

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003949.D
 Acq On : 16 Jul 2018 13:41
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 7/17/2018 10:11:12 AM

Quant Time: Jul 16 14:38:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 14:22:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	286846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	397629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	208793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	232590	71.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.06%	
35) Dibromofluoromethane	7.88	113	204649	72.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.04%	
50) Toluene-d8	10.33	98	805754	72.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.32%	
62) 4-Bromofluorobenzene	12.62	95	288759	72.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	107065m	71.25	ug/l	
3) Chloromethane	2.20	50	146312	66.40	ug/l	98
4) Vinyl Chloride	2.35	62	200899	66.48	ug/l	100
5) Bromomethane	2.76	94	123721	64.20	ug/l	100
6) Chloroethane	2.92	64	114545	64.82	ug/l	100
7) Trichlorofluoromethane	3.24	101	87279	68.21	ug/l	98
8) Diethyl Ether	3.67	74	99535	71.66	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	196380	72.24	ug/l	99
10) Methyl Iodide	4.26	142	289195	71.70	ug/l	99
11) Tert butyl alcohol	5.18	59	85383	419.97	ug/l	99
12) 1,1-Dichloroethene	4.03	96	196174	73.44	ug/l	99
13) Acrolein	3.89	56	79208	347.65	ug/l	98
14) Allyl chloride	4.65	41	330858	71.26	ug/l	99
15) Acrylonitrile	5.36	53	275113	391.38	ug/l	99
16) Acetone	4.12	43	270160	378.67	ug/l	95
17) Carbon Disulfide	4.37	76	616992	71.53	ug/l	98
18) Methyl Acetate	4.67	43	138516	78.76	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	397551	74.97	ug/l	100
20) Methylene Chloride	4.90	84	228592	48.04	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	216642	70.53	ug/l	96
22) Diisopropyl ether	6.31	45	684463	71.74	ug/l	98
23) Vinyl Acetate	6.25	43	2264153	385.03	ug/l	99
24) 1,1-Dichloroethane	6.21	63	399902	69.66	ug/l	99
25) 2-Butanone	7.18	43	396175	400.96	ug/l	99
26) 2,2-Dichloropropane	7.17	77	219713	66.86	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	235149	70.83	ug/l	98
28) Bromochloromethane	7.51	49	155696	63.65	ug/l	100
29) Tetrahydrofuran	7.53	42	253517	409.22	ug/l	100
30) Chloroform	7.68	83	397644	69.20	ug/l	99
31) Cyclohexane	7.95	56	364520	68.45	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	308005	68.92	ug/l	100
36) 1,1-Dichloropropene	8.08	75	325773	71.84	ug/l	99
37) Ethyl Acetate	7.26	43	171185	81.41	ug/l	99
38) Carbon Tetrachloride	8.07	117	304786	72.11	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	398955	76.74	ug/l	99
40) Benzene	8.32	78	903346	71.36	ug/l	100
41) Methacrylonitrile	7.49	41	92909	77.91	ug/l	96
42) 1,2-Dichloroethane	8.40	62	279884	72.49	ug/l	100
43) Isopropyl Acetate	8.43	43	317049	79.99	ug/l	99
44) Trichloroethene	9.09	130	235130	72.53	ug/l	97
45) 1,2-Dichloropropane	9.37	63	229931	71.01	ug/l	98
46) Dibromomethane	9.46	93	123355	74.38	ug/l	99
47) Bromodichloromethane	9.65	83	297355	72.08	ug/l	99
48) Methyl methacrylate	9.44	41	159087	83.54	ug/l	98
49) 1,4-Dioxane	9.45	88	41100	1640.40	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	864900	410.25	ug/l	100
52) Toluene	10.39	92	563313	71.57	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	321112	75.44	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	361546	74.08	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	172684	73.58	ug/l	100
56) Ethyl methacrylate	10.65	69	245007	82.69	ug/l	99
57) 1,3-Dichloropropane	10.93	76	303365	74.39	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	538367	377.09	ug/l	100
59) 2-Hexanone	10.98	43	616834	418.62	ug/l	100
60) Dibromochloromethane	11.13	129	205166	75.43	ug/l	99
61) 1,2-Dibromoethane	11.24	107	166473	75.56	ug/l	98
64) Tetrachloroethene	10.87	164	201801	72.93	ug/l	100
65) Chlorobenzene	11.66	112	612241	72.09	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	214749	72.91	ug/l	99
67) Ethyl Benzene	11.74	91	1119809	75.32	ug/l	98
68) m/p-Xylenes	11.84	106	843114	148.29	ug/l	100
69) o-Xylene	12.17	106	398163	75.44	ug/l	100
70) Styrene	12.18	104	668152	75.71	ug/l	100
71) Bromoform	12.35	173	127403	78.60	ug/l #	100
73) Isopropylbenzene	12.47	105	1087095	74.24	ug/l	100
74) N-amyl acetate	12.28	43	306102	82.12	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	213486	77.01	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	149940m	70.47	ug/l	
77) Bromobenzene	12.75	156	253337	72.40	ug/l	99
78) n-propylbenzene	12.81	91	1331867	73.82	ug/l	99
79) 2-Chlorotoluene	12.90	91	741742	72.67	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	914491	73.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	71398	81.06	ug/l	98
82) 4-Chlorotoluene	12.99	91	775555	71.03	ug/l	99
83) tert-Butylbenzene	13.21	119	777513	75.06	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	932992	73.22	ug/l	98
85) sec-Butylbenzene	13.39	105	1135026	73.44	ug/l	100
86) p-Isopropyltoluene	13.51	119	1017375	75.07	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	500700	71.14	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	492606	69.79	ug/l	100
89) n-Butylbenzene	13.84	91	985703	73.98	ug/l	100
90) Hexachloroethane	14.10	117	179792	71.98	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	450528	71.77	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	38323	78.81	ug/l	98

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VSTDICC075

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	319503	73.24	ug/l	99
94) Hexachlorobutadiene	15.25	225	183216	72.94	ug/l	98
95) Naphthalene	15.38	128	648012	82.58	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	283935	73.84	ug/l	99

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

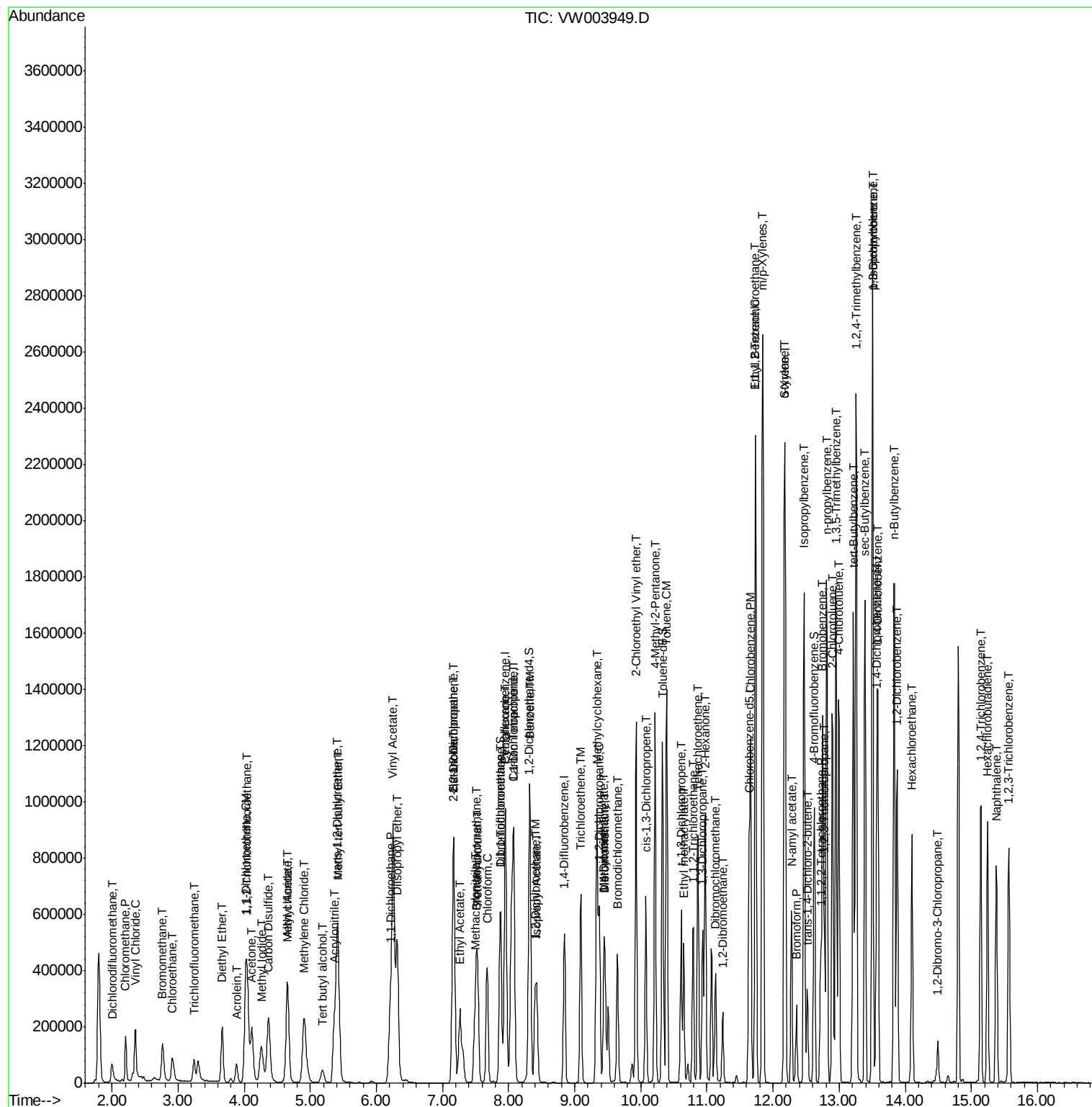
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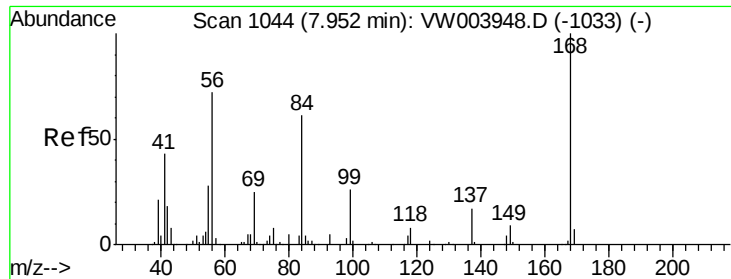
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:168 Resp: 286846

Ion Ratio Lower Upper

168 100

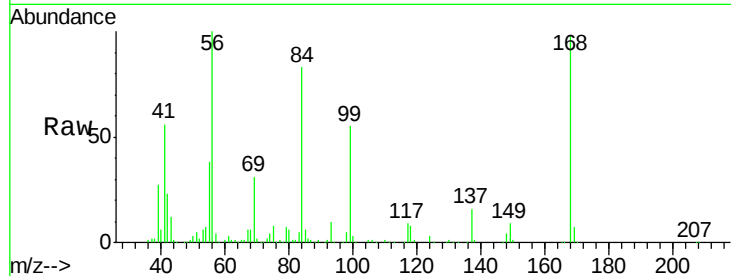
99 56.1 43.8 65.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

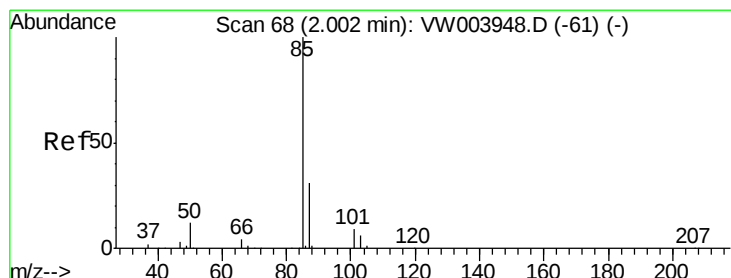
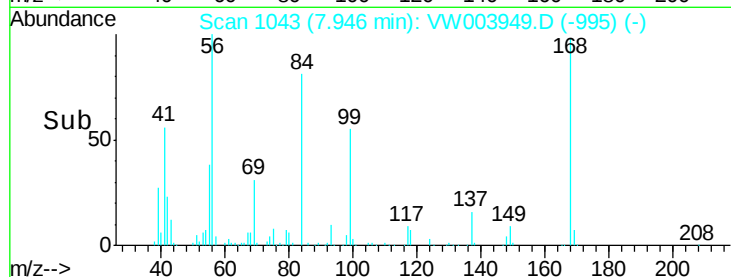
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 71.25 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003949.D

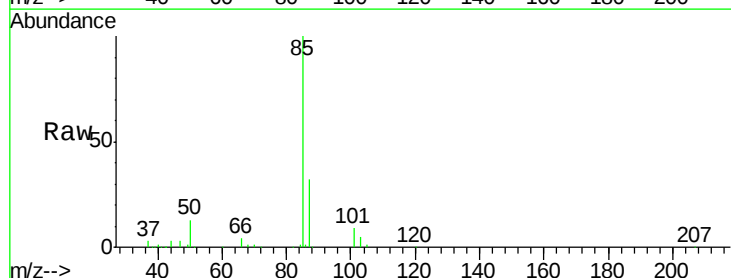
Acq: 16 Jul 2018 13:41

Tgt Ion: 85 Resp: 107065

Ion Ratio Lower Upper

85 100

87 31.8 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

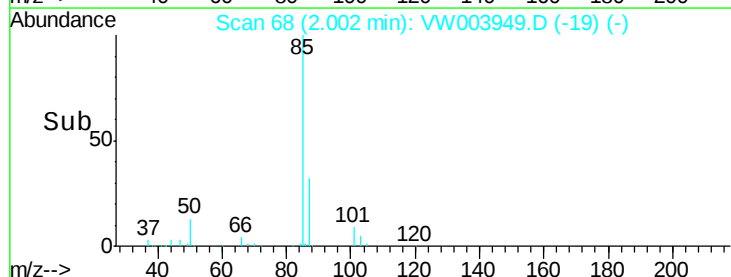
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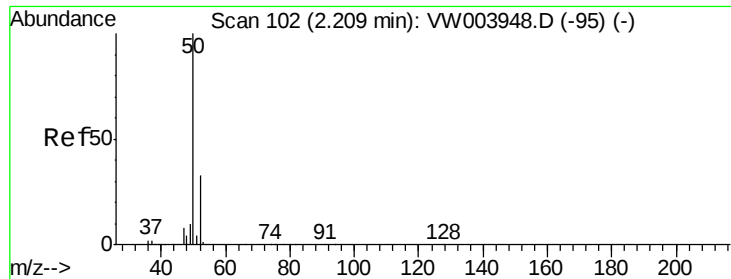
20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 66.40 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.01 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 50 Resp: 146312

Ion Ratio Lower Upper

50 100

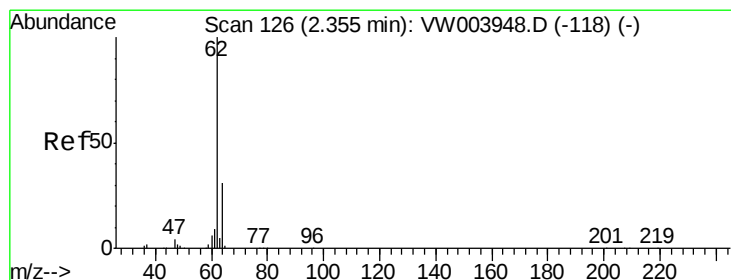
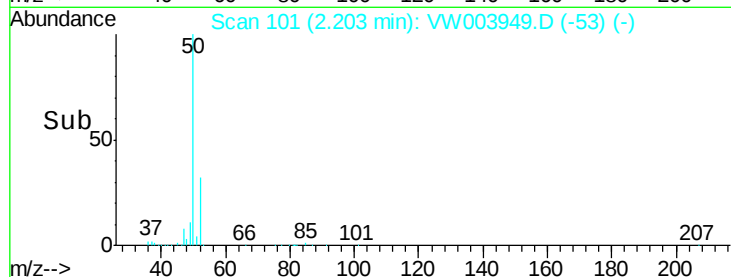
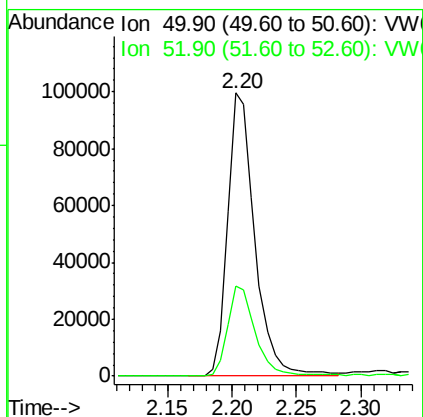
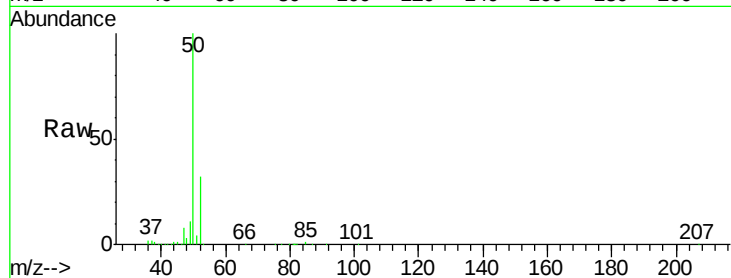
52 31.9 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 66.48 ug/l

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW003949.D

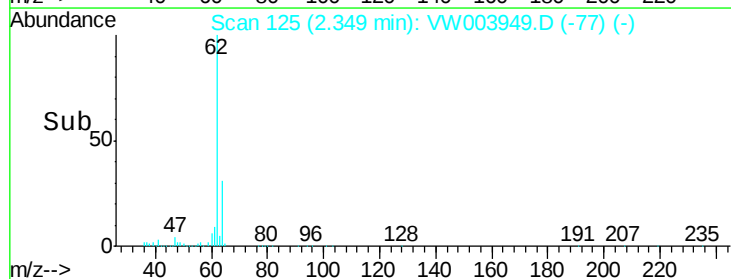
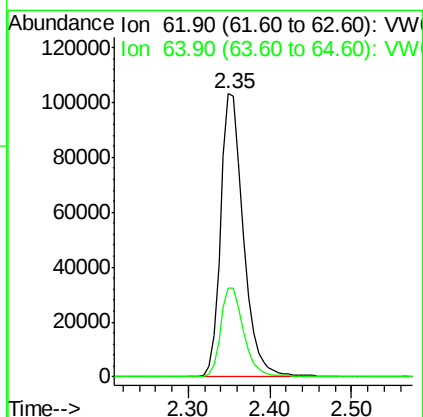
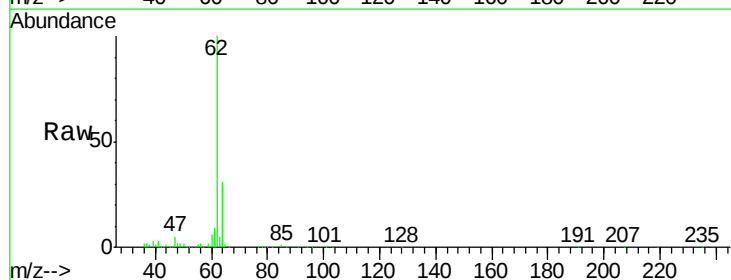
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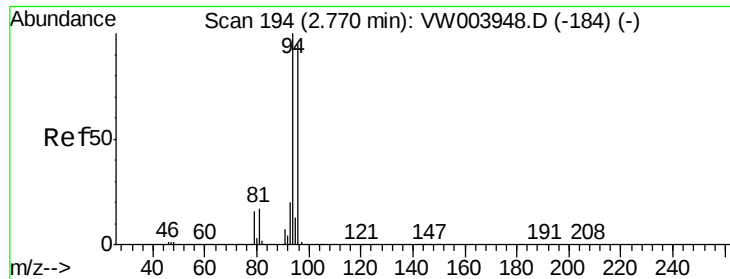
Tgt Ion: 62 Resp: 200899

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.6





#5

Bromomethane

Concen: 64.20 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 123721

Ion Ratio Lower Upper

94 100

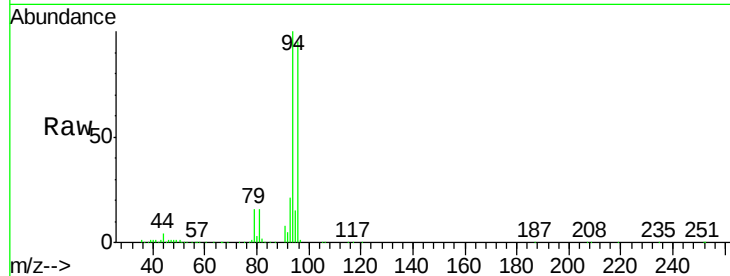
96 94.6 75.8 113.6

Manual Integrations

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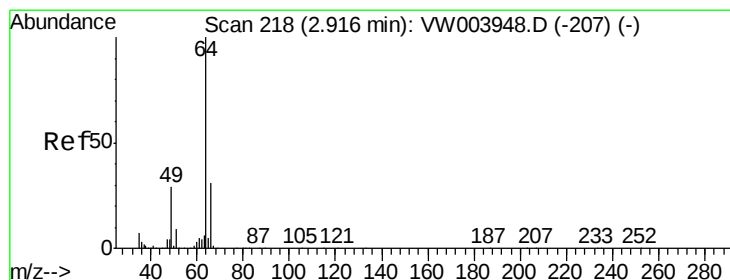
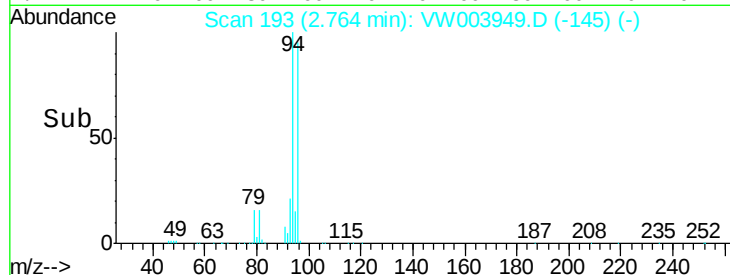
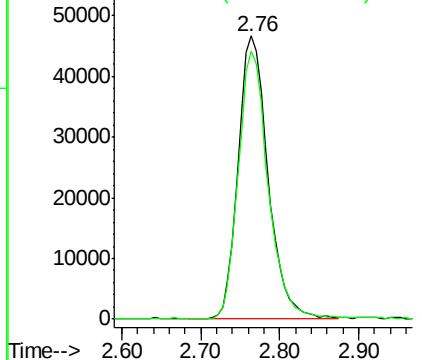
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 64.82 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW003949.D

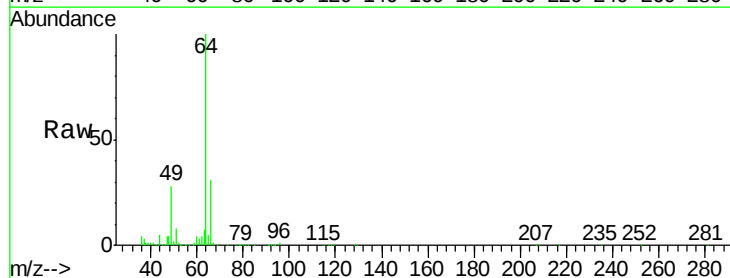
Acq: 16 Jul 2018 13:41

Tgt Ion: 64 Resp: 114545

Ion Ratio Lower Upper

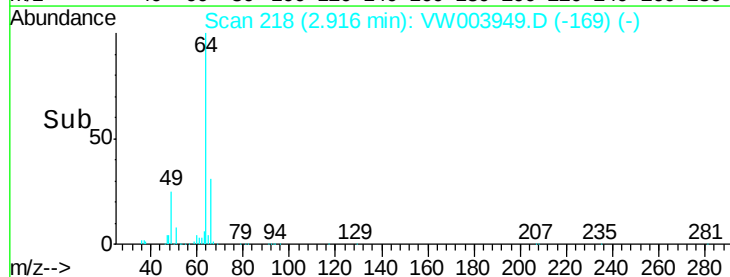
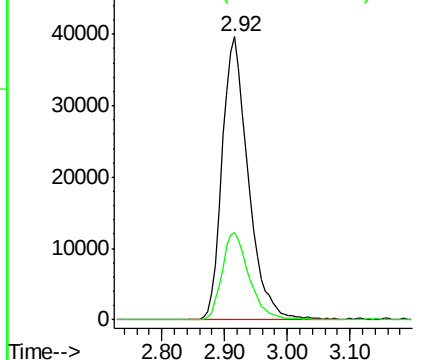
64 100

66 30.7 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

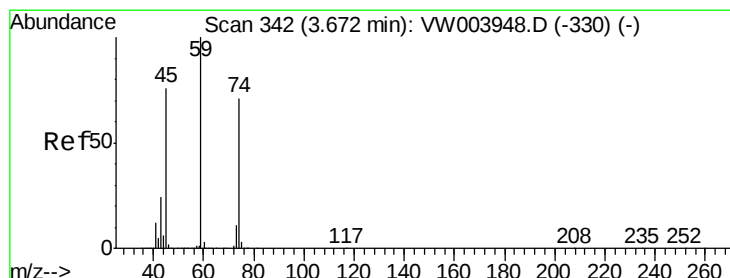
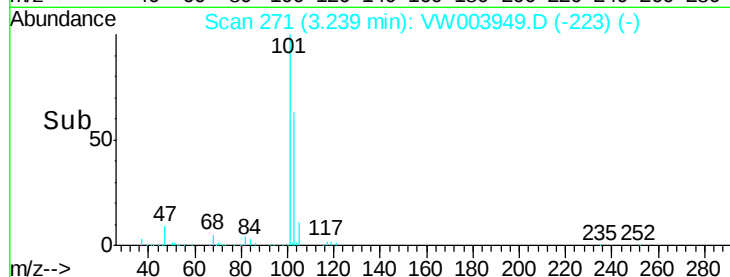
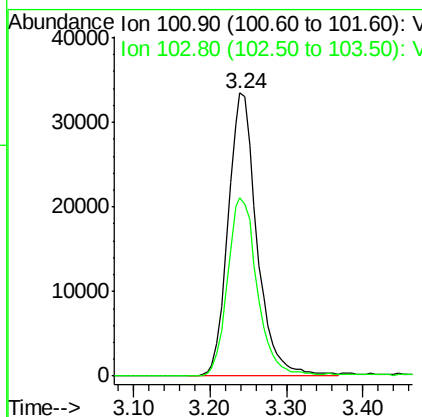
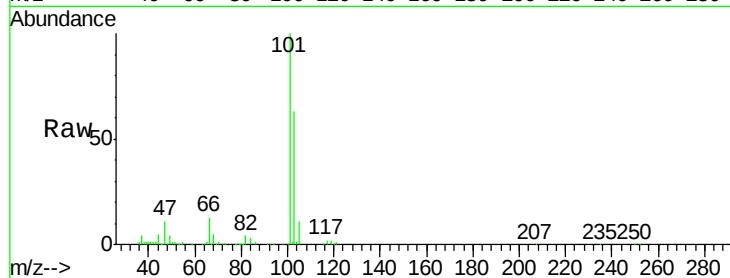
Trichlorofluoromethane
 Concen: 68.21 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

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 VSTDIC075

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	49.0	73.6

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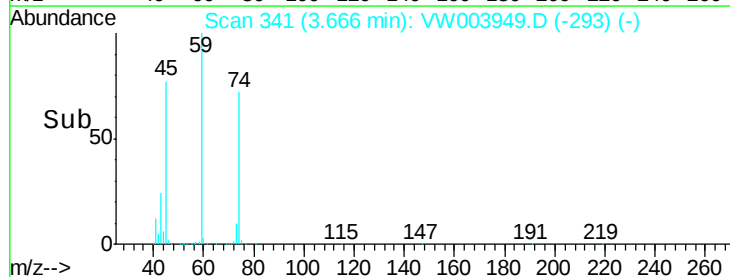
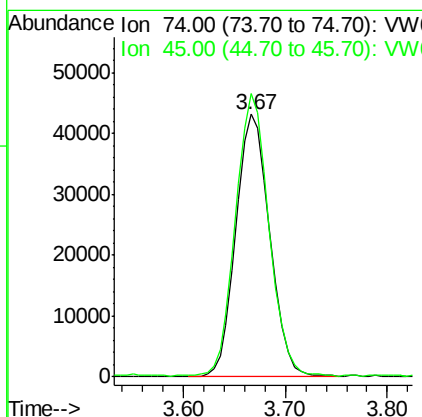
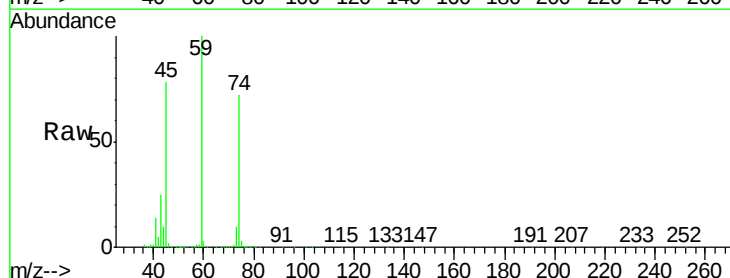
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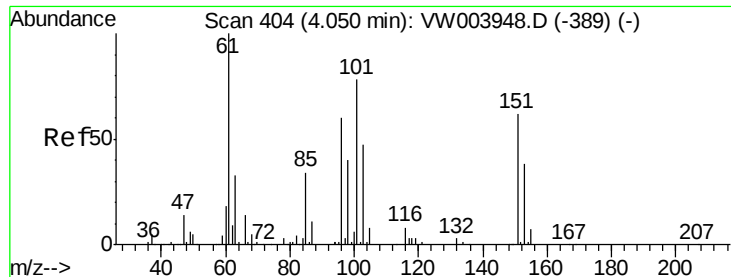


#8

Diethyl Ether
 Concen: 71.66 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.7	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 72.24 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

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MSVOA_W

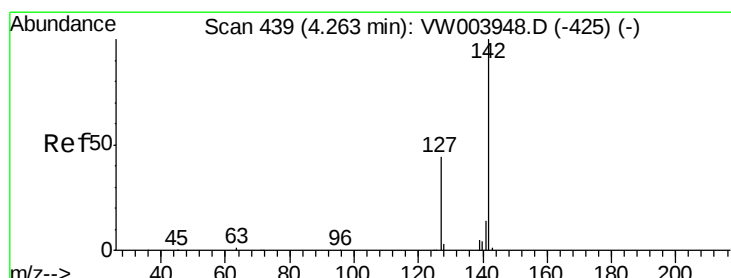
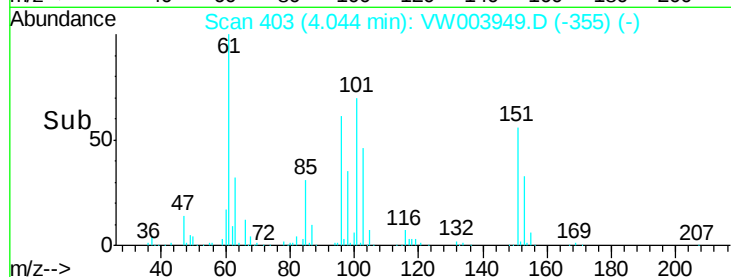
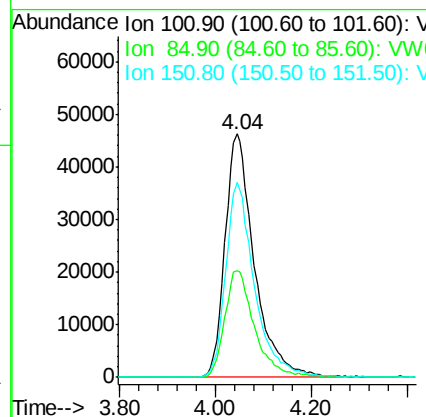
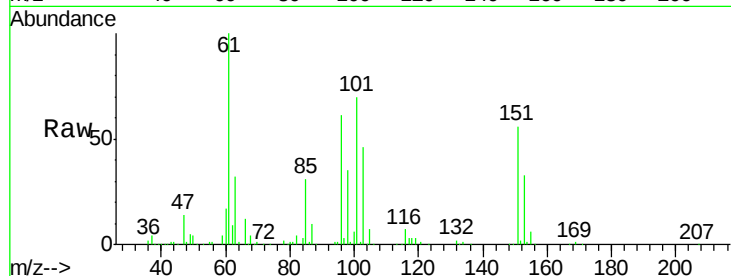
ClientSampleId :

VSTDIC075

Tot Ion:	101	Resp:	196380
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.8	53.6
151	78.9	63.6	95.4

