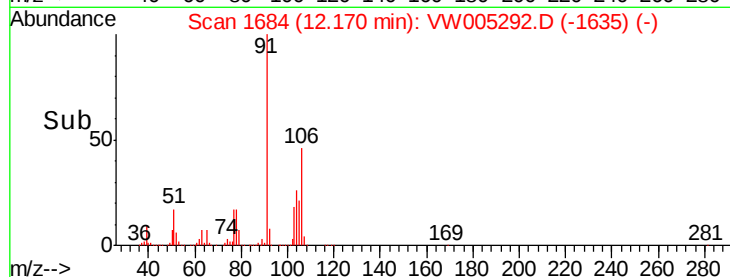
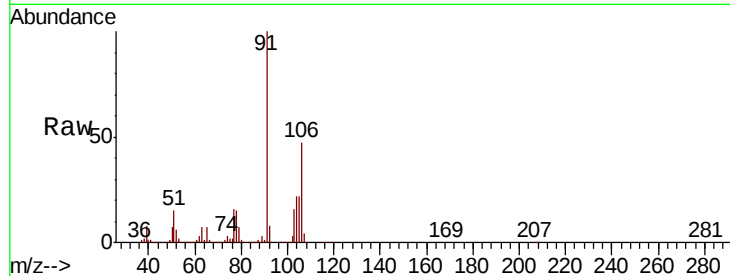
#69
o-Xylene
Concen: 51.63 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 558635
Ion Ratio Lower Upper
106 100
91 210.4 104.1 312.3

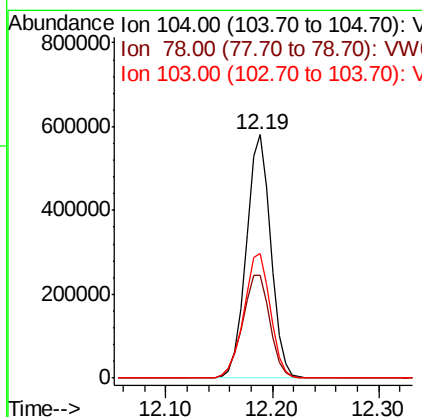
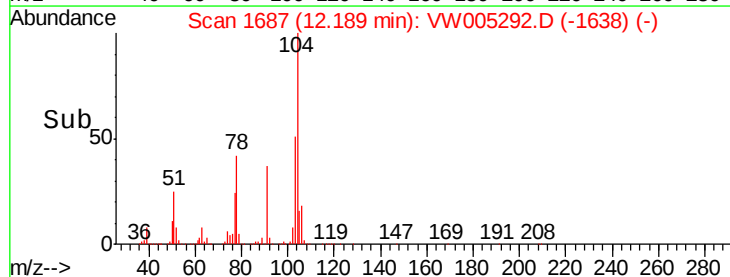
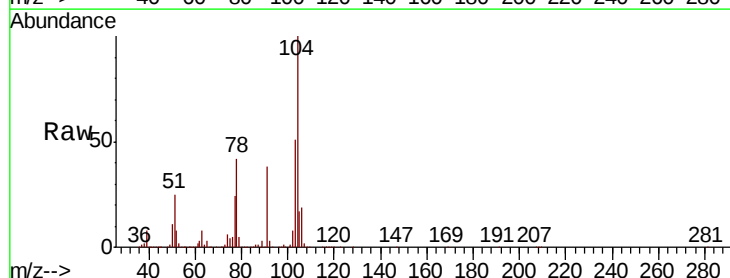
Manual Integrations
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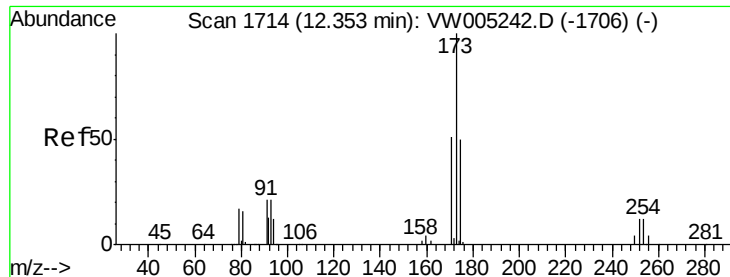
apatel
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#70
Styrene
Concen: 53.11 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion:104 Resp: 937786
Ion Ratio Lower Upper
104 100
78 47.5 37.4 56.2
103 55.7 44.1 66.1





#71

Bromoform

Concen: 53.03 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

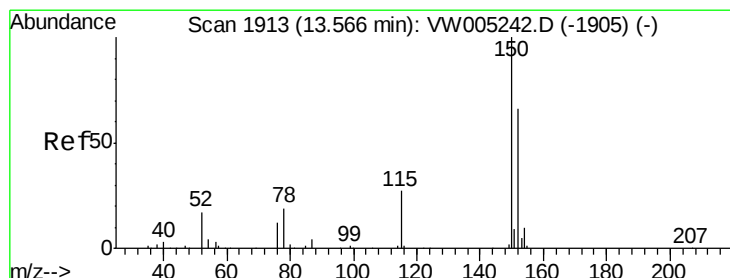
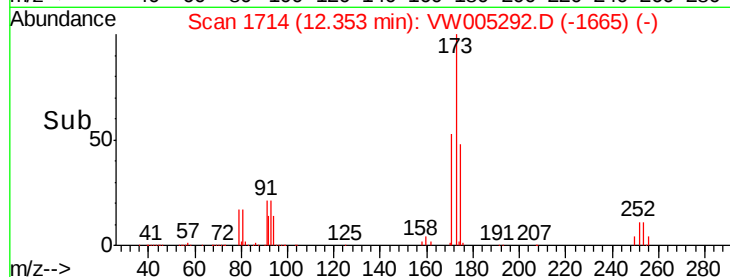
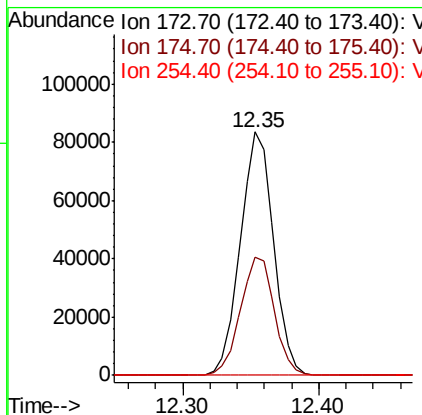
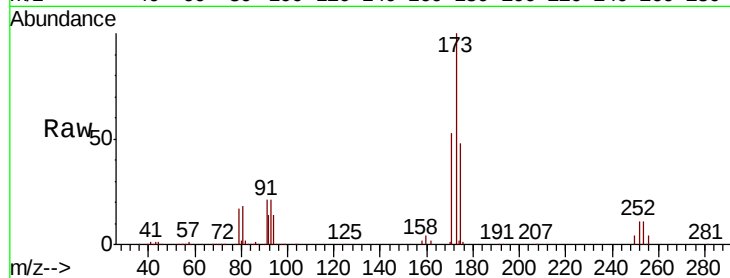
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	142285
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.9	74.6
254	0.1	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

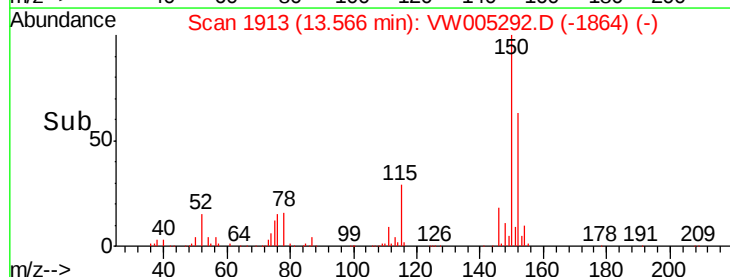
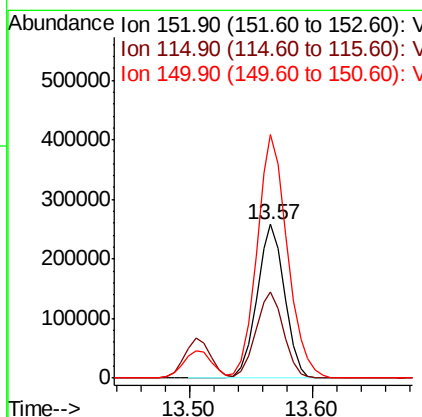
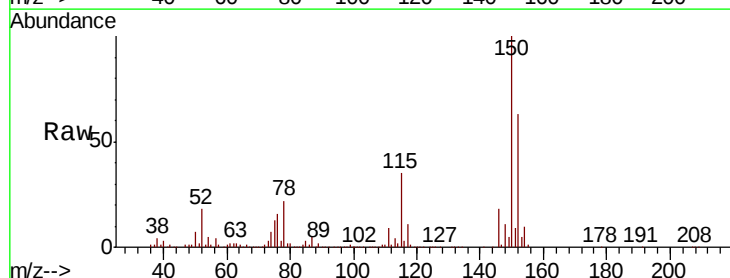
RT: 13.57 min Scan# 1913

