

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002527.D
 Acq On : 14 May 2018 22:06
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 5/15/2018 6:11:31 PM

Quant Time: May 15 03:18:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 02:22:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	324810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179800	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120742	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	7.88	113	110761	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
50) Toluene-d8	10.33	98	425217	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.63	95	154134	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	44415	49.99	ug/l	100
3) Chloromethane	2.21	50	80007	44.75	ug/l	100
4) Vinyl Chloride	2.36	62	129611	44.20	ug/l	100
5) Bromomethane	2.77	94	104182	43.85	ug/l	100
6) Chloroethane	2.92	64	89444	44.79	ug/l	100
7) Trichlorofluoromethane	3.25	101	61582	50.41	ug/l	100
8) Diethyl Ether	3.67	74	68556	49.82	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	99442	46.60	ug/l	100
10) Methyl Iodide	4.26	142	154487	44.99	ug/l	100
11) Tert butyl alcohol	5.18	59	47513	254.69	ug/l	100
12) 1,1-Dichloroethene	4.03	96	94106	44.71	ug/l	100
13) Acrolein	3.88	56	45926	287.81	ug/l	100
14) Allyl chloride	4.65	41	144980	46.70	ug/l	100
15) Acrylonitrile	5.37	53	132293	245.85	ug/l	100
16) Acetone	4.12	43	125060	251.24	ug/l	100
17) Carbon Disulfide	4.37	76	261110	43.05	ug/l	100
18) Methyl Acetate	4.67	43	75115	50.47	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	183521	49.15	ug/l	100
20) Methylene Chloride	4.90	84	102920	44.03	ug/l	100
21) trans-1,2-Dichloroethene	5.41	96	104584	45.97	ug/l	100
22) Diisopropyl ether	6.31	45	322444	47.21	ug/l	100
23) Vinyl Acetate	6.25	43	1010044	245.88	ug/l	100
24) 1,1-Dichloroethane	6.21	63	190035	46.01	ug/l	100
25) 2-Butanone	7.17	43	187344	254.97	ug/l	100
26) 2,2-Dichloropropane	7.17	77	104085	49.72	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	118399	45.99	ug/l	100
28) Bromochloromethane	7.51	49	85750	45.63	ug/l	100
29) Tetrahydrofuran	7.53	42	118186	246.52	ug/l	100
30) Chloroform	7.67	83	202128	46.63	ug/l	100
31) Cyclohexane	7.95	56	161040	43.79	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	157978	48.30	ug/l	100
36) 1,1-Dichloropropene	8.08	75	154513	49.20	ug/l	100
37) Ethyl Acetate	7.26	43	78946	51.11	ug/l	100
38) Carbon Tetrachloride	8.07	117	152964	50.20	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	178518	48.86	ug/l	100
40) Benzene	8.32	78	436622	47.80	ug/l	100
41) Methacrylonitrile	7.49	41	44003	50.74	ug/l	100
42) 1,2-Dichloroethane	8.40	62	138915	48.48	ug/l	100
43) Isopropyl Acetate	8.43	43	151901	51.85	ug/l	100
44) Trichloroethene	9.09	130	119343	47.79	ug/l	100
45) 1,2-Dichloropropane	9.37	63	111975	48.67	ug/l	100
46) Dibromomethane	9.46	93	64036	49.65	ug/l	100
47) Bromodichloromethane	9.65	83	151026	49.72	ug/l	100
48) Methyl methacrylate	9.44	41	73629	51.84	ug/l	100
49) 1,4-Dioxane	9.45	88	21812	1048.17	ug/l	100
51) 4-Methyl-2-Pentanone	10.22	43	423616	261.00	ug/l	100
52) Toluene	10.39	92	280313	48.32	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	156109	51.86	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	170712	49.92	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	90217	49.63	ug/l	100
56) Ethyl methacrylate	10.65	69	116915	51.95	ug/l	100
57) 1,3-Dichloropropane	10.94	76	153046	49.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	282762	258.47	ug/l	100
59) 2-Hexanone	10.98	43	298313	268.25	ug/l	100
60) Dibromochloromethane	11.13	129	109098	50.79	ug/l	100
61) 1,2-Dibromoethane	11.24	107	87461	49.38	ug/l	100
64) Tetrachloroethene	10.87	164	112291	45.54	ug/l	100
65) Chlorobenzene	11.66	112	318542	48.26	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	116327	49.32	ug/l	100
67) Ethyl Benzene	11.74	91	558104	49.08	ug/l	100
68) m/p-Xylenes	11.85	106	432612	98.68	ug/l	100
69) o-Xylene	12.18	106	205564	49.28	ug/l	100
70) Styrene	12.19	104	342823	49.54	ug/l	100
71) Bromoform	12.36	173	70273	51.55	ug/l	100
73) Isopropylbenzene	12.48	105	565521	48.60	ug/l	100
74) N-amyl acetate	12.28	43	149904	51.05	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	115222	50.67	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	87219m	52.49	ug/l	
77) Bromobenzene	12.76	156	141176	48.08	ug/l	100
78) n-propylbenzene	12.82	91	681670	49.41	ug/l	100
79) 2-Chlorotoluene	12.90	91	381987	48.17	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	484238	49.43	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32668	53.43	ug/l	100
82) 4-Chlorotoluene	13.00	91	410559	48.60	ug/l	100
83) tert-Butylbenzene	13.22	119	419649	49.84	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	507095	49.91	ug/l	100
85) sec-Butylbenzene	13.40	105	607295	50.37	ug/l	100
86) p-Isopropyltoluene	13.51	119	550111	50.92	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	283024	48.71	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	281362	48.47	ug/l	100
89) n-Butylbenzene	13.84	91	517487	51.21	ug/l	100
90) Hexachloroethane	14.11	117	97101	50.30	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	259445	49.04	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.50	75	20585	52.32	ug/l	100

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Manual Integrations
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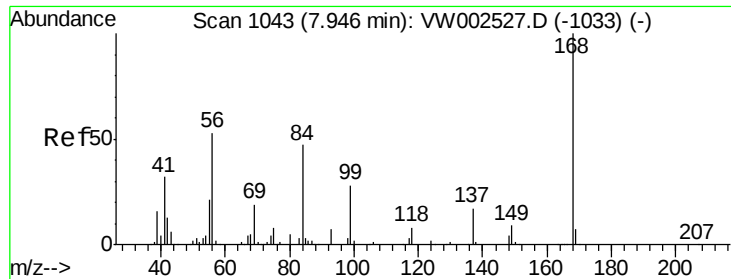
apatel
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	190699	50.28	ug/l	100
94) Hexachlorobutadiene	15.26	225	106595	50.48	ug/l	100
95) Naphthalene	15.38	128	370449	52.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	170660	50.15	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 236592

Ion Ratio Lower Upper

168 100

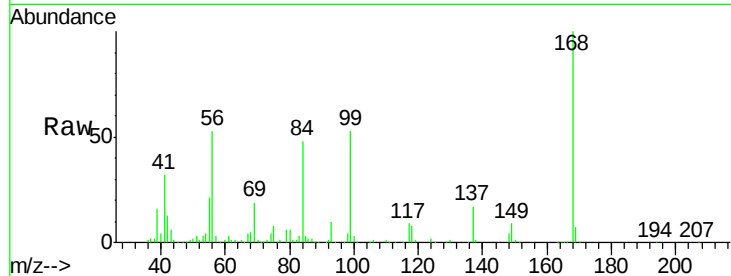
99 53.3 42.6 64.0

Manual Integrations

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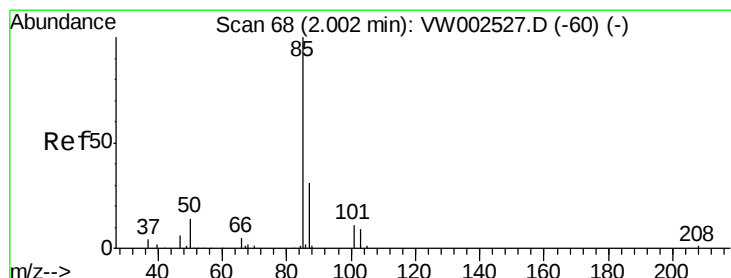
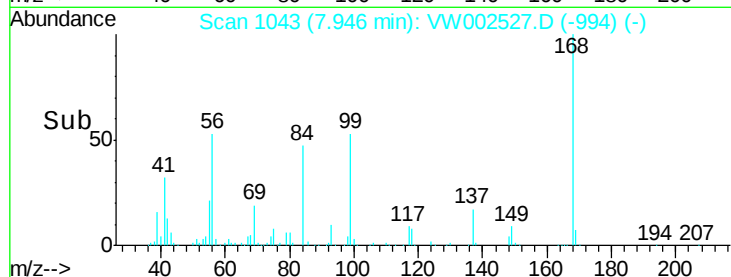
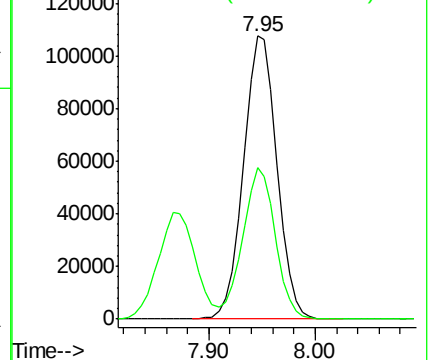
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 49.99 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW002527.D

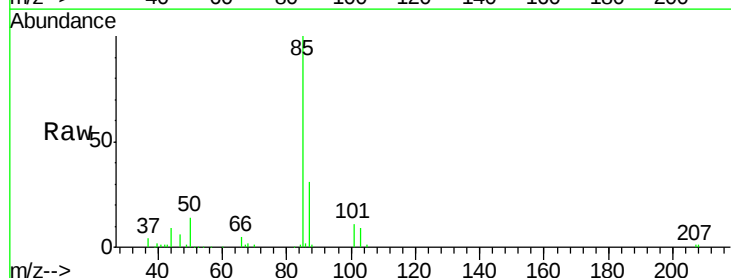
Acq: 14 May 2018 22:06

Tgt Ion: 85 Resp: 44415

Ion Ratio Lower Upper

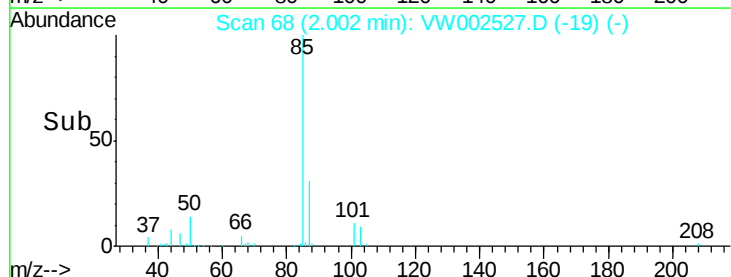
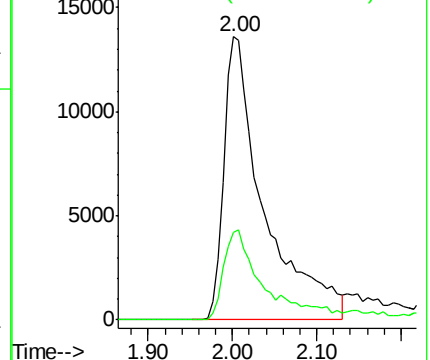
85 100

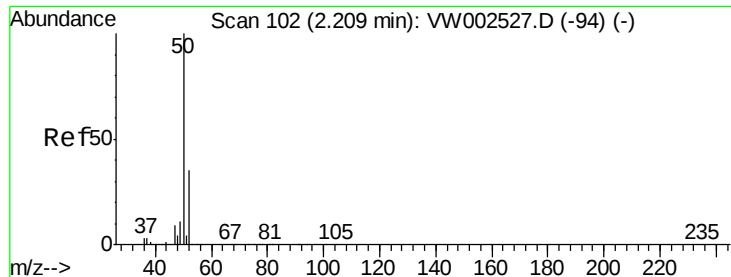
87 30.7 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.75 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 80007

Ion Ratio Lower Upper

50 100

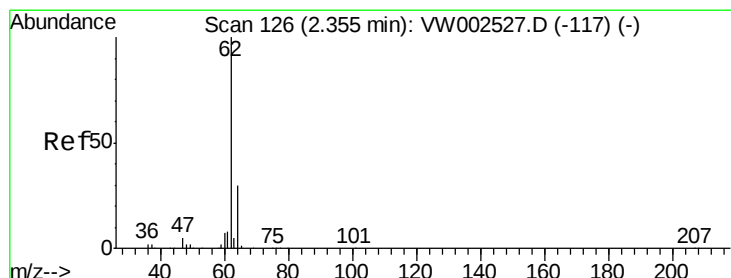
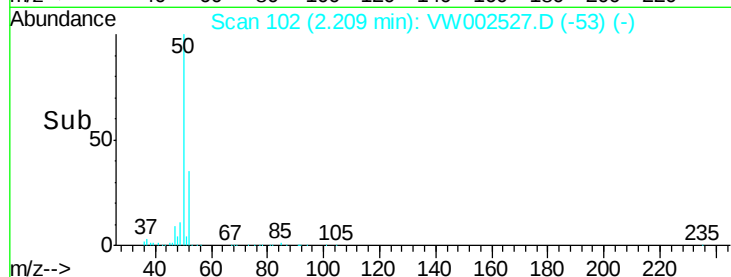
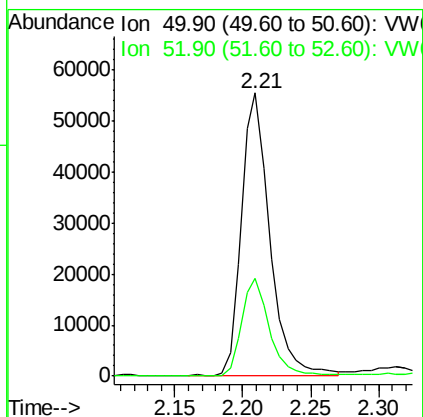
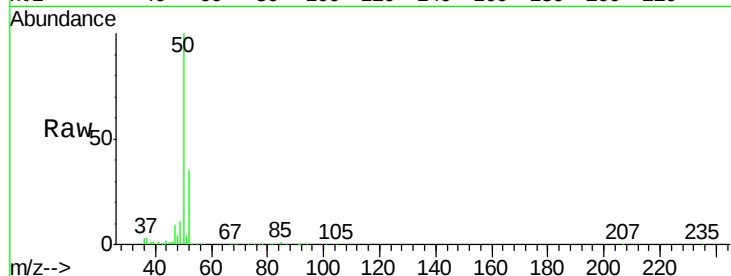
52 34.8 27.8 41.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.20 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW002527.D

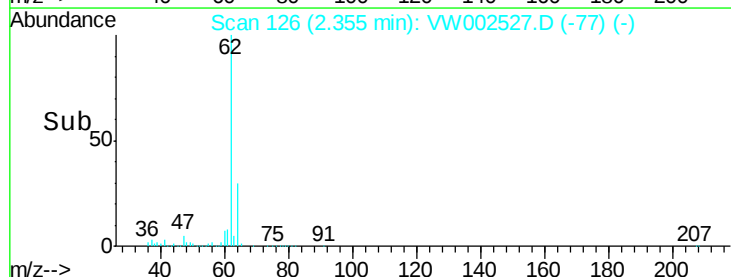
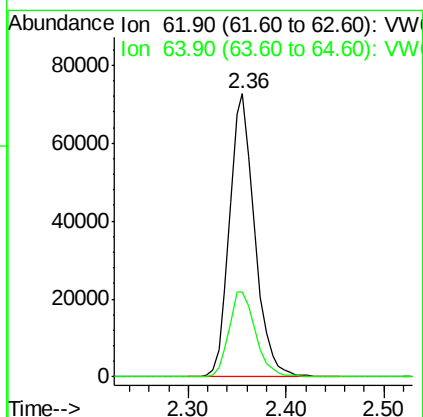
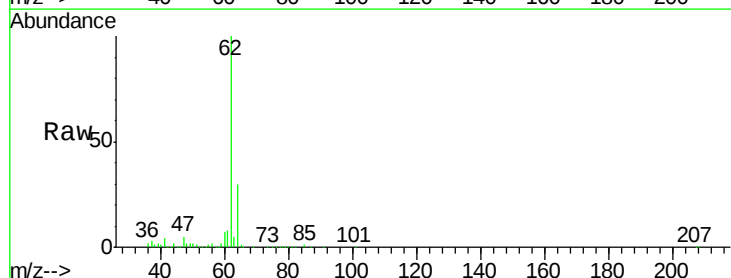
Acq: 14 May 2018 22:06

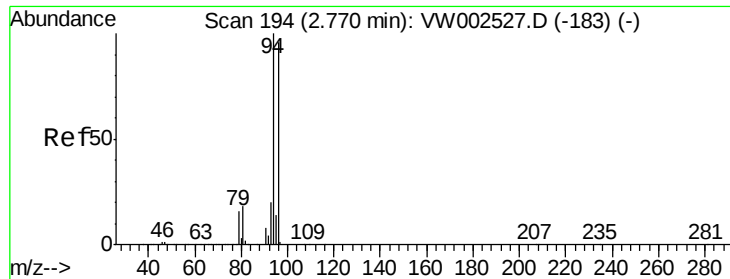
Tgt Ion: 62 Resp: 129611

Ion Ratio Lower Upper

62 100

64 30.0 24.0 36.0





#5

Bromomethane

Concen: 43.85 ug/l

RT: 2.77 min Scan# 194

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 104182

Ion Ratio Lower Upper

94 100

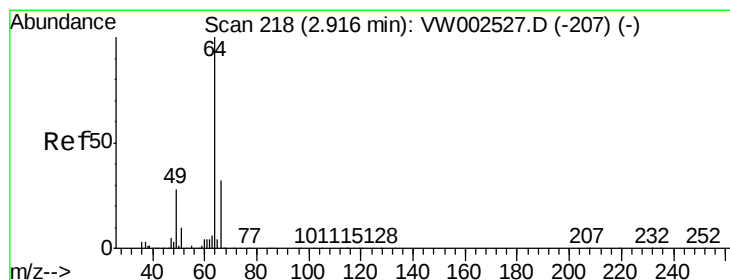
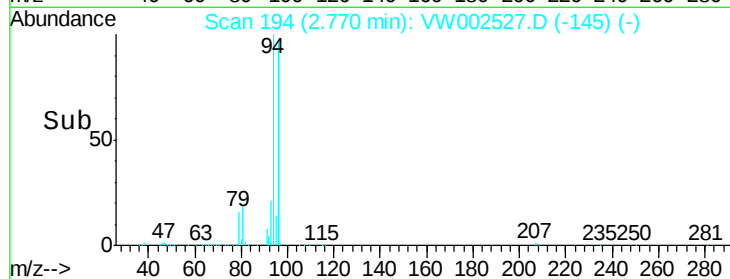
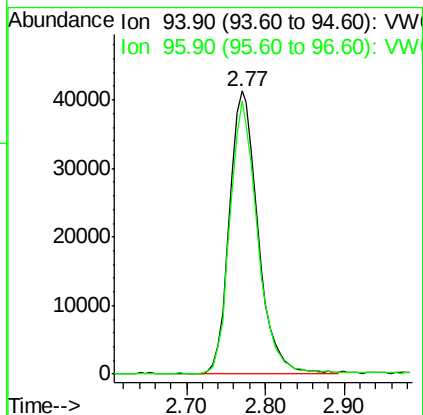
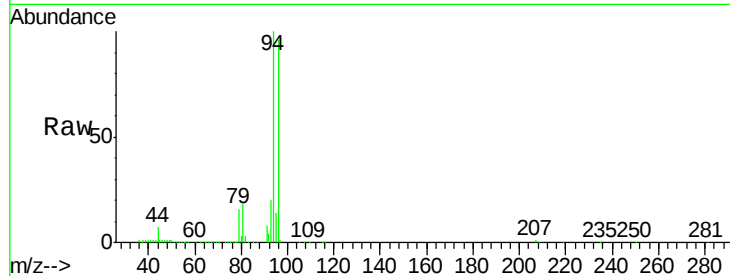
96 96.2 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 44.79 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW002527.D

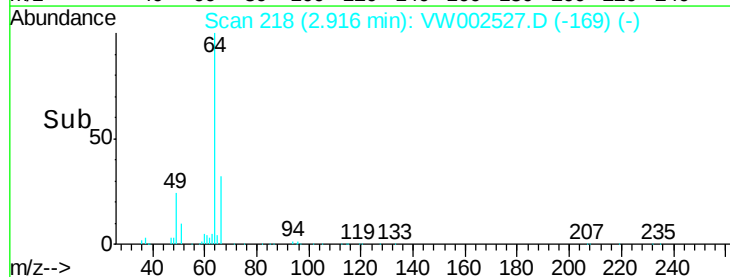
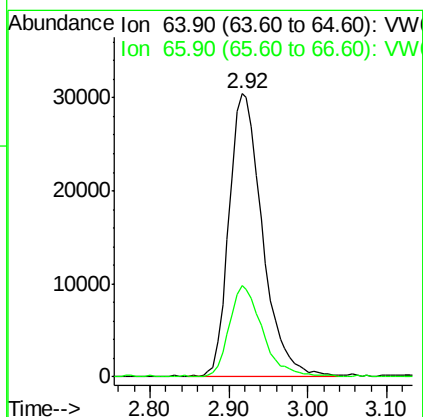
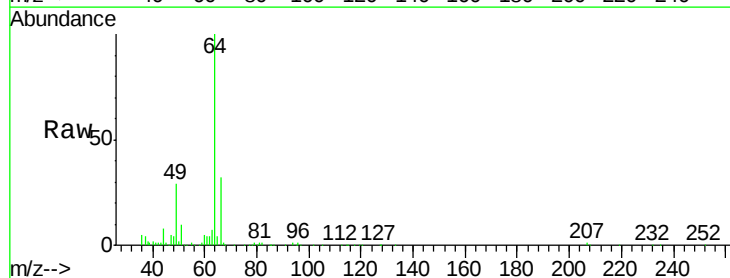
Acq: 14 May 2018 22:06

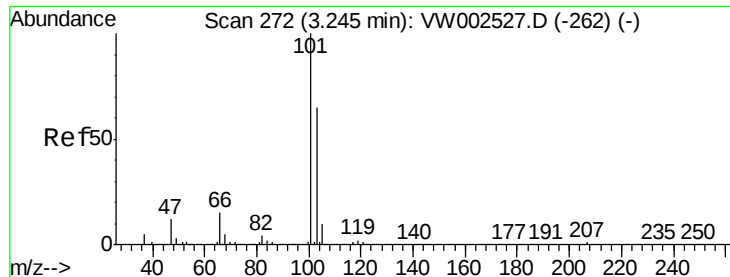
Tgt Ion: 64 Resp: 89444

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.8





#7

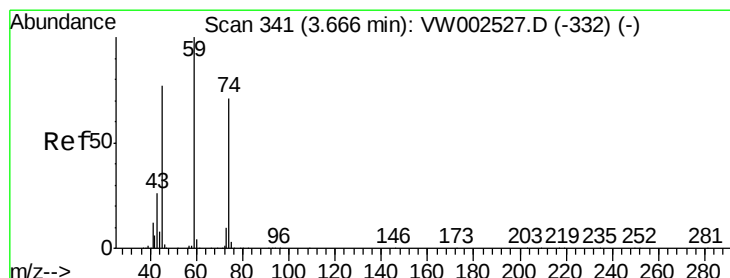
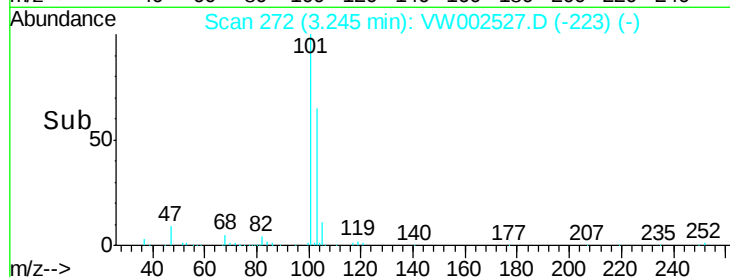
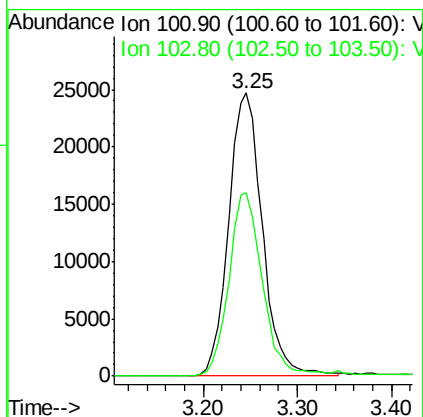
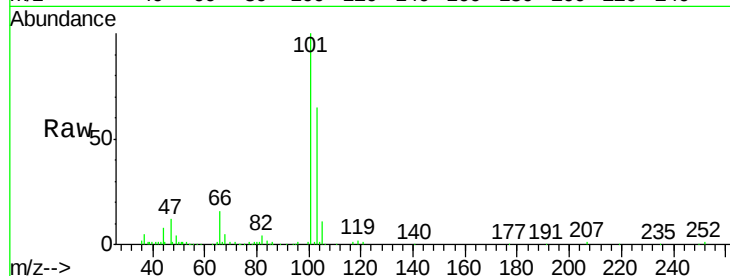
Trichlorofluoromethane
Concen: 50.41 ug/l
RT: 3.25 min Scan# 272
Delta R.T. 0.00 min
Lab File: VW002527.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.8	77.8

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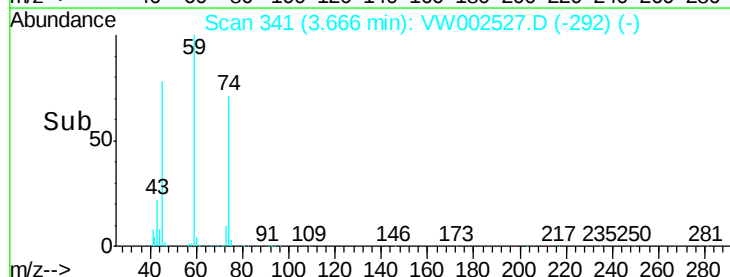
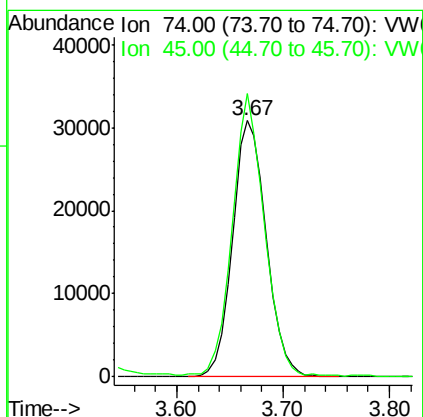
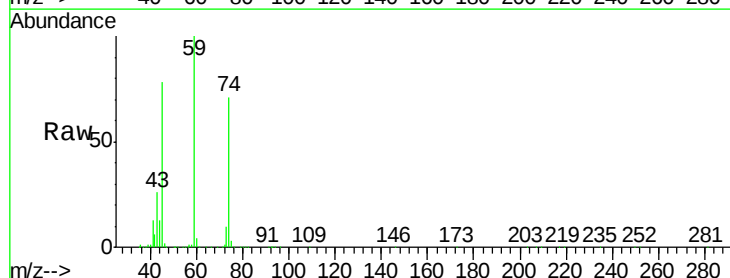
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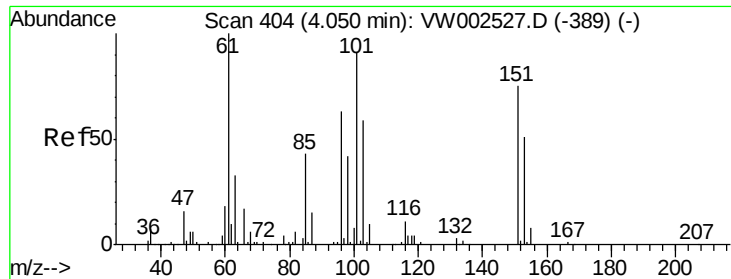


#8

Diethyl Ether
Concen: 49.82 ug/l
RT: 3.67 min Scan# 341
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.5	52.3	156.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.60 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

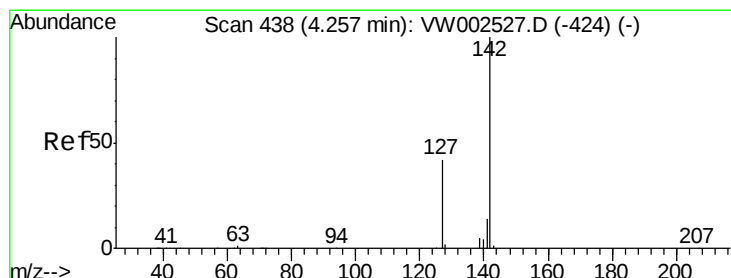
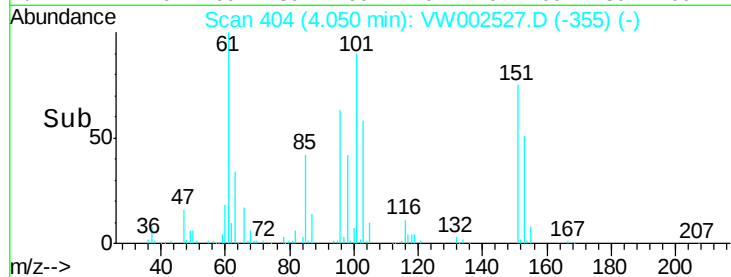
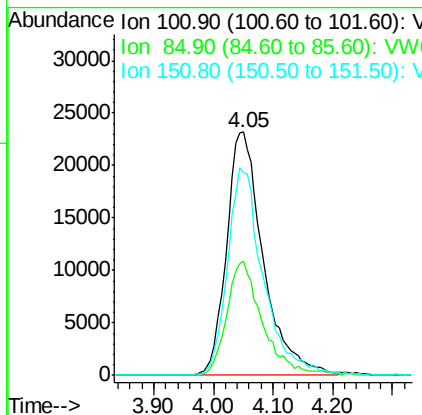
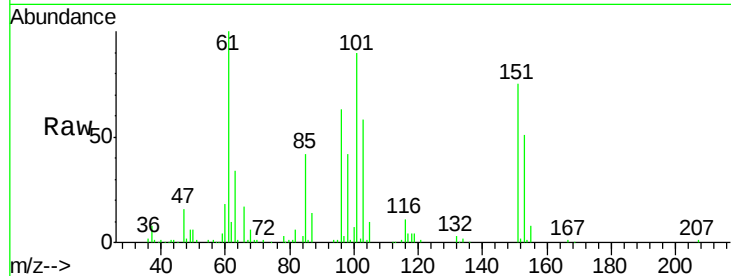
ClientSampled :

VSTDICCC050

Tot Ion:	101	Resp:	99442
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.5	54.7
151	83.4	66.7	100.1

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#10

Methyl Iodide

Concen: 44.99 ug/l

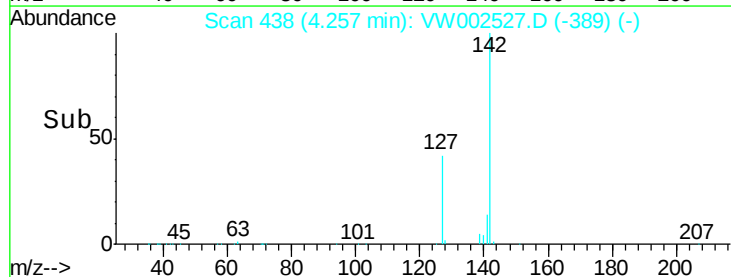
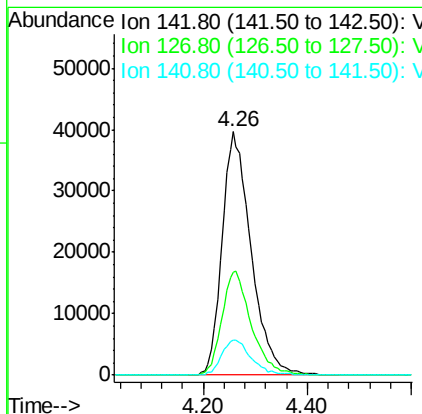
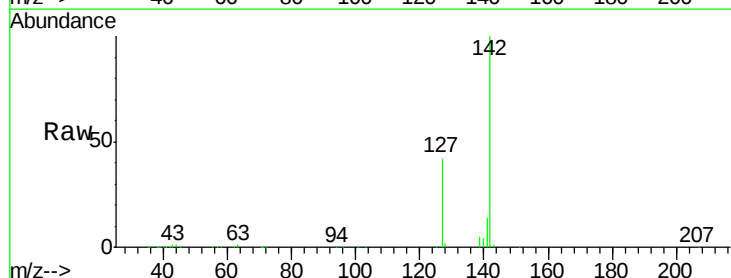
RT: 4.26 min Scan# 438