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#10

Methyl Iodide

Concen: 71.70 ug/l

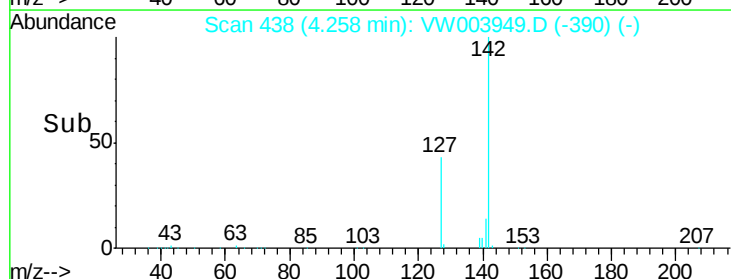
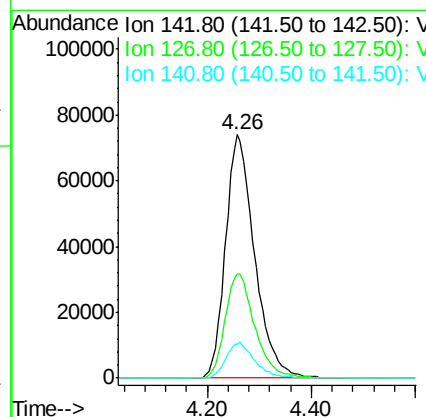
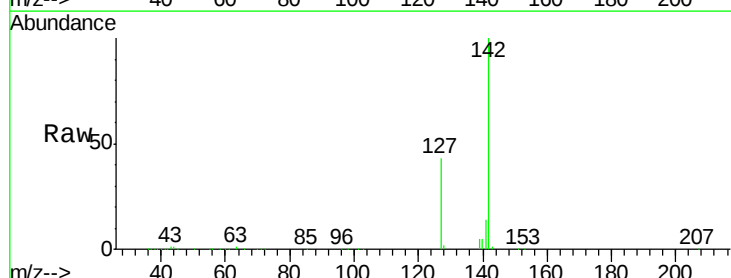
RT: 4.26 min Scan# 438

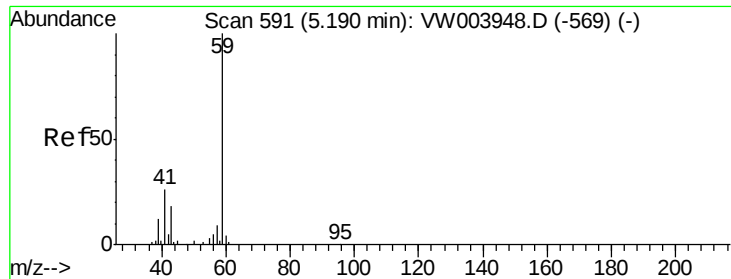
Delta R.T. -0.01 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Tgt Ion:	142	Resp:	289195
Ion Ratio	Lower	Upper	
142	100		
127	43.7	35.4	53.2
141	14.5	11.7	17.5





#11

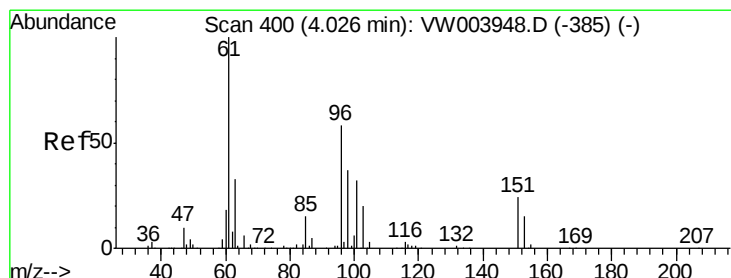
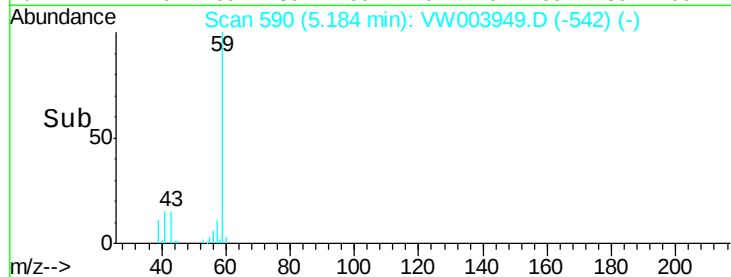
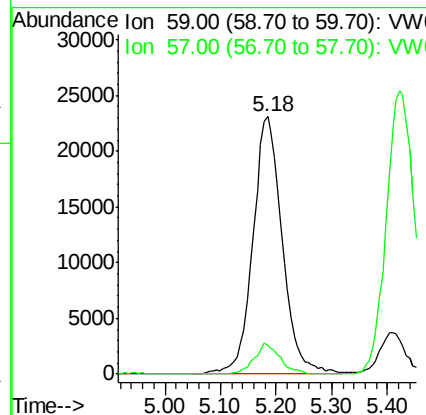
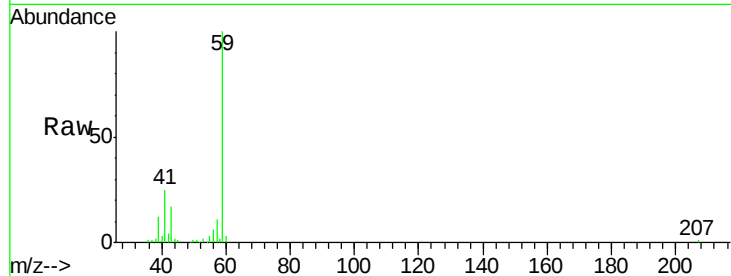
Tert butyl alcohol
Concen: 419.97 ug/l
RT: 5.18 min Scan# 590
Delta R.T. -0.01 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

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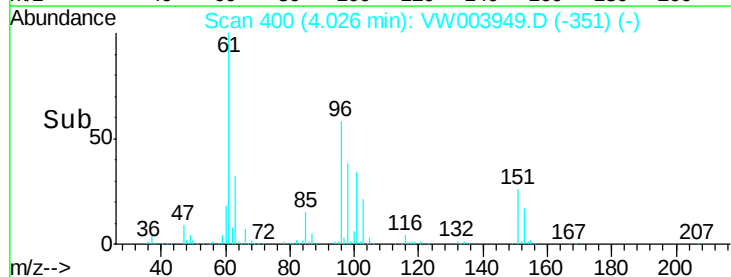
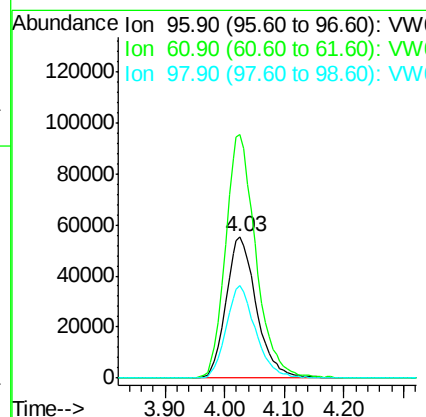
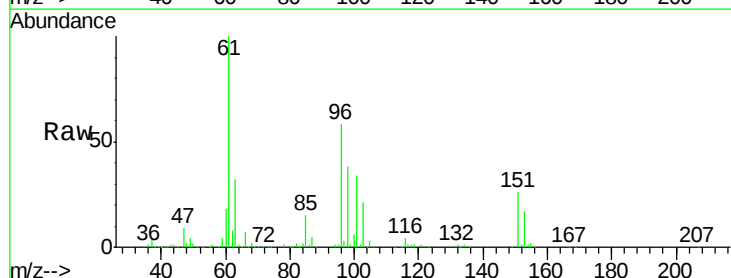
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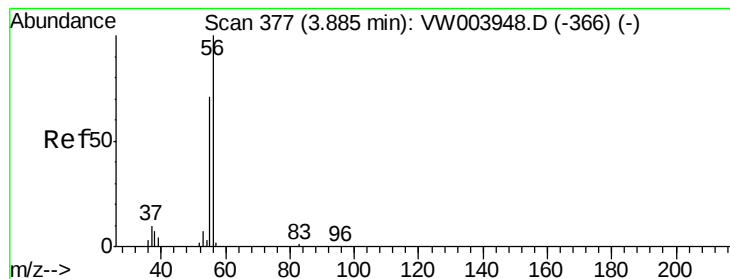


#12

1,1-Dichloroethene
Concen: 73.44 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.6	137.0	205.6
98	65.0	50.2	75.4





#13

Acrolein

Concen: 347.65 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 56 Resp: 79208

Ion Ratio Lower Upper

56 100

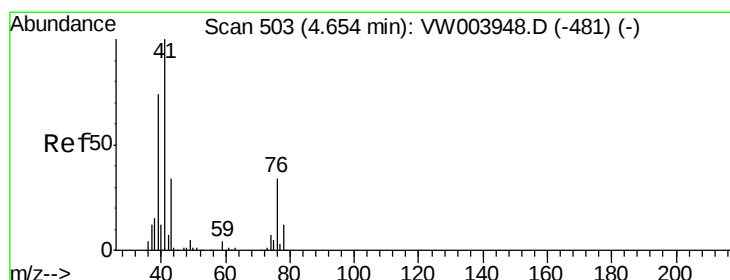
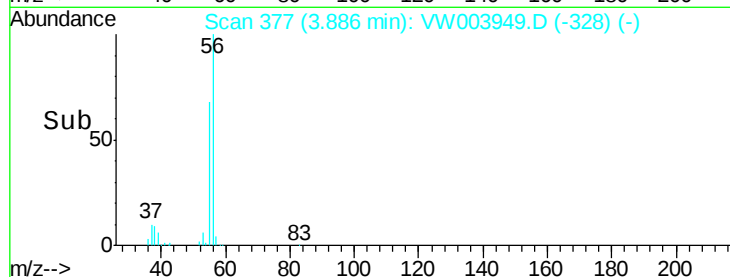
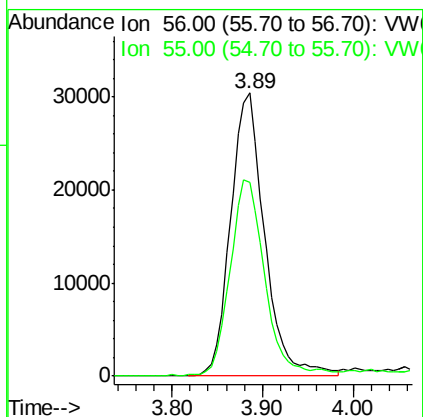
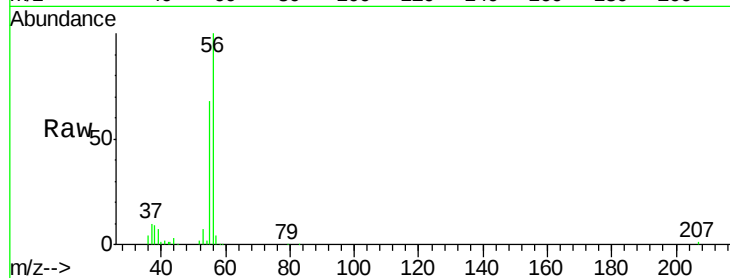
55 70.7 58.2 87.4

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#14

Allyl chloride

Concen: 71.26 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

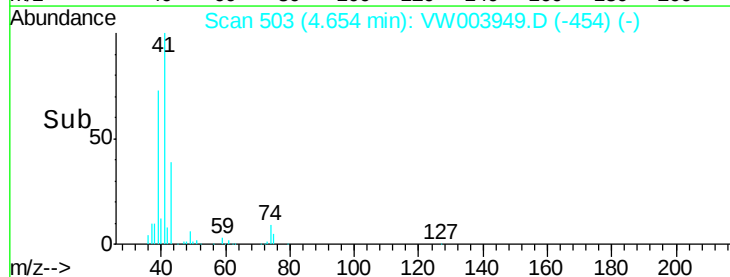
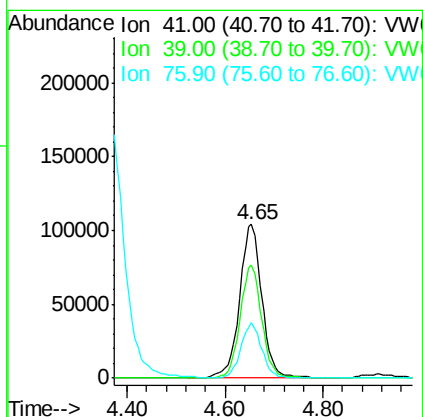
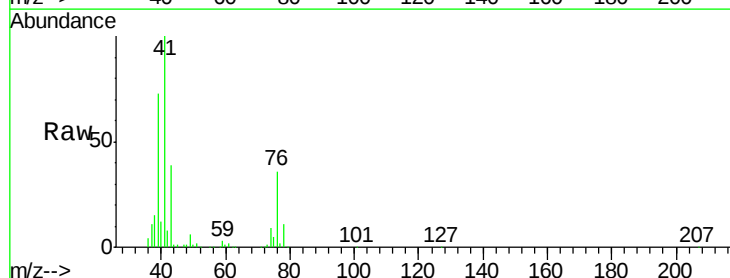
Tgt Ion: 41 Resp: 330858

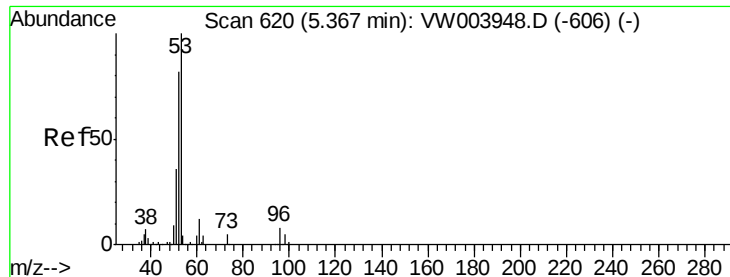
Ion Ratio Lower Upper

41 100

39 70.3 57.0 85.4

76 33.5 26.5 39.7





#15

Acrylonitrile

Concen: 391.38 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

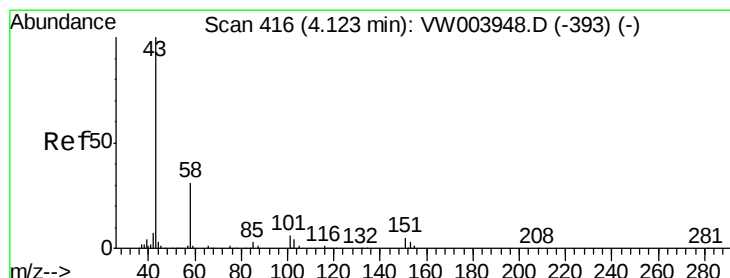
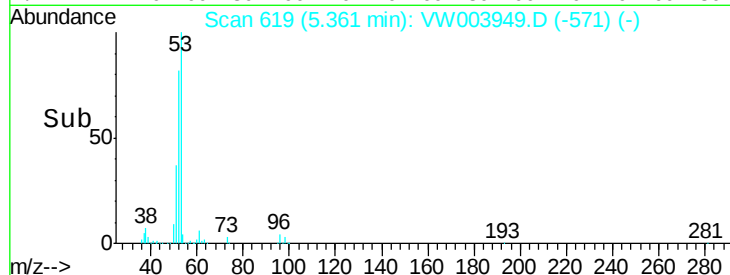
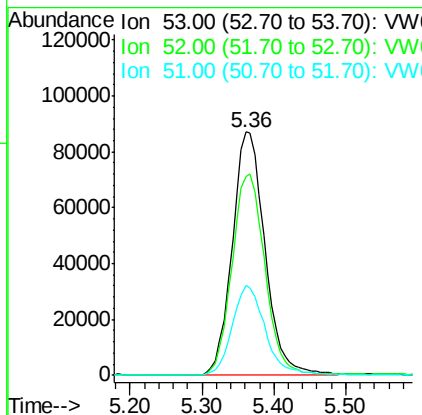
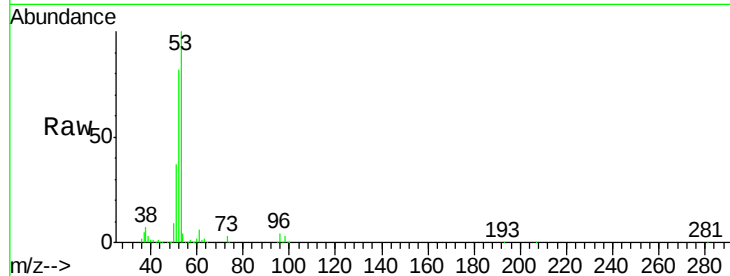
ClientSampled :

VSTDIC075

Tot Ion:	53	Resp:	275113
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.1	99.1
51	37.9	29.8	44.6

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#16

Acetone

Concen: 378.67 ug/l

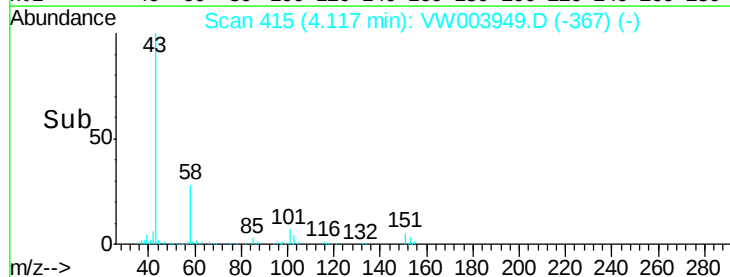
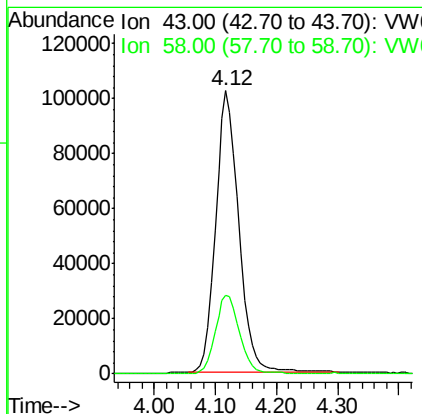
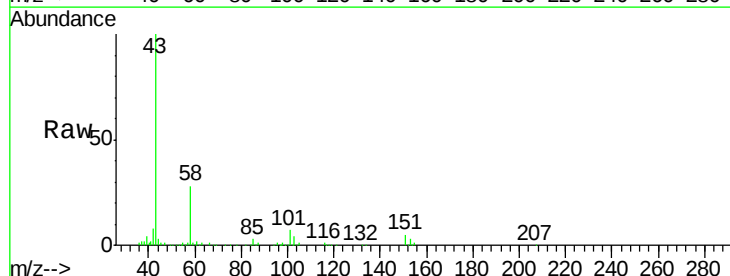
RT: 4.12 min Scan# 415

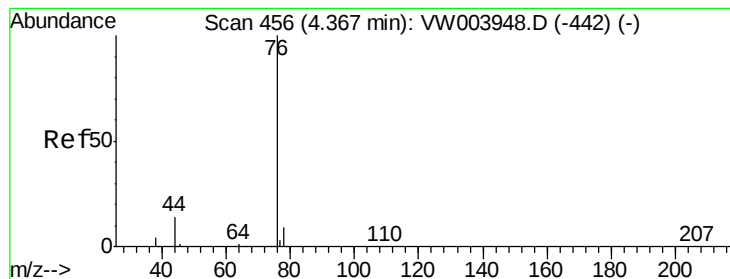
Delta R.T. -0.01 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Tgt Ion:	43	Resp:	270160
Ion Ratio		Lower	Upper
43	100		
58	27.7	24.5	36.7





#17

Carbon Disulfide

Concen: 71.53 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 76 Resp: 616992

Ion Ratio Lower Upper

76 100

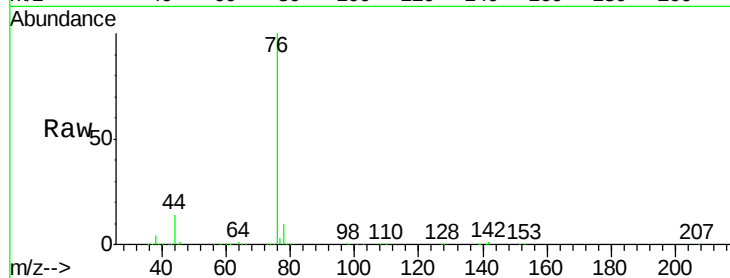
78 9.7 7.1 10.7

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

200000

150000

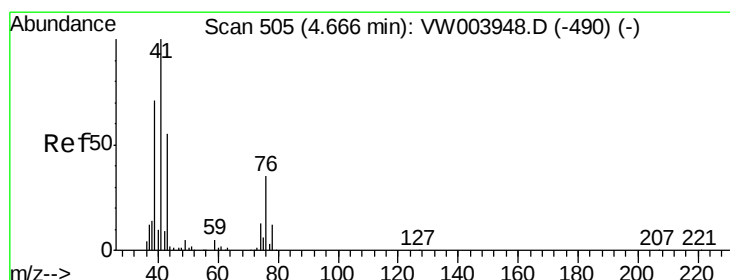
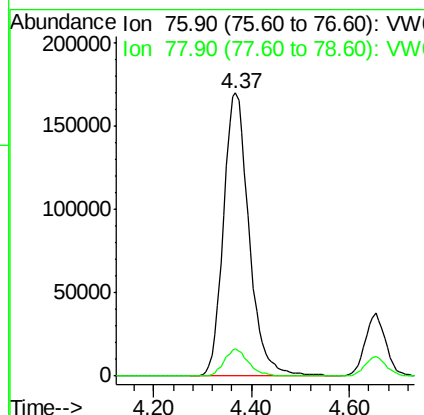
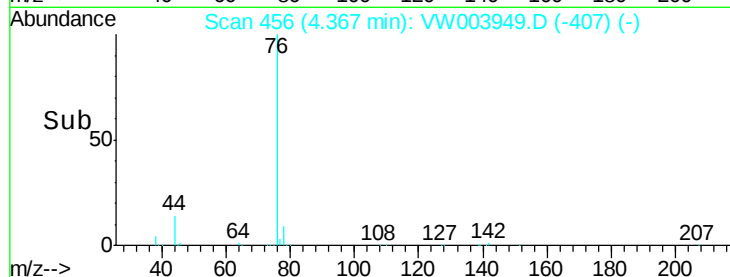
100000

50000

0

4.20 4.40 4.60

Time-->



#18

Methyl Acetate

Concen: 78.76 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW003949.D

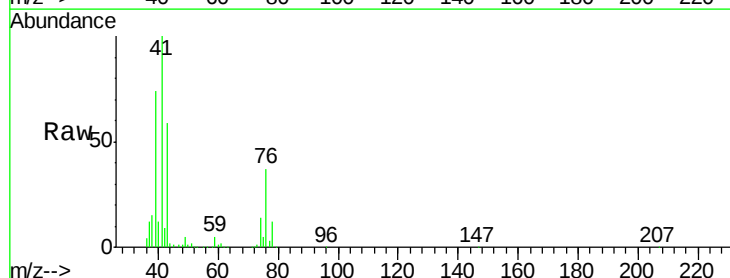
Acq: 16 Jul 2018 13:41

Tgt Ion: 43 Resp: 138516

Ion Ratio Lower Upper

43 100

74 22.4 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

50000

40000

30000

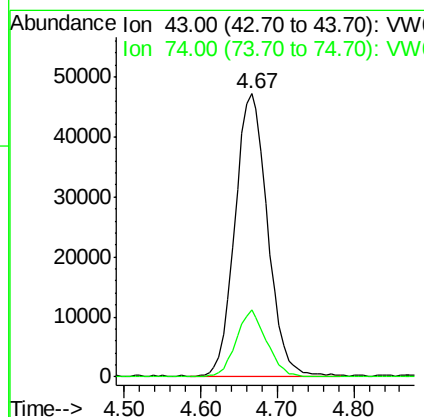
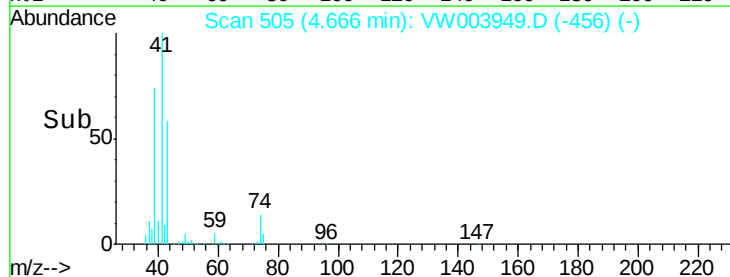
20000

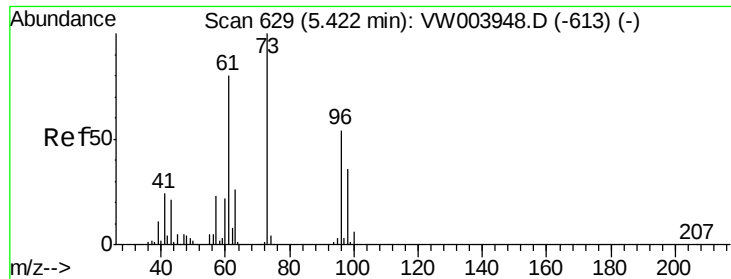
10000

0

4.50 4.60 4.70 4.80

Time-->





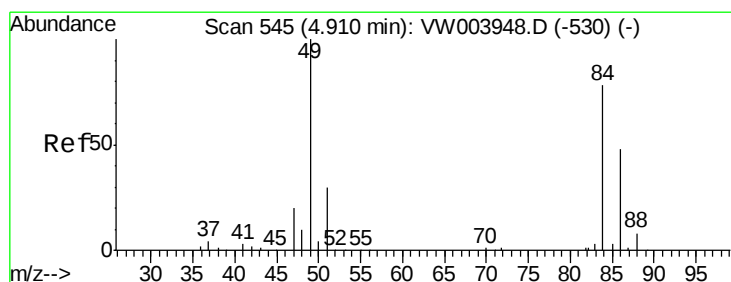
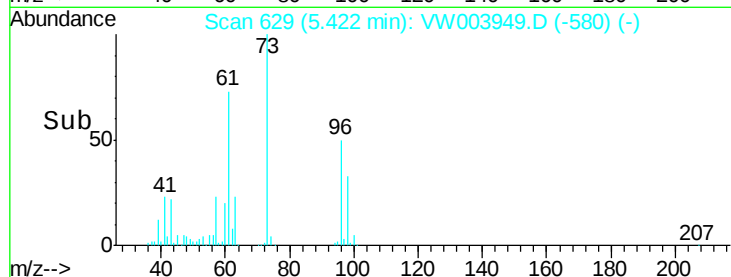
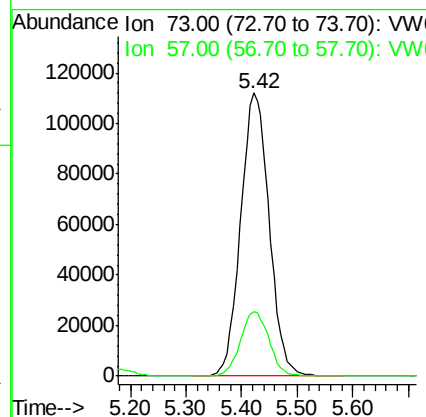
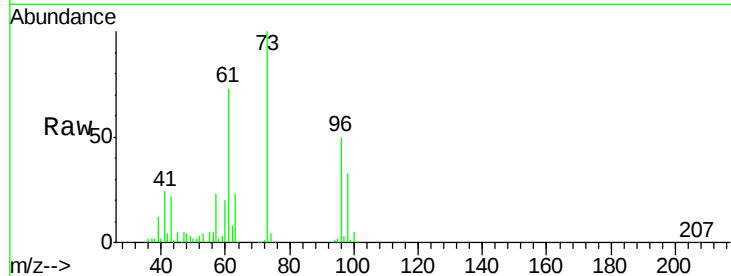
#19
Methvl tert-butvl Ether
Concen: 74.97 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 73 Resp: 397551
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.4

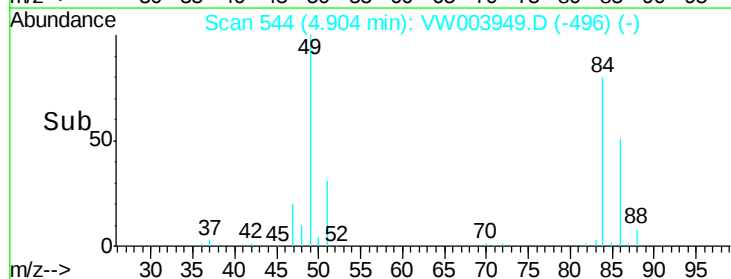
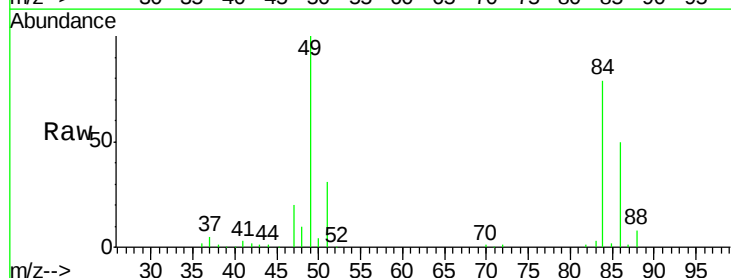
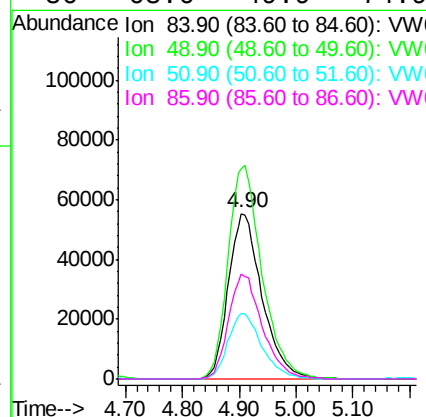
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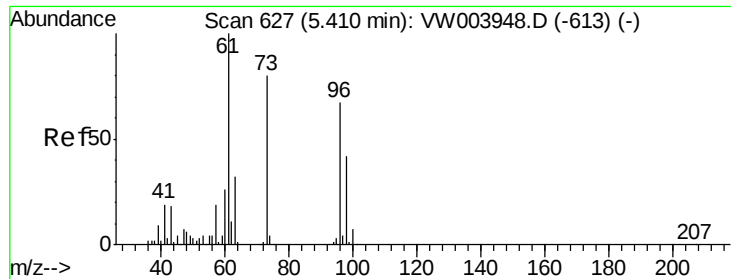
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#20
Methylene Chloride
Concen: 48.04 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion: 84 Resp: 228592
Ion Ratio Lower Upper
84 100
49 127.0 102.9 154.3
51 39.8 30.9 46.3
86 63.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 70.53 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

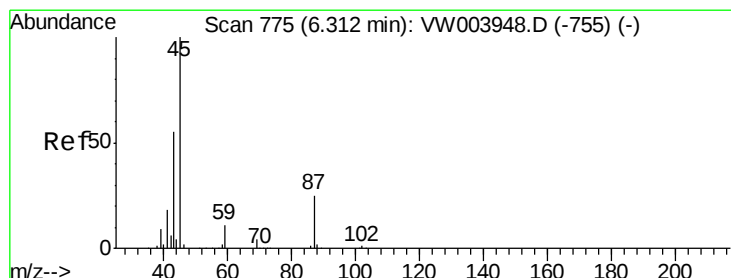
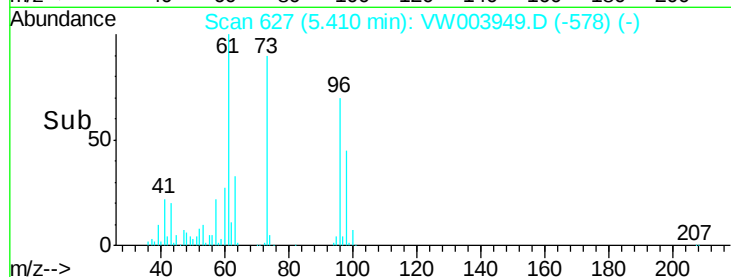
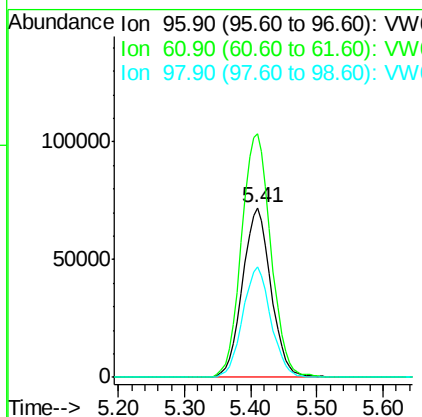
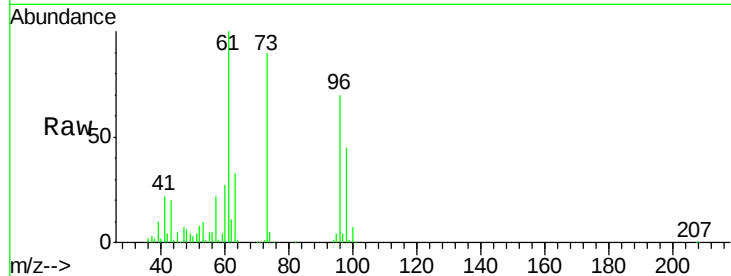
ClientSampled :

VSTDIC075

Tot Ion:	96	Resp:	216642
Ion Ratio	Lower	Upper	
96	100		
61	143.4	119.0	178.4
98	65.0	49.9	74.9