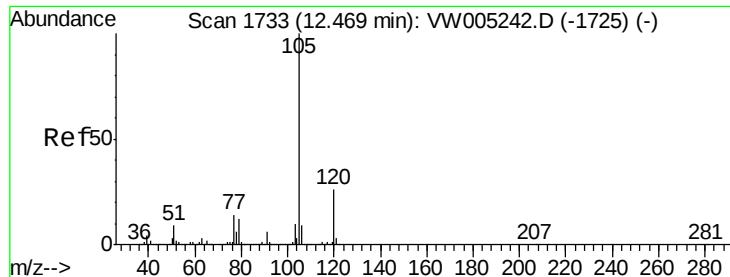
Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Tgt Ion:	152	Resp:	404866
Ion Ratio	Lower	Upper	
152	100		
115	56.1	27.5	82.4
150	174.5	0.0	347.4





#73

Isopropylbenzene

Concen: 51.98 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 105 Resp: 1486803

Ion Ratio Lower Upper

105 100

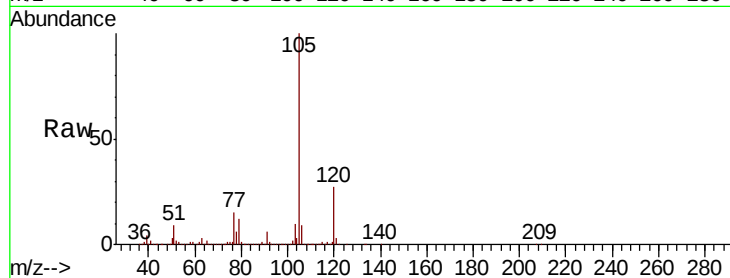
120 26.8 13.4 40.1

Manual Integrations

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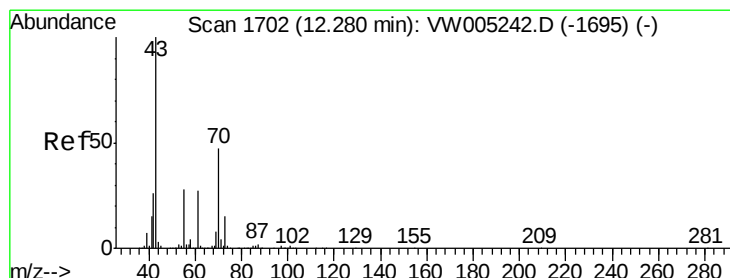
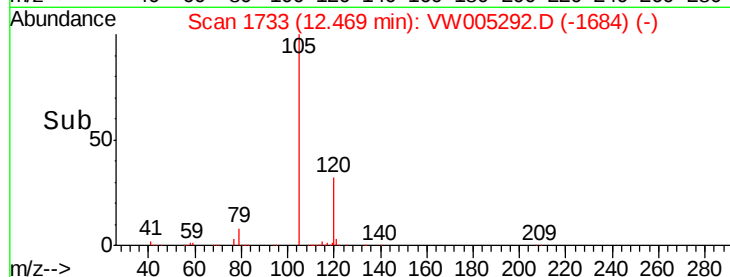
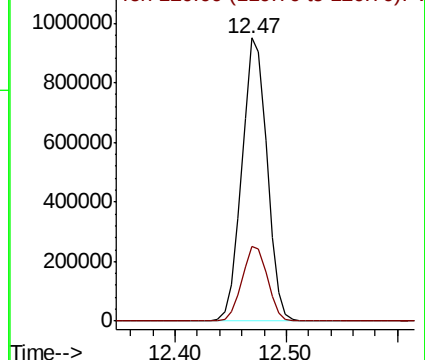
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 60.93 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Tgt Ion: 43 Resp: 331619

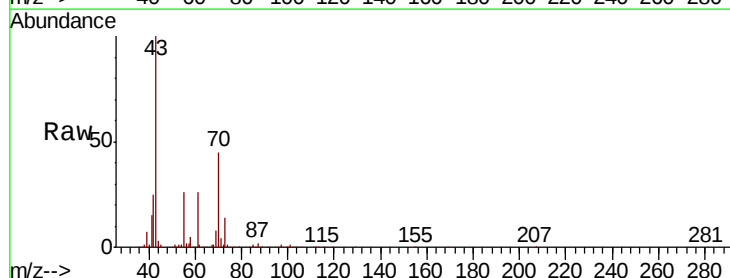
Ion Ratio Lower Upper

43 100

70 45.6 37.9 56.9

55 26.8 22.6 33.8

61 25.9 20.9 31.3

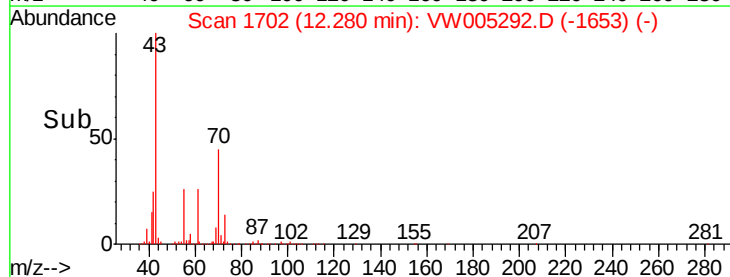
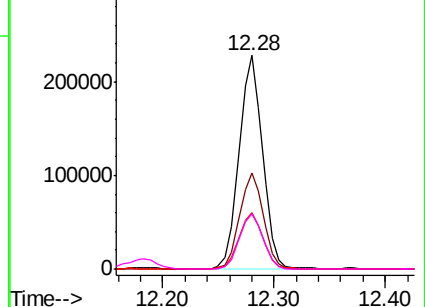


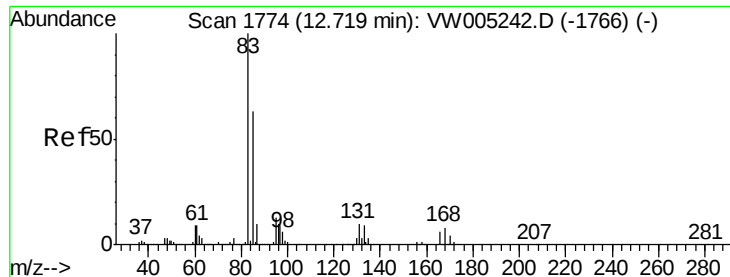
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 57.15 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

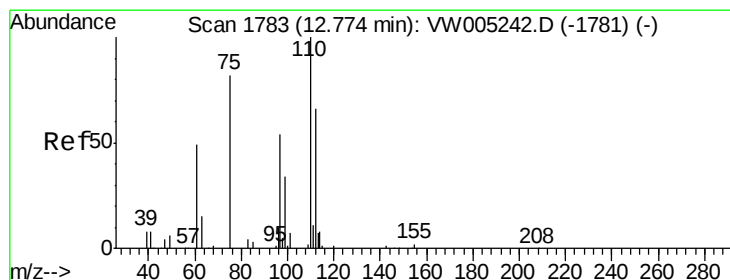
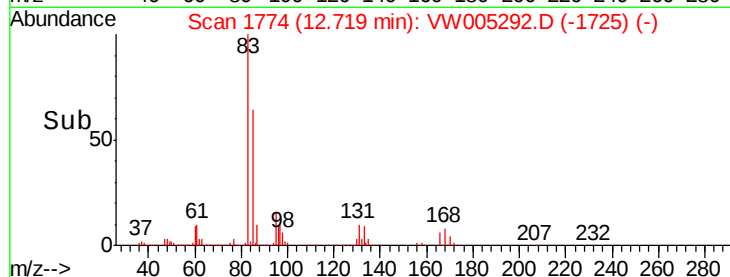
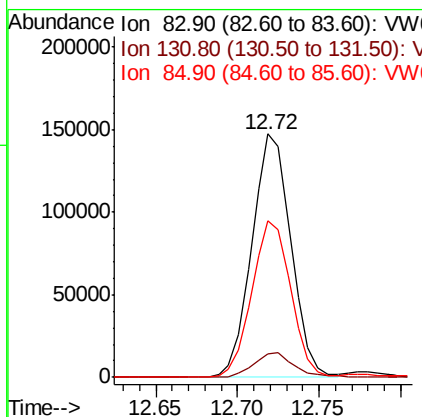
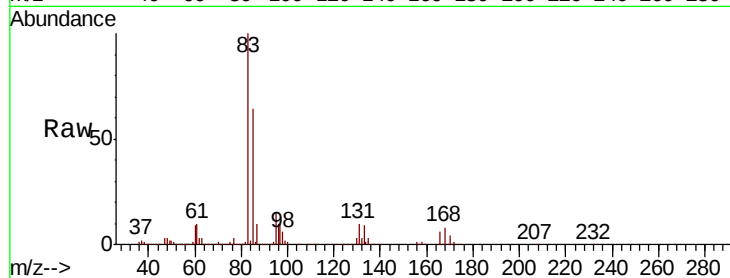
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	245701
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.5	16.4
85	64.1	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.92 ug/l m

