

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090118\
 Data File : VW005059.D
 Acq On : 01 Sep 2018 01:55
 Operator : SY/AP
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

apatel
 9/4/2018 9:37:12 AM

Quant Time: Sep 01 03:26:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	534669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	772140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	752806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	392421	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	383156	101.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.96%	
35) Dibromofluoromethane	7.89	113	412452	105.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.02%	
50) Toluene-d8	10.33	98	1991081	94.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.00%	
62) 4-Bromofluorobenzene	12.62	95	700350	91.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	182.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	368533	80.20	ug/l	97
3) Chloromethane	2.21	50	558816	84.99	ug/l	98
4) Vinyl Chloride	2.36	62	556813	85.16	ug/l	100
5) Bromomethane	2.76	94	362985	84.36	ug/l	97
6) Chloroethane	2.92	64	345791	88.48	ug/l	99
7) Trichlorofluoromethane	3.26	101	618172	91.17	ug/l	99
8) Diethyl Ether	3.69	74	228006	113.29	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	416049	97.50	ug/l	99
10) Methyl Iodide	4.28	142	703195	120.25	ug/l	100
11) Tert butyl alcohol	5.18	59	124625	455.49	ug/l	98
12) 1,1-Dichloroethene	4.04	96	413591	104.17	ug/l	97
13) Acrolein	3.90	56	134736	442.64	ug/l	99
14) Allyl chloride	4.68	41	670206	109.13	ug/l	100
15) Acrylonitrile	5.38	53	493859	496.82	ug/l	100
16) Acetone	4.13	43	392805	468.85	ug/l	96
17) Carbon Disulfide	4.39	76	1473859	90.76	ug/l	99
18) Methyl Acetate	4.68	43	238979	114.43	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	1036601	118.71	ug/l	98
20) Methylene Chloride	4.92	84	541635	77.30	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	496781	112.88	ug/l	99
22) Diisopropyl ether	6.32	45	1430055	113.76	ug/l	98
23) Vinyl Acetate	6.26	43	3728410	576.12	ug/l	99
24) 1,1-Dichloroethane	6.23	63	833821	108.94	ug/l	99
25) 2-Butanone	7.18	43	678290	512.21	ug/l	98
26) 2,2-Dichloropropane	7.18	77	641734	96.57	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	549838	114.26	ug/l	100
28) Bromochloromethane	7.52	49	310860	94.39	ug/l	99
29) Tetrahydrofuran	7.54	42	370199	547.91	ug/l	100
30) Chloroform	7.68	83	837559	110.36	ug/l	98
31) Cyclohexane	7.96	56	807007	101.32	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	720644	104.34	ug/l	100
36) 1,1-Dichloropropene	8.09	75	713240	107.27	ug/l	99
37) Ethyl Acetate	7.26	43	250294	102.83	ug/l	99
38) Carbon Tetrachloride	8.07	117	646809	100.04	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	912576	100.53	ug/l	99
40) Benzene	8.33	78	2191641	103.34	ug/l	99
41) Methacrylonitrile	7.49	41	146103	101.91	ug/l	94
42) 1,2-Dichloroethane	8.41	62	492070	102.14	ug/l	100
43) Isopropyl Acetate	8.43	43	488549	102.57	ug/l	100
44) Trichloroethene	9.10	130	581463	106.43	ug/l	99
45) 1,2-Dichloropropane	9.37	63	525273	107.37	ug/l	100
46) Dibromomethane	9.46	93	239389	102.23	ug/l	99
47) Bromodichloromethane	9.65	83	617869	106.64	ug/l	100
48) Methyl methacrylate	9.44	41	247594	100.22	ug/l	98
49) 1,4-Dioxane	9.46	88	78462	1661.51	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1652085	469.49	ug/l	99
52) Toluene	10.40	92	1520032	96.90	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	663943	109.40	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	791061	111.00	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	378075	99.97	ug/l	97
56) Ethyl methacrylate	10.65	69	495700	101.58	ug/l	99
57) 1,3-Dichloropropane	10.94	76	640638	103.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	1107633	521.66	ug/l	100
59) 2-Hexanone	10.98	43	1132772	447.85	ug/l	98
60) Dibromochloromethane	11.13	129	449073	108.35	ug/l	100
61) 1,2-Dibromoethane	11.24	107	348913	99.35	ug/l	100
64) Tetrachloroethene	10.87	164	573912	103.17	ug/l	98
65) Chlorobenzene	11.66	112	1659946	99.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	508445	110.02	ug/l	100
67) Ethyl Benzene	11.74	91	2945261	103.02	ug/l	100
68) m/p-Xylenes	11.85	106	2326531	200.24	ug/l	100
69) o-Xylene	12.17	106	1101214	103.83	ug/l	99
70) Styrene	12.19	104	1834733	104.17	ug/l	100
71) Bromoform	12.35	173	267464	104.71	ug/l	100
73) Isopropylbenzene	12.47	105	2947197	110.68	ug/l	100
74) N-amyl acetate	12.28	43	505797	102.45	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	406559	101.73	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	276457m	98.44	ug/l	
77) Bromobenzene	12.75	156	686462	105.14	ug/l	100
78) n-propylbenzene	12.81	91	3485947	106.43	ug/l	100
79) 2-Chlorotoluene	12.90	91	1998374	105.68	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	2477695	105.67	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	129046	105.26	ug/l	97
82) 4-Chlorotoluene	12.99	91	2100342	104.45	ug/l	99
83) tert-Butylbenzene	13.21	119	2112861	107.24	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	2525948	106.04	ug/l	100
85) sec-Butylbenzene	13.39	105	3025844	104.82	ug/l	100
86) p-Isopropyltoluene	13.51	119	2722104	105.37	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1375278	99.94	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1343442	98.63	ug/l	100
89) n-Butylbenzene	13.83	91	2498734	103.25	ug/l	100
90) Hexachloroethane	14.10	117	437707	107.35	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	1187272	98.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	60497	88.30	ug/l	99

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VSTDICC100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	809257	95.94	ug/l	100
94) Hexachlorobutadiene	15.24	225	481377	91.30	ug/l	99
95) Naphthalene	15.38	128	1355443	98.71	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	689429	92.90	ug/l	99

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

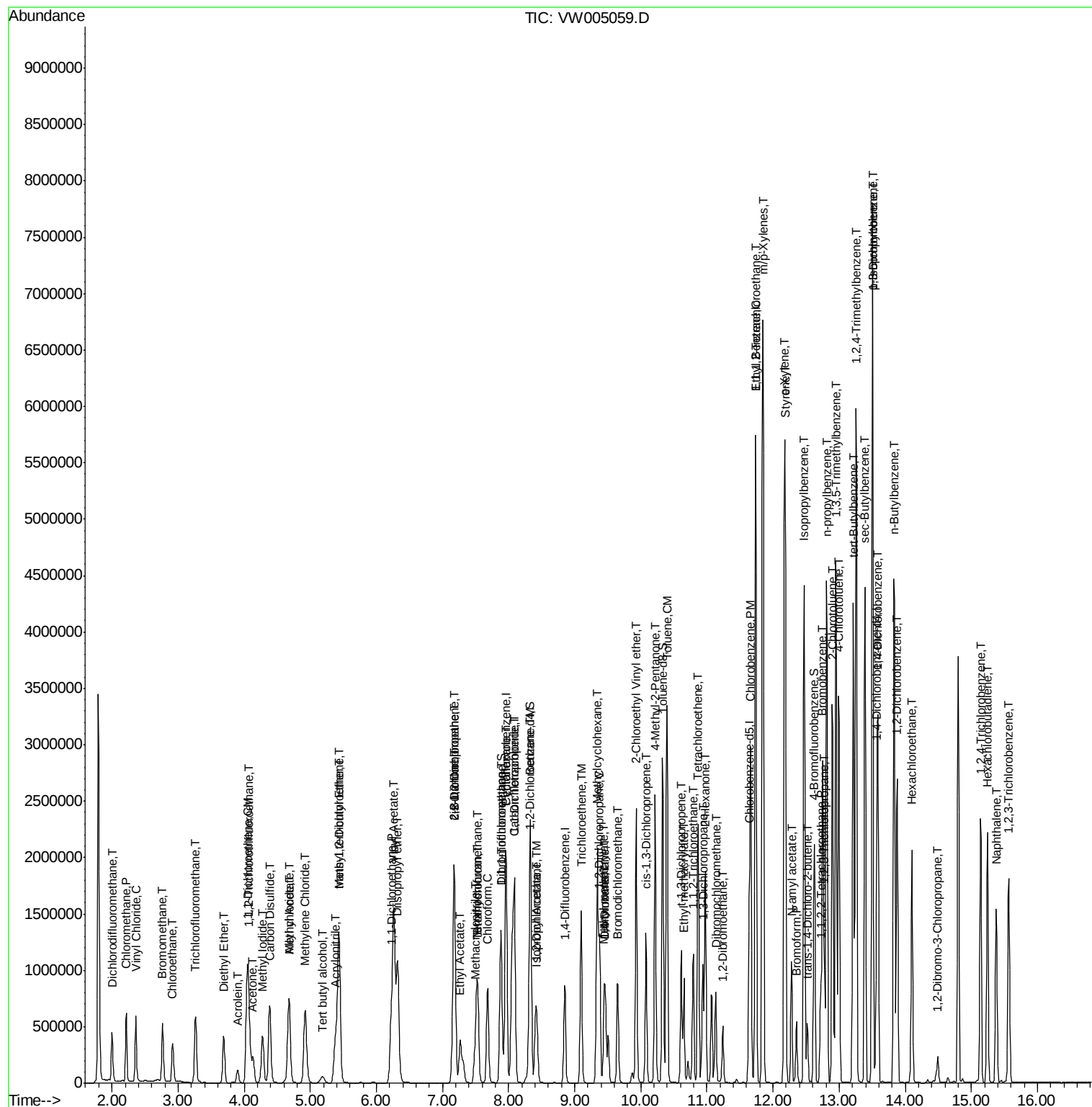
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090118\
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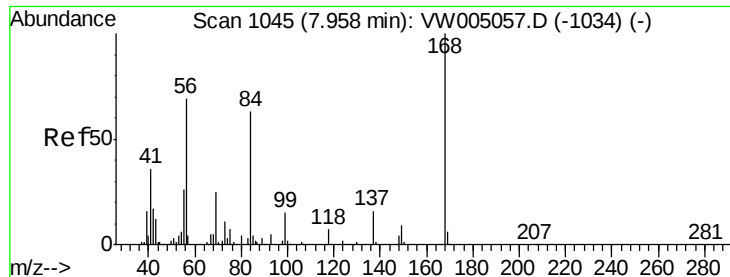
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion:168 Resp: 534669

Ion Ratio Lower Upper

168 100

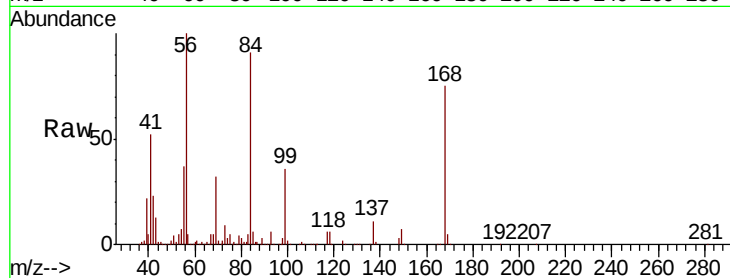
99 48.4 39.4 59.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

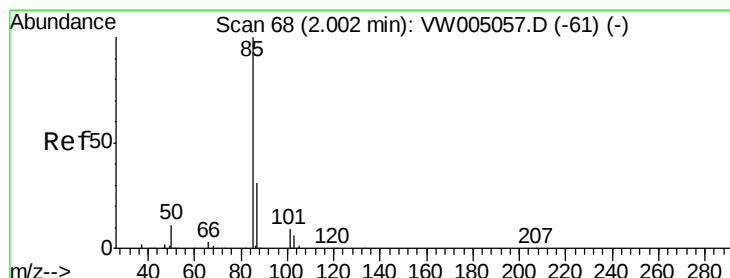
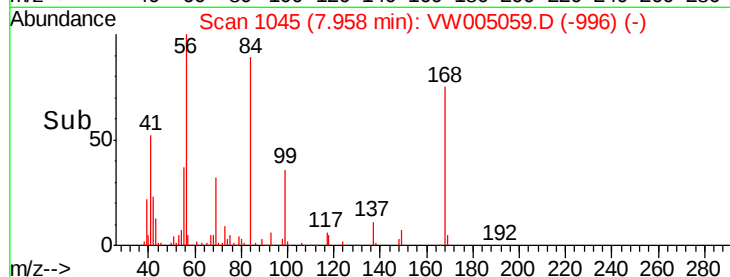
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 80.20 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005059.D

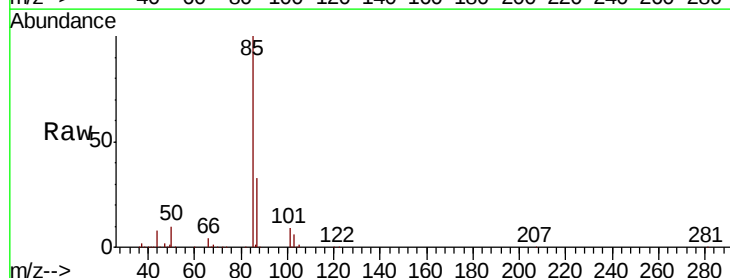
Acq: 01 Sep 2018 01:55

Tgt Ion: 85 Resp: 368533

Ion Ratio Lower Upper

85 100

87 33.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

300000

250000

200000

150000

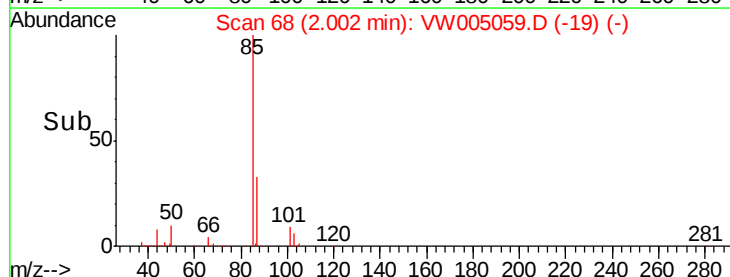
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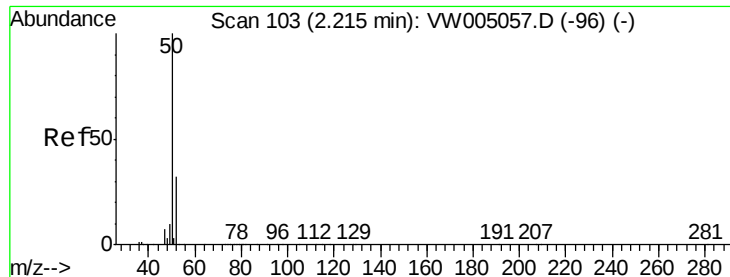
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 84.99 ug/l

RT: 2.21 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 558816

Ion Ratio Lower Upper

50 100

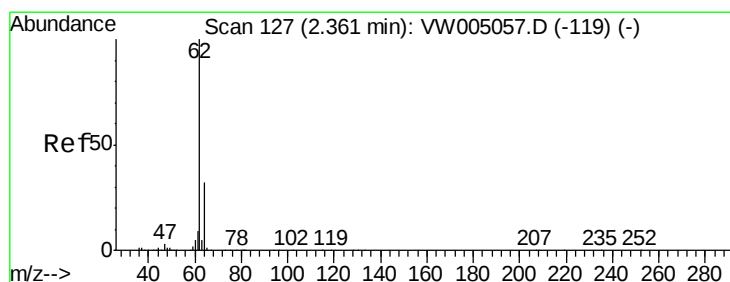
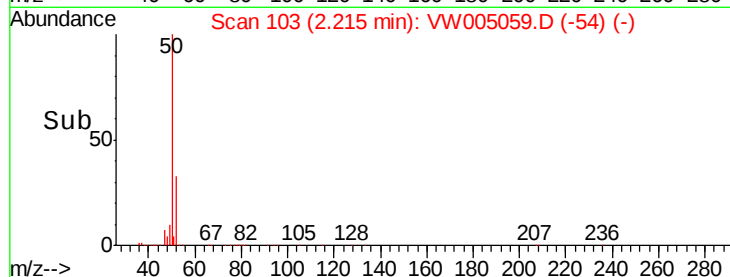
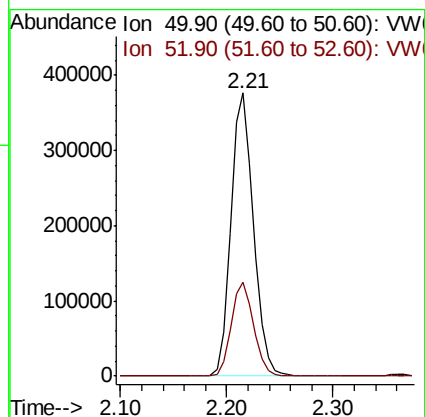
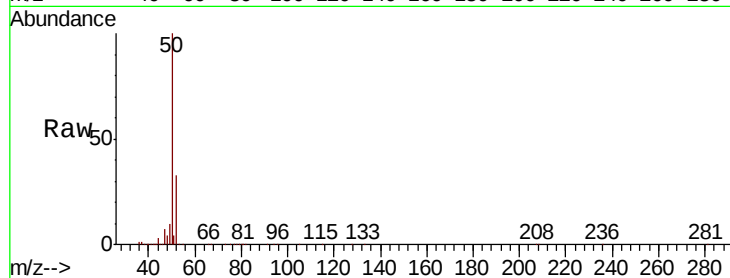
52 33.3 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 85.16 ug/l

RT: 2.36 min Scan# 127

Delta R.T. -0.00 min

Lab File: VW005059.D

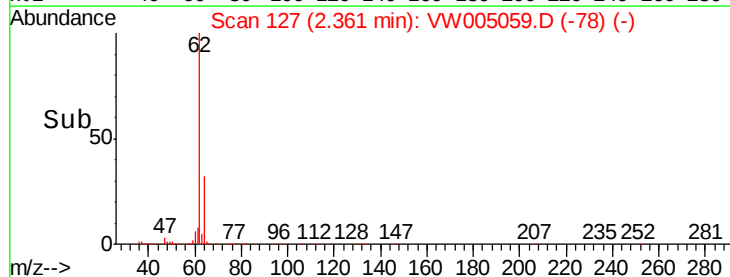
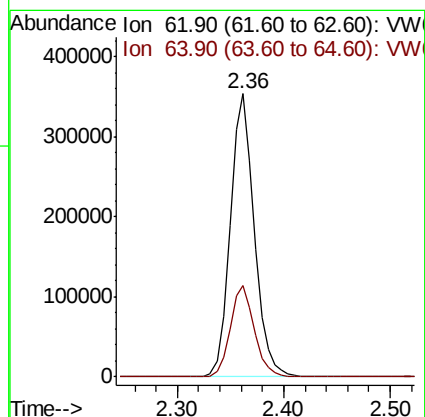
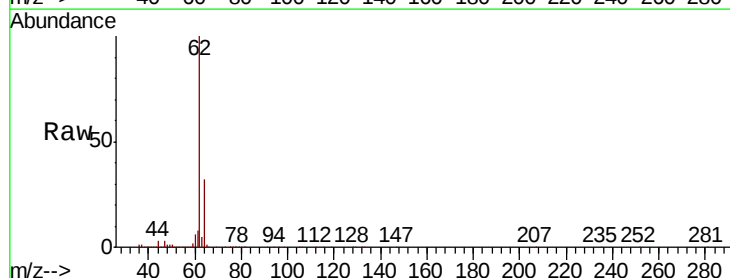
Acq: 01 Sep 2018 01:55

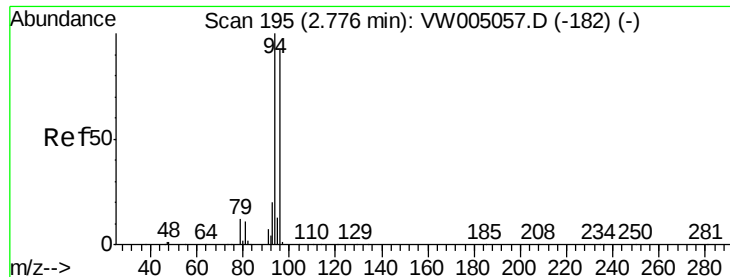
Tgt Ion: 62 Resp: 556813

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 84.36 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Tot Ion: 94 Resp: 362985

Ion Ratio Lower Upper

94 100

96 94.6 73.2 109.8

Instrument :

MSVOA_W

ClientSampleId :

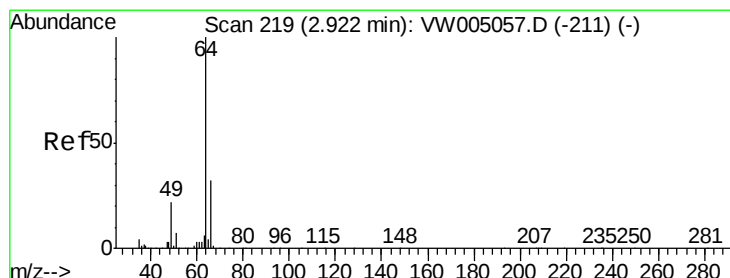
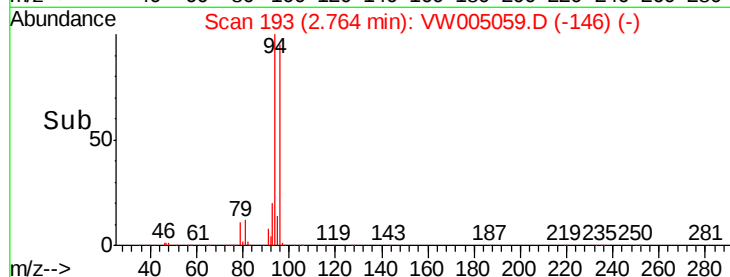
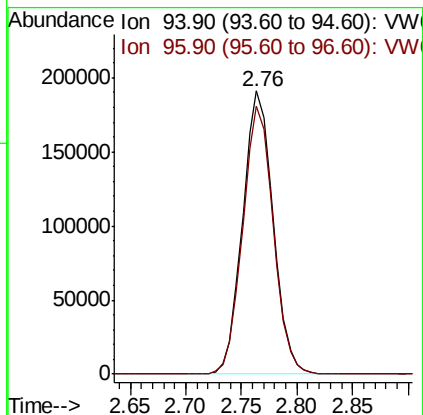
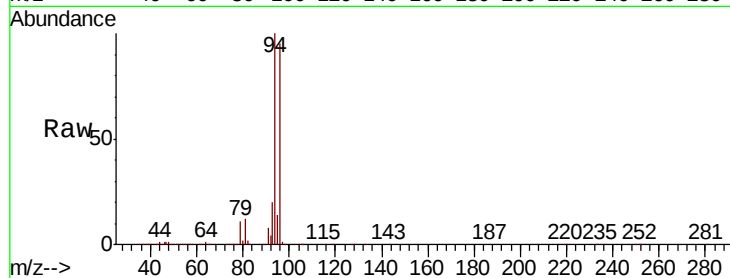
VSTDICC100

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#6

Chloroethane

Concen: 88.48 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005059.D

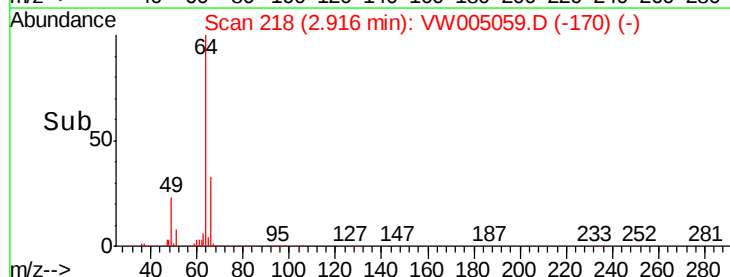
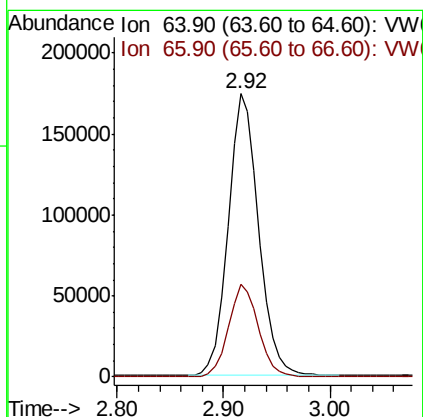
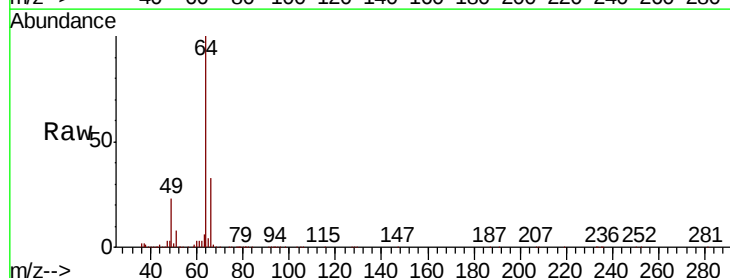
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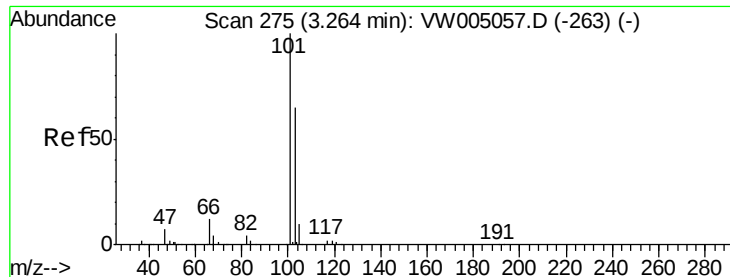
Tgt Ion: 64 Resp: 345791

Ion Ratio Lower Upper

64 100

66 32.7 25.7 38.5





#7

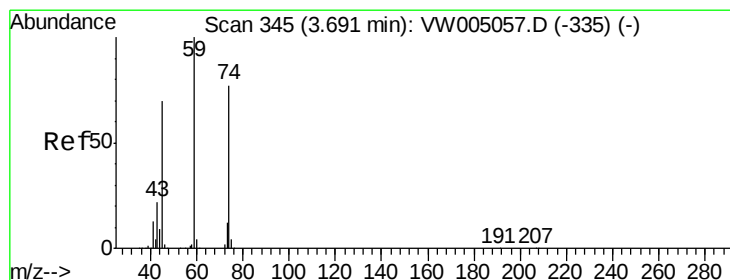
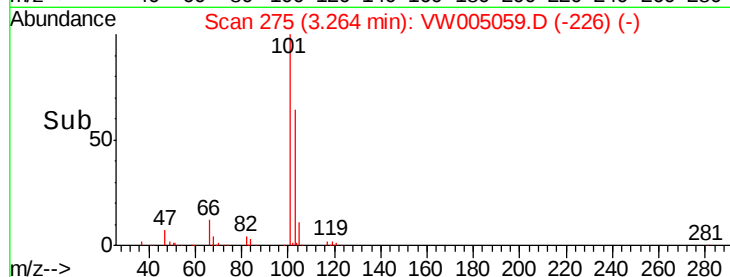
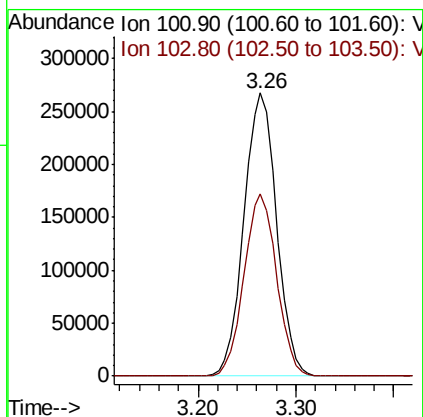
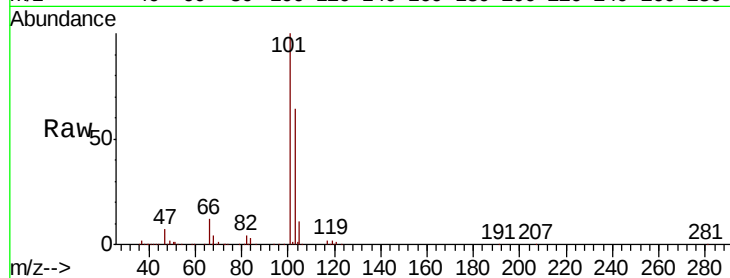
Trichlorofluoromethane
 Concen: 91.17 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

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Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	64.4	51.9	77.9	

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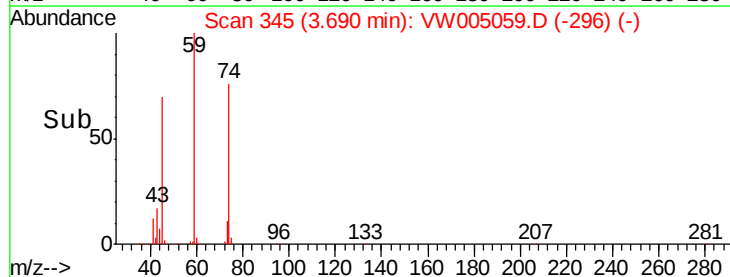
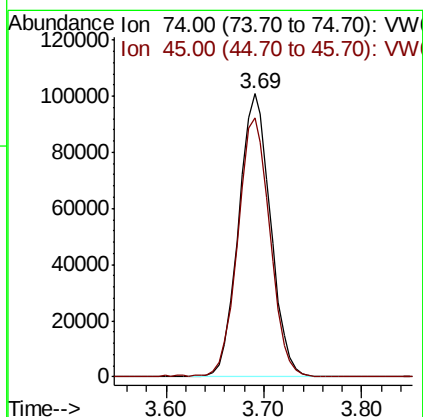
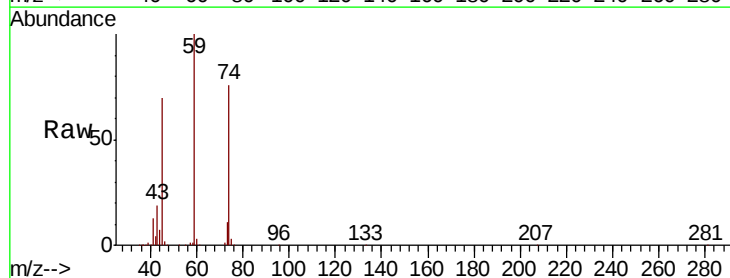
apatel
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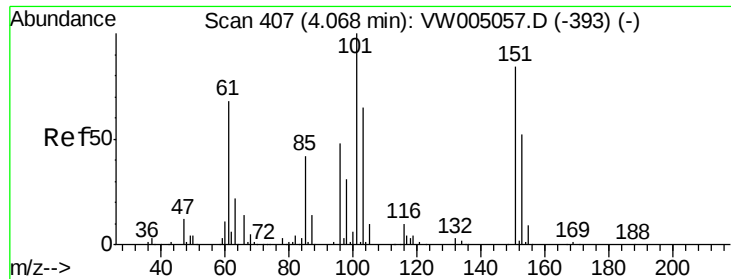


#8

Diethyl Ether
 Concen: 113.29 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	91.4	46.0	137.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.50 ug/l

RT: 4.07 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

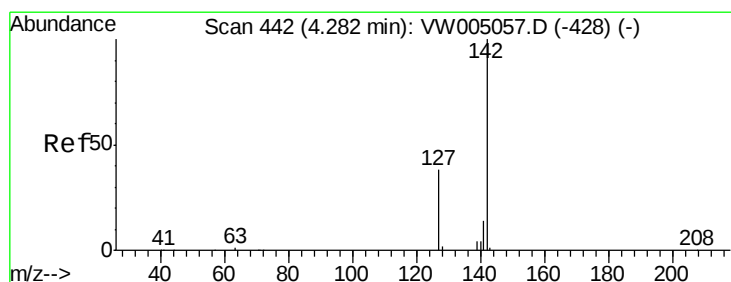
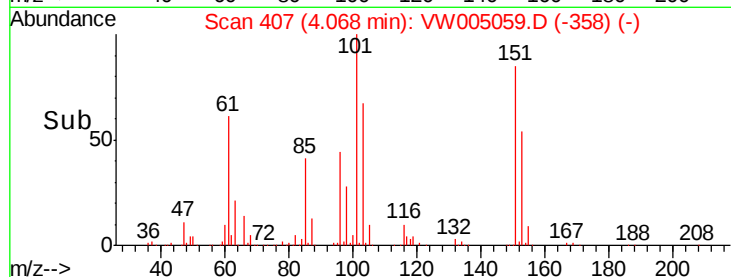
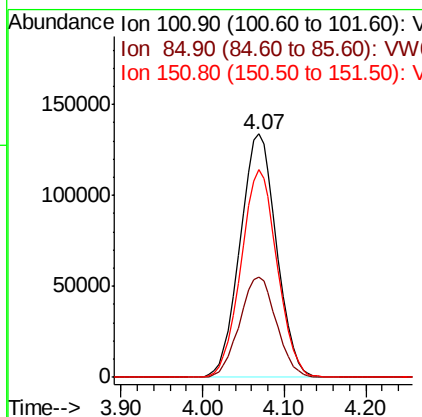
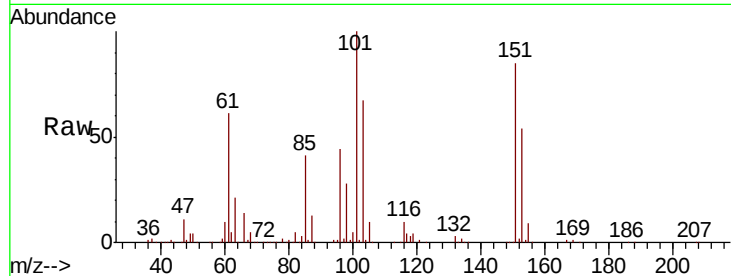
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	416049
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.0	49.6
151	84.4	67.0	100.6