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#22

Diisopropyl ether

Concen: 71.74 ug/l

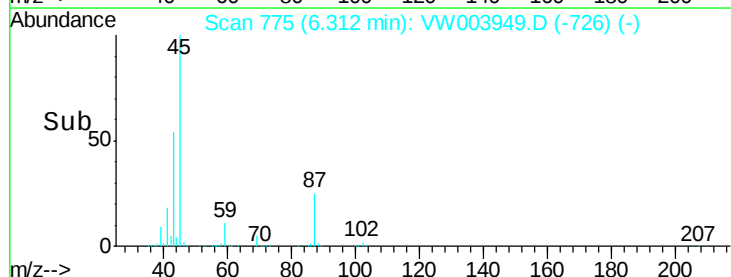
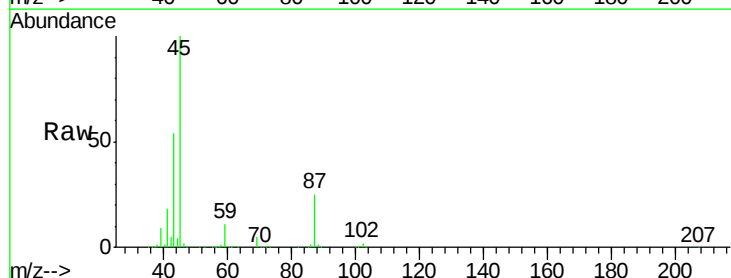
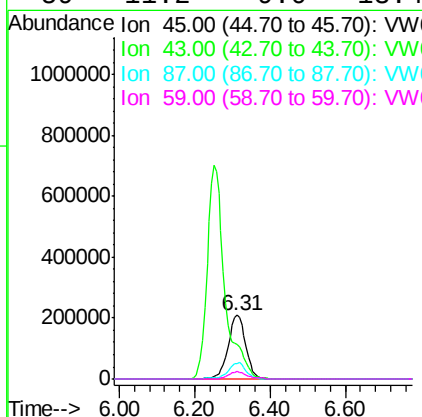
RT: 6.31 min Scan# 775

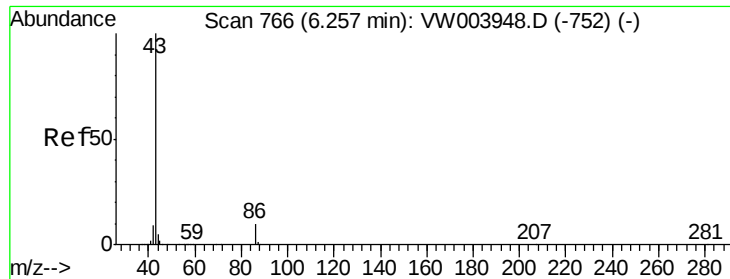
Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Tgt Ion:	45	Resp:	684463
Ion Ratio	Lower	Upper	
45	100		
43	54.0	44.3	66.5
87	24.5	20.2	30.4
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 385.03 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 2264153

Ion Ratio Lower Upper

43 100

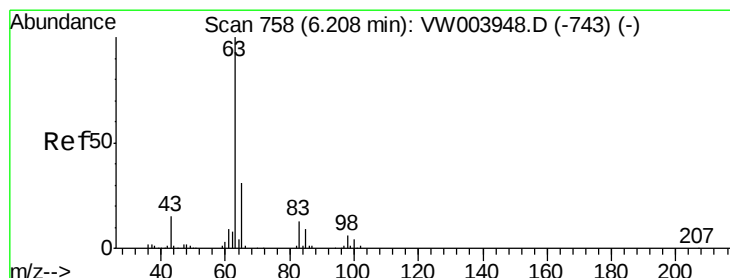
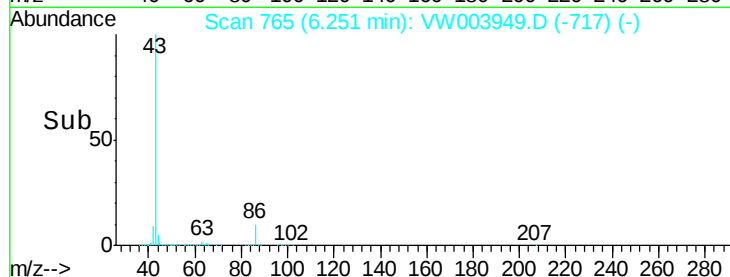
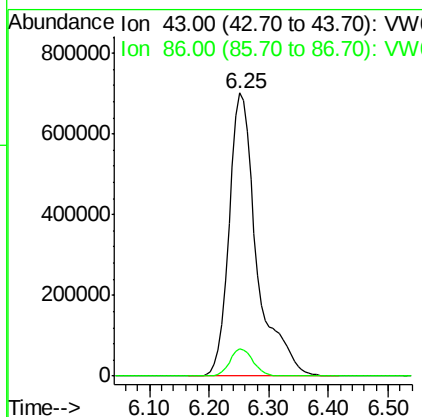
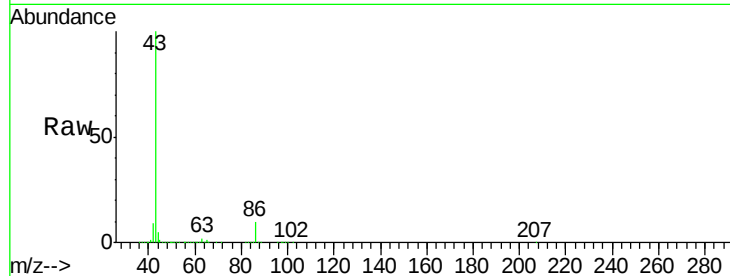
86 9.7 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 69.66 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

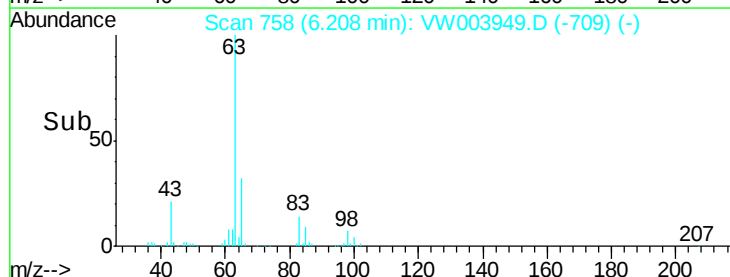
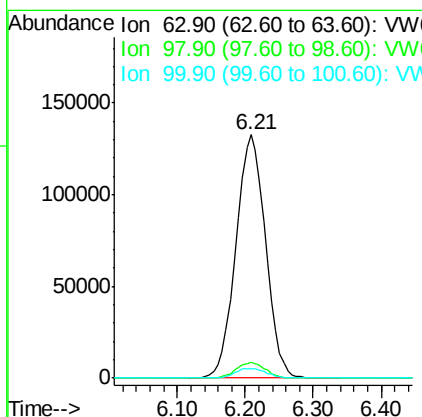
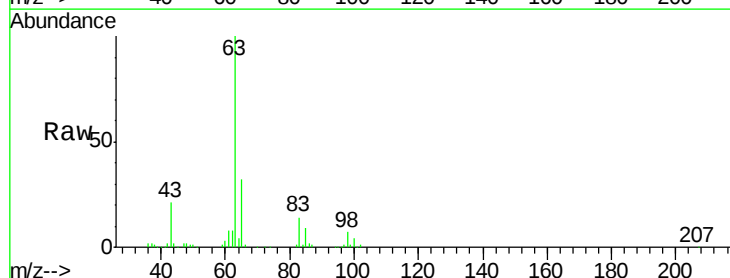
Tgt Ion: 63 Resp: 399902

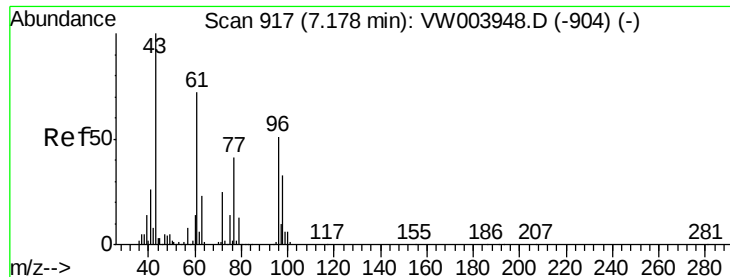
Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 400.96 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 396175

Ion Ratio Lower Upper

43 100

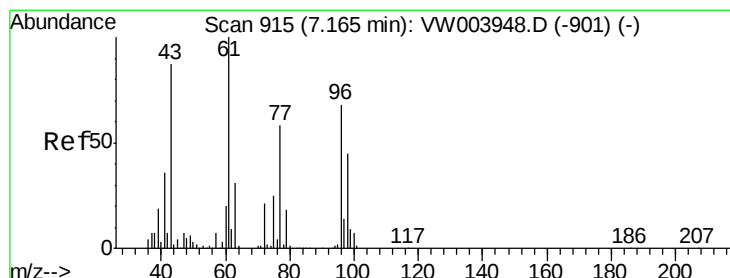
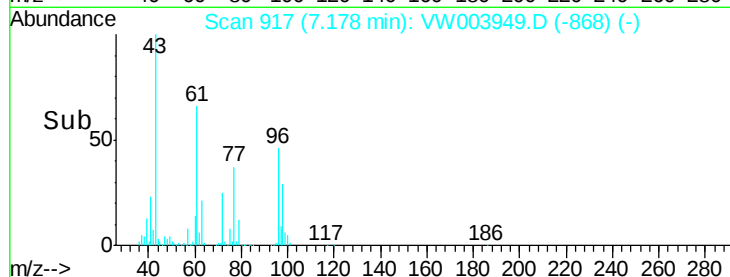
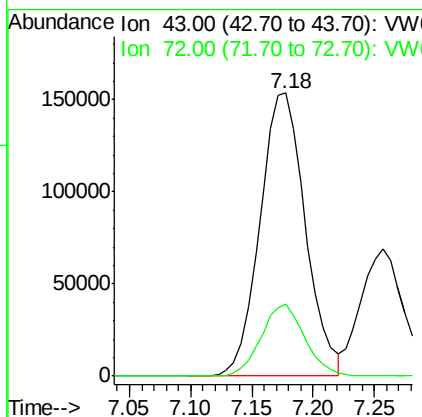
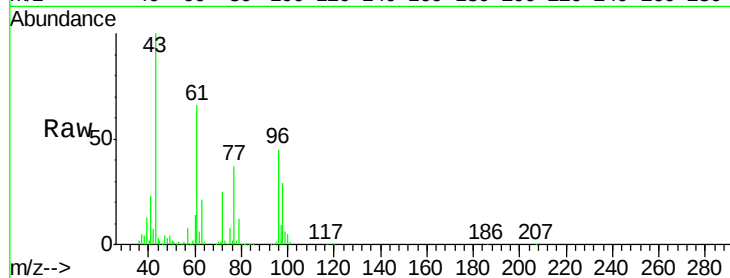
72 25.3 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 66.86 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003949.D

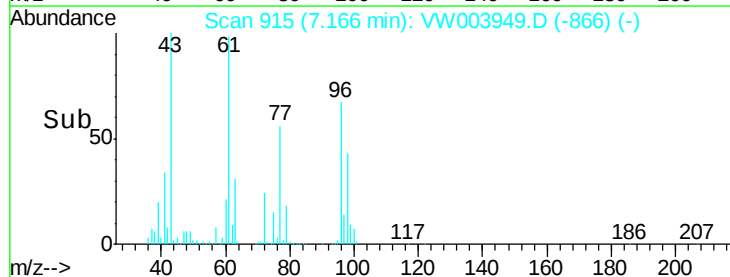
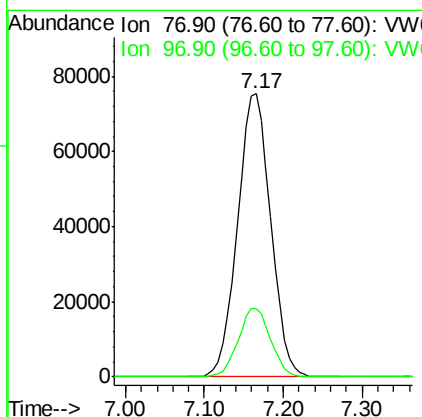
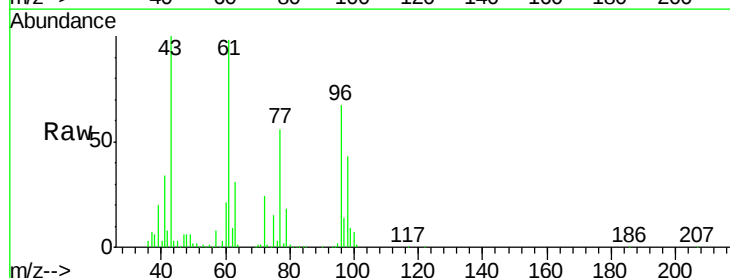
Acq: 16 Jul 2018 13:41

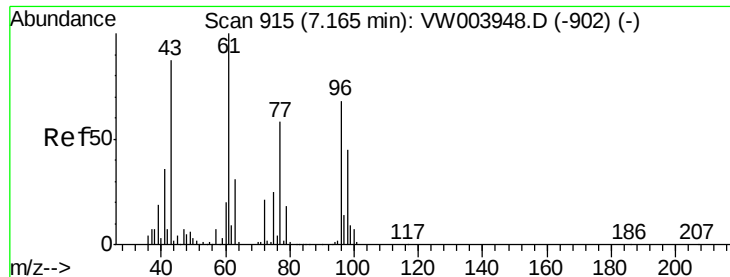
Tgt Ion: 77 Resp: 219713

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3





#27

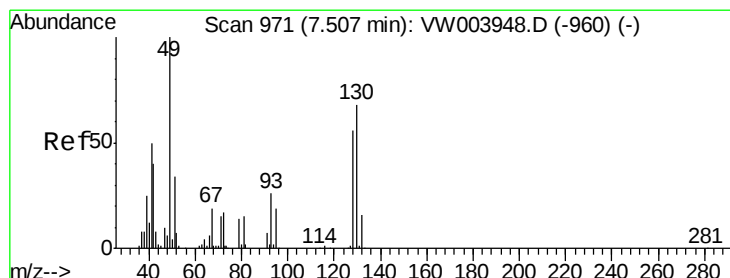
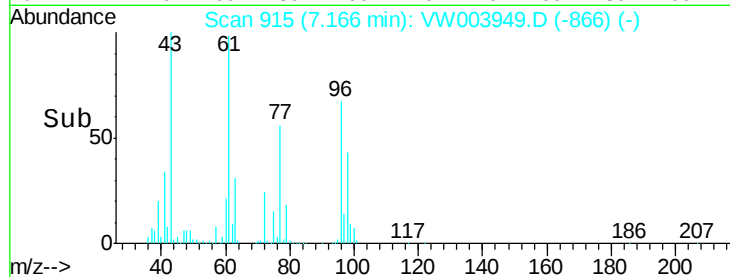
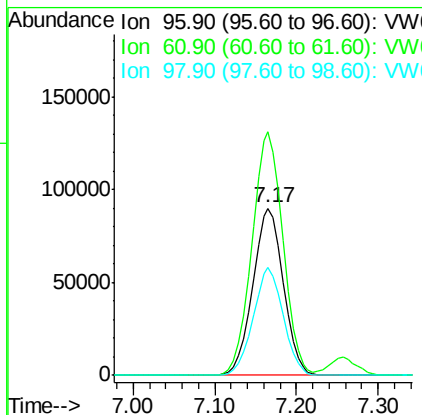
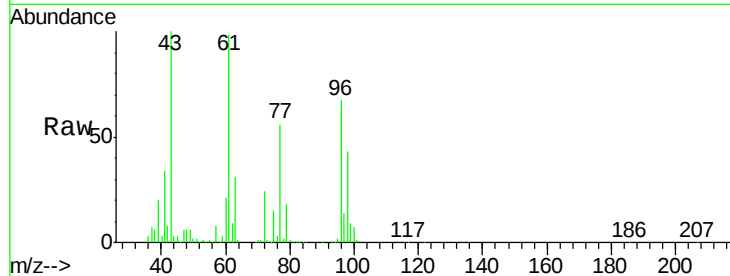
cis-1,2-Dichloroethene
 Concen: 70.83 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
96	100	235149		
61	147.6		0.0	298.6
98	63.4		0.0	130.4

Manual Integrations
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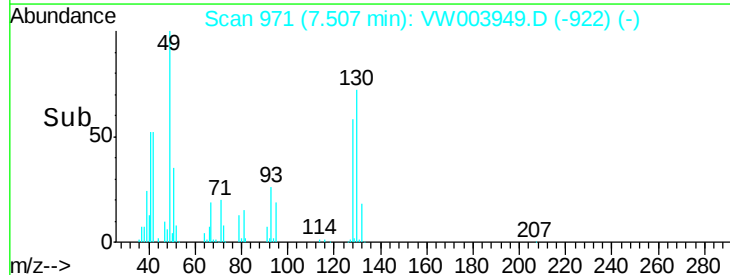
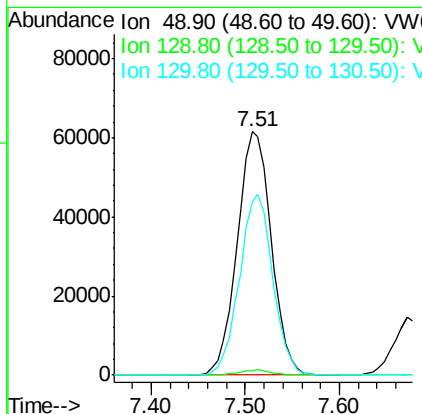
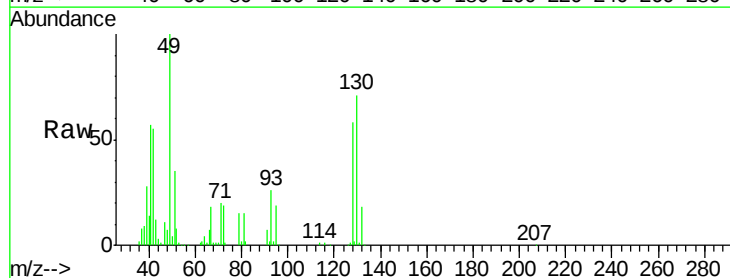
apatel
 7/17/2018 10:11:12 AM

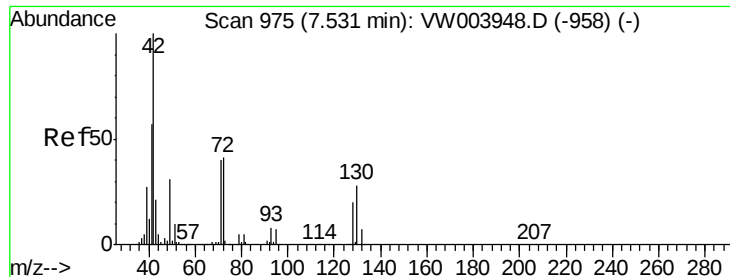


#28

Bromochloromethane
 Concen: 63.65 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	155696		
129	1.9		0.0	2.2
130	72.5		58.3	87.5





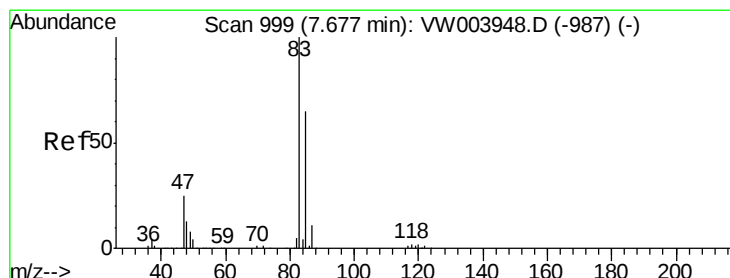
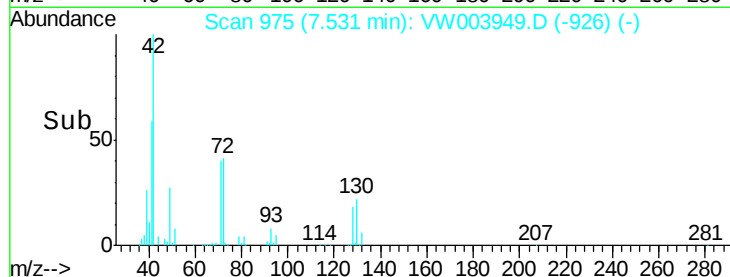
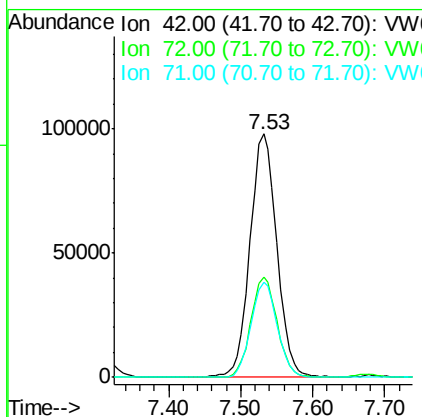
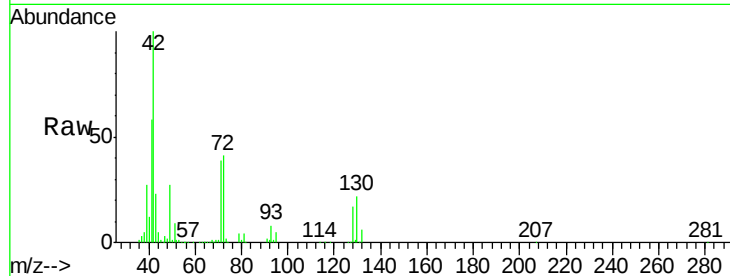
#29
Tetrahydrofuran
Concen: 409.22 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.6	48.8
71	38.3	30.5	45.7

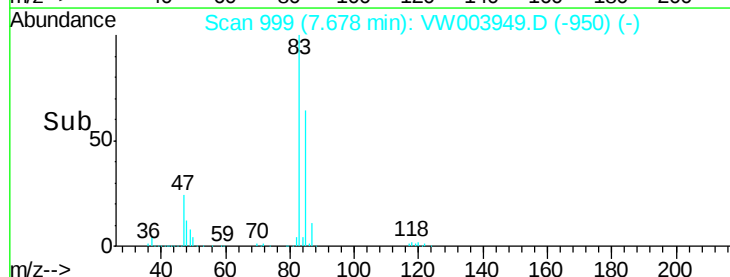
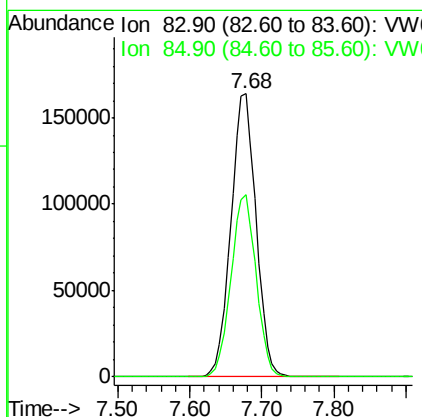
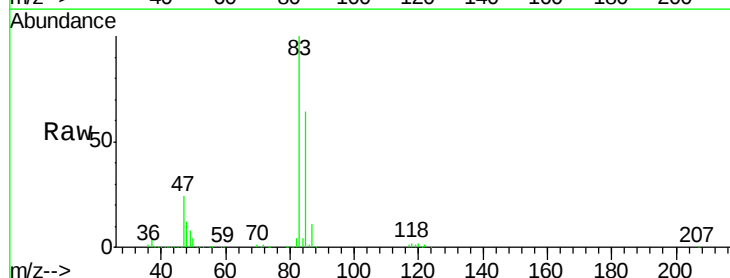
Manual Integrations
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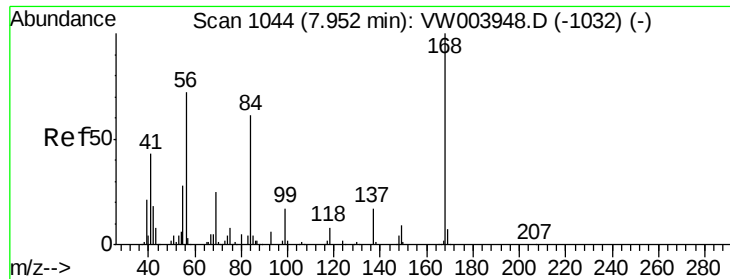
apatel
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#30
Chloroform
Concen: 69.20 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.2	78.4





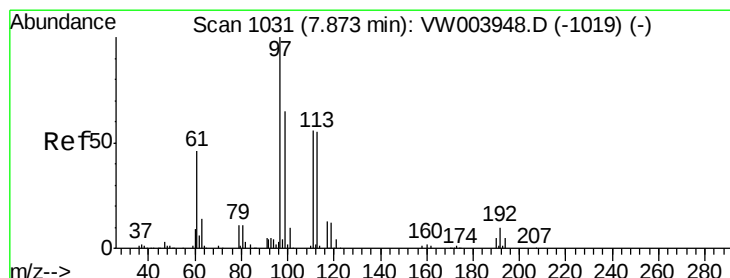
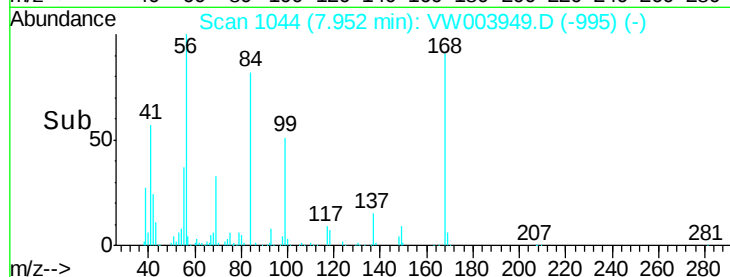
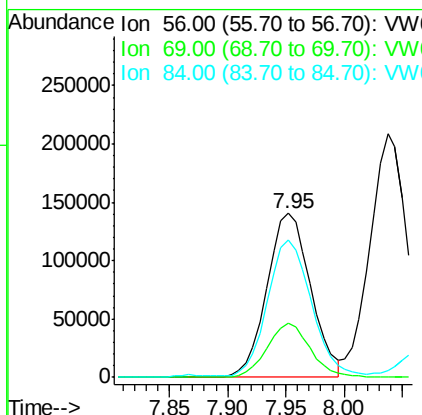
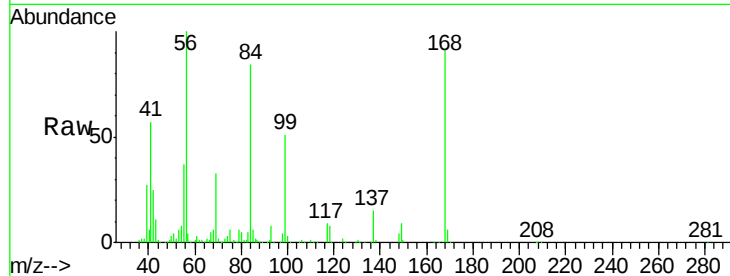
#31
Cyclohexane
Concen: 68.45 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.8	27.8	41.8	
84	82.8	67.2	100.8	

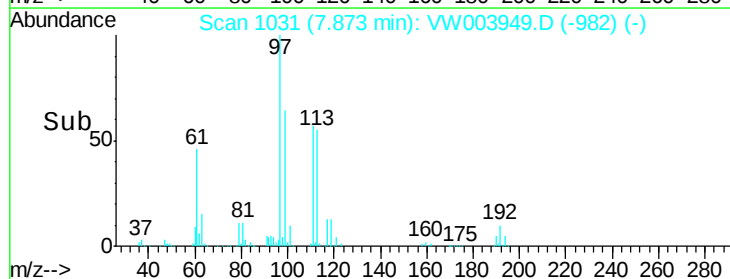
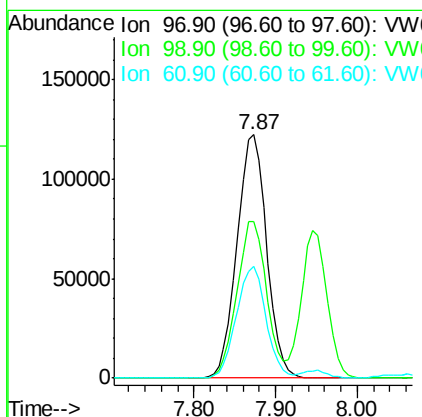
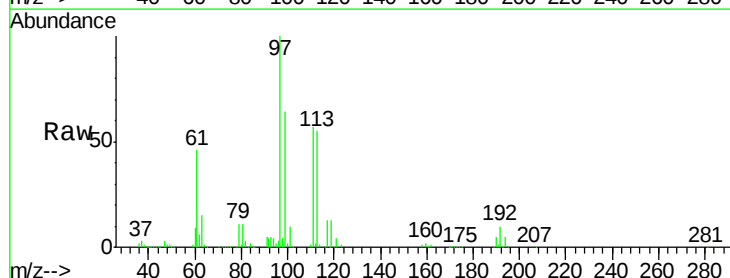
Manual Integrations
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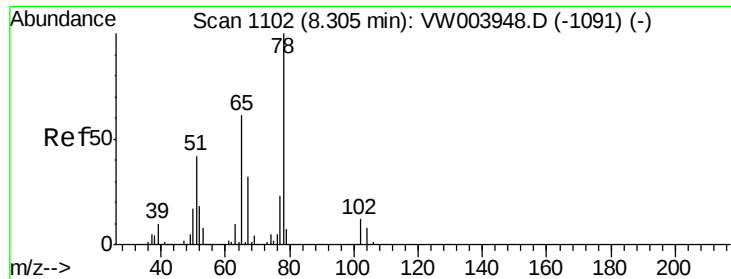
apatel
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#32
1,1,1-Trichloroethane
Concen: 68.92 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.2	51.3	76.9	
61	45.8	36.8	55.2	





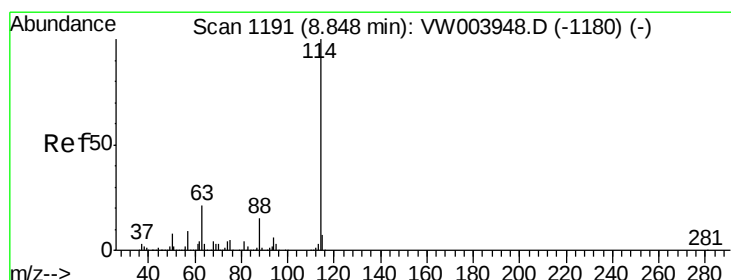
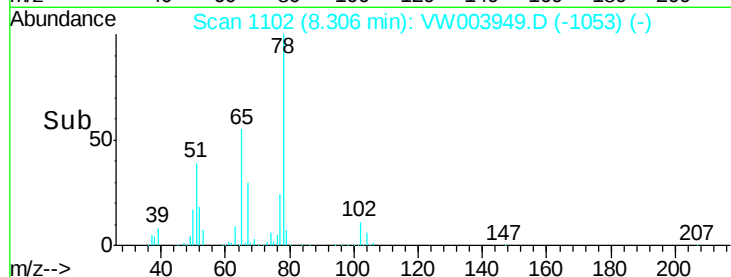
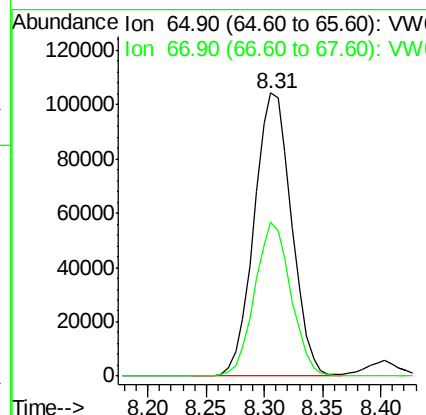
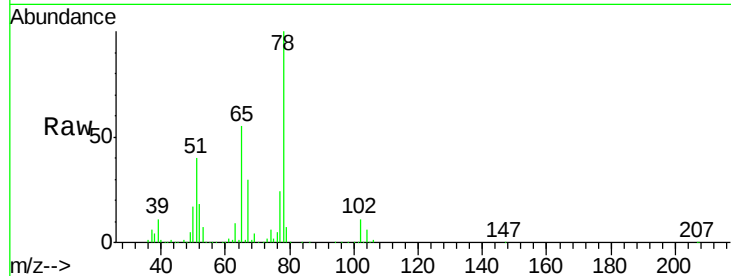
#33
 1,2-Dichloroethane-d4
 Concen: 71.53 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
65	100	232590		
67	52.5	0.0	105.0	