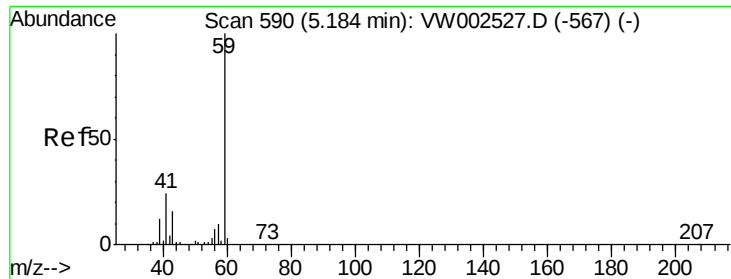
Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Tgt Ion:	142	Resp:	154487
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.6	52.0
141	14.8	11.8	17.8





#11

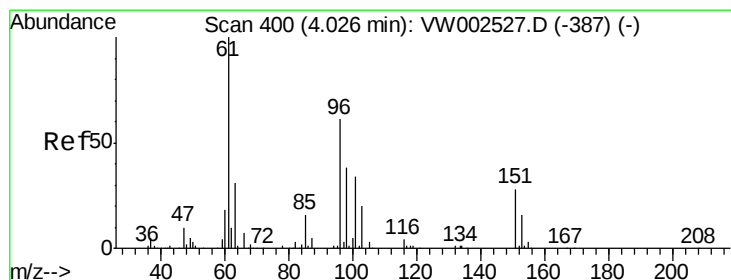
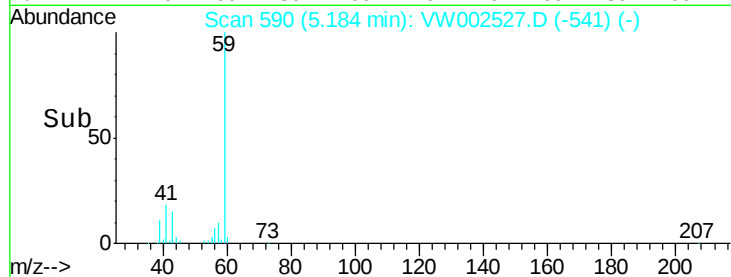
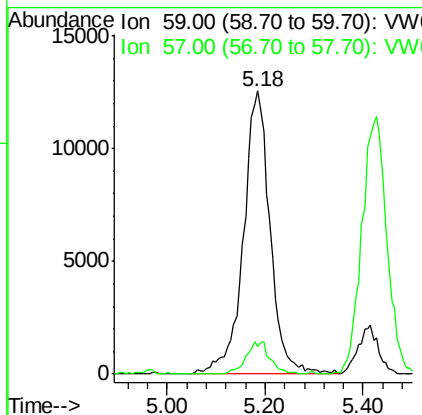
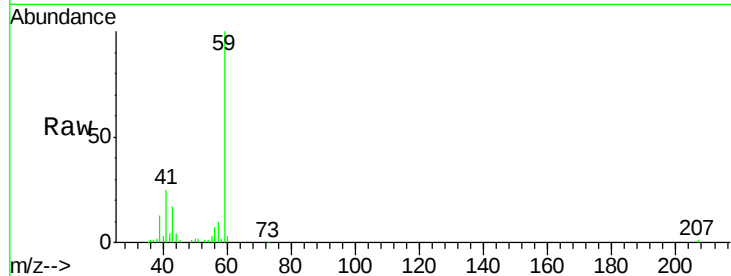
Tert butyl alcohol
Concen: 254.69 ug/l
RT: 5.18 min Scan# 590
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	59	Resp	47513
Ion Ratio	100	Lower	Upper
57	10.3	8.2	12.4

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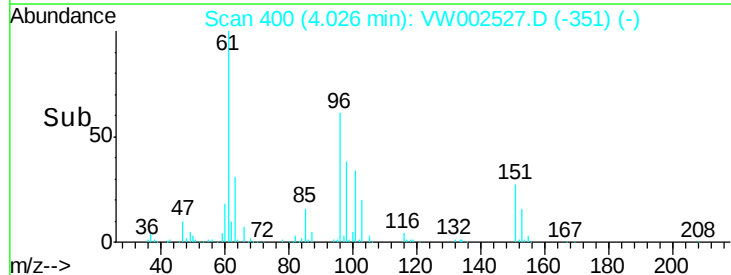
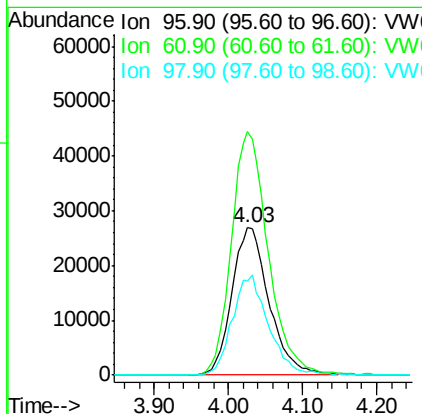
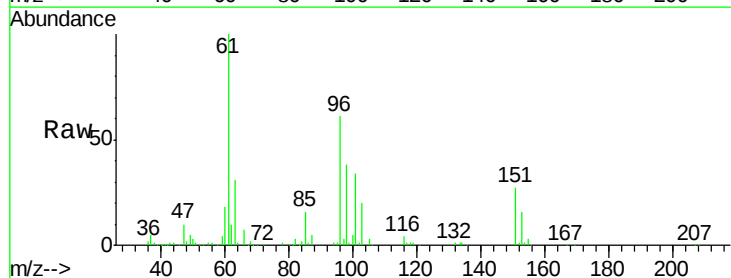
apatel
5/15/2018 6:11:31 PM

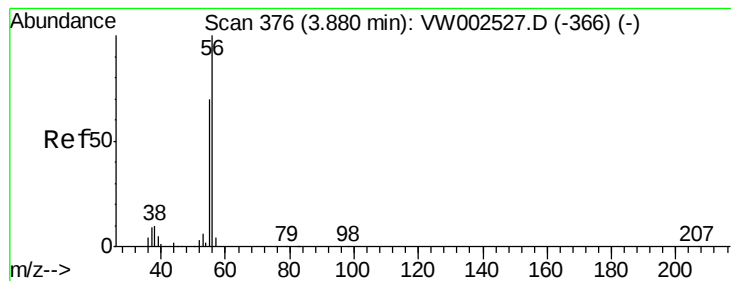


#12

1,1-Dichloroethene
Concen: 44.71 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	96	Resp	94106
Ion Ratio	100	Lower	Upper
61	165.2	132.2	198.2
98	63.3	50.6	76.0





#13

Acrolein

Concen: 287.81 ug/l

RT: 3.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 45926

Ion Ratio Lower Upper

56 100

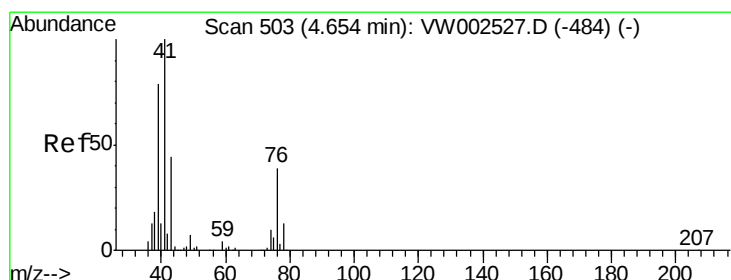
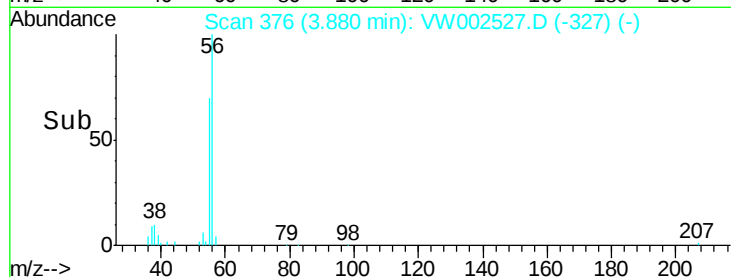
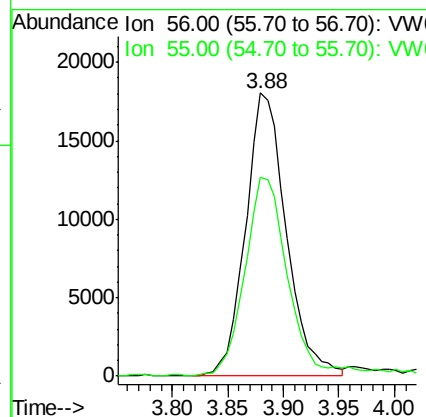
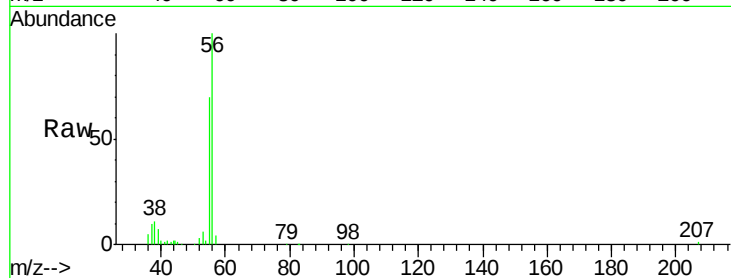
55 71.2 57.0 85.4

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#14

Allyl chloride

Concen: 46.70 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

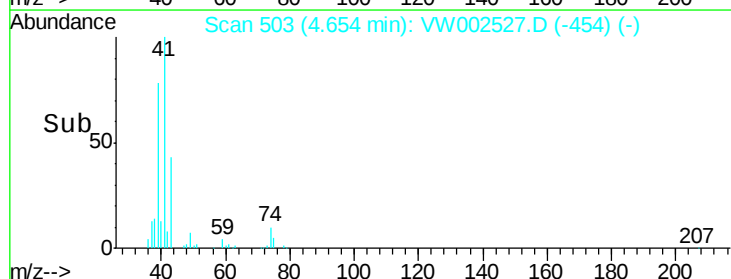
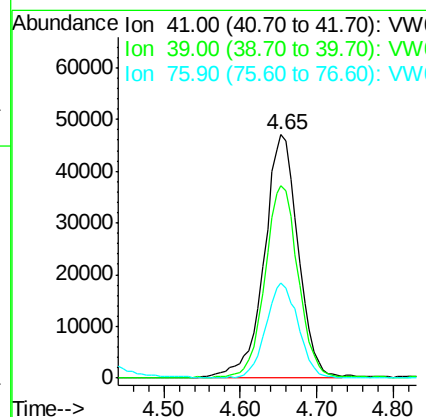
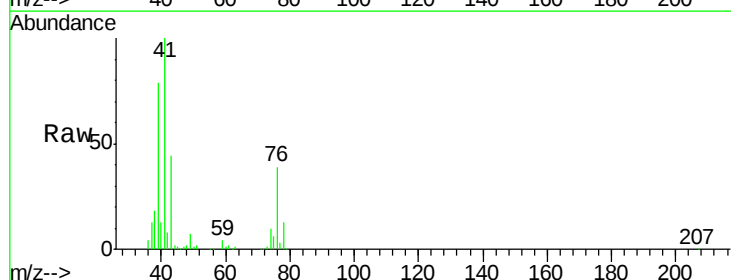
Tgt Ion: 41 Resp: 144980

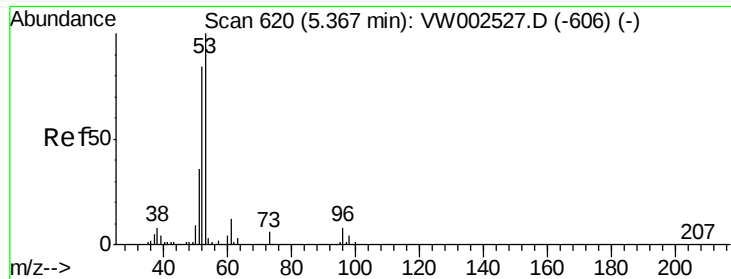
Ion Ratio Lower Upper

41 100

39 76.8 61.4 92.2

76 37.0 29.6 44.4





#15

Acrylonitrile

Concen: 245.85 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

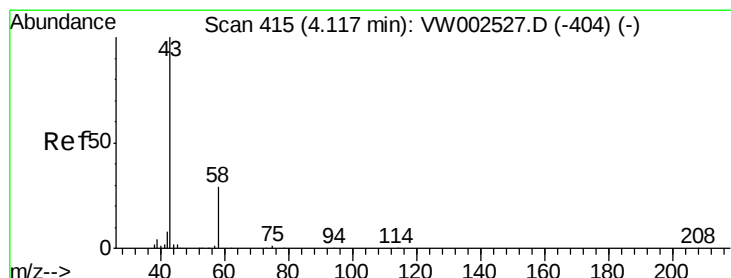
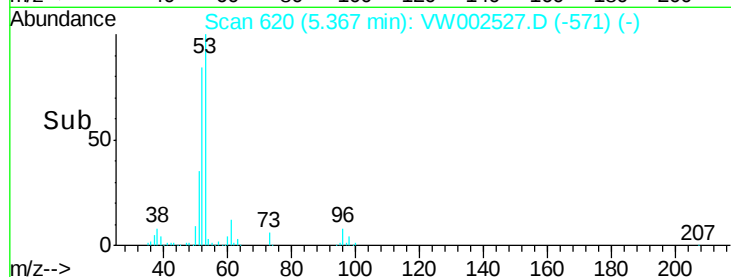
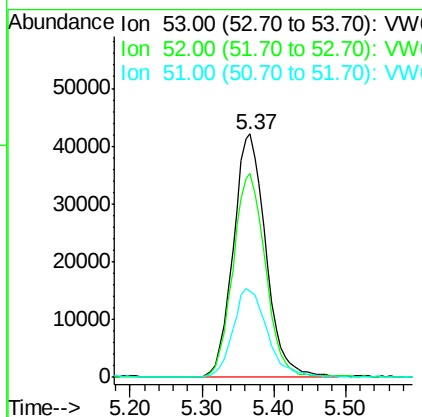
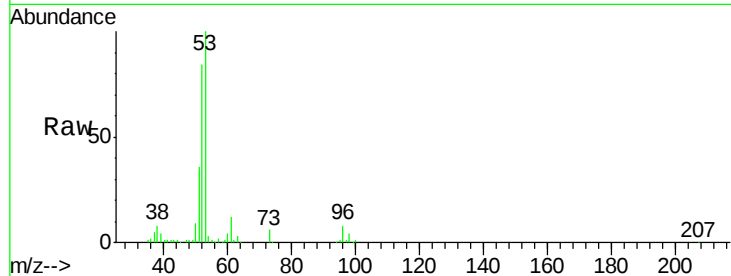
ClientSampled :

VSTDICCC050

Tot Ion:	53	Resp:	132293
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.6	100.0
51	38.3	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 251.24 ug/l

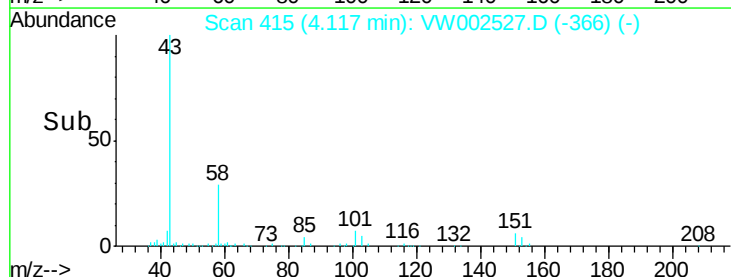
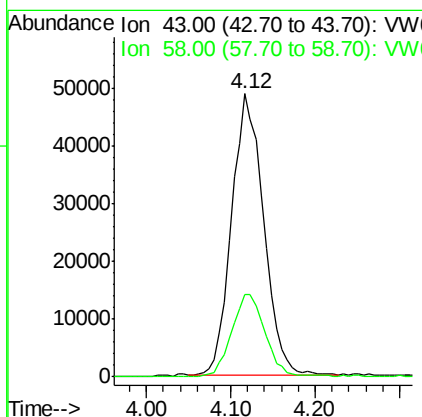
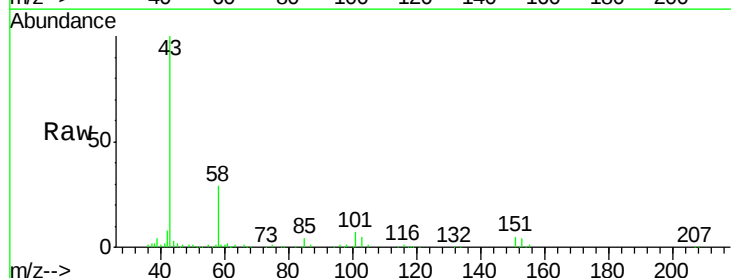
RT: 4.12 min Scan# 415

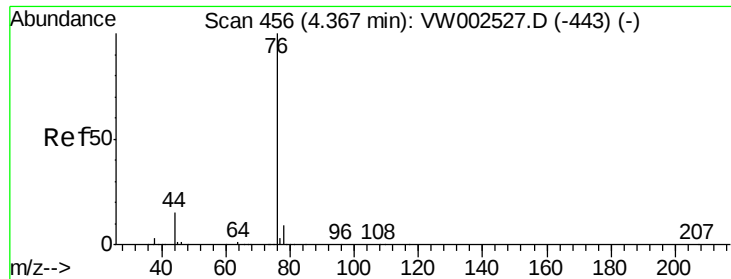
Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Tgt Ion:	43	Resp:	125060
Ion Ratio	Lower	Upper	
43	100		
58	29.2	23.4	35.0





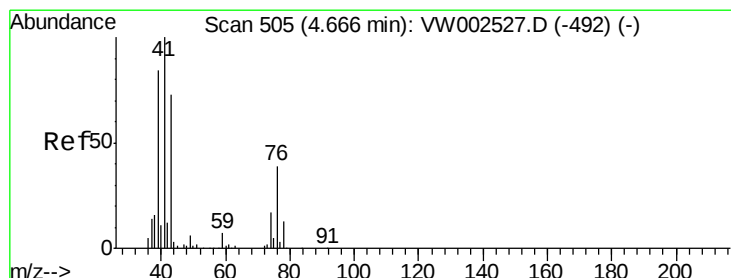
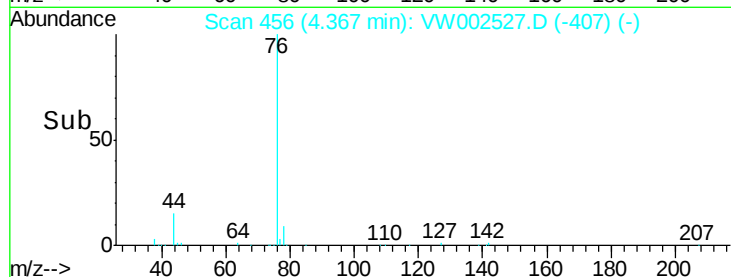
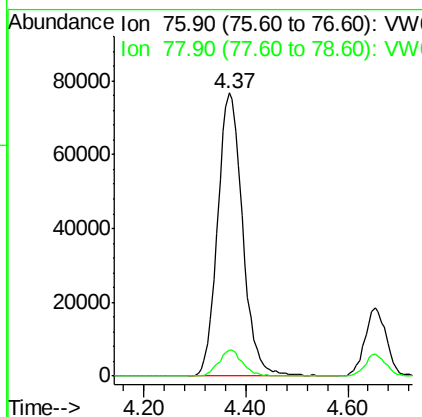
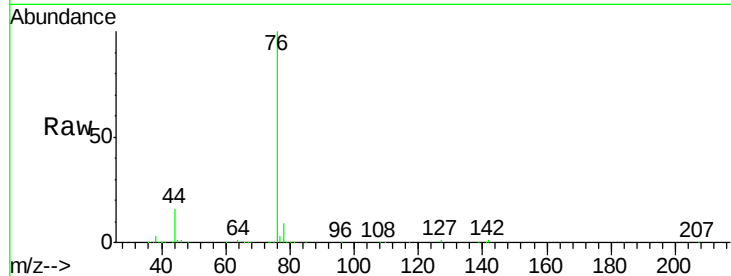
#17
Carbon Disulfide
Concen: 43.05 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

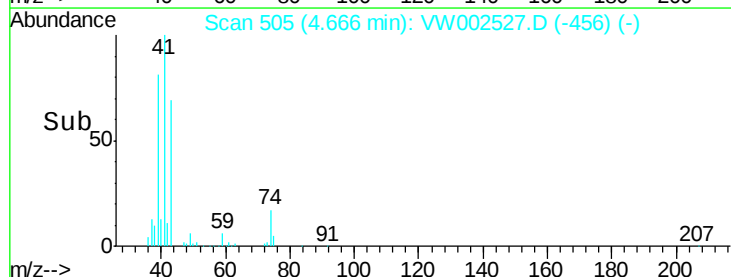
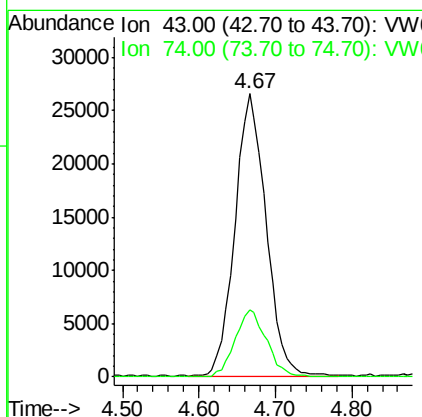
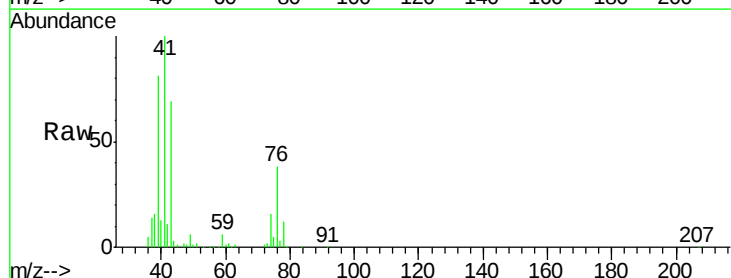
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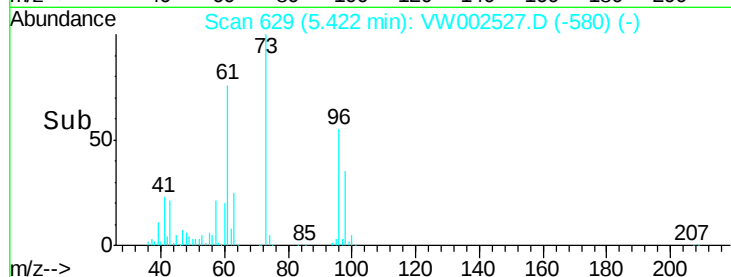
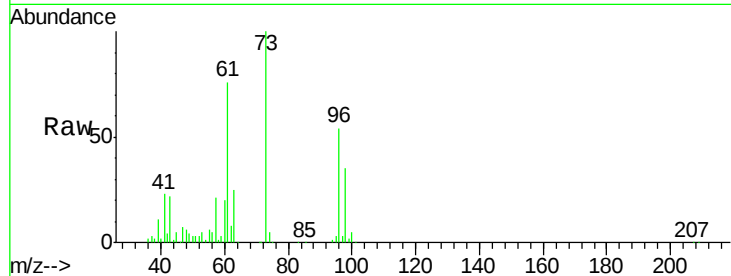
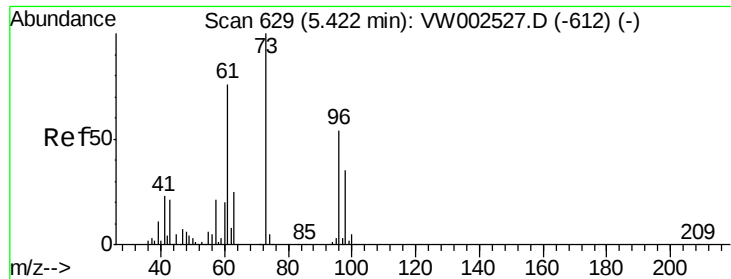
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#18
Methyl Acetate
Concen: 50.47 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.2	28.8





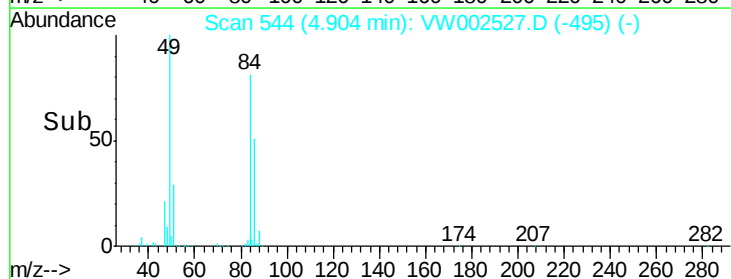
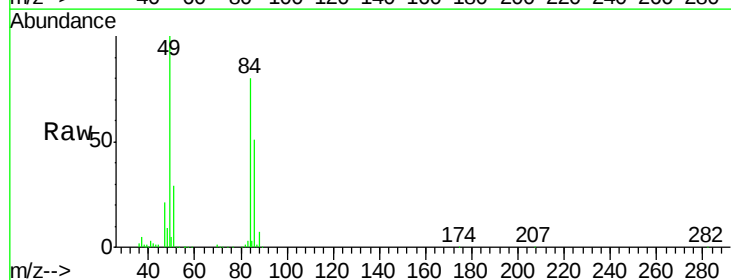
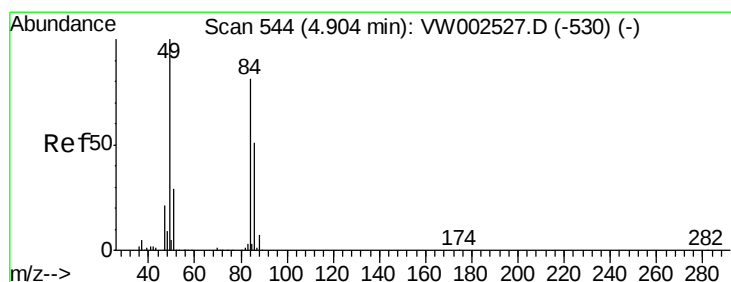
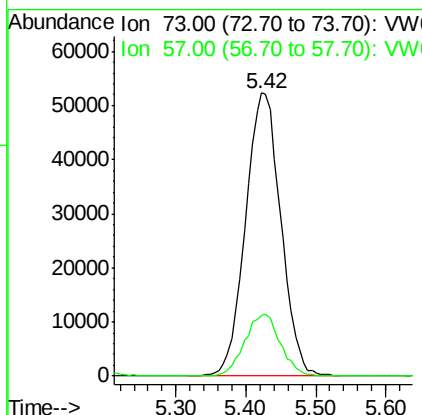
#19
Methvl tert-butvl Ether
Concen: 49.15 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tot Ion: 73 Resp: 183521
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

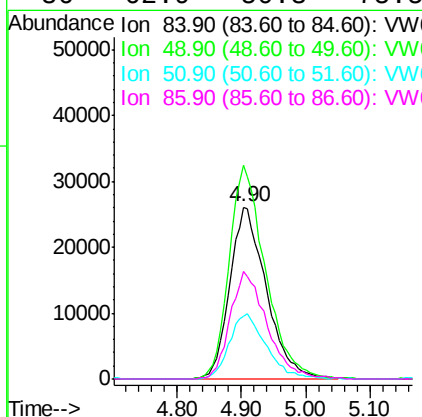
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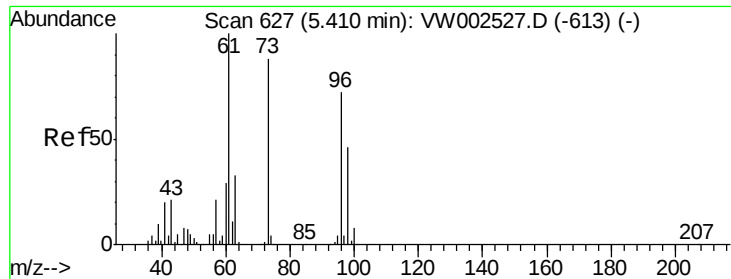
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#20
Methylene Chloride
Concen: 44.03 ug/l
RT: 4.90 min Scan# 544
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion: 84 Resp: 102920
Ion Ratio Lower Upper
84 100
49 124.2 99.4 149.0
51 36.3 29.0 43.6
86 62.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 45.97 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

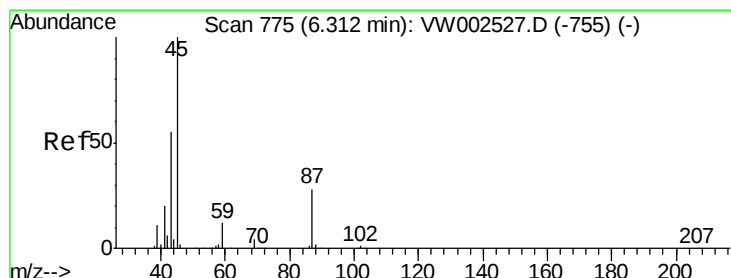
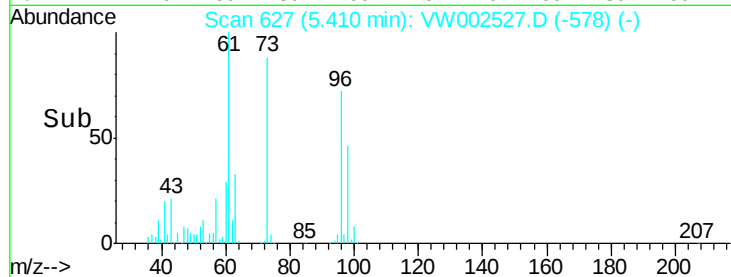
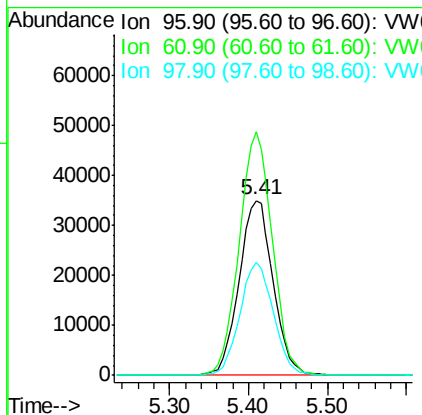
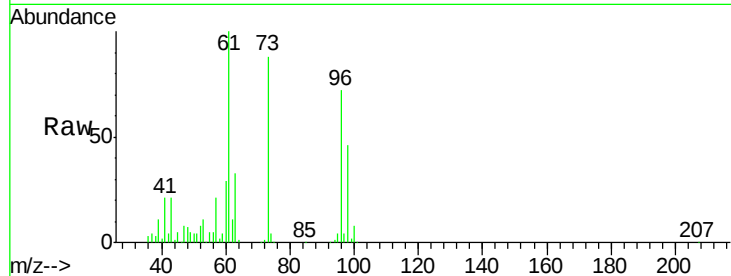
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	104584
Ion	Ratio	Lower	Upper
96	100		
61	139.5	111.6	167.4
98	64.6	51.7	77.5

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#22

Diisopropyl ether

Concen: 47.21 ug/l

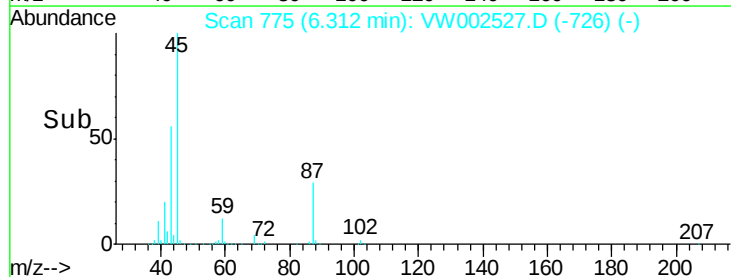
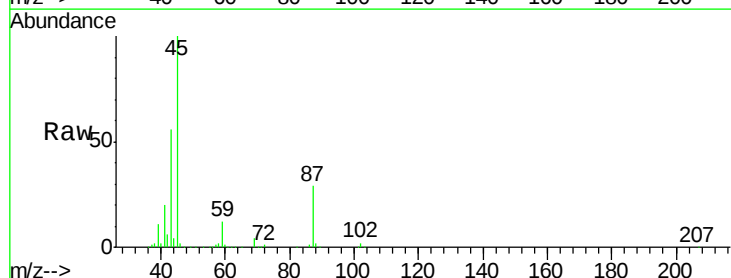
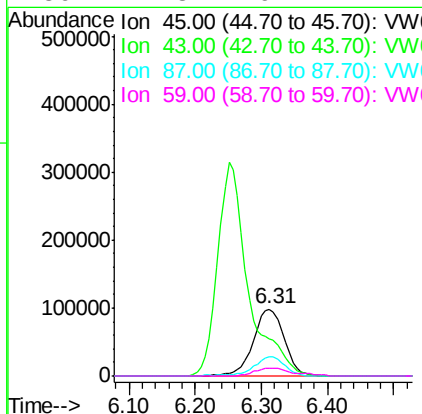
RT: 6.31 min Scan# 775