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#10

Methyl Iodide

Concen: 120.25 ug/l

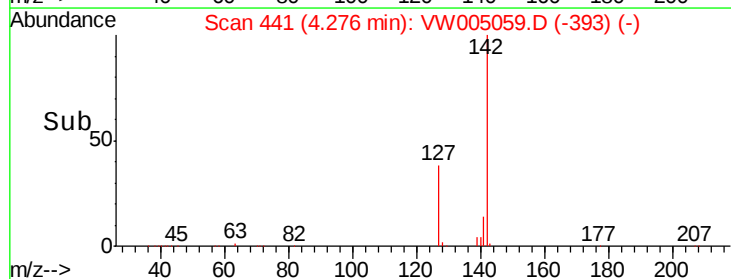
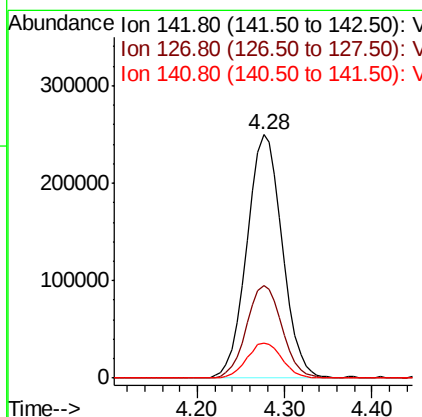
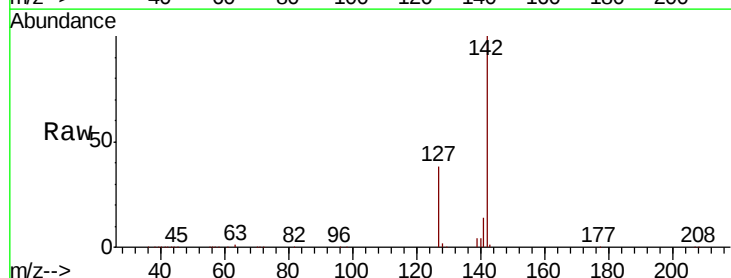
RT: 4.28 min Scan# 441

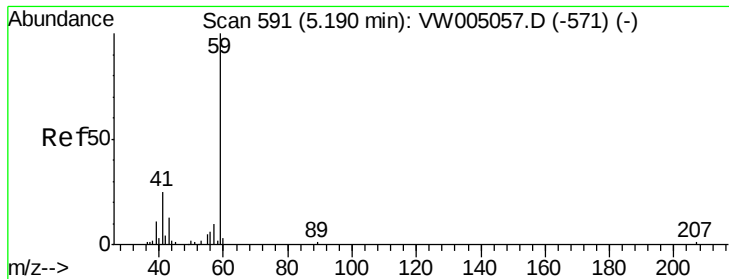
Delta R.T. -0.01 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Tgt Ion:	142	Resp:	703195
Ion Ratio	Lower	Upper	
142	100		
127	38.4	30.8	46.2
141	14.5	11.6	17.4





#11

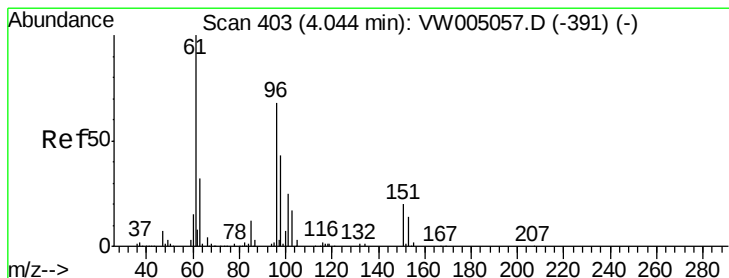
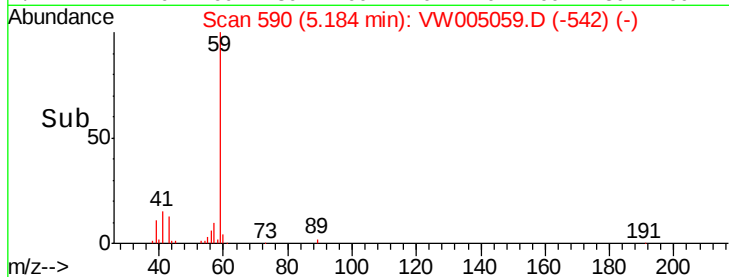
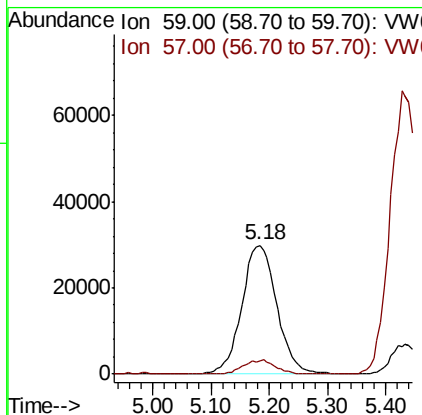
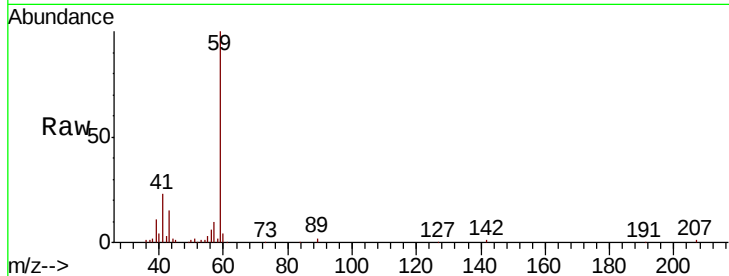
Tert butyl alcohol
Concen: 455.49 ug/l
RT: 5.18 min Scan# 590
Delta R.T. -0.01 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.6	12.8

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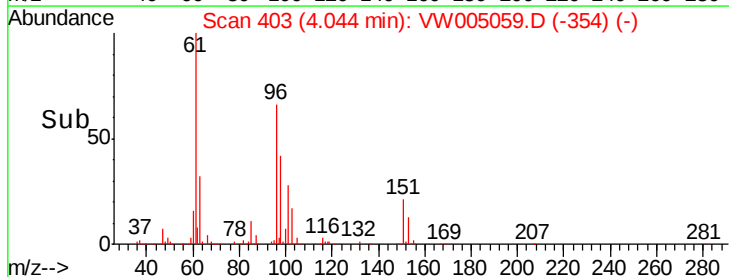
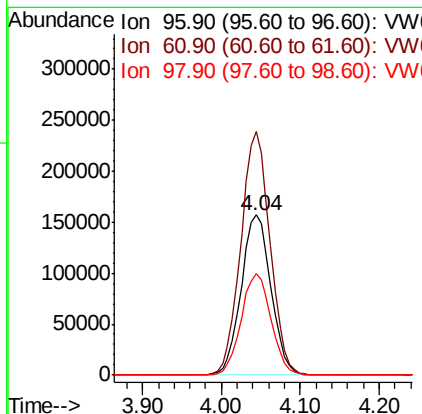
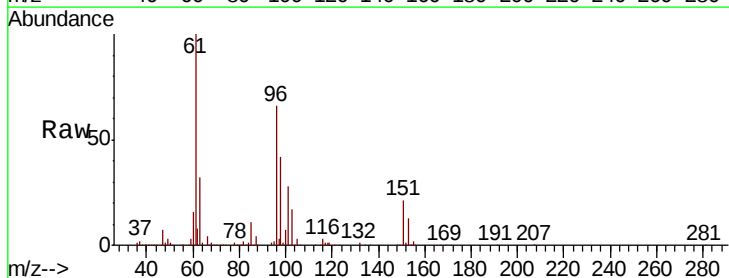
apatel
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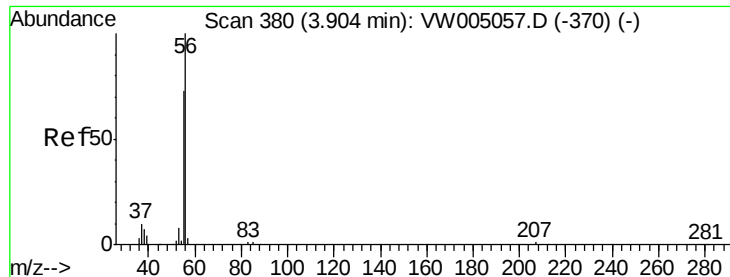


#12

1,1-Dichloroethene
Concen: 104.17 ug/l
RT: 4.04 min Scan# 403
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.1	117.4	176.0
98	63.6	51.0	76.4





#13

Acrolein

Concen: 442.64 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 134736

Ion Ratio Lower Upper

56 100

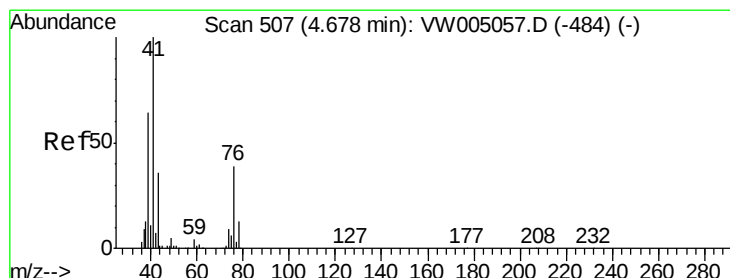
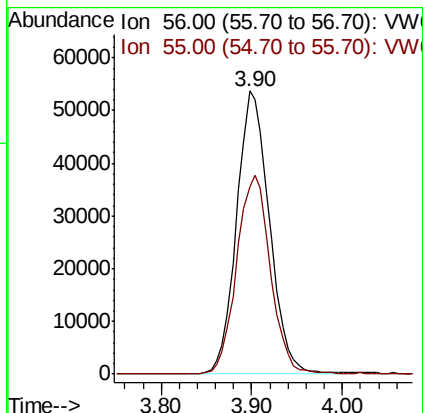
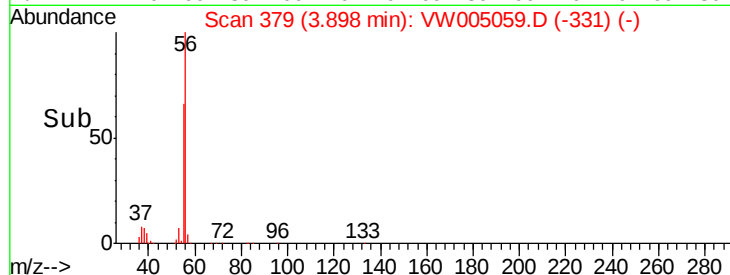
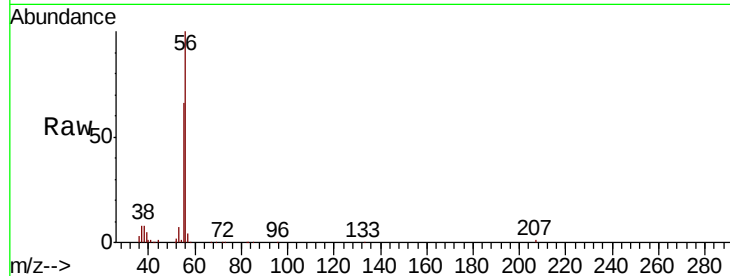
55 72.0 58.1 87.1

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#14

Allyl chloride

Concen: 109.13 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

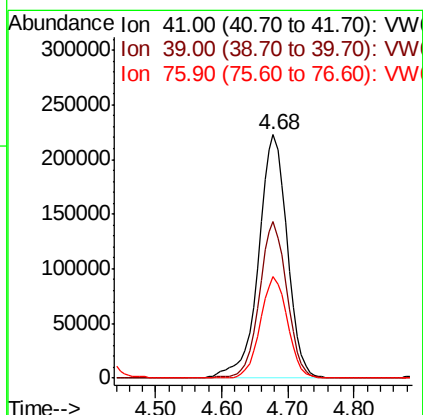
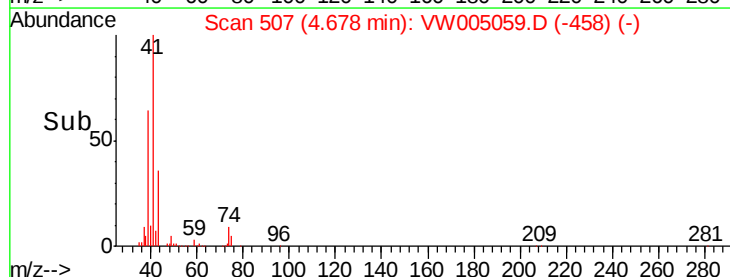
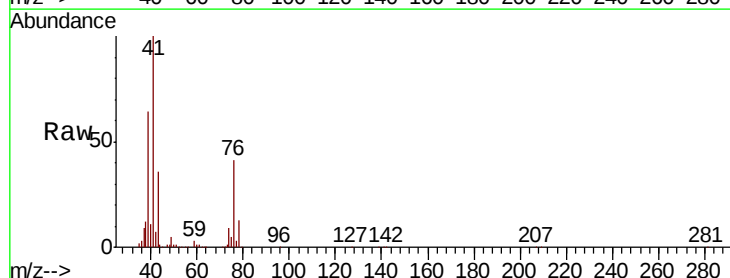
Tgt Ion: 41 Resp: 670206

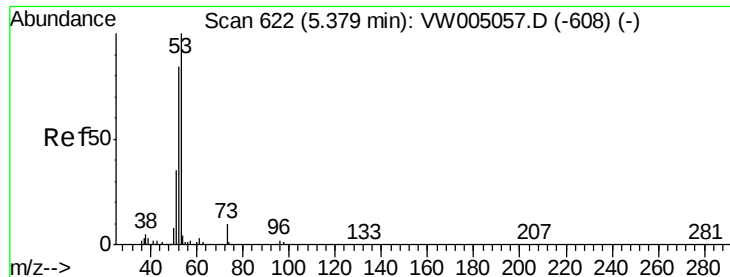
Ion Ratio Lower Upper

41 100

39 61.7 49.4 74.2

76 39.5 31.8 47.6





#15

Acrylonitrile

Concen: 496.82 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

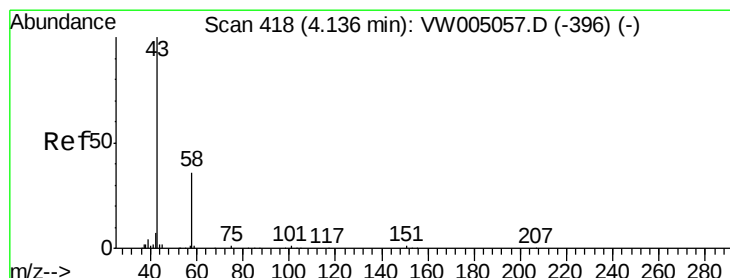
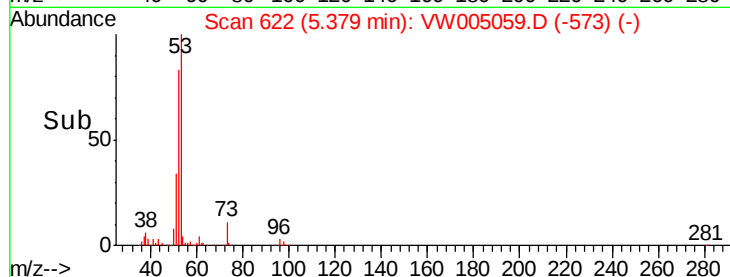
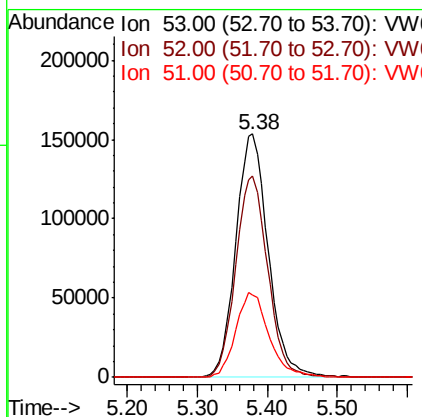
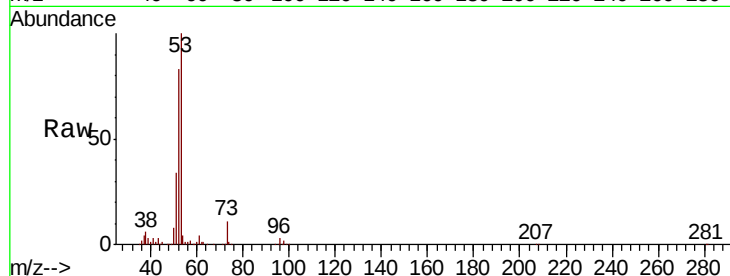
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	493859
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.7	98.5
51	35.9	28.8	43.2

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#16

Acetone

Concen: 468.85 ug/l

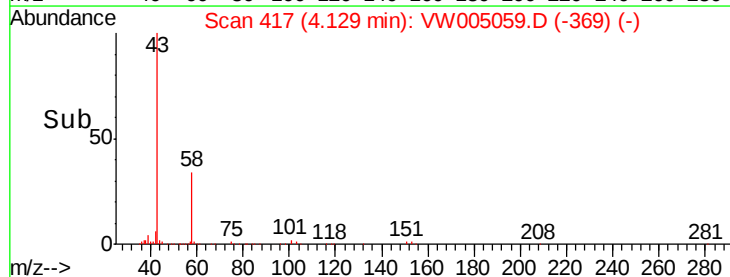
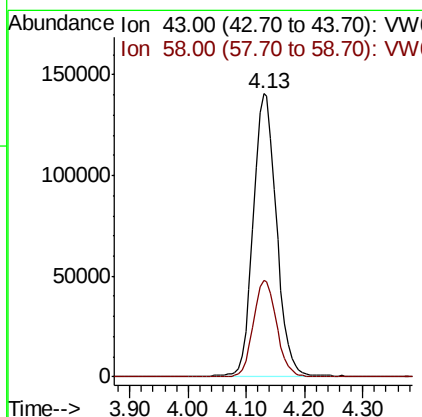
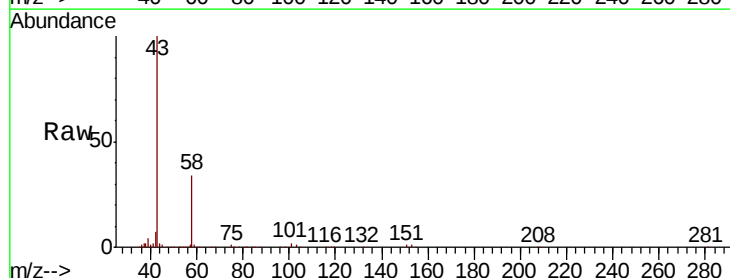
RT: 4.13 min Scan# 417

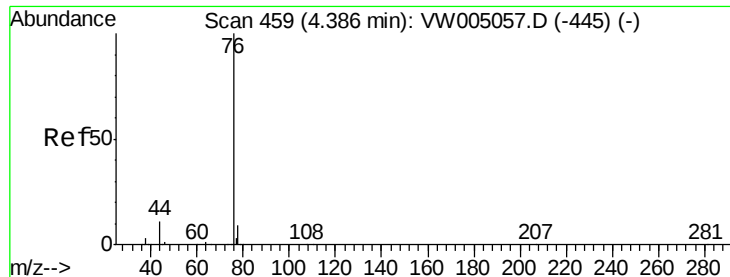
Delta R.T. -0.01 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Tgt Ion:	43	Resp:	392805
Ion	Ratio	Lower	Upper
43	100		
58	34.2	29.0	43.6





#17

Carbon Disulfide

Concen: 90.76 ug/l

RT: 4.39 min Scan# 459

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 1473859

Ion Ratio Lower Upper

76 100

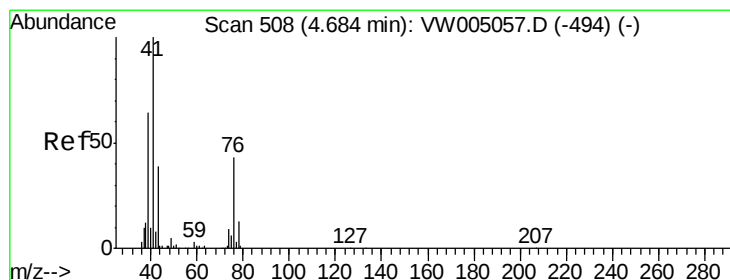
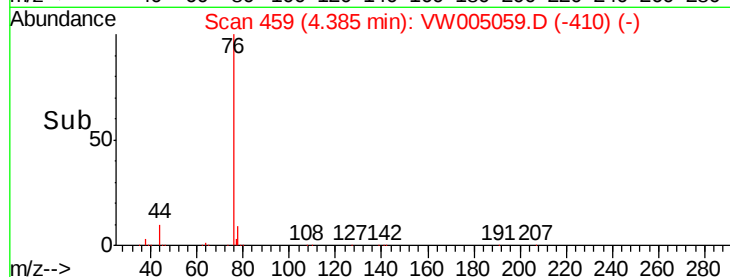
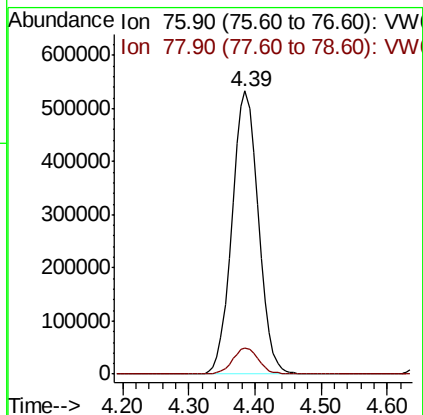
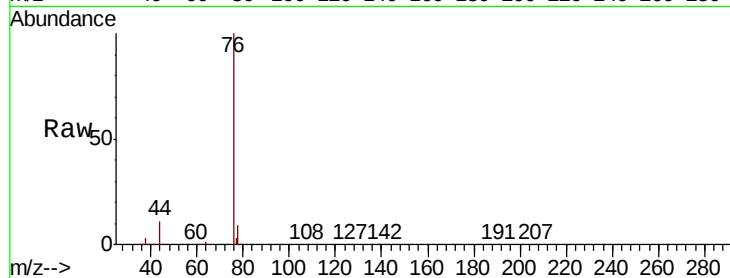
78 9.4 7.3 10.9

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#18

Methyl Acetate

Concen: 114.43 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW005059.D

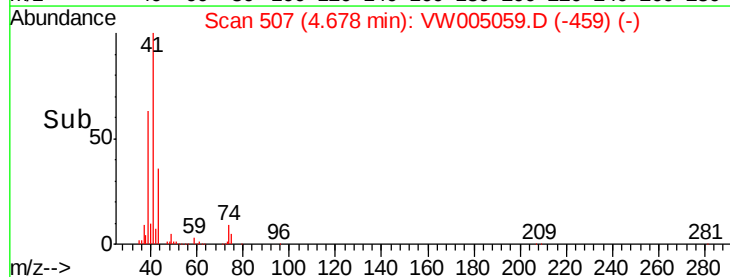
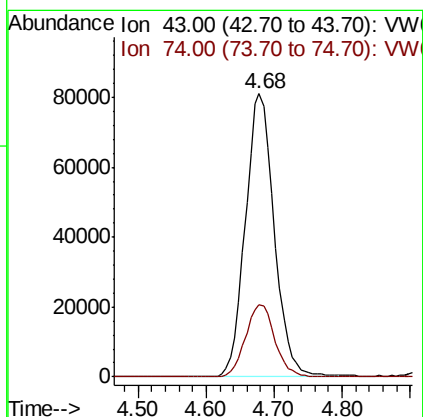
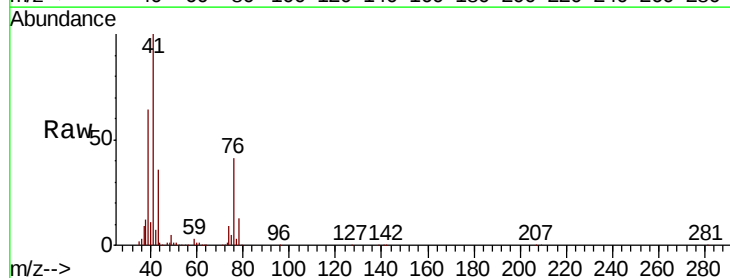
Acq: 01 Sep 2018 01:55

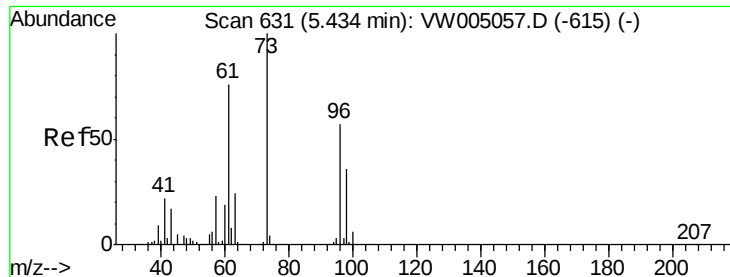
Tgt Ion: 43 Resp: 238979

Ion Ratio Lower Upper

43 100

74 25.8 20.7 31.1





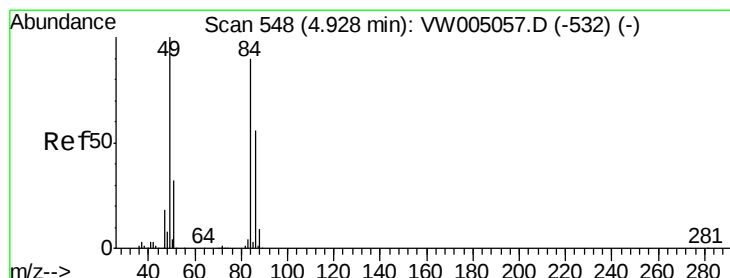
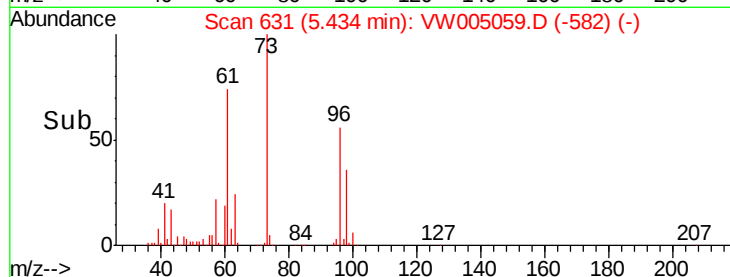
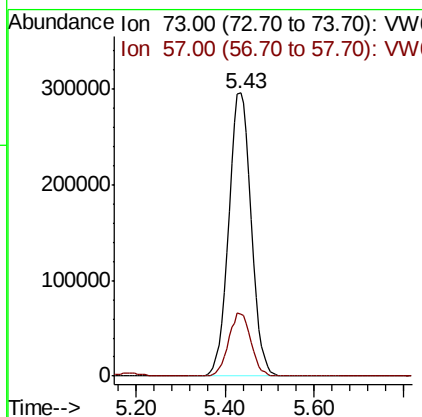
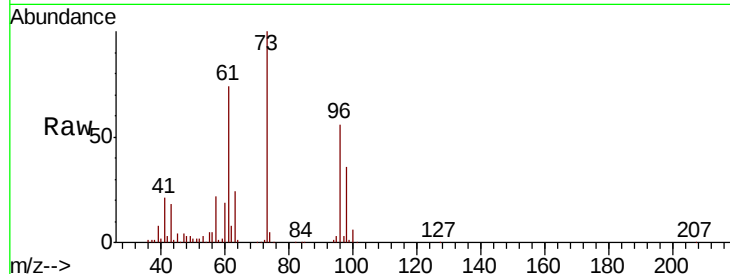
#19
Methvl tert-butvl Ether
Concen: 118.71 ug/l
RT: 5.43 min Scan# 631
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 1036601
Ion Ratio Lower Upper
73 100
57 21.8 18.1 27.1

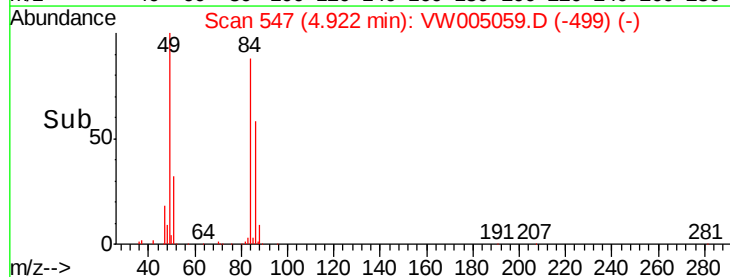
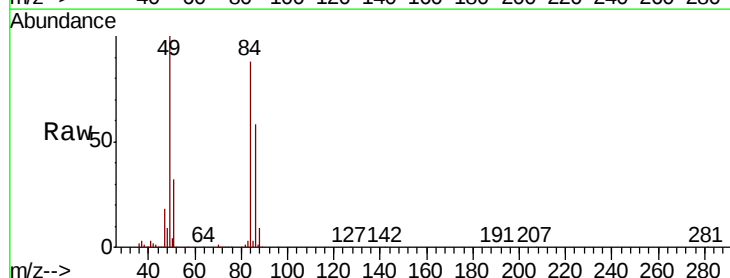
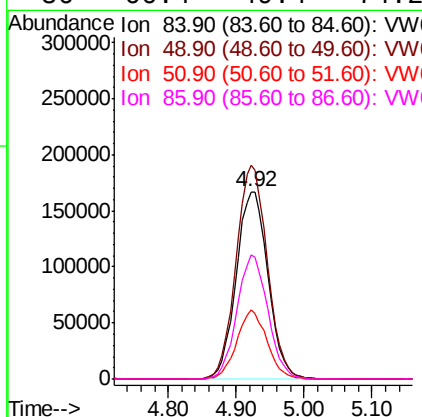
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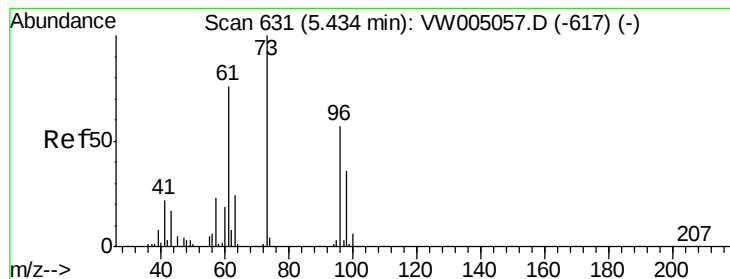
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#20
Methylene Chloride
Concen: 77.30 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion: 84 Resp: 541635
Ion Ratio Lower Upper
84 100
49 114.1 88.7 133.1
51 36.6 28.6 42.8
86 66.4 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 112.88 ug/l

RT: 5.43 min Scan# 631

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

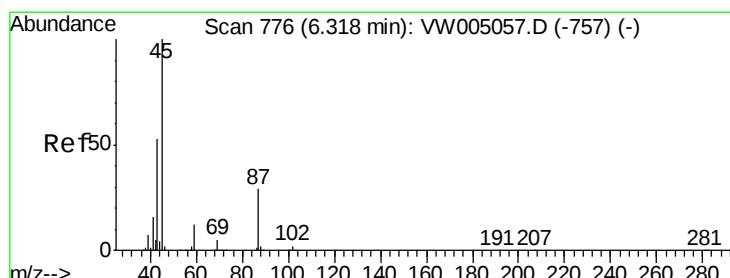
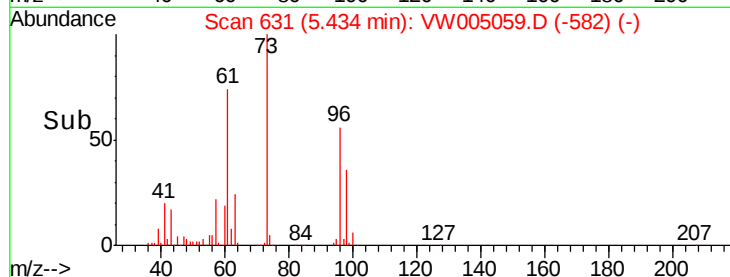
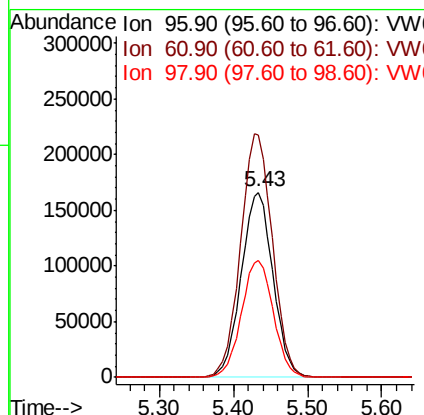
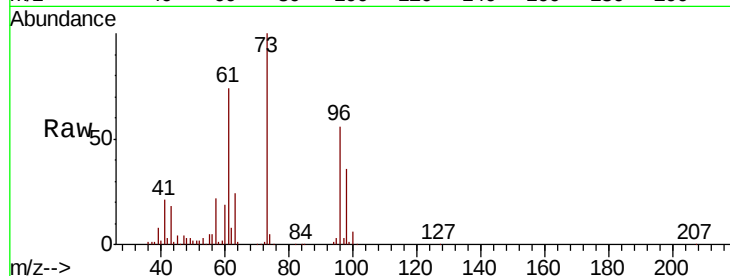
ClientSampled :