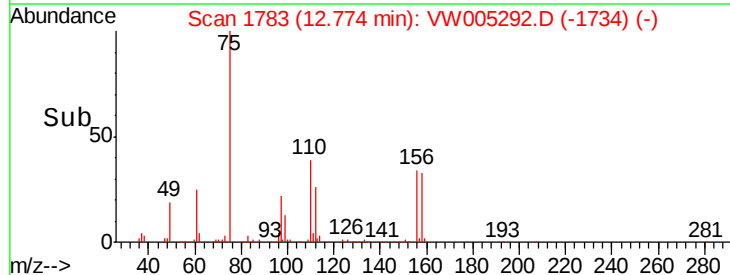
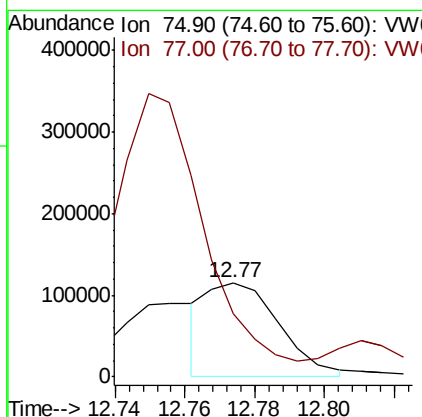
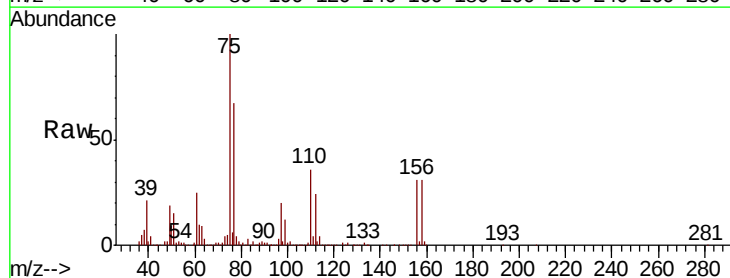
RT: 12.77 min Scan# 1783

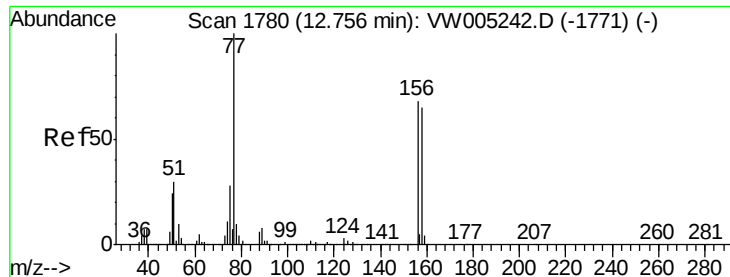
Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Tgt Ion:	75	Resp:	167916
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.86 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

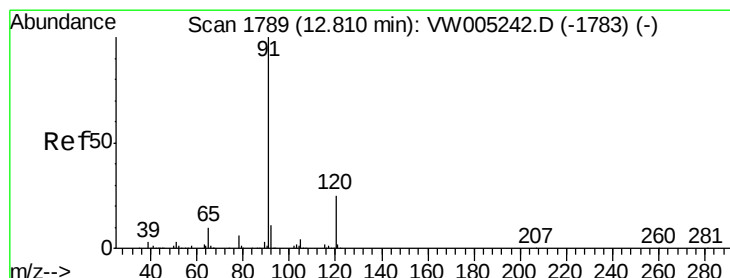
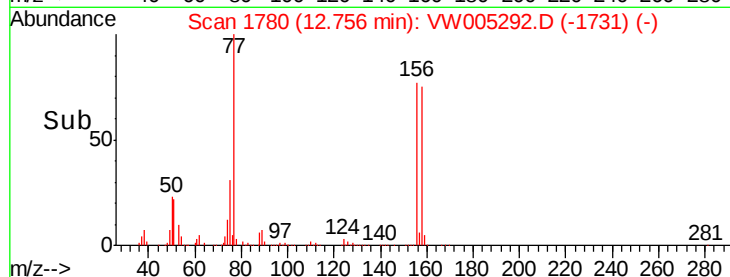
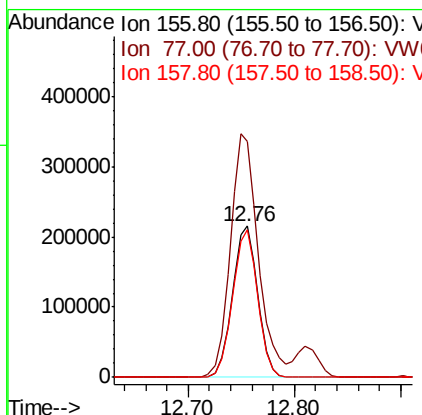
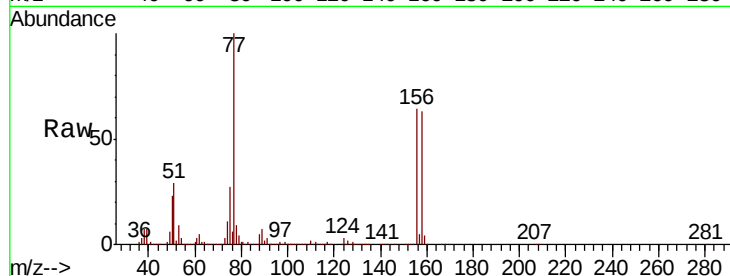
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	356215
Ion Ratio	Lower	Upper	
156	100		
77	178.3	86.3	258.8
158	96.8	48.6	145.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.24 ug/l

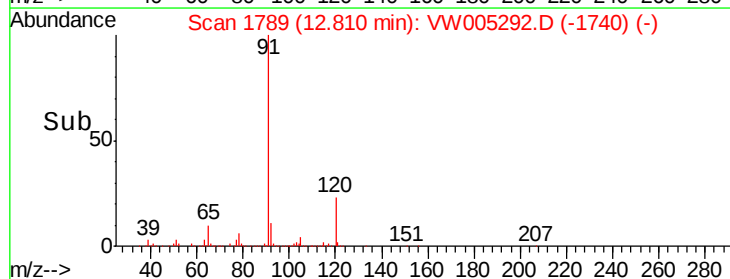
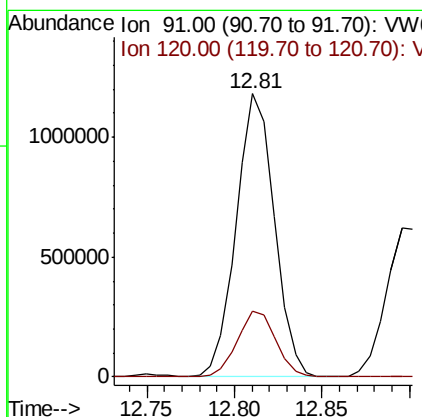
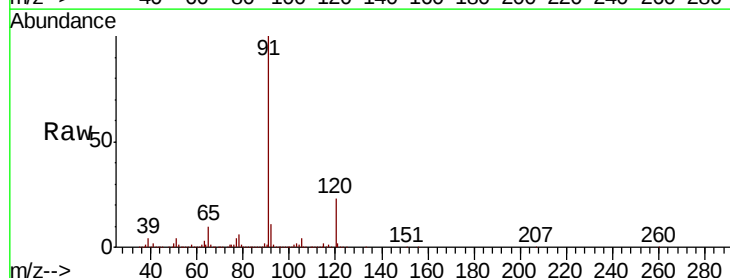
RT: 12.81 min Scan# 1789

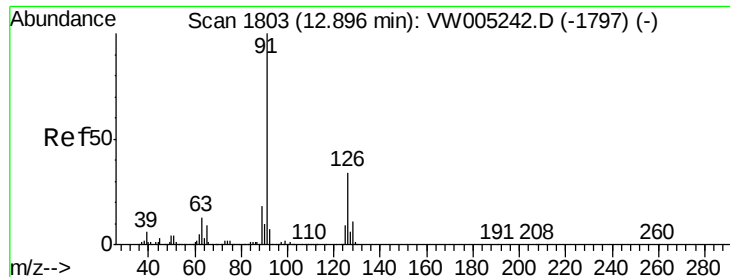
Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Tgt Ion:	91	Resp:	1794613
Ion Ratio	Lower	Upper	
91	100		
120	23.4	12.0	36.0