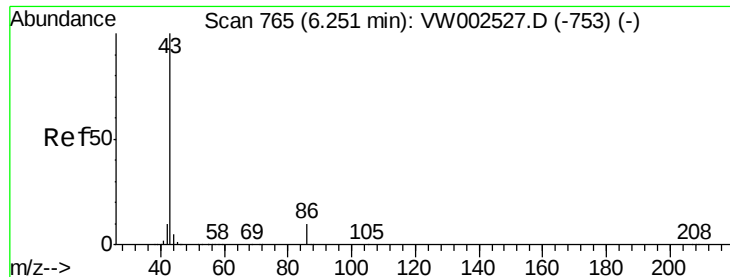
Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Tgt Ion:	45	Resp:	322444
Ion	Ratio	Lower	Upper
45	100		
43	55.5	44.4	66.6
87	28.7	23.0	34.4
59	11.8	9.4	14.2





#23

Vinyl Acetate

Concen: 245.88 ug/l

RT: 6.25 min Scan# 765

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Tot Ion: 43 Resp: 1010044

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9

Instrument :

MSVOA_W

ClientSampleId :

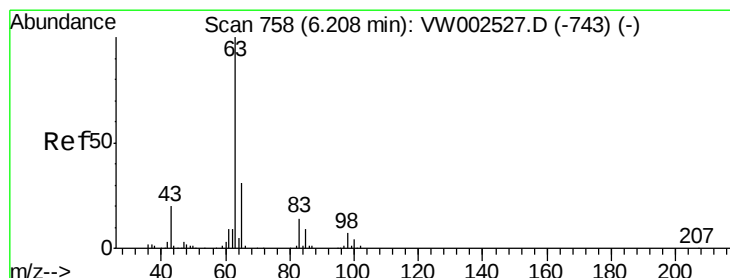
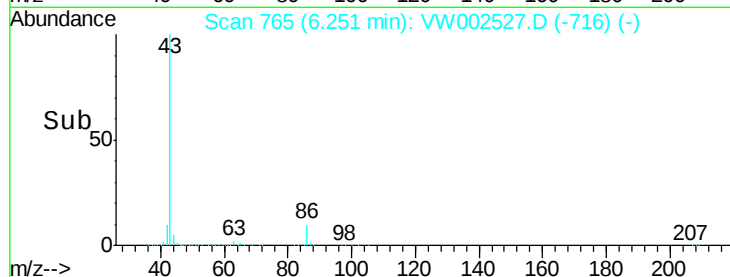
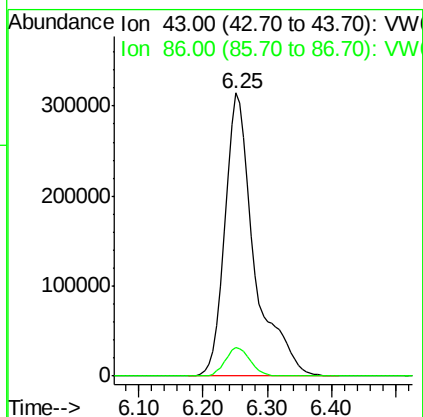
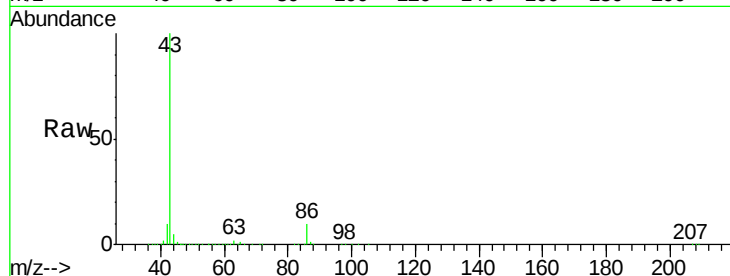
VSTDICCC050

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#24

1,1-Dichloroethane

Concen: 46.01 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

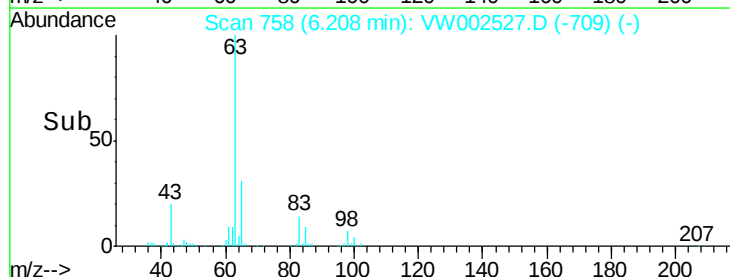
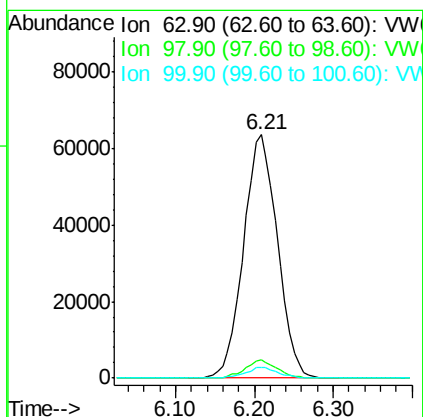
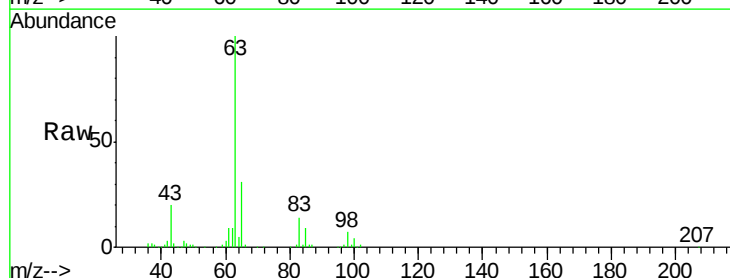
Tgt Ion: 63 Resp: 190035

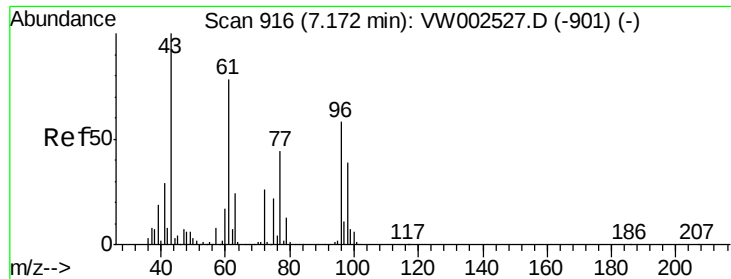
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 254.97 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 187344

Ion Ratio Lower Upper

43 100

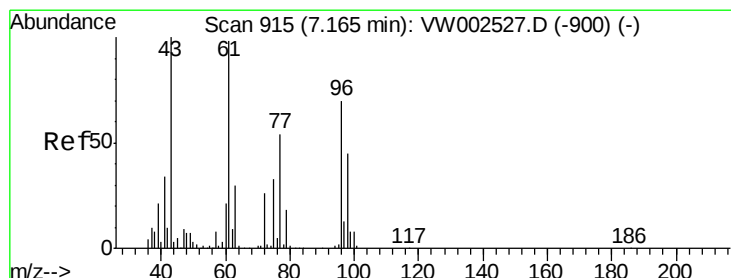
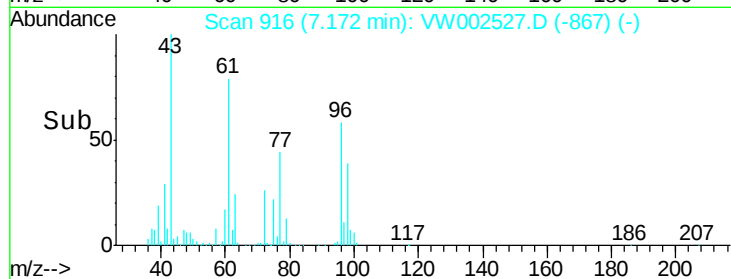
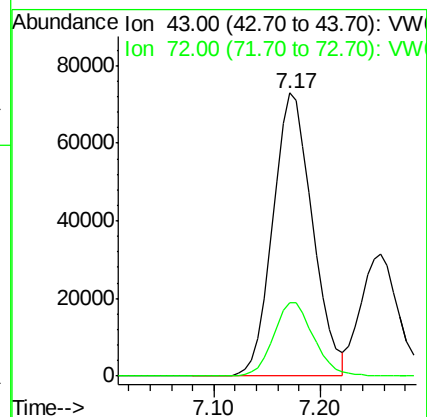
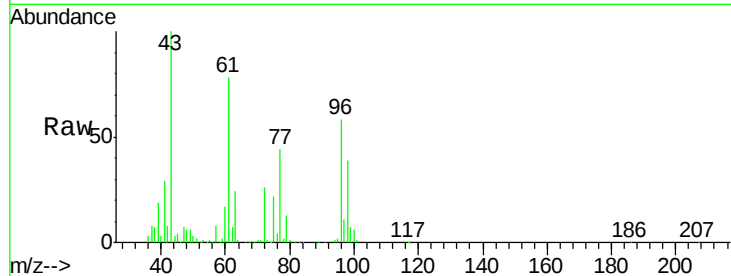
72 26.1 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.72 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW002527.D

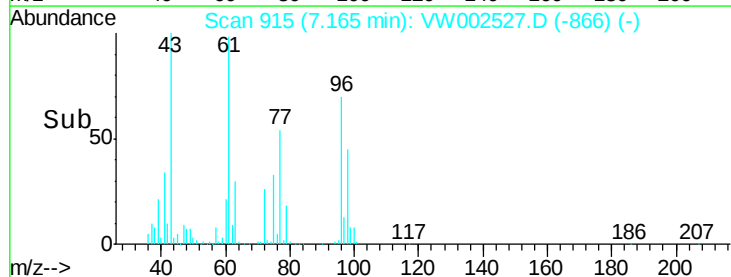
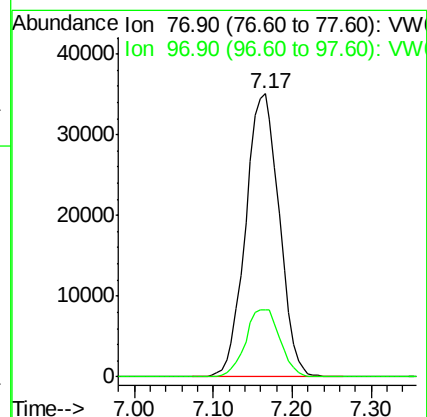
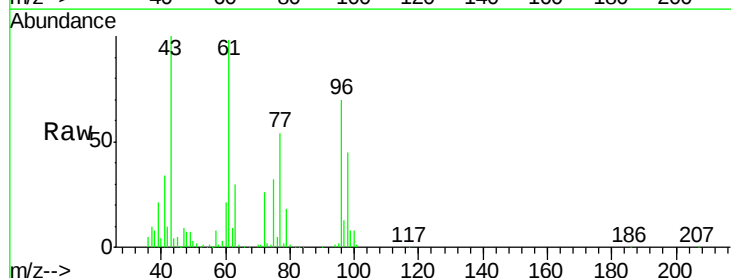
Acq: 14 May 2018 22:06

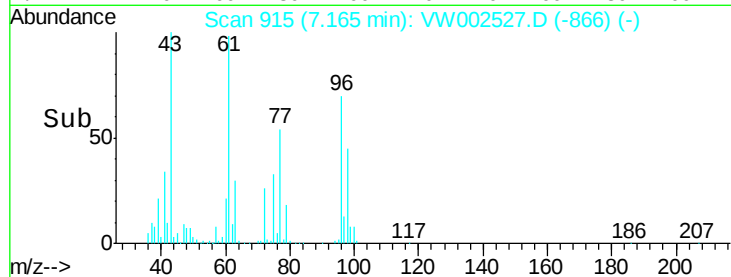
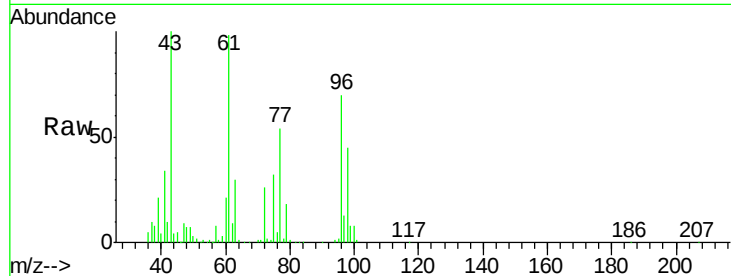
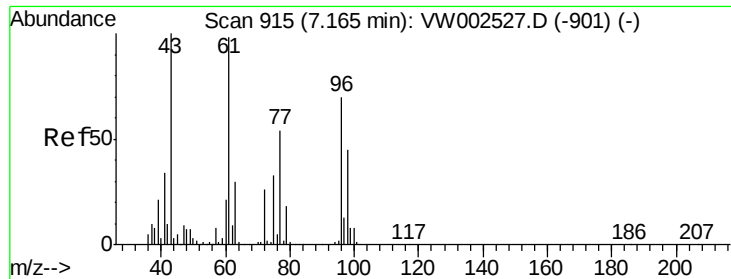
Tgt Ion: 77 Resp: 104085

Ion Ratio Lower Upper

77 100

97 24.2 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 45.99 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW002527.D

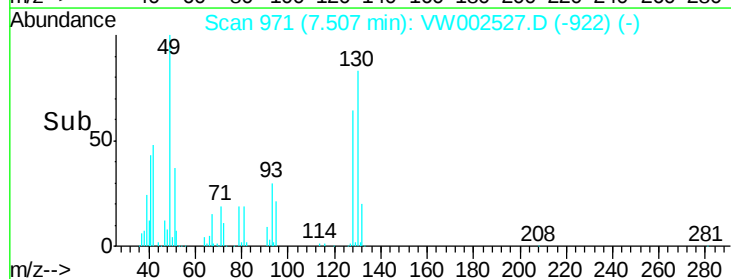
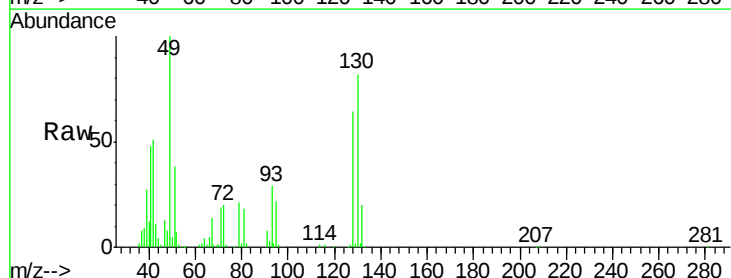
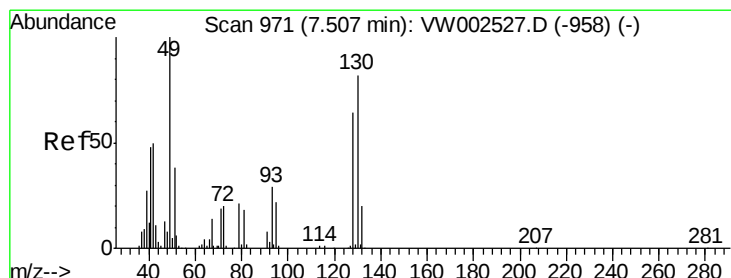
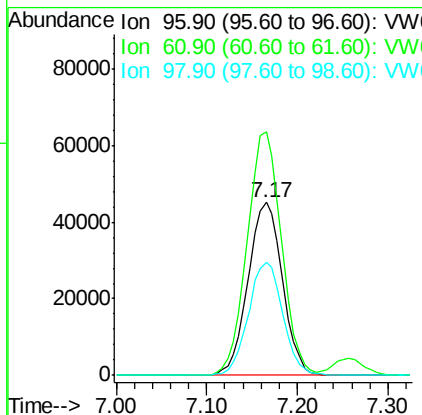
Acq: 14 May 2018 22:06

Tot Ion:	96	Resp:	118399
Ion Ratio	Lower	Upper	
96	100		
61	140.8	0.0	281.6
98	65.4	0.0	130.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

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#28

Bromochloromethane

Concen: 45.63 ug/l

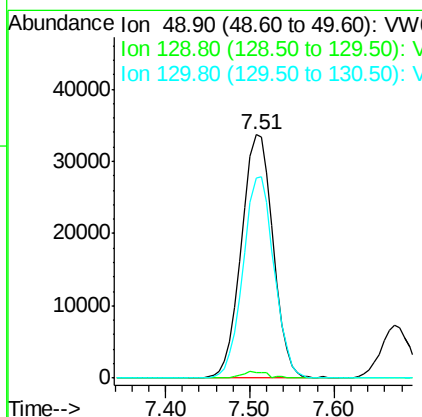
RT: 7.51 min Scan# 971

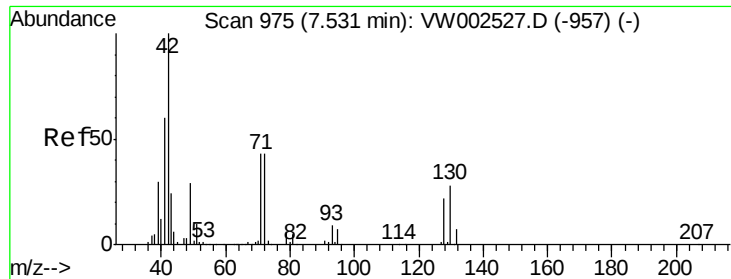
Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Tgt Ion:	49	Resp:	85750
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.4
130	80.9	64.7	97.1





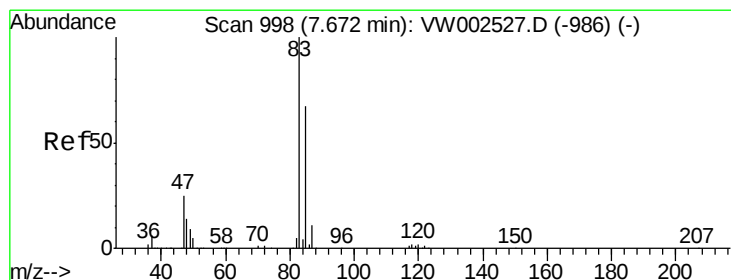
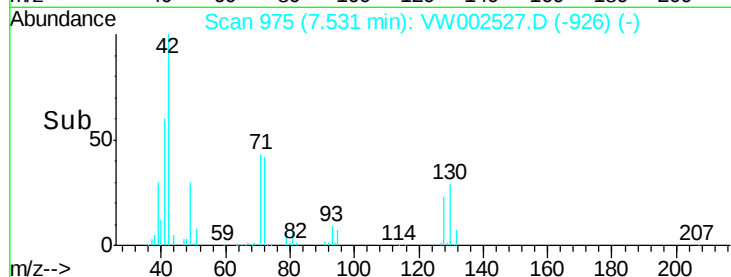
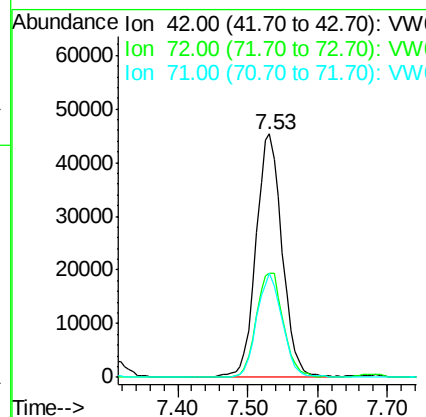
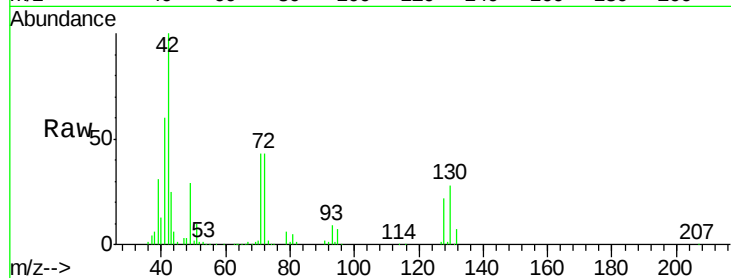
#29
Tetrahydrofuran
Concen: 246.52 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	35.0	52.4
71	41.3	33.0	49.6

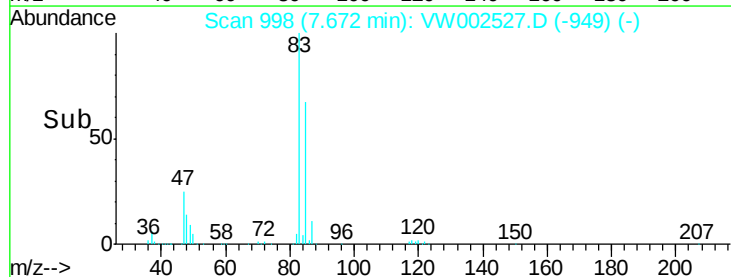
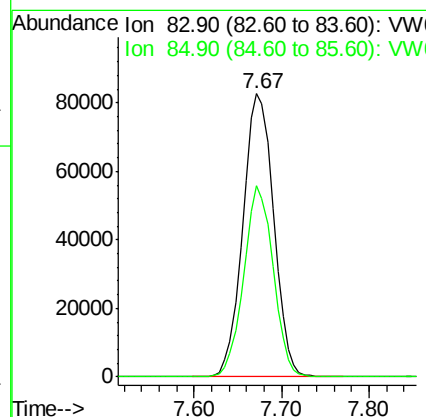
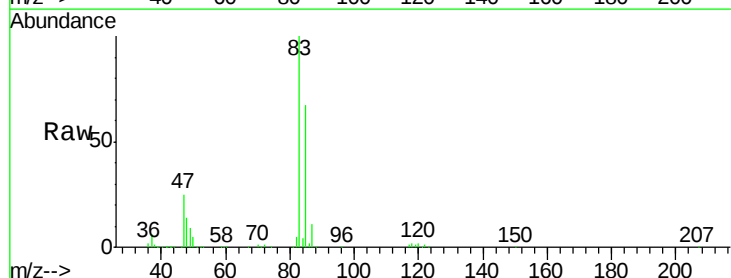
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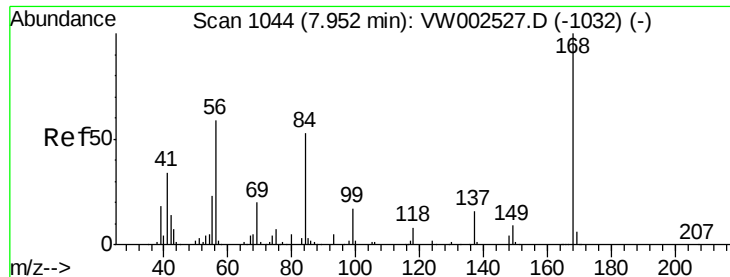
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#30
Chloroform
Concen: 46.63 ug/l
RT: 7.67 min Scan# 998
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.4	53.9	80.9





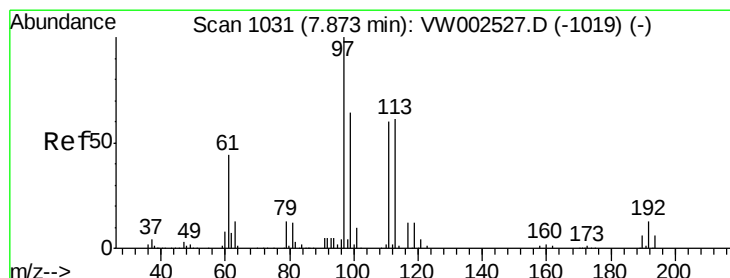
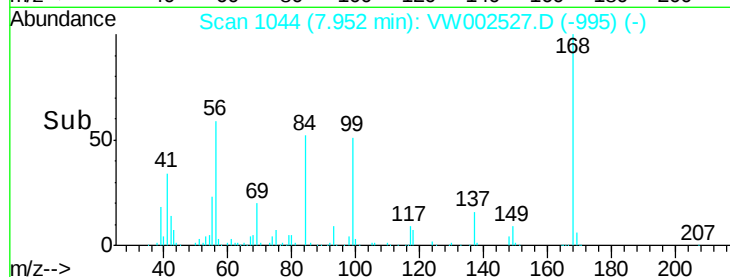
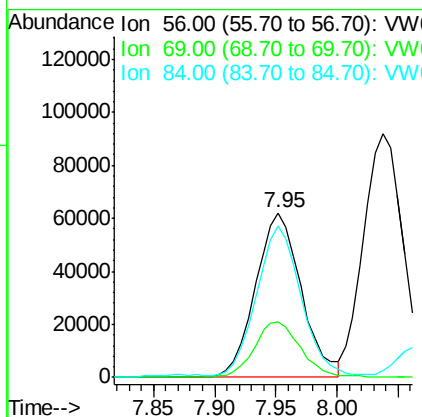
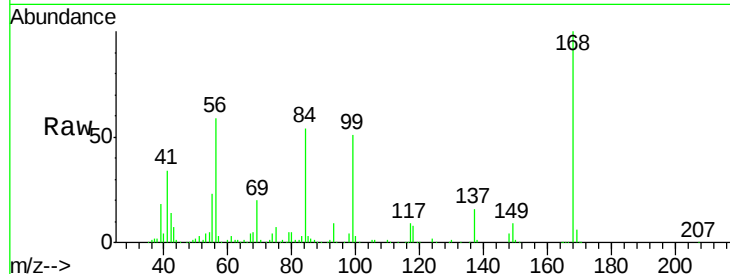
#31
Cyclohexane
Concen: 43.79 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	33.7	27.0	40.4	
84	90.2	72.2	108.2	

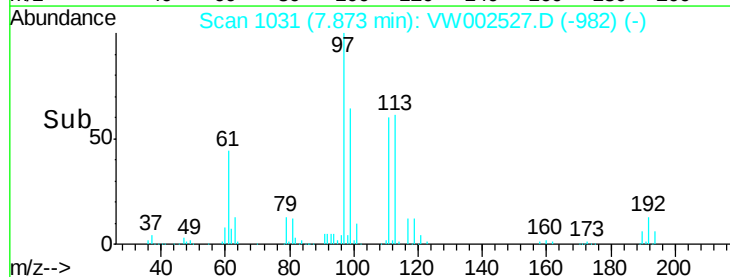
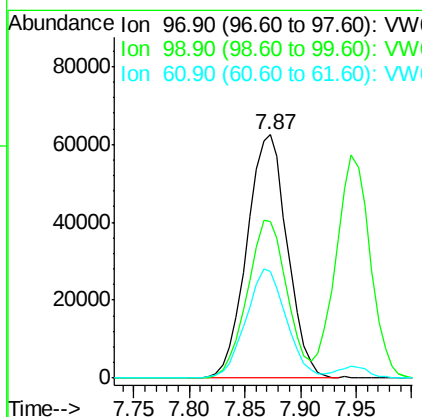
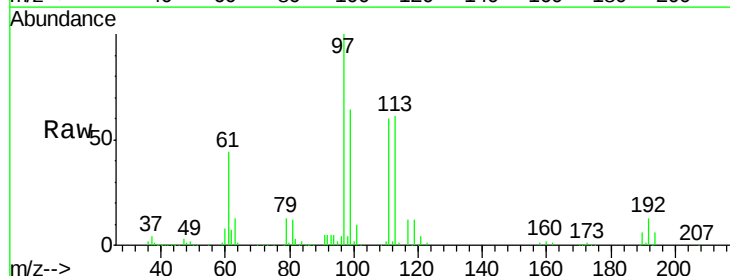
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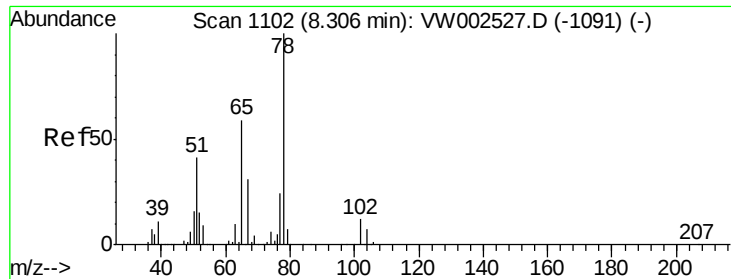
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#32
1,1,1-Trichloroethane
Concen: 48.30 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.9	51.1	76.7	
61	44.9	35.9	53.9	





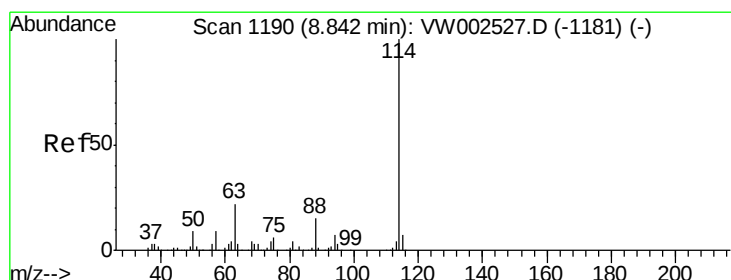
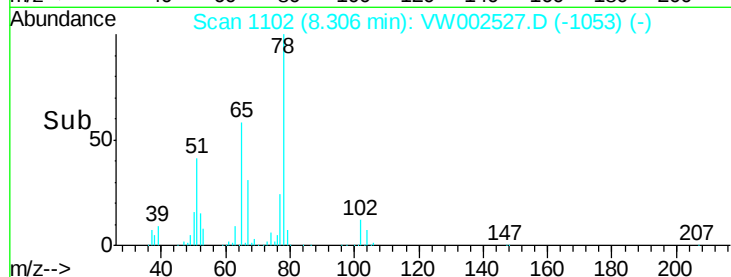
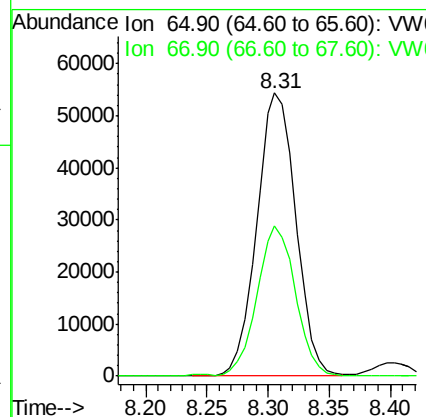
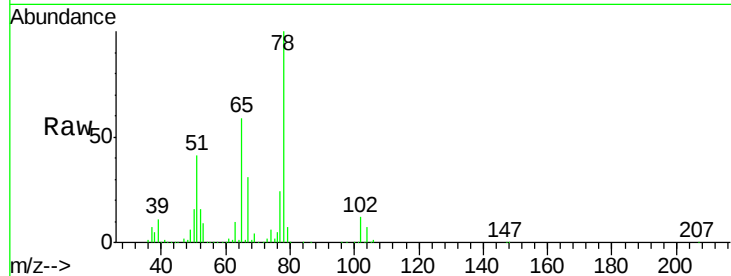
#33
 1,2-Dichloroethane-d4
 Concen: 48.42 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	120742		
67	52.2	0.0	104.4	

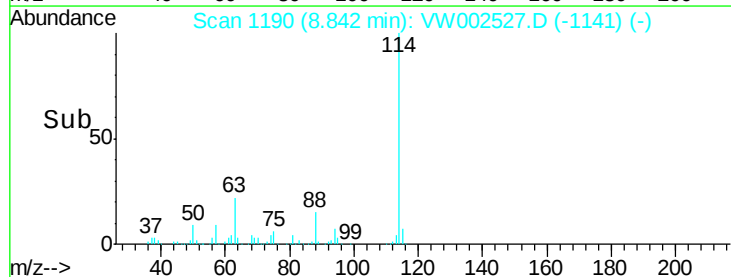
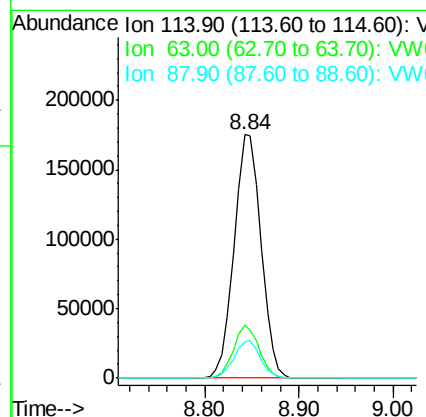
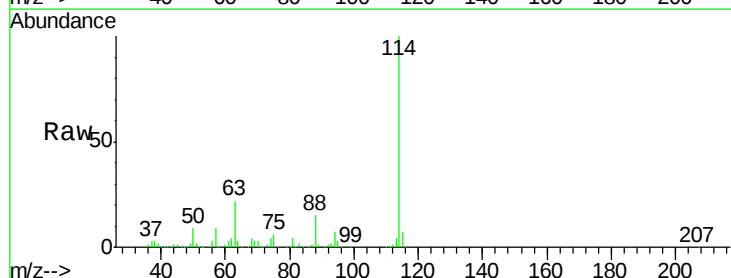
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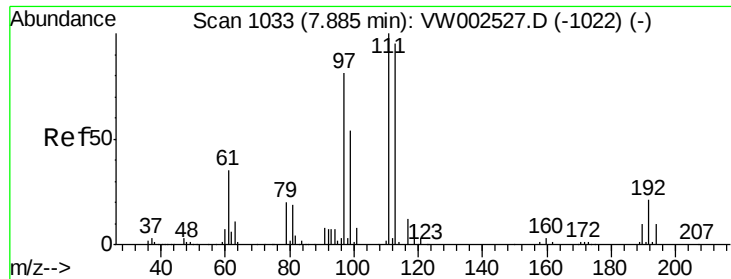
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	348188		
63	21.6	0.0	43.2	
88	14.6	0.0	29.2	