VSTDICC100

Tot Ion:	96	Resp:	496781
Ion	Ratio	Lower	Upper
96	100		
61	131.2	106.3	159.5
98	63.5	50.9	76.3

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#22

Diisopropyl ether

Concen: 113.76 ug/l

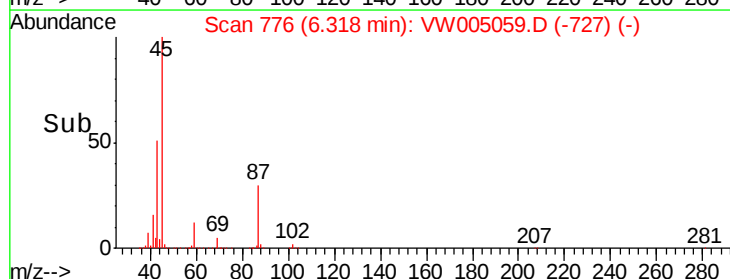
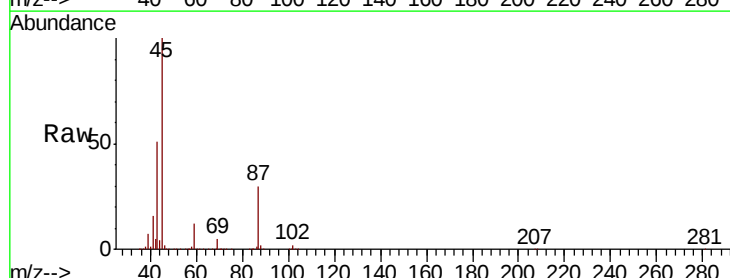
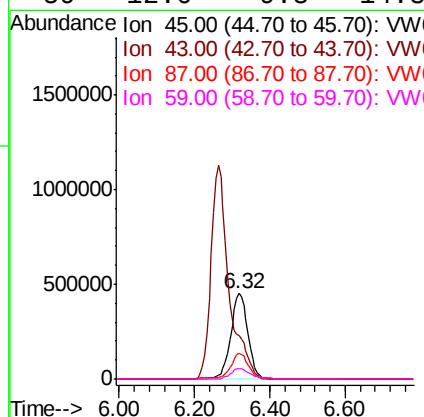
RT: 6.32 min Scan# 776

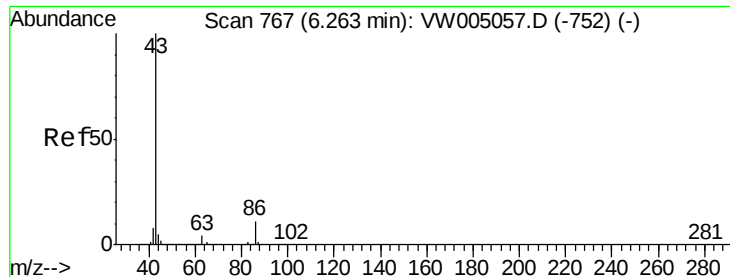
Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Tgt Ion:	45	Resp:	1430055
Ion	Ratio	Lower	Upper
45	100		
43	50.5	42.6	63.8
87	29.7	23.6	35.4
59	12.0	9.8	14.8





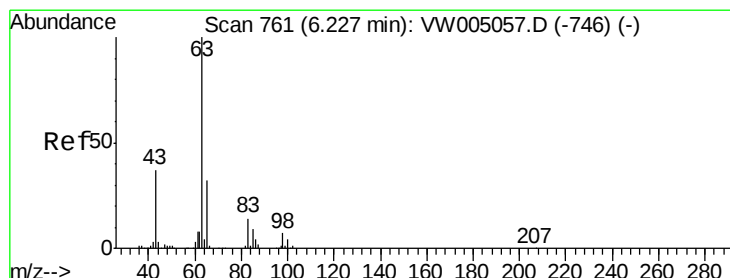
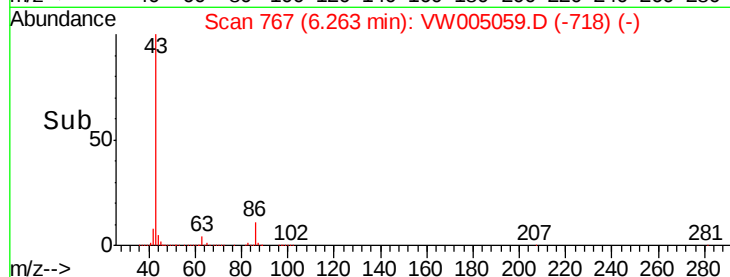
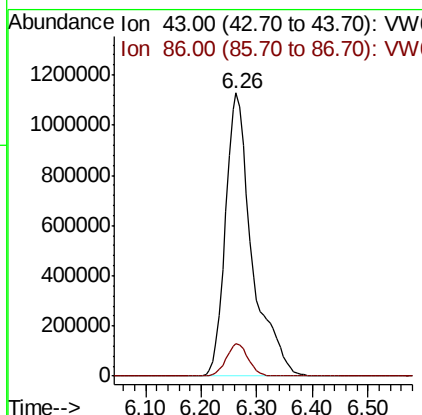
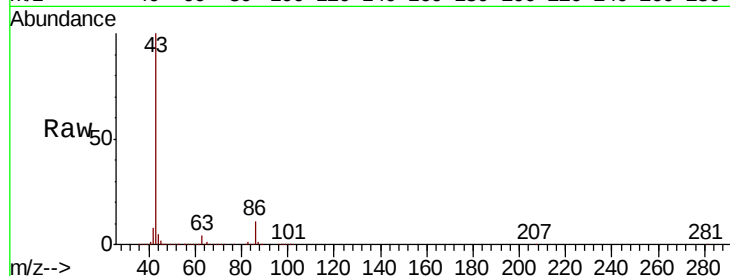
#23
 Vinyl Acetate
 Concen: 576.12 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 3728410
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.0 13.4

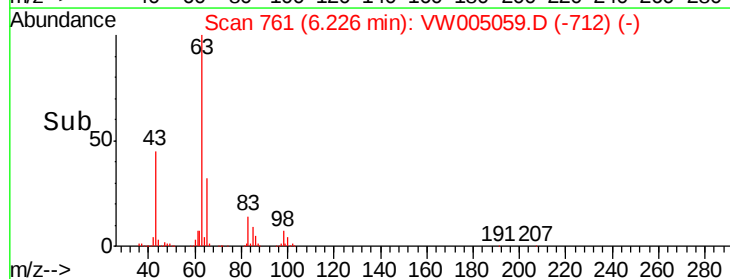
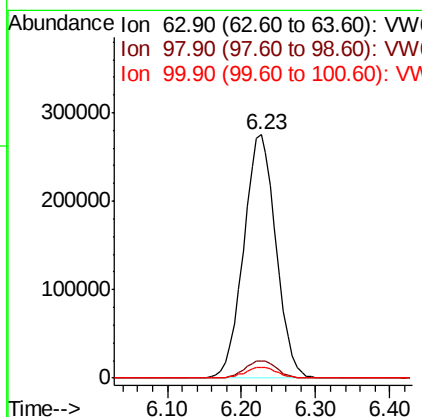
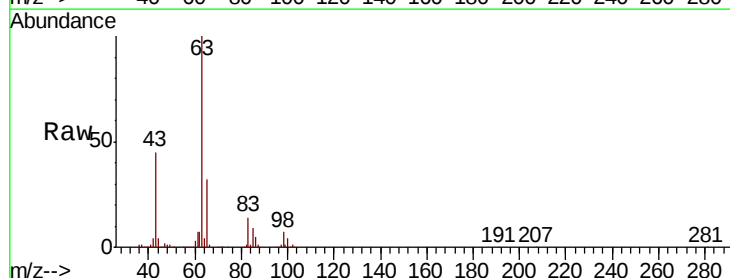
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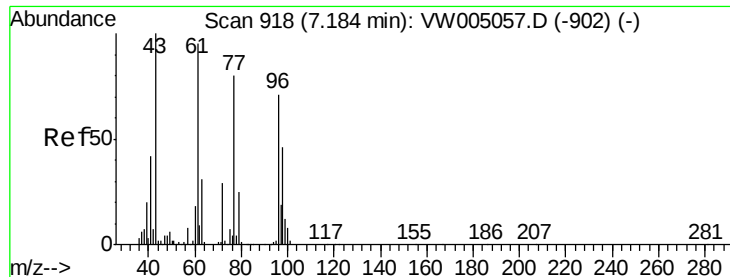
apatel
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#24
 1,1-Dichloroethane
 Concen: 108.94 ug/l
 RT: 6.23 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion: 63 Resp: 833821
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 512.21 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 678290

Ion Ratio Lower Upper

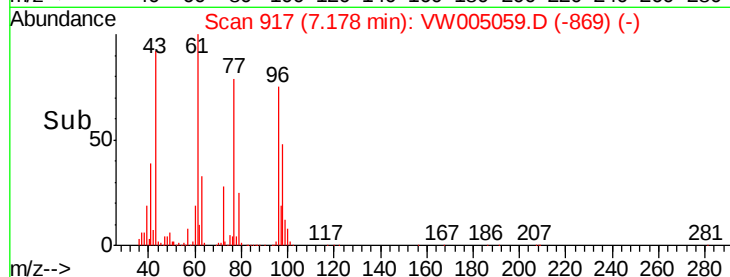
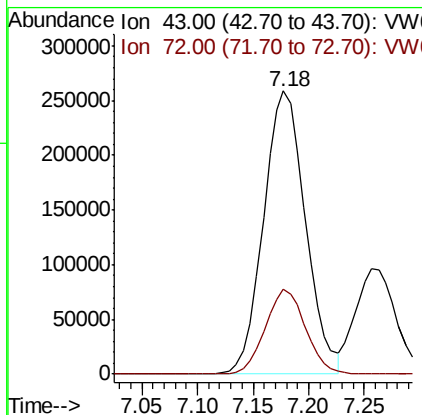
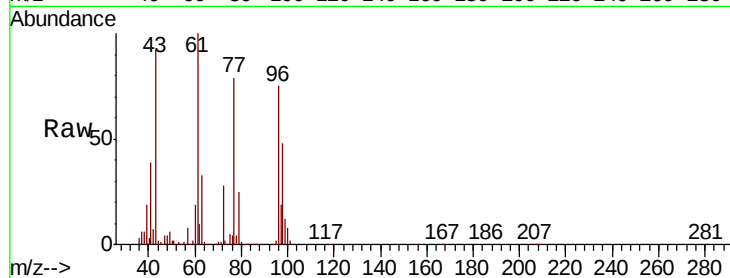
43 100

72 30.2 23.1 34.7

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 96.57 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW005059.D

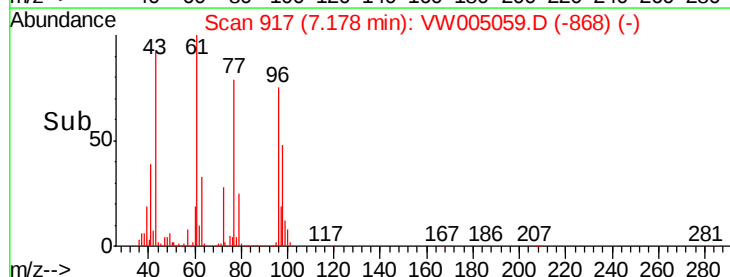
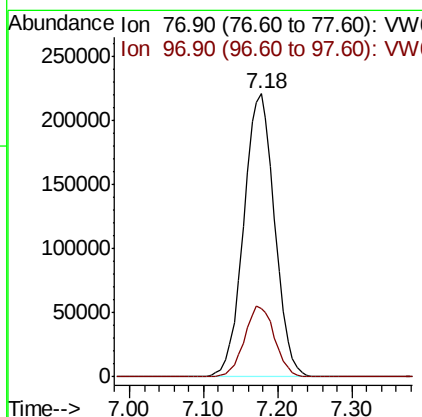
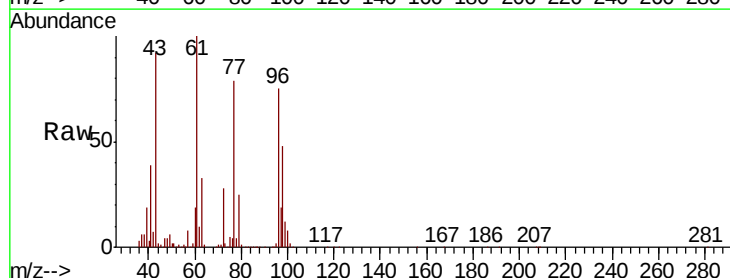
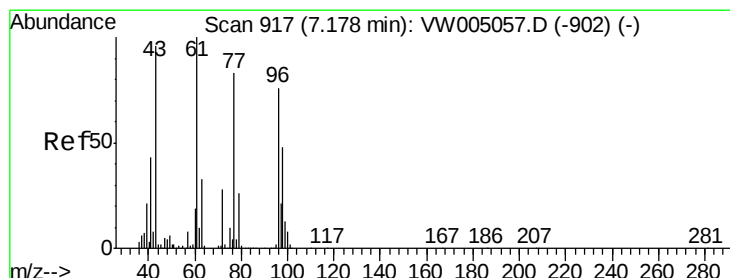
Acq: 01 Sep 2018 01:55

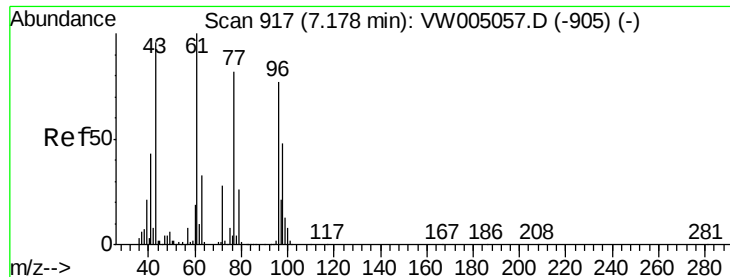
Tgt Ion: 77 Resp: 641734

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.6





#27

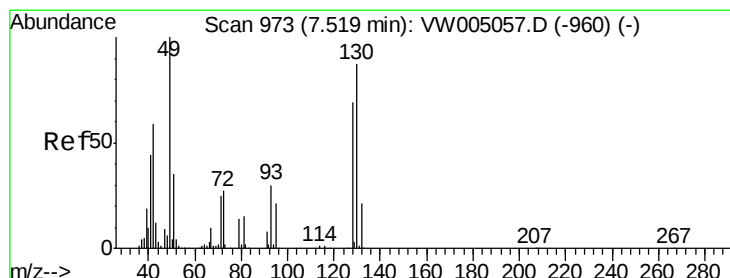
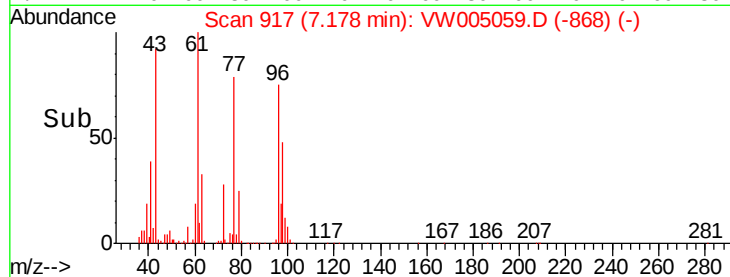
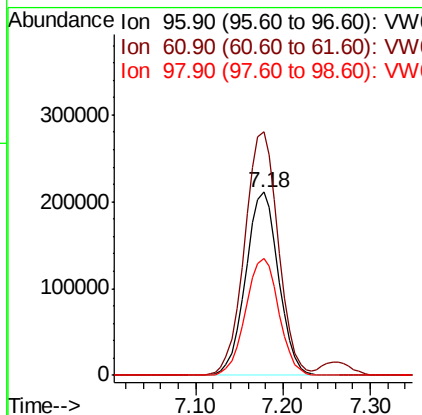
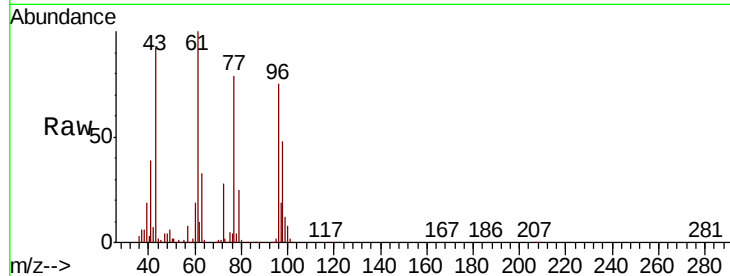
cis-1,2-Dichloroethene
 Concen: 114.26 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	549838		
61	136.4		0.0	273.2
98	64.7		0.0	127.8

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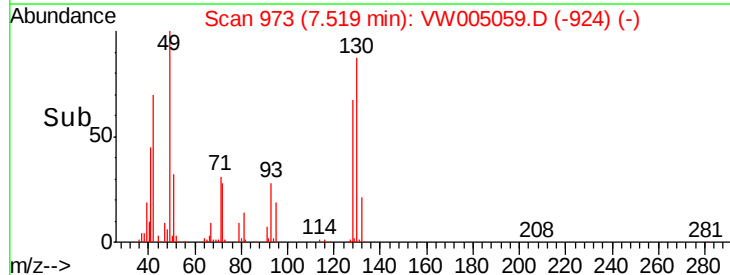
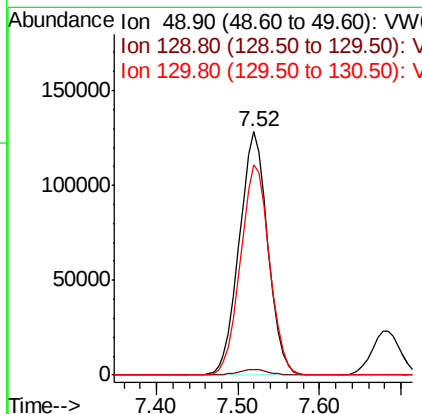
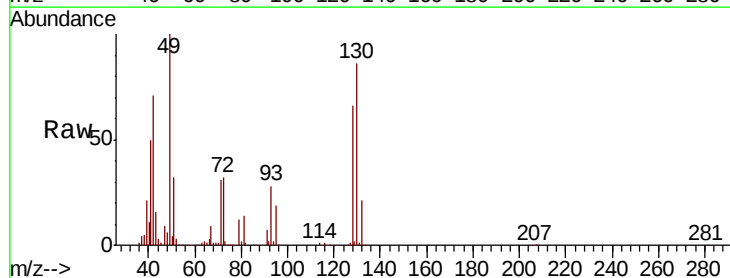
apatel
 9/4/2018 9:37:12 AM

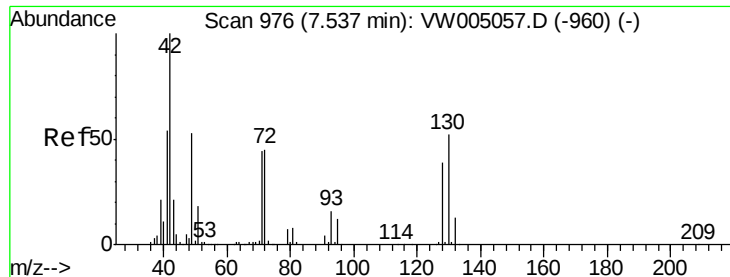


#28

Bromochloromethane
 Concen: 94.39 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	310860		
129	2.4		0.0	4.4
130	87.9		69.6	104.4





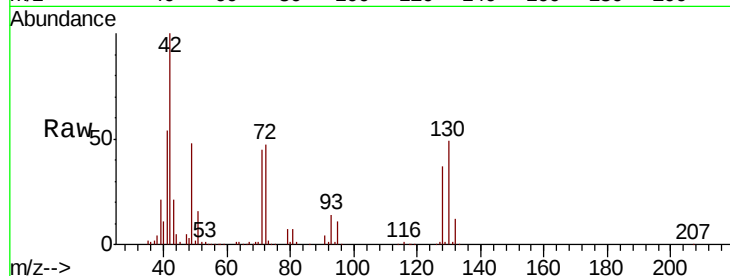
#29
Tetrahydrofuran
Concen: 547.91 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

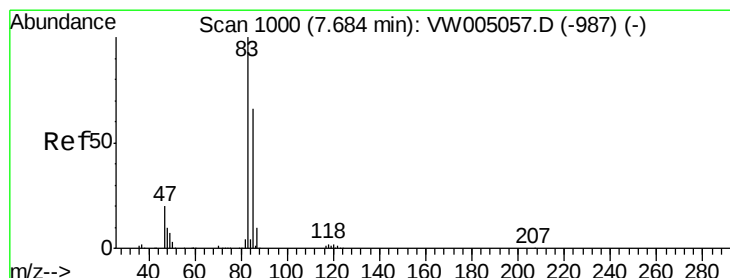
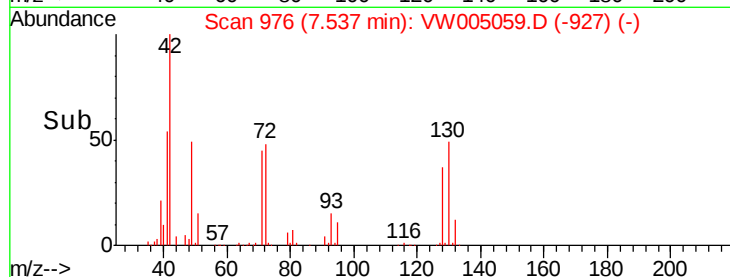
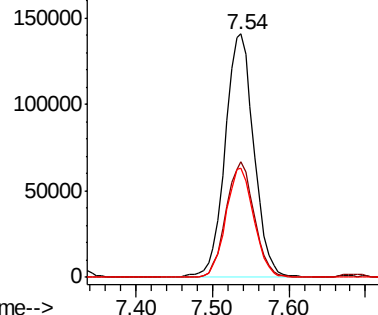
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	37.0	55.4
71	43.5	35.0	52.6

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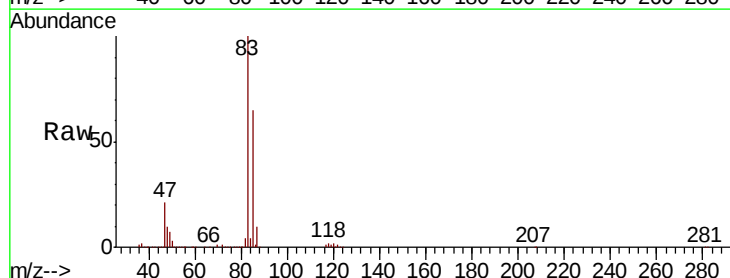


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

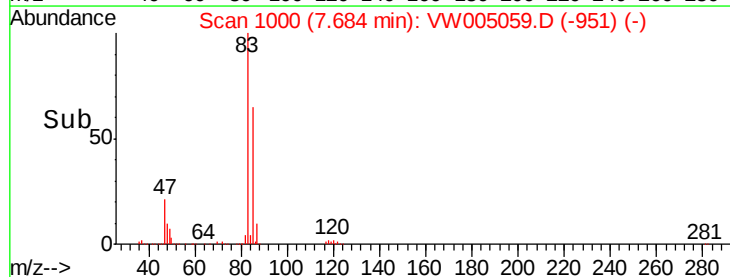
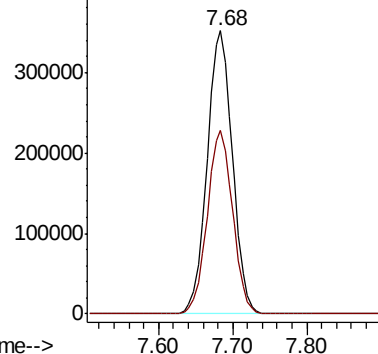


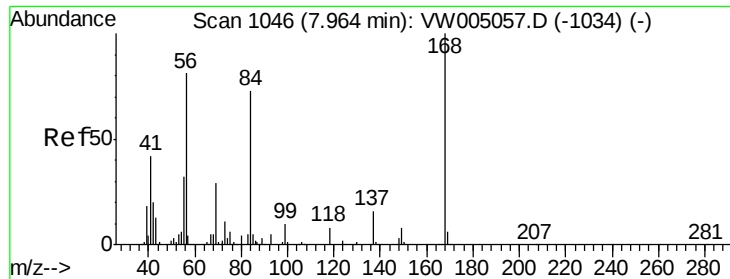
#30
Chloroform
Concen: 110.36 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.1	79.7



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 101.32 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

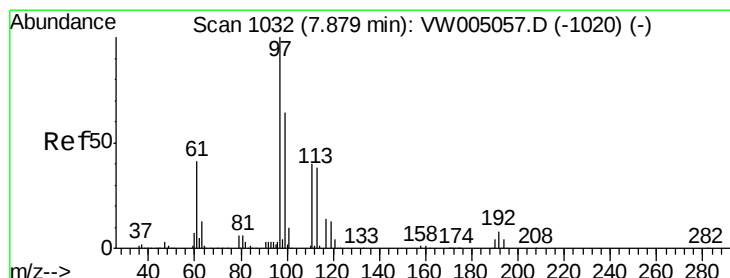
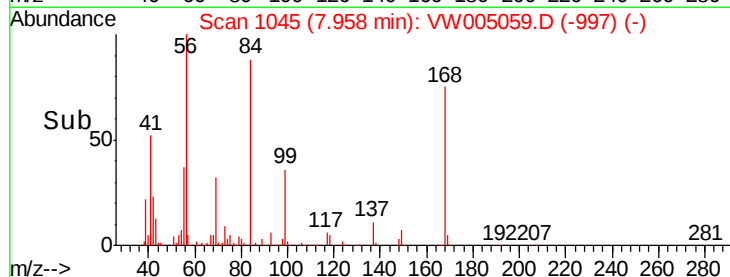
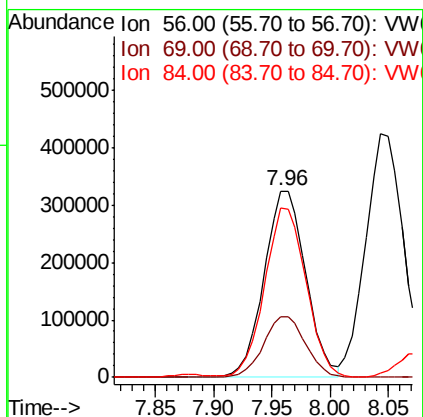
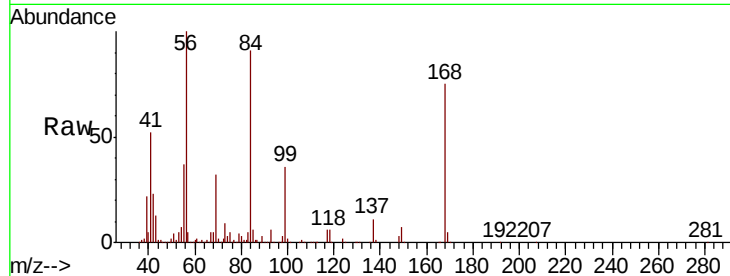
ClientSampleId :

VSTDIC100

Tot Ion:	56	Resp:	807007
Ion Ratio	Lower	Upper	
56	100		
69	32.4	28.2	42.2
84	89.3	71.8	107.8

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#32

1,1,1-Trichloroethane

Concen: 104.34 ug/l

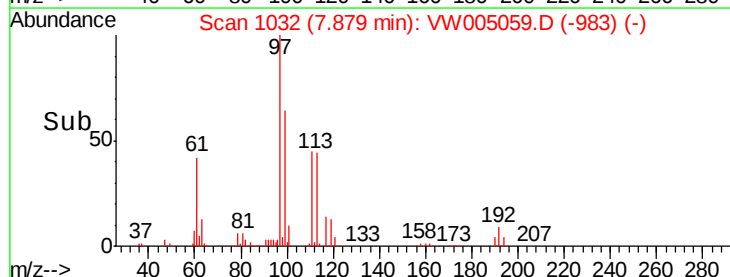
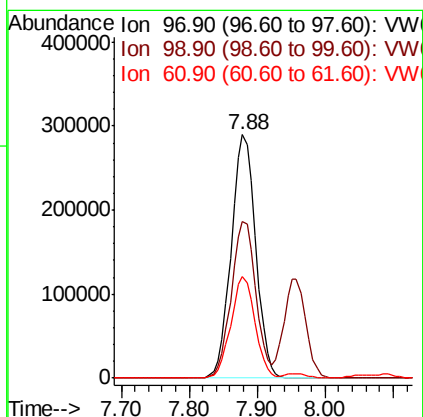
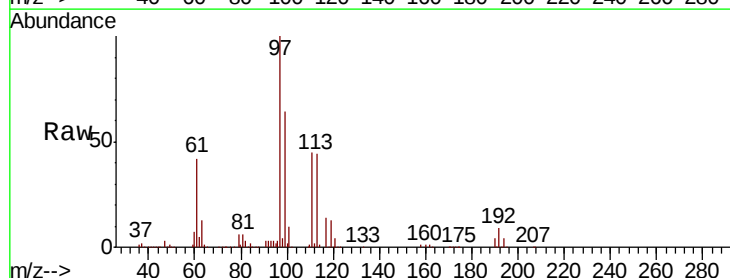
RT: 7.88 min Scan# 1032

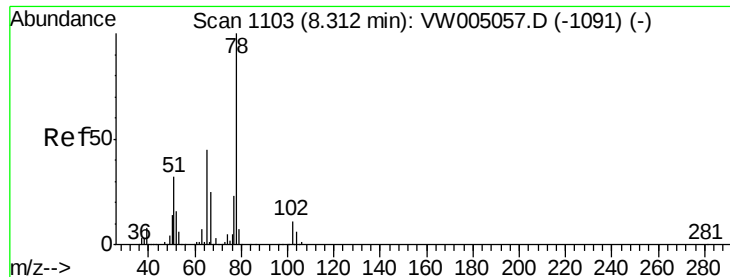
Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Tgt Ion:	97	Resp:	720644
Ion Ratio	Lower	Upper	
97	100		
99	65.1	51.8	77.8
61	41.4	33.2	49.8





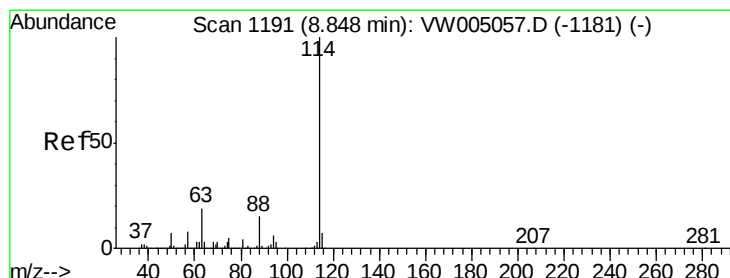
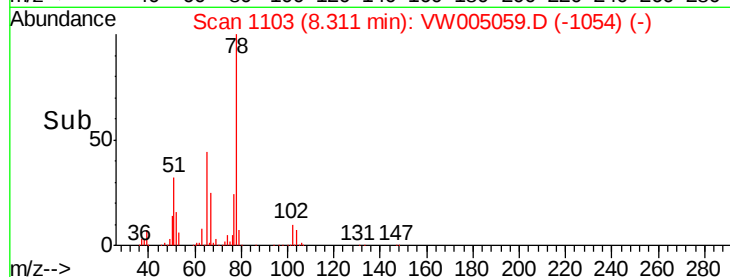
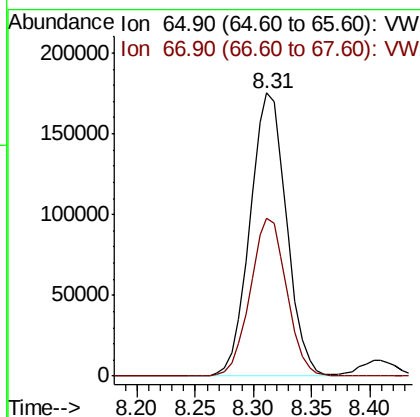
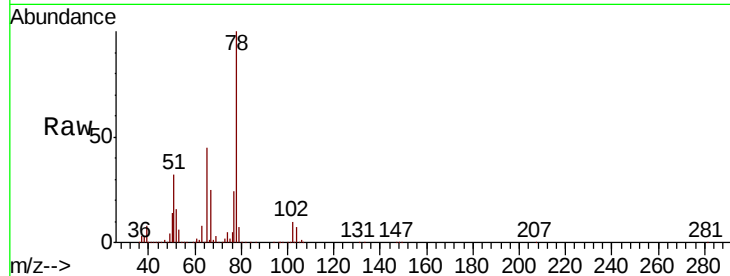
#33
 1,2-Dichloroethane-d4
 Concen: 101.98 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.5	0.0	109.4	