#79

2-Chlorotoluene

Concen: 52.50 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005292.D

Acq: 11 Sep 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1034242

Ion Ratio Lower Upper

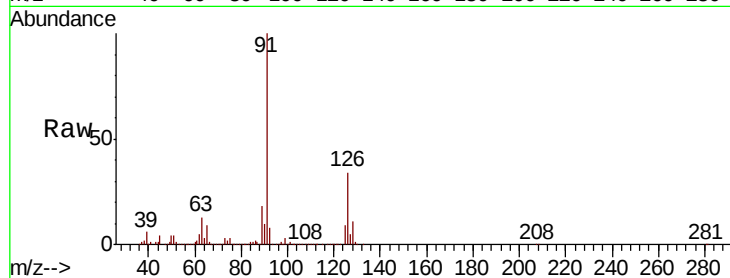
91 100

126 34.5 17.2 51.5

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

800000

600000

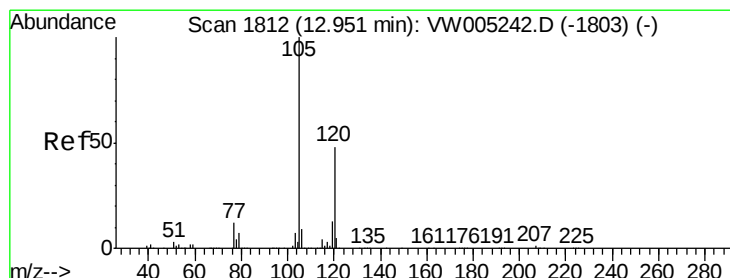
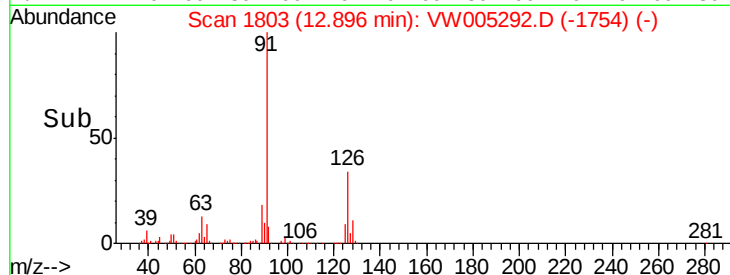
400000

200000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.50 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005292.D

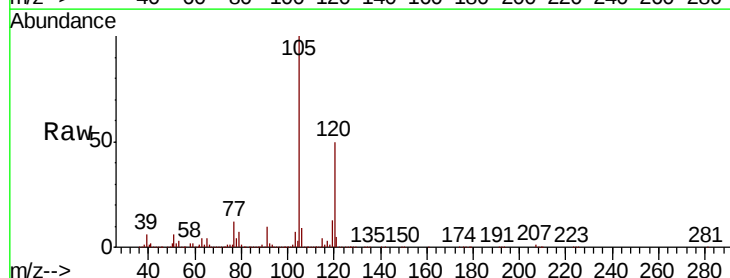
Acq: 11 Sep 2018 23:07

Tgt Ion:105 Resp: 1278723

Ion Ratio Lower Upper

105 100

120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

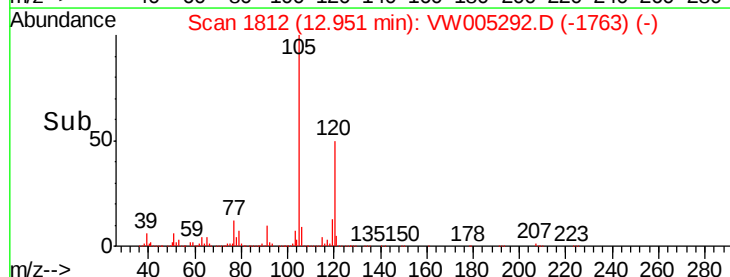
400000

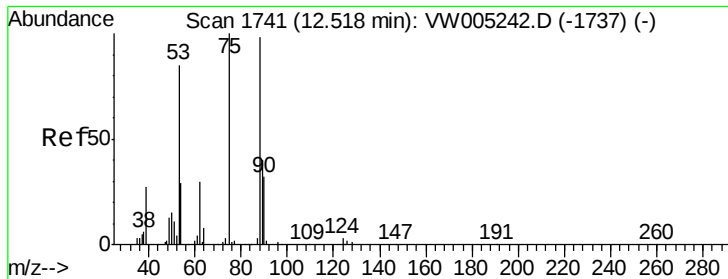
200000

0

12.90 12.95 13.00

Time-->





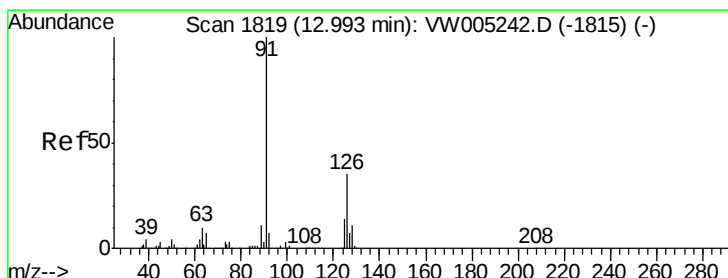
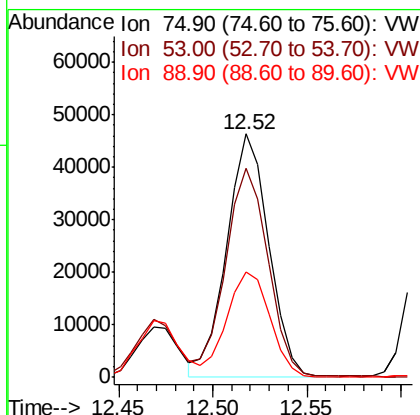
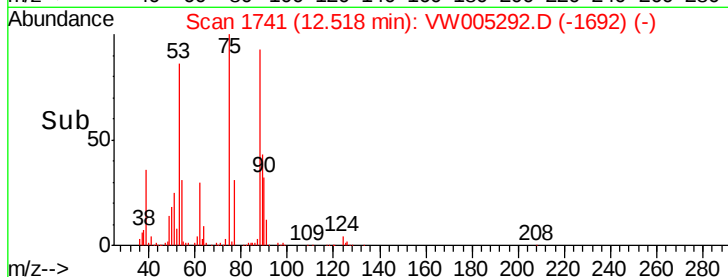
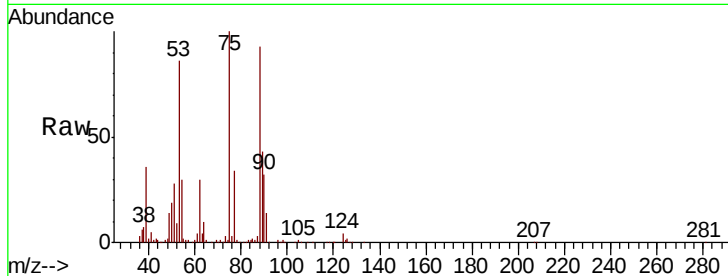
#81
trans-1,4-Dichloro-2-butene
Concen: 53.56 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.7	67.0	100.6
89	44.9	37.0	55.4

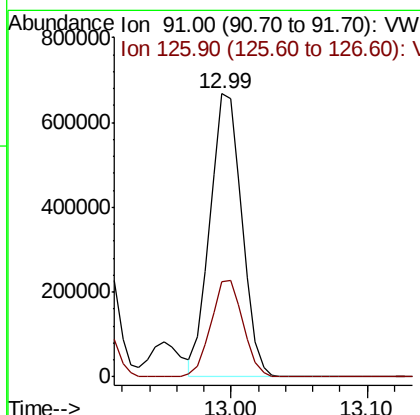
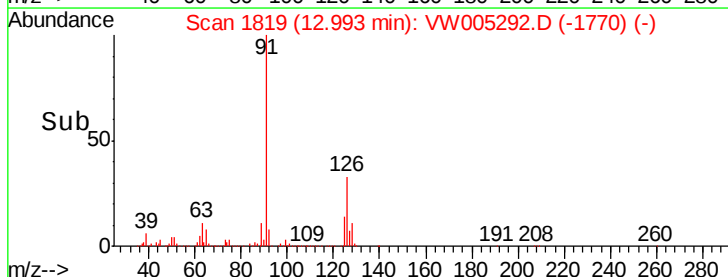
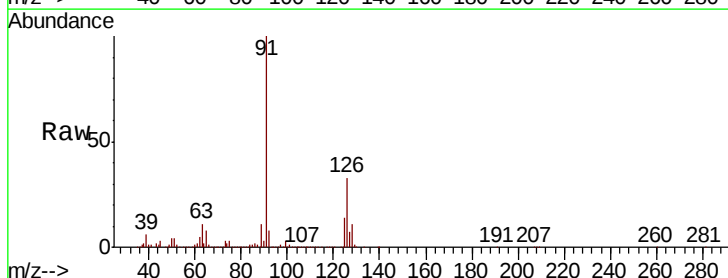
Manual Integrations
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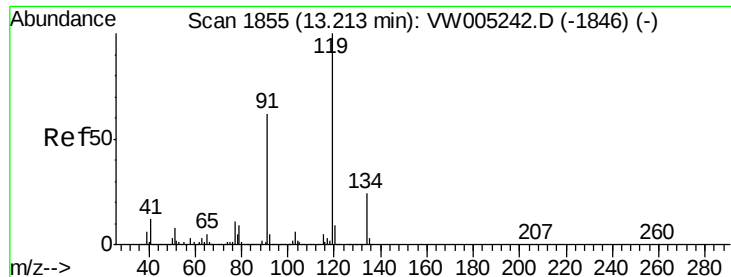
apatel
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#82
4-Chlorotoluene
Concen: 52.28 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.5	52.5