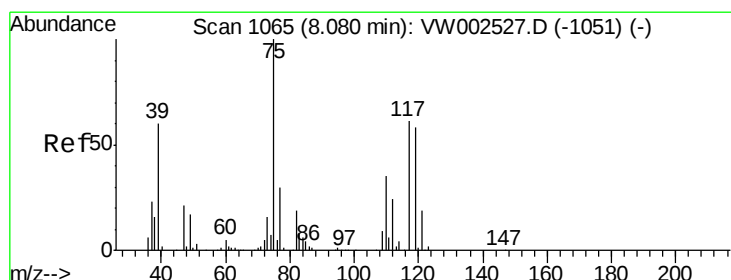
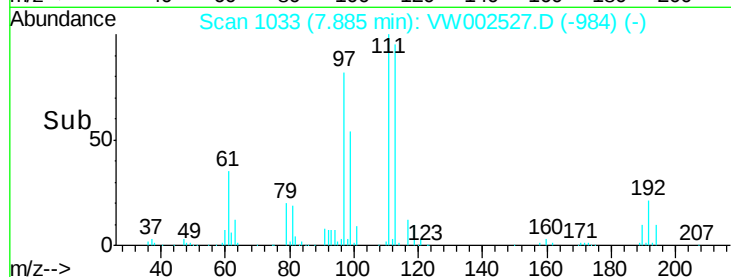
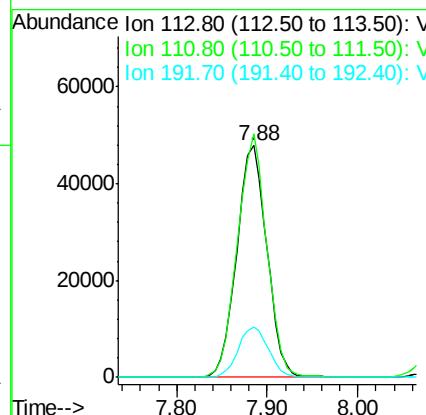
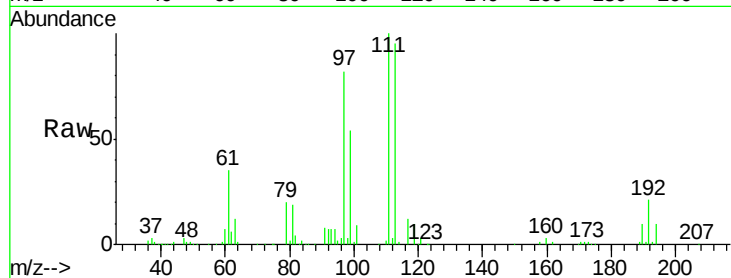
#35
 Dibromofluoromethane
 Concen: 49.96 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110761		
111	102.3	81.8	122.8	
192	21.9	17.5	26.3	

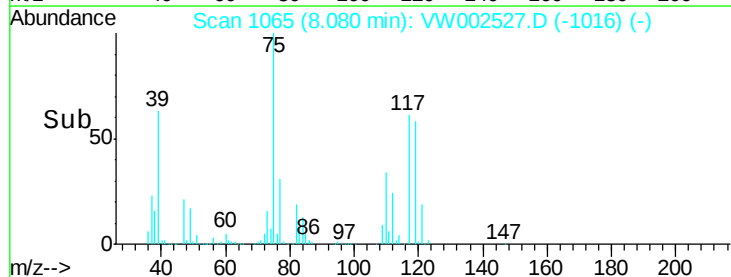
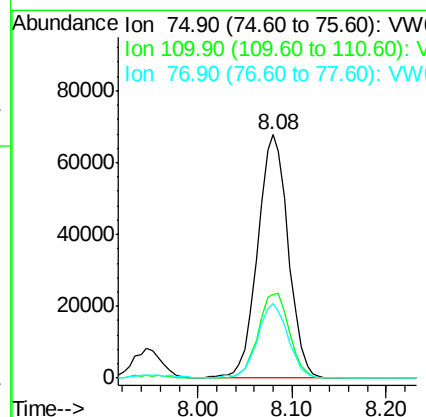
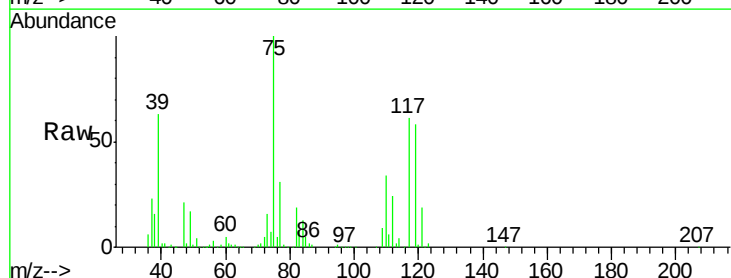
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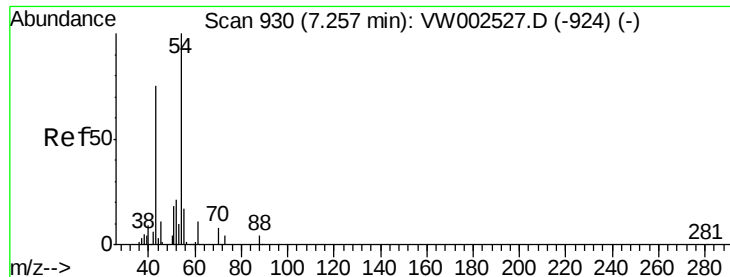
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#36
 1,1-Dichloropropene
 Concen: 49.20 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	154513		
110	35.7	17.8	53.5	
77	30.6	24.5	36.7	





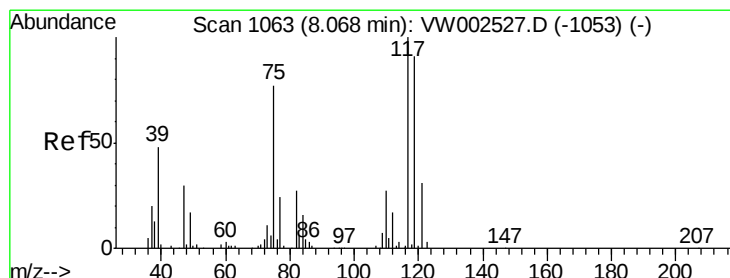
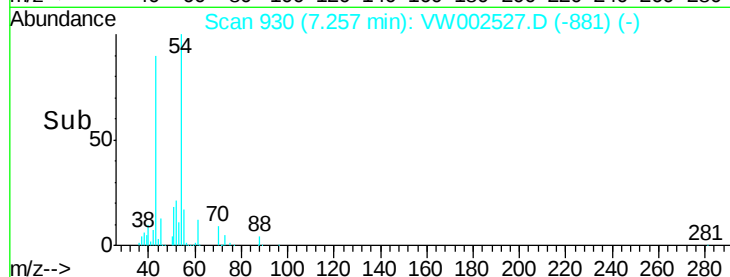
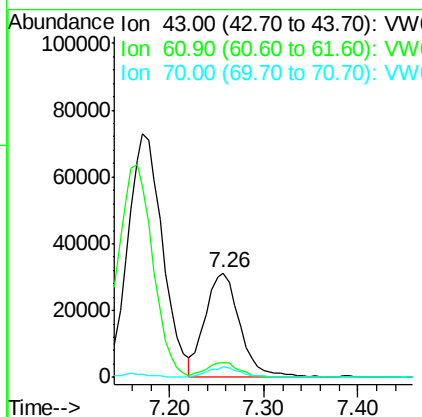
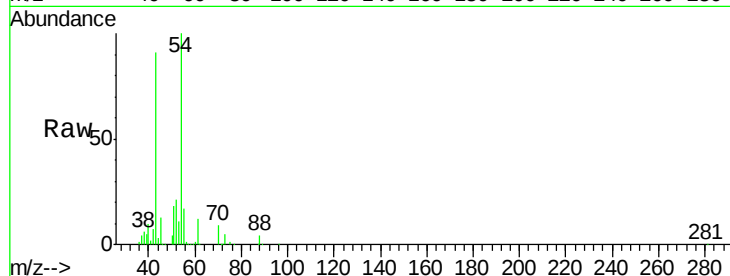
#37
Ethyl Acetate
Concen: 51.11 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	9.8	7.8	11.8

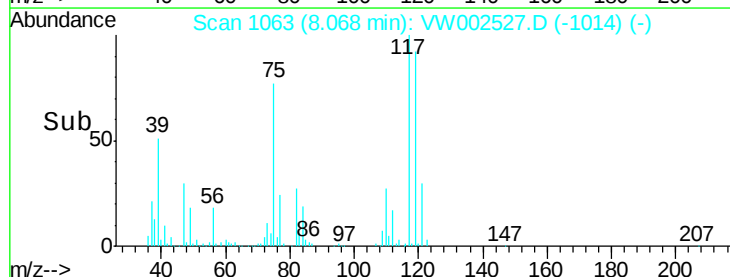
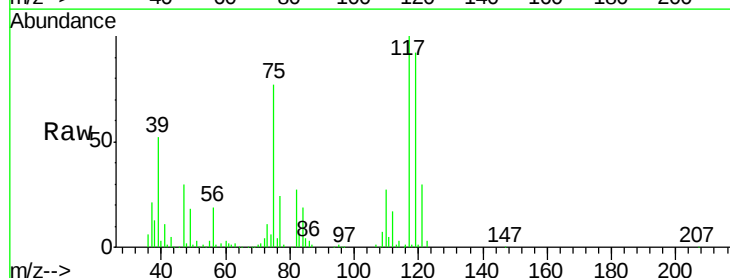
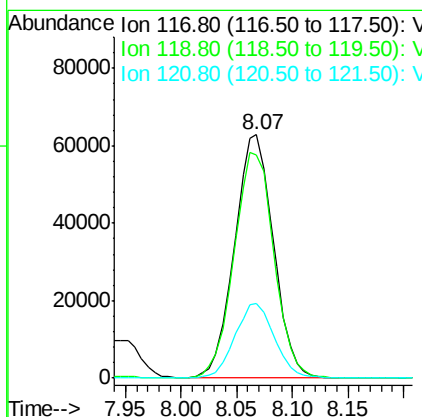
Manual Integrations
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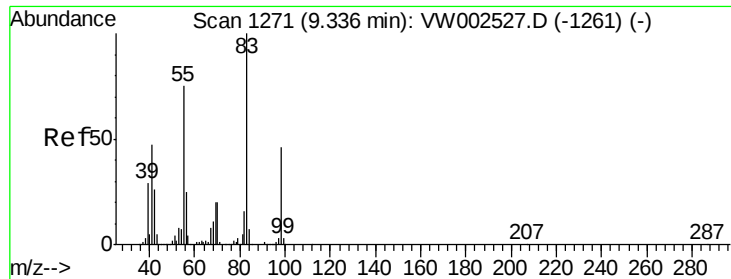
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#38
Carbon Tetrachloride
Concen: 50.20 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	73.1	109.7
121	30.5	24.4	36.6





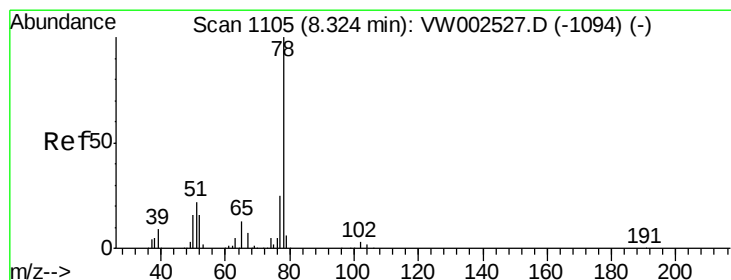
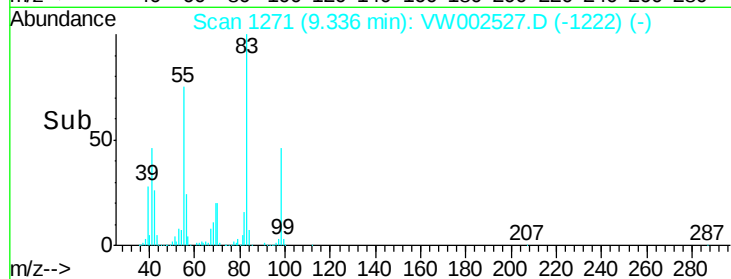
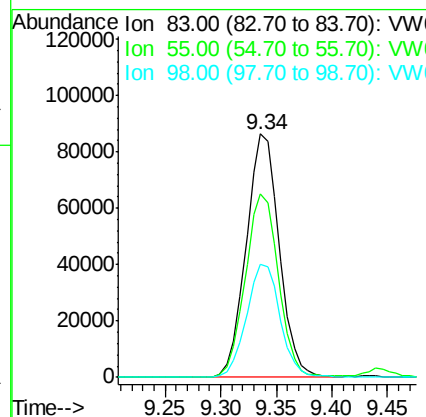
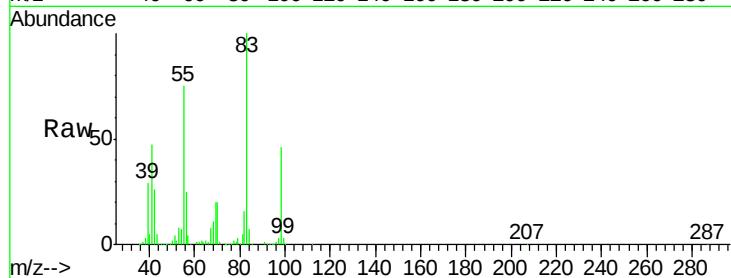
#39
Methvlcvclohexane
Concen: 48.86 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	178518		
55	75.0		60.0	90.0
98	46.2		37.0	55.4

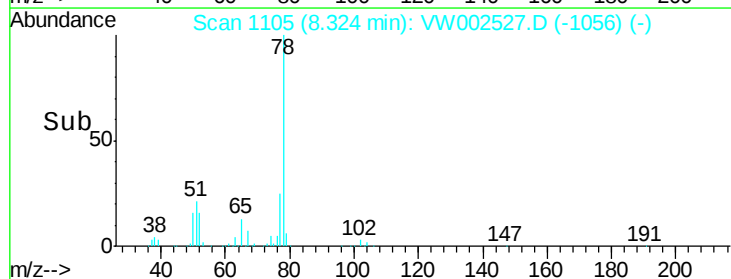
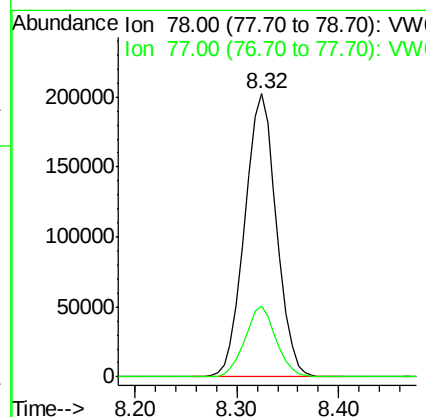
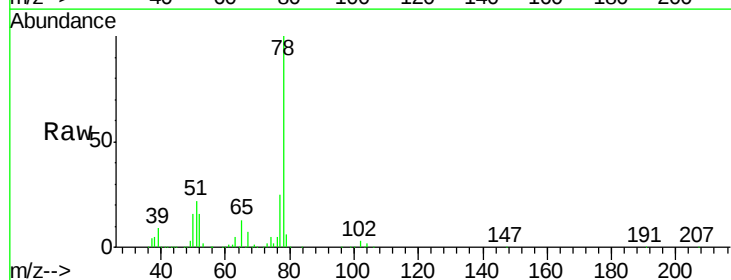
Manual Integrations
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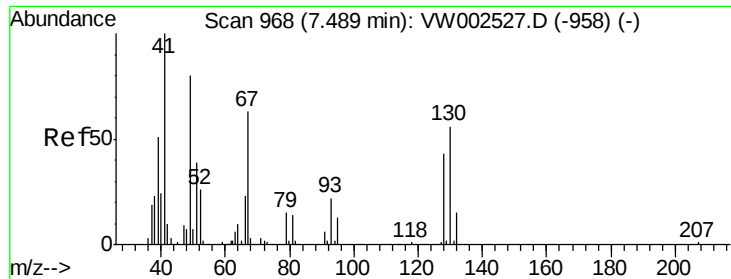
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#40
Benzene
Concen: 47.80 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	436622		
77	24.9		19.9	29.9





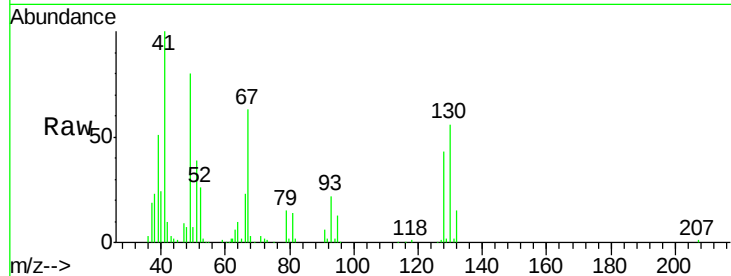
#41
Methacrylonitrile
Concen: 50.74 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

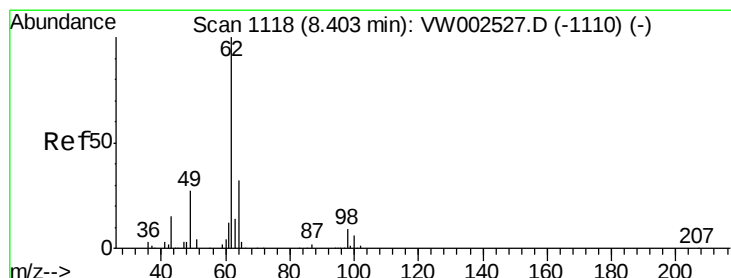
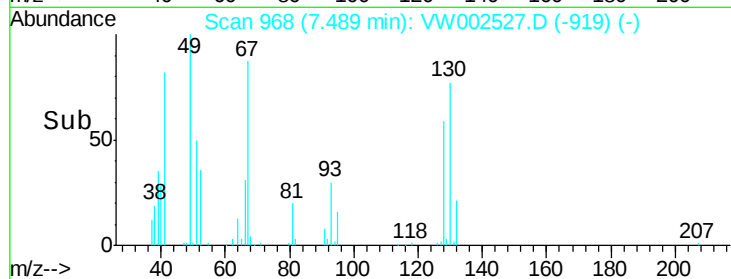
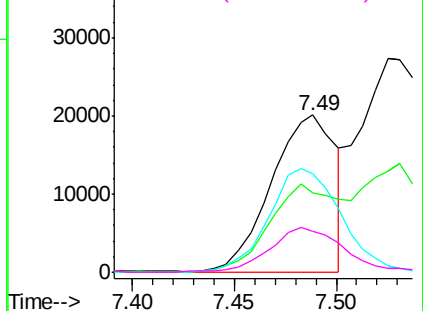
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		44003		
39	64.8	51.8	77.8		
67	74.9	59.9	89.9		
52	33.2	26.6	39.8		

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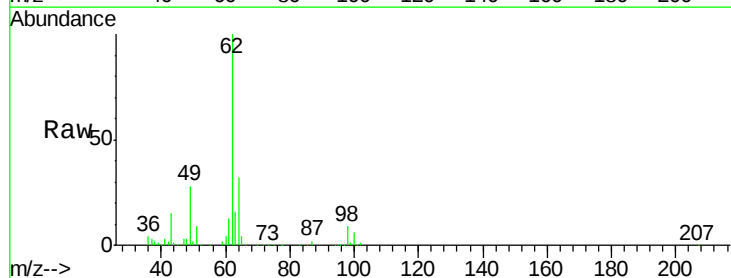


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

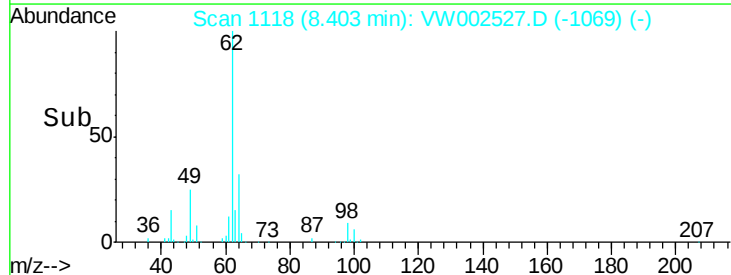
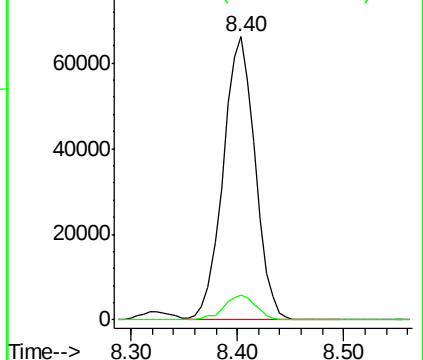


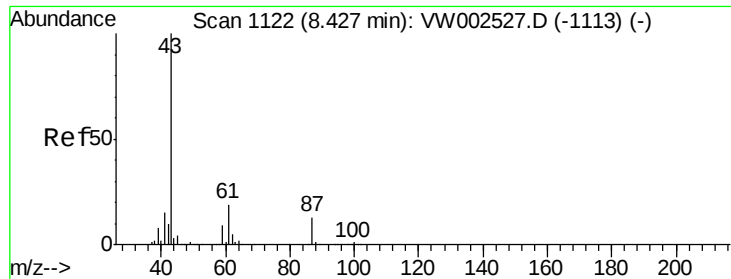
#42
1,2-Dichloroethane
Concen: 48.48 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		138915		
98	8.9	0.0	17.8		



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





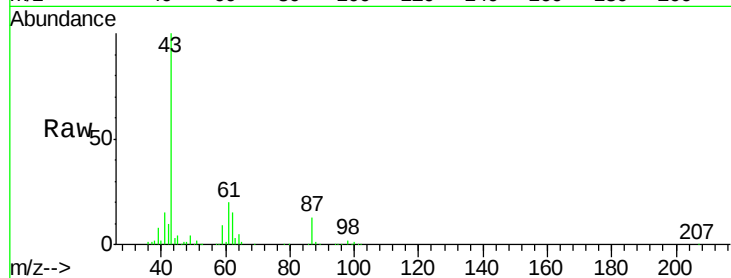
#43
Isopropyl Acetate
Concen: 51.85 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

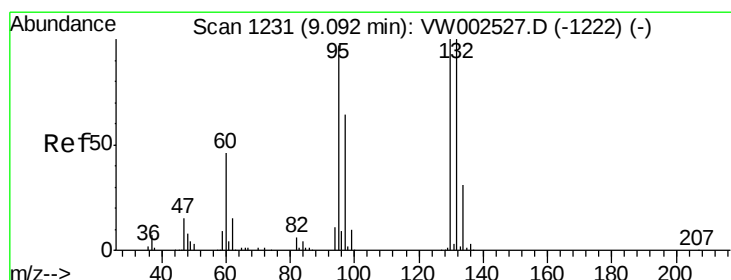
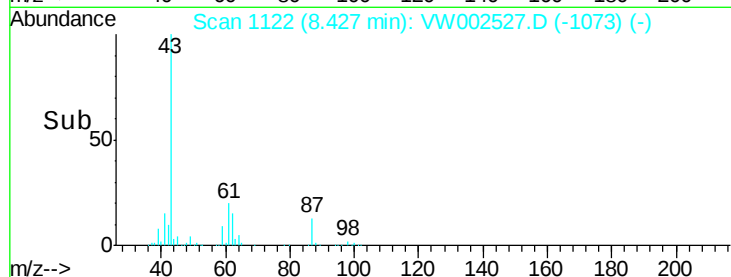
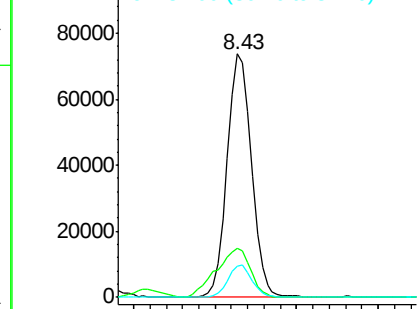
Tot Ion	Ratio	Lower	Upper
43	100		
61	28.8	23.0	34.6
87	13.2	10.6	15.8

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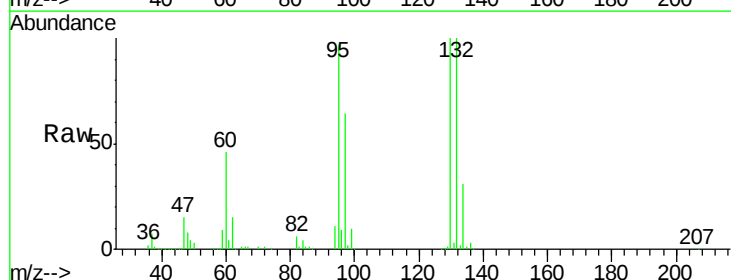


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

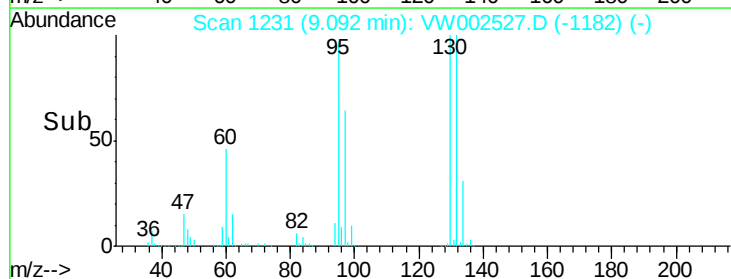
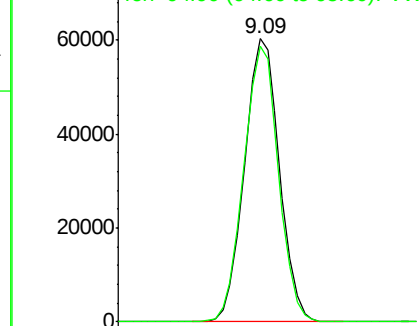


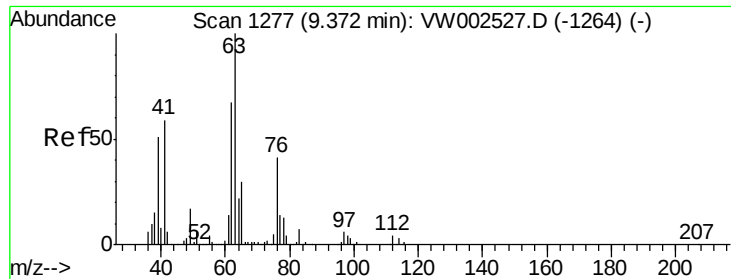
#44
Trichloroethene
Concen: 47.79 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	194.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





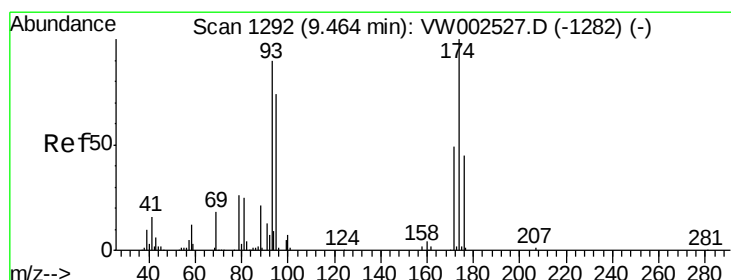
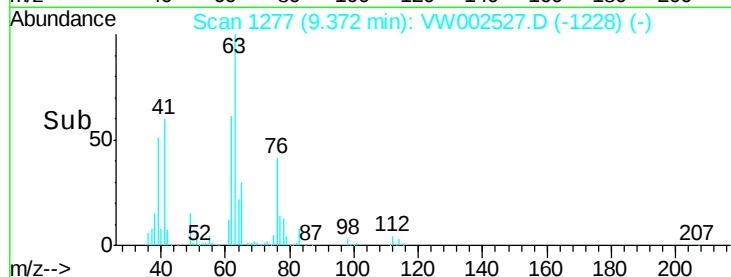
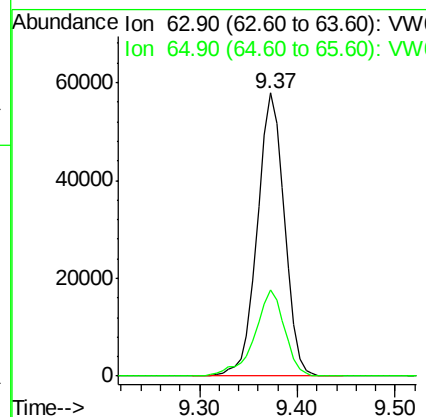
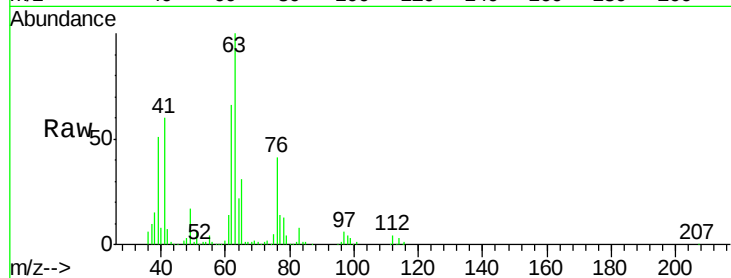
#45
 1,2-Dichloropropane
 Concen: 48.67 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.4	36.6

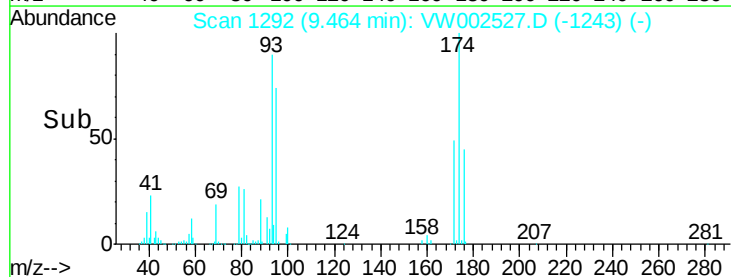
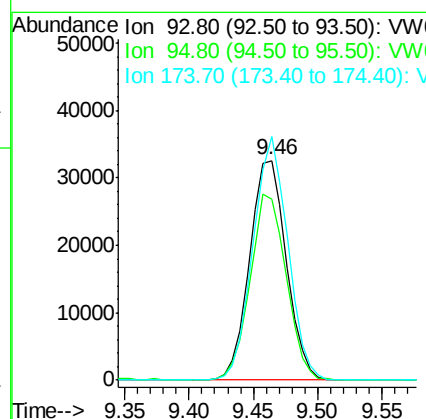
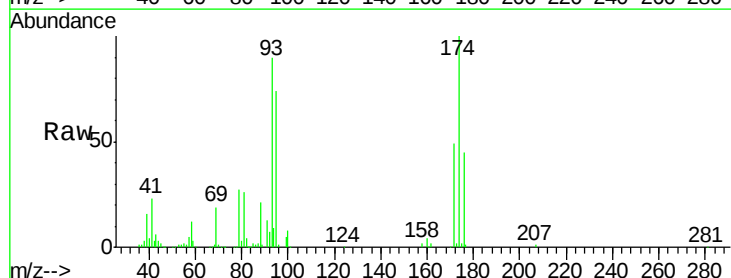
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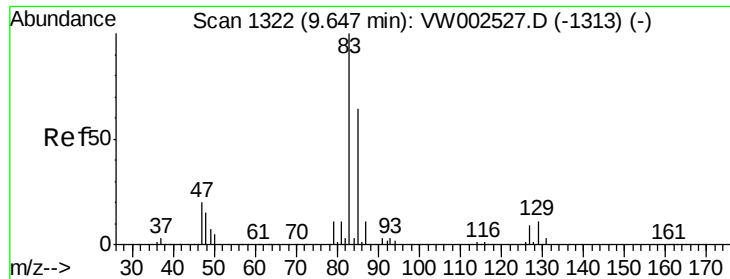
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#46
 Dibromomethane
 Concen: 49.65 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.6	100.0
174	105.0	84.0	126.0