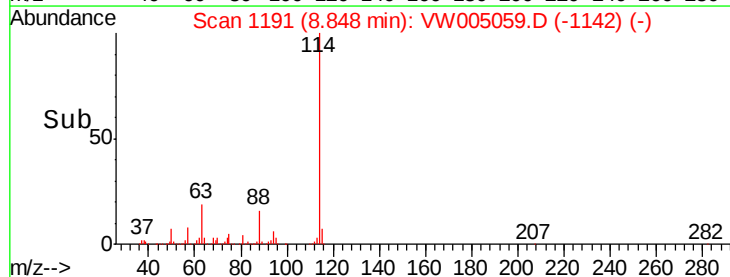
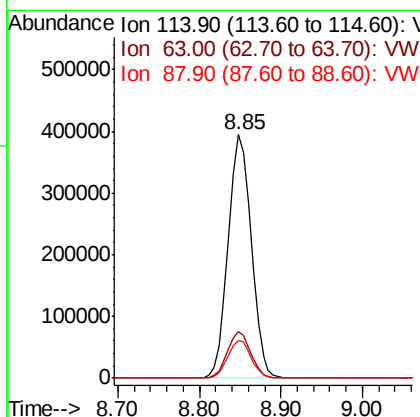
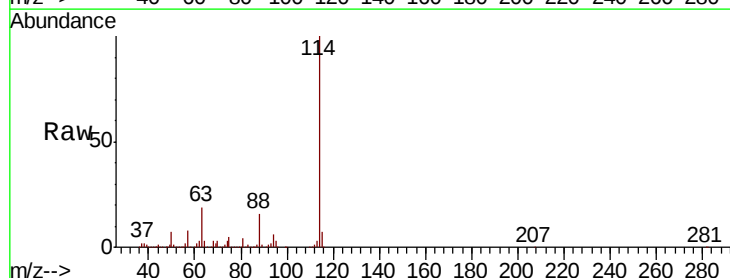
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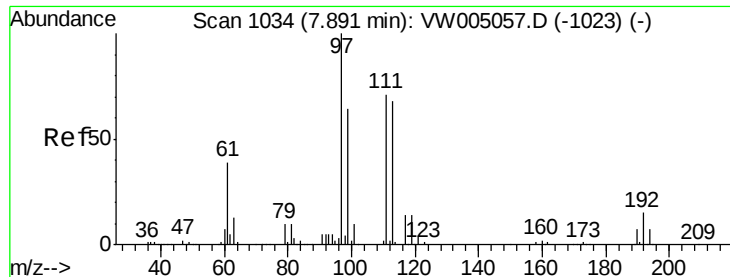
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.0	0.0	38.0	
88	15.6	0.0	30.2	





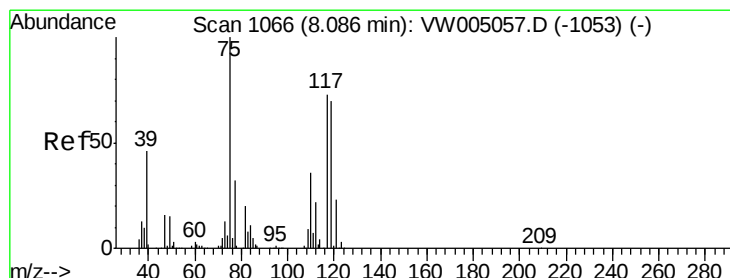
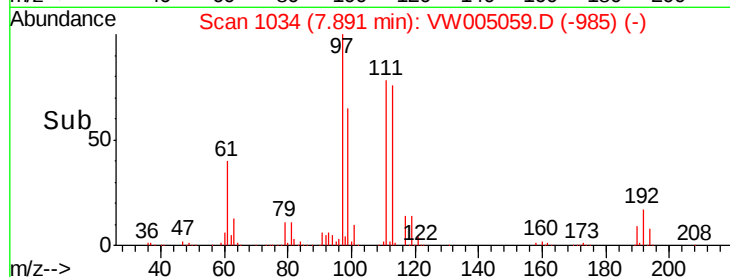
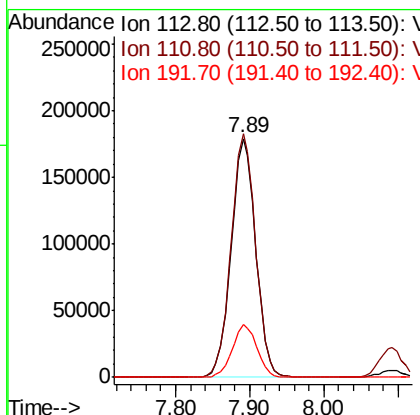
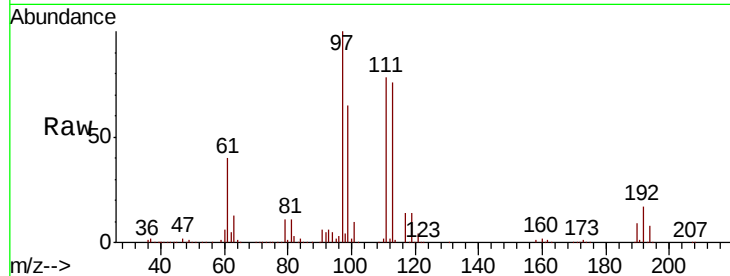
#35
Dibromofluoromethane
Concen: 105.01 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	412452		
111	102.0	82.2	123.2	
192	22.1	18.1	27.1	

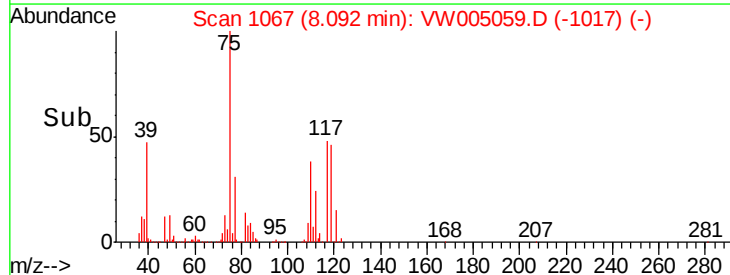
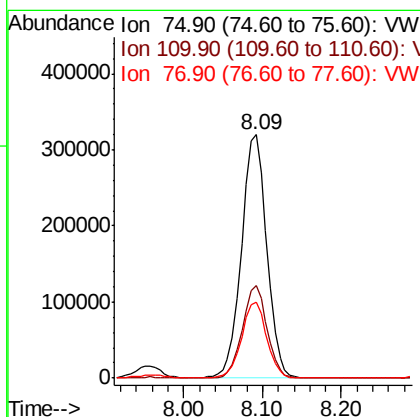
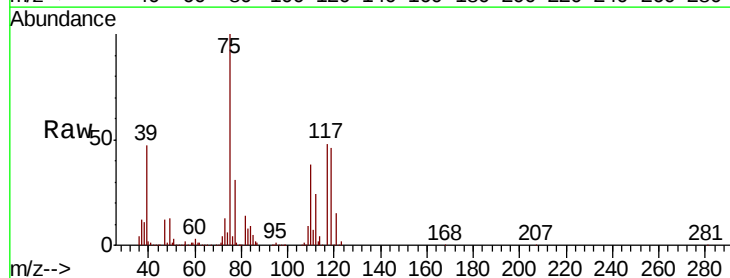
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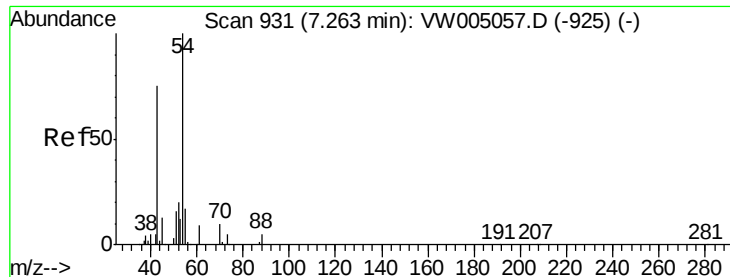
apatel
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#36
1,1-Dichloropropene
Concen: 107.27 ug/l
RT: 8.09 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	713240		
110	37.0	18.9	56.7	
77	31.1	25.5	38.3	





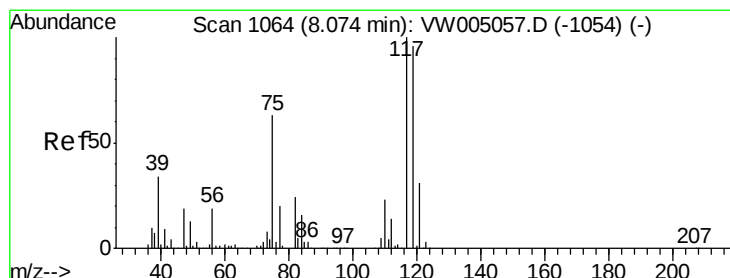
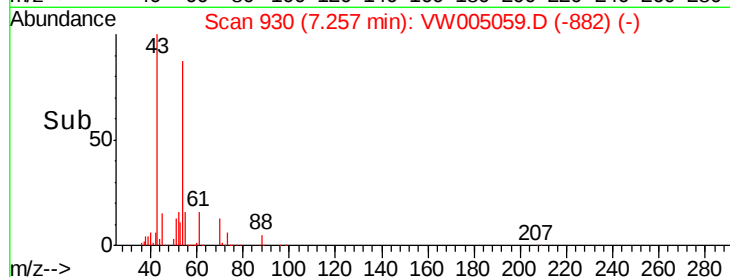
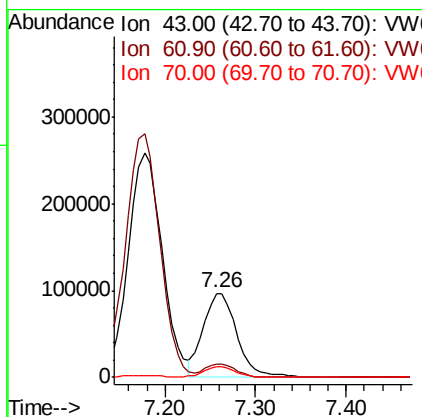
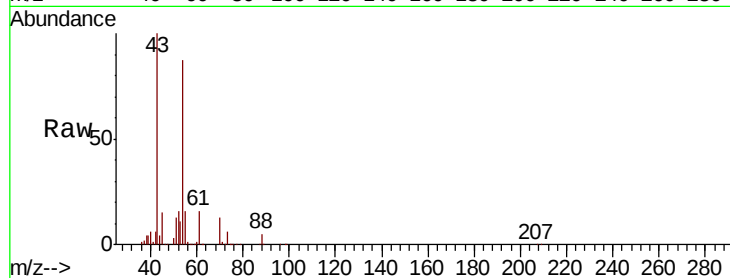
#37
Ethyl Acetate
Concen: 102.83 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:	43	Resp:	250294
Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.1	18.1
70	12.2	9.4	14.2

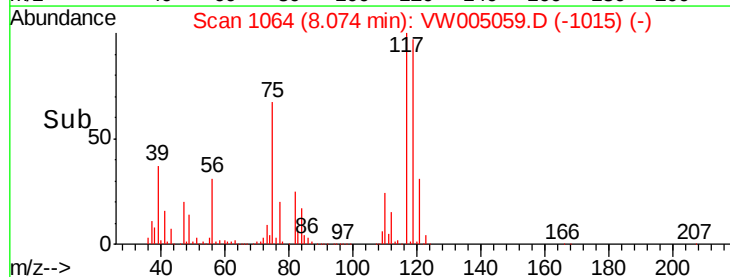
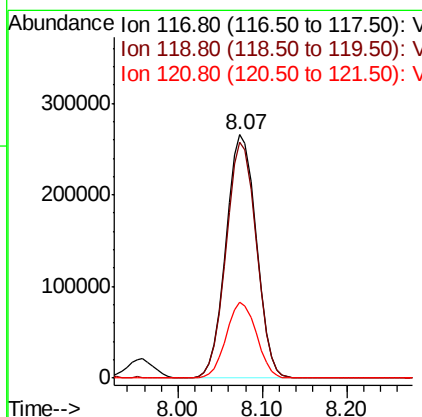
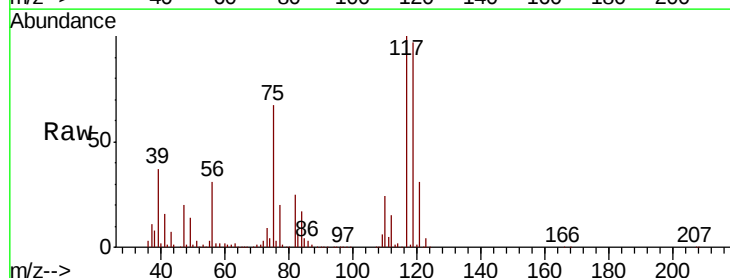
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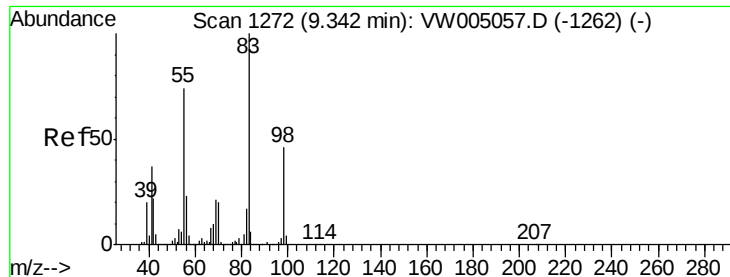
apatel
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#38
Carbon Tetrachloride
Concen: 100.04 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion:	117	Resp:	646809
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.6	115.0
121	31.3	24.8	37.2





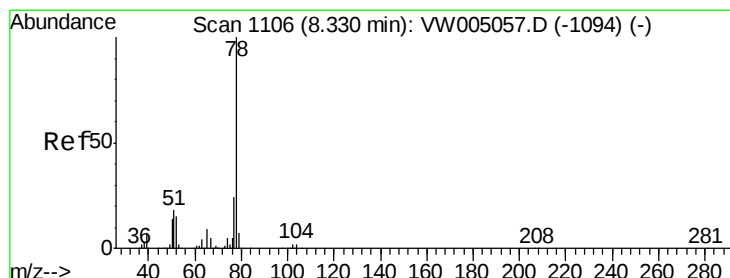
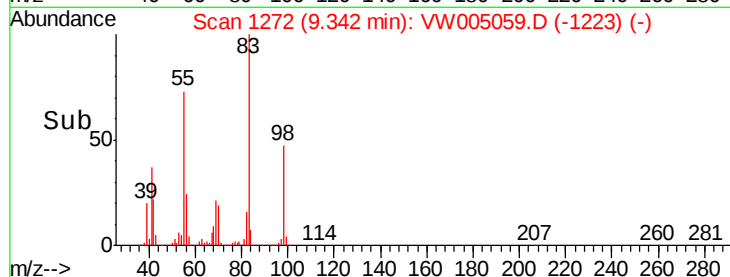
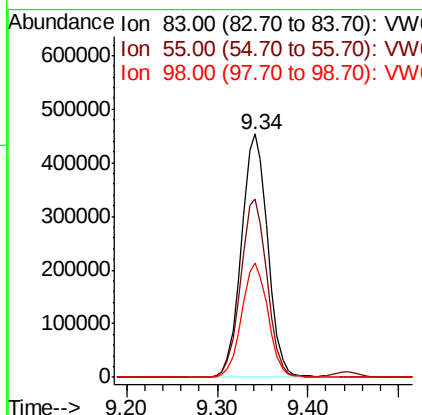
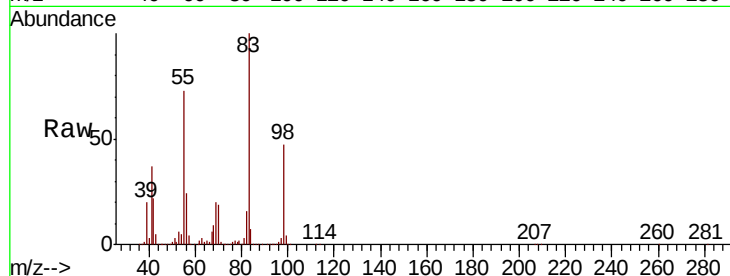
#39
Methvlcvclohexane
Concen: 100.53 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.3	58.9	88.3
98	46.9	36.8	55.2

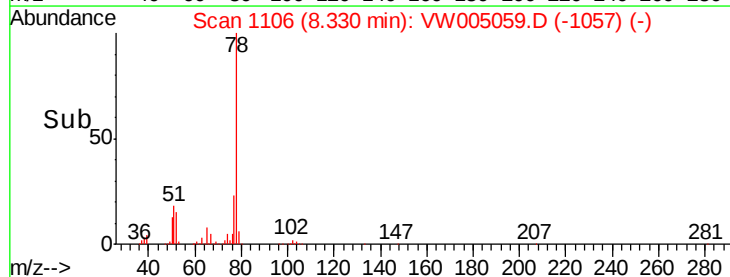
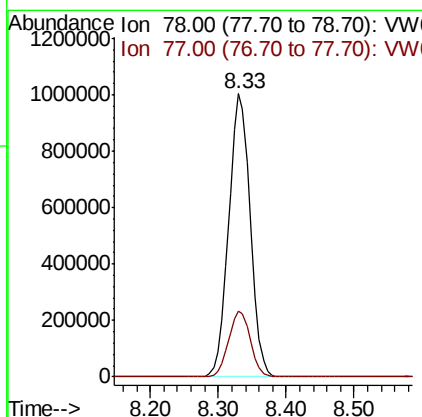
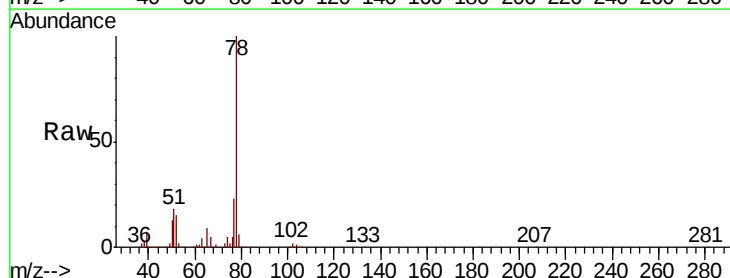
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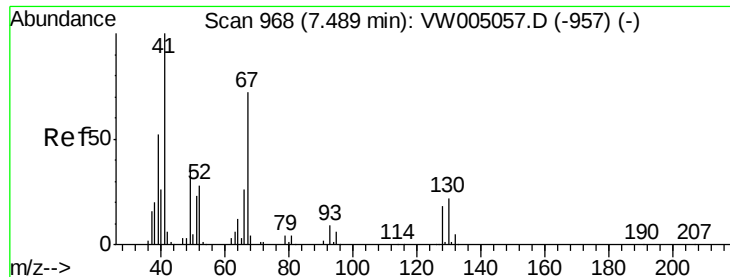
apatel
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#40
Benzene
Concen: 103.34 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0





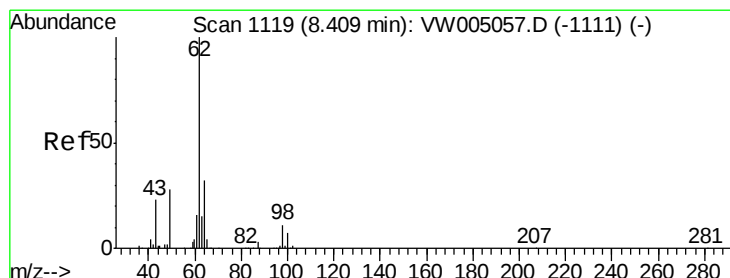
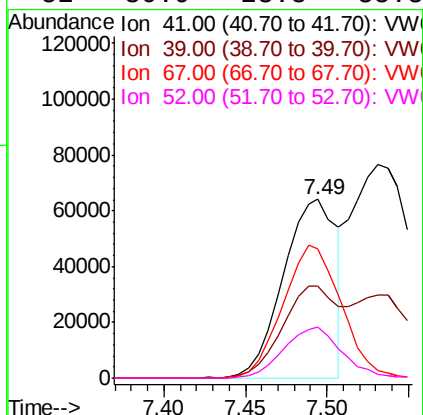
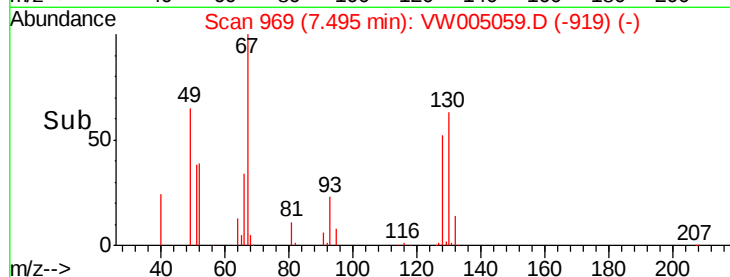
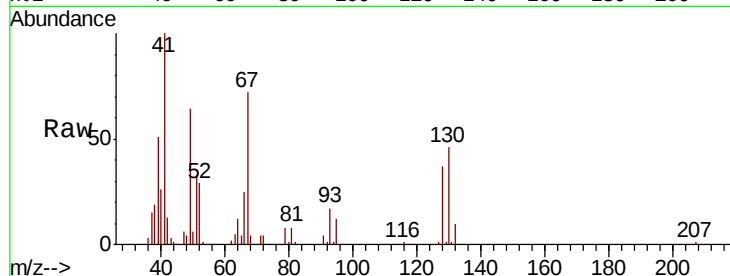
#41
Methacrylonitrile
Concen: 101.91 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.7	41.8	62.8
67	81.5	60.4	90.6
52	30.9	23.8	35.8

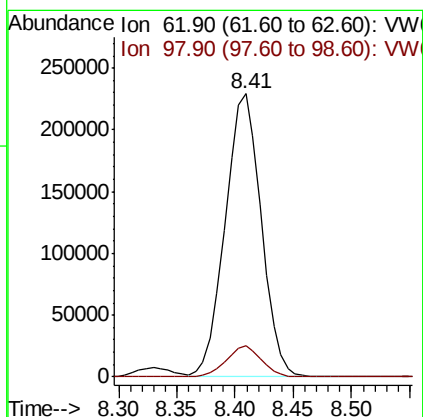
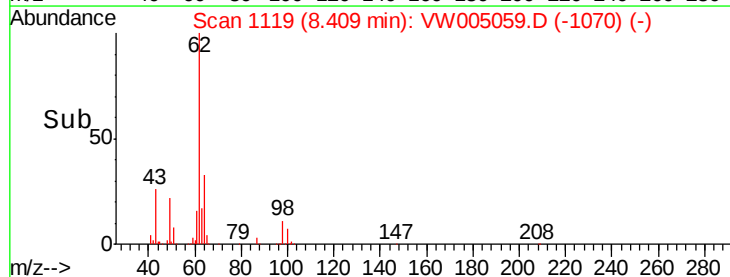
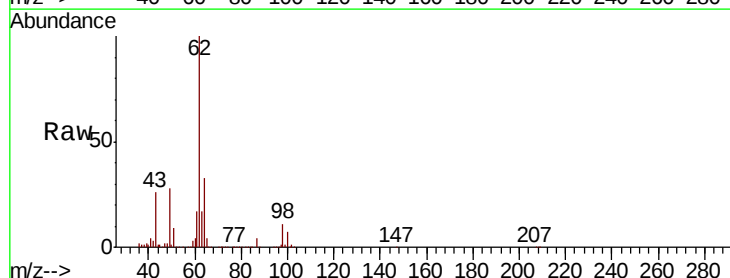
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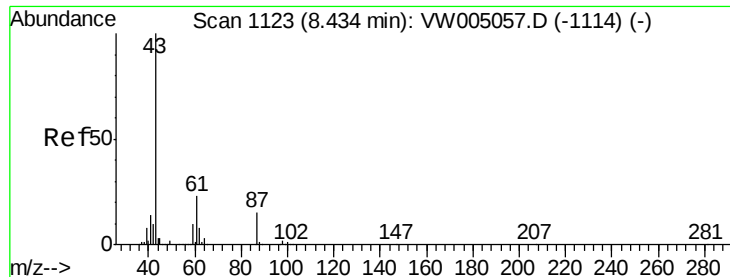
apatel
9/4/2018 9:37:12 AM



#42
1,2-Dichloroethane
Concen: 102.14 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8





#43

Isopropyl Acetate

Concen: 102.57 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

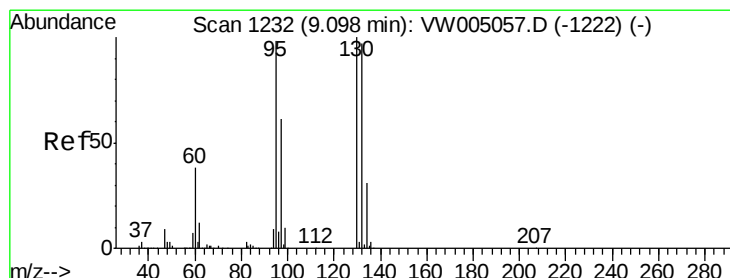
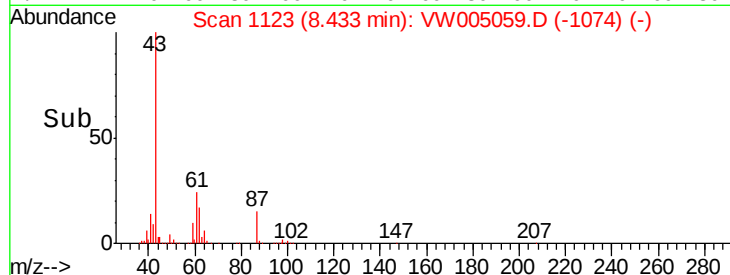
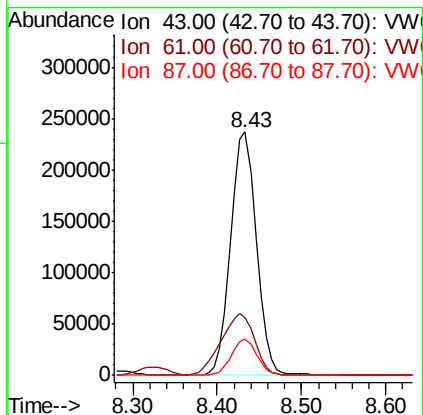
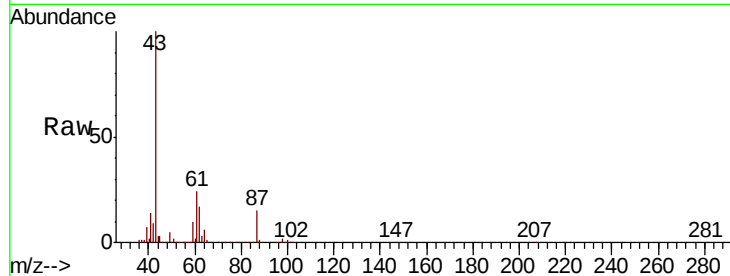
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	488549
Ion	Ratio	Lower	Upper
43	100		
61	33.4	26.8	40.2
87	14.8	11.6	17.4

Manual Integrations
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#44

Trichloroethene

Concen: 106.43 ug/l

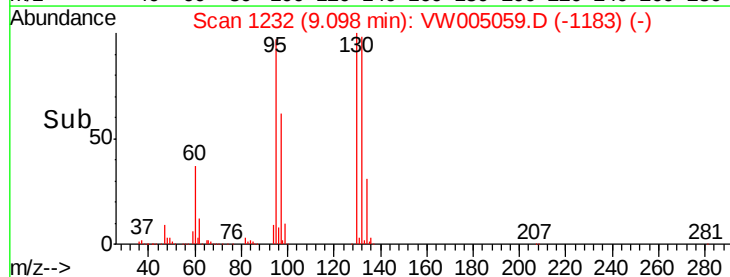
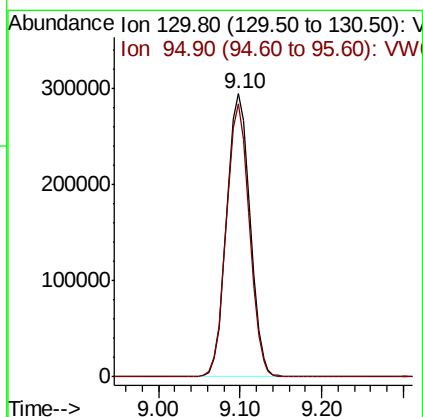
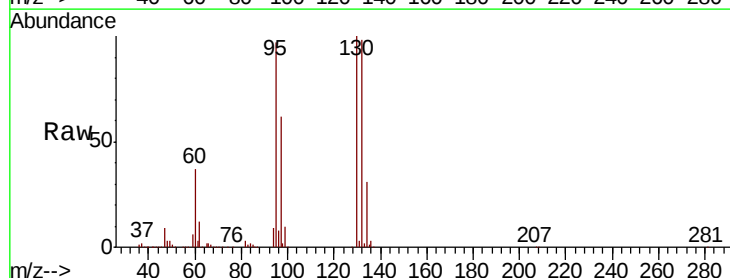
RT: 9.10 min Scan# 1232

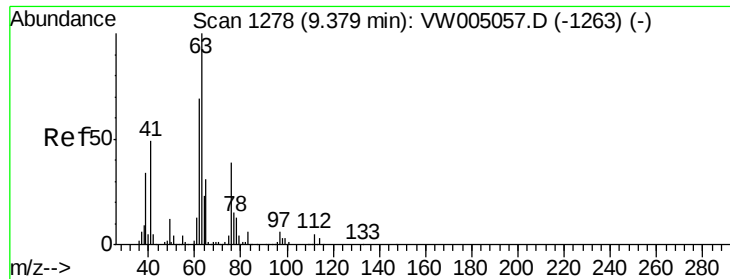
Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Tgt Ion:	130	Resp:	581463
Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	195.2





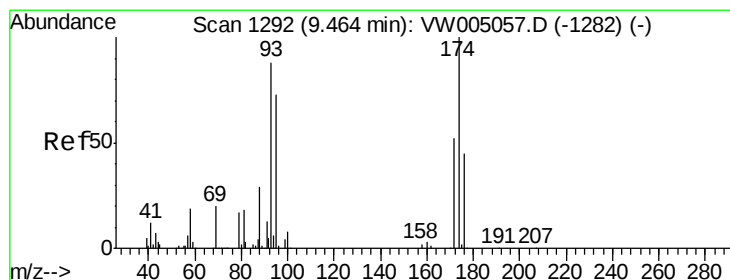
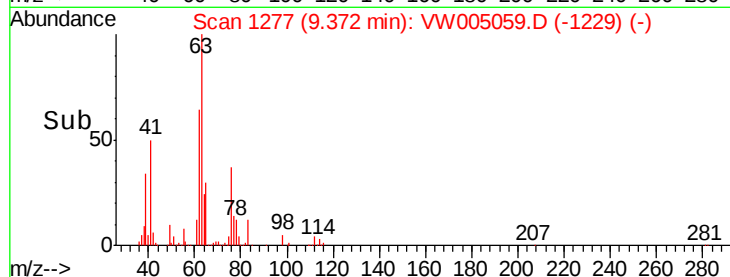
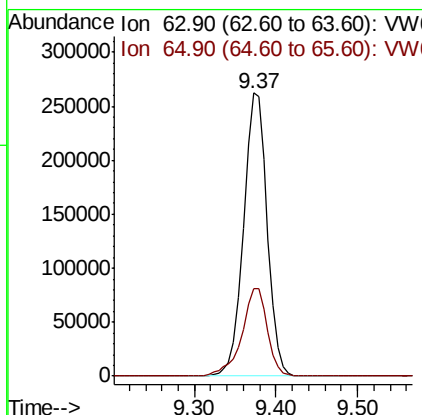
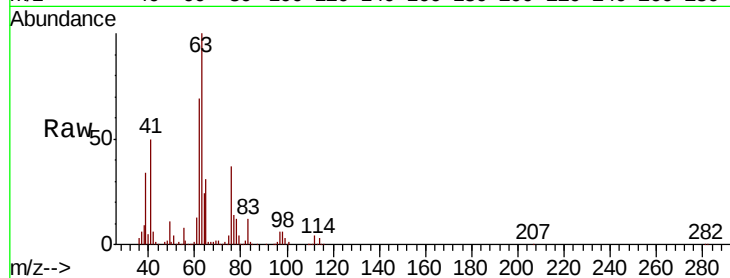
#45
 1,2-Dichloropropane
 Concen: 107.37 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.6	37.0