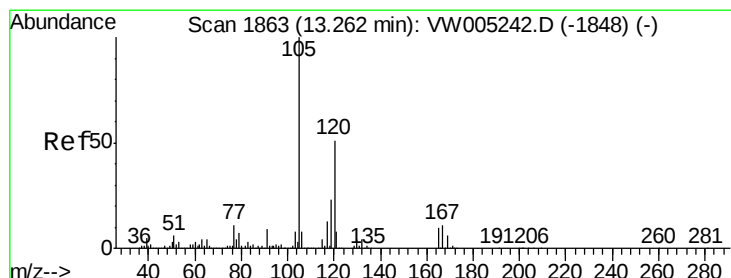
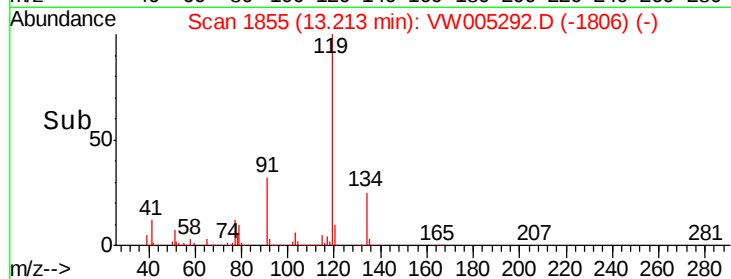
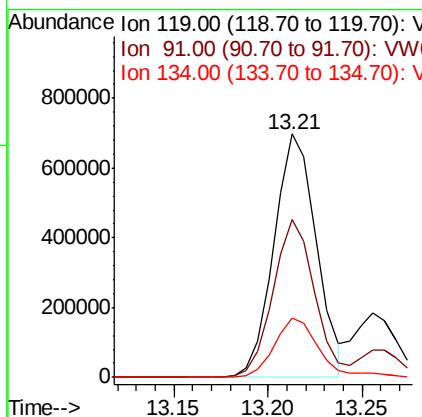
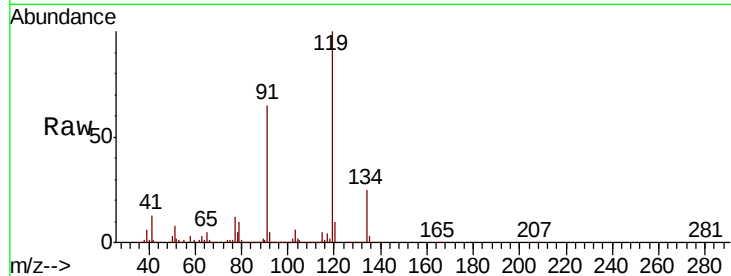
#83
tert-Butylbenzene
Concen: 51.03 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.9	31.7	95.1
134	25.8	13.0	38.9

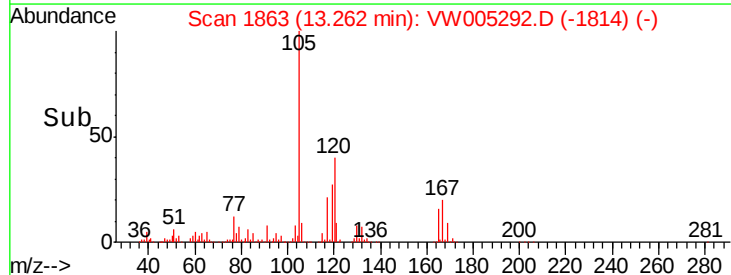
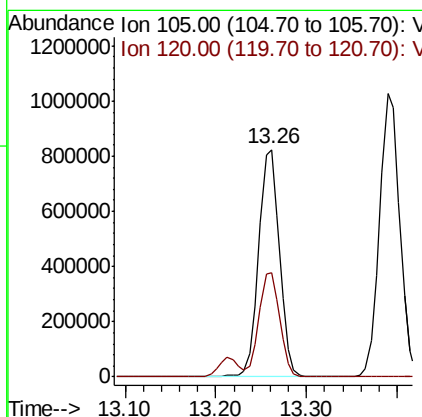
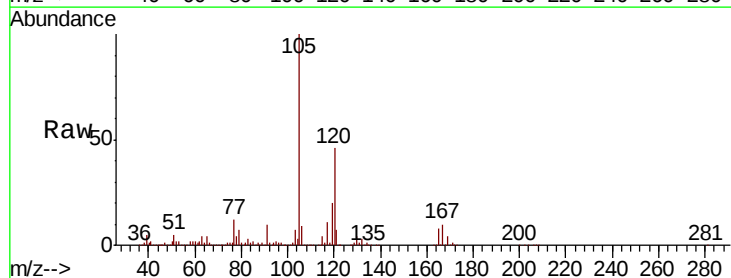
Manual Integrations
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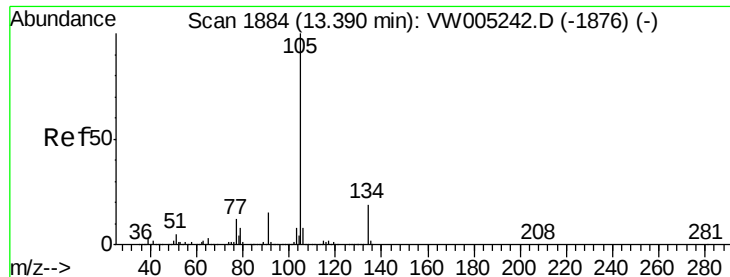
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#84
1,2,4-Trimethylbenzene
Concen: 53.49 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.4	70.3





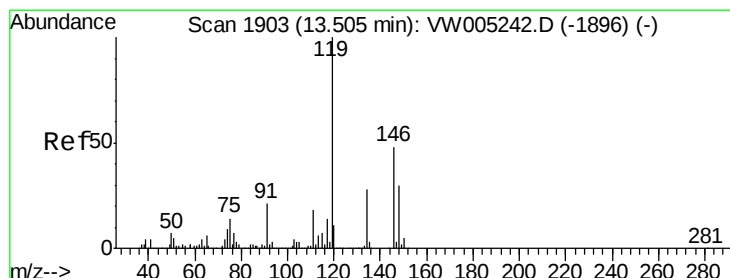
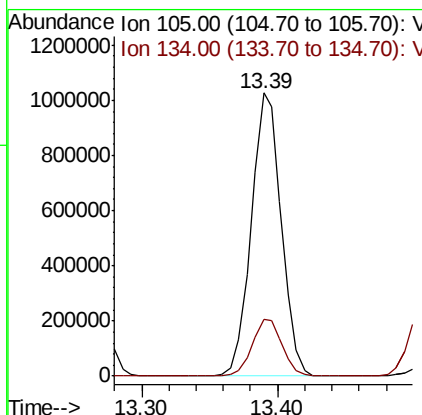
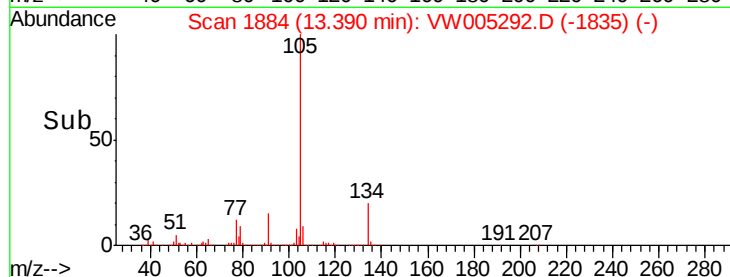
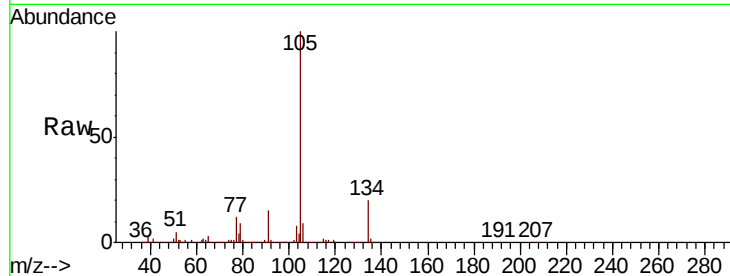
#85
 sec-Butylbenzene
 Concen: 51.65 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1581469
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7