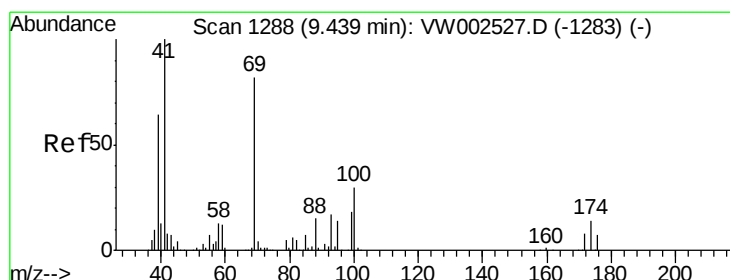
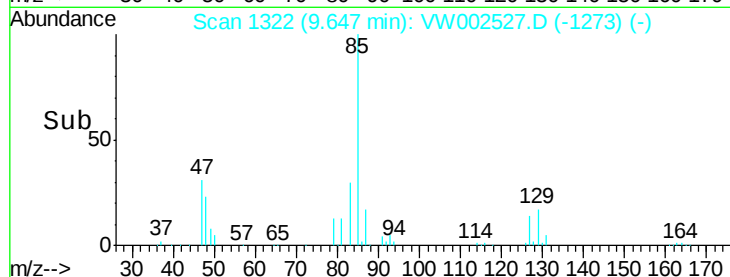
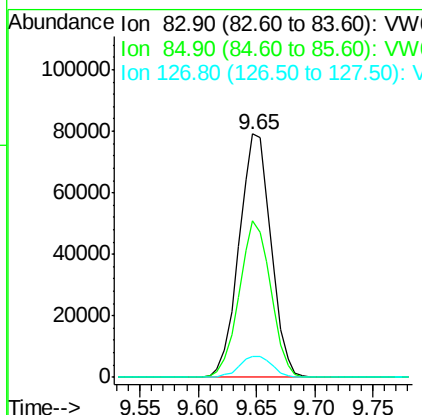
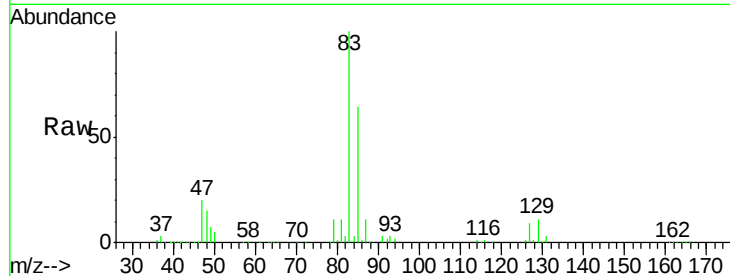
#47
Bromodichloromethane
Concen: 49.72 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	151026		
85	64.3		51.4	77.2
127	8.7		7.0	10.4

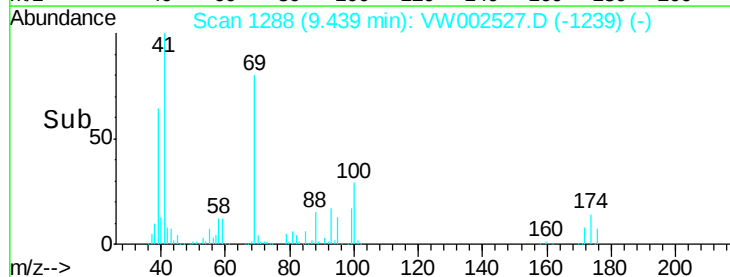
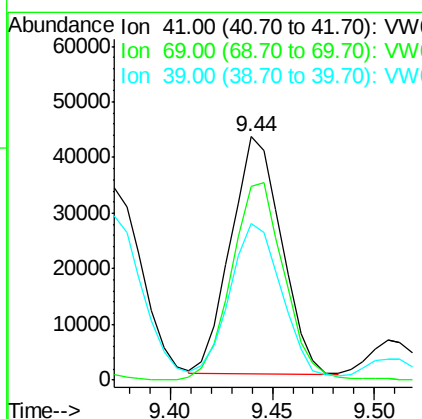
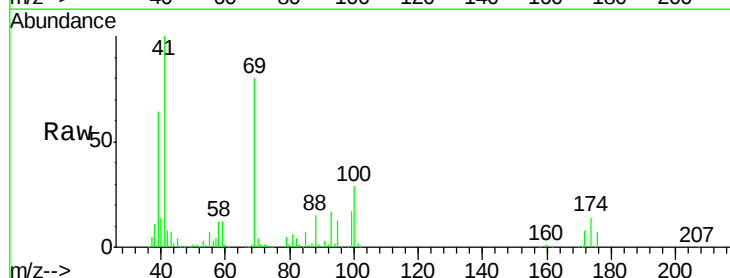
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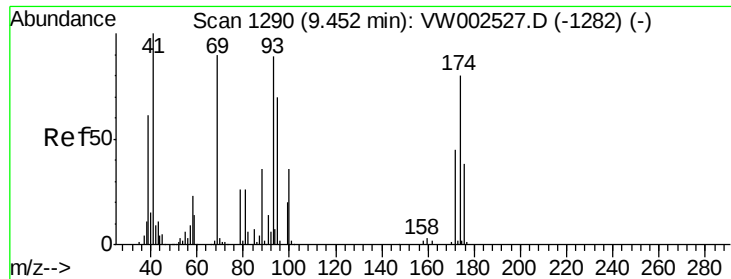
apatel
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#48
Methyl methacrylate
Concen: 51.84 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	73629		
69	87.1		69.7	104.5
39	68.7		55.0	82.4





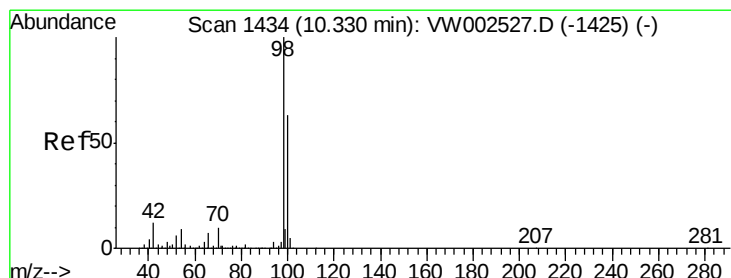
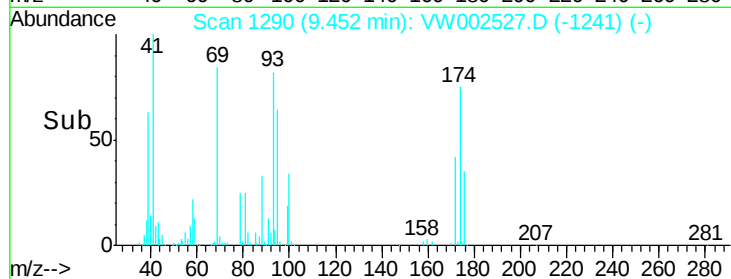
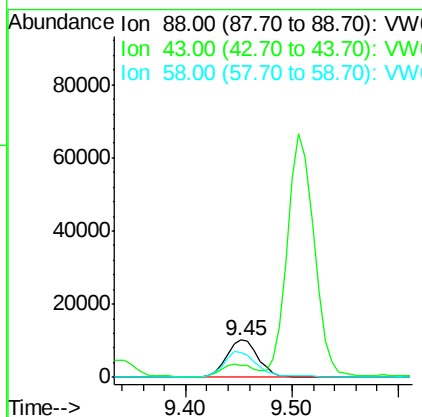
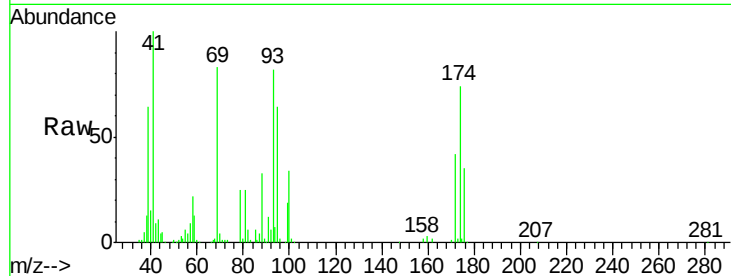
#49
1,4-Dioxane
Concen: 1048.17 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.0	40.4
58	71.1	56.9	85.3

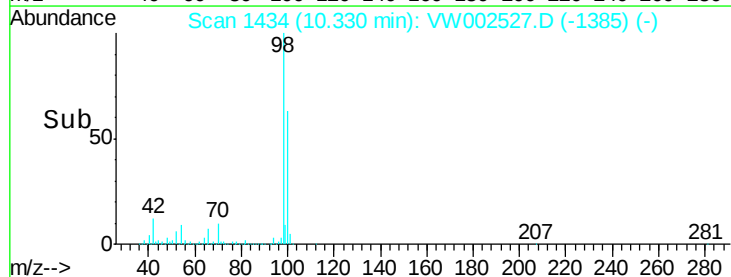
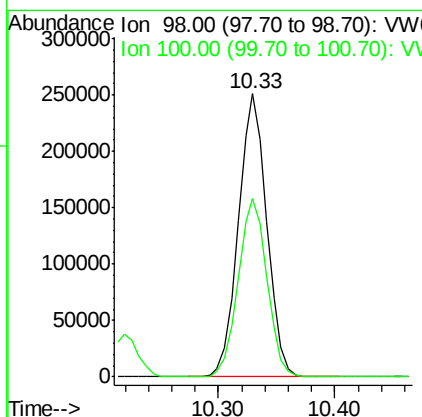
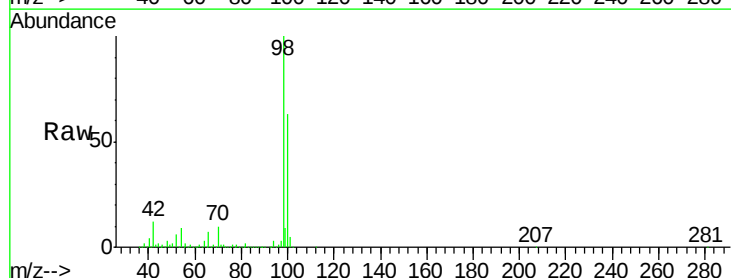
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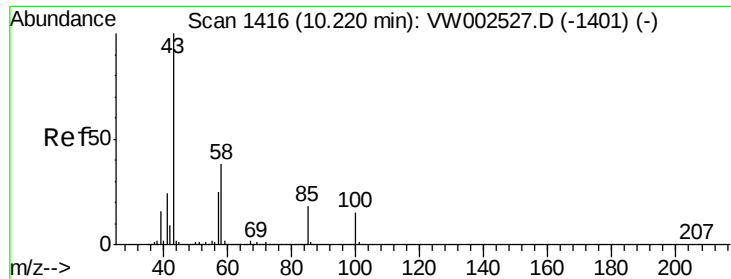
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#50
Toluene-d8
Concen: 50.18 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 261.00 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 423616

Ion Ratio Lower Upper

43 100

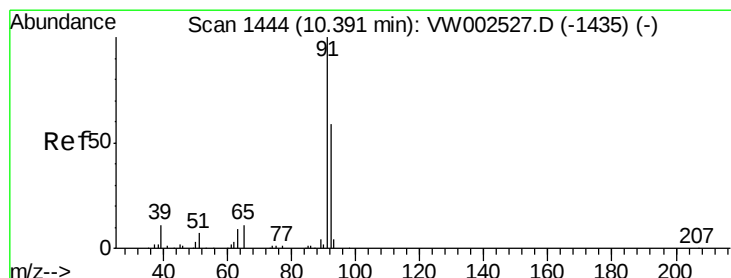
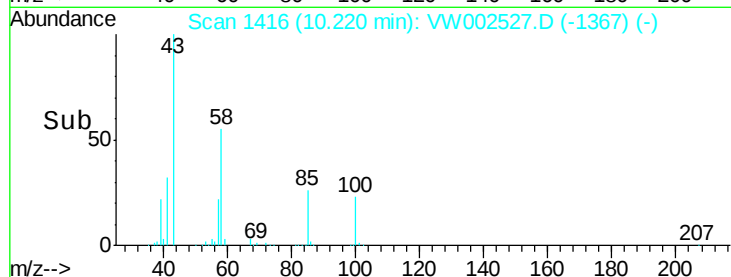
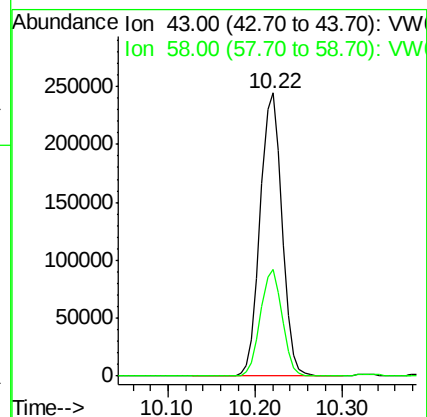
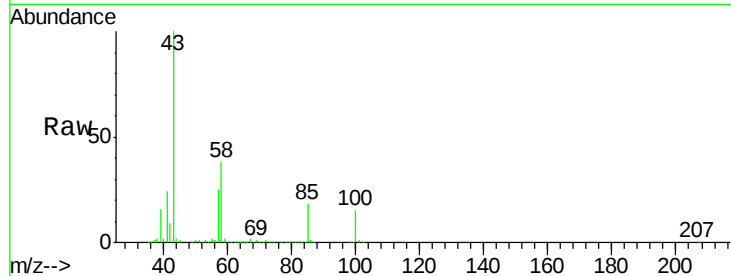
58 37.6 30.1 45.1

Manual Integrations

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#52

Toluene

Concen: 48.32 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW002527.D

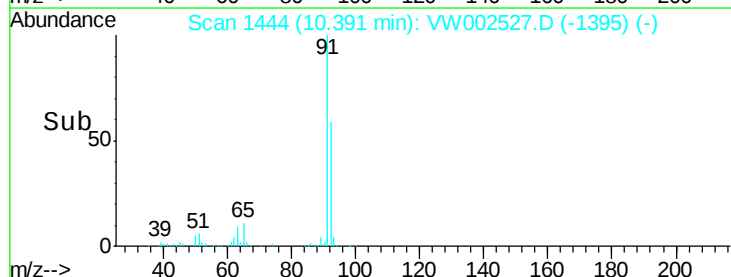
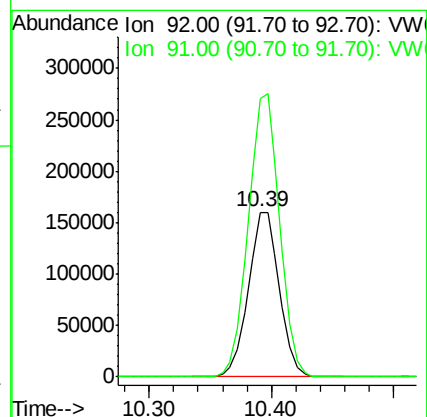
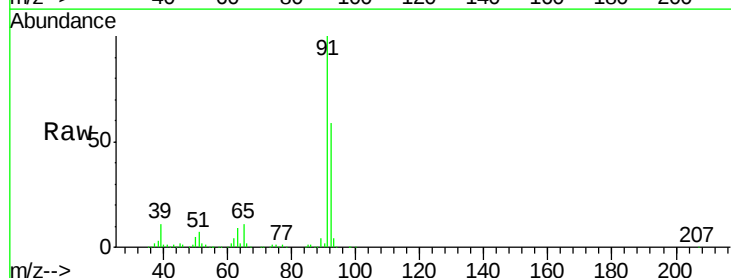
Acq: 14 May 2018 22:06

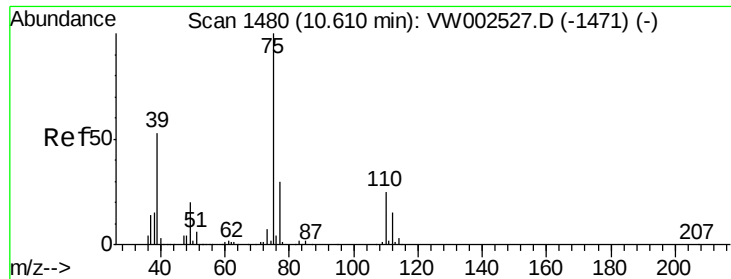
Tgt Ion: 92 Resp: 280313

Ion Ratio Lower Upper

92 100

91 173.9 139.1 208.7





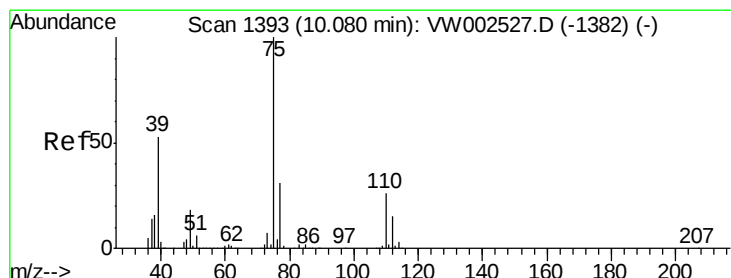
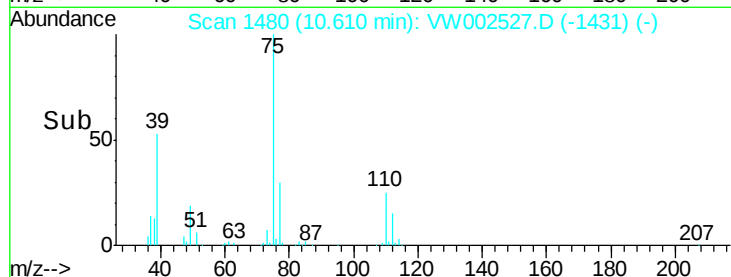
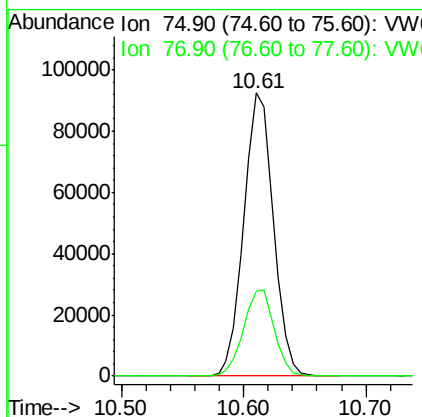
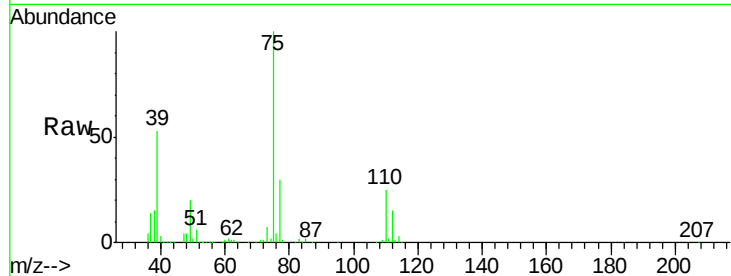
#53
t-1,3-Dichloropropene
Concen: 51.86 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.1	36.1

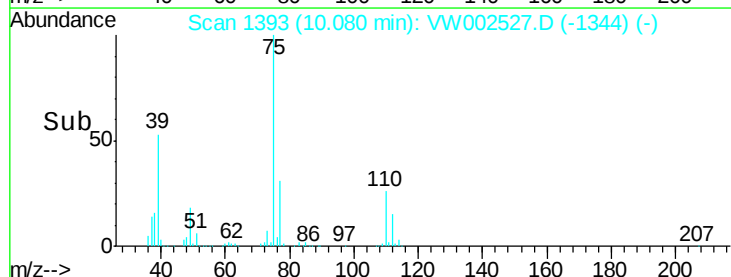
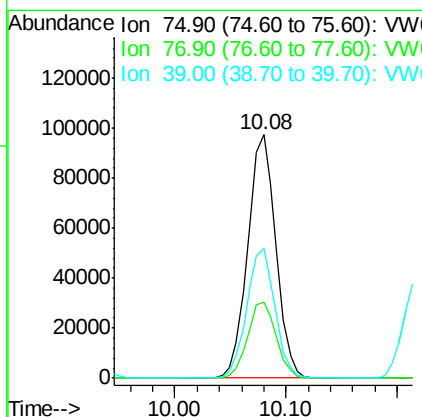
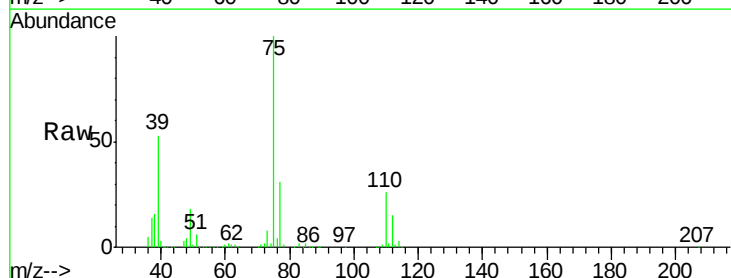
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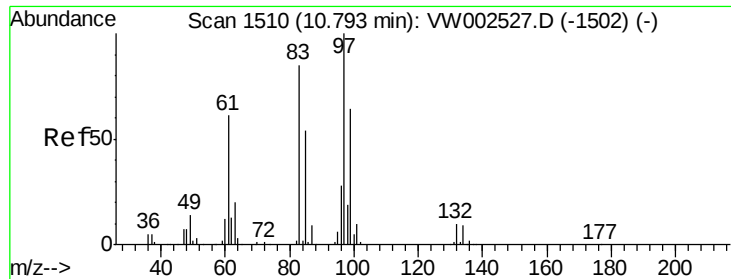
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#54
cis-1,3-Dichloropropene
Concen: 49.92 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4
39	53.1	42.5	63.7





#55

1,1,2-Trichloroethane

Concen: 49.63 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

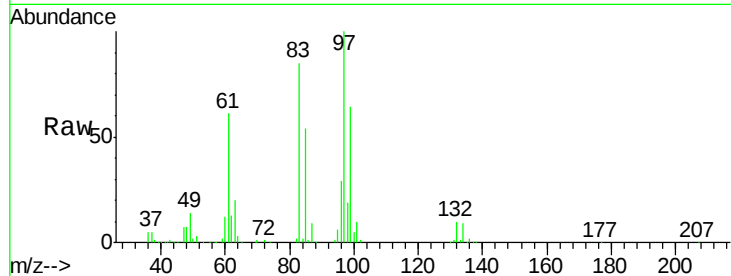
ClientSampleId :

VSTDICCC050

Tot Ion:	97	Resp:	90217
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	54.5	43.6	65.4
99	64.0	51.2	76.8

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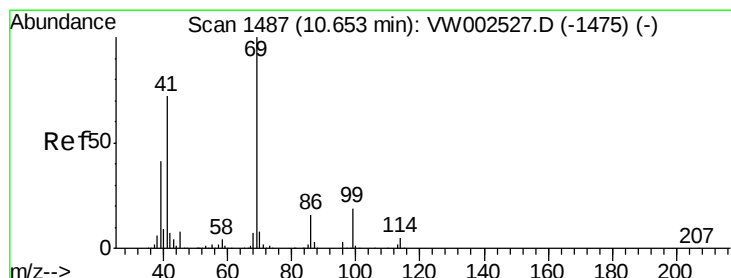
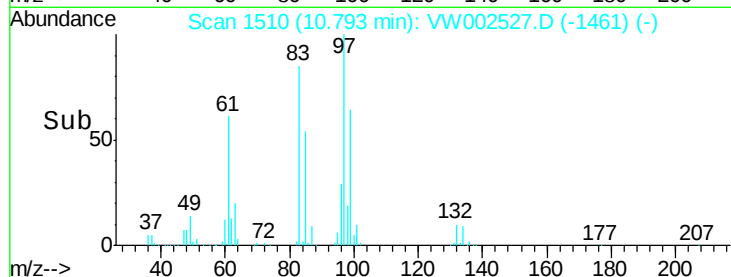
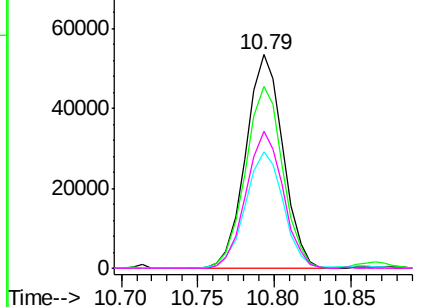


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 51.95 ug/l

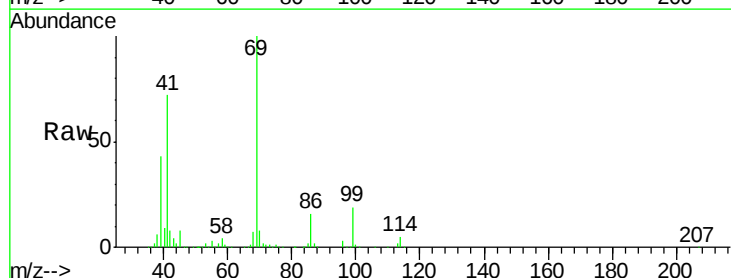
RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

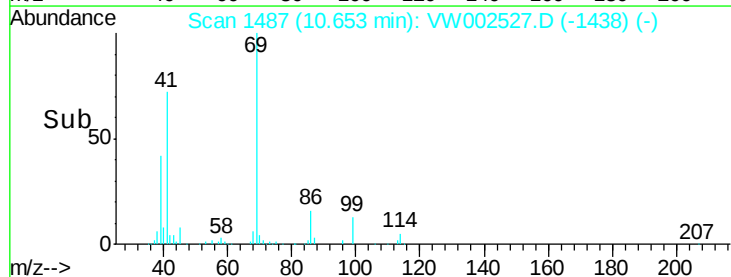
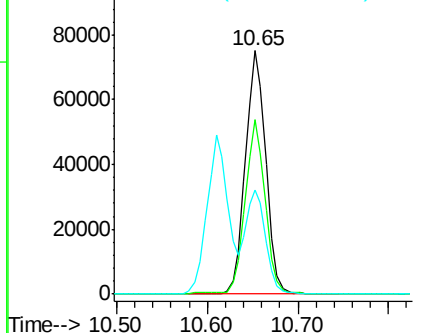
Tgt Ion:	69	Resp:	116915
Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.3	82.9
39	41.3	33.0	49.6

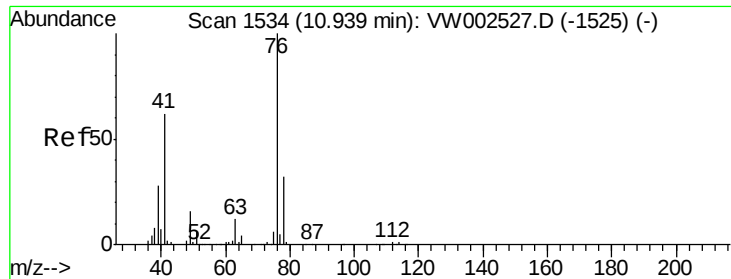


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





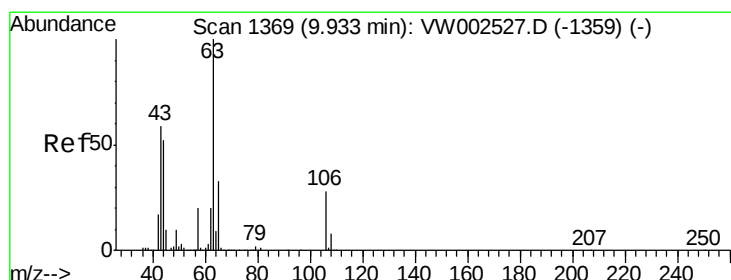
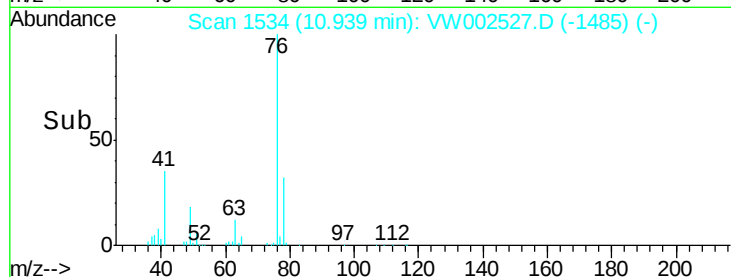
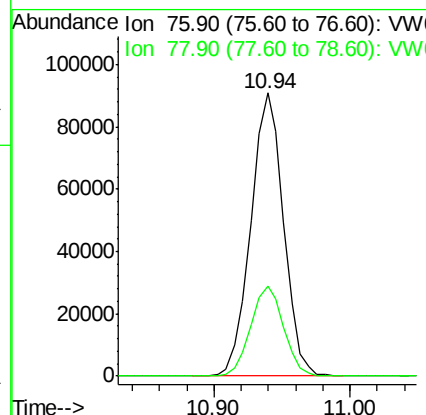
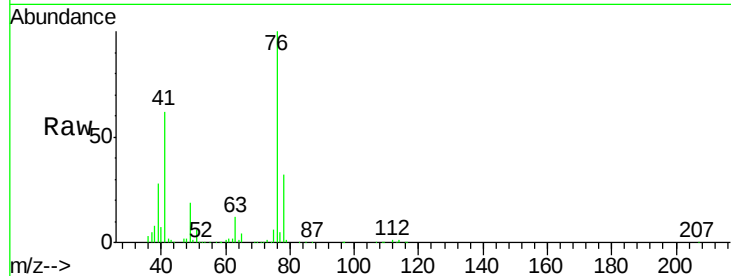
#57
 1,3-Dichloropropane
 Concen: 49.61 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion: 76 Resp: 153046
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4

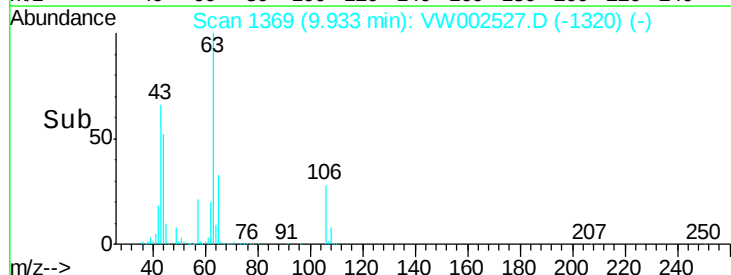
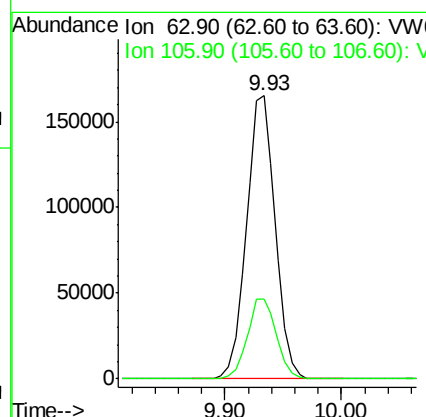
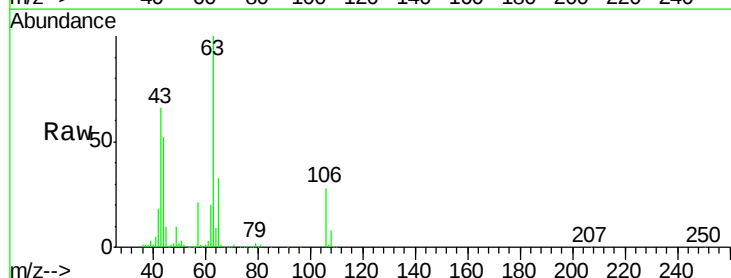
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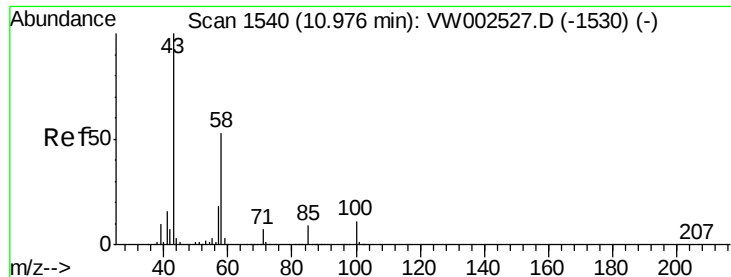
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#58
 2-Chloroethyl Vinyl ether
 Concen: 258.47 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion: 63 Resp: 282762
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.9 34.3