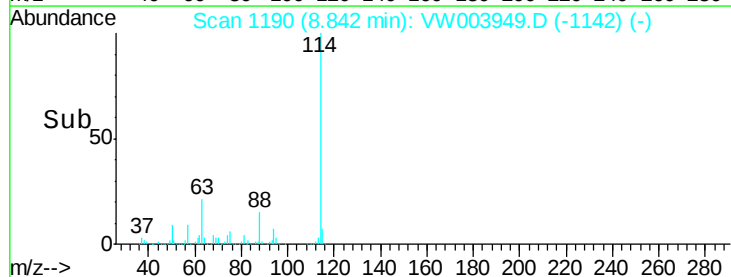
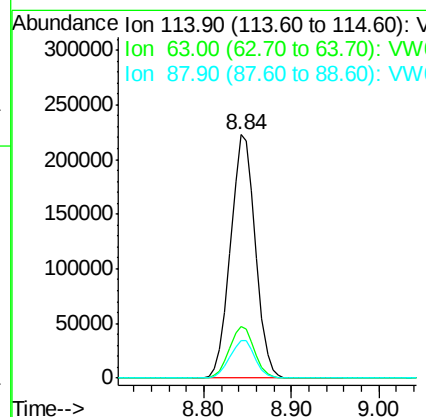
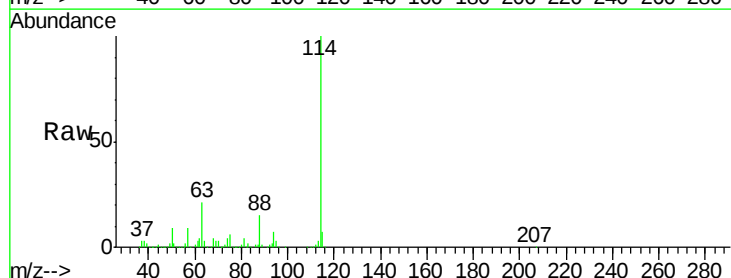
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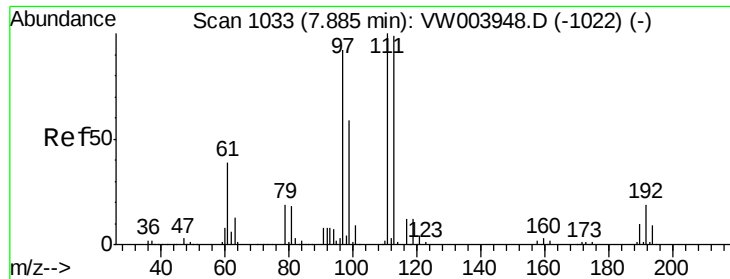
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	439233		
63	21.4	0.0	42.8	
88	15.4	0.0	30.4	





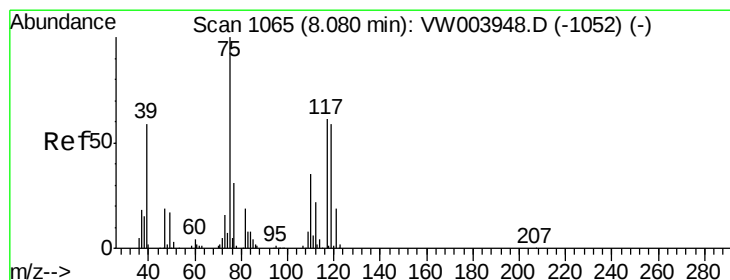
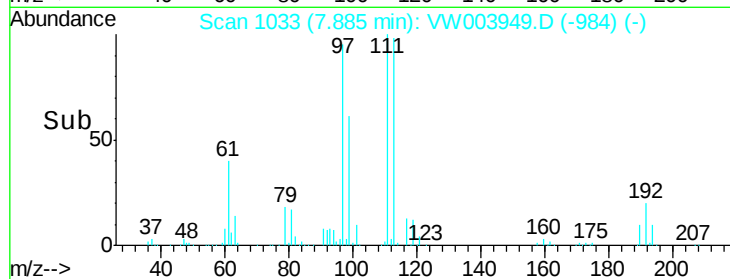
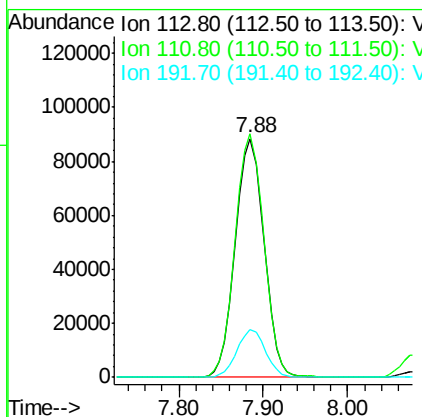
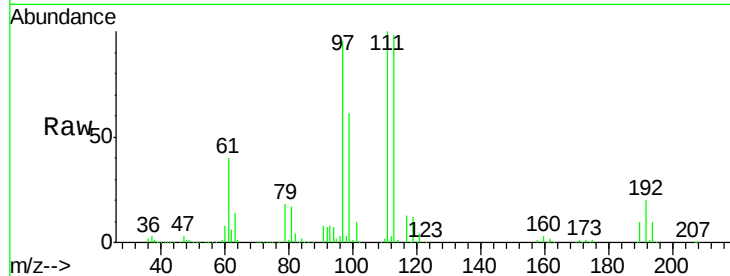
#35
 Dibromofluoromethane
 Concen: 72.02 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
113	100	204649		
111	102.0	81.3	121.9	
192	19.8	15.8	23.6	

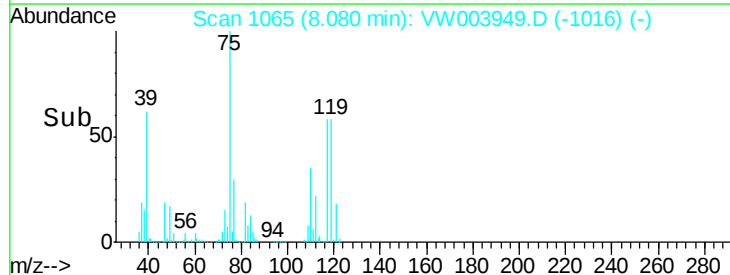
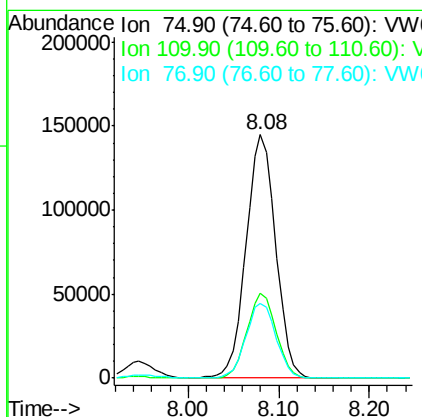
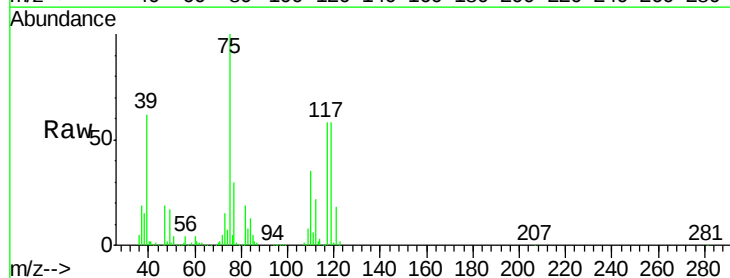
Manual Integrations
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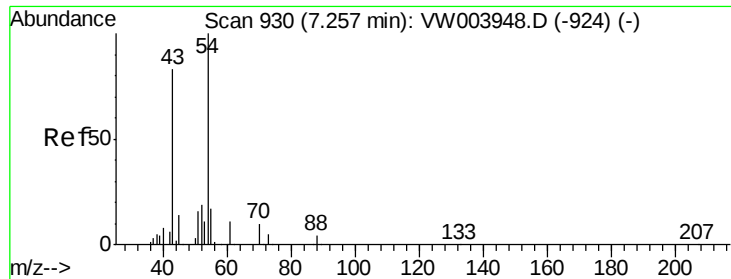
apatel
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#36
 1,1-Dichloropropene
 Concen: 71.84 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	325773		
110	34.3	17.0	51.0	
77	31.7	24.9	37.3	





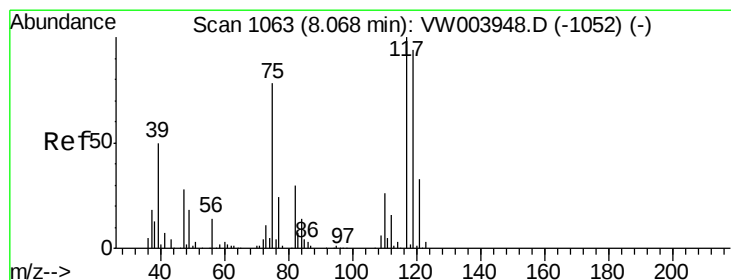
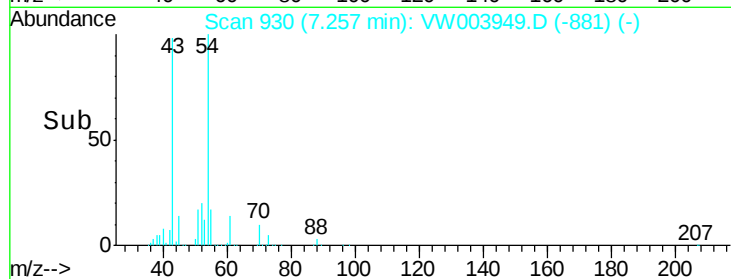
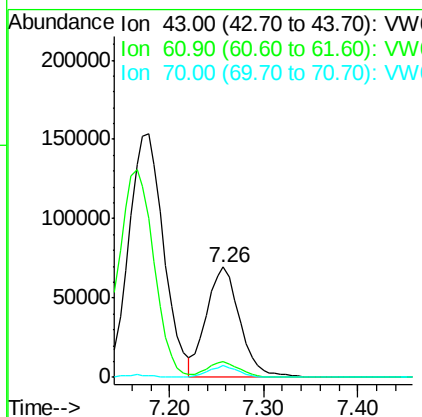
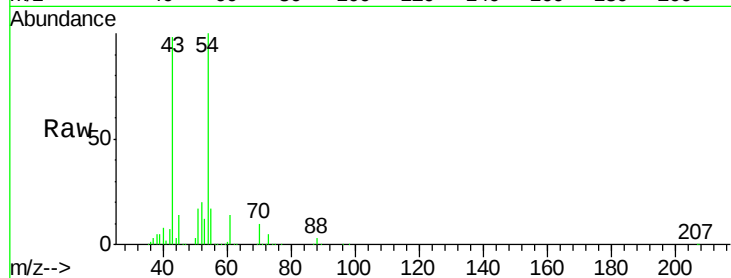
#37
Ethyl Acetate
Concen: 81.41 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.7	16.1
70	9.5	7.7	11.5

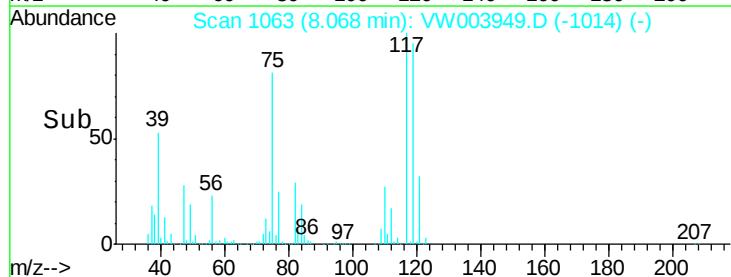
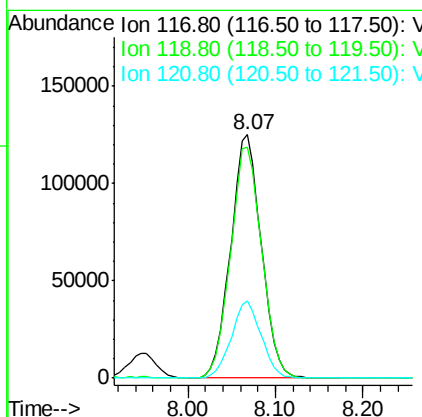
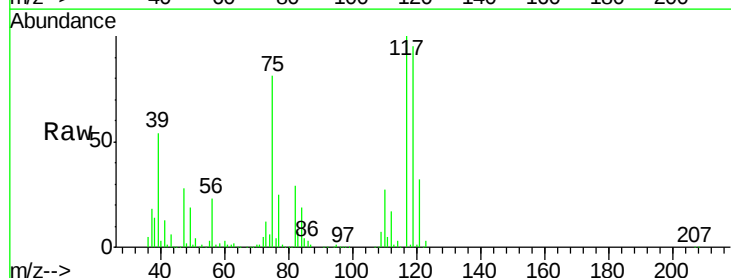
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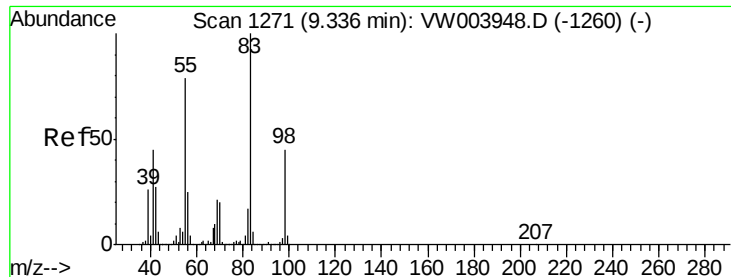
apatel
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#38
Carbon Tetrachloride
Concen: 72.11 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.3	112.9
121	31.6	26.0	39.0





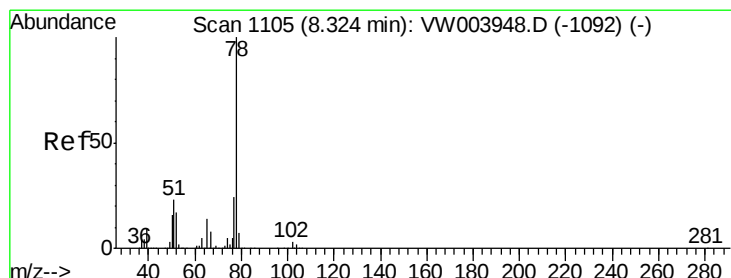
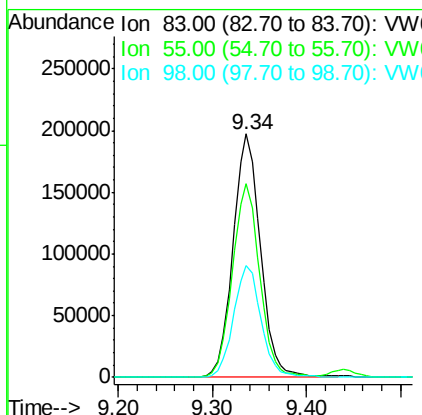
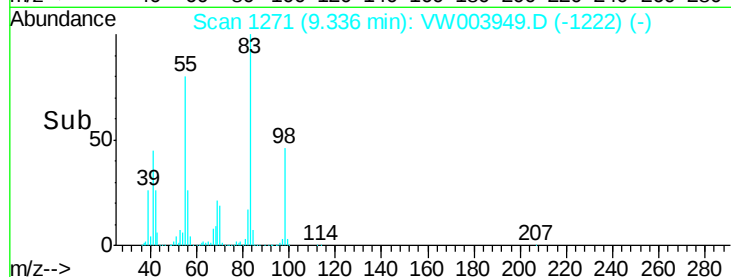
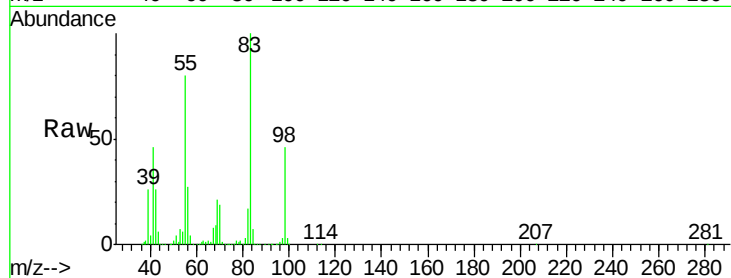
#39
Methvlcvclohexane
Concen: 76.74 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	62.8	94.2
98	45.8	36.2	54.4

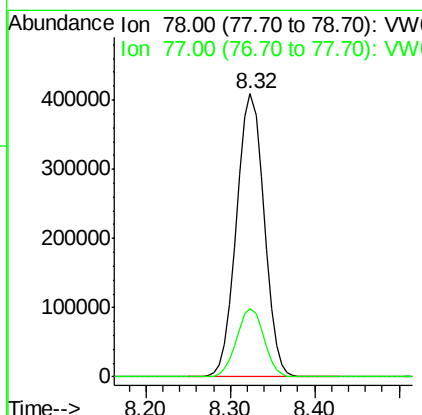
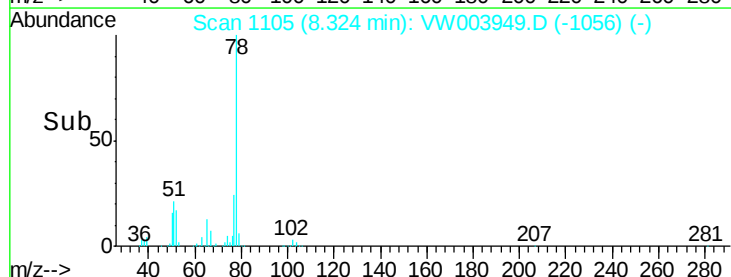
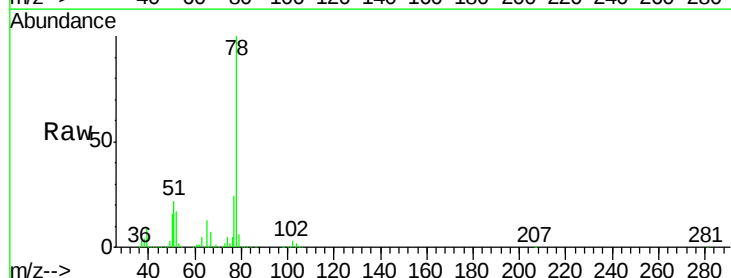
Manual Integrations
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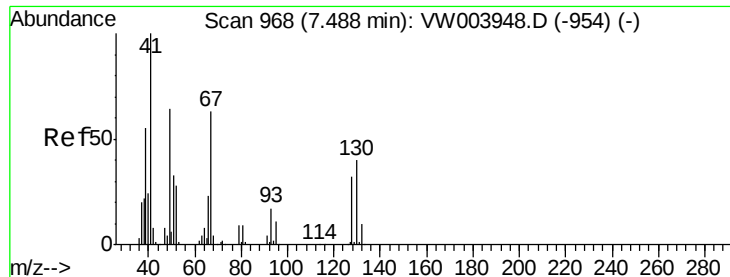
apatel
7/17/2018 10:11:12 AM



#40
Benzene
Concen: 71.36 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





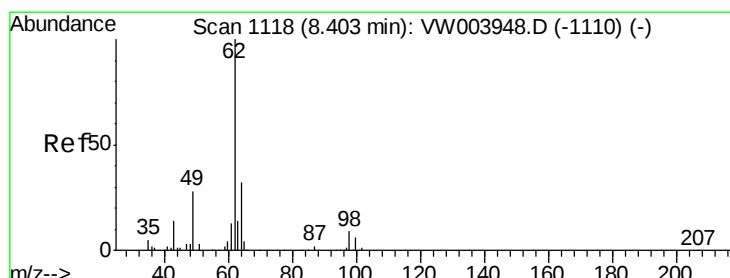
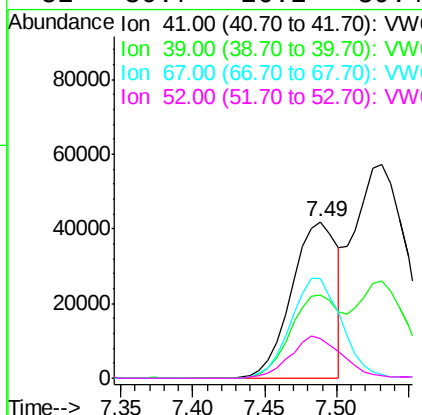
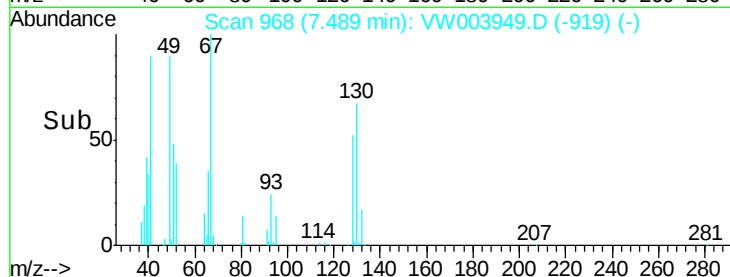
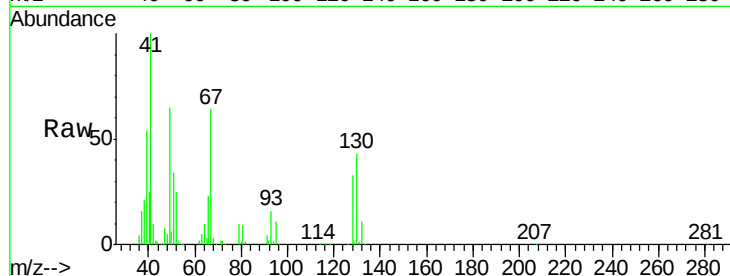
#41
Methacrylonitrile
Concen: 77.91 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.1	50.0	75.0
67	71.8	60.8	91.2
52	30.7	26.2	39.4

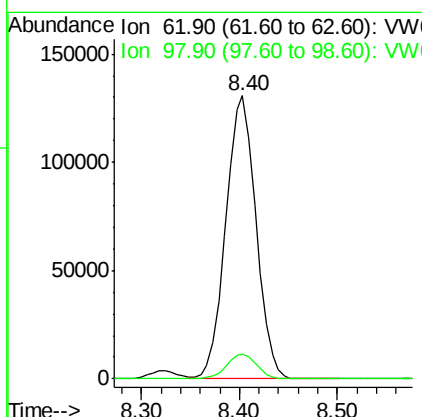
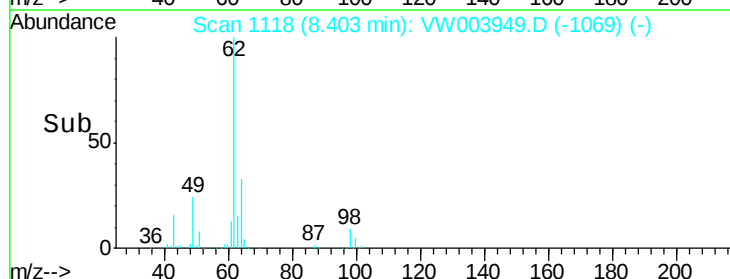
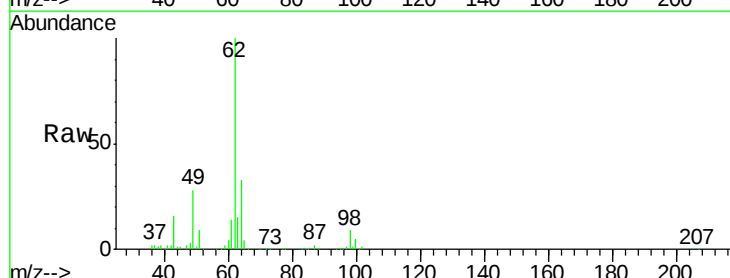
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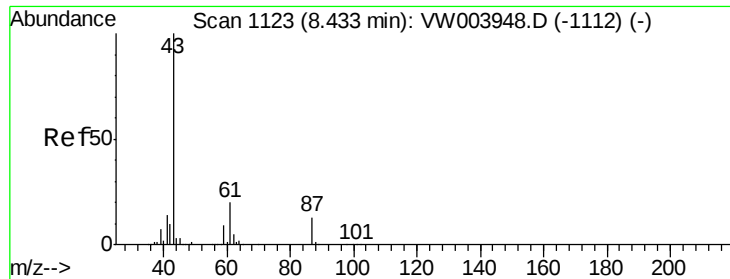
apatel
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#42
1,2-Dichloroethane
Concen: 72.49 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.4





#43

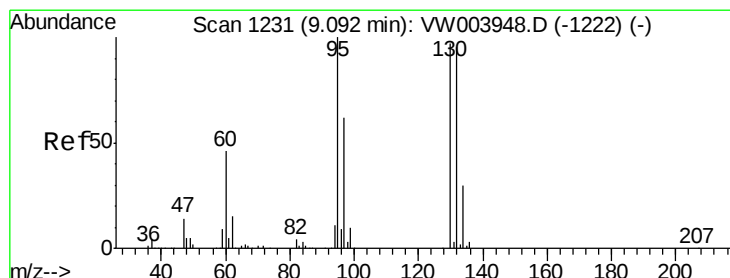
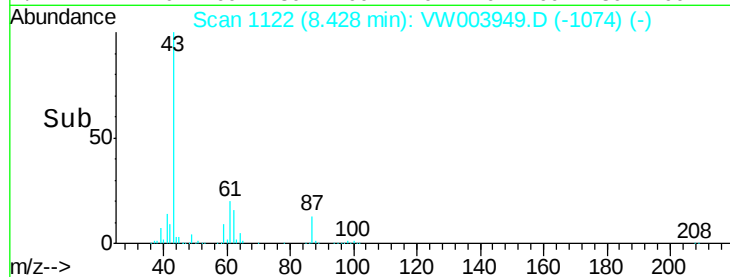
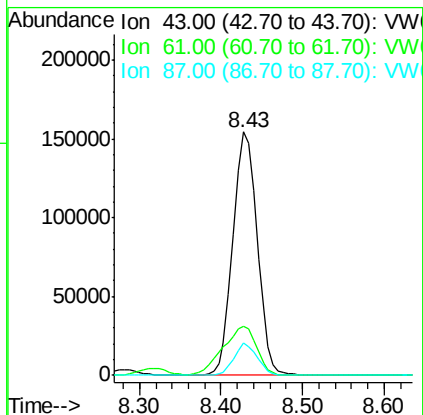
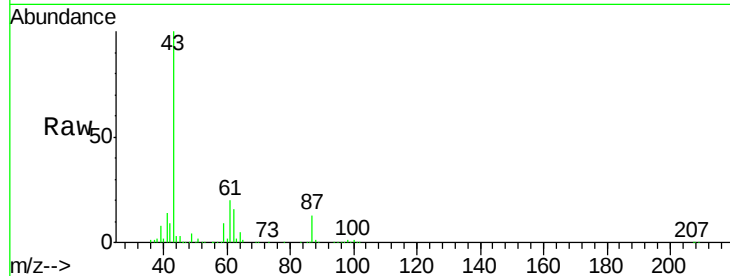
Isopropyl Acetate
 Concen: 79.99 ug/l
 RT: 8.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.1	23.0	34.6
87	12.5	9.9	14.9

Manual Integrations
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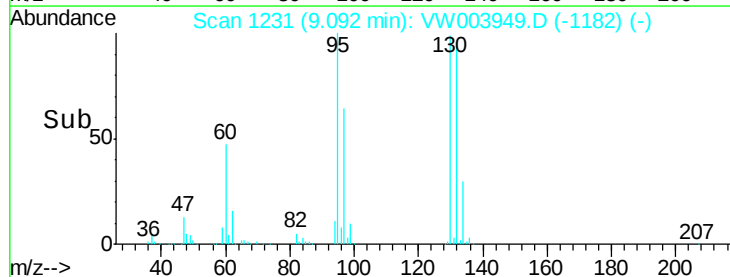
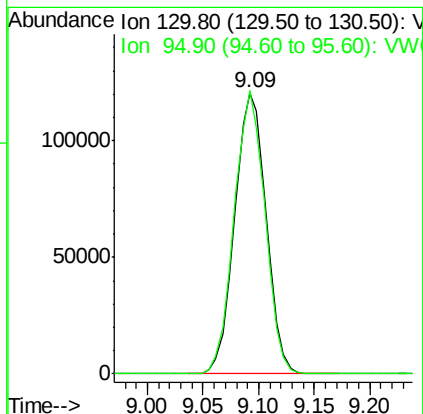
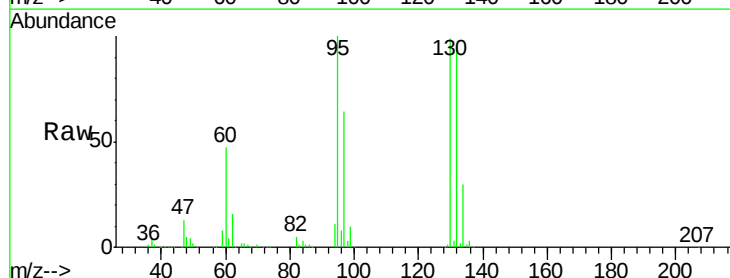
apatel
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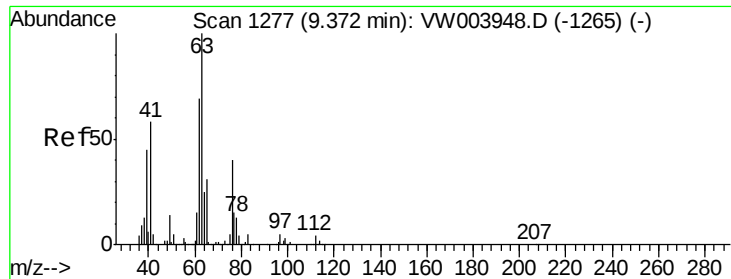


#44

Trichloroethene
 Concen: 72.53 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	206.8





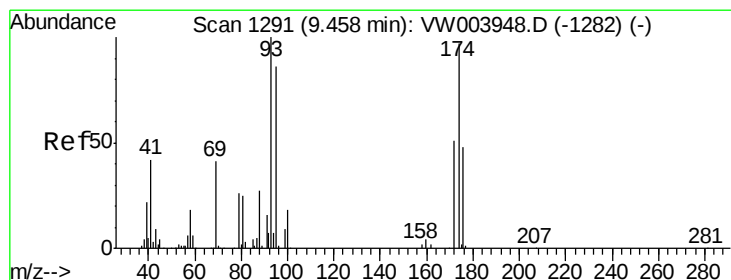
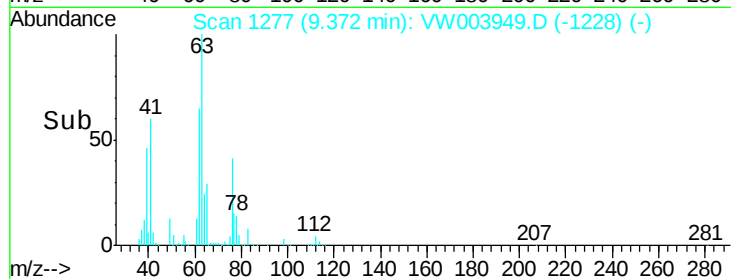
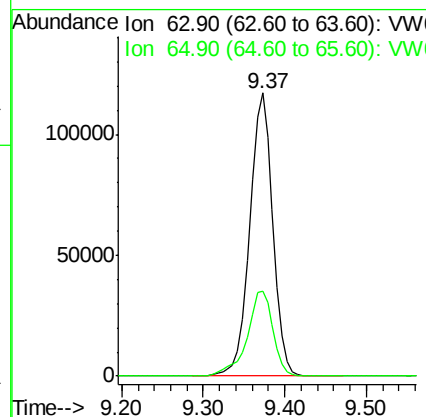
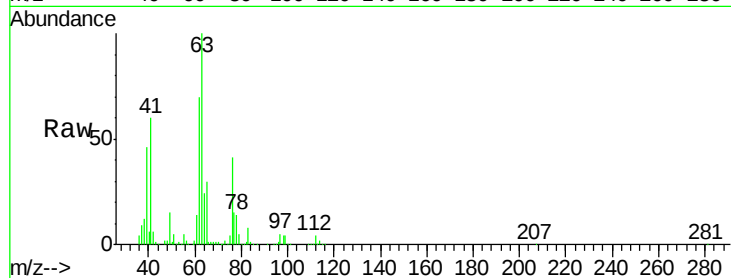
#45
 1,2-Dichloropropane
 Concen: 71.01 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.8	37.2

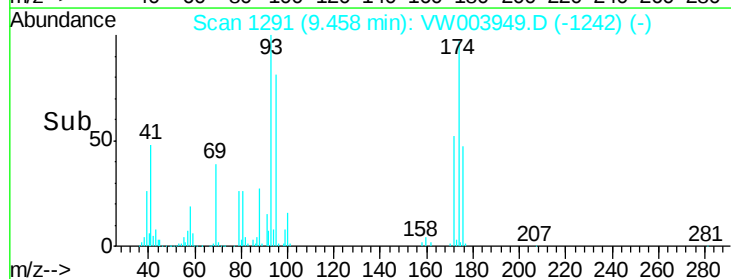
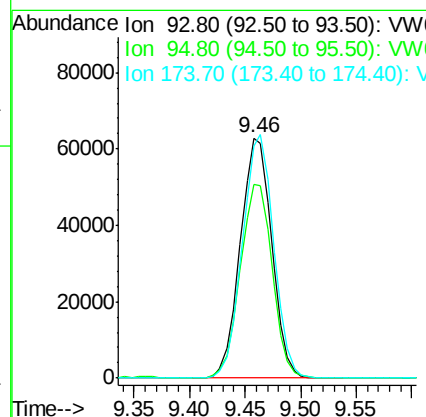
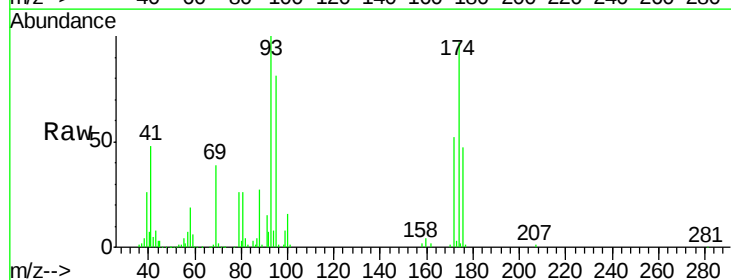
Manual Integrations
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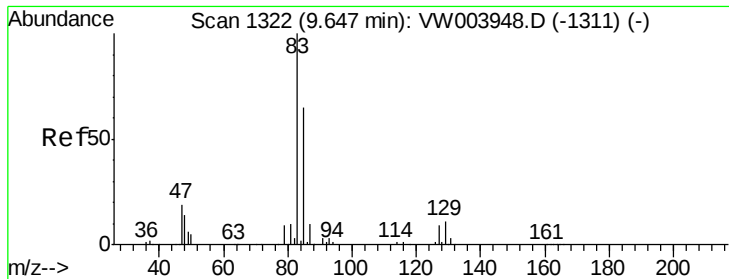
apatel
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#46
 Dibromomethane
 Concen: 74.38 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	66.9	100.3
174	100.4	80.2	120.2