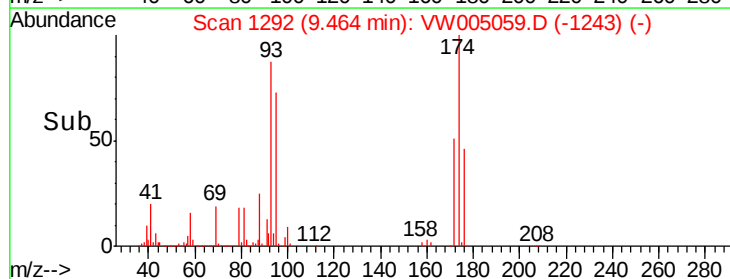
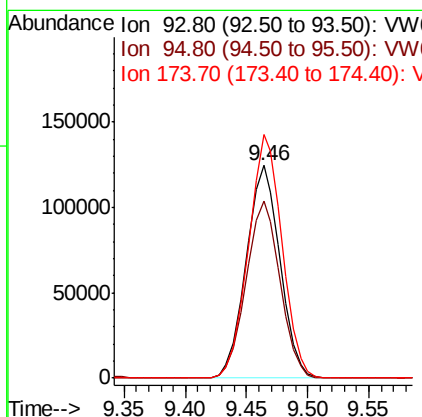
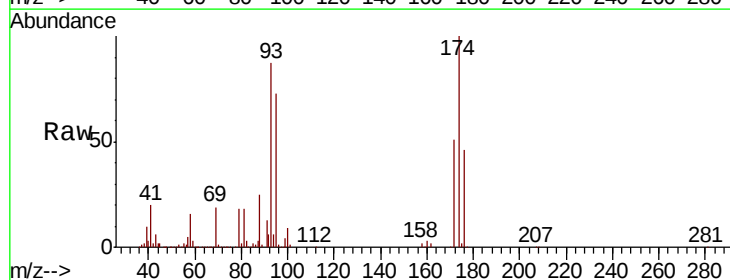
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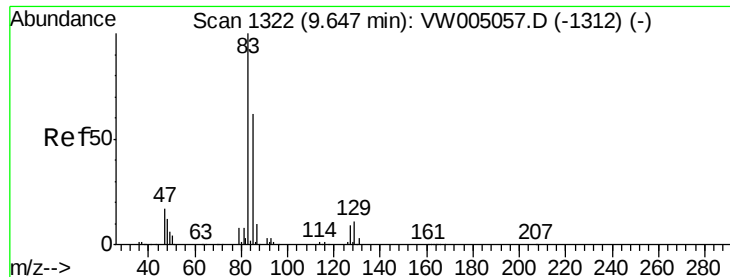
apatel
 9/4/2018 9:37:12 AM



#46
 Dibromomethane
 Concen: 102.23 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.2	99.4
174	113.9	92.0	138.0





#47

Bromodichloromethane

Concen: 106.64 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

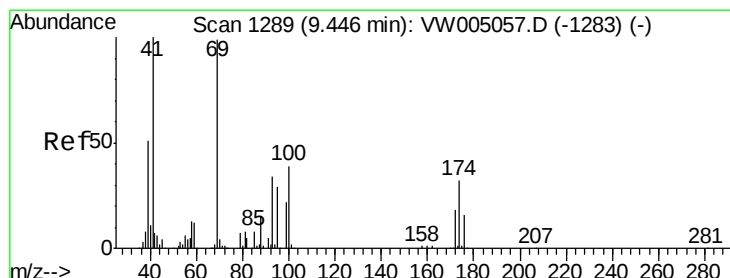
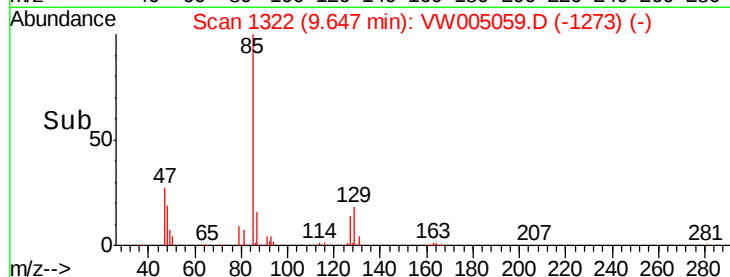
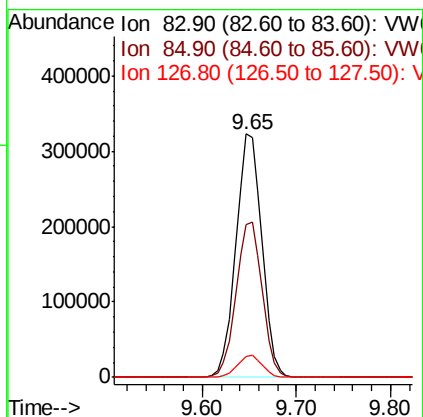
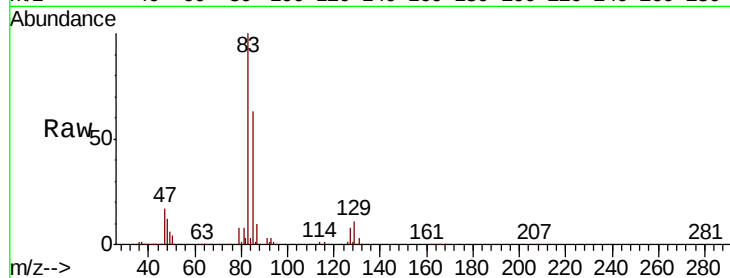
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	617869
Ion	Ratio	Lower	Upper
83	100		
85	62.6	49.8	74.6
127	8.5	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 100.22 ug/l

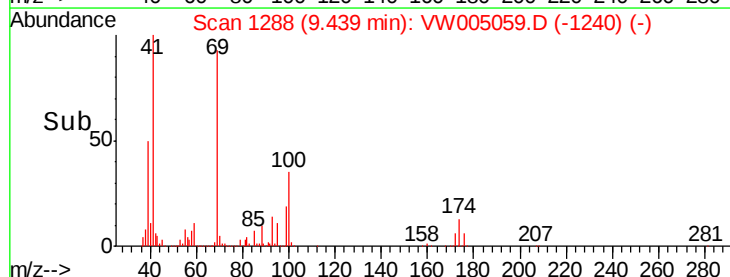
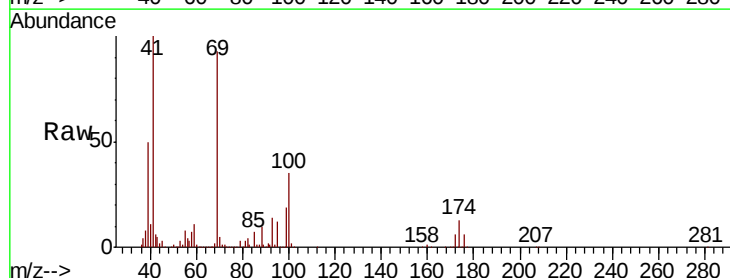
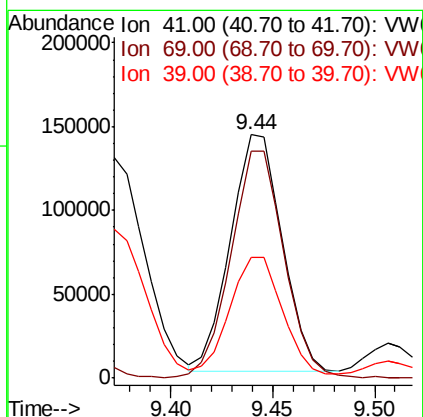
RT: 9.44 min Scan# 1288

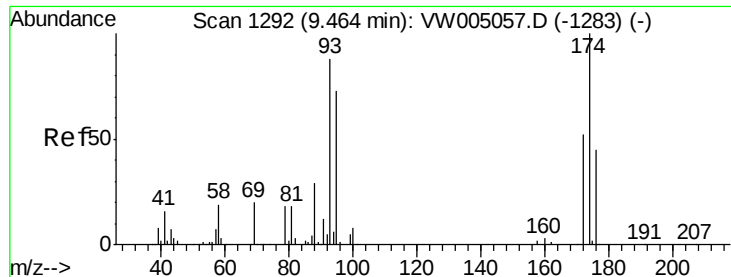
Delta R.T. -0.01 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Tgt Ion:	41	Resp:	247594
Ion	Ratio	Lower	Upper
41	100		
69	99.8	80.4	120.6
39	50.2	43.5	65.3





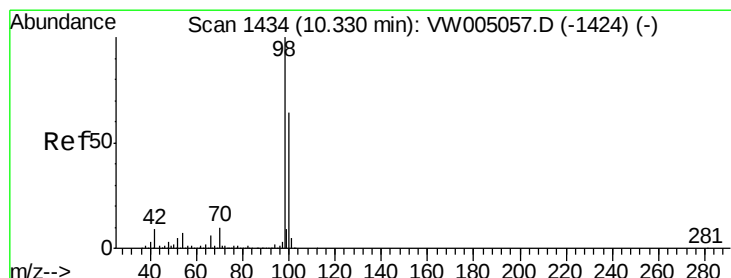
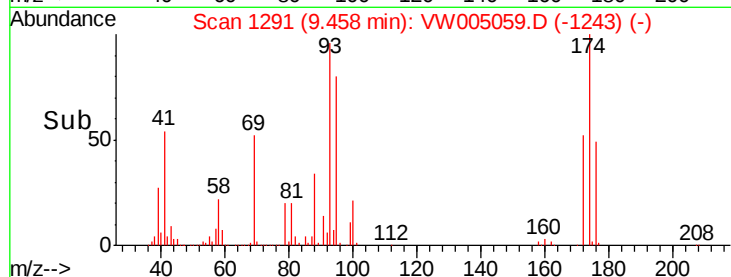
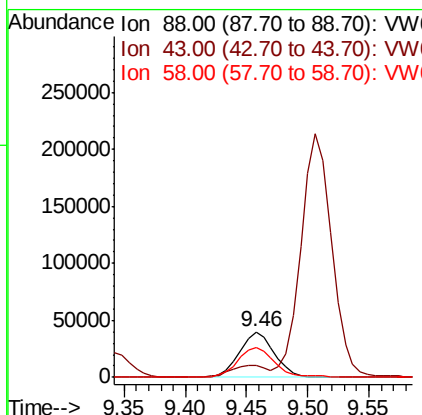
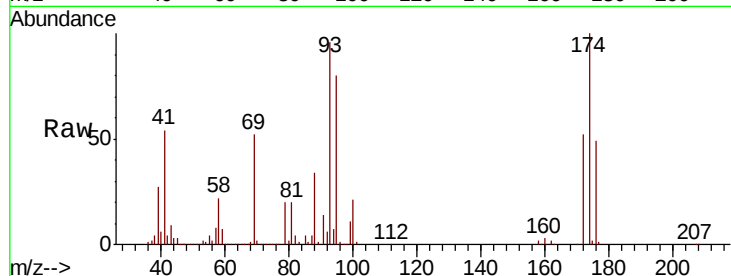
#49
1,4-Dioxane
Concen: 1661.51 ug/l
RT: 9.46 min Scan# 1291
Delta R.T. -0.01 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	88	Resp	78462
Ion Ratio	100	Lower	Upper
88	100		
43	27.0	19.8	29.6
58	69.8	57.1	85.7

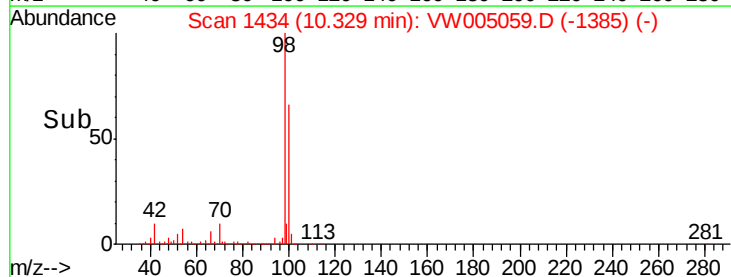
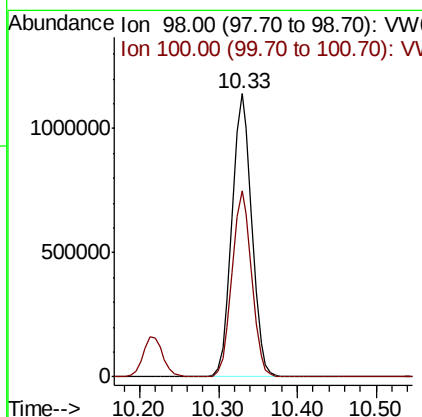
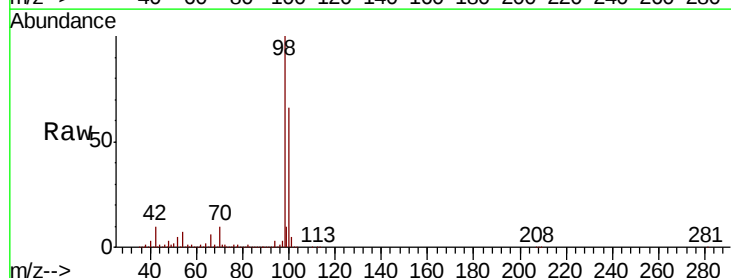
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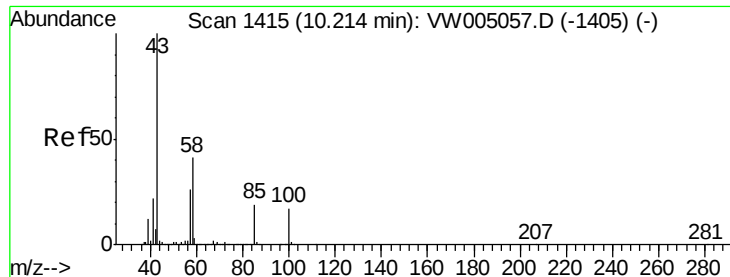
apatel
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#50
Toluene-d8
Concen: 94.50 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion	98	Resp	1991081
Ion Ratio	100	Lower	Upper
98	100		
100	65.3	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 469.49 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 1652085

Ion Ratio Lower Upper

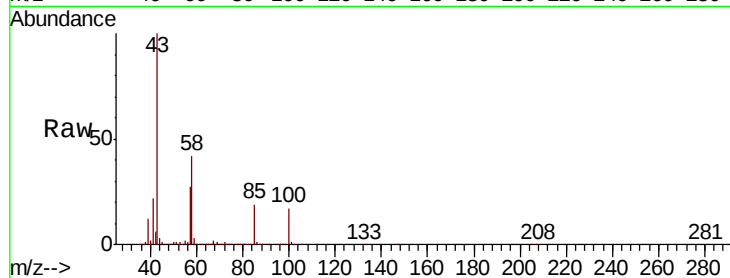
43 100

58 42.2 33.3 49.9

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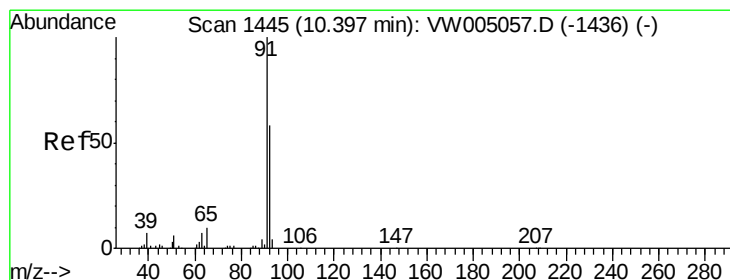
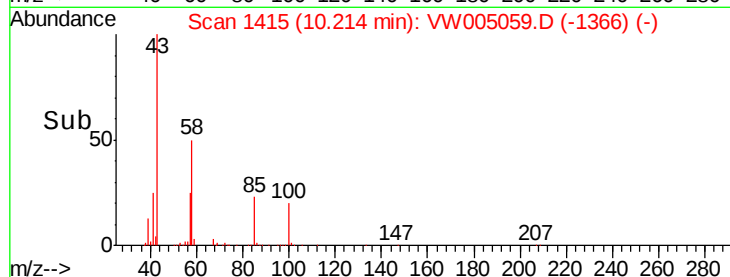
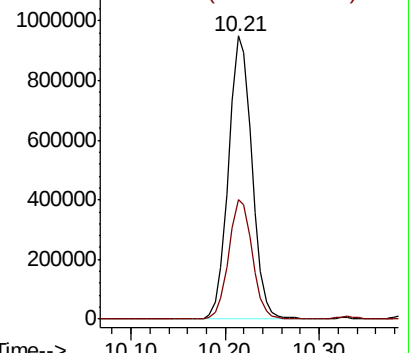
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 96.90 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW005059.D

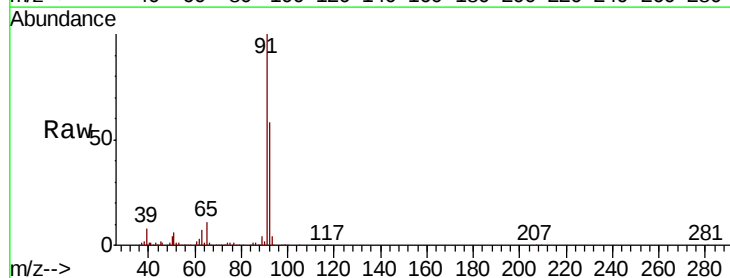
Acq: 01 Sep 2018 01:55

Tgt Ion: 92 Resp: 1520032

Ion Ratio Lower Upper

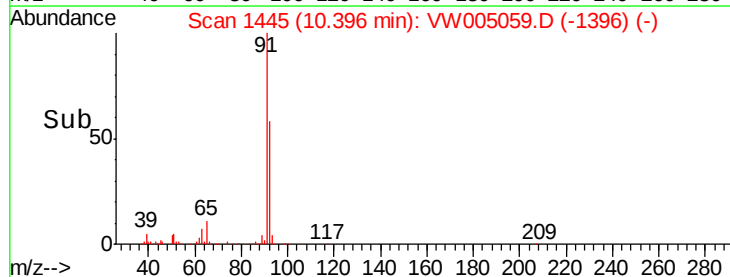
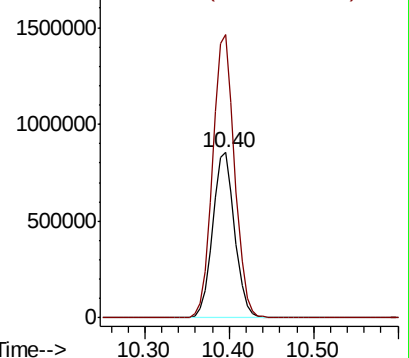
92 100

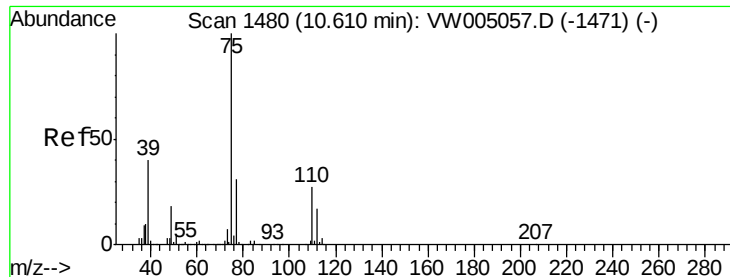
91 171.2 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 109.40 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 663943

Ion Ratio Lower Upper

75 100

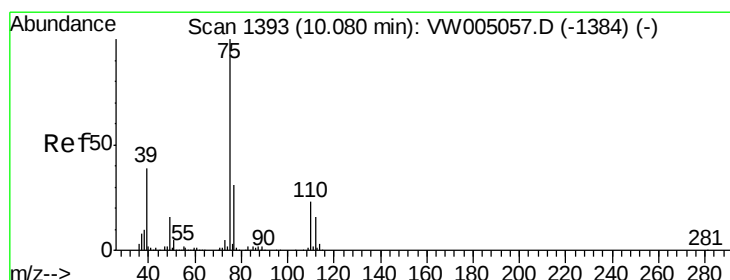
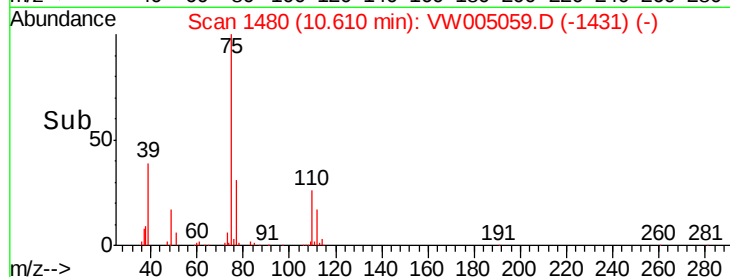
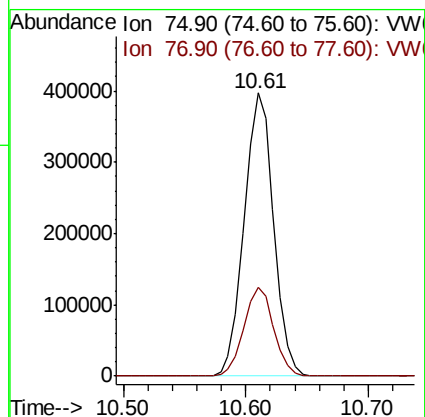
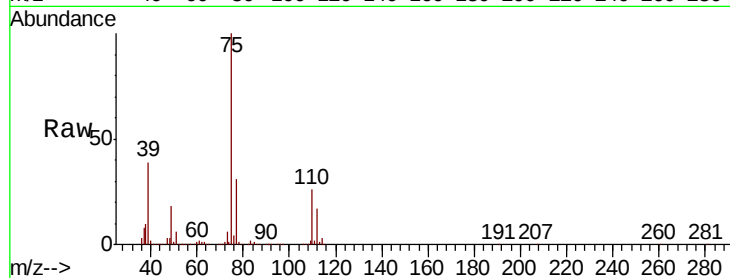
77 31.1 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 111.00 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

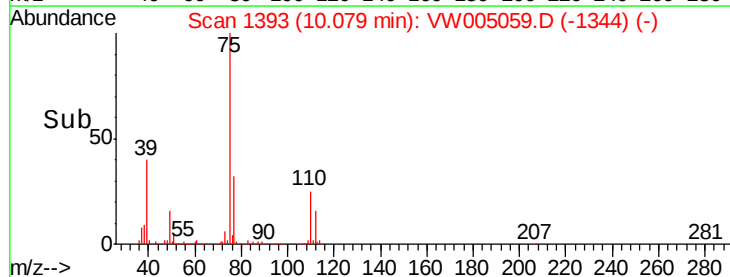
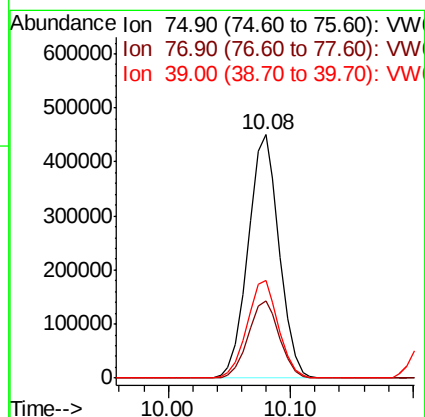
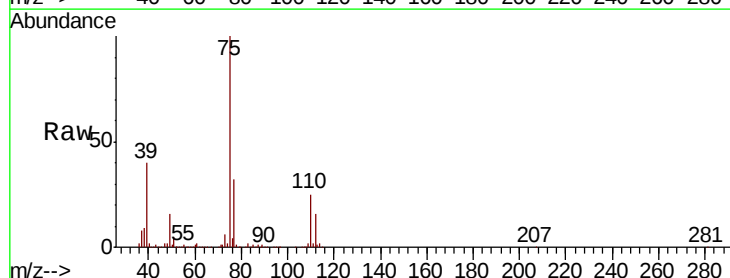
Tgt Ion: 75 Resp: 791061

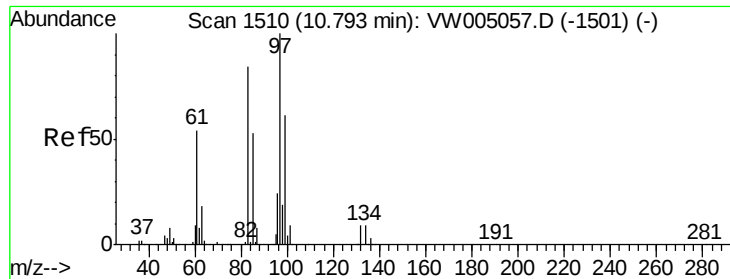
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

39 40.1 31.0 46.6





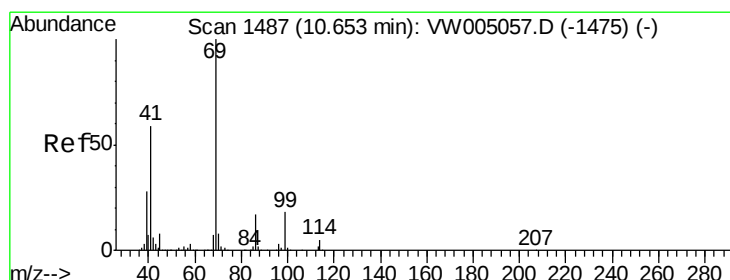
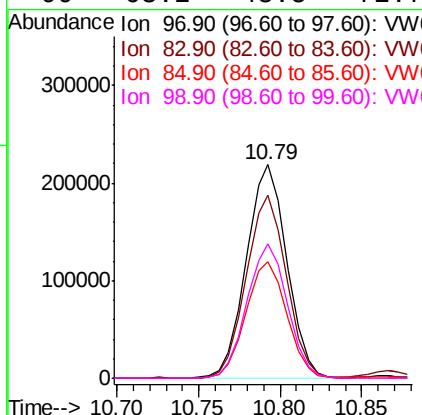
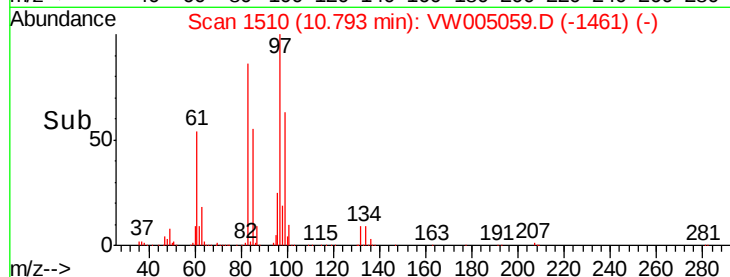
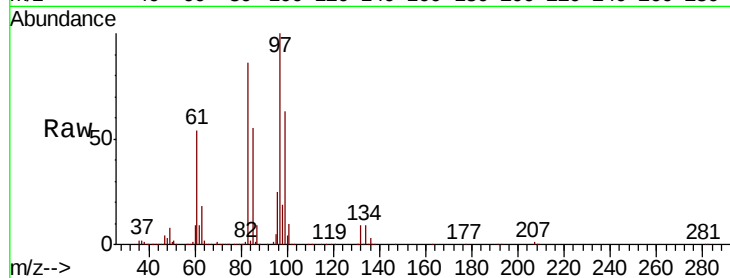
#55
 1,1,2-Trichloroethane
 Concen: 99.97 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
97	100	378075		
83	85.6	67.0	100.6	
85	54.7	42.3	63.5	
99	63.2	48.5	72.7	

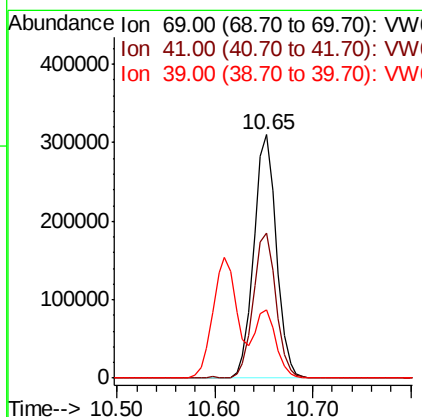
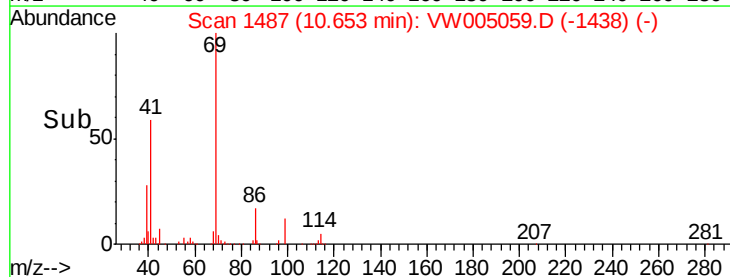
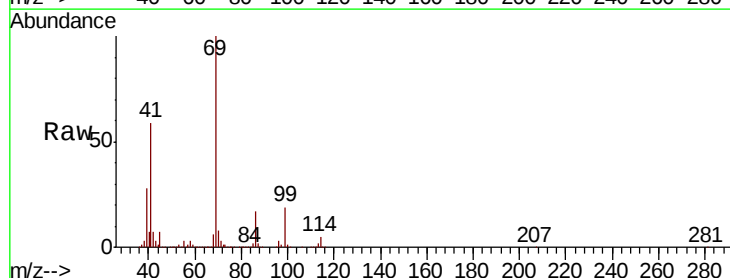
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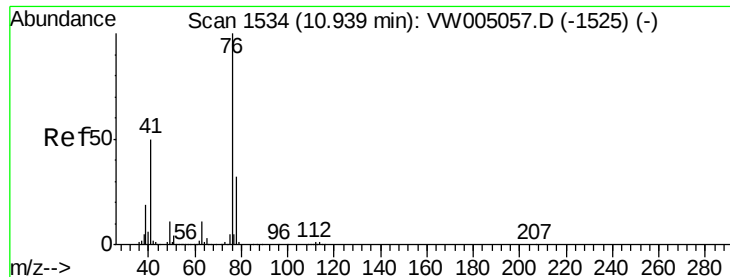
apatel
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#56
 Ethyl methacrylate
 Concen: 101.58 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	495700		
41	59.9	47.8	71.6	
39	25.6	21.1	31.7	





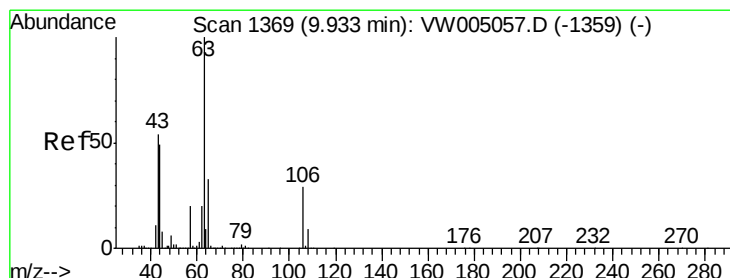
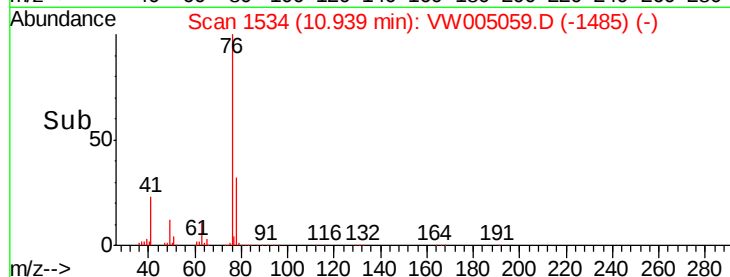
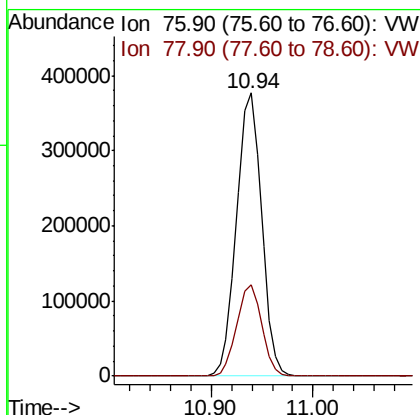
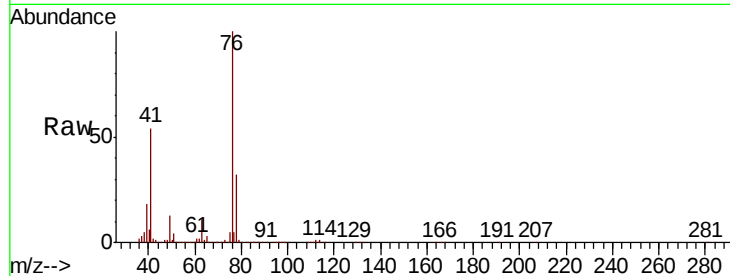
#57
 1,3-Dichloropropane
 Concen: 103.38 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 640638
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.3 39.5

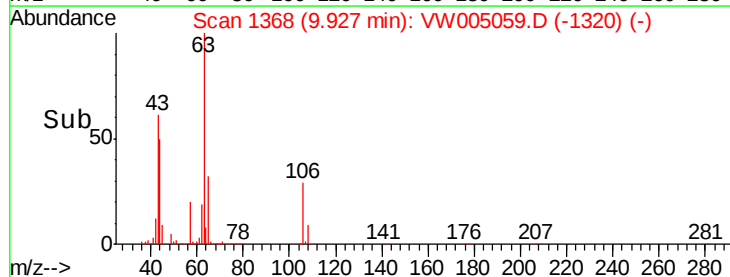
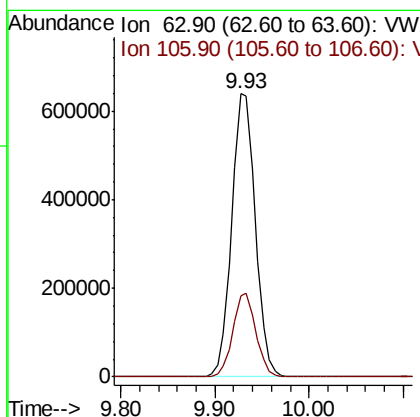
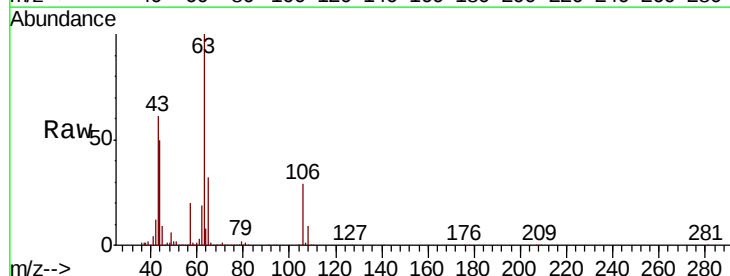
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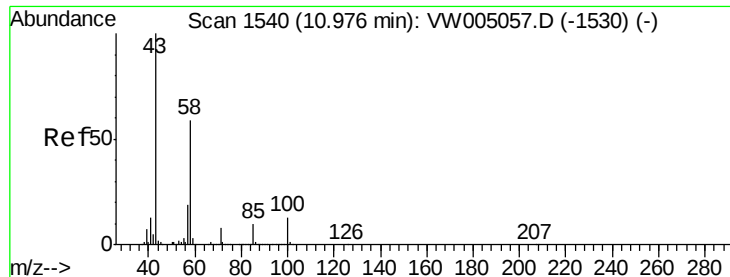
apatel
 9/4/2018 9:37:12 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 521.66 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion: 63 Resp: 1107633
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.1 34.7