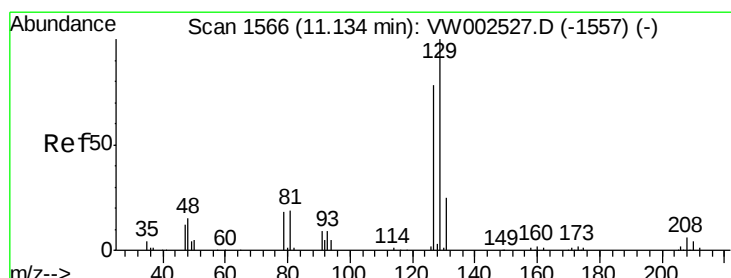
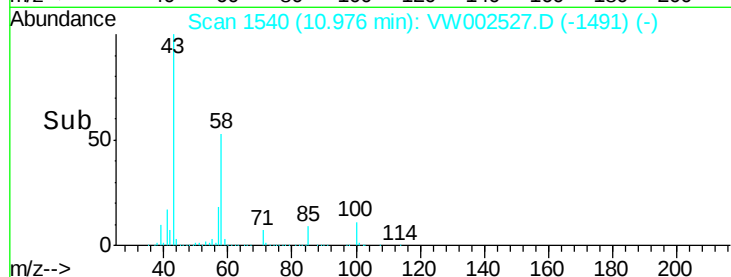
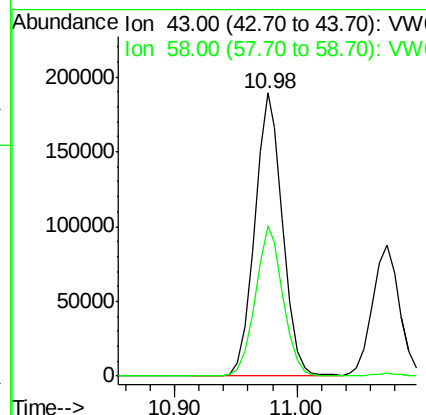
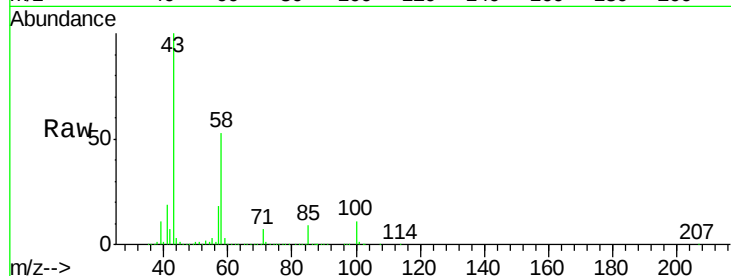
#59
2-Hexanone
Concen: 268.25 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	298313
Ion Ratio	43	100	
Lower	58	52.5	26.3
Upper			78.8

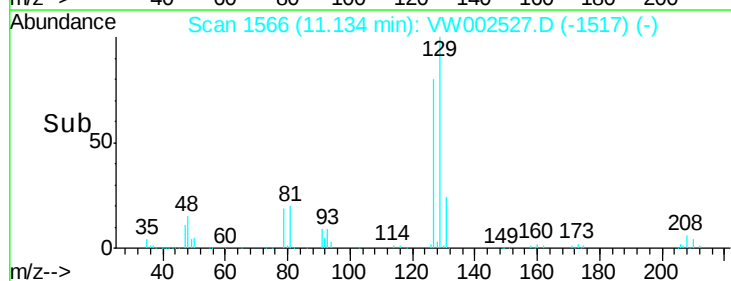
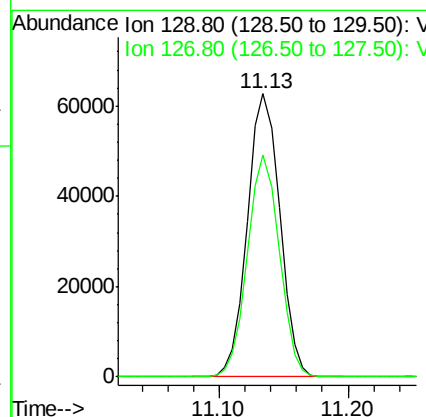
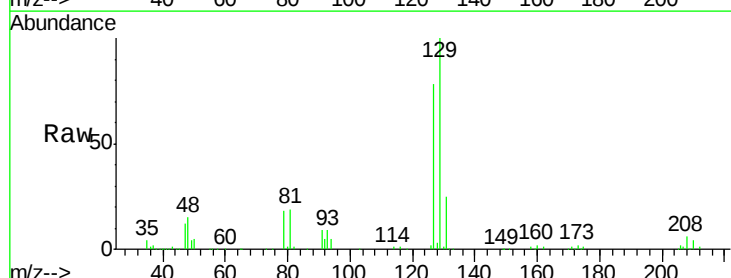
Manual Integrations
APPROVED

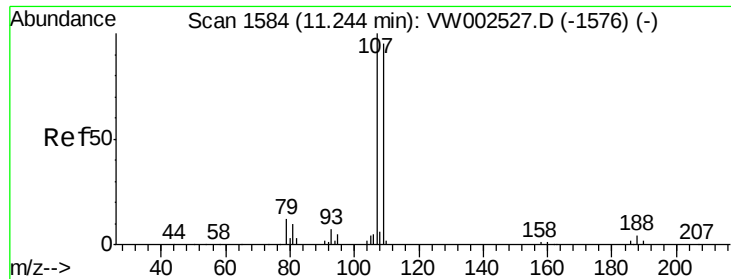
apatel
5/15/2018 6:11:31 PM



#60
Dibromochloromethane
Concen: 50.79 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	129	Resp	109098
Ion Ratio	129	100	
Lower	127	77.1	38.6
Upper			115.7





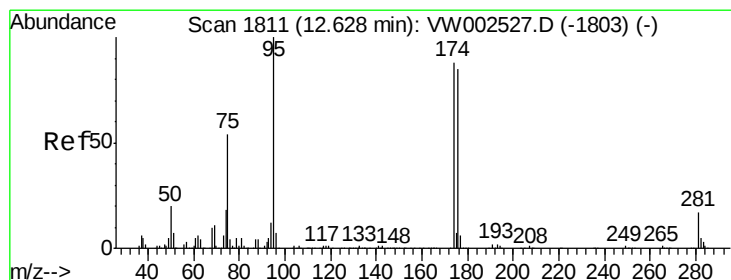
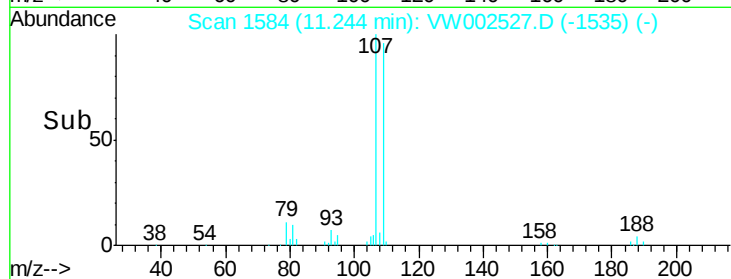
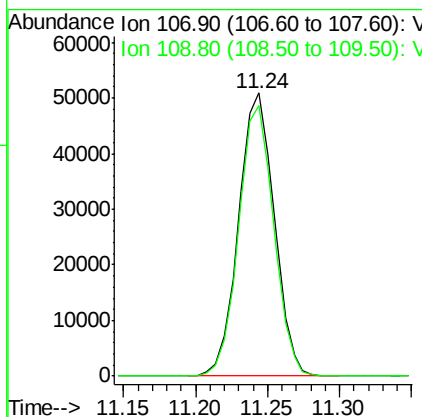
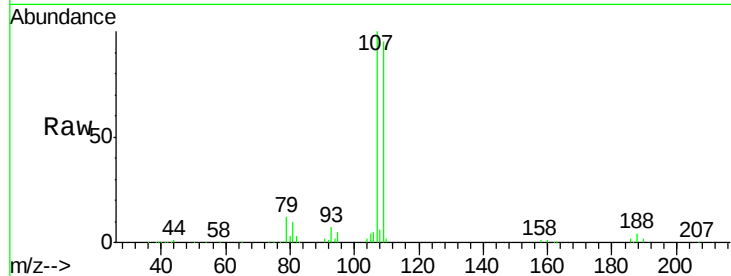
#61
 1,2-Dibromoethane
 Concen: 49.38 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.4	113.2

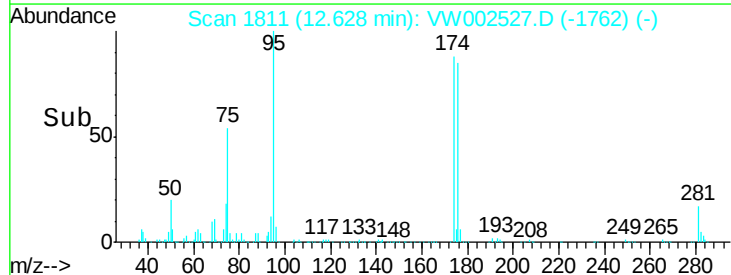
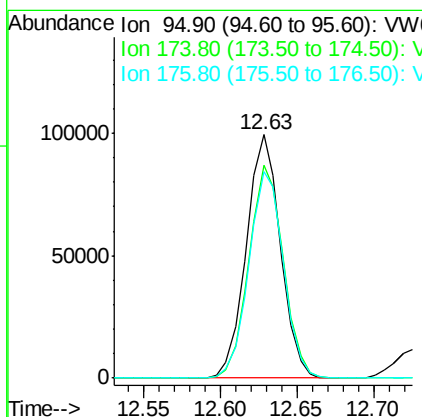
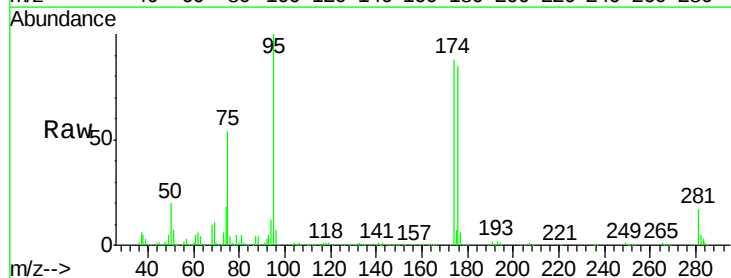
Manual Integrations
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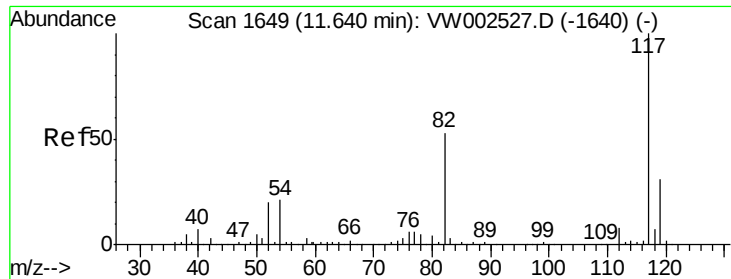
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.30 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	176.6
176	86.1	0.0	172.2





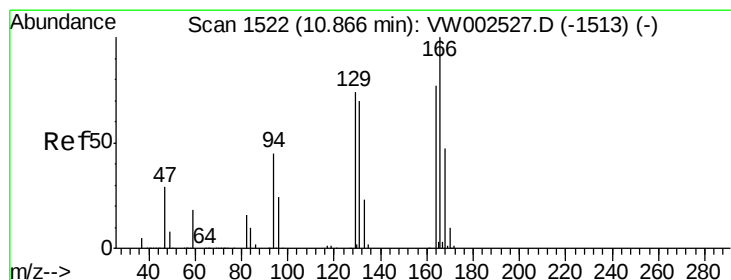
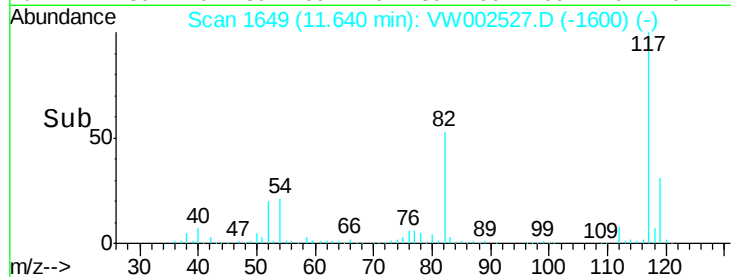
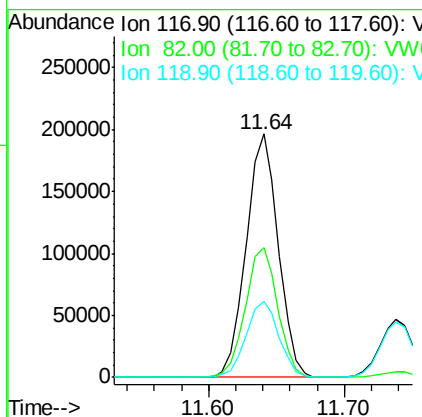
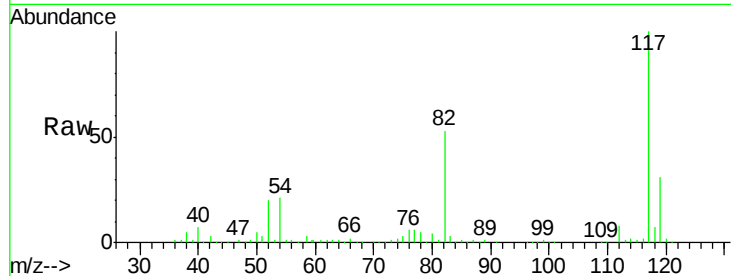
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.6	64.0
119	31.3	25.0	37.6

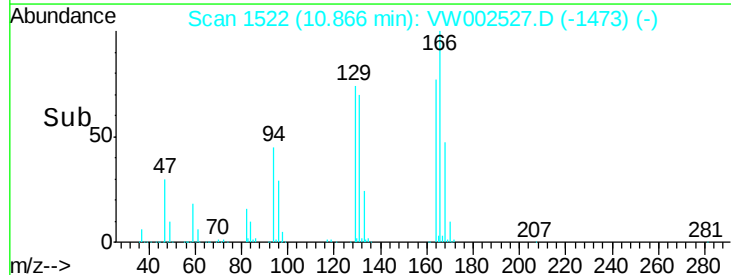
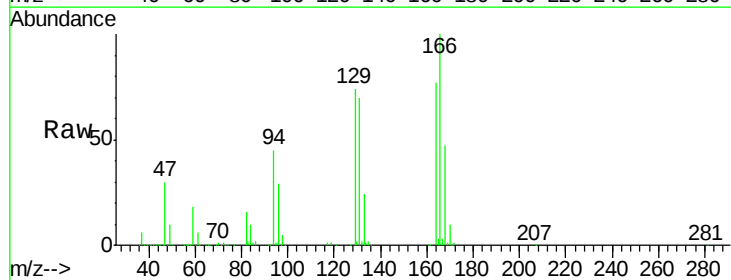
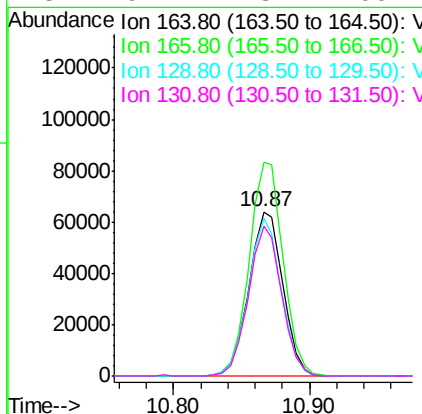
Manual Integrations
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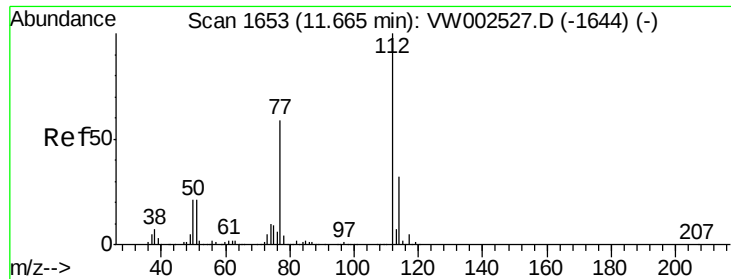
apatel
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#64
Tetrachloroethene
Concen: 45.54 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	104.2	156.2
129	96.2	77.0	115.4
131	91.4	73.1	109.7





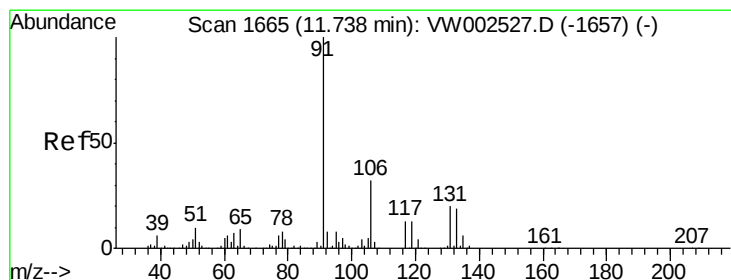
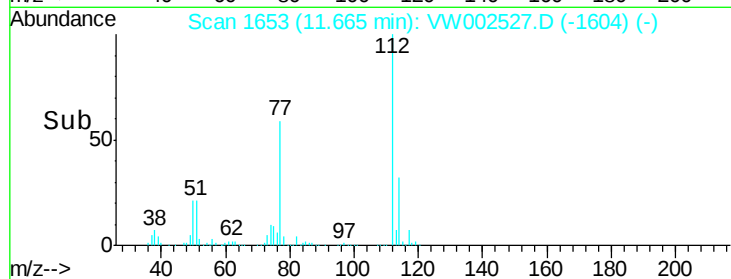
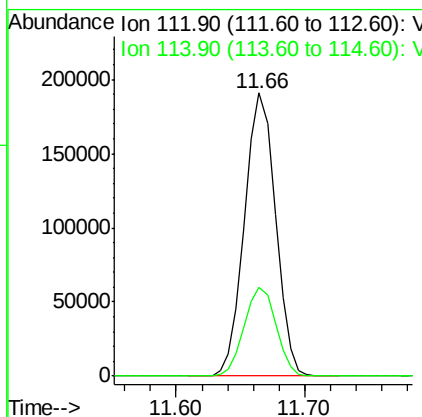
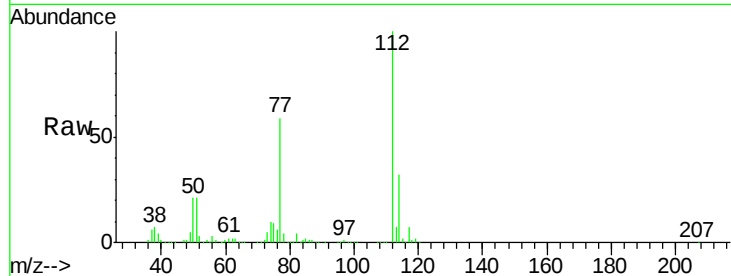
#65
Chlorobenzene
Concen: 48.26 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	318542		
114	31.6	25.3	37.9	

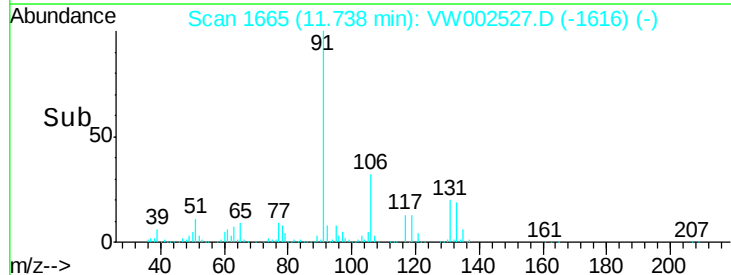
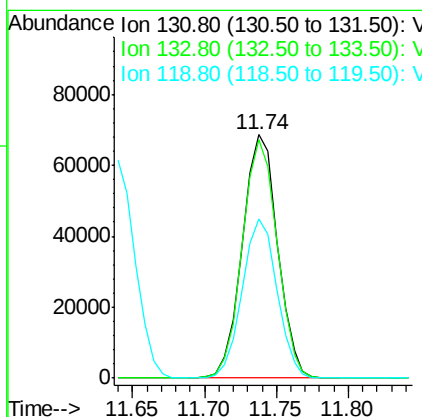
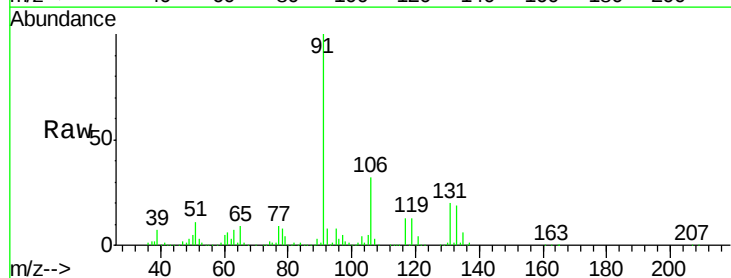
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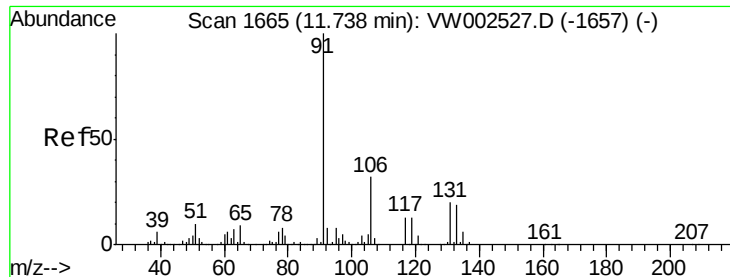
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.32 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	116327		
133	96.9	48.4	145.3	
119	64.4	32.2	96.6	





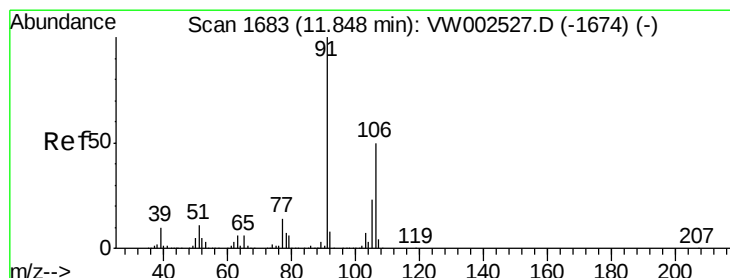
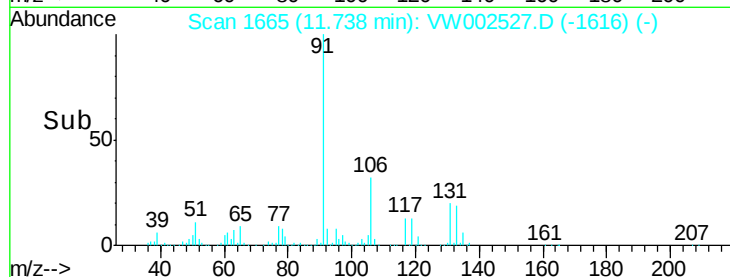
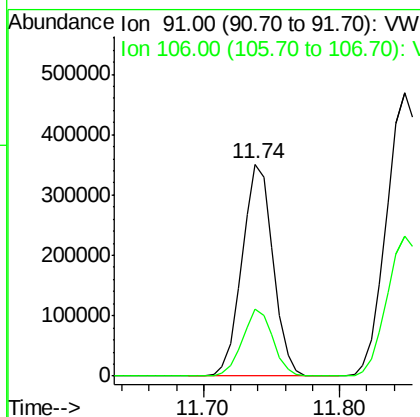
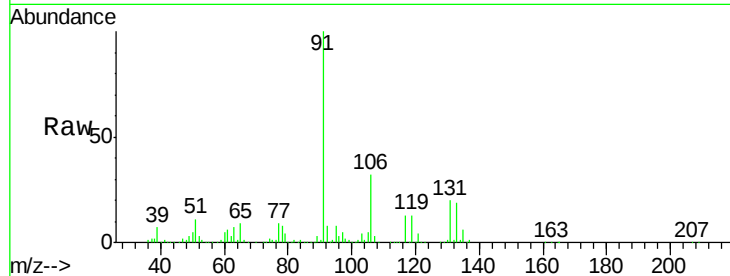
#67
Ethyl Benzene
Concen: 49.08 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 558104
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0

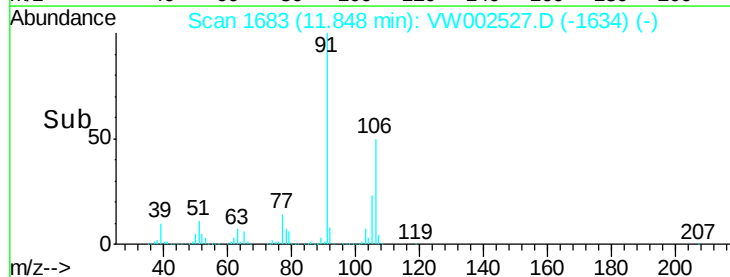
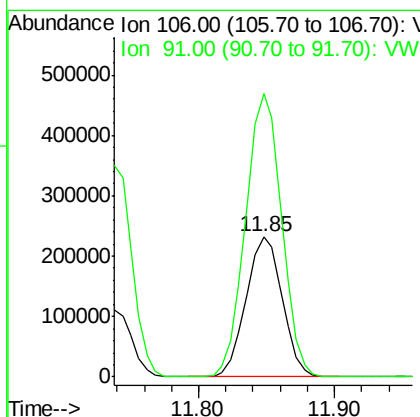
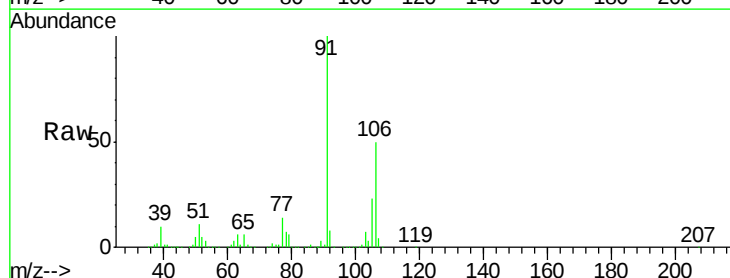
Manual Integrations
APPROVED

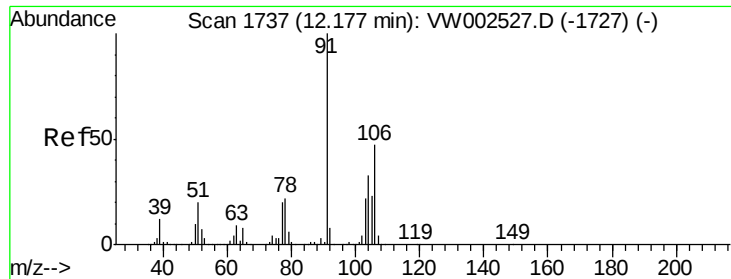
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#68
m/p-Xylenes
Concen: 98.68 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion: 106 Resp: 432612
Ion Ratio Lower Upper
106 100
91 201.8 161.4 242.2





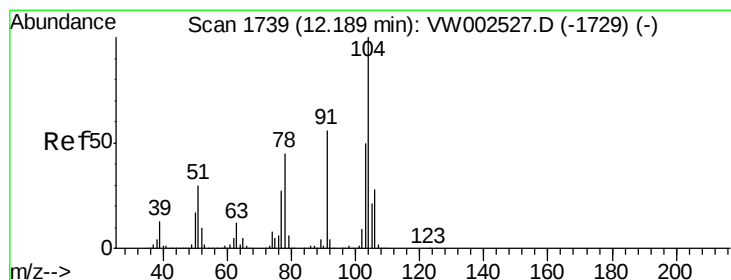
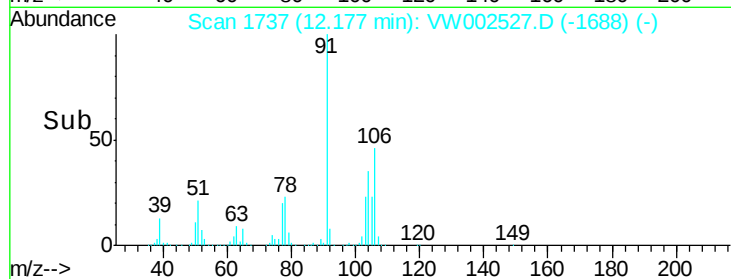
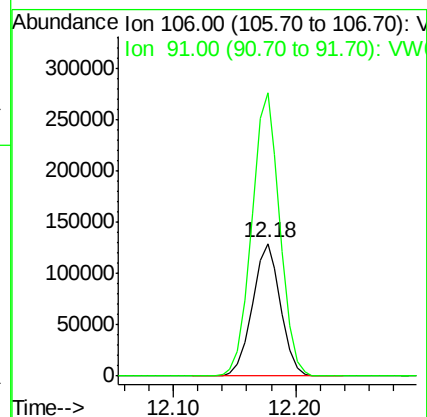
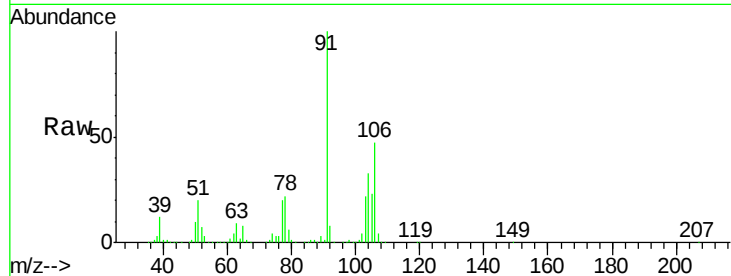
#69
o-Xylene
Concen: 49.28 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.5	106.7	320.2

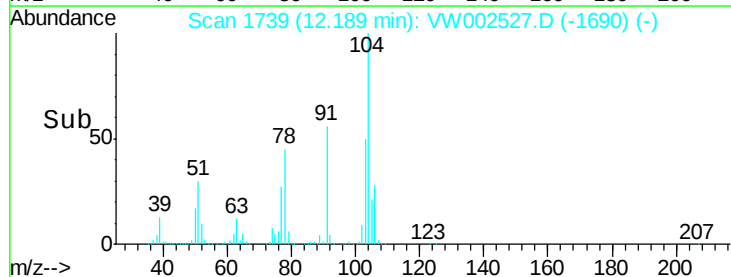
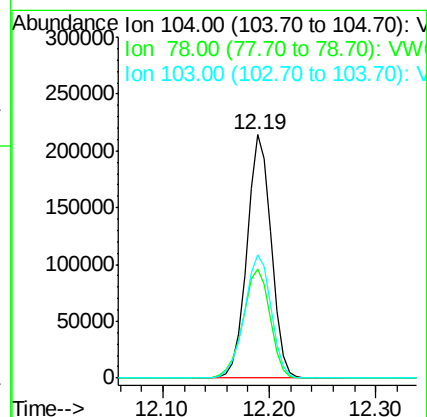
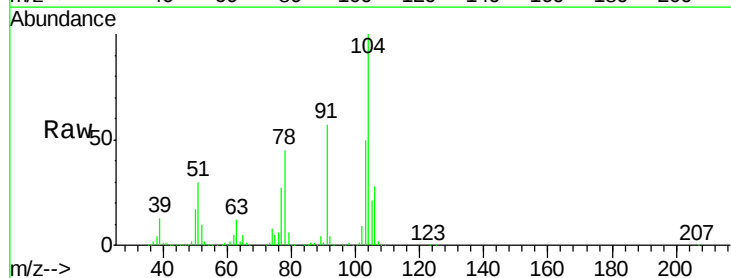
Manual Integrations
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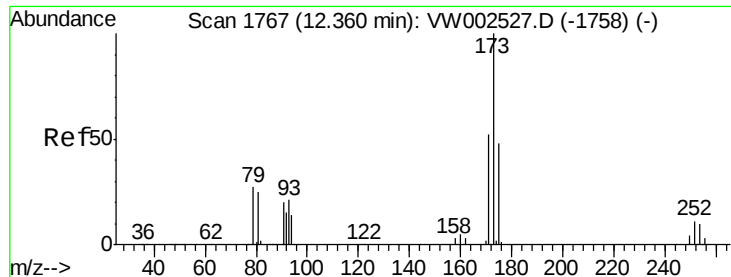
apatel
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#70
Styrene
Concen: 49.54 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.1	40.1	60.1
103	55.7	44.6	66.8





#71

Bromoform

Concen: 51.55 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 70273

Ion Ratio Lower Upper

173 100

175 49.0 24.5 73.5

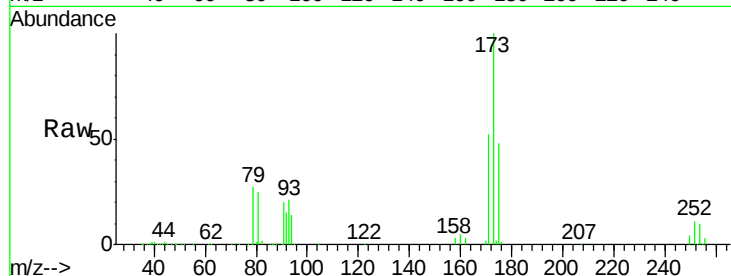
254 0.1 0.1 0.1

Manual Integrations

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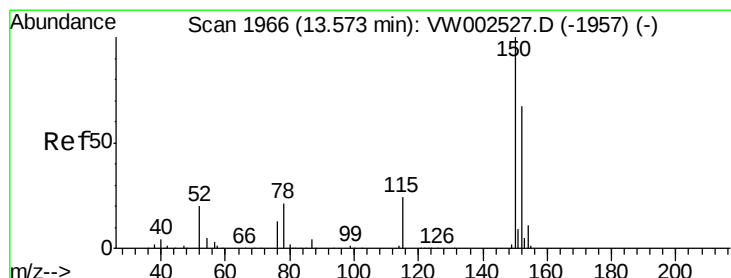
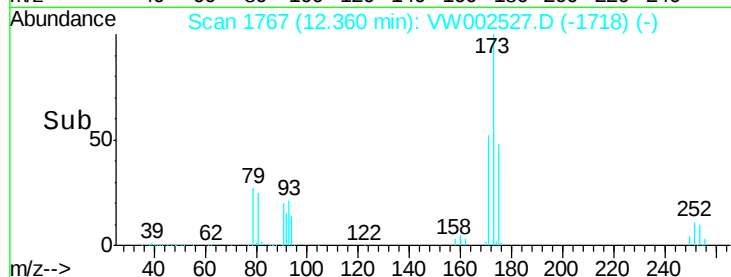
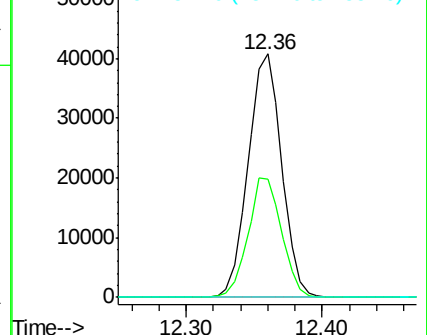
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