#47

Bromodichloromethane

Concen: 72.08 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

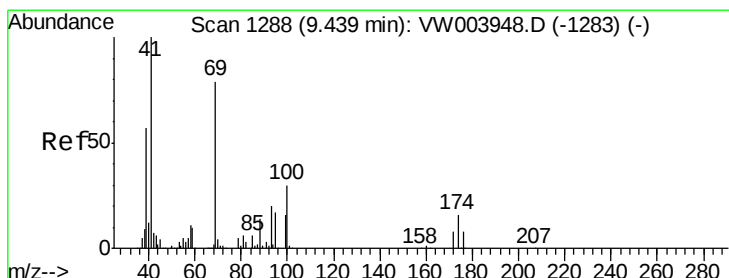
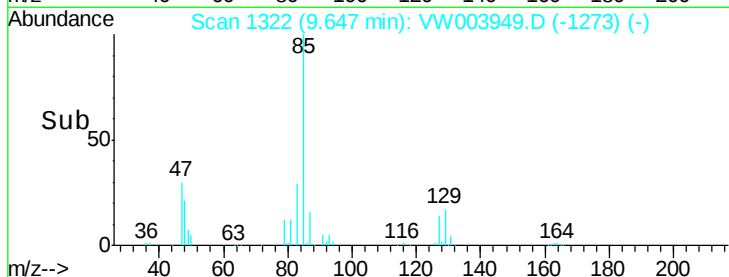
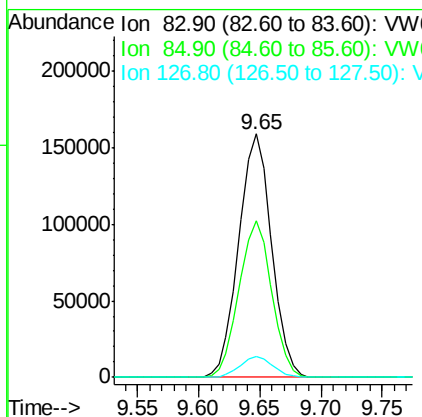
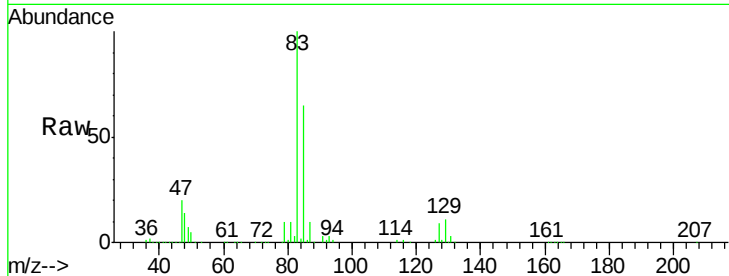
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	297355
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.2	78.2
127	8.8	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 83.54 ug/l

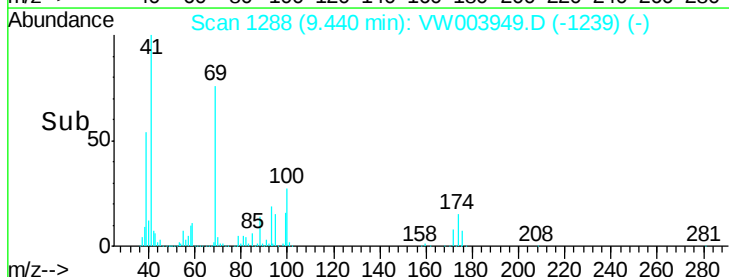
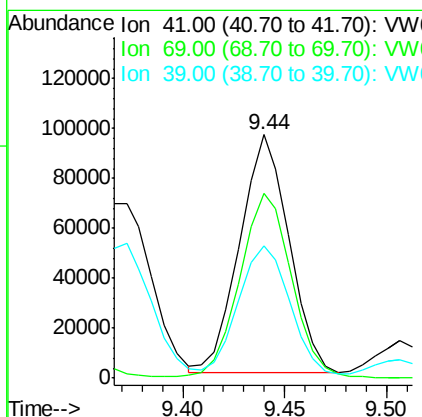
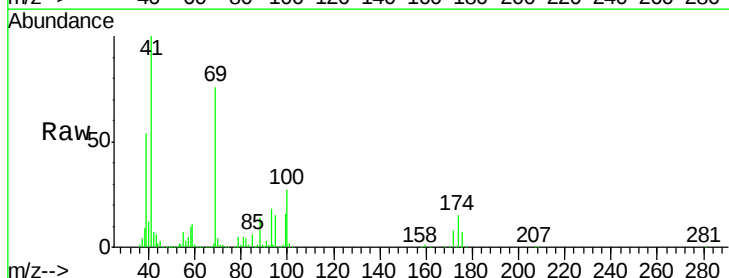
RT: 9.44 min Scan# 1288

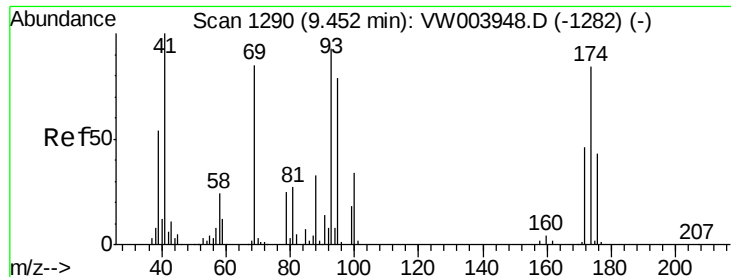
Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Tgt Ion:	41	Resp:	159087
Ion	Ratio	Lower	Upper
41	100		
69	82.4	67.0	100.6
39	59.4	48.8	73.2





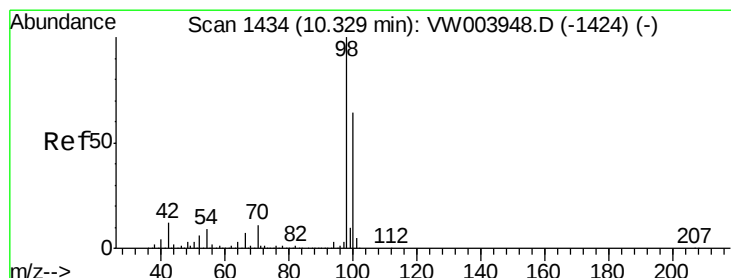
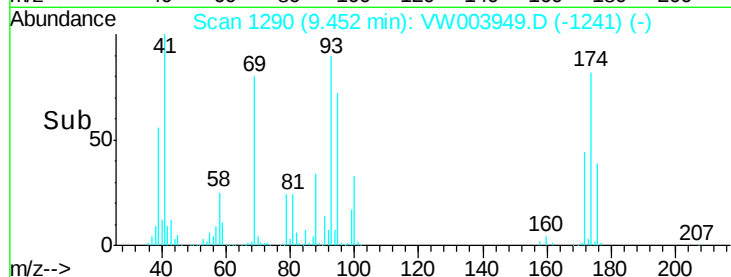
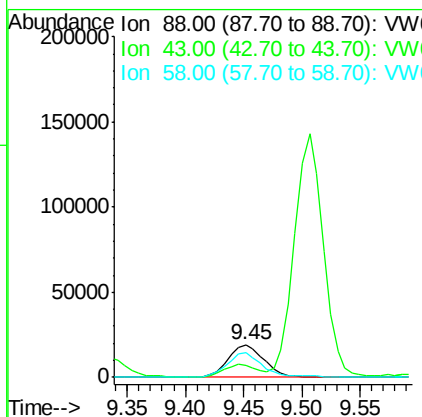
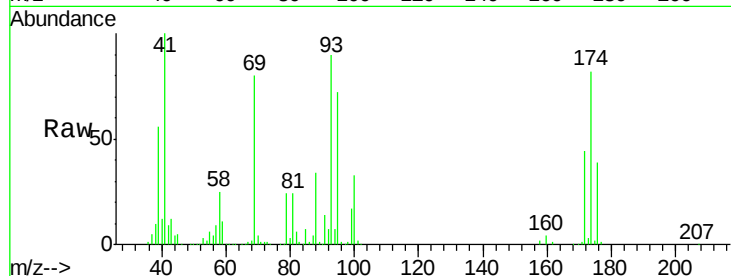
#49
1,4-Dioxane
Concen: 1640.40 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	88	Resp	41100
Ion	Ratio	Lower	Upper
88	100		
43	35.9	27.3	40.9
58	76.5	61.1	91.7

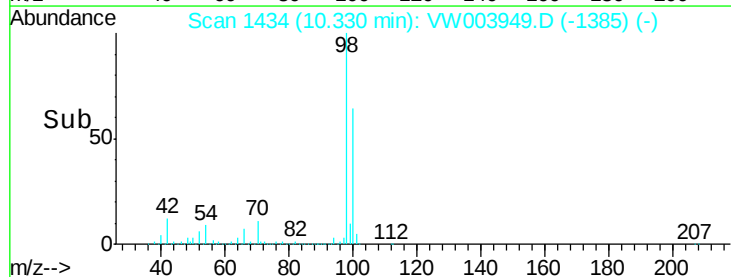
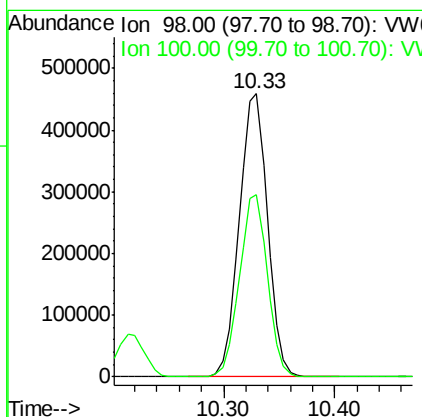
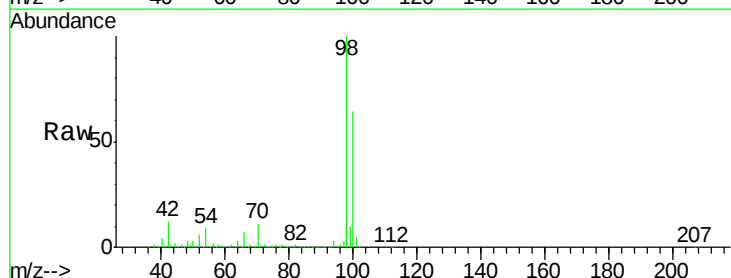
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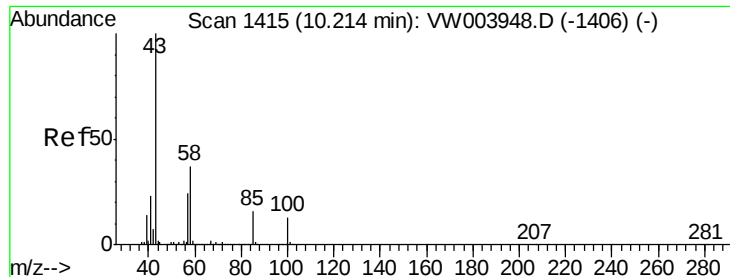
apatel
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#50
Toluene-d8
Concen: 72.66 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion	98	Resp	805754
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 410.25 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 864900

Ion Ratio Lower Upper

43 100

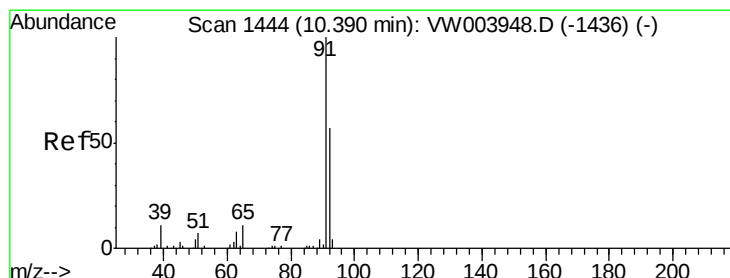
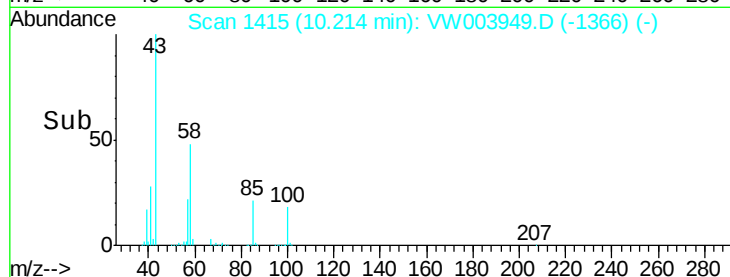
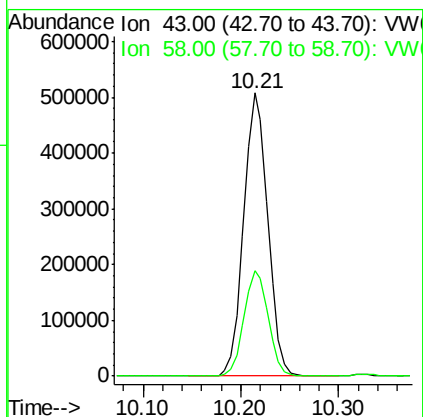
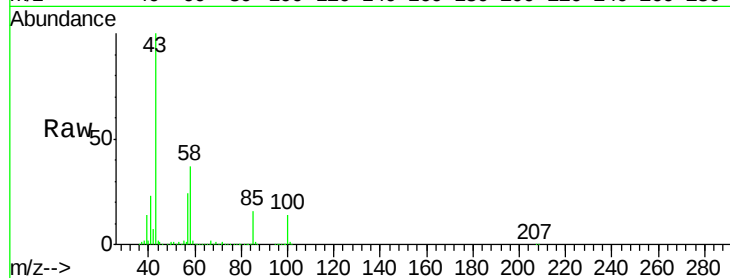
58 37.4 29.9 44.9

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#52

Toluene

Concen: 71.57 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003949.D

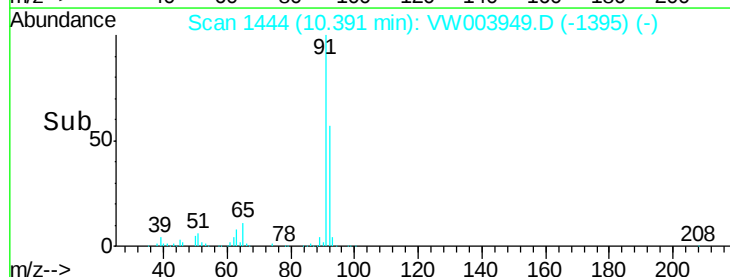
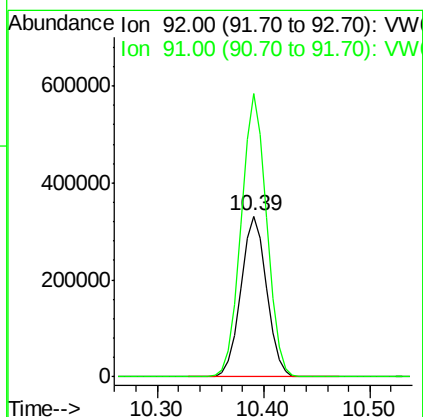
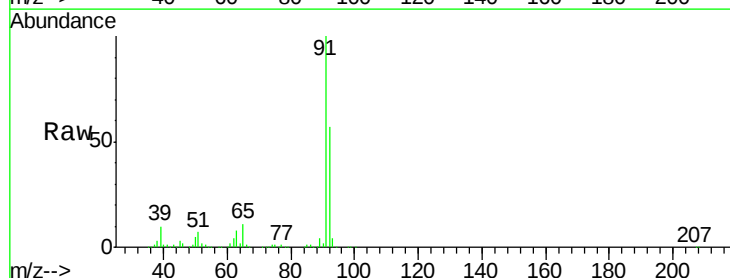
Acq: 16 Jul 2018 13:41

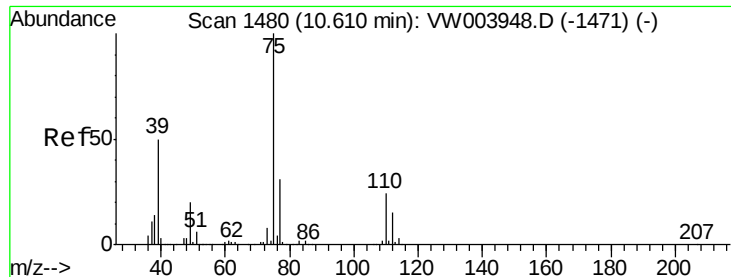
Tgt Ion: 92 Resp: 563313

Ion Ratio Lower Upper

92 100

91 174.5 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 75.44 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 75 Resp: 321112

Ion Ratio Lower Upper

75 100

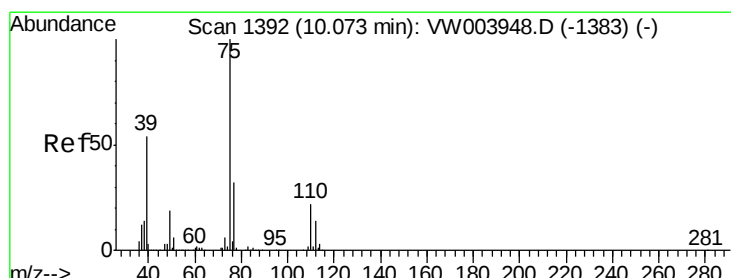
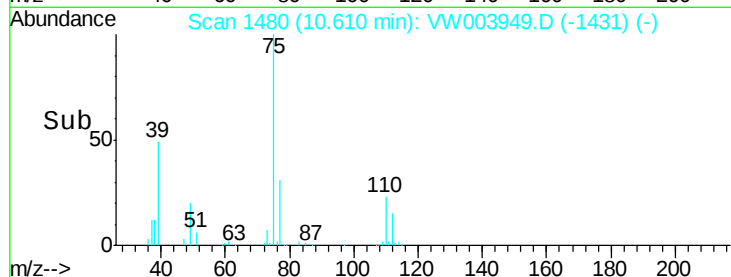
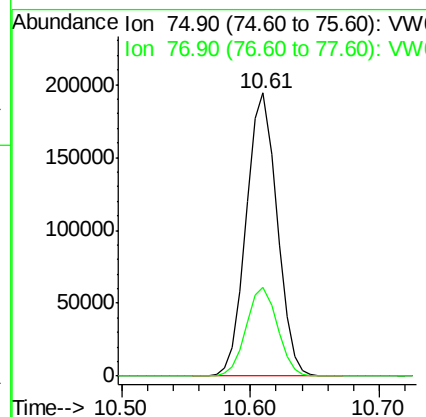
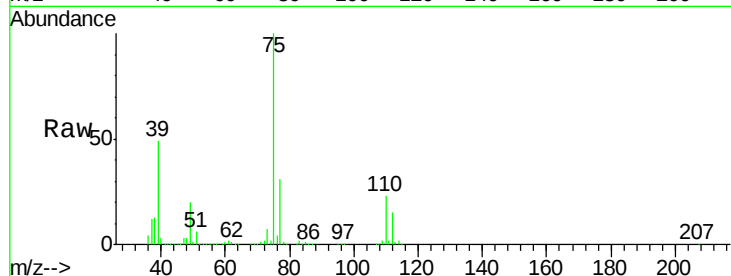
77 31.3 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 74.08 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

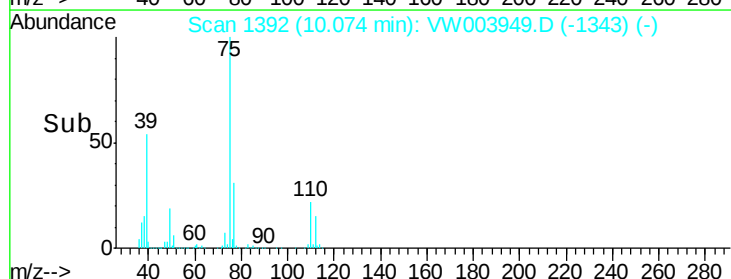
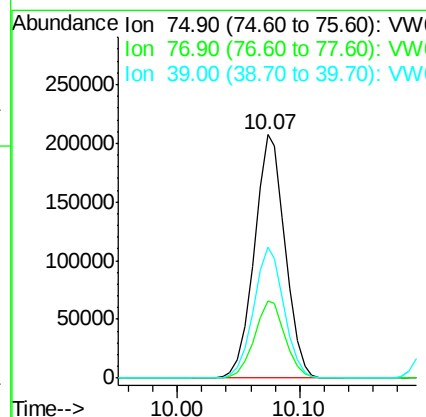
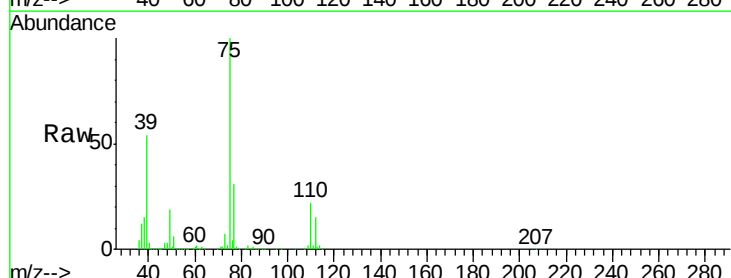
Tgt Ion: 75 Resp: 361546

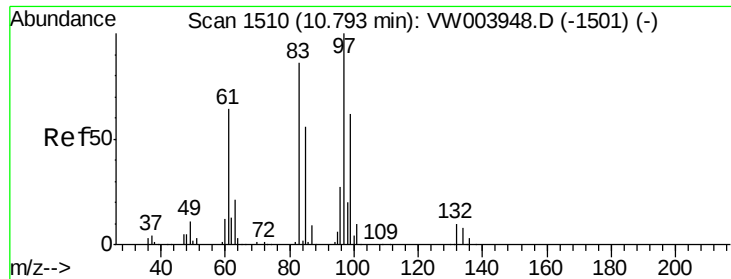
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

39 53.7 43.0 64.6





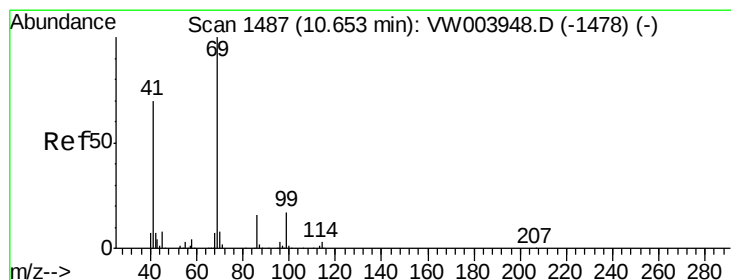
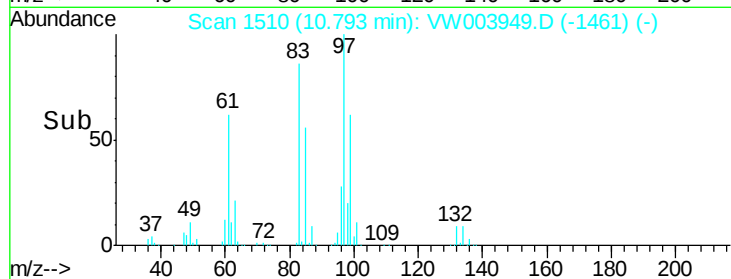
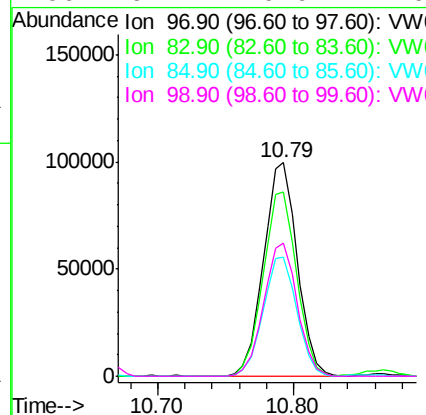
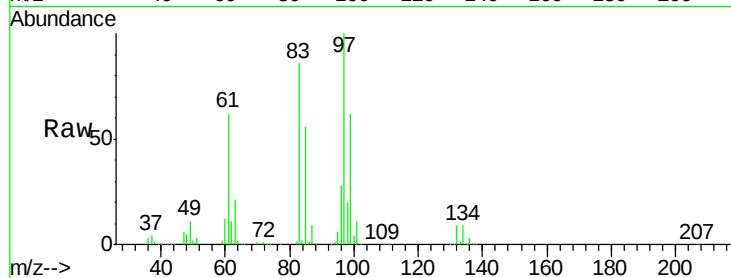
#55
1,1,2-Trichloroethane
Concen: 73.58 ug/l
RT: 10.79 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
97	100	172684		
83	86.1	69.0	103.4	
85	55.8	45.0	67.6	
99	62.1	49.9	74.9	

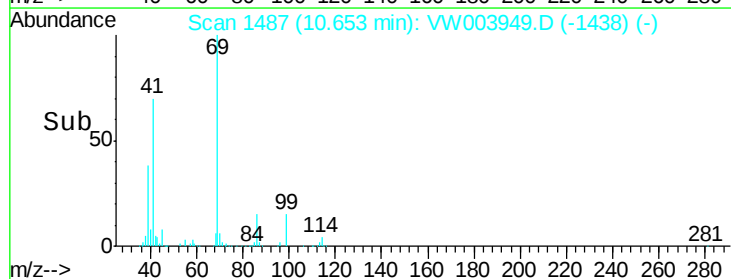
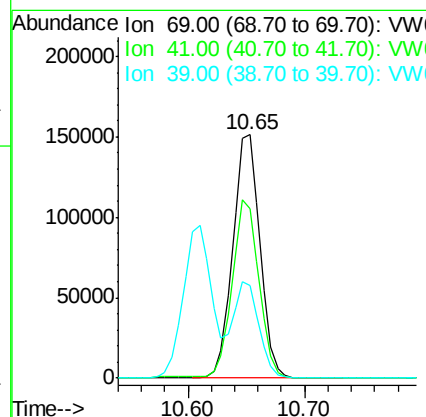
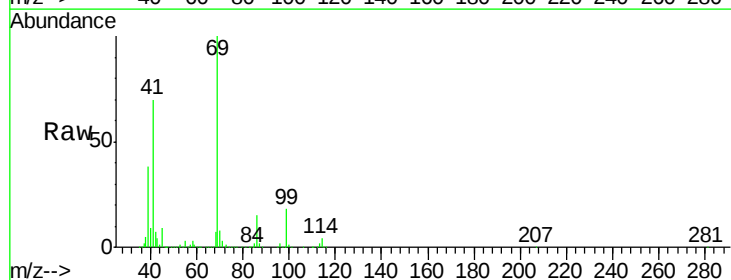
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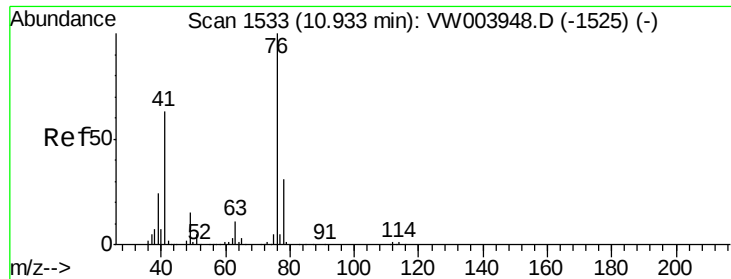
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#56
Ethyl methacrylate
Concen: 82.69 ug/l
RT: 10.65 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	245007		
41	71.6	56.5	84.7	
39	38.2	30.2	45.4	





#57

1,3-Dichloropropane

Concen: 74.39 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 76 Resp: 303365

Ion Ratio Lower Upper

76 100

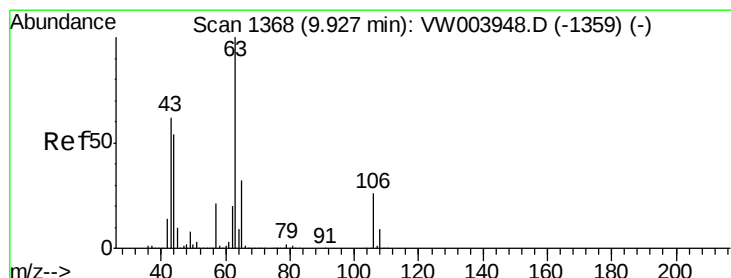
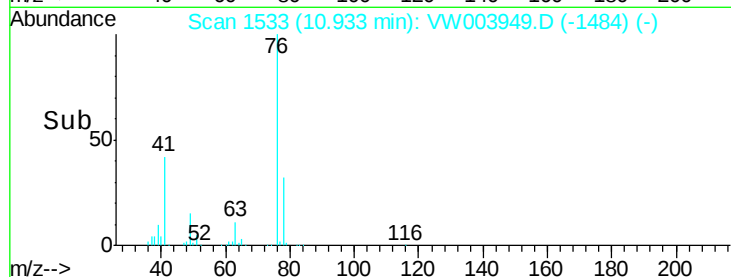
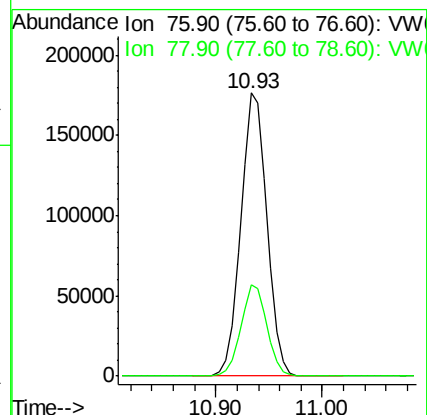
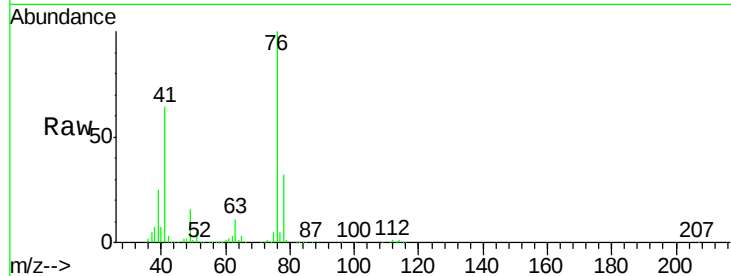
78 32.0 25.2 37.8

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#58

2-Chloroethyl Vinyl ether

Concen: 377.09 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003949.D

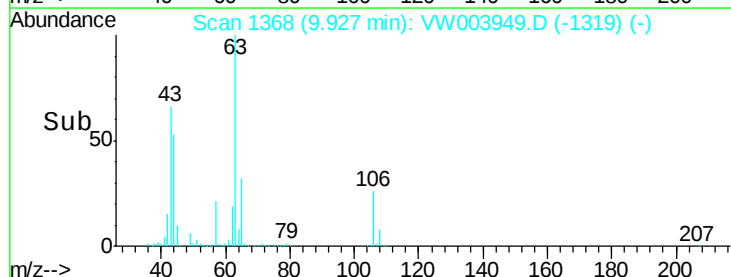
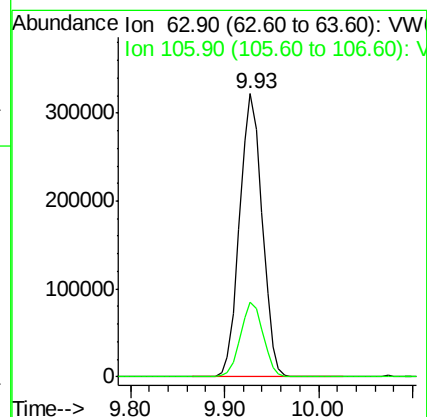
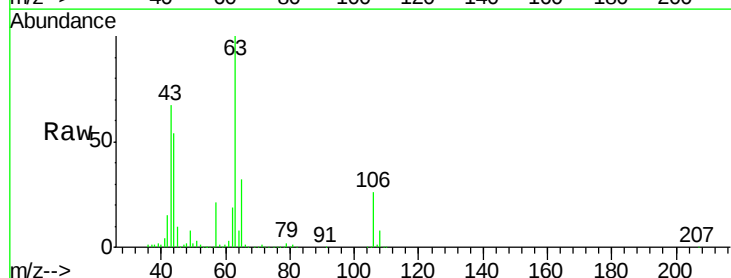
Acq: 16 Jul 2018 13:41