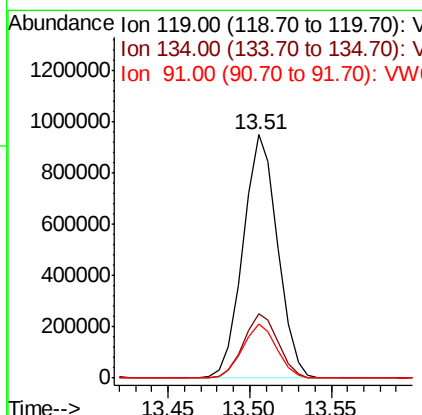
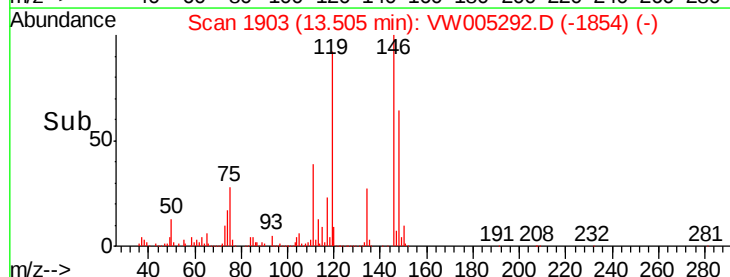
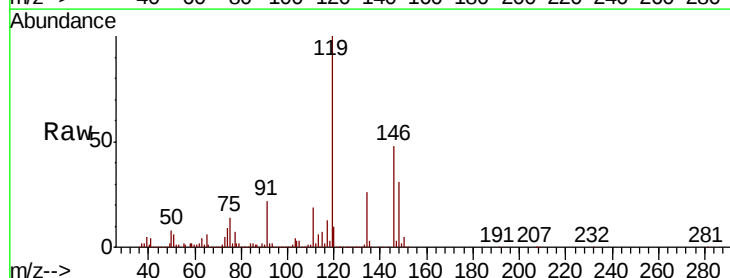
Manual Integrations
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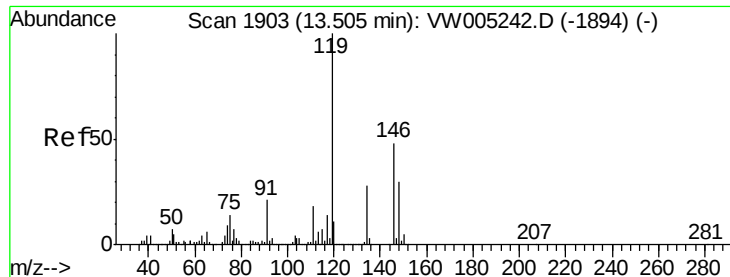
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#86
 p-Isopropyltoluene
 Concen: 51.61 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Tgt Ion:119 Resp: 1398719
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 21.9 10.7 32.1





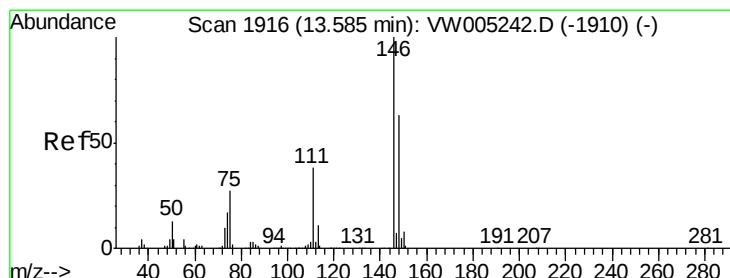
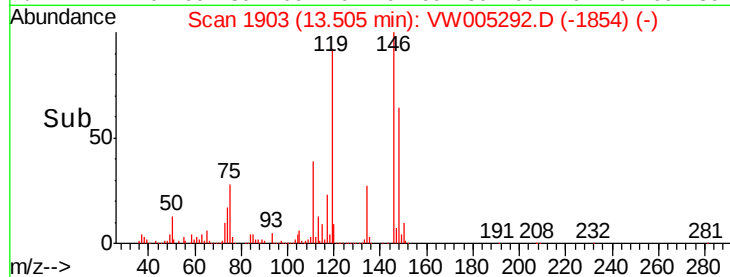
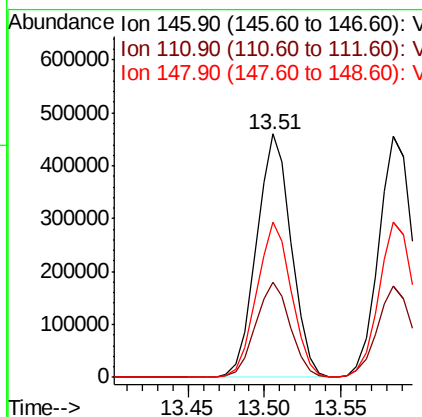
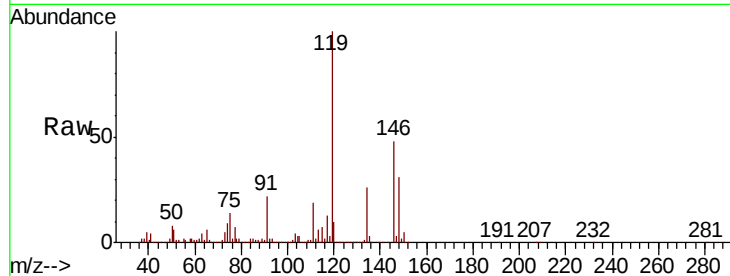
#87
 1,3-Dichlorobenzene
 Concen: 51.45 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.8	56.3
148	63.6	31.6	94.8

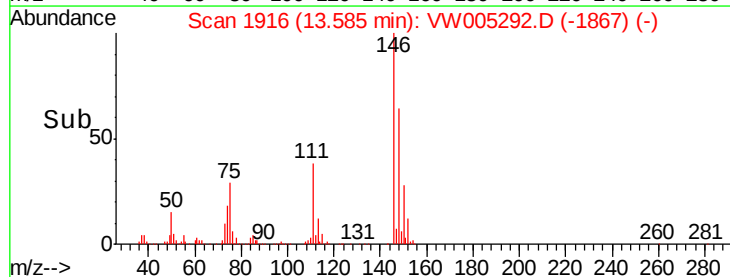
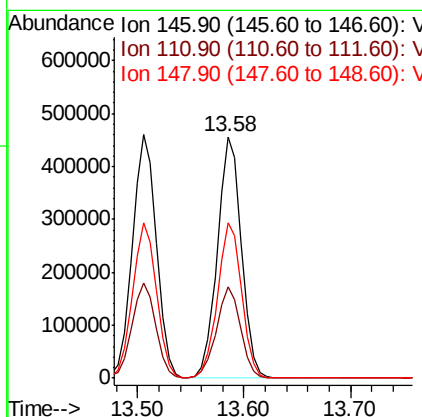
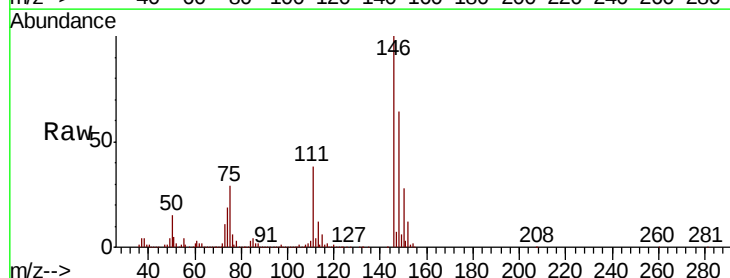
Manual Integrations
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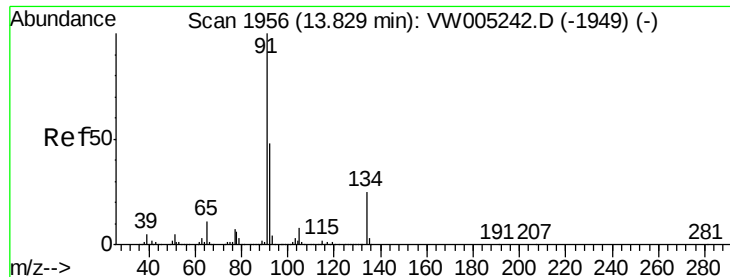
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#88
 1,4-Dichlorobenzene
 Concen: 51.22 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.3
148	64.5	32.3	96.9





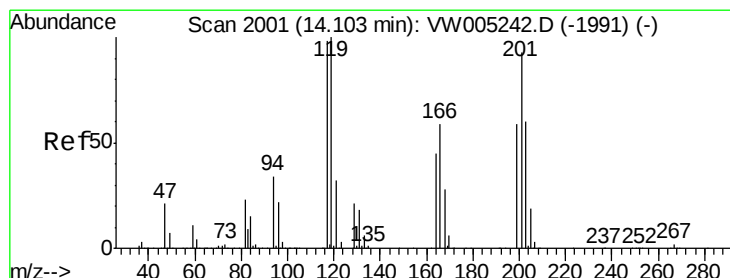
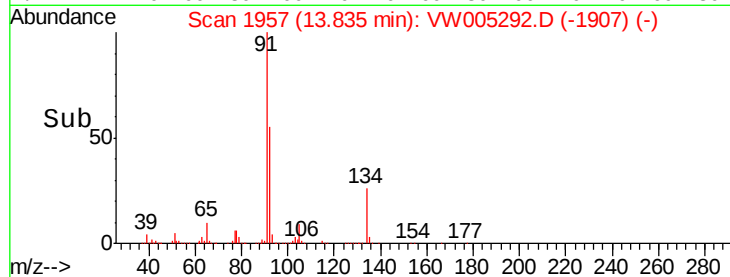
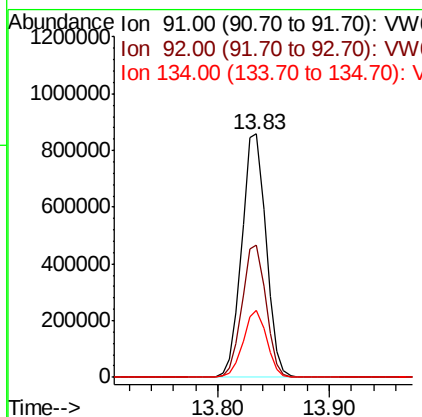
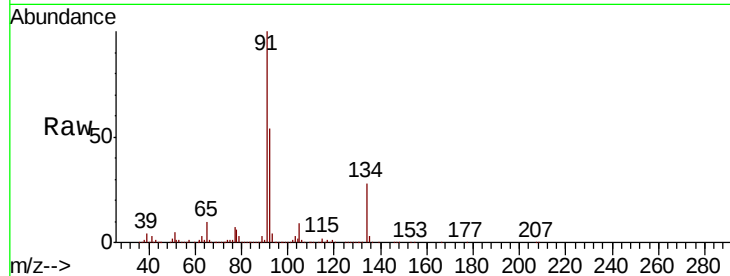
#89
n-Butylbenzene
Concen: 50.91 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	25.8	77.3
134	26.9	13.6	40.8