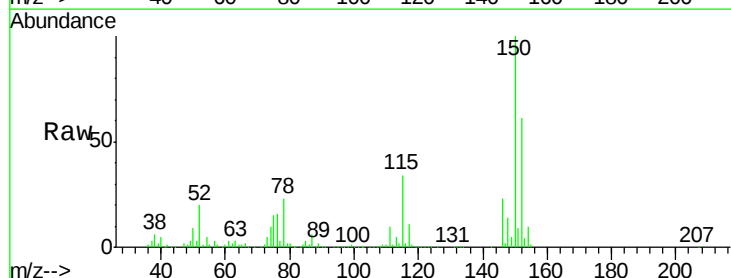
Tgt Ion:152 Resp: 179800

Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

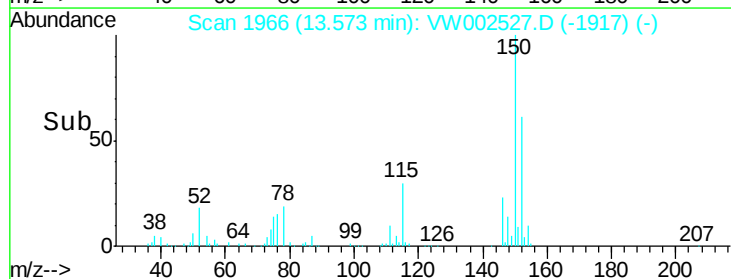
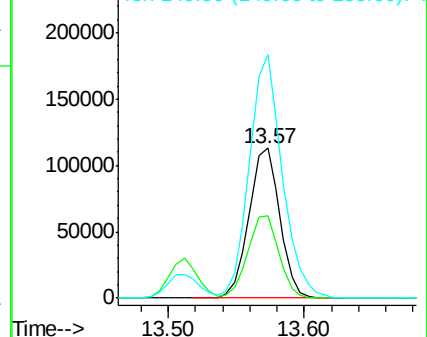
150 172.7 0.0 345.4

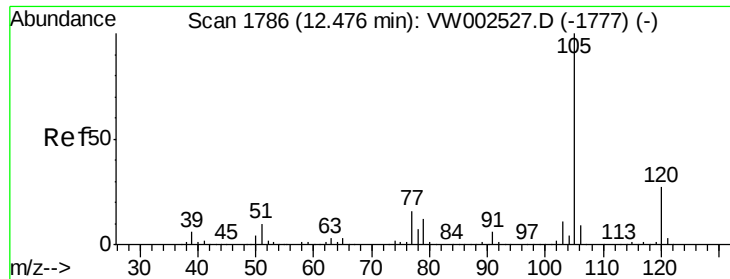


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.60 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 565521

Ion Ratio Lower Upper

105 100

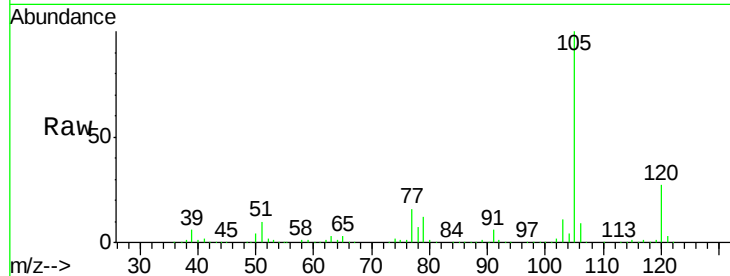
120 26.8 13.4 40.2

Manual Integrations

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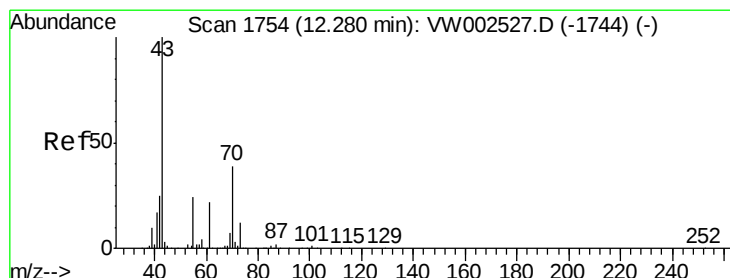
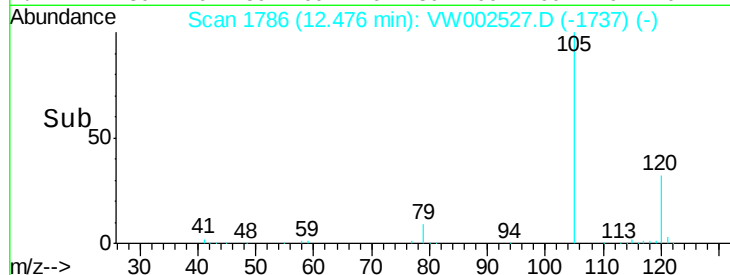
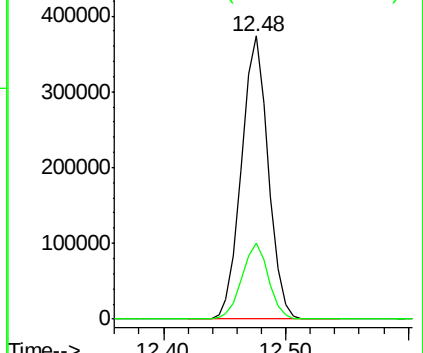
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.05 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Tgt Ion: 43 Resp: 149904

Ion Ratio Lower Upper

43 100

70 39.9 31.9 47.9

55 24.2 19.4 29.0

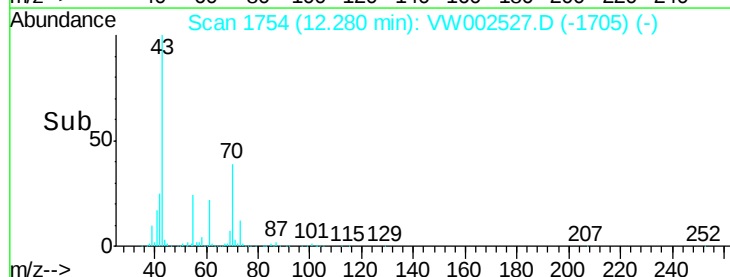
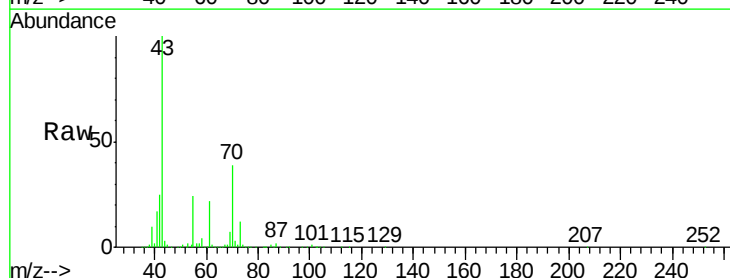
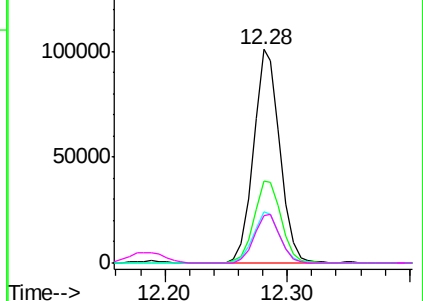
61 22.9 18.3 27.5

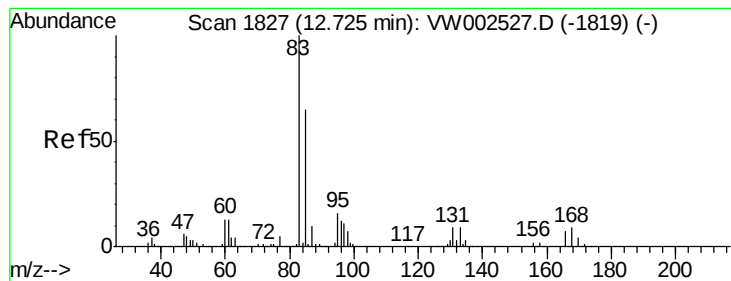
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 50.67 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

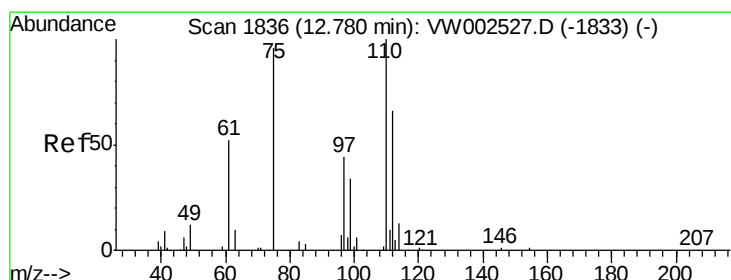
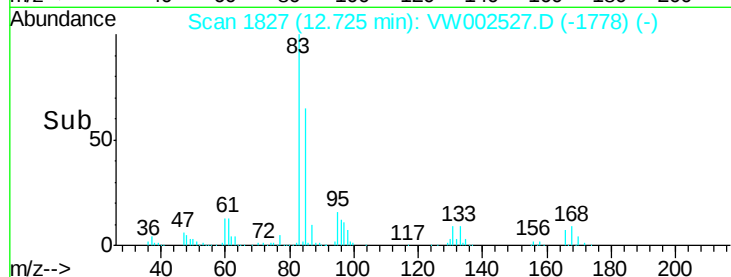
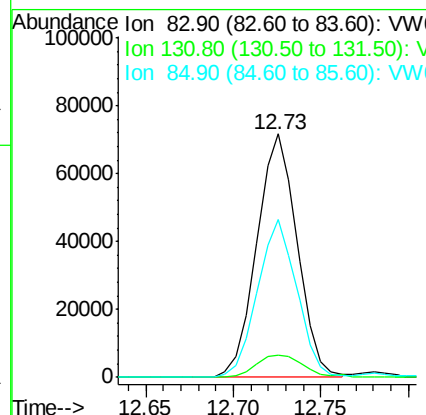
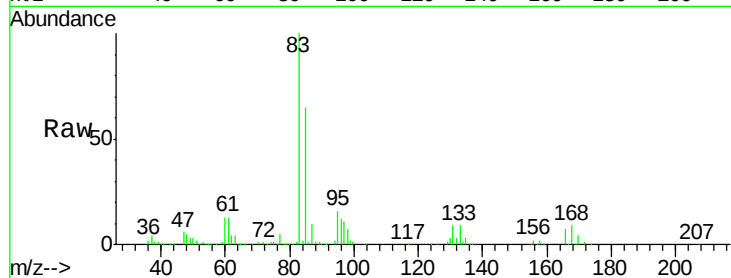
ClientSampled :

VSTDICCC050

Tot Ion:	83	Resp:	115222
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.4	16.2
85	63.2	31.6	94.8

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#76

1,2,3-Trichloropropane

Concen: 52.49 ug/l m

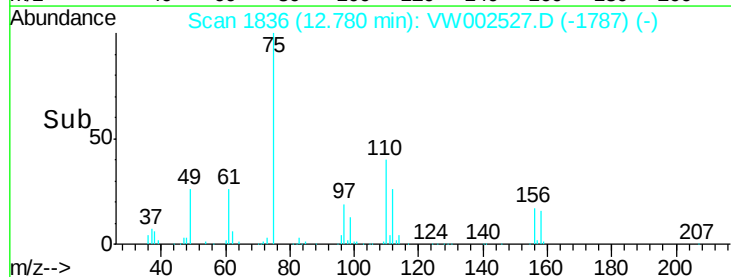
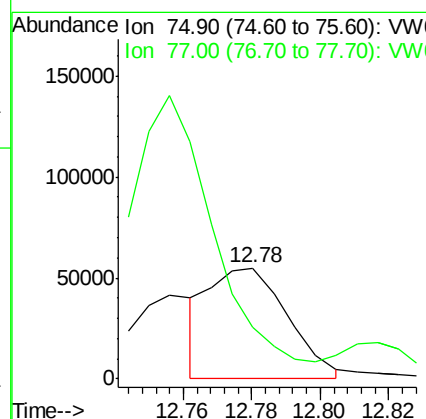
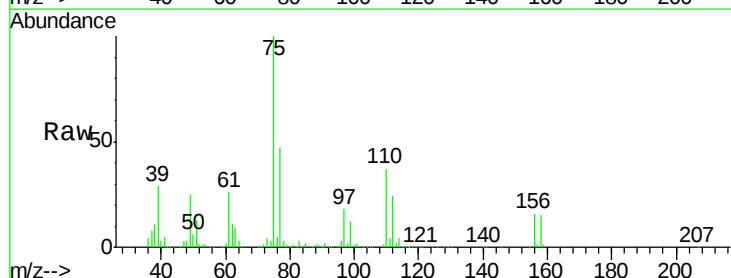
RT: 12.78 min Scan# 1836

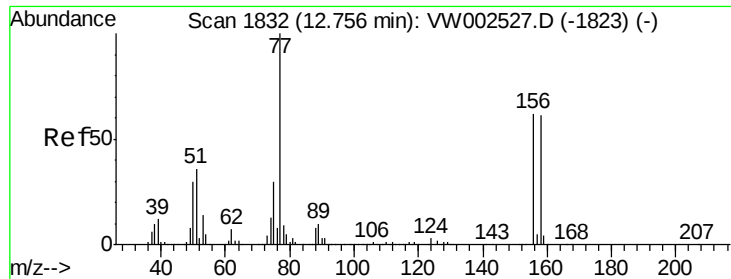
Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Tgt Ion:	75	Resp:	87219
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





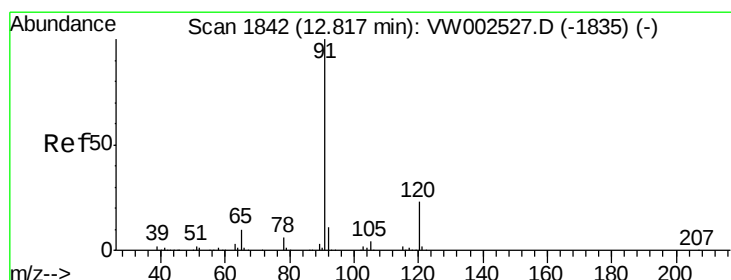
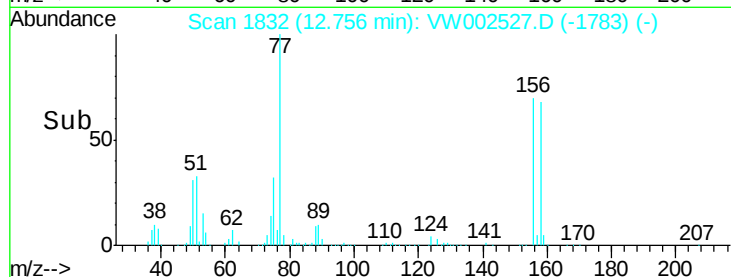
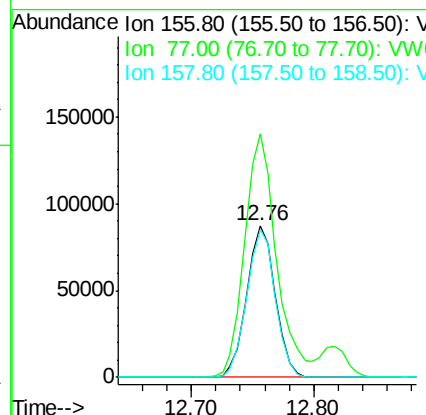
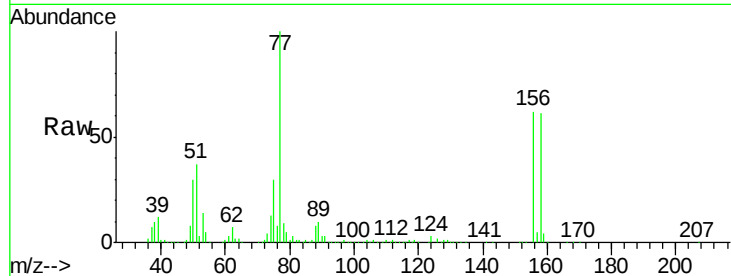
#77
Bromobenzene
Concen: 48.08 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	179.6	89.8	269.4
158	97.5	48.8	146.3

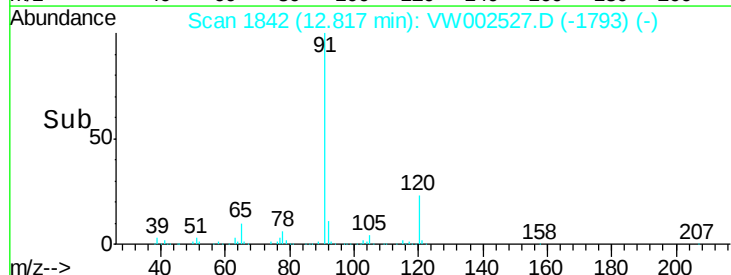
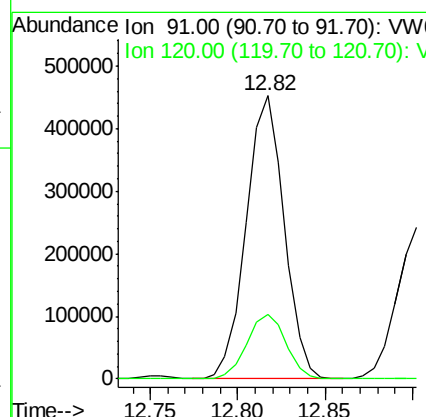
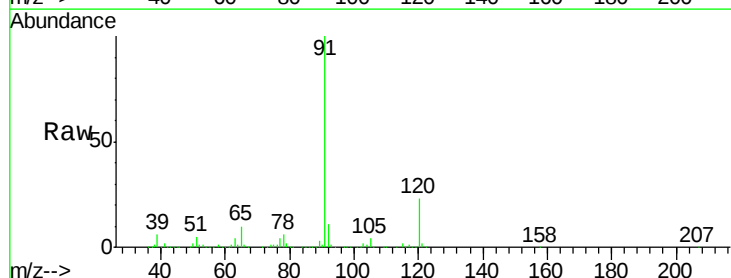
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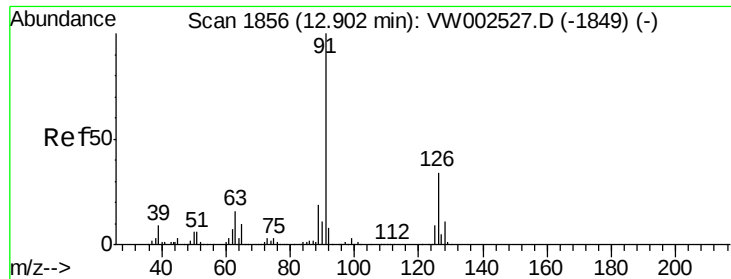
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#78
n-propylbenzene
Concen: 49.41 ug/l
RT: 12.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.7	35.1





#79

2-Chlorotoluene

Concen: 48.17 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 381987

Ion Ratio Lower Upper

91 100

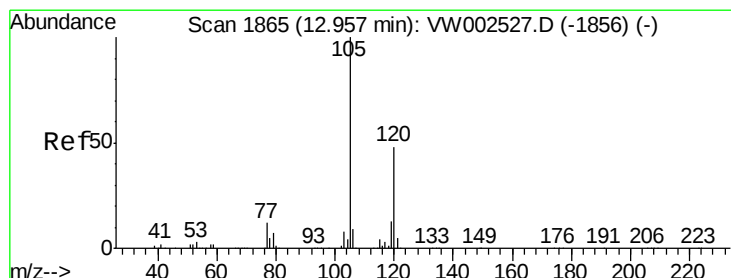
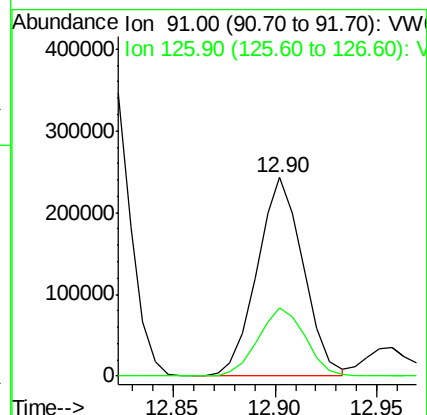
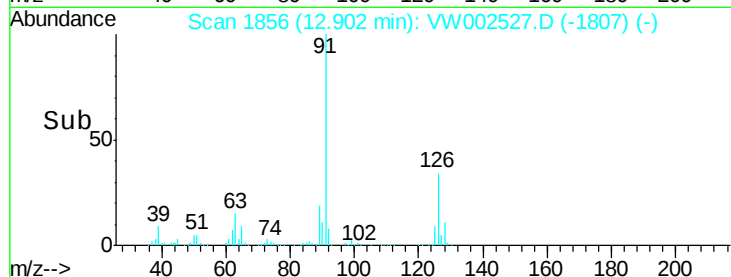
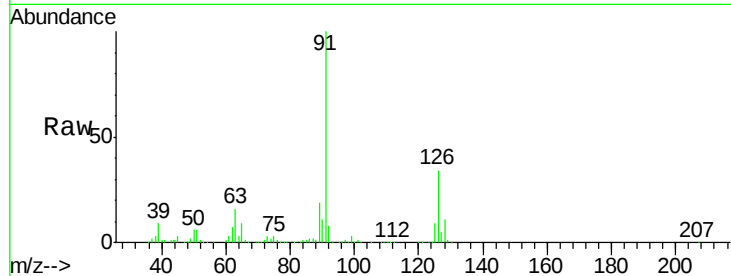
126 35.2 17.6 52.8

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#80

1,3,5-Trimethylbenzene

Concen: 49.43 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VW002527.D

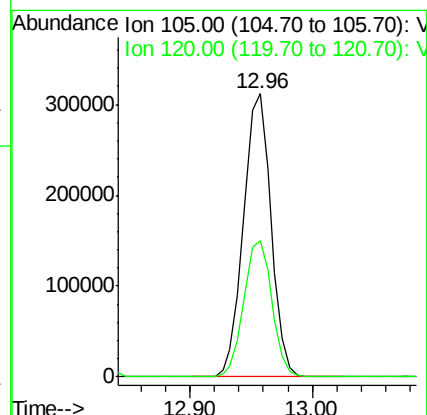
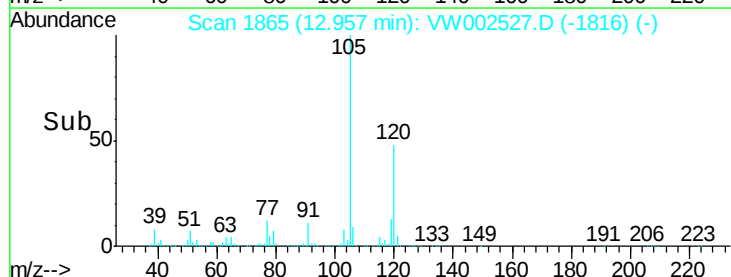
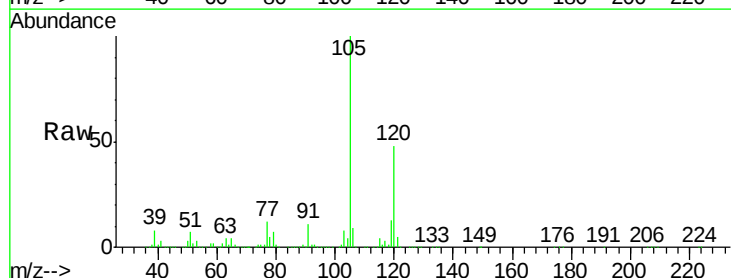
Acq: 14 May 2018 22:06

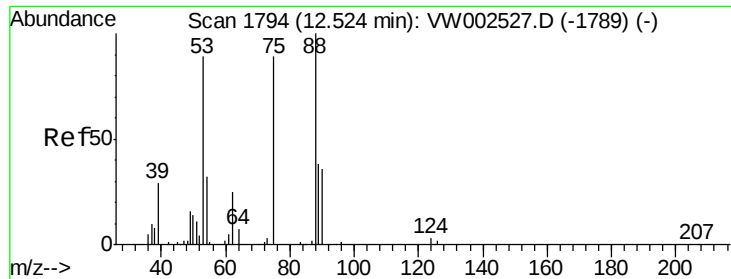
Tgt Ion:105 Resp: 484238

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.43 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 32668

Ion Ratio Lower Upper

75 100

53 103.3 82.6 124.0

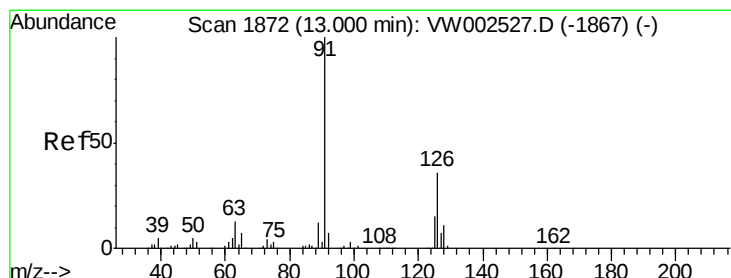
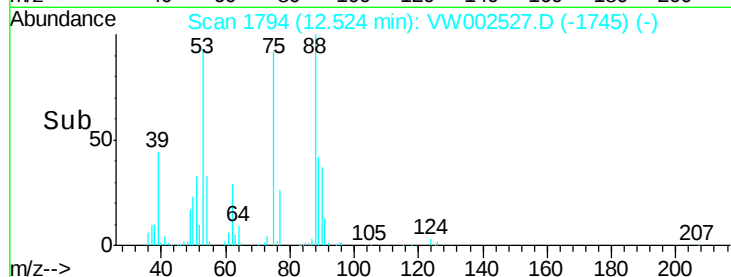
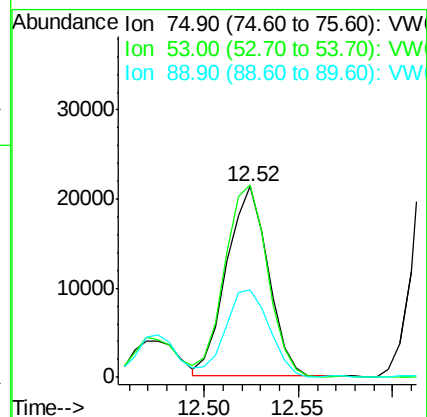
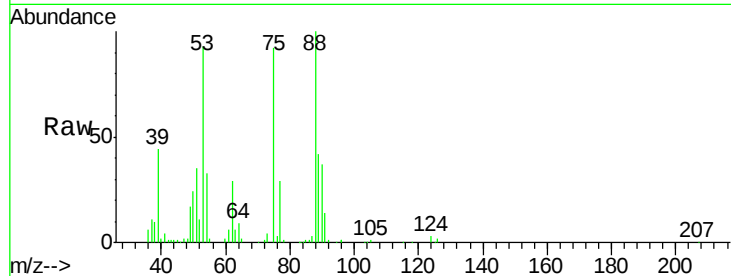
89 49.0 39.2 58.8

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#82

4-Chlorotoluene

Concen: 48.60 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VW002527.D

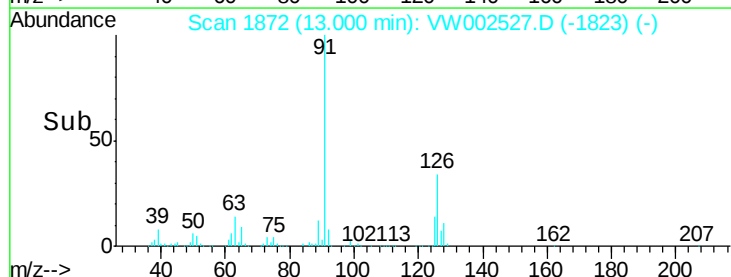
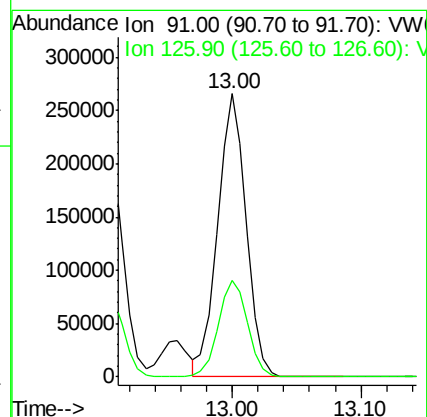
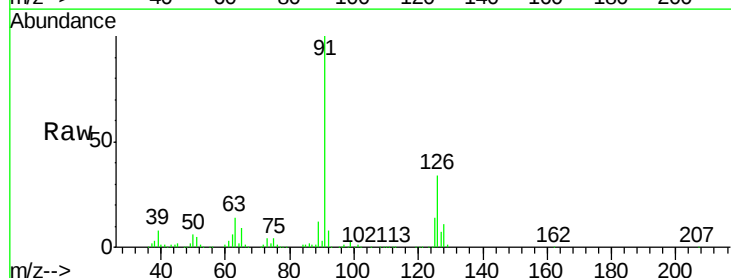
Acq: 14 May 2018 22:06

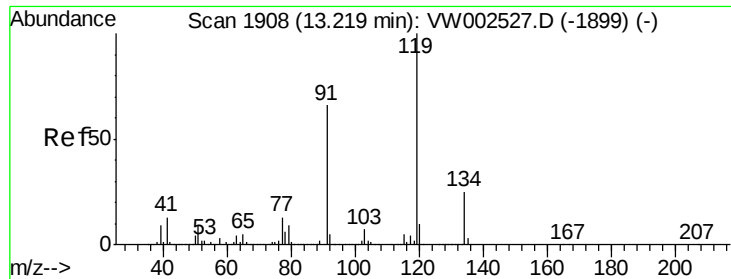
Tgt Ion: 91 Resp: 410559

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5





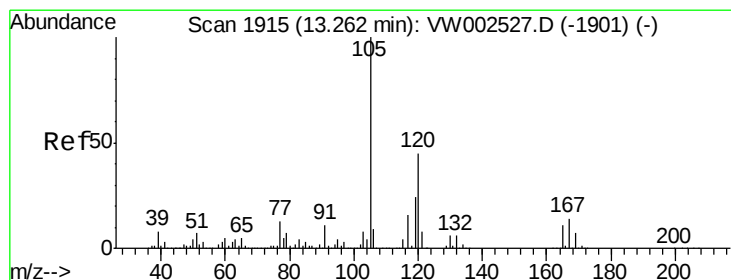
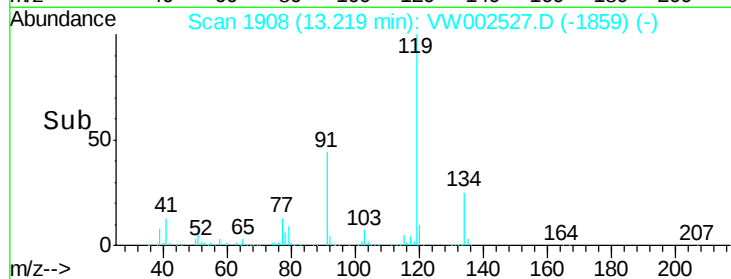
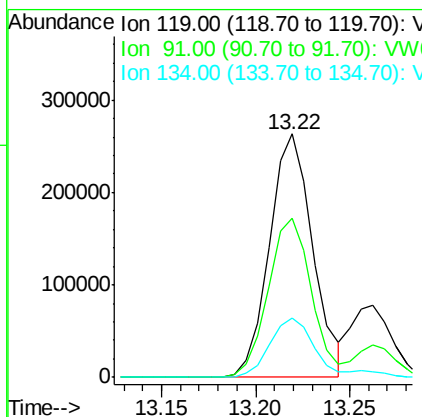
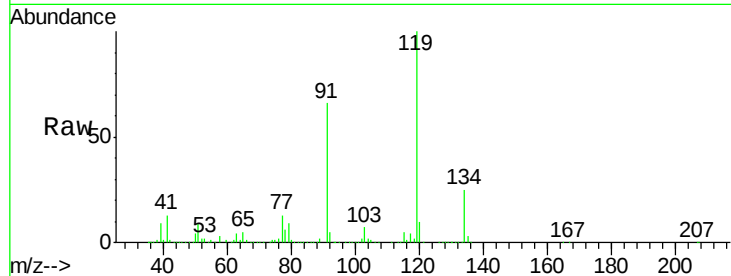
#83
 tert-Butylbenzene
 Concen: 49.84 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	419649		
91	65.0		32.5	97.5
134	26.4		13.2	39.6