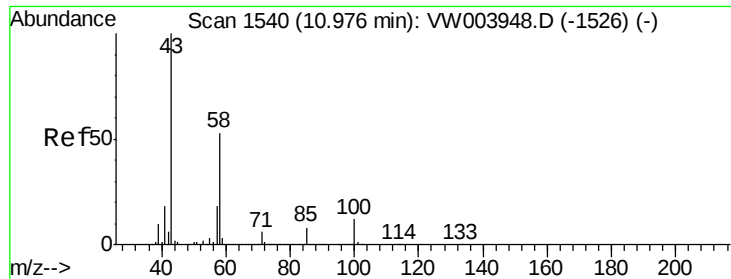
Tgt Ion: 63 Resp: 538367

Ion Ratio Lower Upper

63 100

106 26.4 21.2 31.8





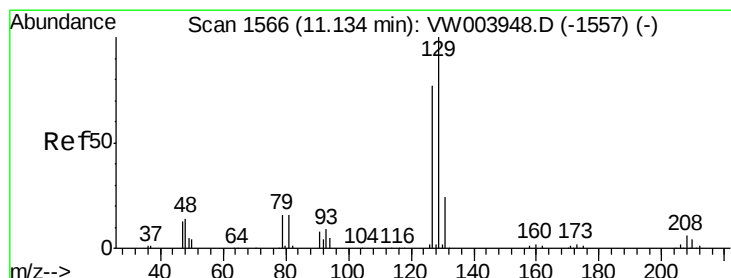
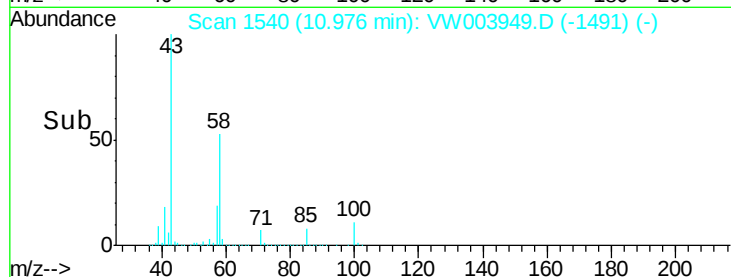
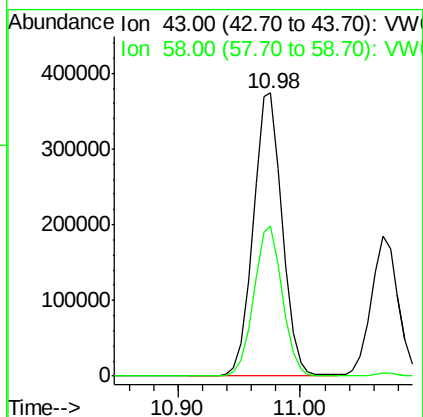
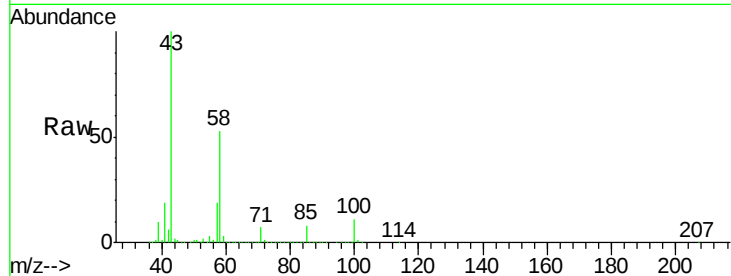
#59
2-Hexanone
Concen: 418.62 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 43 Resp: 616834
Ion Ratio Lower Upper
43 100
58 51.9 26.0 78.0

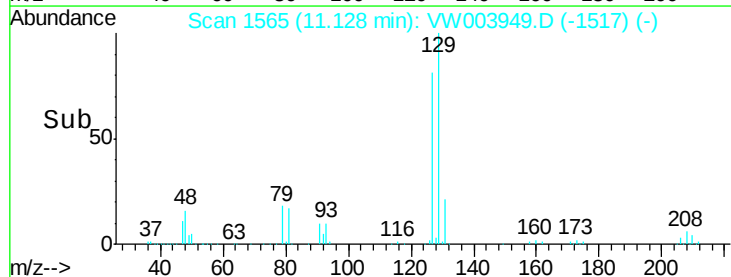
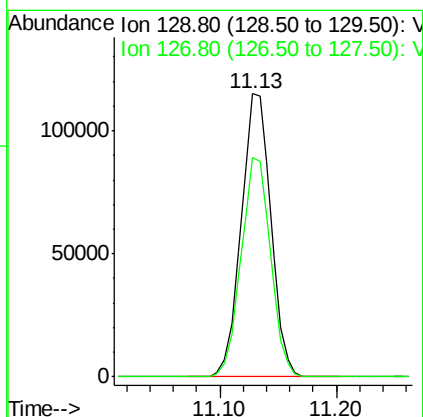
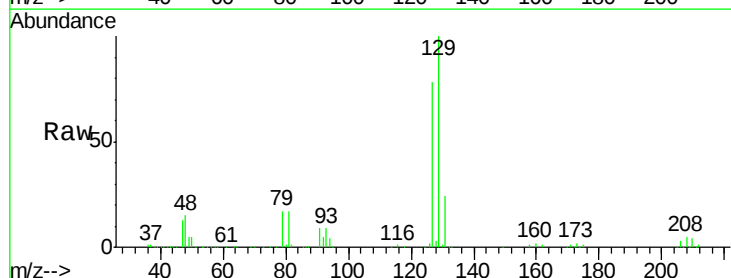
Manual Integrations
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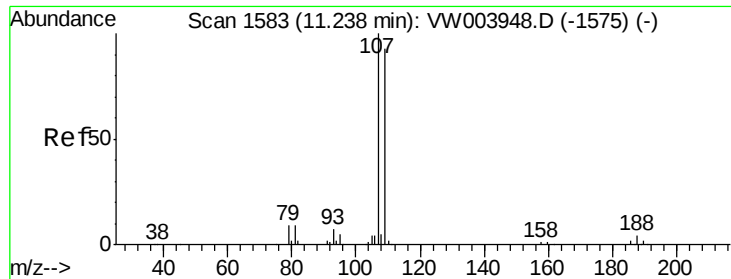
apatel
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#60
Dibromochloromethane
Concen: 75.43 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion: 129 Resp: 205166
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3





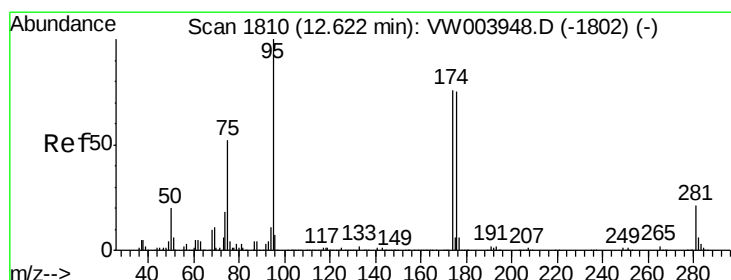
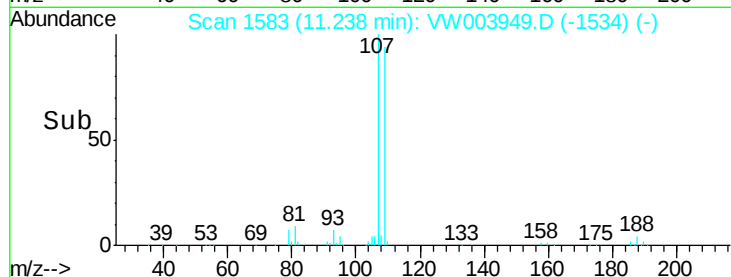
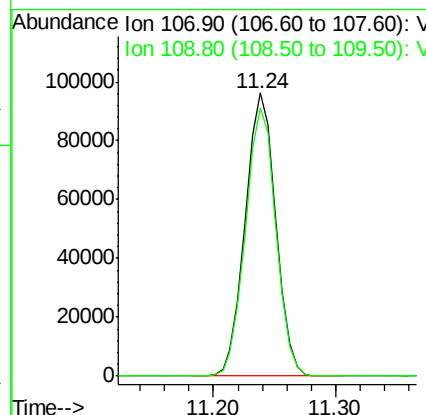
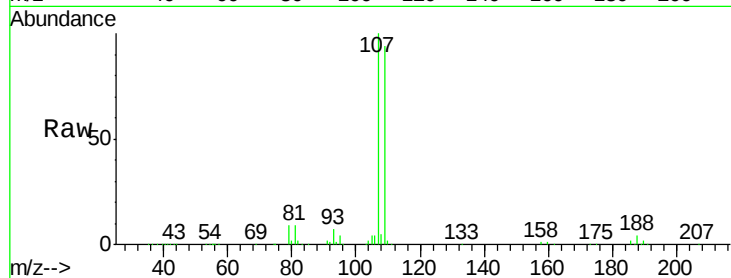
#61
 1,2-Dibromoethane
 Concen: 75.56 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	74.3	111.5

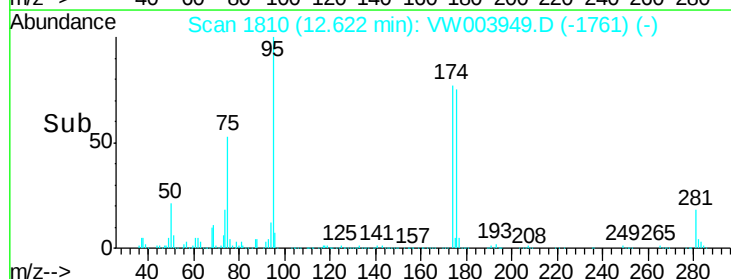
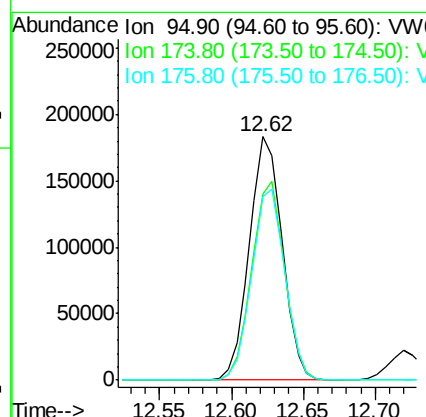
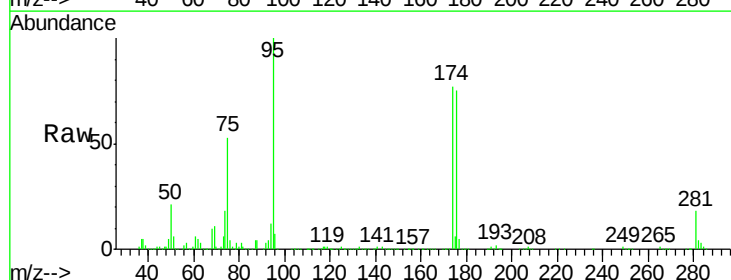
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 72.43 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	160.2
176	79.3	0.0	155.8





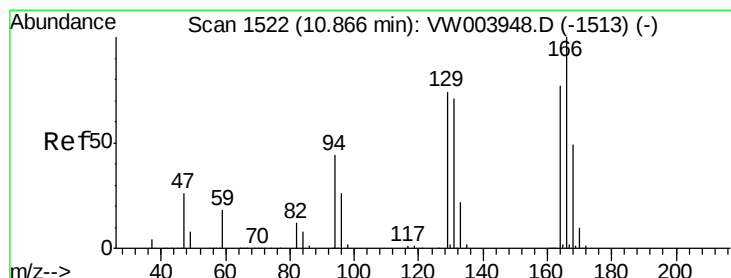
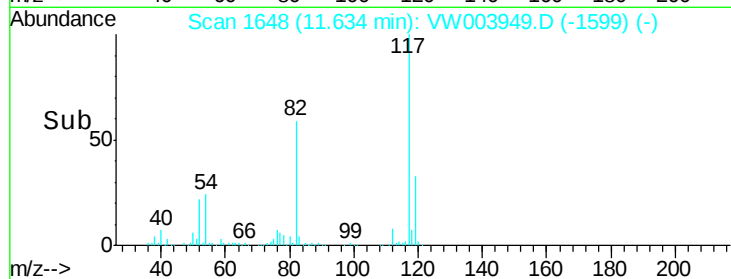
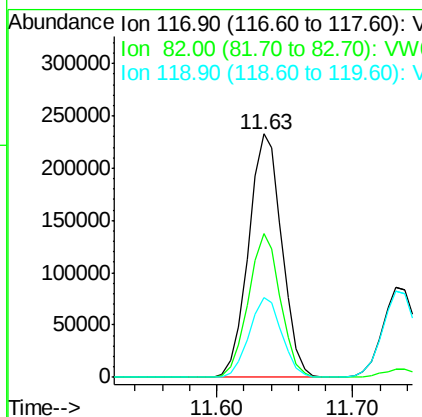
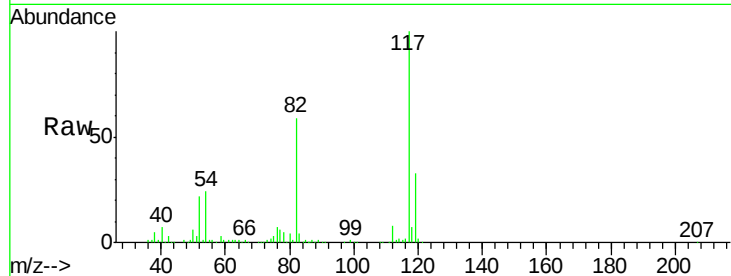
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	46.5	69.7
119	32.8	26.2	39.2

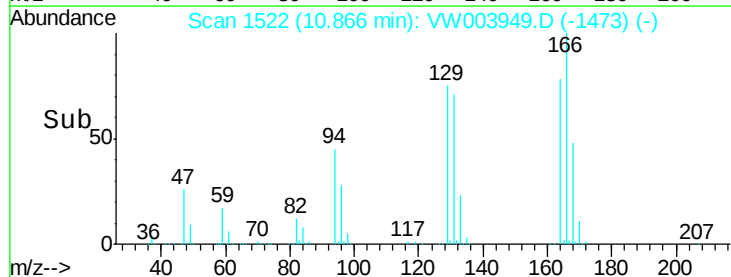
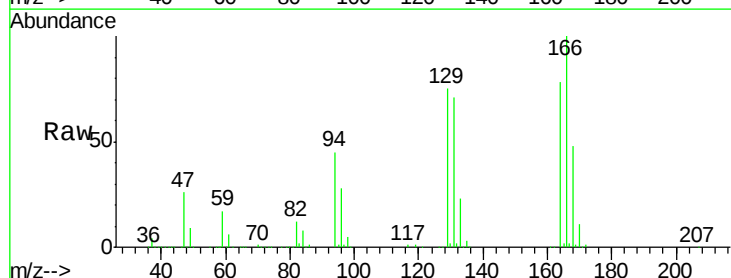
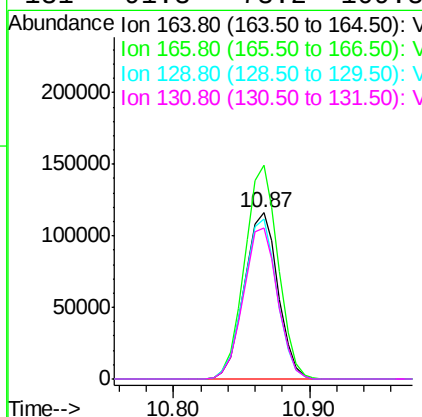
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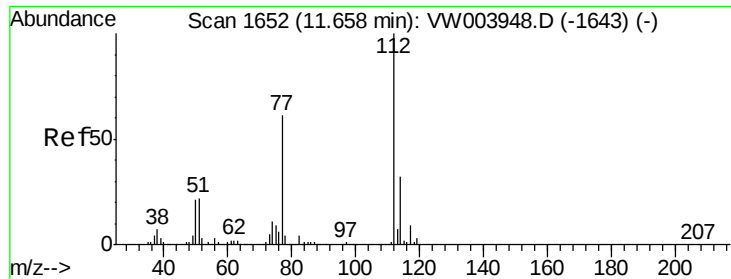
apatel
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#64
Tetrachloroethene
Concen: 72.93 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	103.5	155.3
129	96.2	76.8	115.2
131	91.3	73.2	109.8





#65

Chlorobenzene

Concen: 72.09 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:112 Resp: 612241

Ion Ratio Lower Upper

112 100

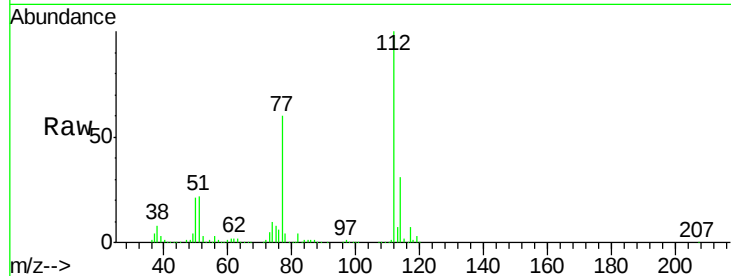
114 31.2 25.2 37.8

Manual Integrations

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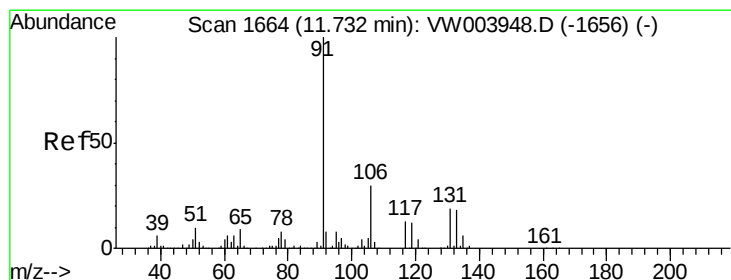
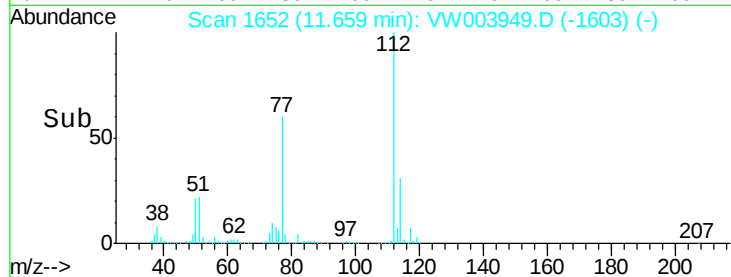
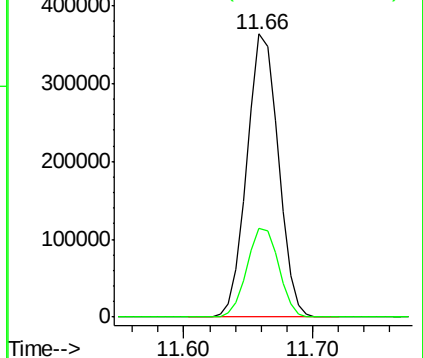
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 72.91 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

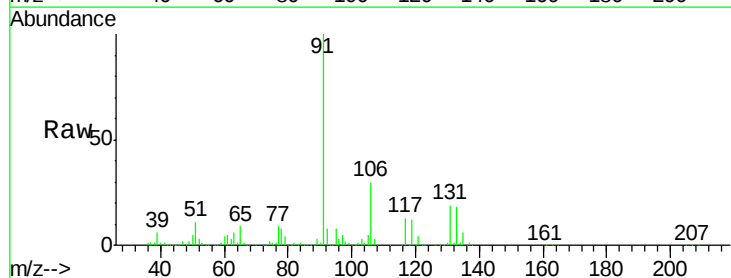
Tgt Ion:131 Resp: 214749

Ion Ratio Lower Upper

131 100

133 96.5 47.9 143.8

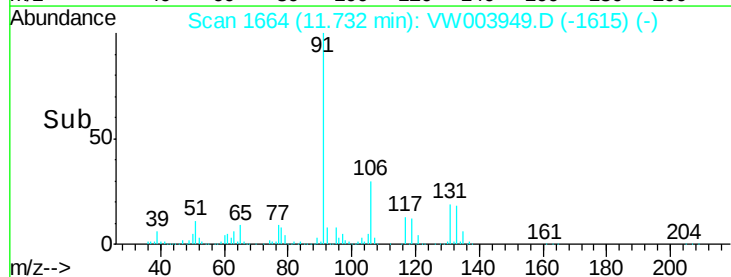
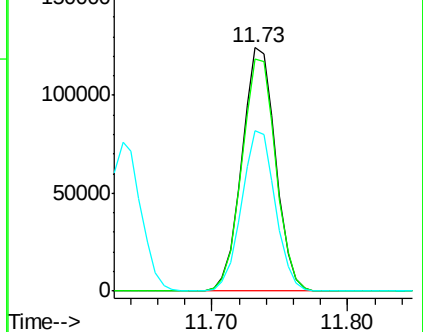
119 65.7 32.5 97.5

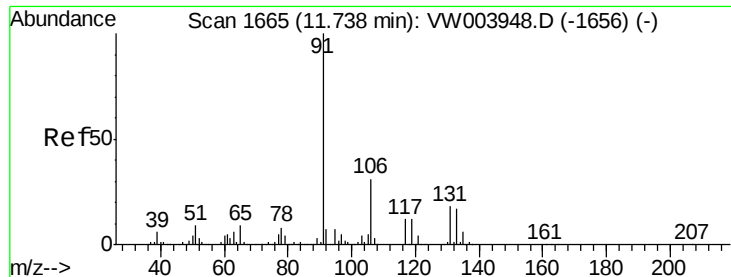


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





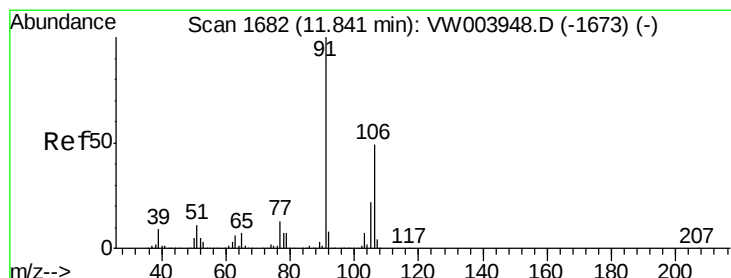
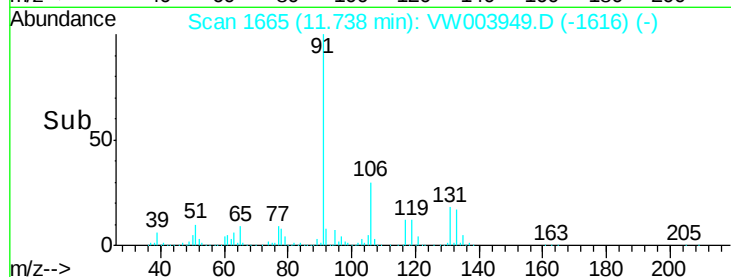
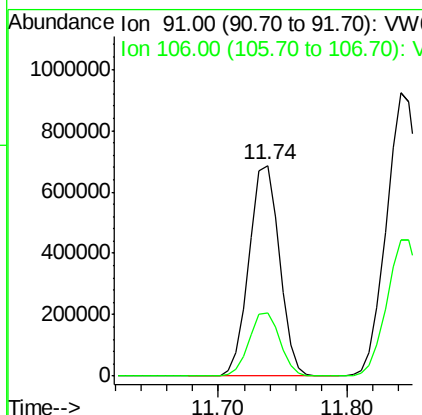
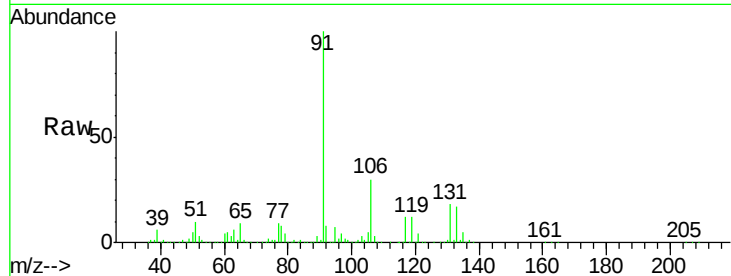
#67
Ethyl Benzene
Concen: 75.32 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion: 91 Resp: 1119809
Ion Ratio Lower Upper
91 100
106 29.9 25.0 37.4

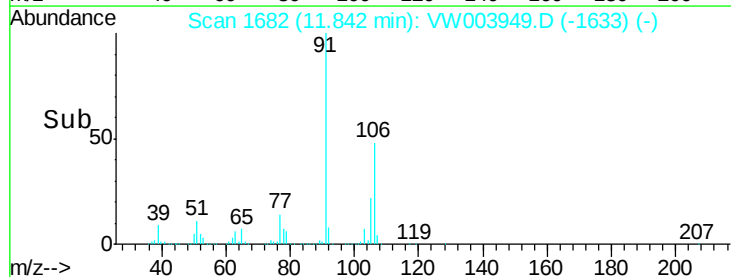
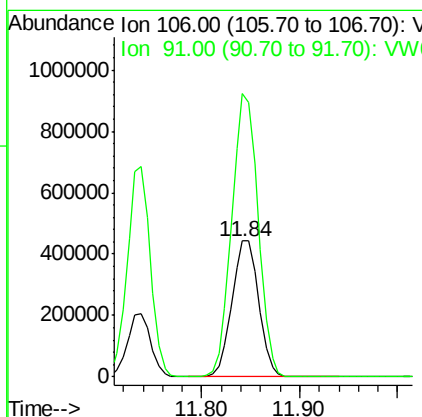
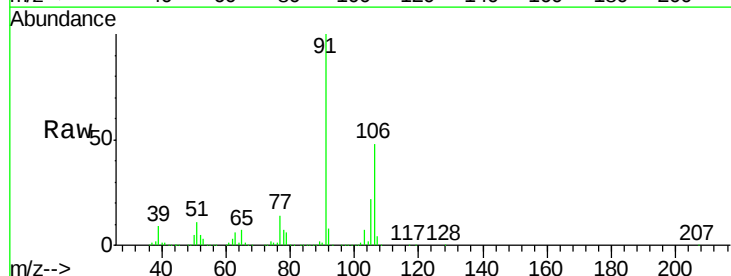
Manual Integrations
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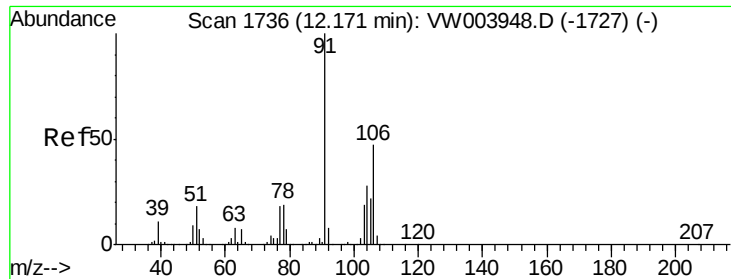
apatel
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#68
m/p-Xylenes
Concen: 148.29 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion: 106 Resp: 843114
Ion Ratio Lower Upper
106 100
91 204.9 164.2 246.2





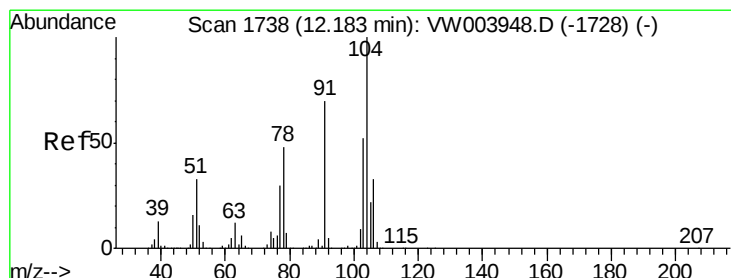
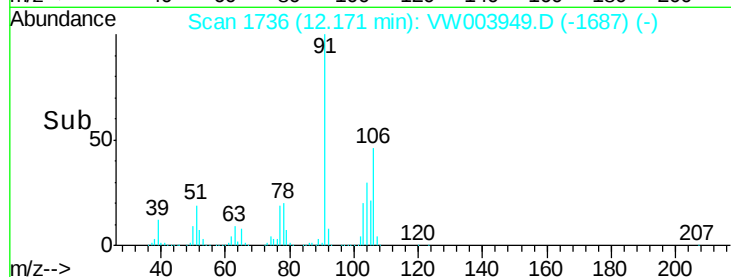
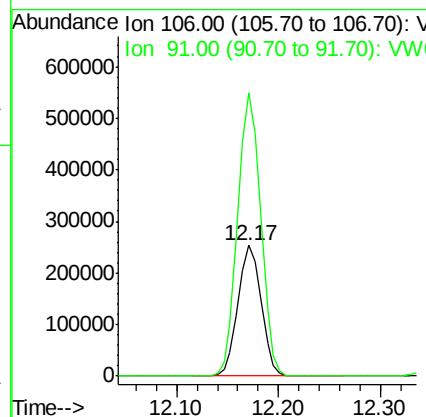
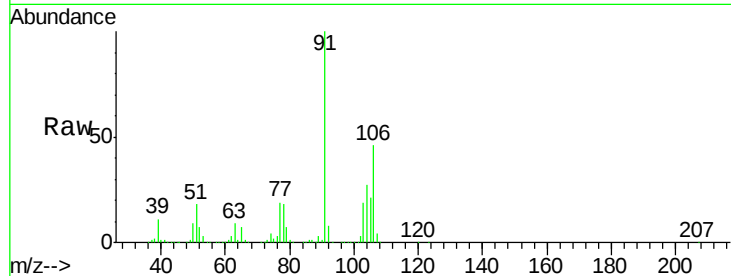
#69
o-Xylene
Concen: 75.44 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion:106 Resp: 398163
Ion Ratio Lower Upper
106 100
91 215.0 107.5 322.6

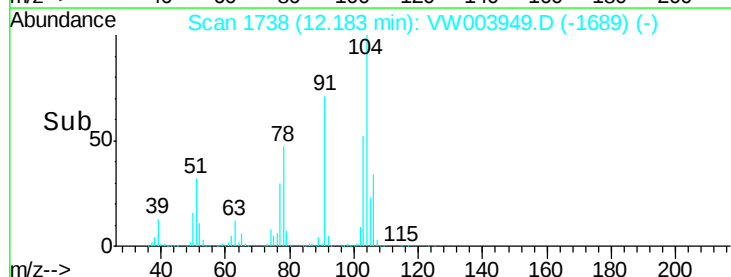
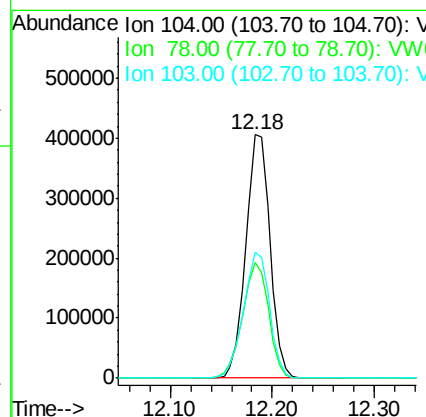
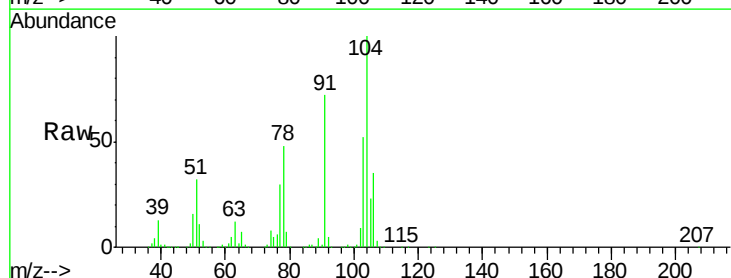
Manual Integrations
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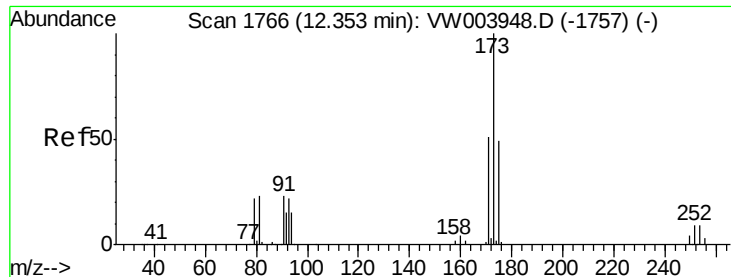
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#70
Styrene
Concen: 75.71 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion:104 Resp: 668152
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.4
103 55.6 44.6 67.0





#71

Bromoform

Concen: 78.60 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

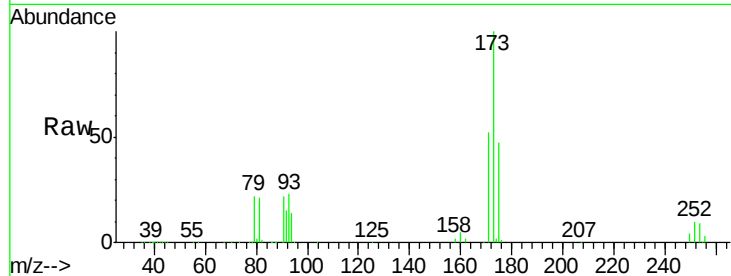
ClientSampleId :