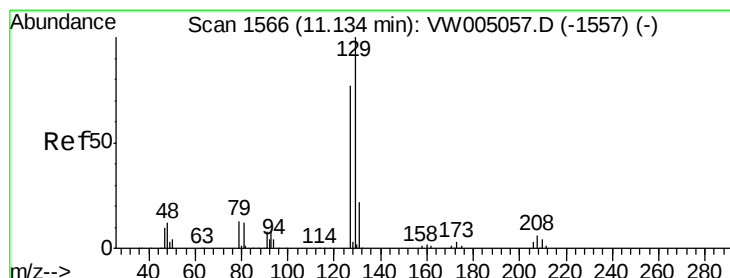
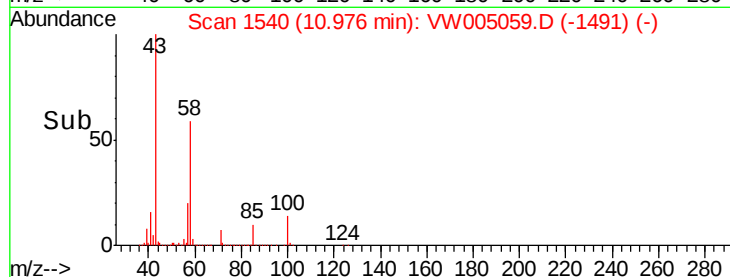
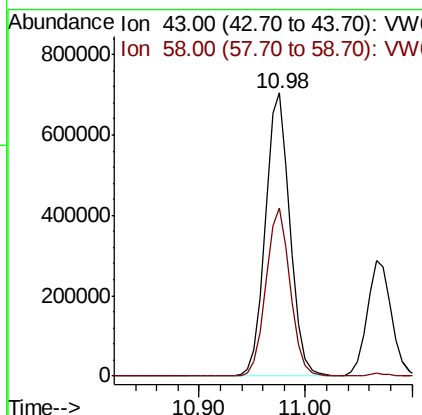
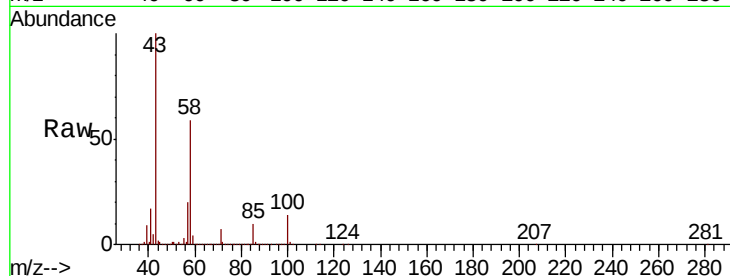
#59
2-Hexanone
Concen: 447.85 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1132772
Ion Ratio Lower Upper
43 100
58 58.9 28.7 86.3

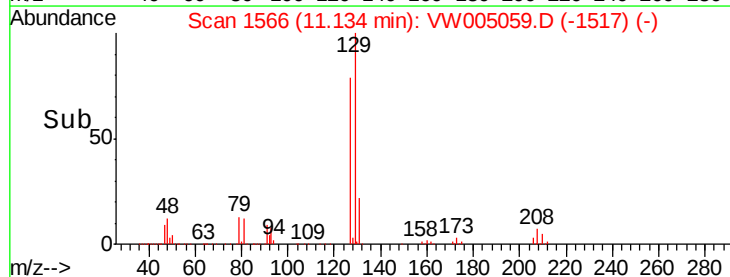
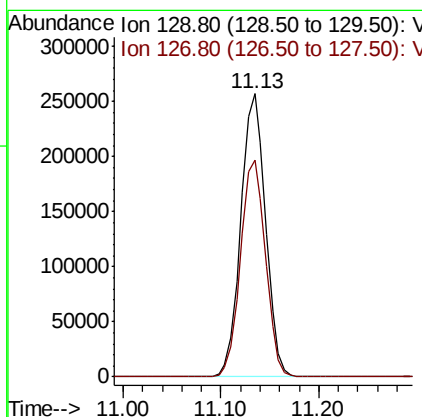
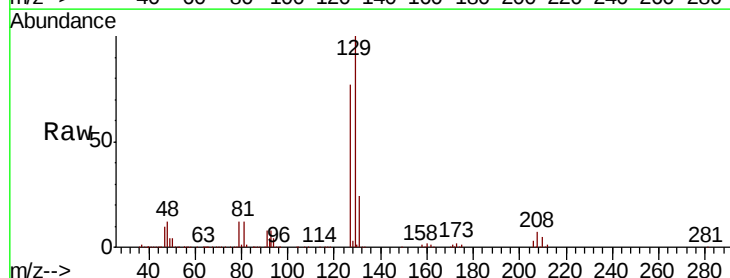
Manual Integrations
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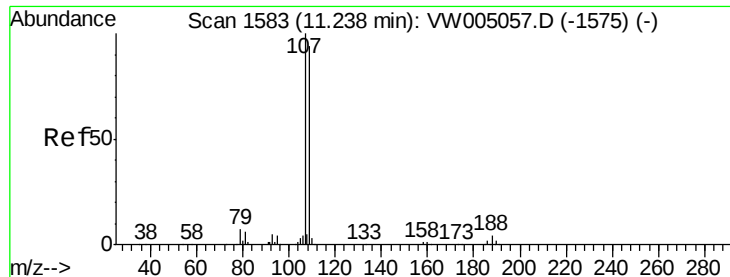
apatel
9/4/2018 9:37:12 AM



#60
Dibromochloromethane
Concen: 108.35 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion: 129 Resp: 449073
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7





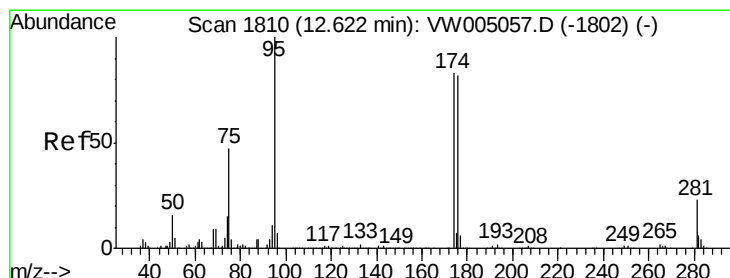
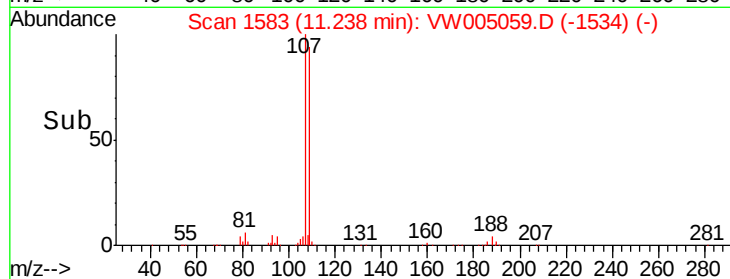
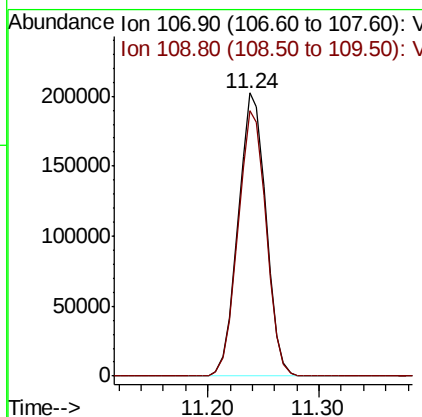
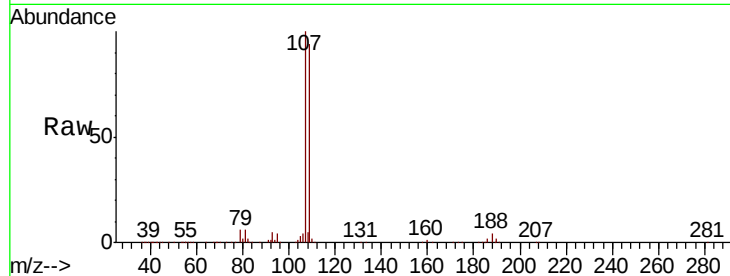
#61
 1,2-Dibromoethane
 Concen: 99.35 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.9	113.9

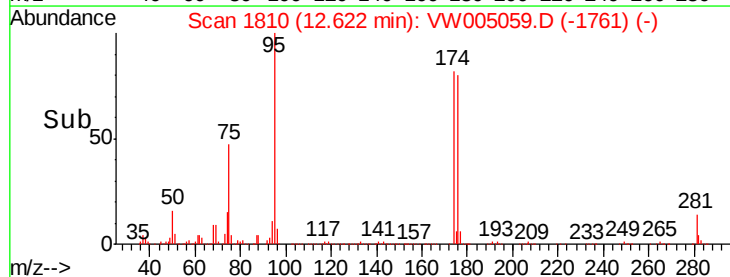
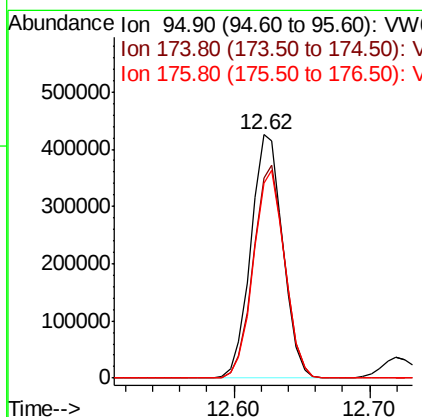
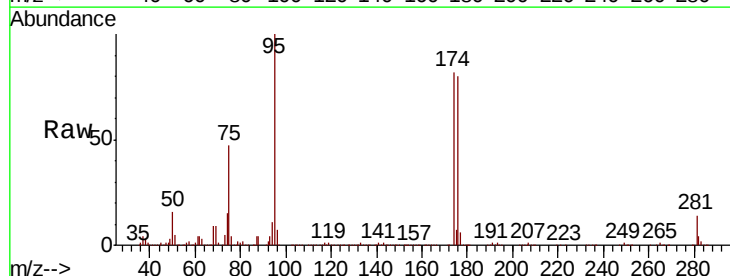
Manual Integrations
 APPROVED

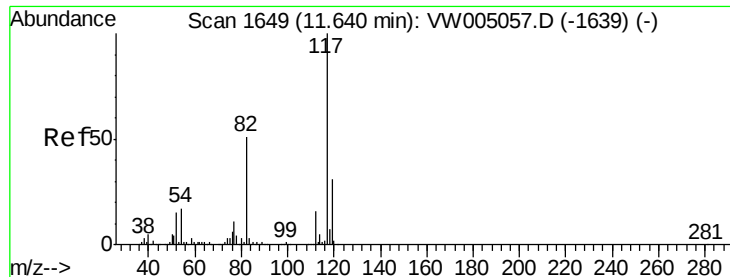
apatel
 9/4/2018 9:37:12 AM



#62
 4-Bromofluorobenzene
 Concen: 91.40 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	173.4
176	84.1	0.0	167.4





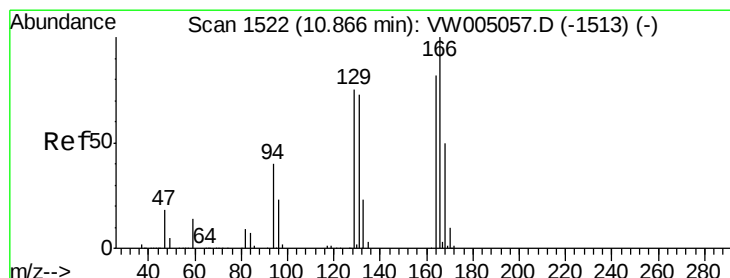
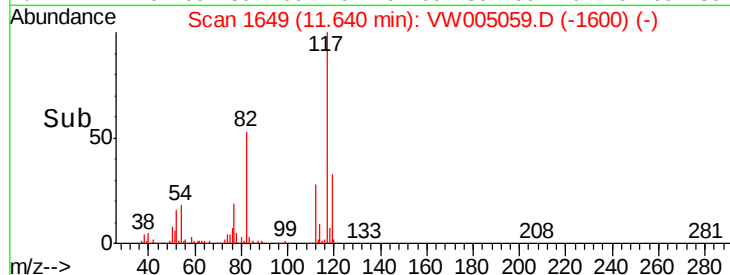
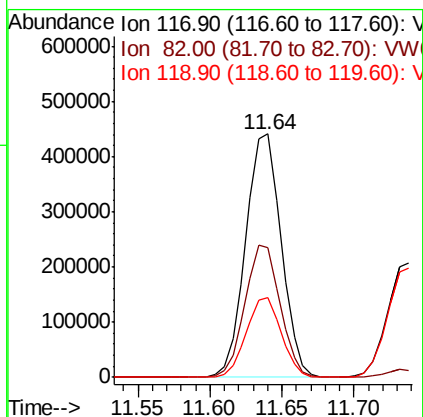
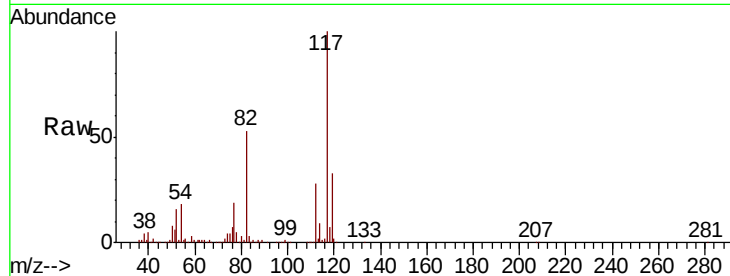
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	40.9	61.3
119	32.7	24.9	37.3

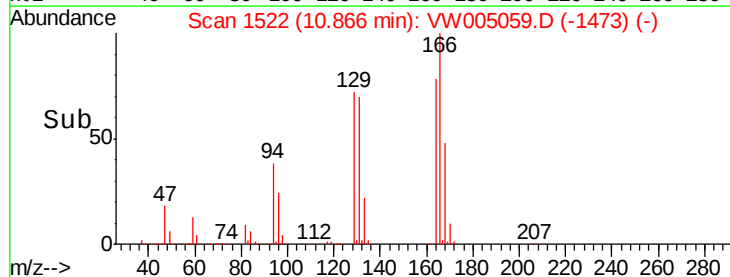
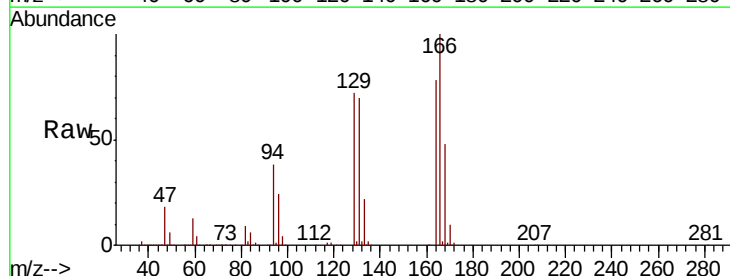
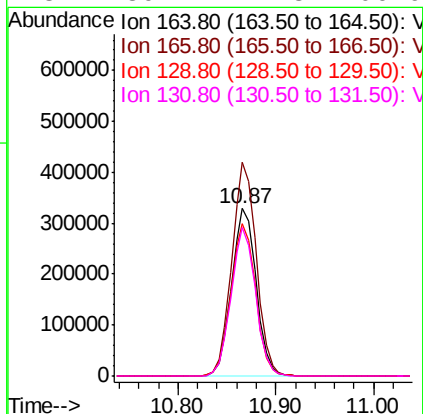
Manual Integrations
APPROVED

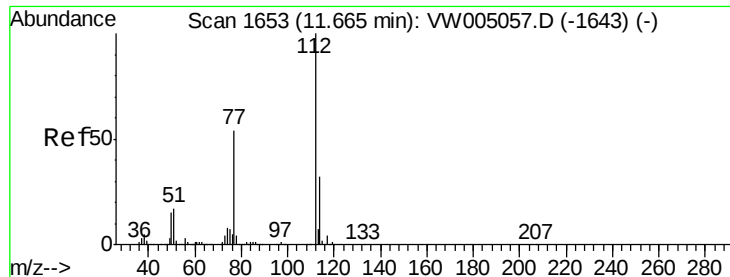
apatel
9/4/2018 9:37:12 AM



#64
Tetrachloroethene
Concen: 103.17 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	97.3	145.9
129	91.4	73.1	109.7
131	89.1	71.3	106.9





#65

Chlorobenzene

Concen: 99.40 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:112 Resp: 1659946

Ion Ratio Lower Upper

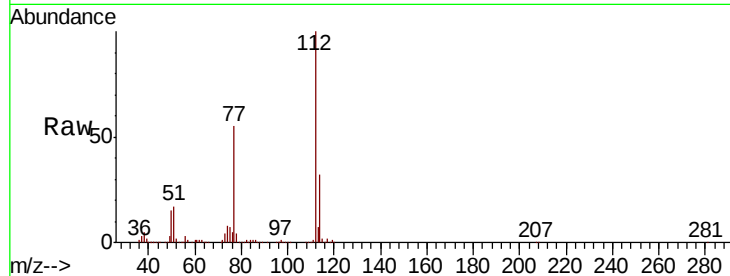
112 100

114 32.2 26.0 39.0

Manual Integrations
APPROVED

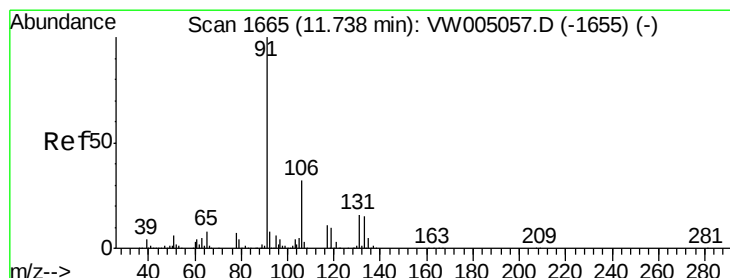
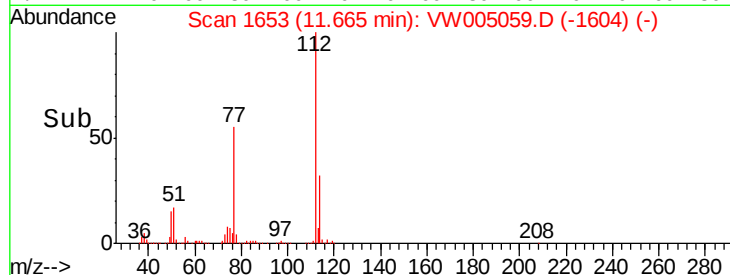
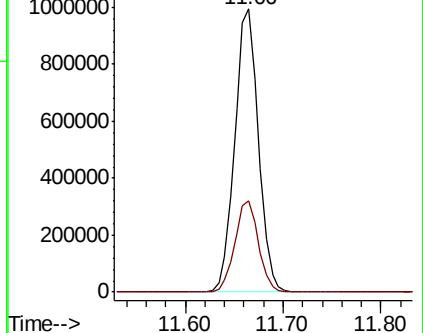
apatel

9/4/2018 9:37:12 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 110.02 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

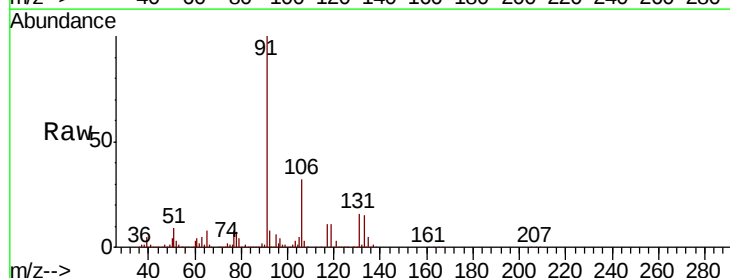
Tgt Ion:131 Resp: 508445

Ion Ratio Lower Upper

131 100

133 95.4 47.4 142.3

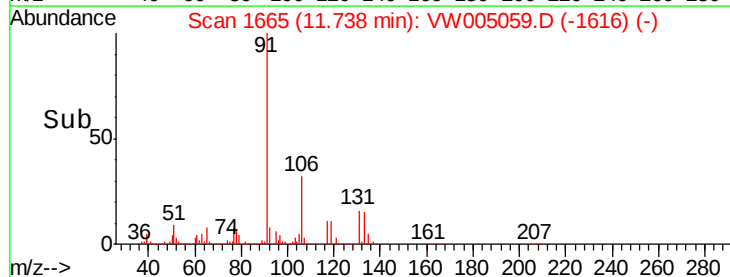
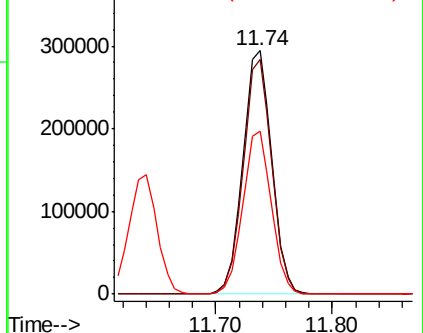
119 66.5 33.4 100.1

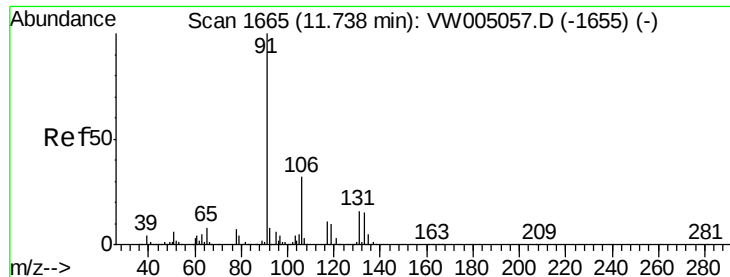


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





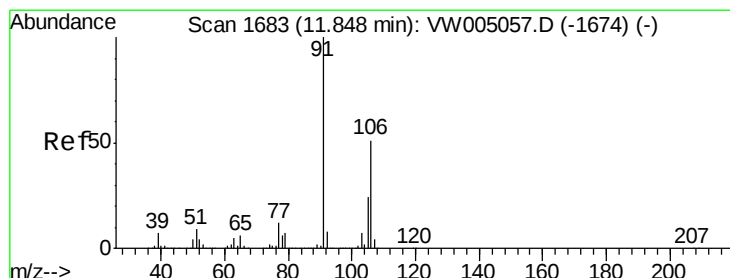
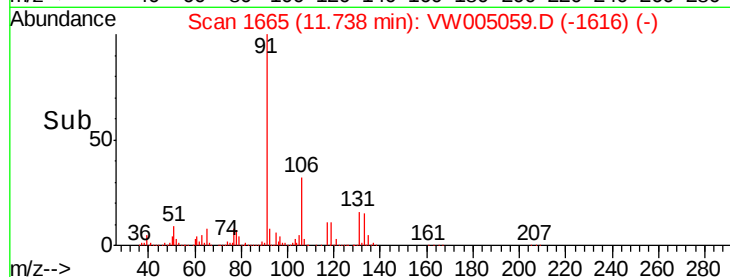
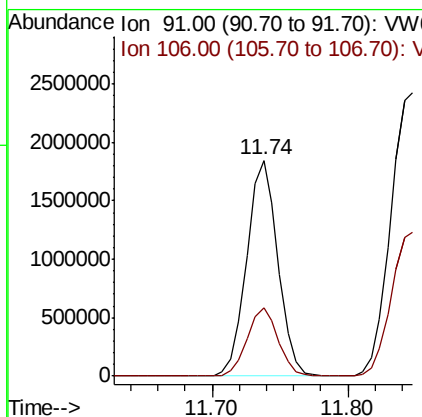
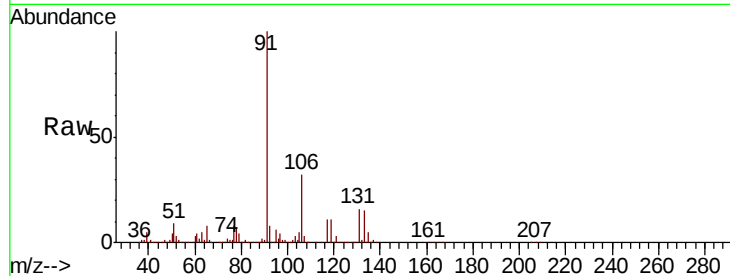
#67
Ethyl Benzene
Concen: 103.02 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 2945261
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9

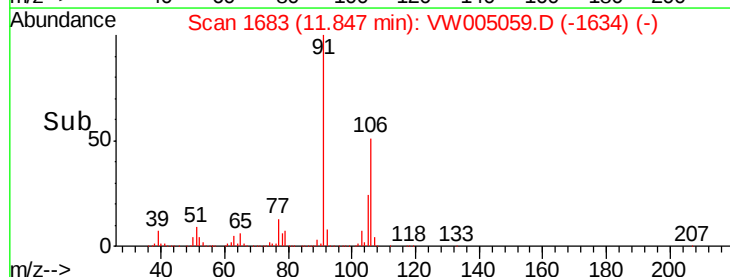
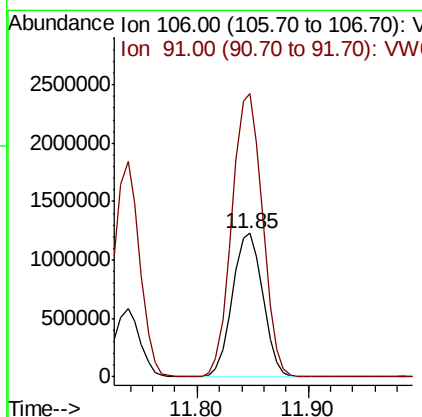
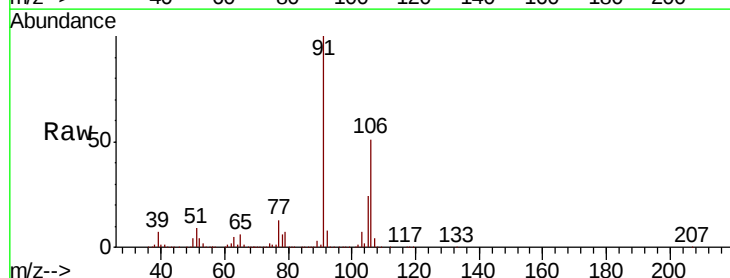
Manual Integrations
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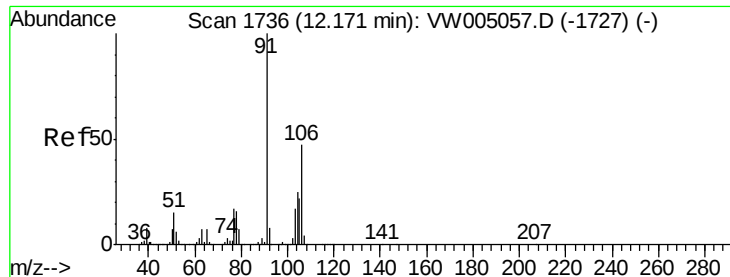
apatel
9/4/2018 9:37:12 AM



#68
m/p-Xylenes
Concen: 200.24 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion:106 Resp: 2326531
Ion Ratio Lower Upper
106 100
91 198.4 158.4 237.6





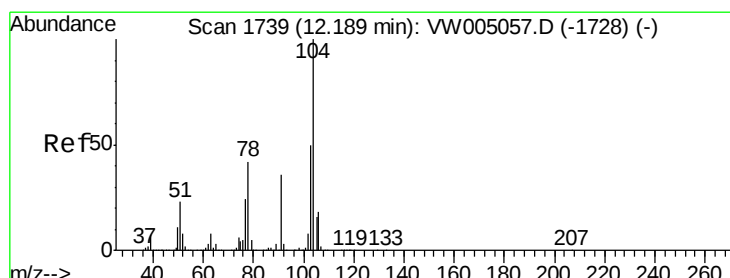
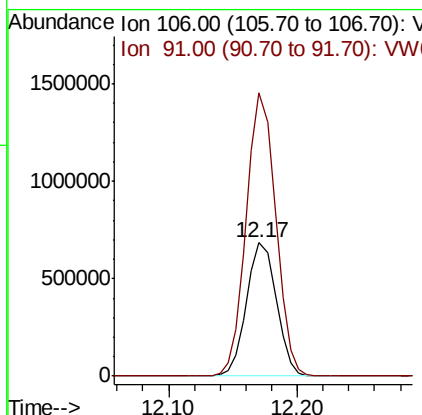
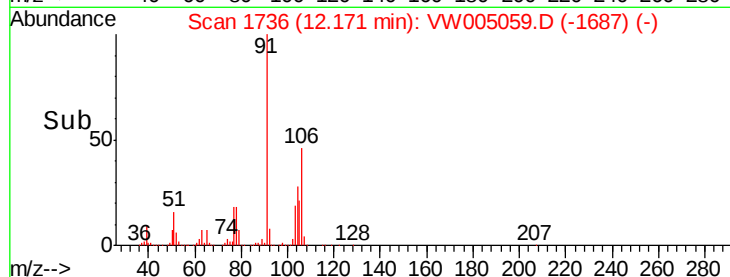
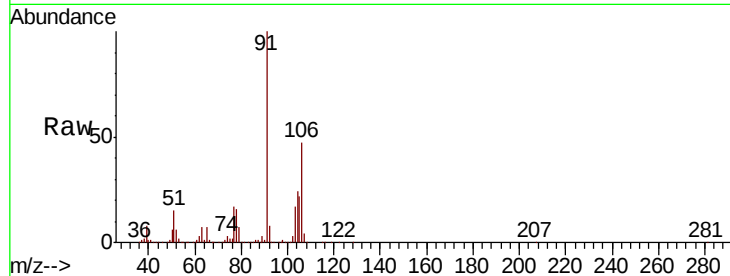
#69
o-Xylene
Concen: 103.83 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 1101214
Ion Ratio Lower Upper
106 100
91 209.2 105.6 316.8

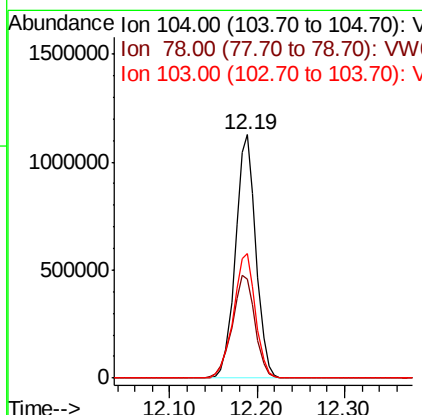
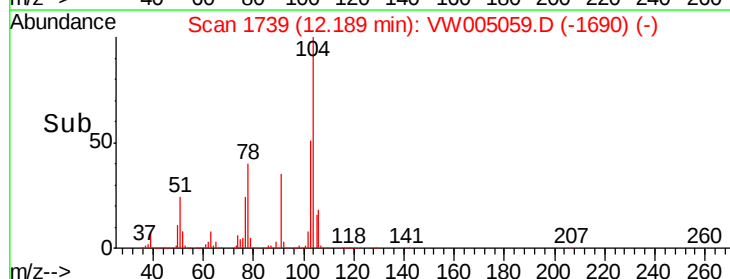
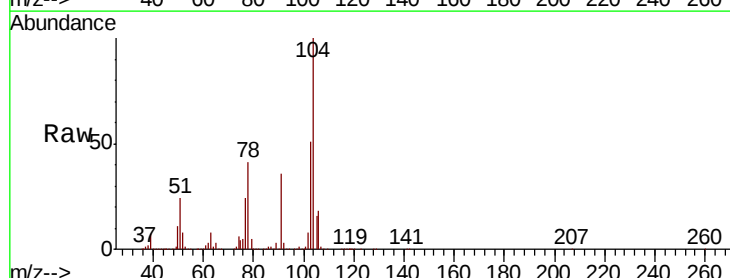
Manual Integrations
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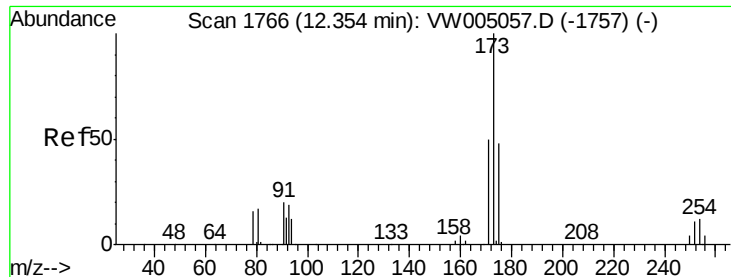
apatel
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#70
Styrene
Concen: 104.17 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion:104 Resp: 1834733
Ion Ratio Lower Upper
104 100
78 46.7 37.8 56.6
103 55.1 44.1 66.1