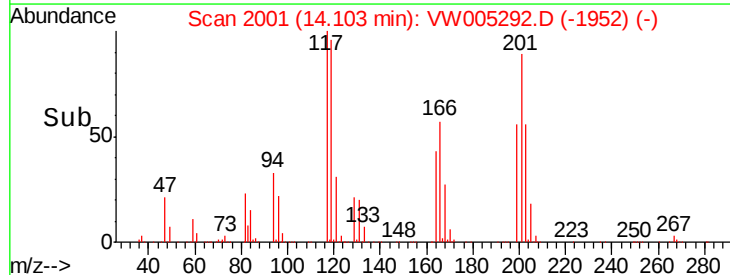
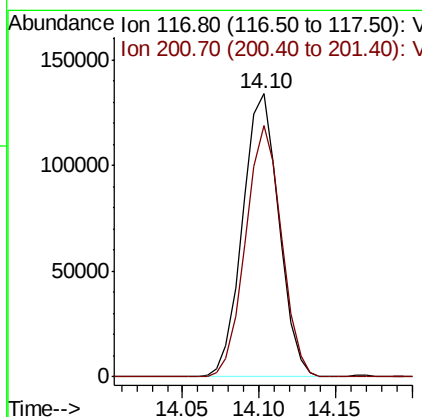
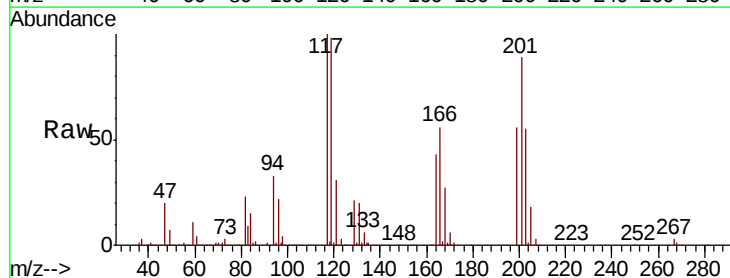
Manual Integrations
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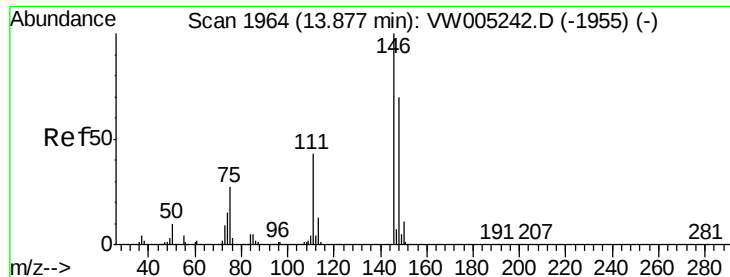
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#90
Hexachloroethane
Concen: 50.80 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	44.0	132.1





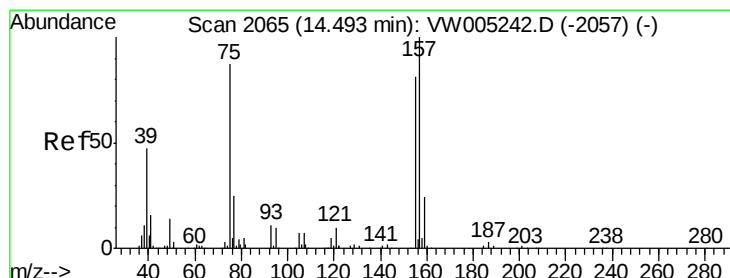
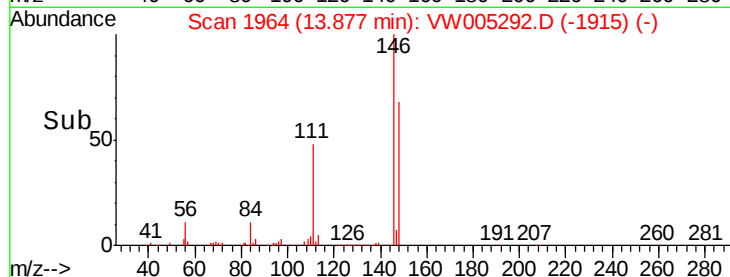
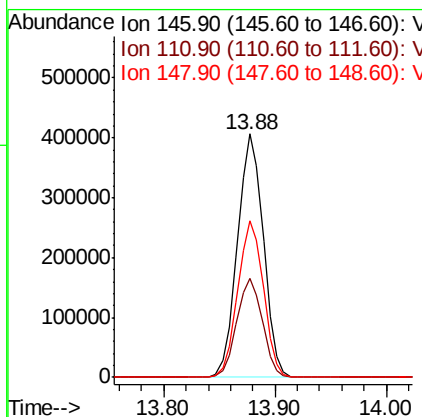
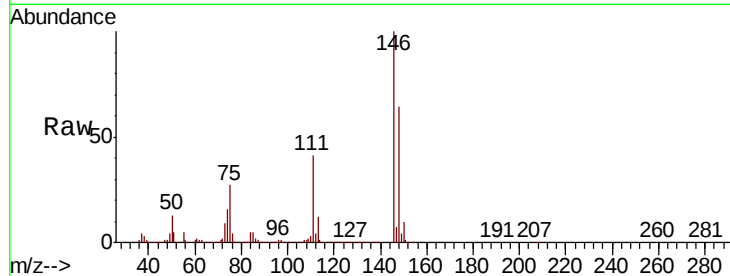
#91
 1,2-Dichlorobenzene
 Concen: 52.56 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	653775		
111	40.4	20.5	61.5	
148	63.9	32.7	98.1	

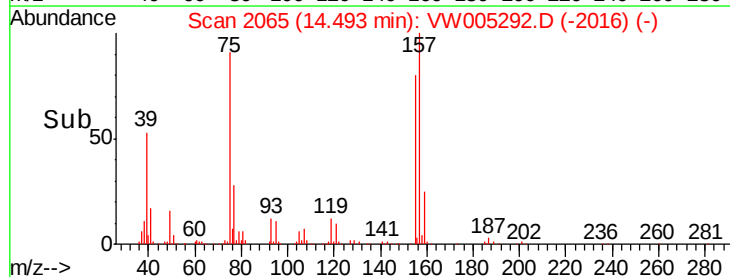
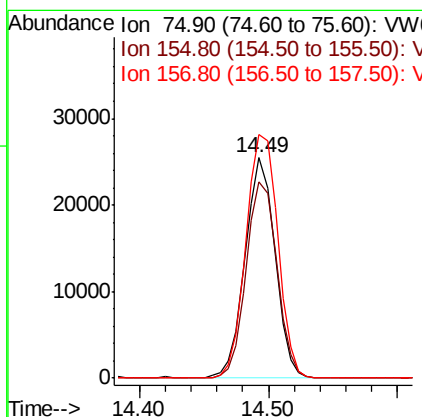
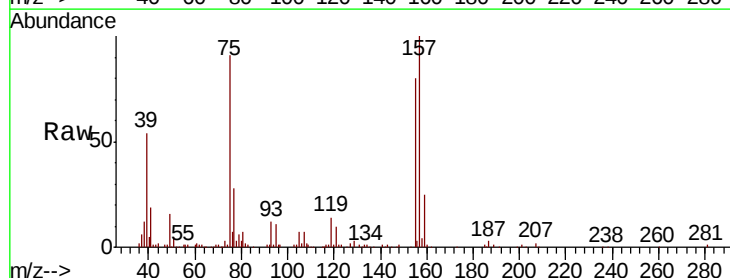
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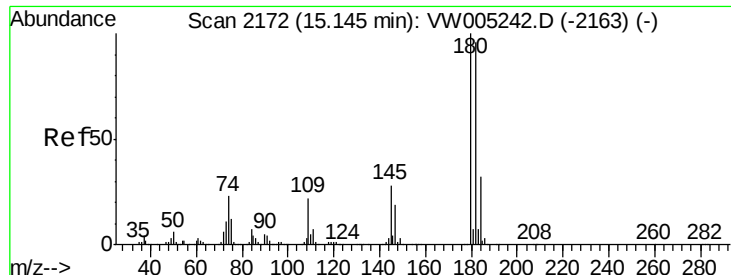
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.46 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41076		
155	91.2	47.4	142.2	
157	117.1	59.4	178.2	