VSTDIC075

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.4	73.2
254	0.1	0.1	0.1

Manual Integrations
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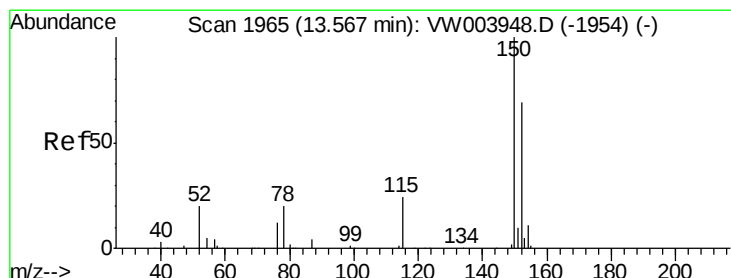
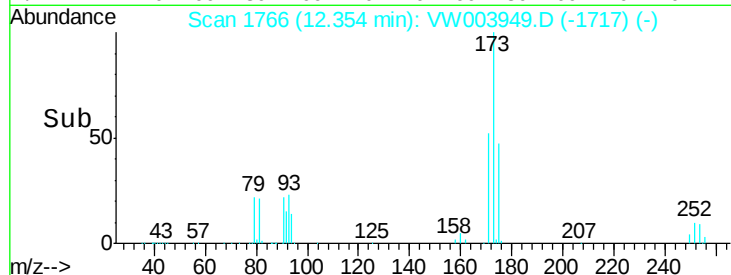
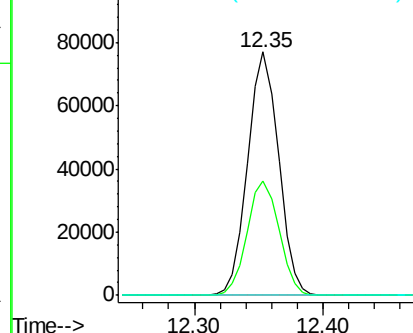


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

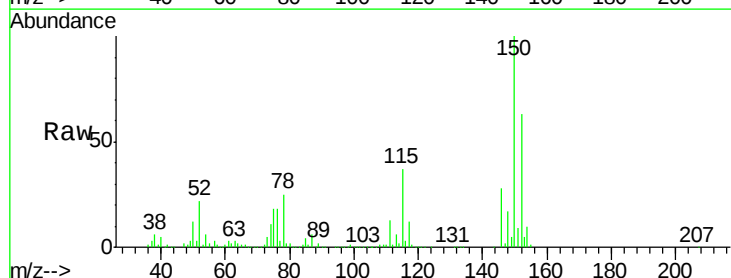
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.2	87.6
150	180.1	0.0	345.2

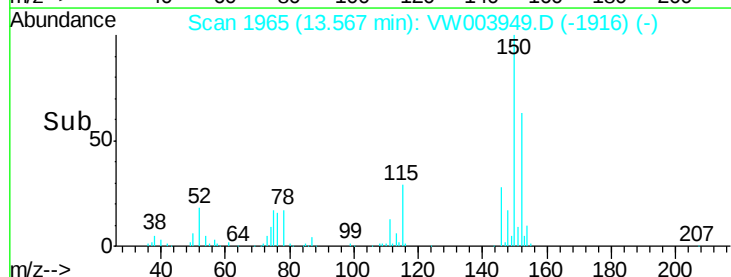
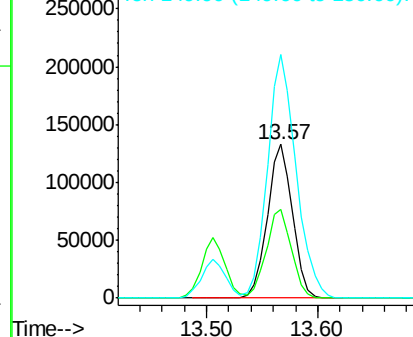


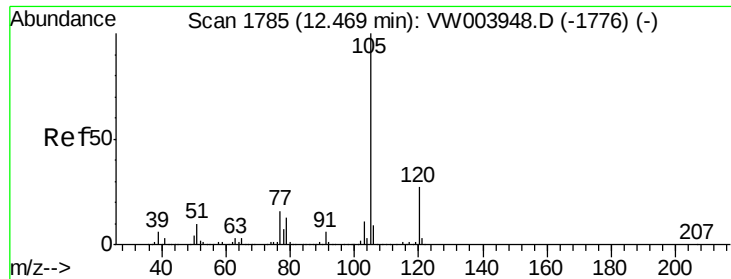
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





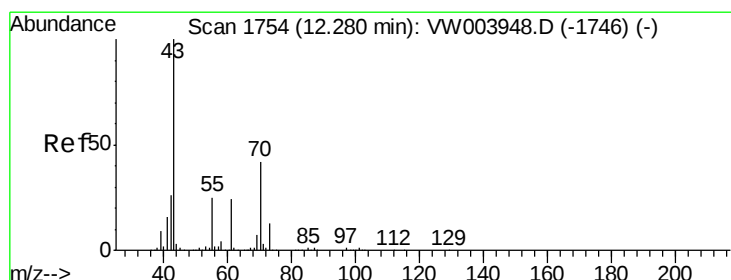
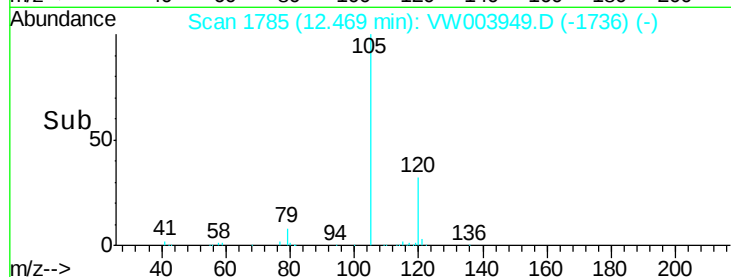
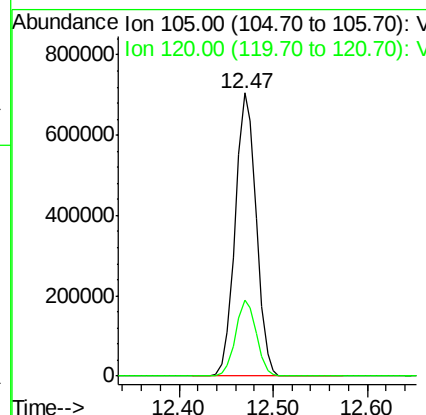
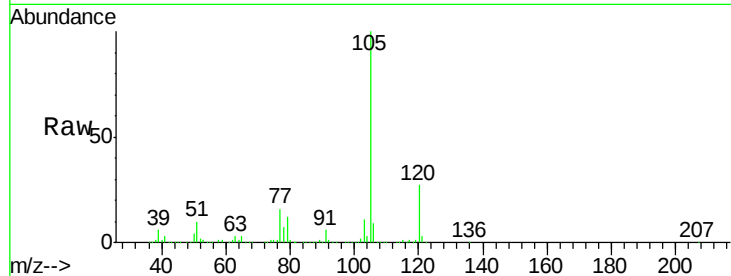
#73
Isopropylbenzene
Concen: 74.24 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion:105 Resp: 1087095
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6

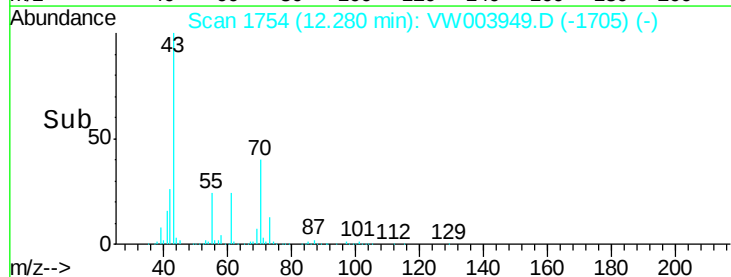
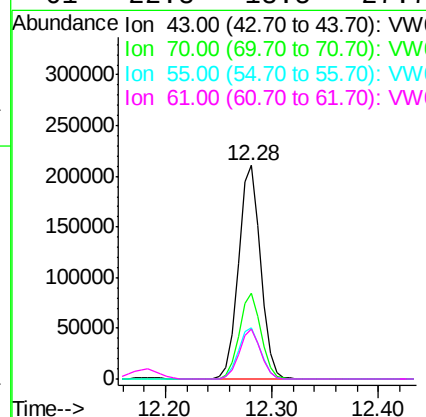
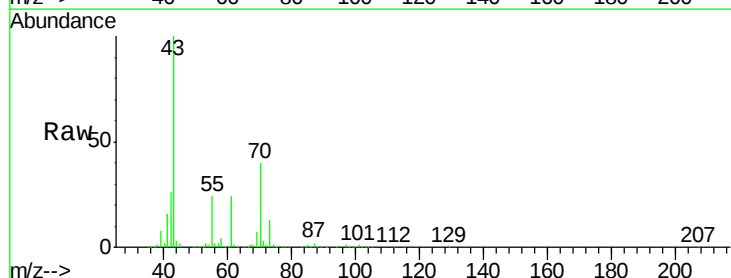
Manual Integrations
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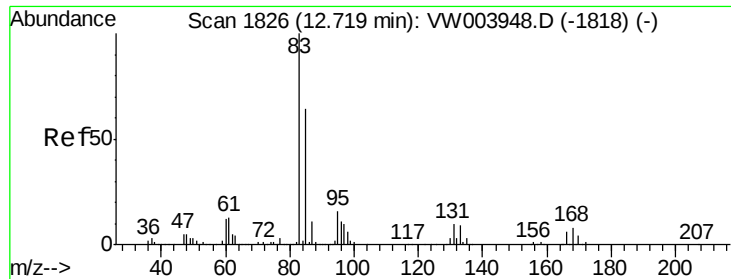
apatel
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#74
N-ethyl acetate
Concen: 82.12 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion: 43 Resp: 306102
Ion Ratio Lower Upper
43 100
70 39.7 31.6 47.4
55 24.4 20.0 30.0
61 22.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 77.01 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

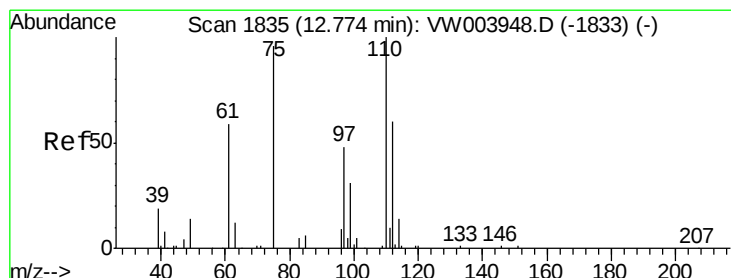
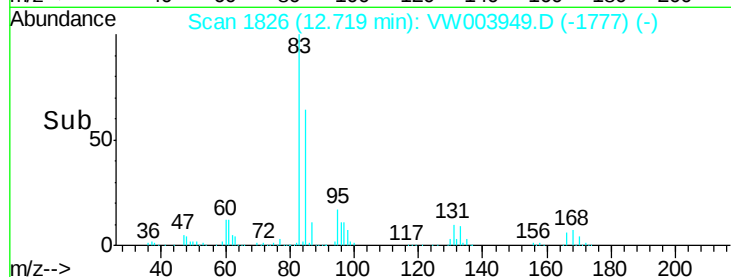
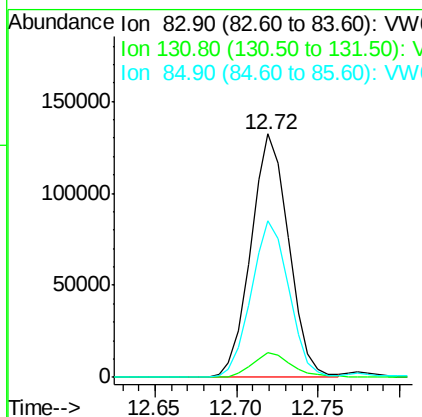
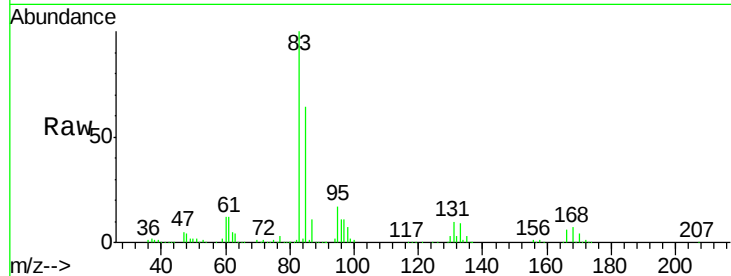
ClientSampled :

VSTDIC075

Tot Ion:	83	Resp:	213486
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	15.8
85	64.3	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 70.47 ug/l m

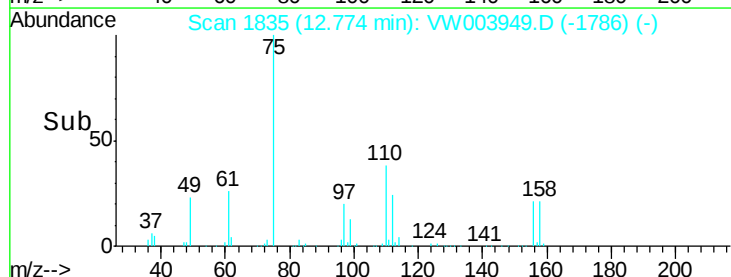
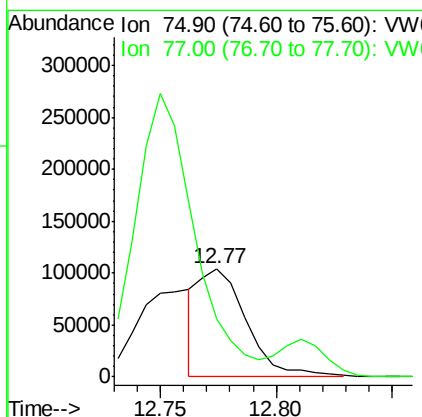
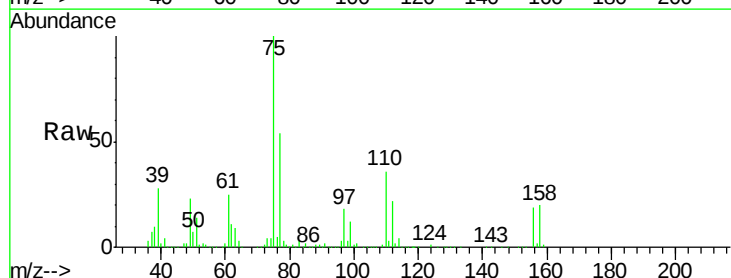
RT: 12.77 min Scan# 1835

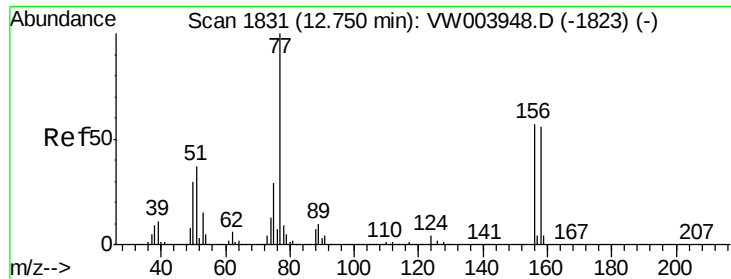
Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Tgt Ion:	75	Resp:	149940
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 72.40 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

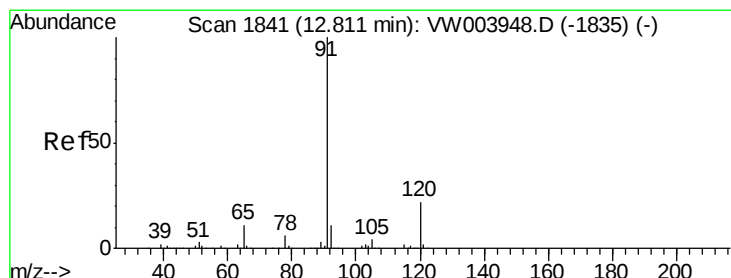
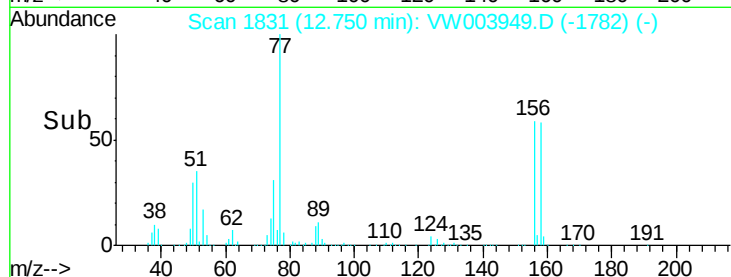
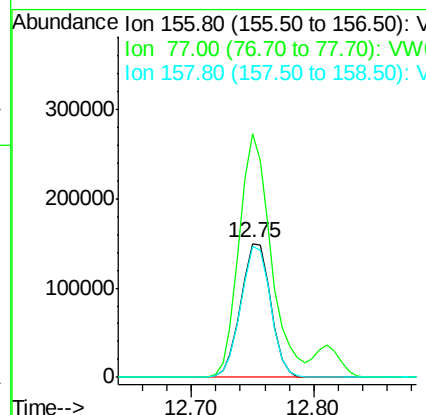
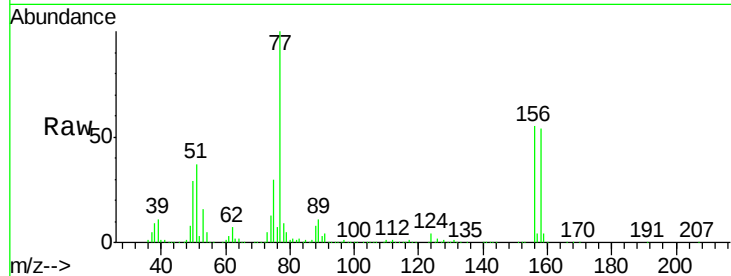
ClientSampled :

VSTDIC075

Tot Ion	Ratio	Lower	Upper
156	100		
77	193.9	96.2	288.6
158	97.4	48.5	145.5

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#78

n-propylbenzene

Concen: 73.82 ug/l

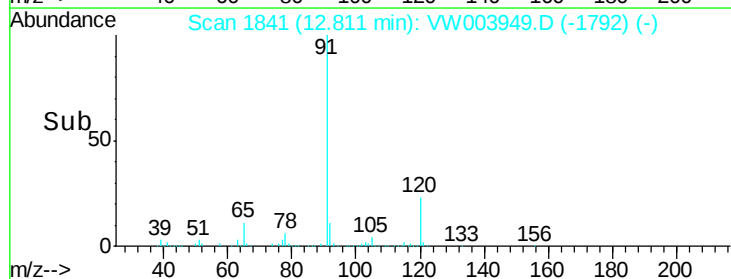
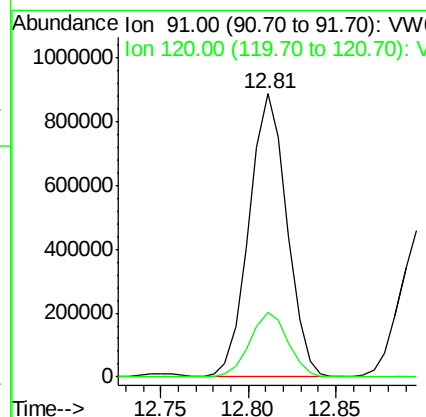
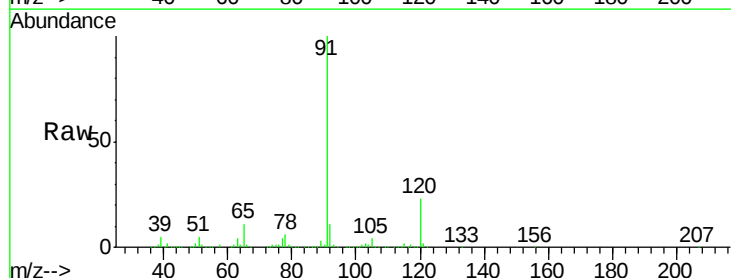
RT: 12.81 min Scan# 1841

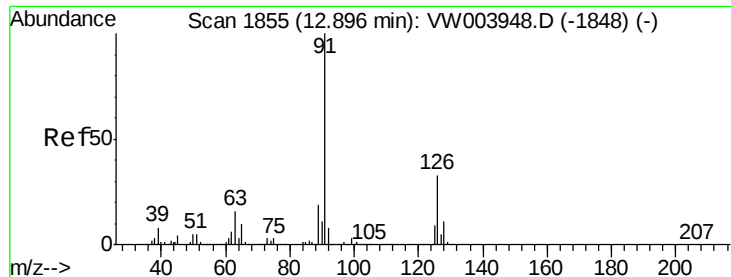
Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.2	33.6





#79

2-Chlorotoluene

Concen: 72.67 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 91 Resp: 741742

Ion Ratio Lower Upper

91 100

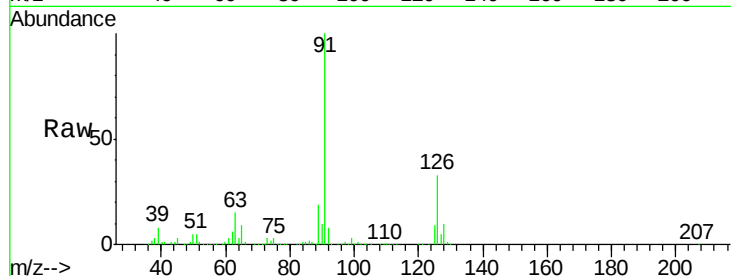
126 33.5 17.0 51.0

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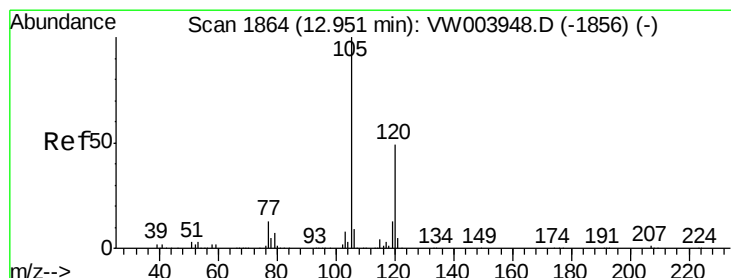
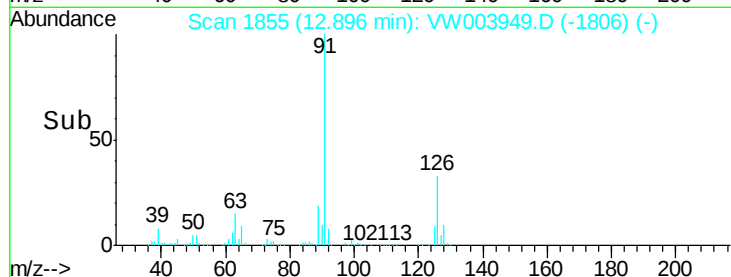
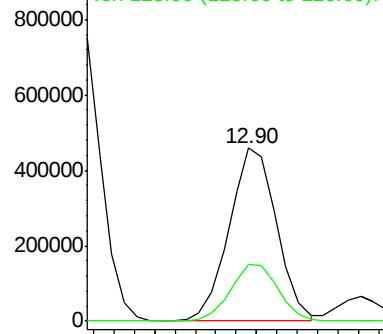
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 73.73 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003949.D

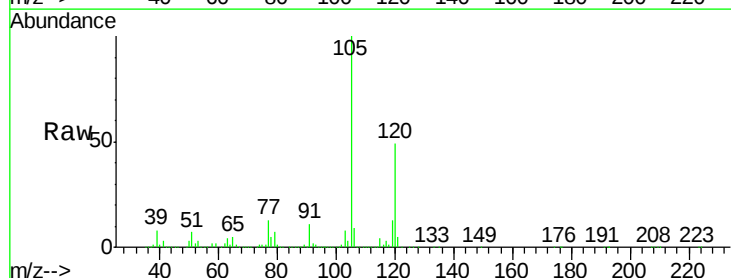
Acq: 16 Jul 2018 13:41

Tgt Ion: 105 Resp: 914491

Ion Ratio Lower Upper

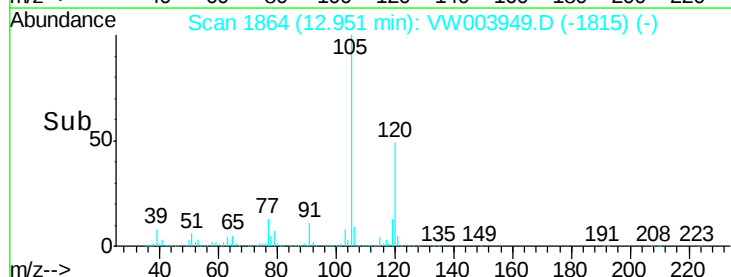
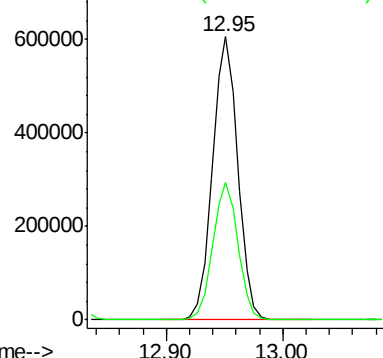
105 100

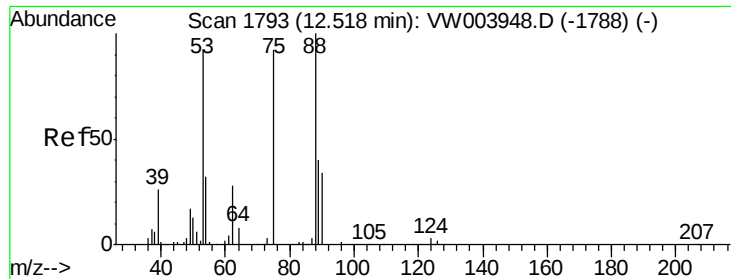
120 48.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 81.06 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Instrument :

MSVOA_W

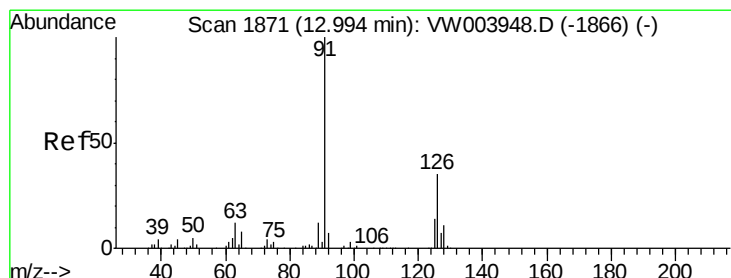
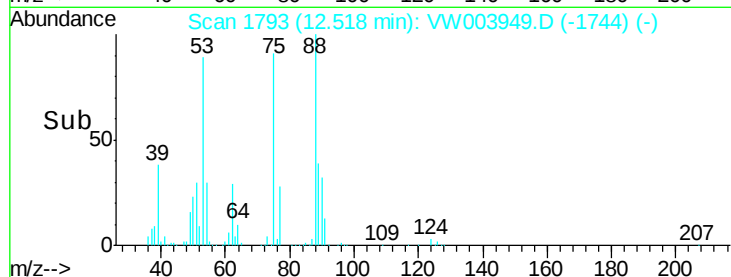
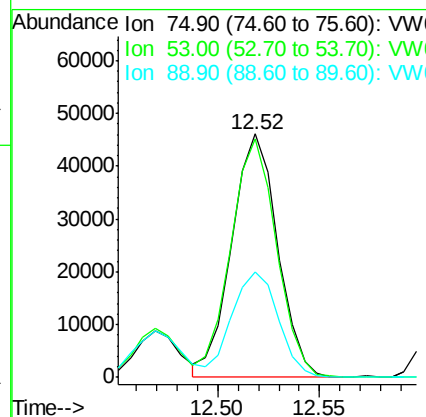
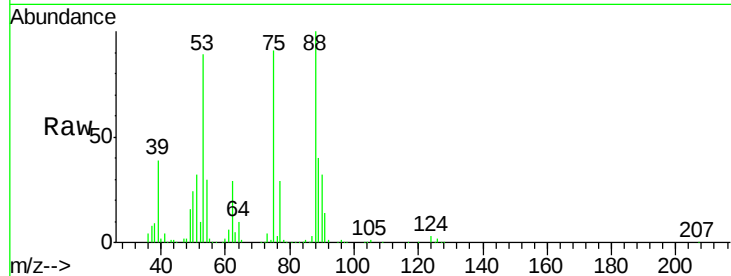
ClientSampleId :

VSTDIC075

Tot Ion:	75	Resp:	71398
Ion Ratio	Lower	Upper	
75	100		
53	99.0	77.6	116.4
89	44.2	36.6	54.8

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#82

4-Chlorotoluene

Concen: 71.03 ug/l

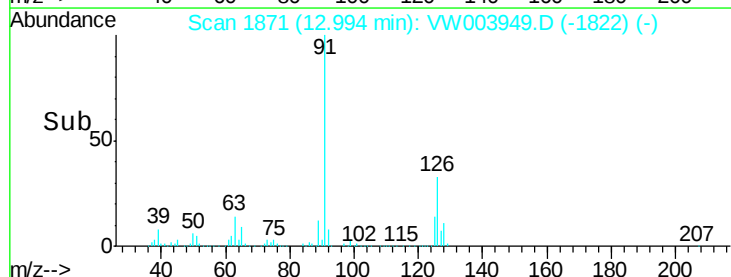
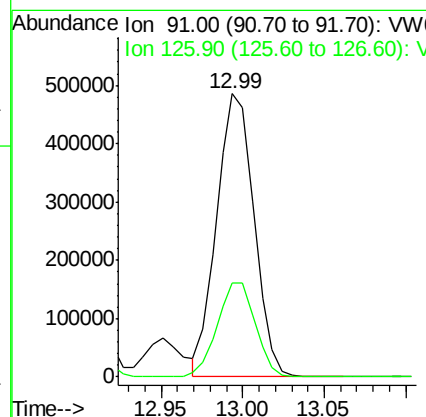
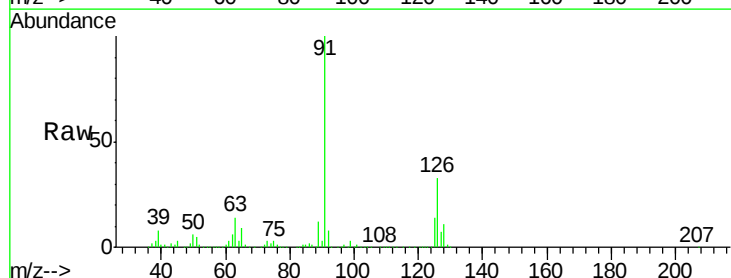
RT: 12.99 min Scan# 1871

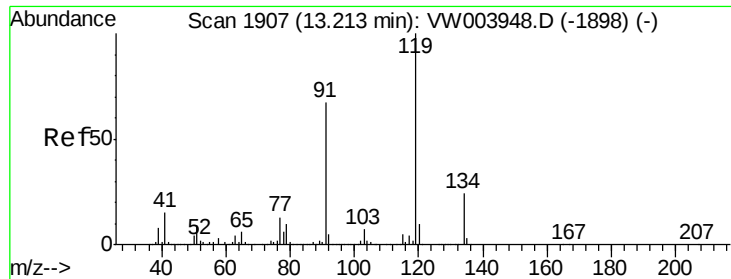
Delta R.T. 0.00 min

Lab File: VW003949.D

Acq: 16 Jul 2018 13:41

Tgt Ion:	91	Resp:	775555
Ion Ratio	Lower	Upper	
91	100		
126	33.9	16.7	50.0





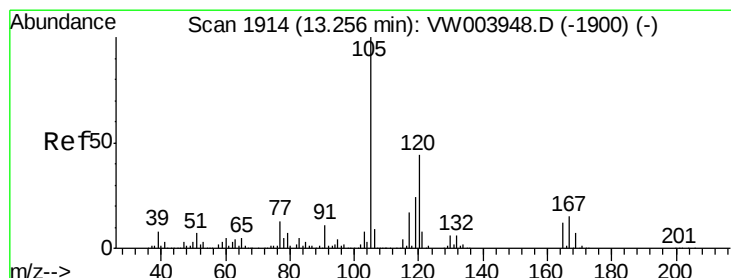
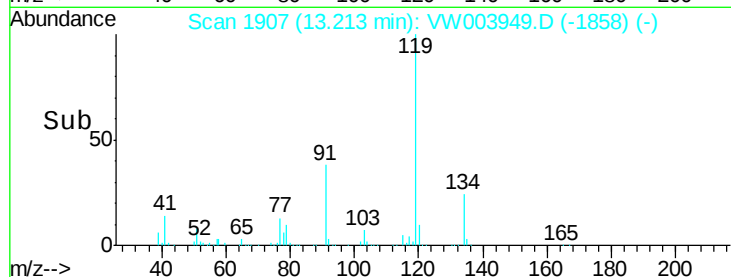
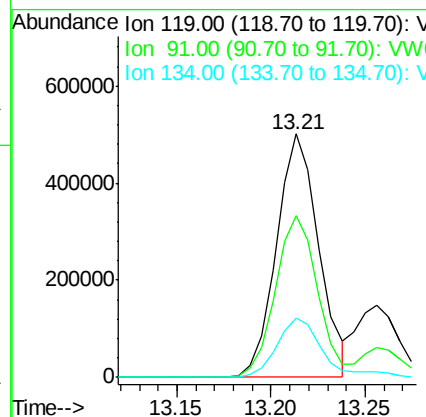
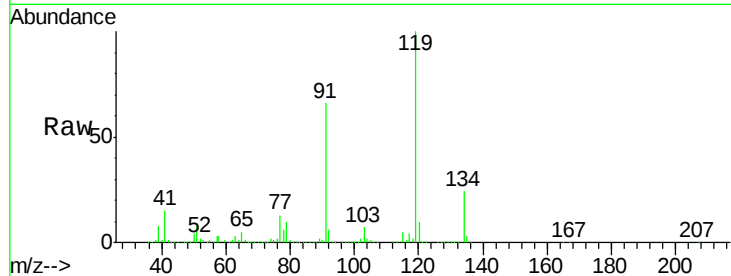
#83
tert-Butylbenzene
Concen: 75.06 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
119	100	777513		
91	67.1		33.2	99.6
134	26.3		13.0	38.9