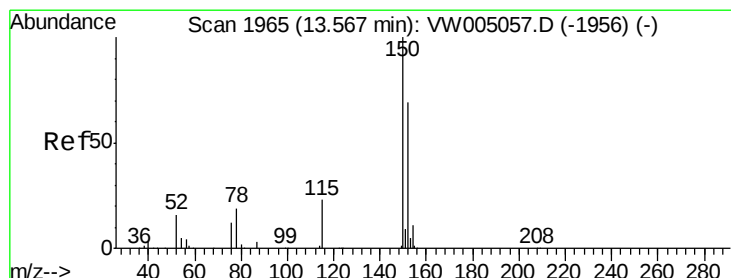
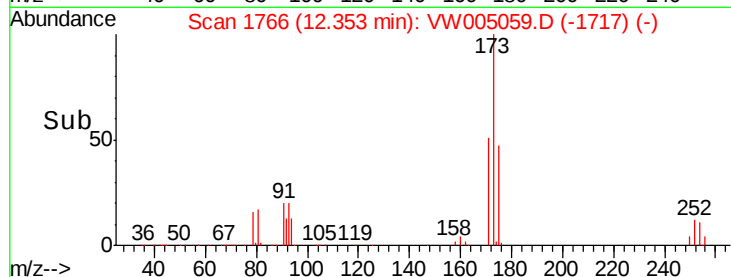
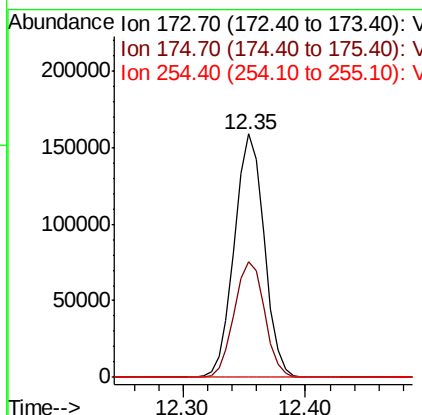
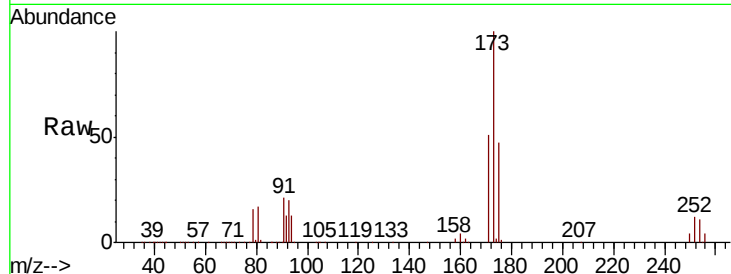
#71
Bromoform
Concen: 104.71 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.1	72.2
254	0.2	0.2	0.2

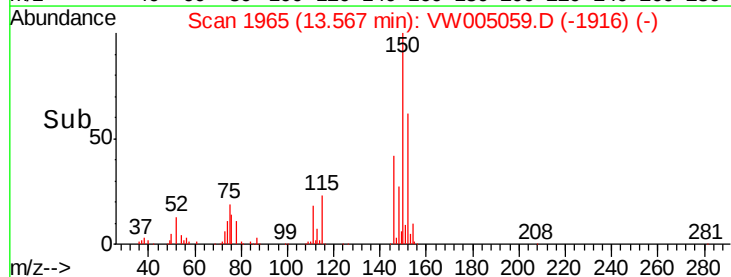
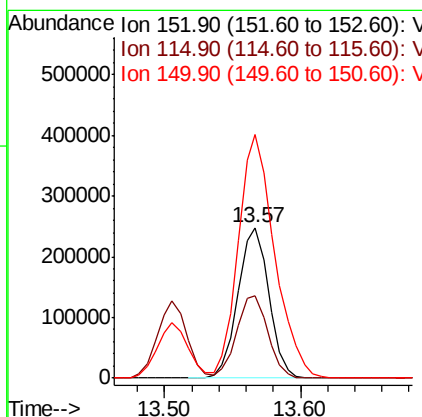
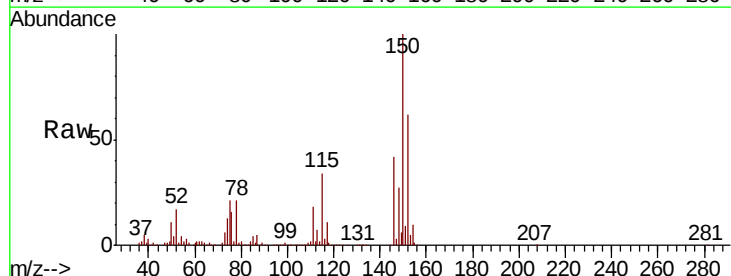
Manual Integrations
APPROVED

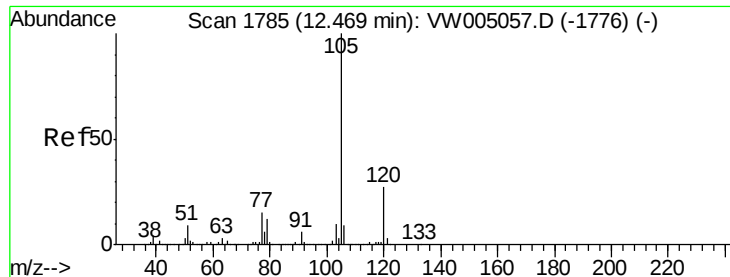
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.8	83.4
150	190.6	0.0	351.4





#73

Isopropylbenzene

Concen: 110.68 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 2947197

Ion Ratio Lower Upper

105 100

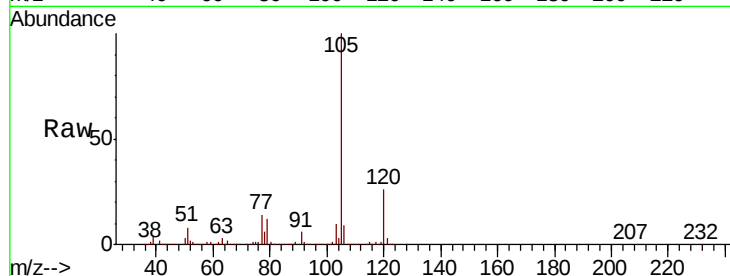
120 26.5 13.4 40.1

Manual Integrations

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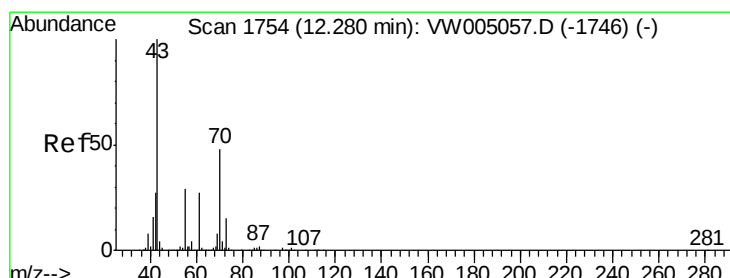
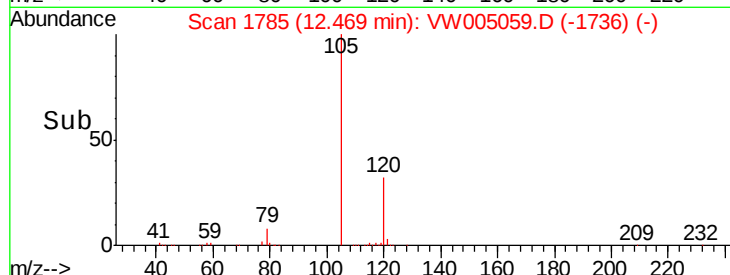
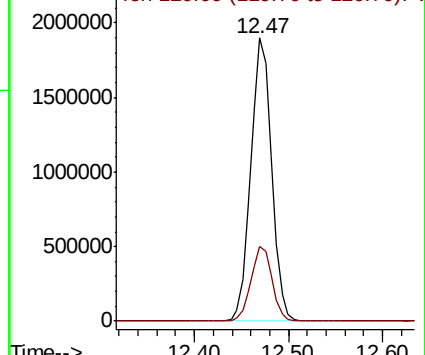
apatel

9/4/2018 9:37:12 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 102.45 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Tgt Ion: 43 Resp: 505797

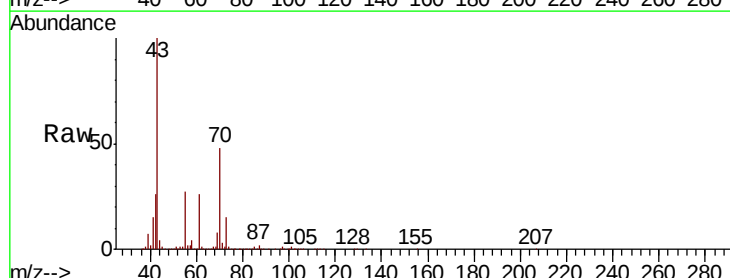
Ion Ratio Lower Upper

43 100

70 47.3 38.2 57.4

55 27.7 23.2 34.8

61 26.1 20.6 31.0

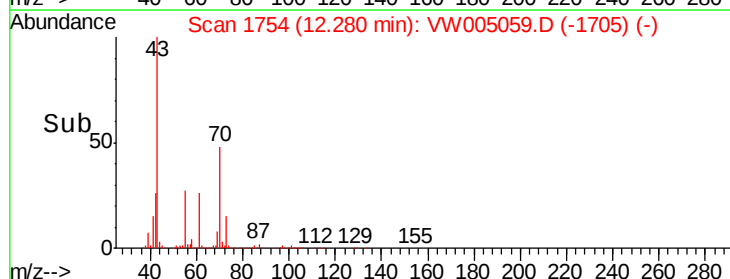
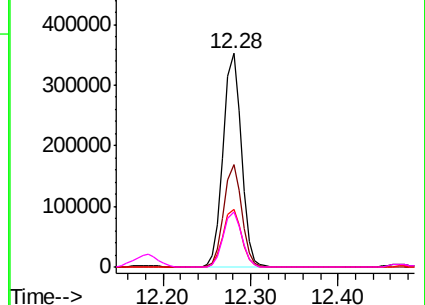


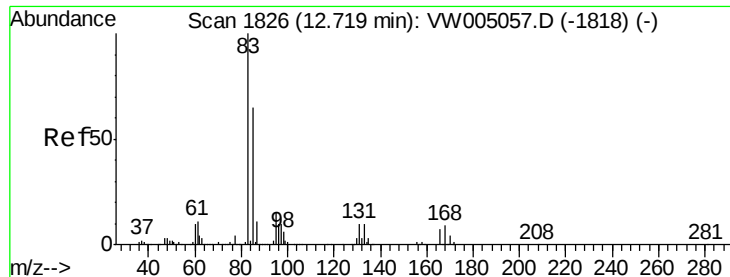
Abundance Ion 43.00 (42.70 to 43.70): VV

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: 101.73 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

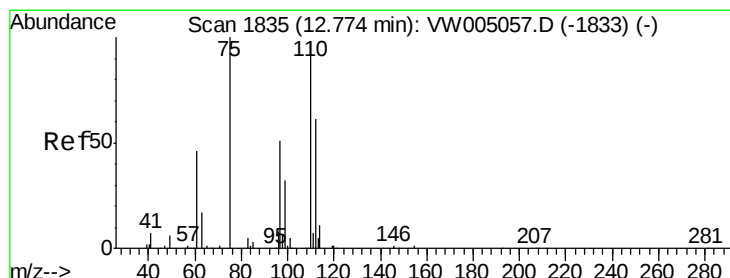
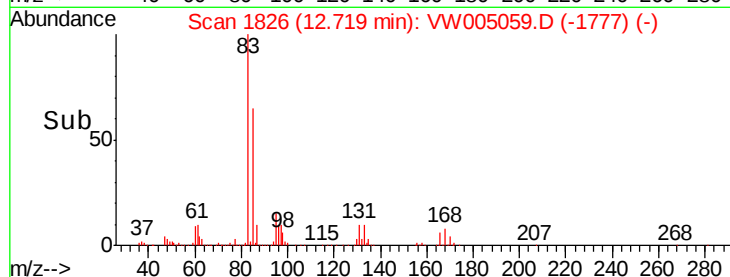
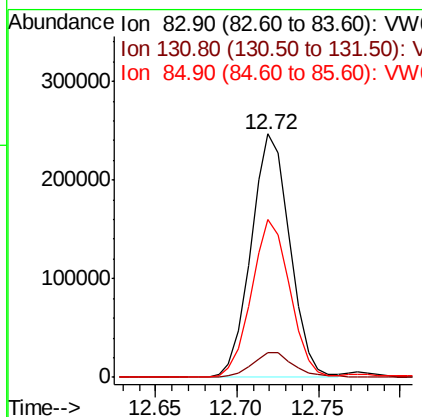
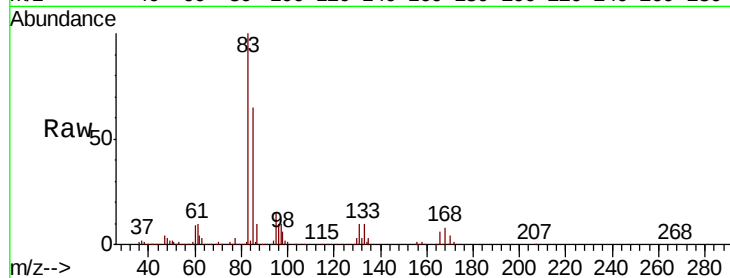
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	406559
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	64.3	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 98.44 ug/l m

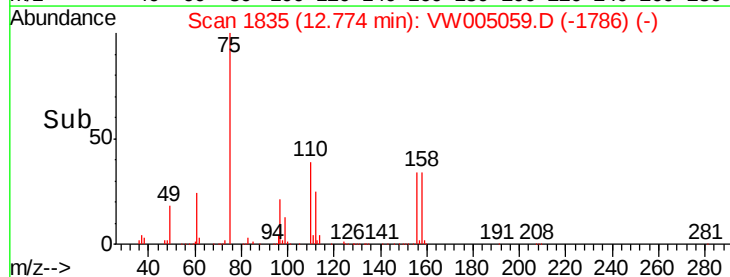
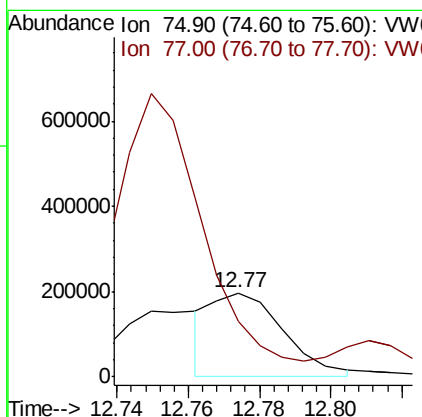
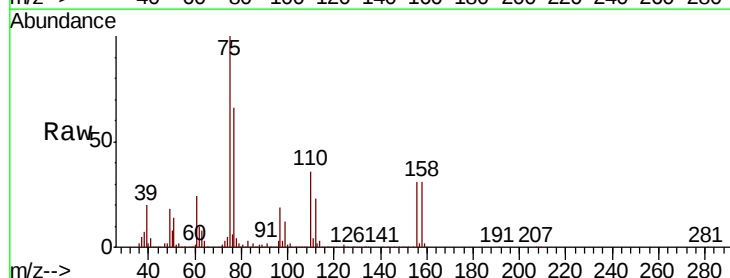
RT: 12.77 min Scan# 1835

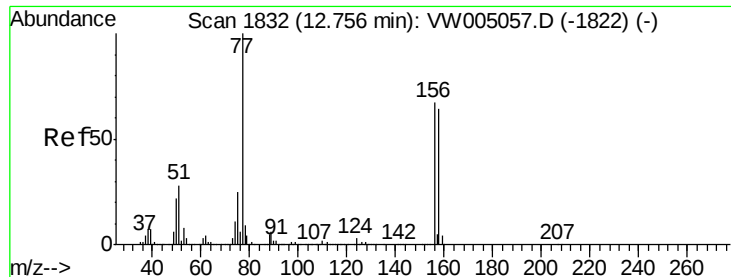
Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Tgt Ion:	75	Resp:	276457
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 105.14 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

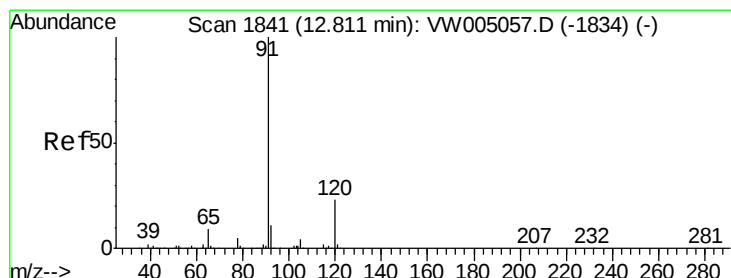
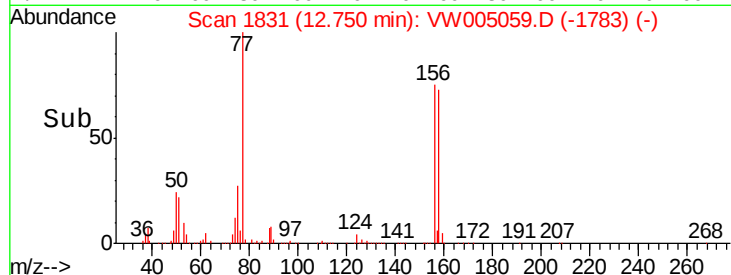
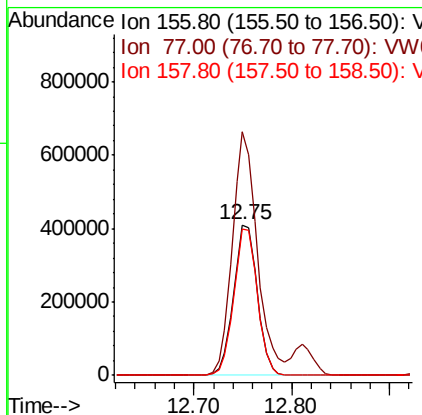
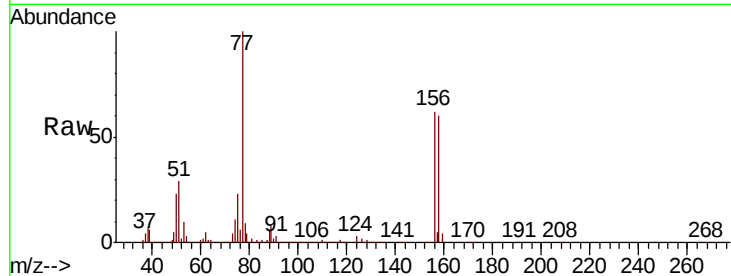
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	686462
Ion Ratio	Lower	Upper	
156	100		
77	171.2	85.8	257.4
158	97.1	48.1	144.4

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#78

n-propylbenzene

Concen: 106.43 ug/l

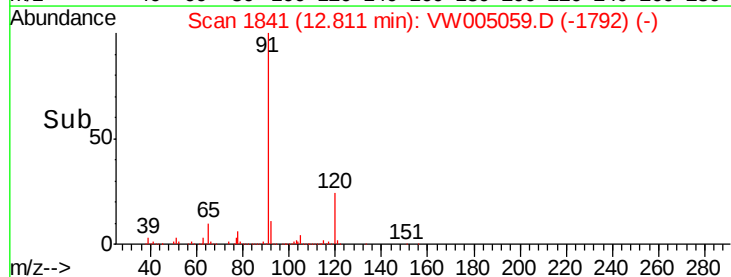
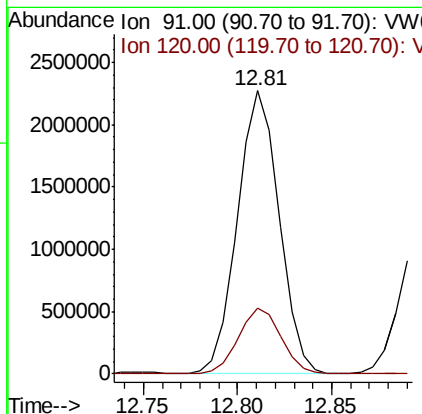
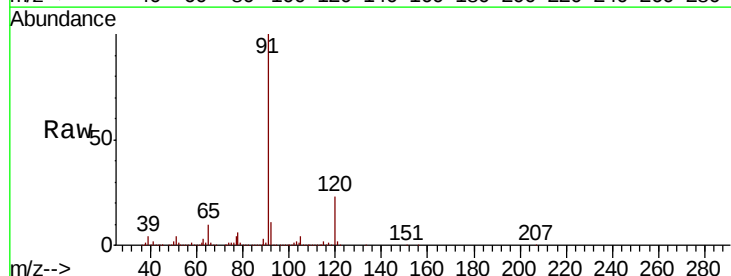
RT: 12.81 min Scan# 1841

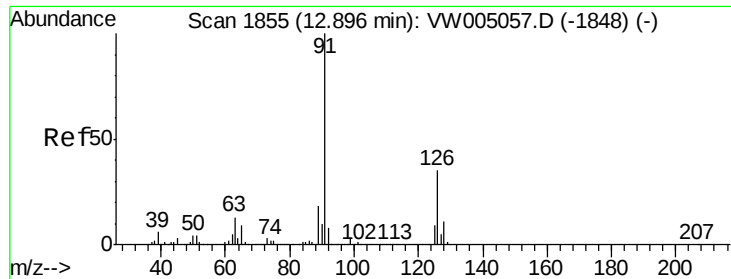
Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Tgt Ion:	91	Resp:	3485947
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.3





#79

2-Chlorotoluene

Concen: 105.68 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1998374

Ion Ratio Lower Upper

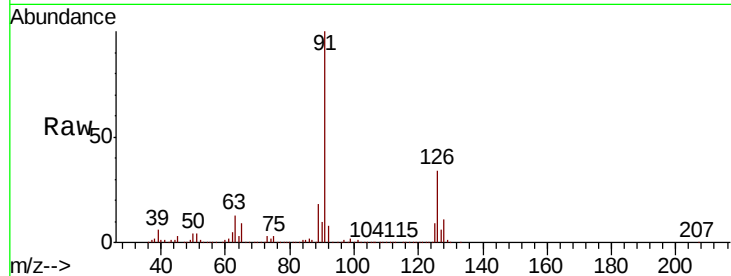
91 100

126 34.7 17.3 52.0

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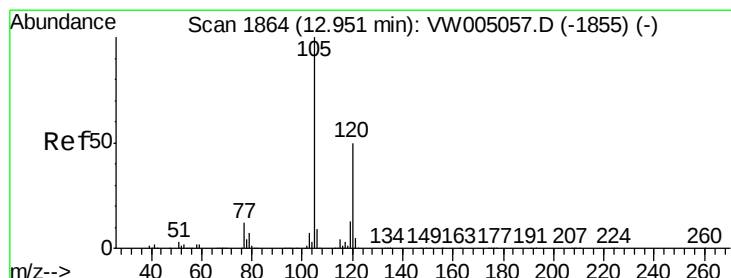
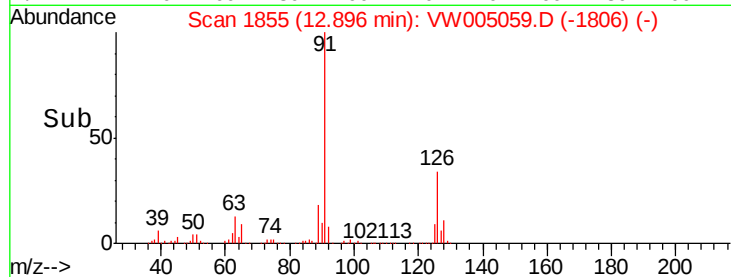
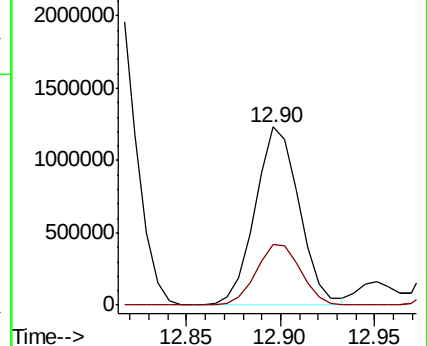
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 105.67 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005059.D

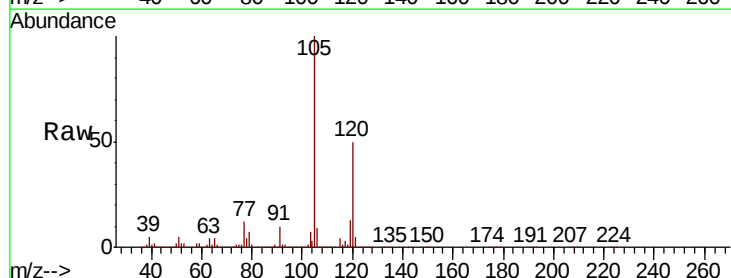
Acq: 01 Sep 2018 01:55

Tgt Ion: 105 Resp: 2477695

Ion Ratio Lower Upper

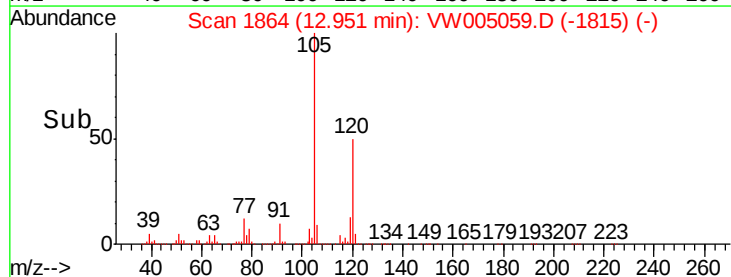
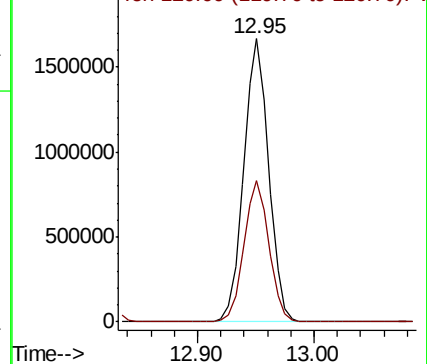
105 100

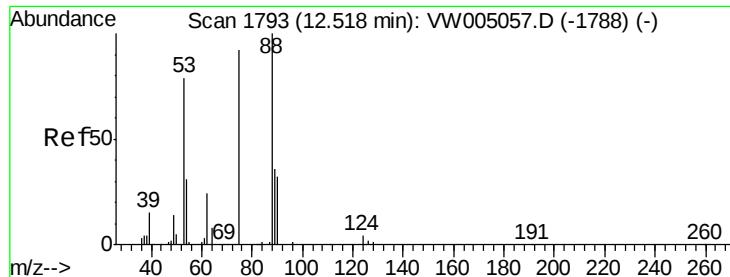
120 50.1 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





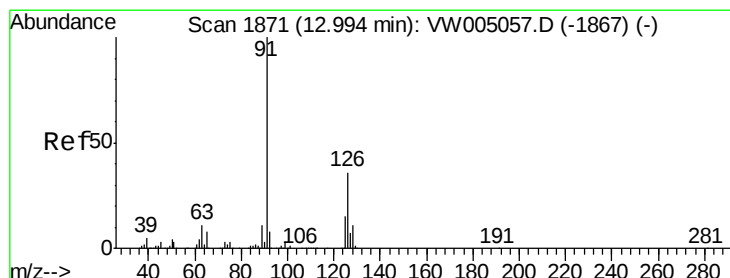
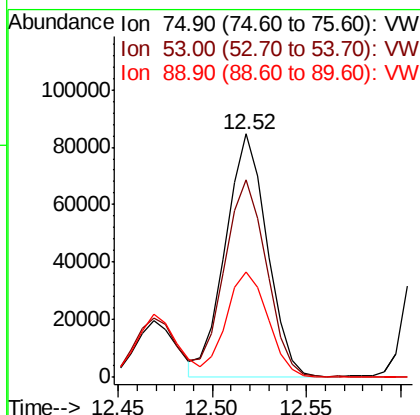
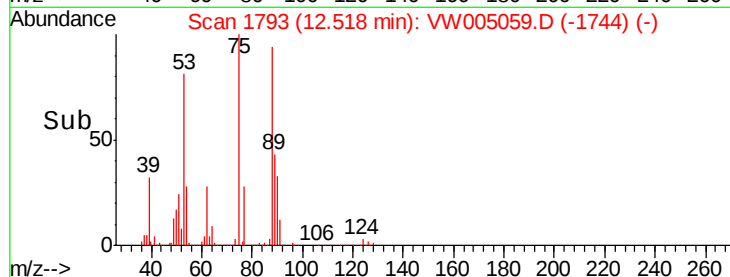
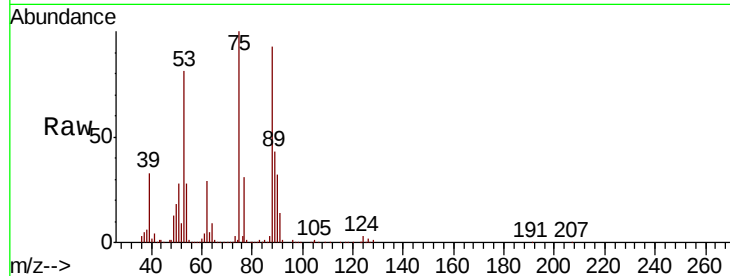
#81
trans-1,4-Dichloro-2-butene
Concen: 105.26 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.6	69.8	104.8
89	43.7	36.0	54.0

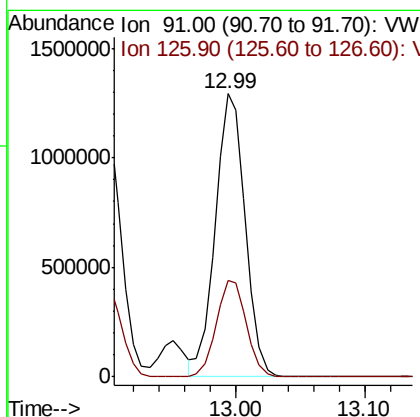
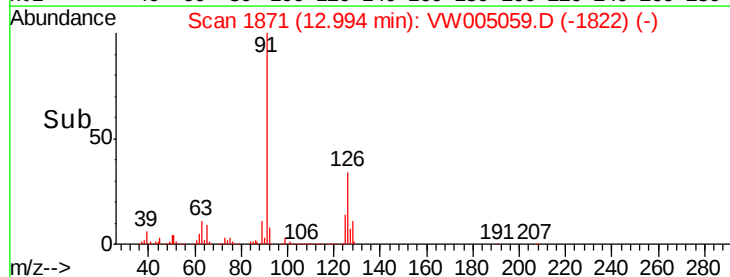
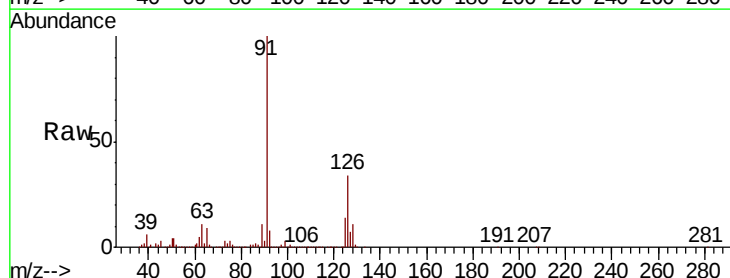
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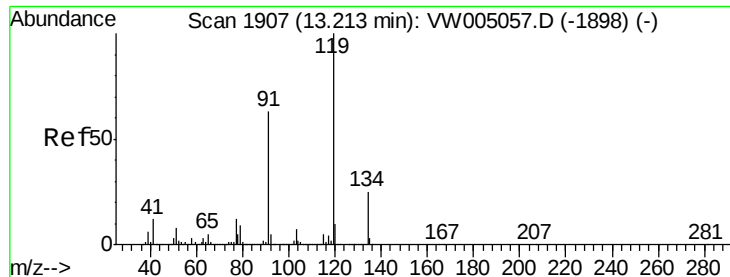
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#82
4-Chlorotoluene
Concen: 104.45 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.4	52.3





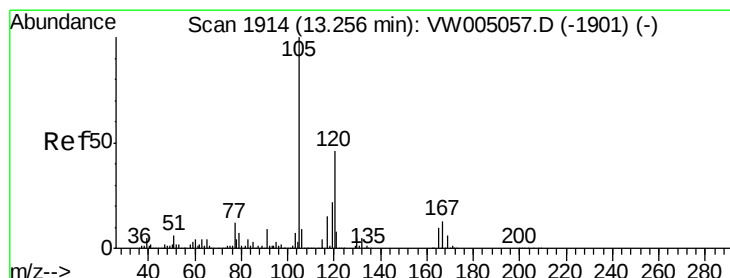
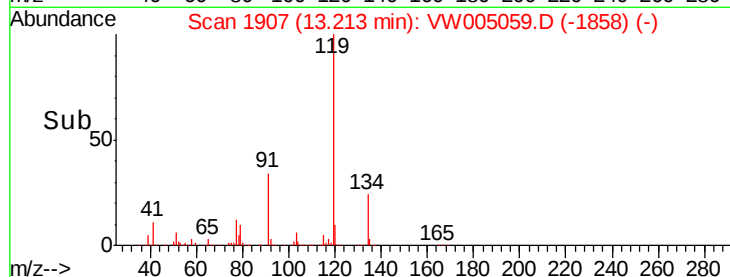
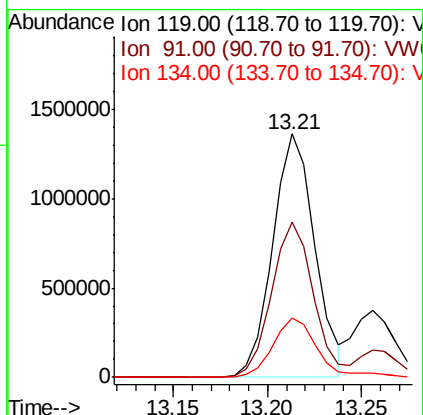
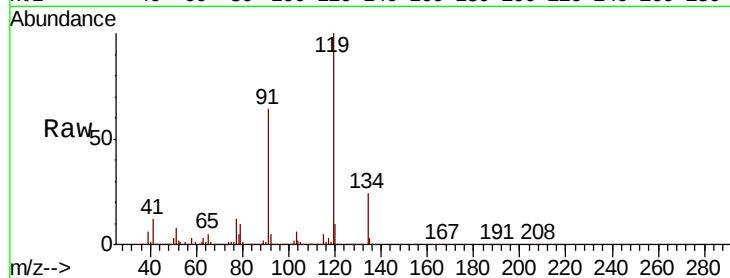
#83
tert-Butylbenzene
Concen: 107.24 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	31.8	95.4
134	26.1	13.0	39.0