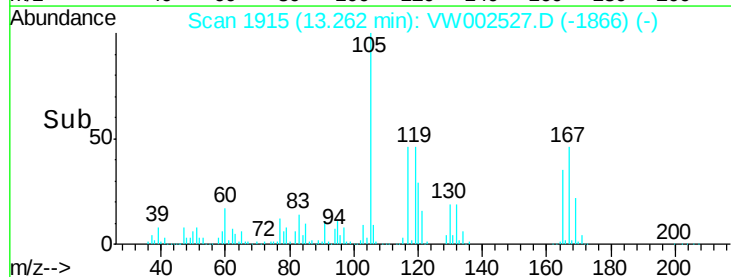
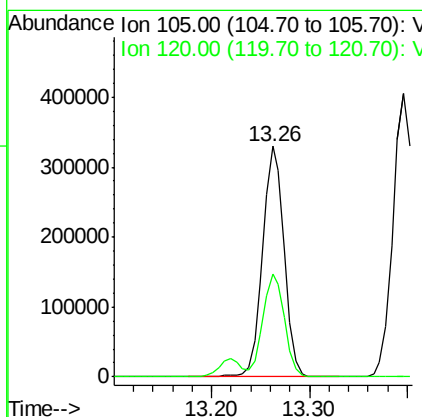
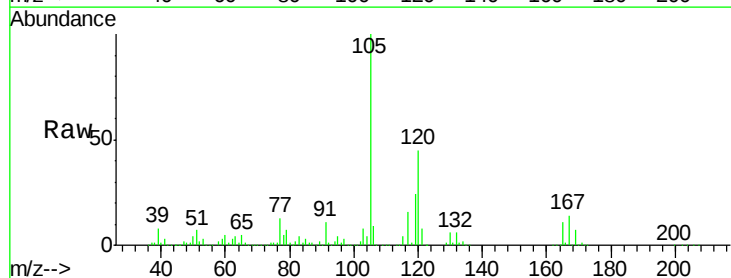
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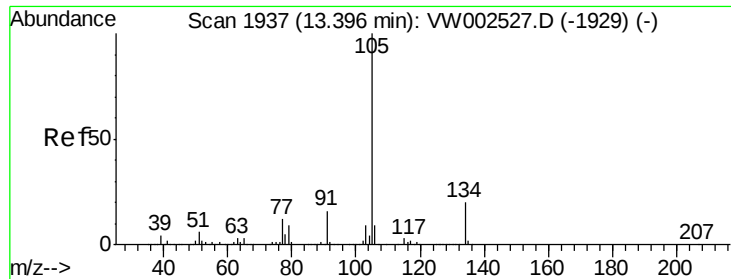
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.91 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	507095		
120	44.6		22.3	66.9





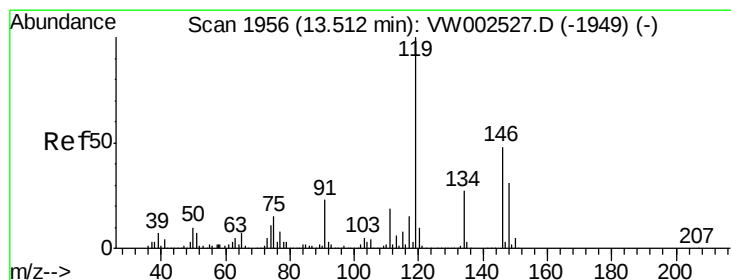
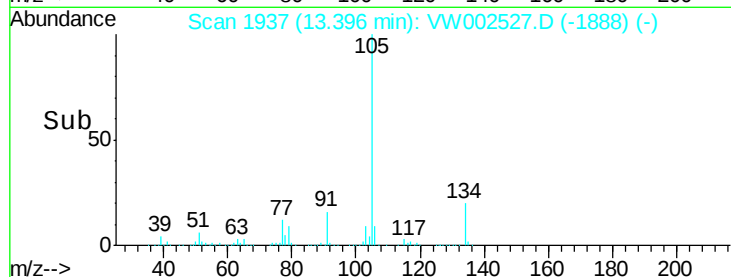
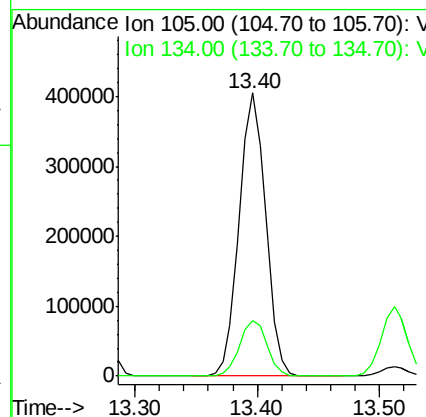
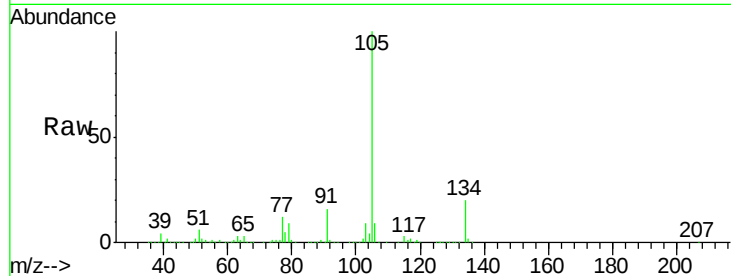
#85
 sec-Butylbenzene
 Concen: 50.37 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	607295		
134	20.2	10.1	30.3	

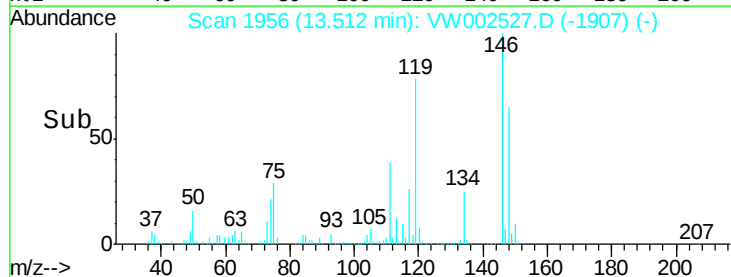
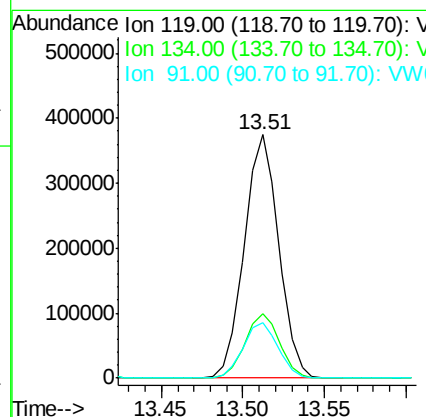
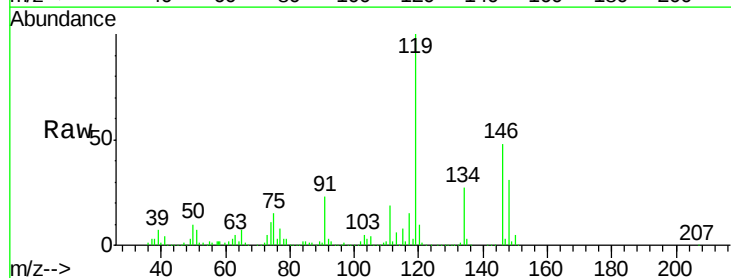
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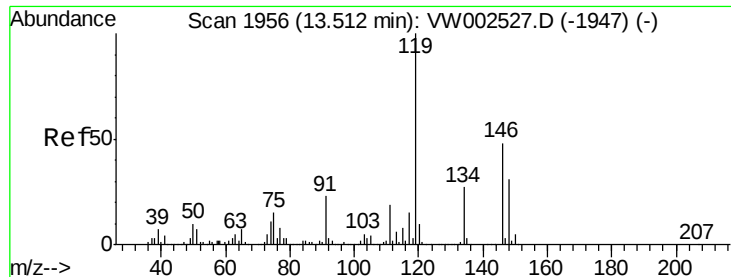
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#86
 p-Isopropyltoluene
 Concen: 50.92 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	550111		
134	26.7	13.4	40.1	
91	23.2	11.6	34.8	





#87

1,3-Dichlorobenzene

Concen: 48.71 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

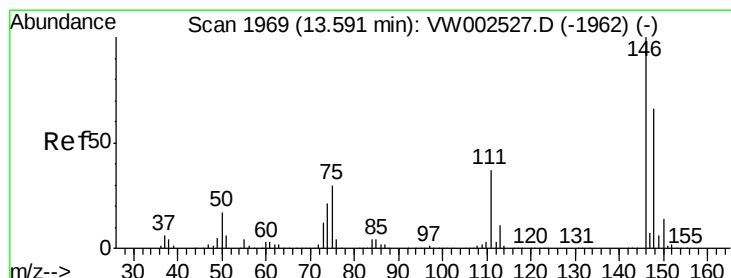
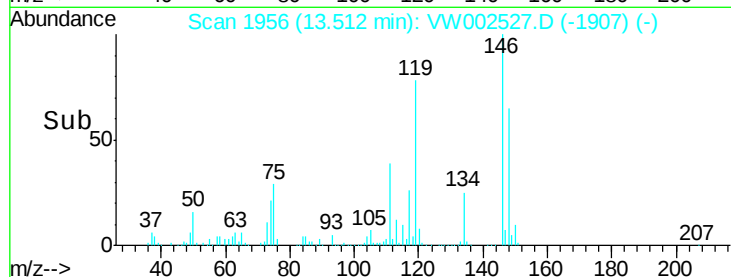
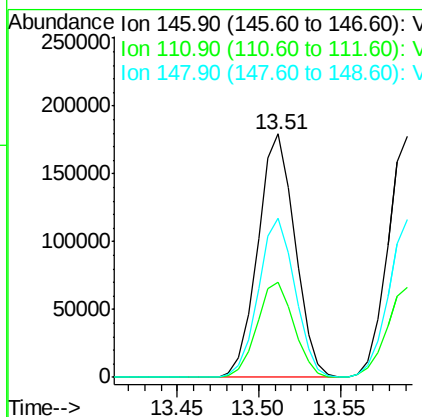
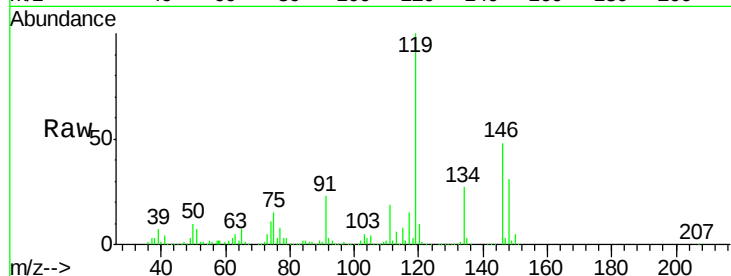
ClientSampleId :

VSTDICCC050

Tot Ion:	146	Resp:	283024
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.6	58.7
148	64.5	32.3	96.8

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#88

1,4-Dichlorobenzene

Concen: 48.47 ug/l

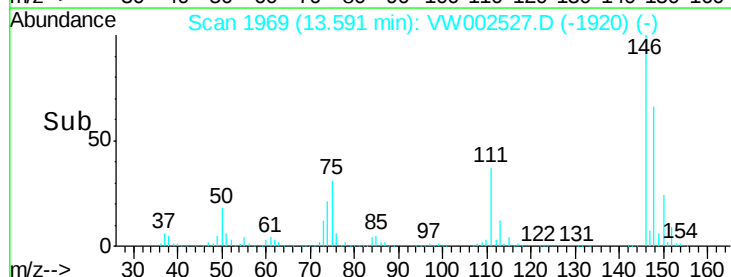
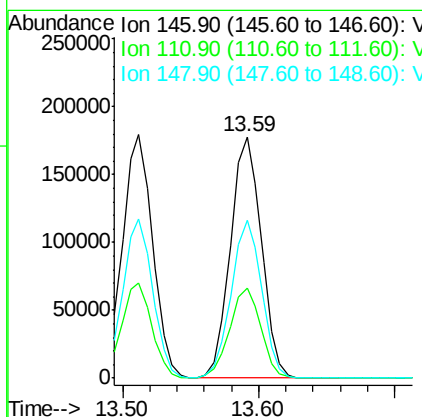
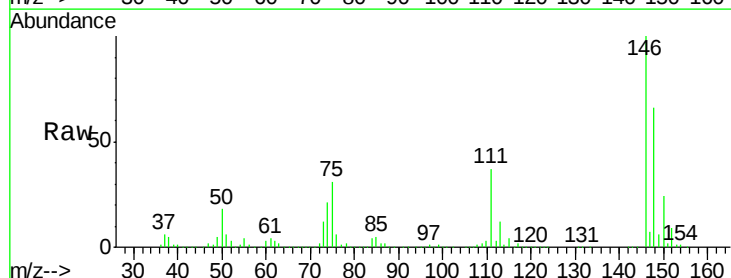
RT: 13.59 min Scan# 1969

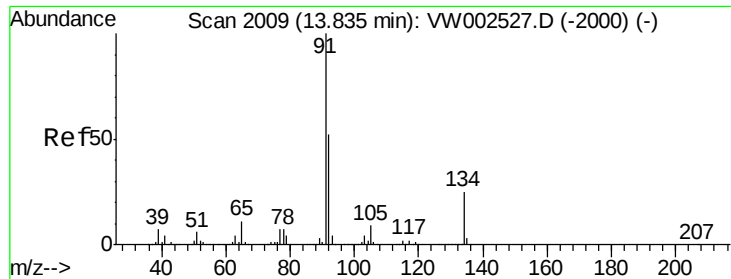
Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Tgt Ion:	146	Resp:	281362
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.9	56.5
148	64.7	32.4	97.0





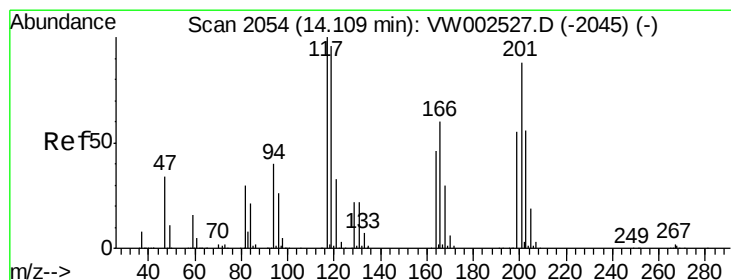
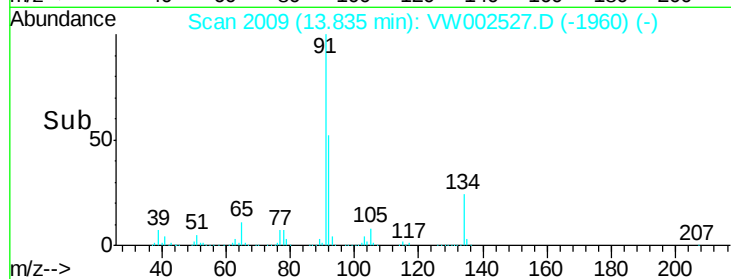
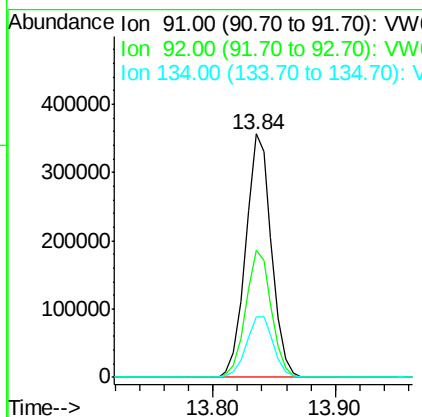
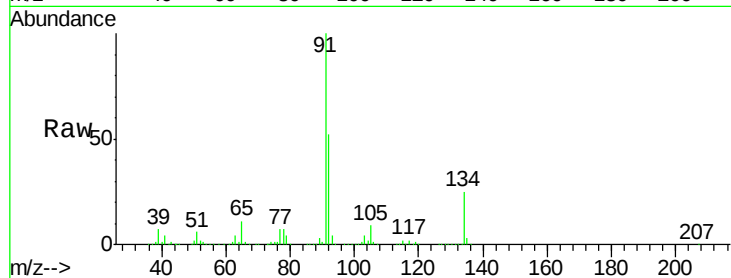
#89
n-Butylbenzene
Concen: 51.21 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

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

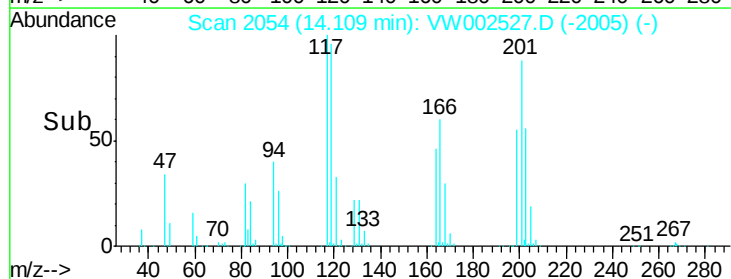
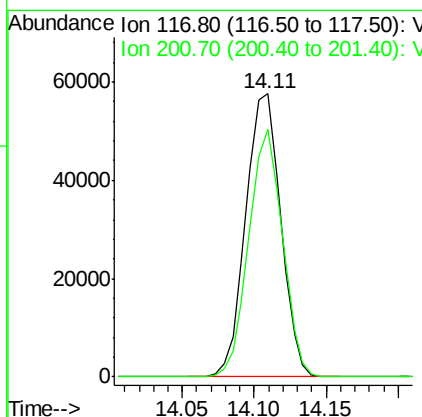
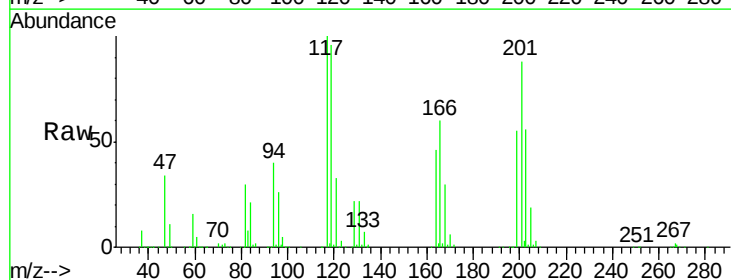
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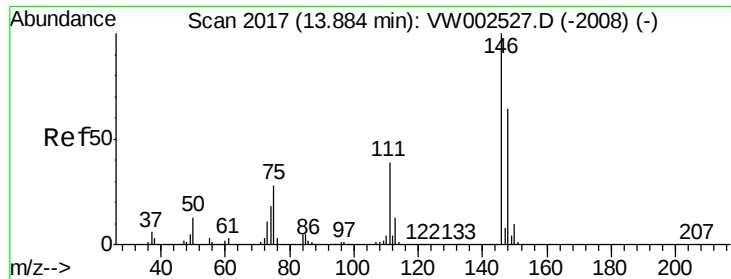
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#90
Hexachloroethane
Concen: 50.30 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.0	42.0	126.0





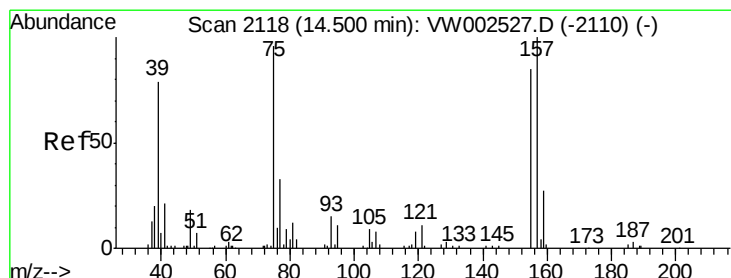
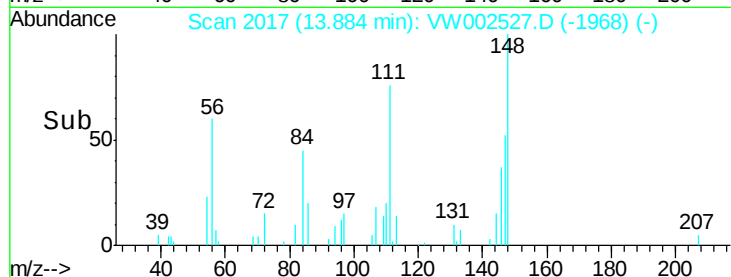
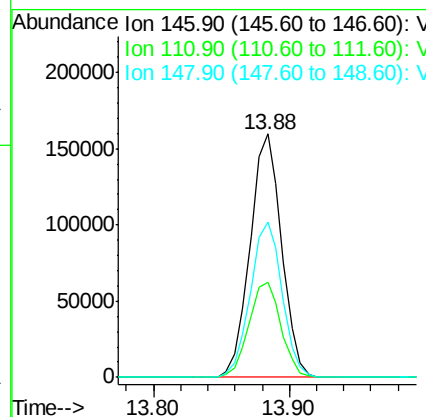
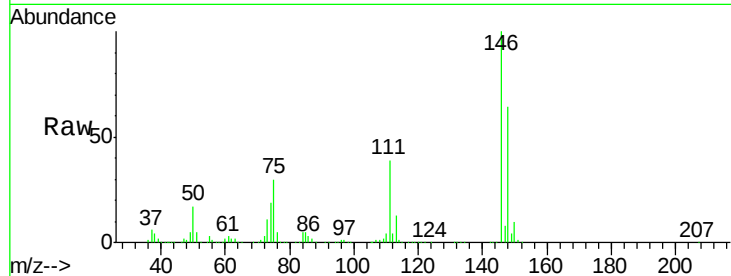
#91
 1,2-Dichlorobenzene
 Concen: 49.04 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.6
148	64.2	32.1	96.3

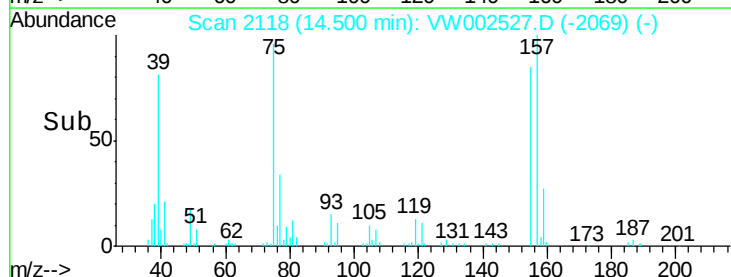
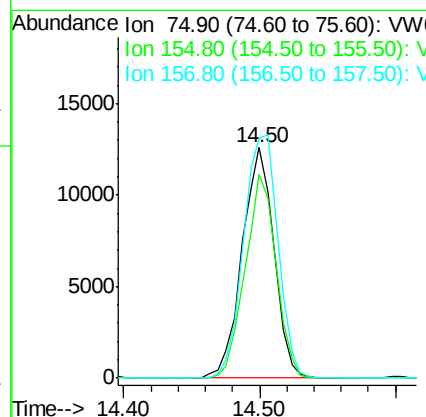
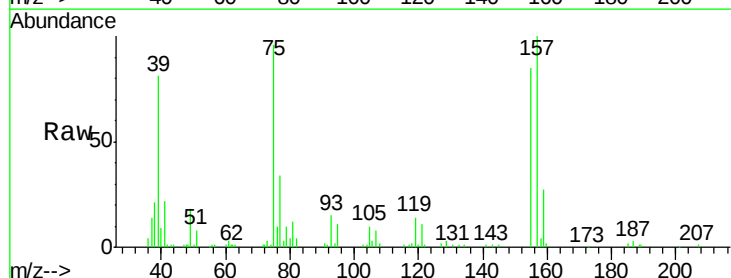
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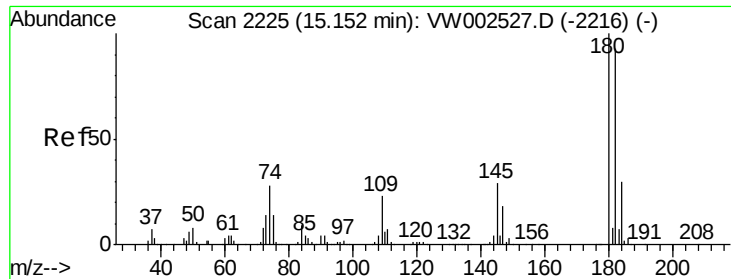
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.32 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.6	42.8	128.4
157	114.7	57.4	172.0





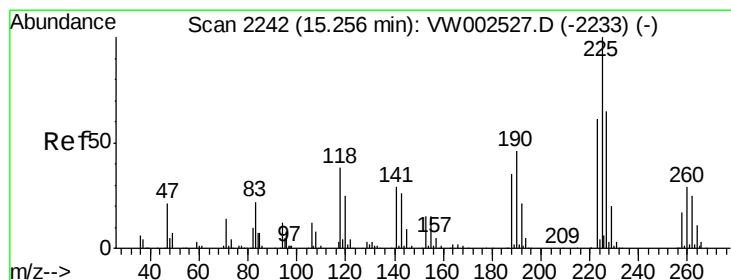
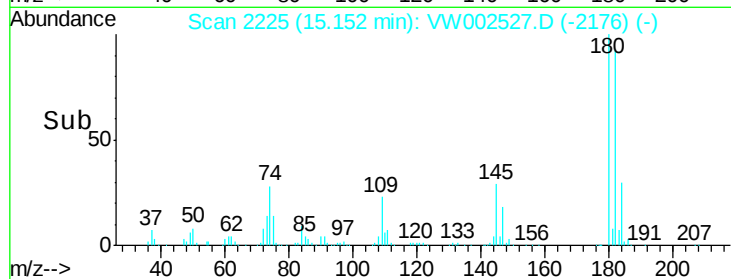
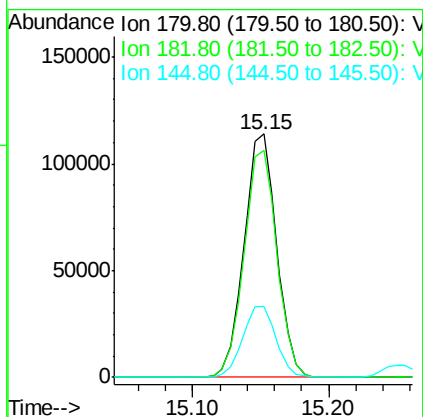
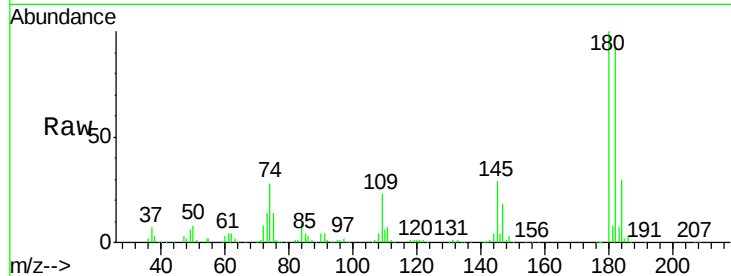
#93
 1,2,4-Trichlorobenzene
 Concen: 50.28 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	190699		
182	94.4	47.2	141.6	
145	29.9	14.9	44.9	

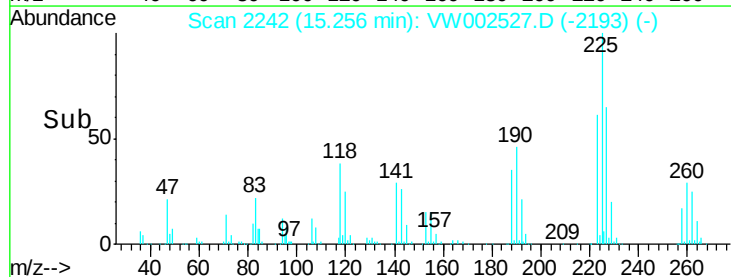
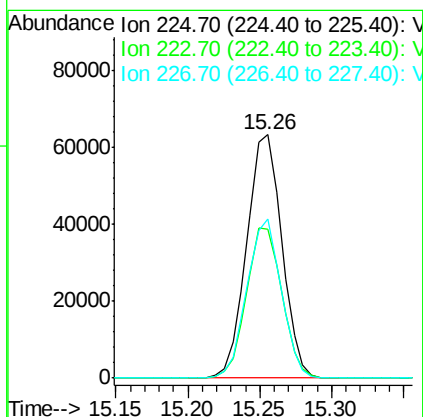
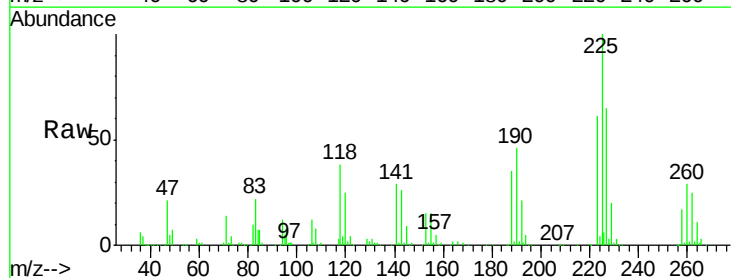
Manual Integrations
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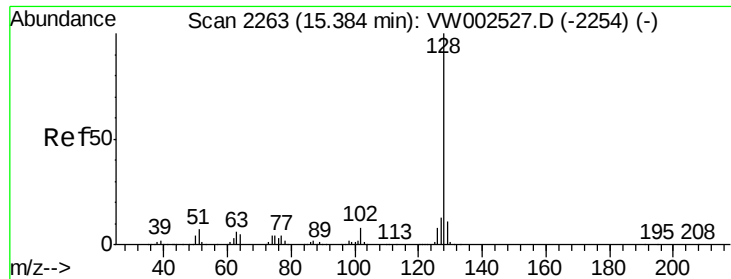
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#94
 Hexachlorobutadiene
 Concen: 50.48 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	106595		
223	62.6	31.3	93.9	
227	63.7	31.9	95.5	





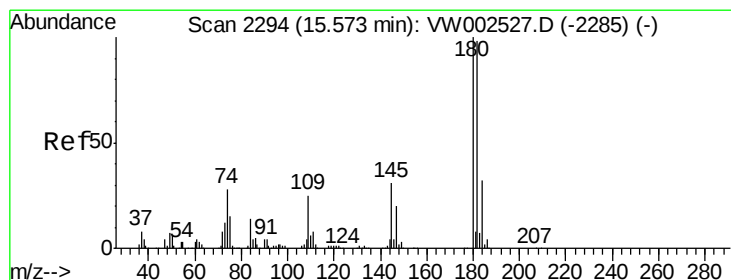
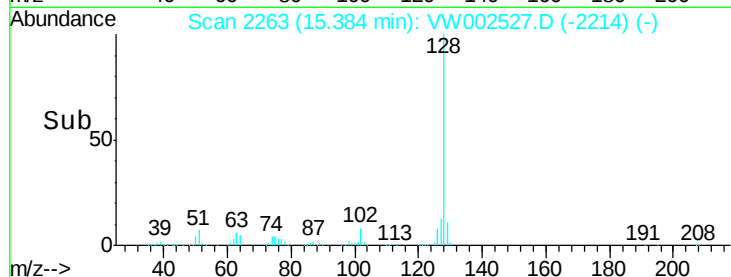
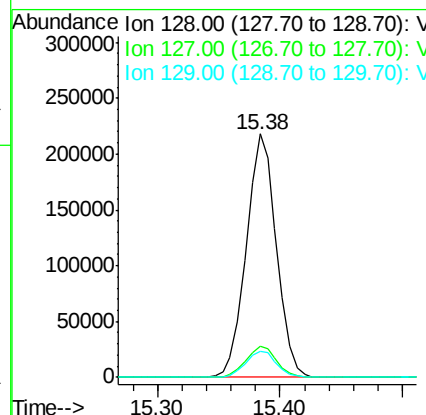
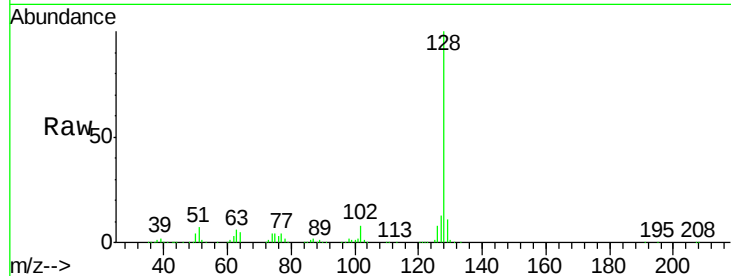
#95
Naphthalene
Concen: 52.91 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.1	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.15 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	31.0	15.5	46.5