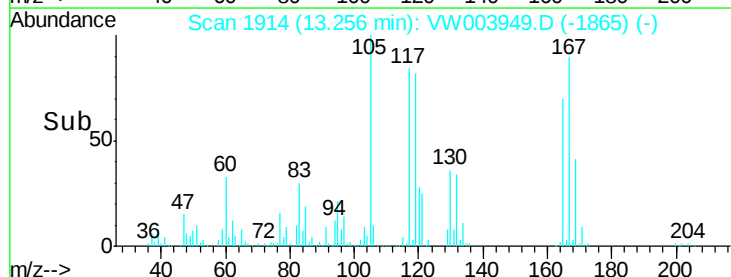
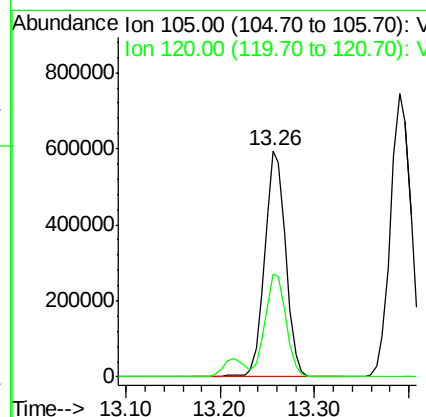
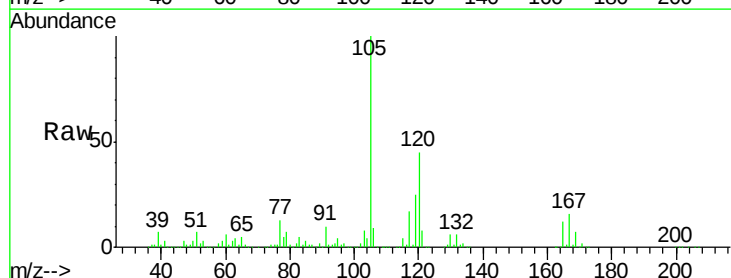
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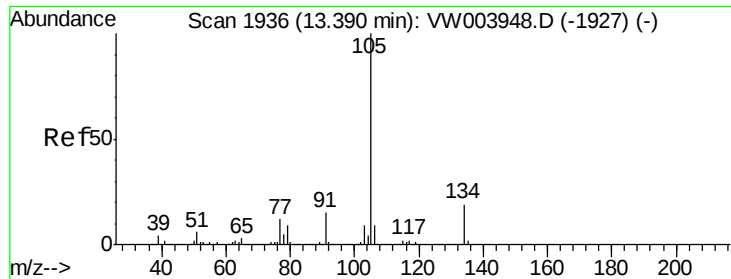
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#84
1,2,4-Trimethylbenzene
Concen: 73.22 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	932992		
120	45.2		22.1	66.1





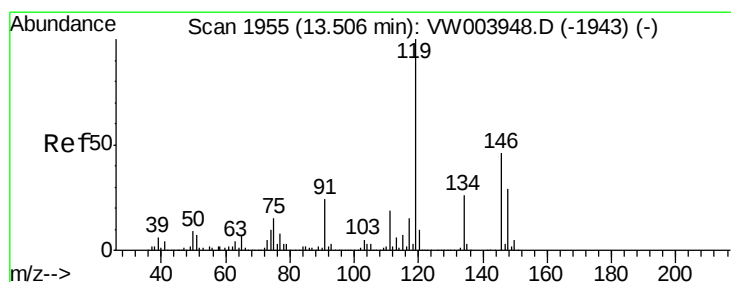
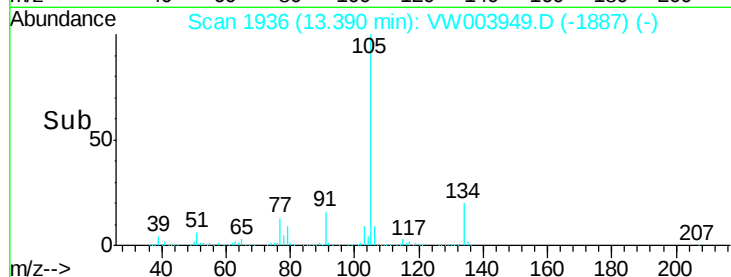
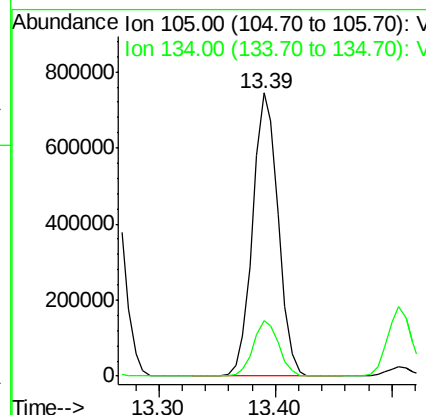
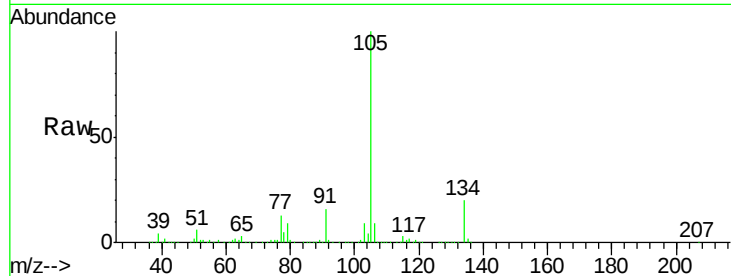
#85
 sec-Butylbenzene
 Concen: 73.44 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion:105 Resp: 1135026
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

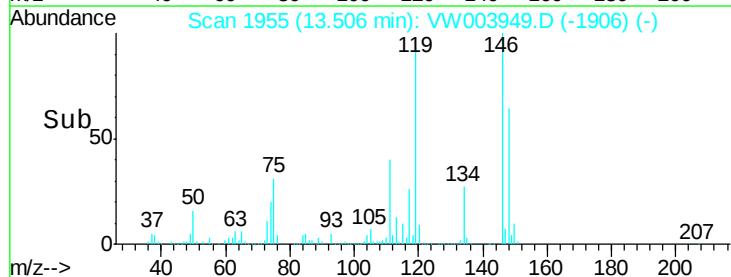
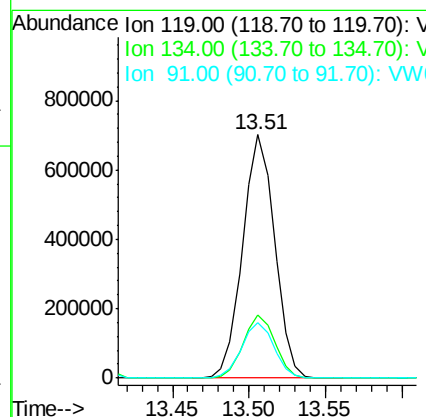
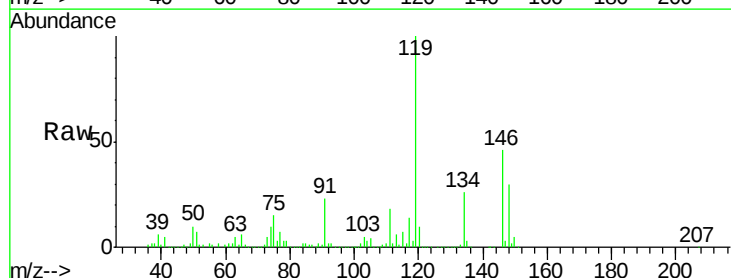
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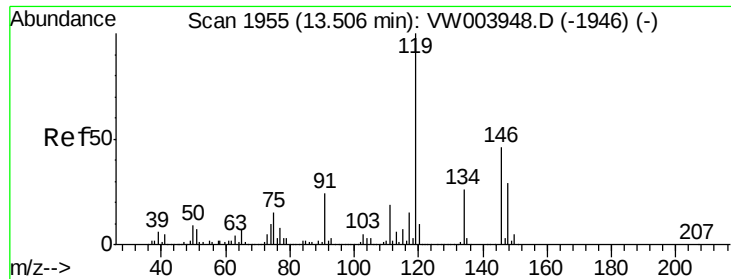
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#86
 p-Isopropyltoluene
 Concen: 75.07 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Tgt Ion:119 Resp: 1017375
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 23.1 11.8 35.3





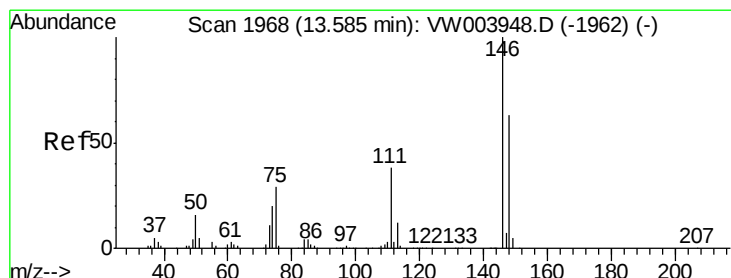
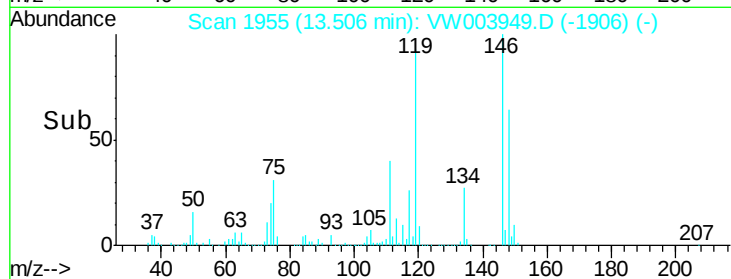
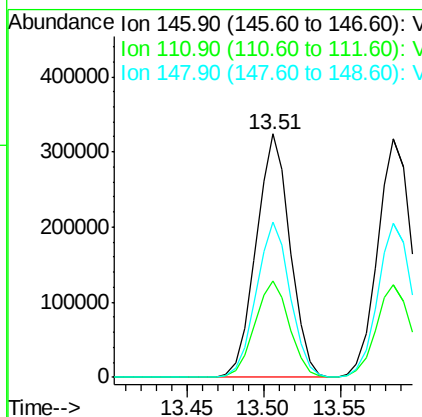
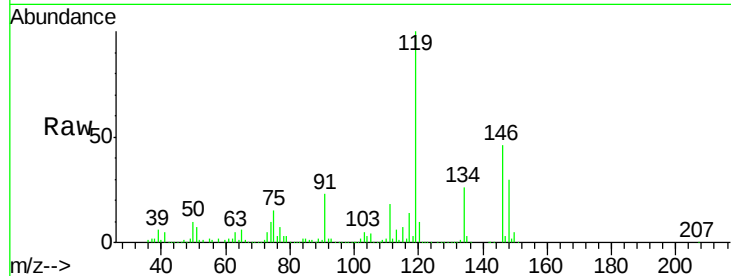
#87
 1,3-Dichlorobenzene
 Concen: 71.14 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.6
148	63.7	31.9	95.5

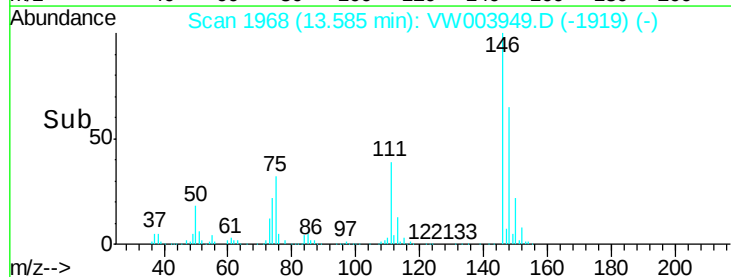
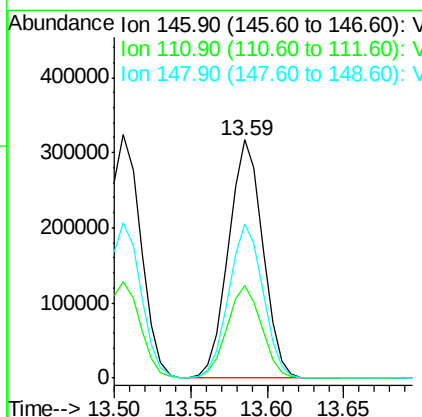
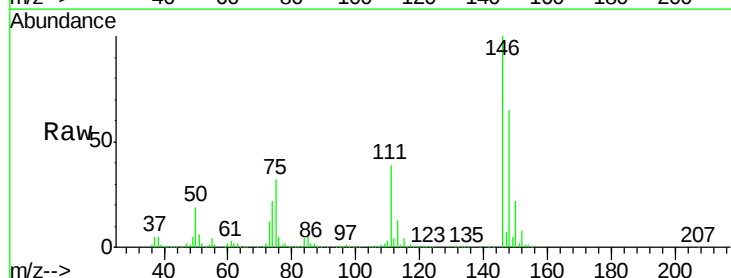
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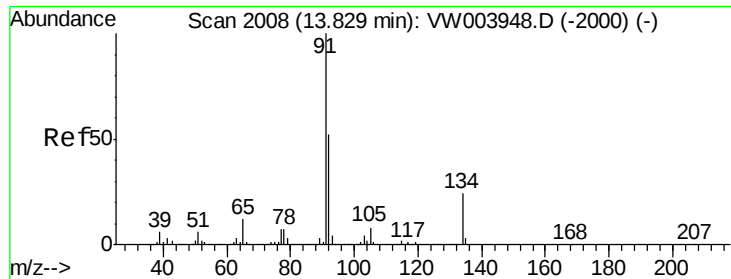
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#88
 1,4-Dichlorobenzene
 Concen: 69.79 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.7
148	64.5	32.3	96.8





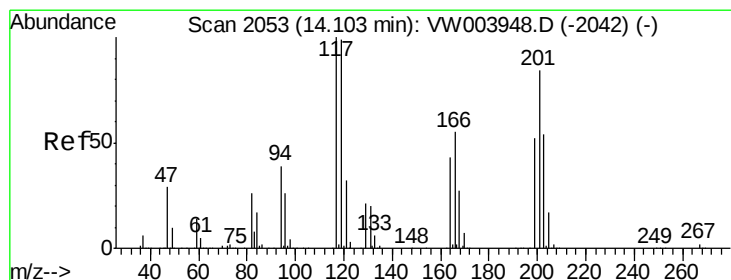
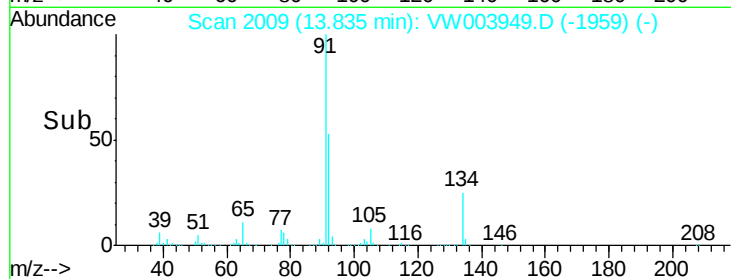
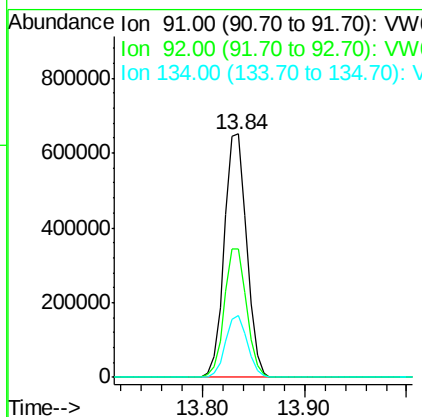
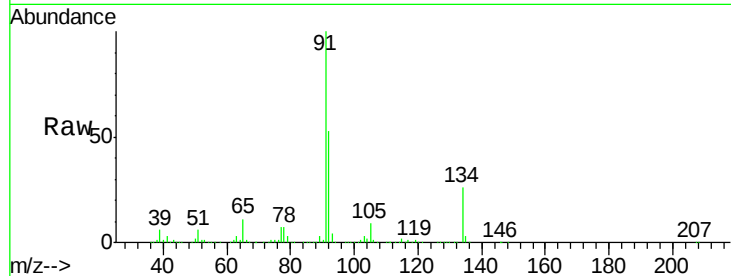
#89
n-Butylbenzene
Concen: 73.98 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.1	78.3
134	25.0	12.4	37.4

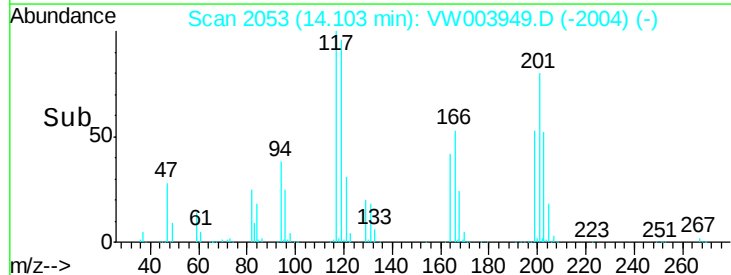
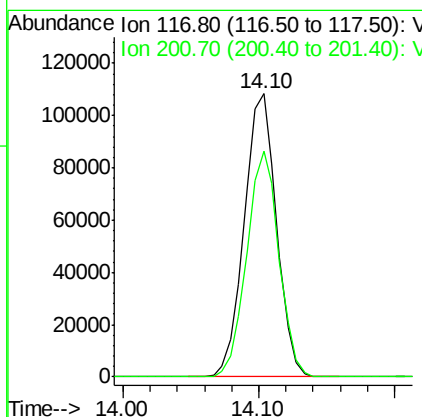
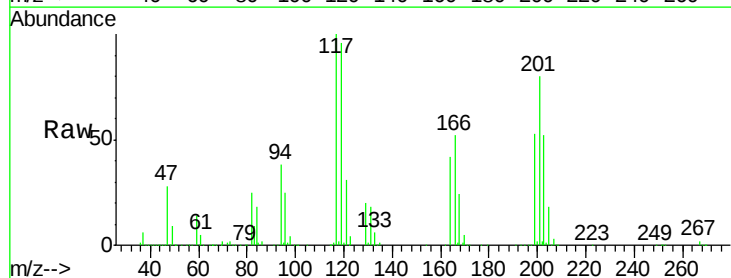
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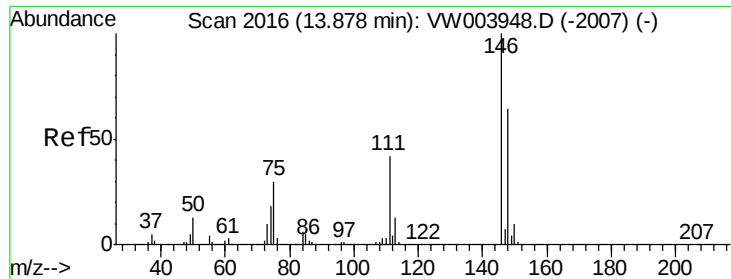
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#90
Hexachloroethane
Concen: 71.98 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	40.3	120.9





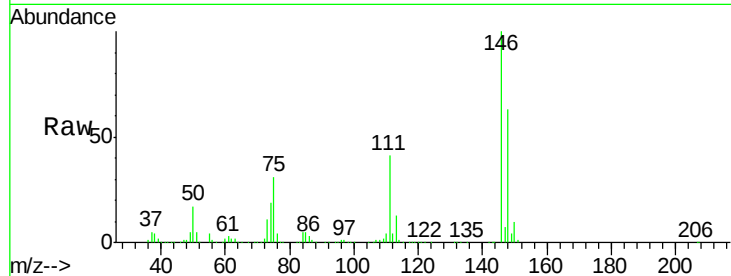
#91
 1,2-Dichlorobenzene
 Concen: 71.77 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

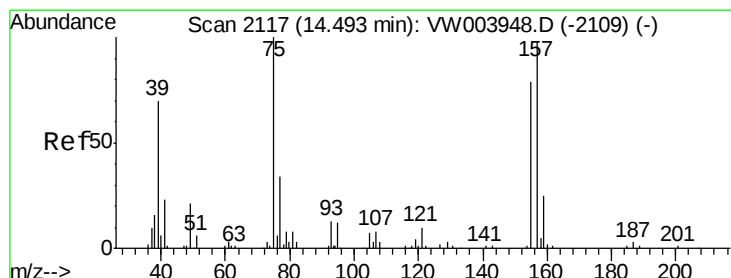
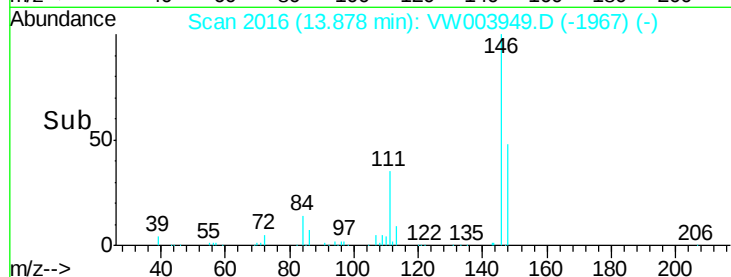
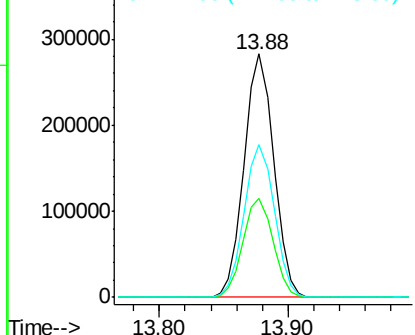
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.7	62.1
148	63.7	32.0	96.2

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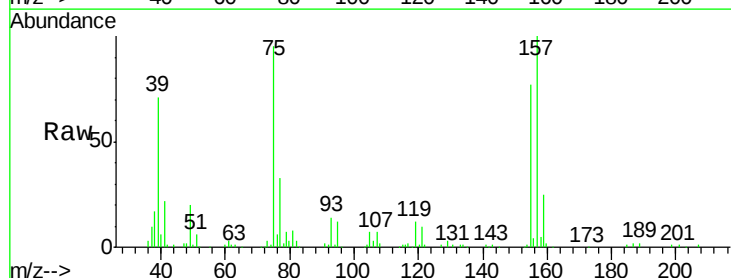


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

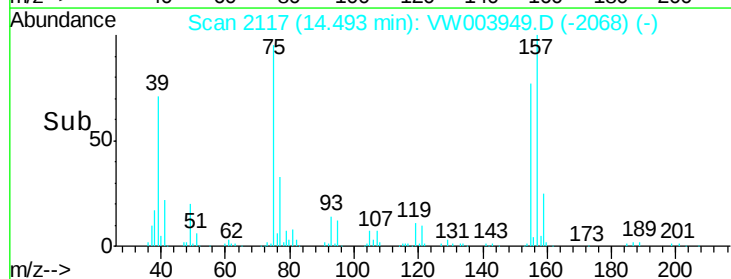
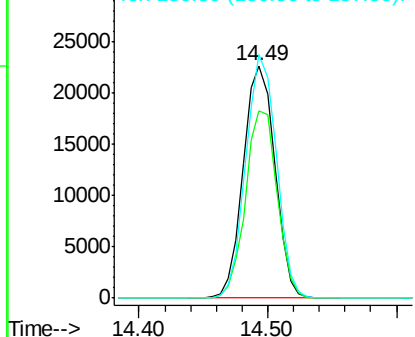


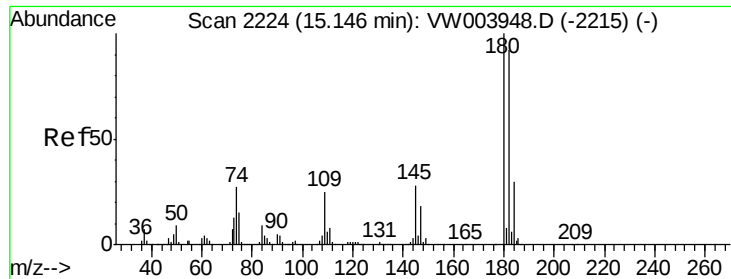
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 78.81 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	39.4	118.1
157	101.3	51.8	155.4



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





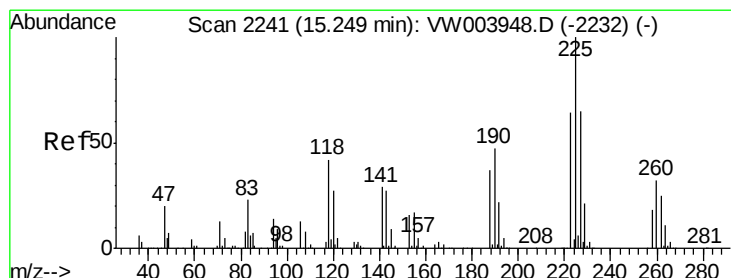
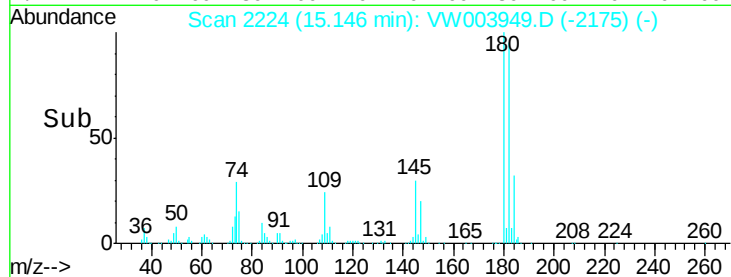
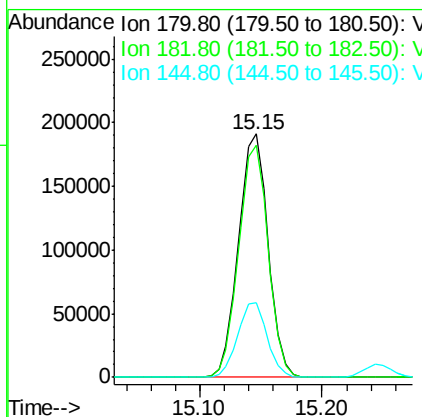
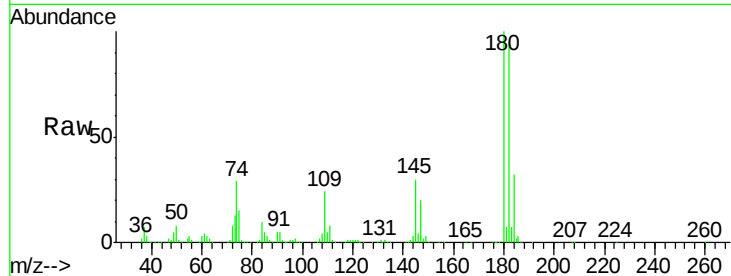
#93
 1,2,4-Trichlorobenzene
 Concen: 73.24 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	46.9	140.8	
145	30.5	15.0	45.0	

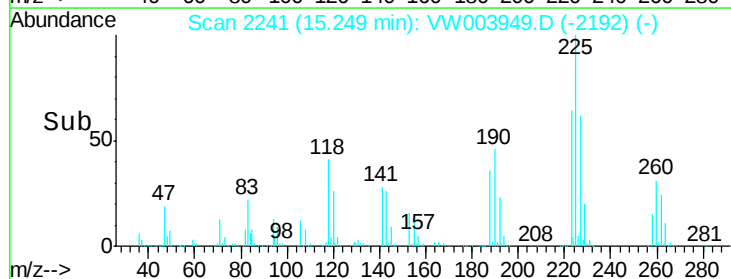
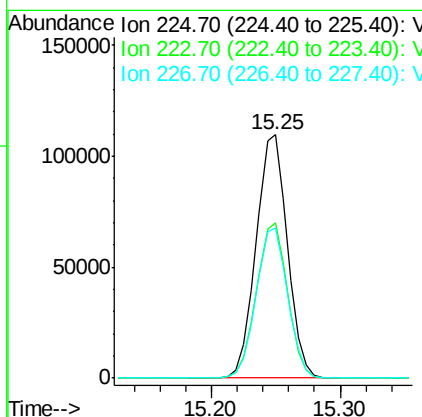
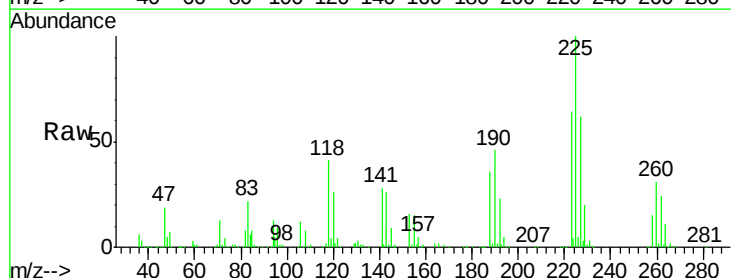
Manual Integrations
 APPROVED

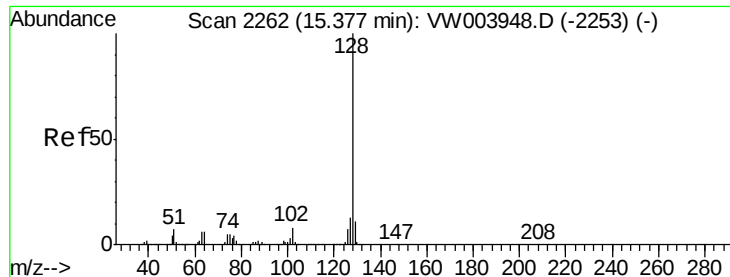
apatel
 7/17/2018 10:11:12 AM



#94
 Hexachlorobutadiene
 Concen: 72.94 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003949.D
 Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	32.0	96.2	
227	62.3	32.3	96.9	





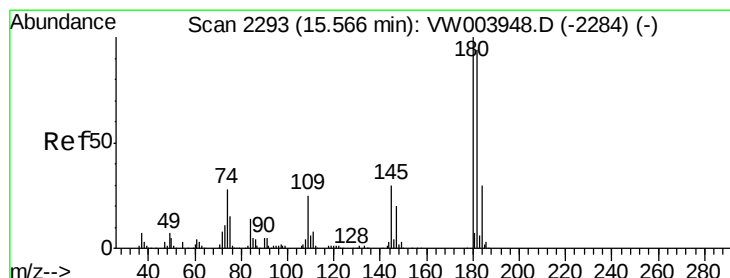
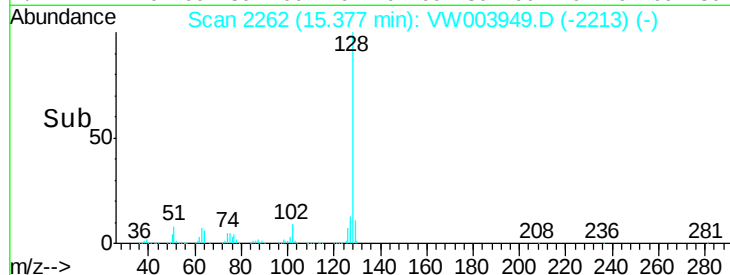
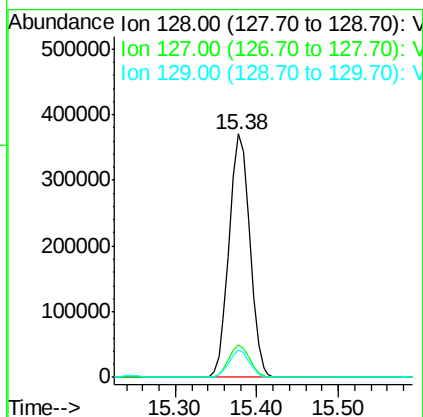
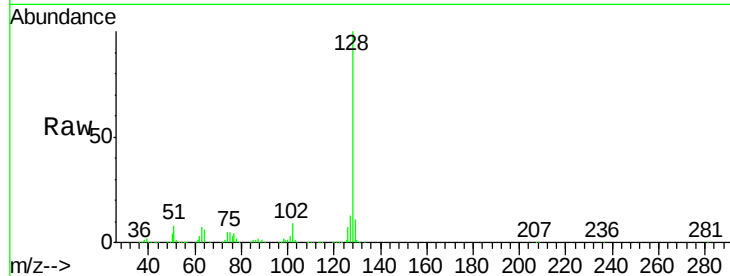
#95
Naphthalene
Concen: 82.58 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
7/17/2018 10:11:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 73.84 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003949.D
Acq: 16 Jul 2018 13:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.5	142.6
145	32.1	15.8	47.4