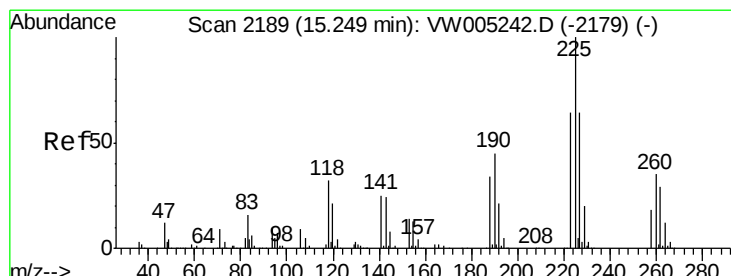
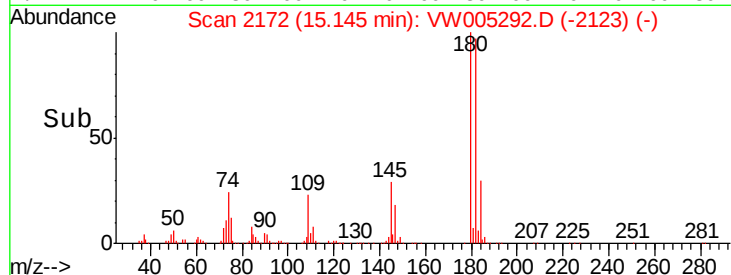
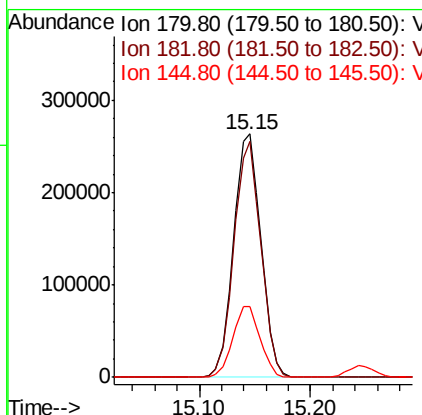
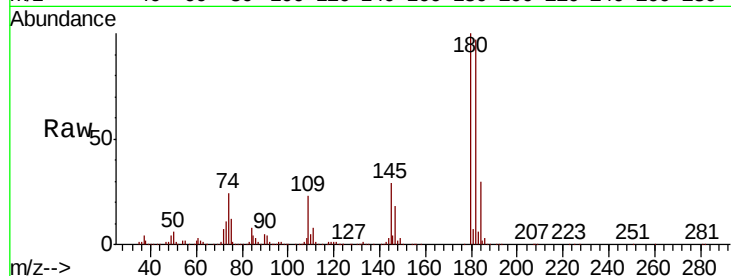
#93
 1,2,4-Trichlorobenzene
 Concen: 50.88 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	447675		
182	95.1	48.1	144.4	
145	29.1	14.5	43.6	

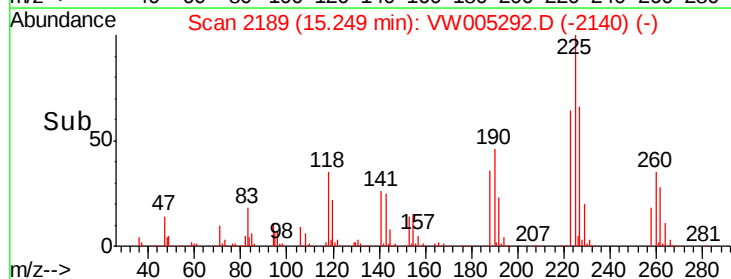
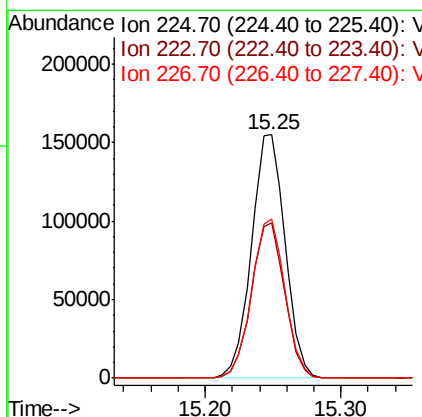
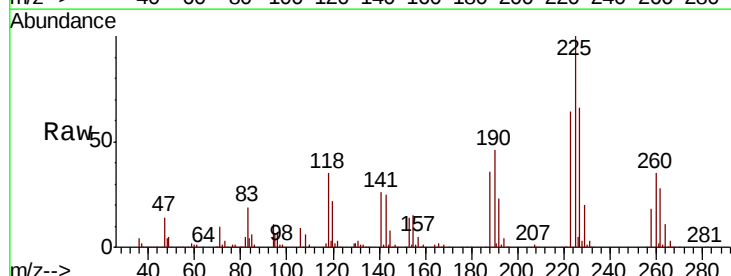
Manual Integrations
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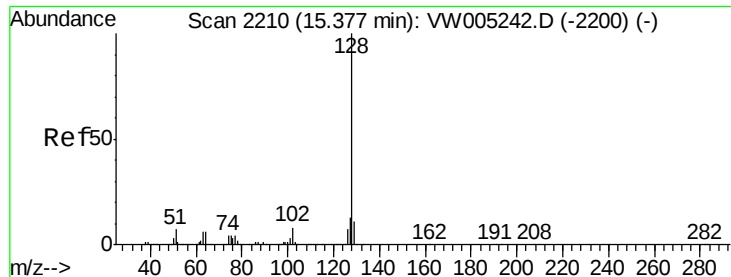
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#94
 Hexachlorobutadiene
 Concen: 47.68 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005292.D
 Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	268641		
223	63.1	31.4	94.2	
227	64.5	32.0	96.0	





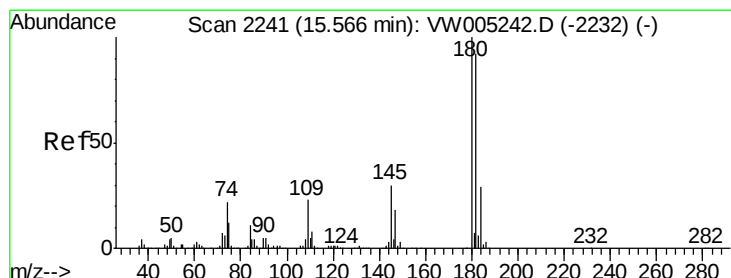
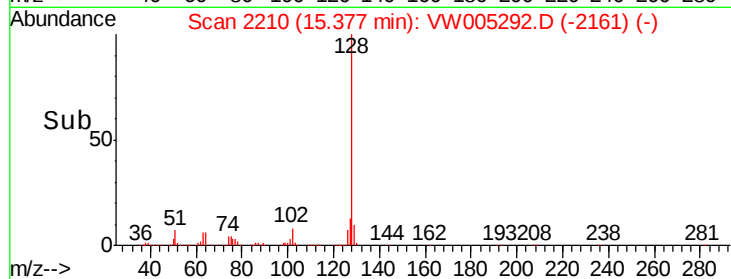
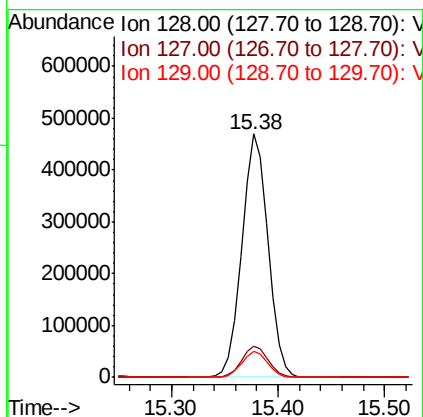
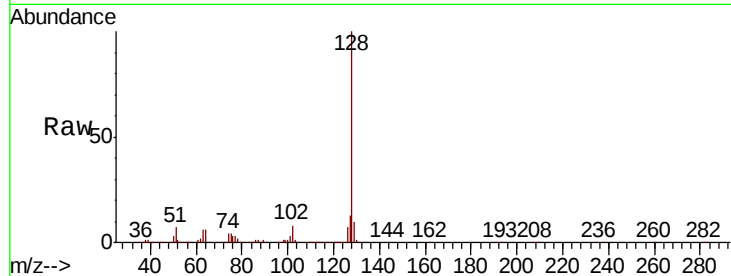
#95
Naphthalene
Concen: 56.78 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	809970		
127	13.1		10.3	15.5
129	10.8		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.91 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005292.D
Acq: 11 Sep 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	392988		
182	95.8		47.2	141.6
145	30.8		15.2	45.6