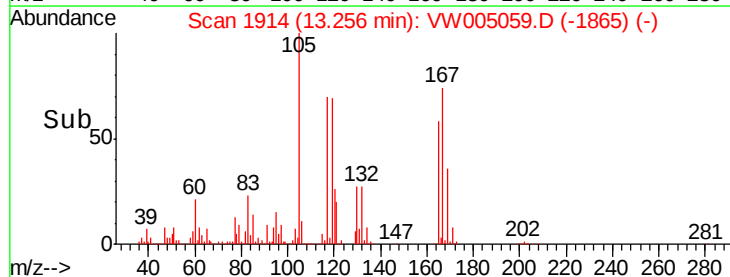
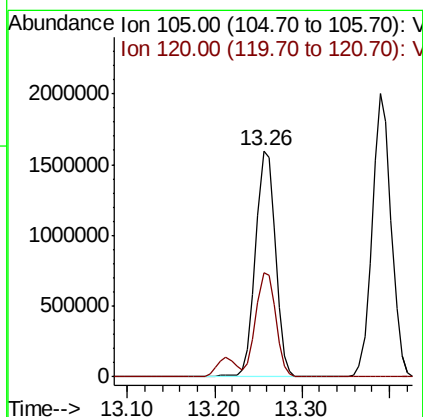
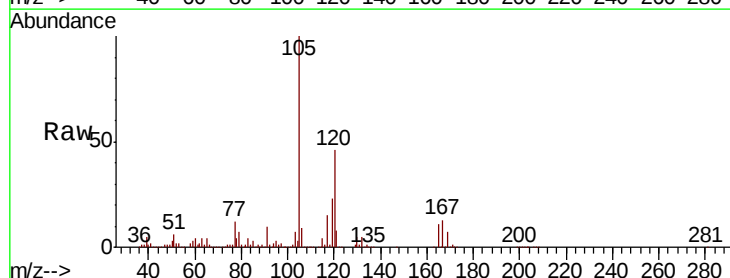
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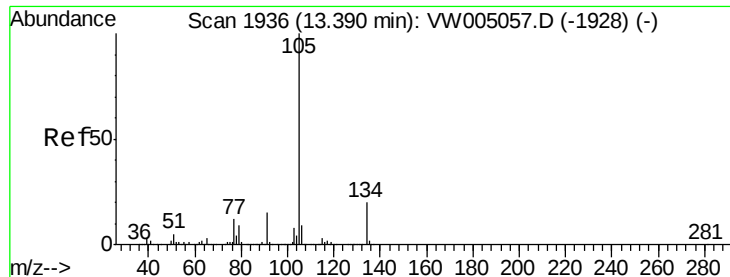
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#84
1,2,4-Trimethylbenzene
Concen: 106.04 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3





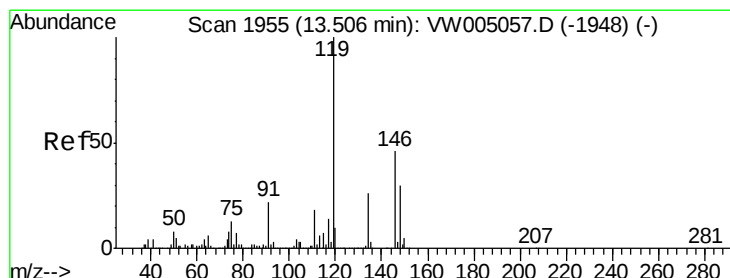
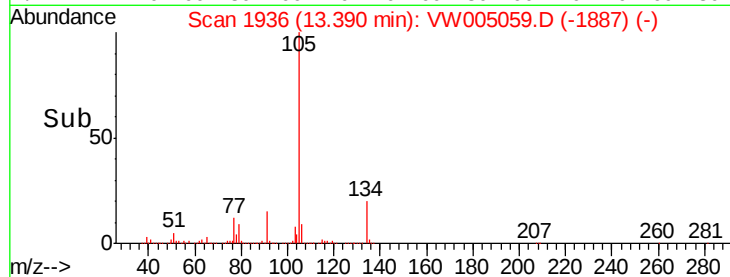
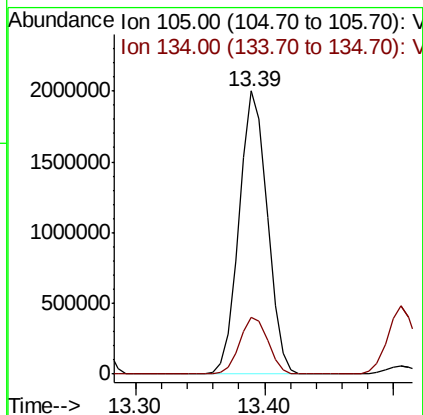
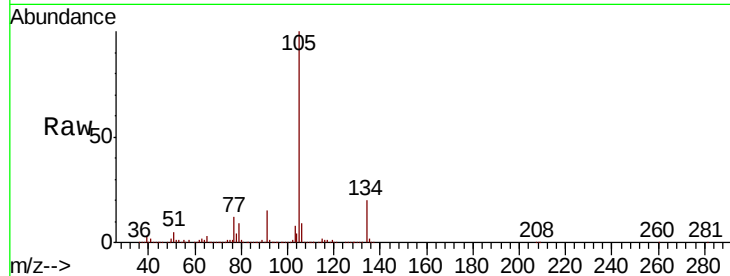
#85
 sec-Butylbenzene
 Concen: 104.82 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion:105 Resp: 3025844
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3

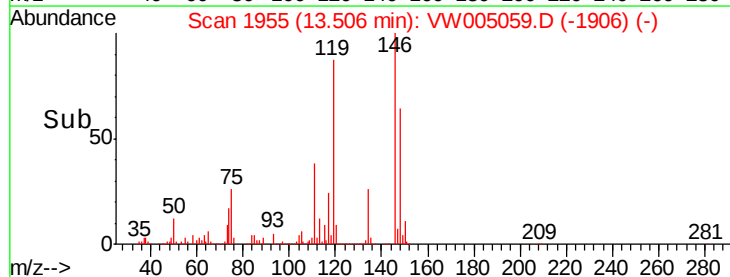
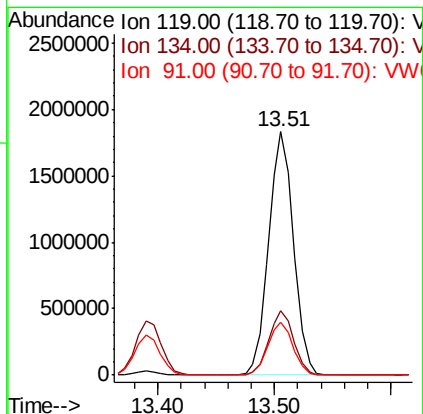
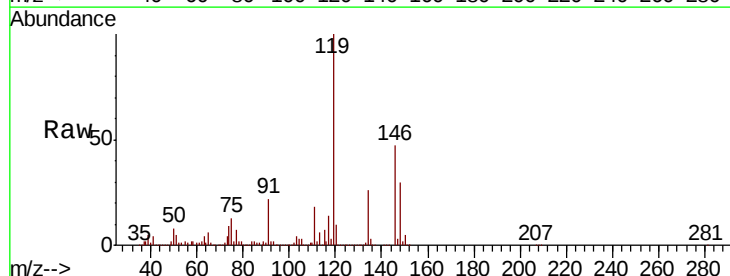
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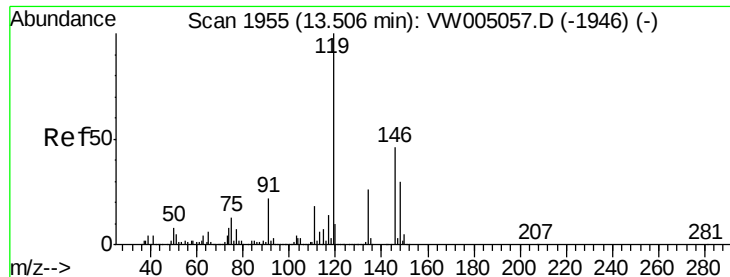
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#86
 p-Isopropyltoluene
 Concen: 105.37 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion:119 Resp: 2722104
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 21.8 10.9 32.9





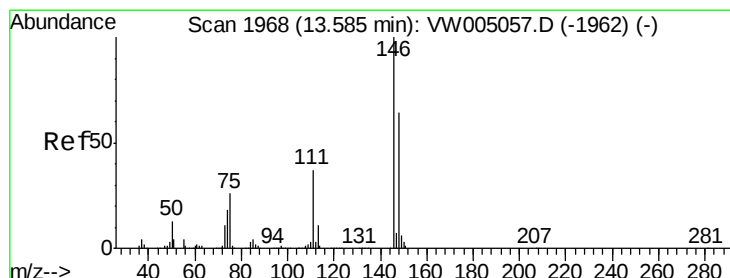
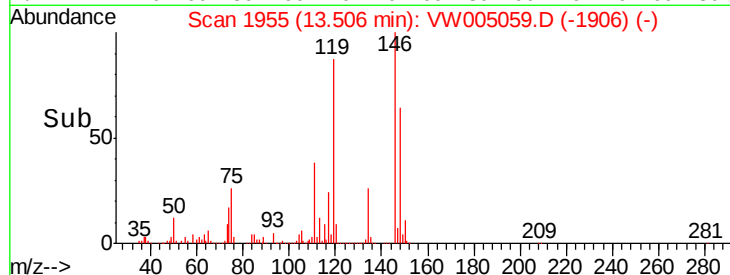
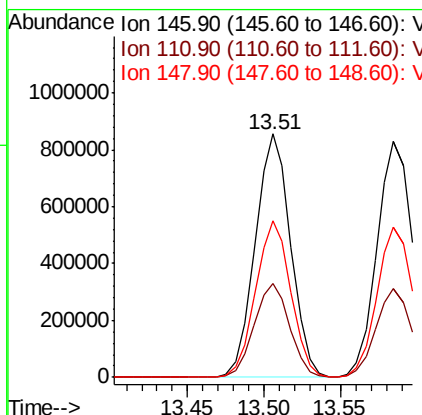
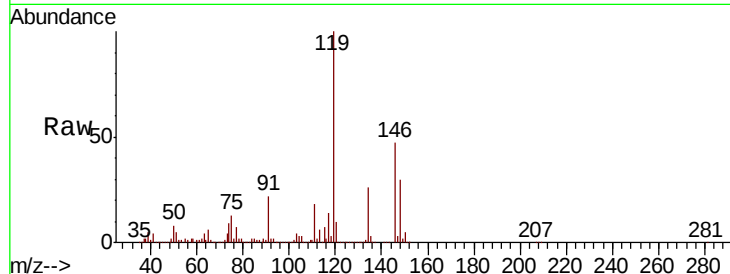
#87
 1,3-Dichlorobenzene
 Concen: 99.94 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.2	57.6
148	64.0	31.9	95.7

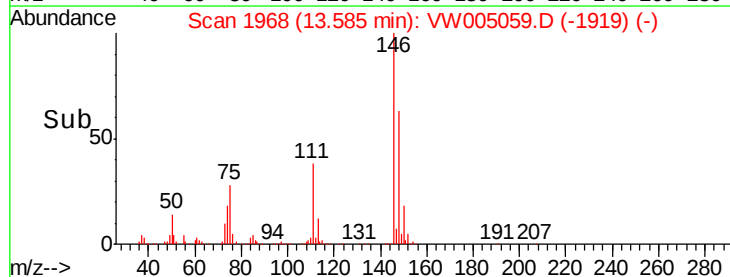
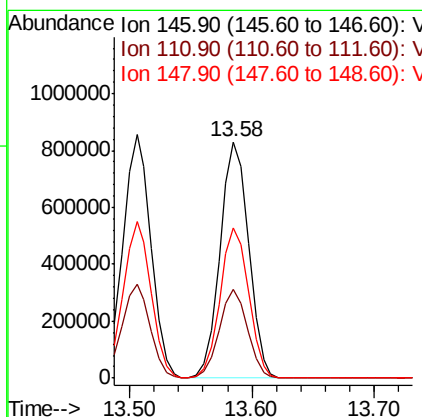
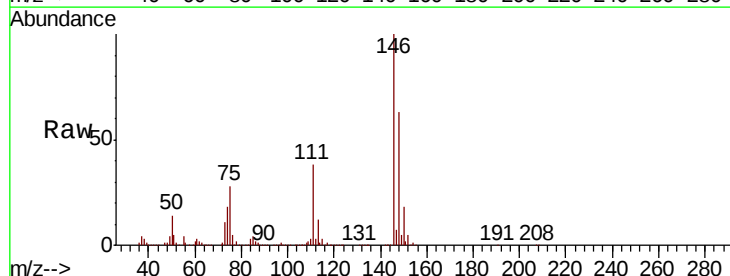
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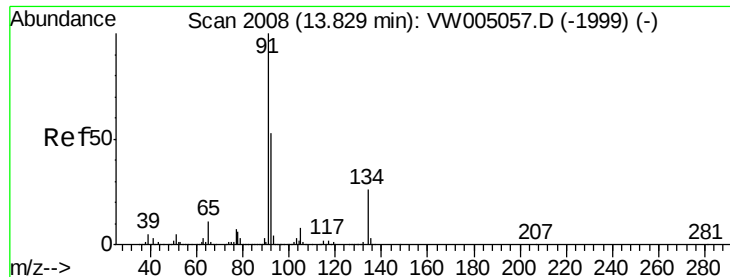
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#88
 1,4-Dichlorobenzene
 Concen: 98.63 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	56.0
148	63.7	32.0	96.0





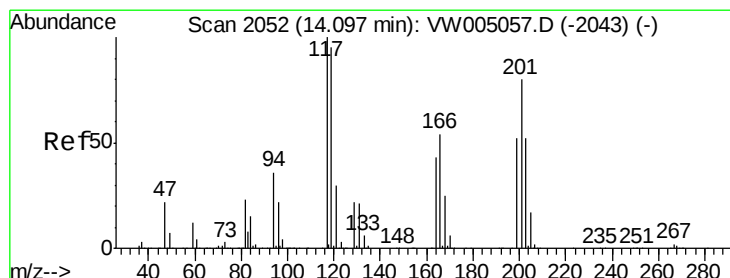
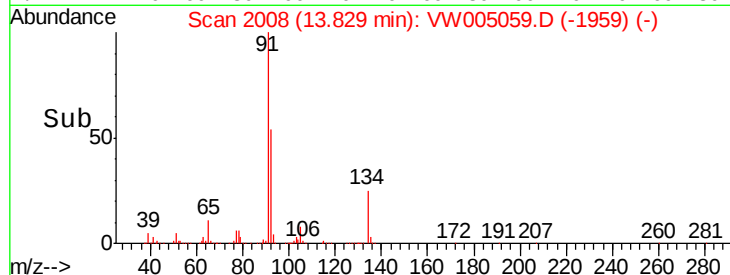
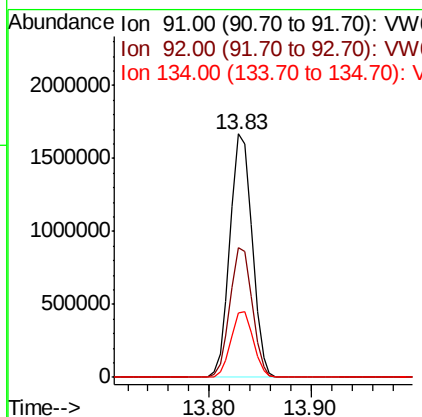
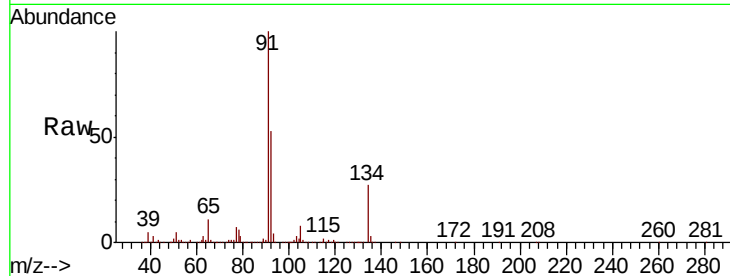
#89
n-Butylbenzene
Concen: 103.25 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.5	79.5
134	26.9	13.5	40.4

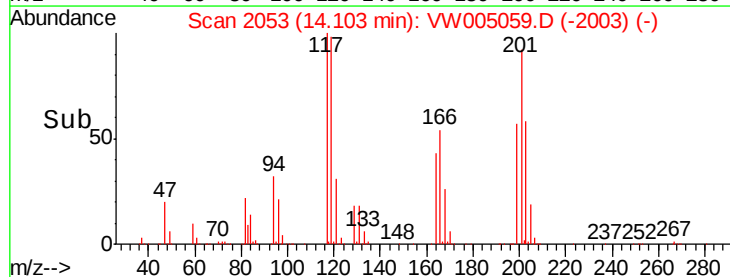
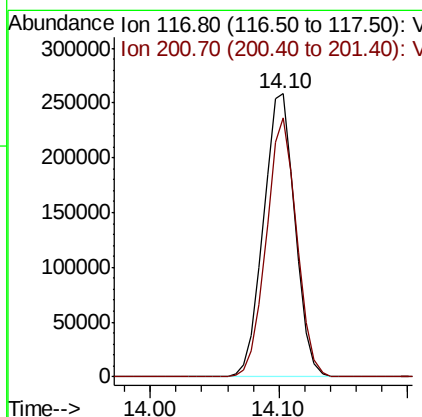
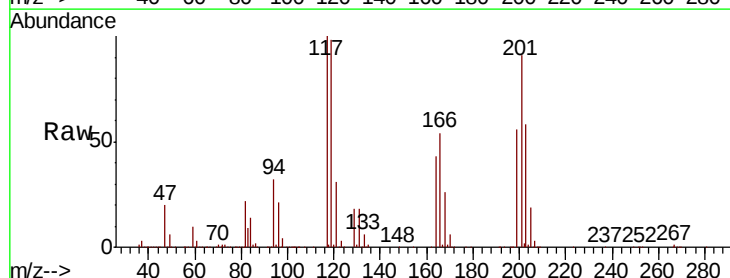
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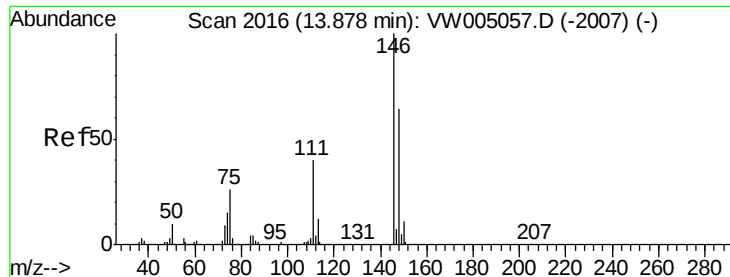
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#90
Hexachloroethane
Concen: 107.35 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	44.6	133.8





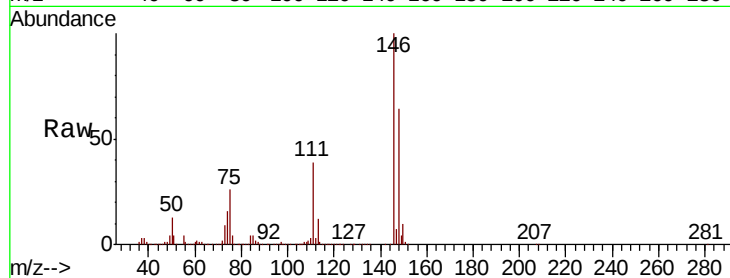
#91
 1,2-Dichlorobenzene
 Concen: 98.09 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	63.5	31.9	95.9

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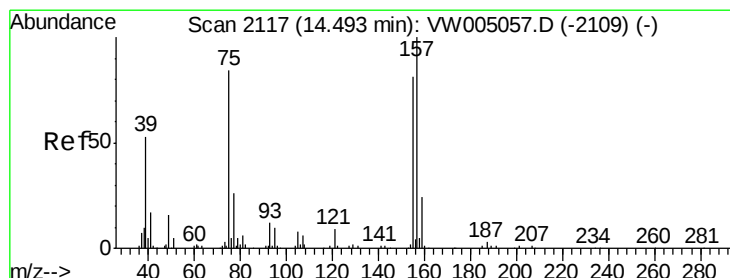
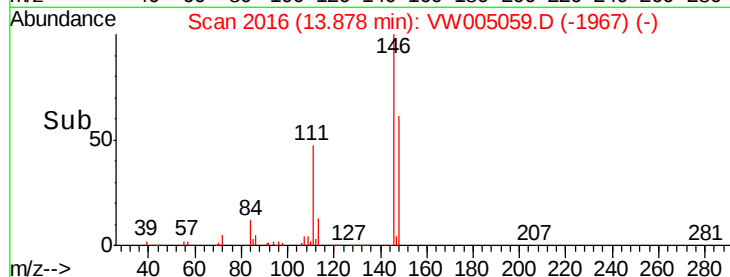
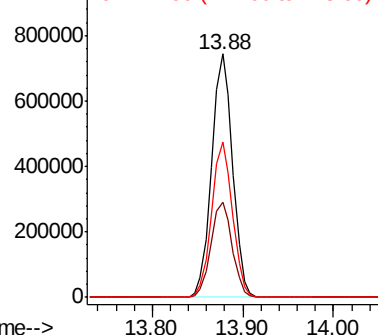


Abundance

Ion 145.90 (145.60 to 146.60): V

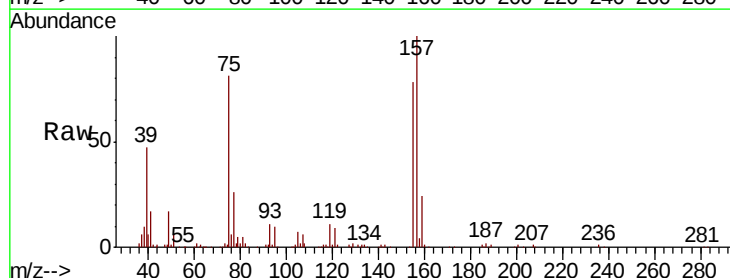
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 88.30 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.3	46.0	137.8
157	118.9	58.6	175.7

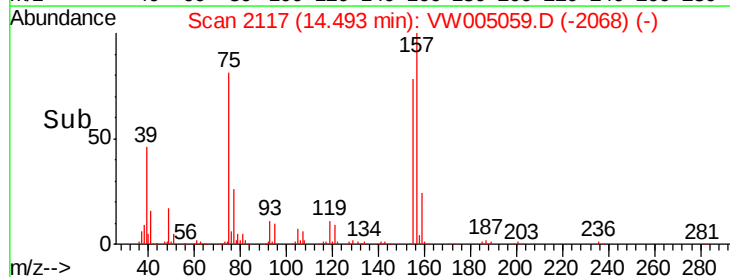
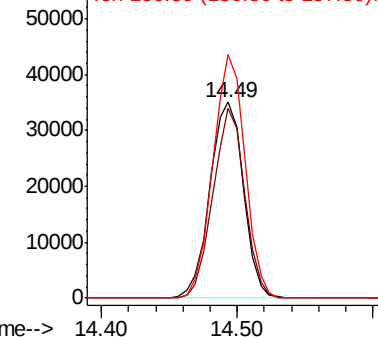


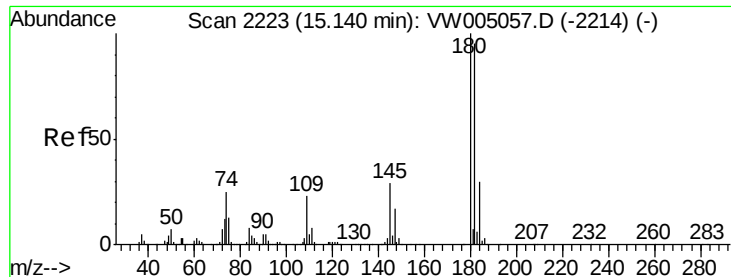
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





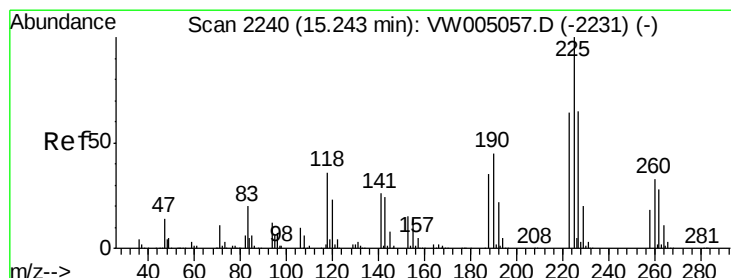
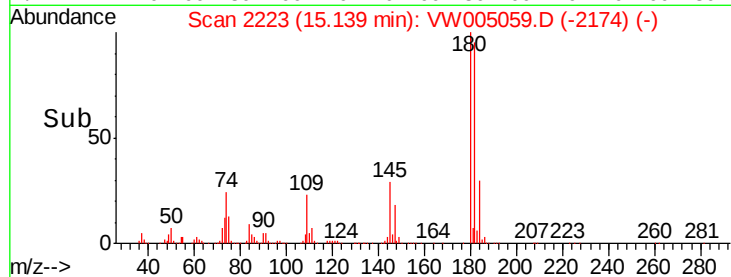
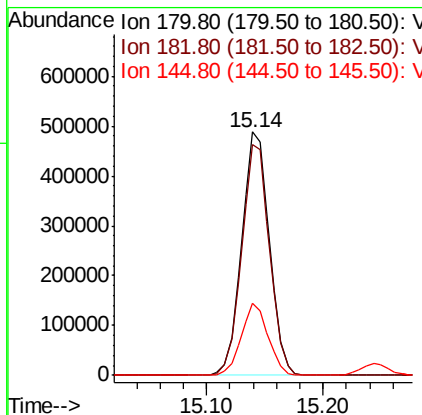
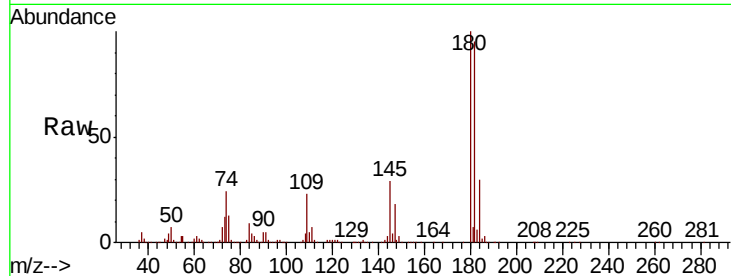
#93
 1,2,4-Trichlorobenzene
 Concen: 95.94 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.5	142.6	
145	28.7	14.4	43.2	

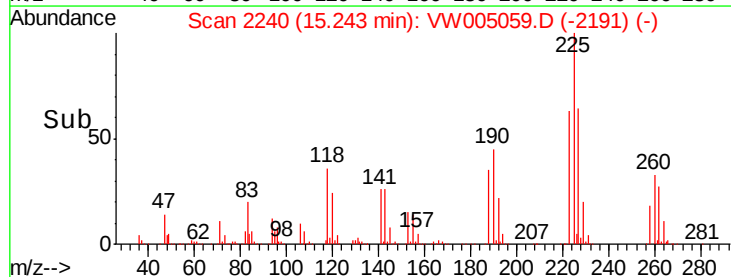
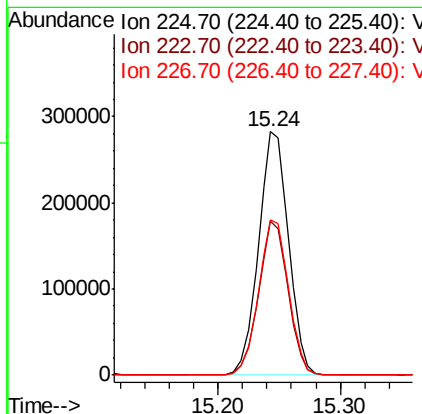
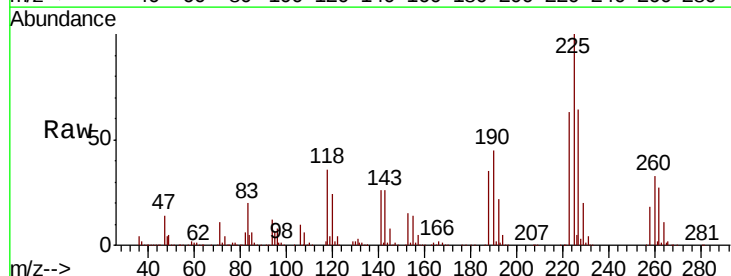
Manual Integrations
 APPROVED

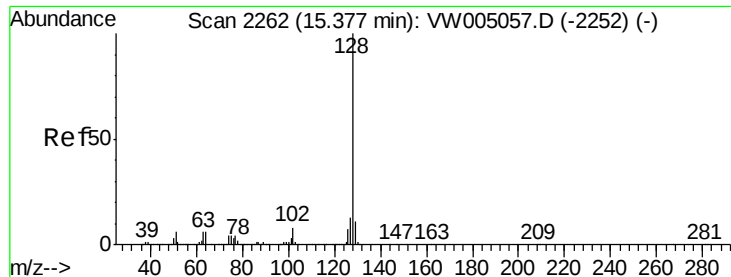
apatel
 9/4/2018 9:37:12 AM



#94
 Hexachlorobutadiene
 Concen: 91.30 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	31.4	94.3	
227	64.0	32.0	96.0	





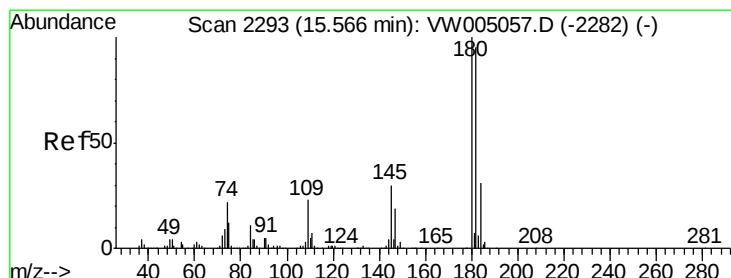
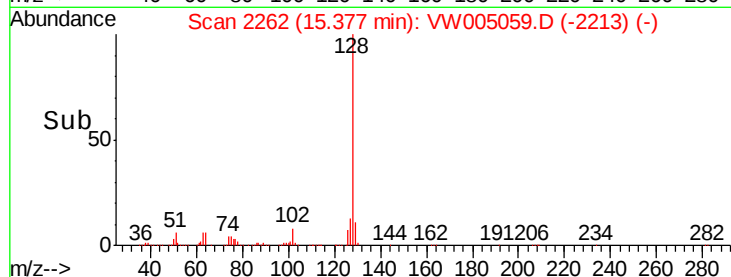
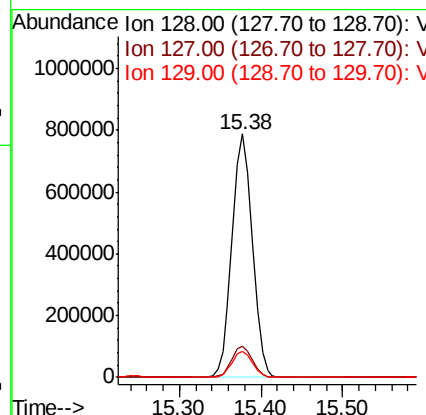
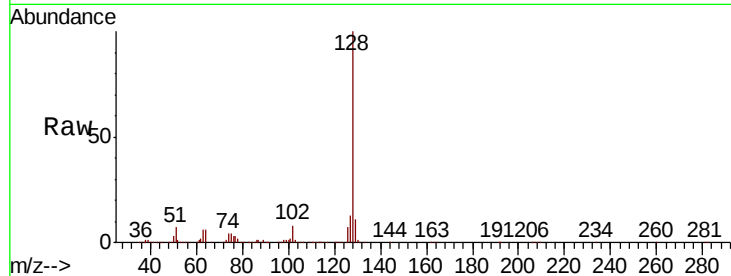
#95
Naphthalene
Concen: 98.71 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
9/4/2018 9:37:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 92.90 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.3
145	30.6	15.4	46.1

