

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005077.D
 Acq On : 04 Sep 2018 13:25
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/5/2018 10:02:11 AM

Quant Time: Sep 05 01:38:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	529737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	727688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	700111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	390322	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	181038	41.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.46%	
35) Dibromofluoromethane	7.89	113	193375	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
50) Toluene-d8	10.33	98	960680	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.62	95	341477	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	200445	46.96	ug/l	97
3) Chloromethane	2.22	50	268059	43.27	ug/l	98
4) Vinyl Chloride	2.36	62	285264	47.35	ug/l	98
5) Bromomethane	2.77	94	188816	51.83	ug/l	98
6) Chloroethane	2.92	64	171980	45.87	ug/l	100
7) Trichlorofluoromethane	3.26	101	334831	49.41	ug/l	99
8) Diethyl Ether	3.69	74	107272	43.75	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	231895	49.82	ug/l	99
10) Methyl Iodide	4.28	142	318938	46.17	ug/l	99
11) Tert butyl alcohol	5.20	59	66441	275.38	ug/l	99
12) 1,1-Dichloroethene	4.04	96	211986	49.49	ug/l	99
13) Acrolein	3.90	56	69826	244.98	ug/l	98
14) Allyl chloride	4.68	41	314127	46.91	ug/l	99
15) Acrylonitrile	5.38	53	236621	228.80	ug/l	100
16) Acetone	4.14	43	200548	227.72	ug/l	99
17) Carbon Disulfide	4.39	76	735427	49.27	ug/l	100
18) Methyl Acetate	4.68	43	105405	40.69	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	496100	47.70	ug/l	98
20) Methylene Chloride	4.92	84	322217	54.51	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	243824	46.72	ug/l	97
22) Diisopropyl ether	6.32	45	653428	46.37	ug/l	98
23) Vinyl Acetate	6.26	43	1790210	241.89	ug/l	100
24) 1,1-Dichloroethane	6.22	63	394721	44.82	ug/l	99
25) 2-Butanone	7.18	43	337208	220.76	ug/l	100
26) 2,2-Dichloropropane	7.17	77	370830	51.24	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	264007	46.24	ug/l	100
28) Bromochloromethane	7.52	49	171590	48.41	ug/l	94
29) Tetrahydrofuran	7.53	42	173833	222.72	ug/l	97
30) Chloroform	7.68	83	400772	44.59	ug/l	96
31) Cyclohexane	7.96	56	415473	48.17	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	380053	48.55	ug/l	99
36) 1,1-Dichloropropene	8.09	75	359969	51.94	ug/l	99
37) Ethyl Acetate	7.26	43	124418	48.00	ug/l	100
38) Carbon Tetrachloride	8.07	117	346870	52.64	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	463499	55.30	ug/l	98
40) Benzene	8.33	78	1048987	49.44	ug/l	99
41) Methacrylonitrile	7.49	41	68214	45.42	ug/l	90
42) 1,2-Dichloroethane	8.40	62	238410	45.91	ug/l	99
43) Isopropyl Acetate	8.43	43	229821	48.73	ug/l	98
44) Trichloroethene	9.10	130	292723	51.14	ug/l	96
45) 1,2-Dichloropropane	9.37	63	245848	47.43	ug/l	100
46) Dibromomethane	9.46	93	116068	46.83	ug/l	98
47) Bromodichloromethane	9.65	83	300541	48.16	ug/l	100
48) Methyl methacrylate	9.44	41	115035	50.65	ug/l	96
49) 1,4-Dioxane	9.47	88	43121	1075.88	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	809721	256.17	ug/l	98
52) Toluene	10.39	92	750305	52.19	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	320917	52.33	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	380947	51.08	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	187158	48.77	ug/l	99
56) Ethyl methacrylate	10.65	69	239754	54.77	ug/l	97
57) 1,3-Dichloropropane	10.94	76	308153	48.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	545891	263.15	ug/l	98
59) 2-Hexanone	10.98	43	582690	272.55	ug/l	98
60) Dibromochloromethane	11.13	129	218021	50.26	ug/l	99
61) 1,2-Dibromoethane	11.24	107	171138	49.40	ug/l	99
64) Tetrachloroethene	10.87	164	285649	52.00	ug/l	97
65) Chlorobenzene	11.66	112	824045	52.28	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	249079	51.71	ug/l	99
67) Ethyl Benzene	11.74	91	1451141	54.46	ug/l	99
68) m/p-Xylenes	11.85	106	1178426	110.46	ug/l	99
69) o-Xylene	12.17	106	541594	54.91	ug/l	99
70) Styrene	12.19	104	895309	54.95	ug/l	100
71) Bromoform	12.35	173	134104	52.53	ug/l #	98
73) Isopropylbenzene	12.47	105	1487106	54.03	ug/l	99
74) N-amyl acetate	12.28	43	250731	52.91	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	207268	49.47	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	137821m	47.04	ug/l	
77) Bromobenzene	12.75	156	348788	51.43	ug/l	98
78) n-propylbenzene	12.81	91	1791696	53.93	ug/l	99
79) 2-Chlorotoluene	12.90	91	1005921	51.90	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1273643	53.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	66959	55.01	ug/l	98
82) 4-Chlorotoluene	12.99	91	1055093	51.55	ug/l	99
83) tert-Butylbenzene	13.21	119	1091532	54.92	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1297722	53.54	ug/l	100
85) sec-Butylbenzene	13.39	105	1574710	53.91	ug/l	100
86) p-Isopropyltoluene	13.51	119	1427408	55.21	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	718010	51.54	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	713191	51.61	ug/l	100
89) n-Butylbenzene	13.83	91	1327581	55.40	ug/l	100
90) Hexachloroethane	14.10	117	221904	51.67	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	632640	52.11	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	33797	51.62	ug/l	95

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QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	464516	57.06	ug/l	100
94) Hexachlorobutadiene	15.25	225	285999	56.48	ug/l	99
95) Naphthalene	15.38	128	764024	53.95	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	400414	57.47	ug/l	100

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

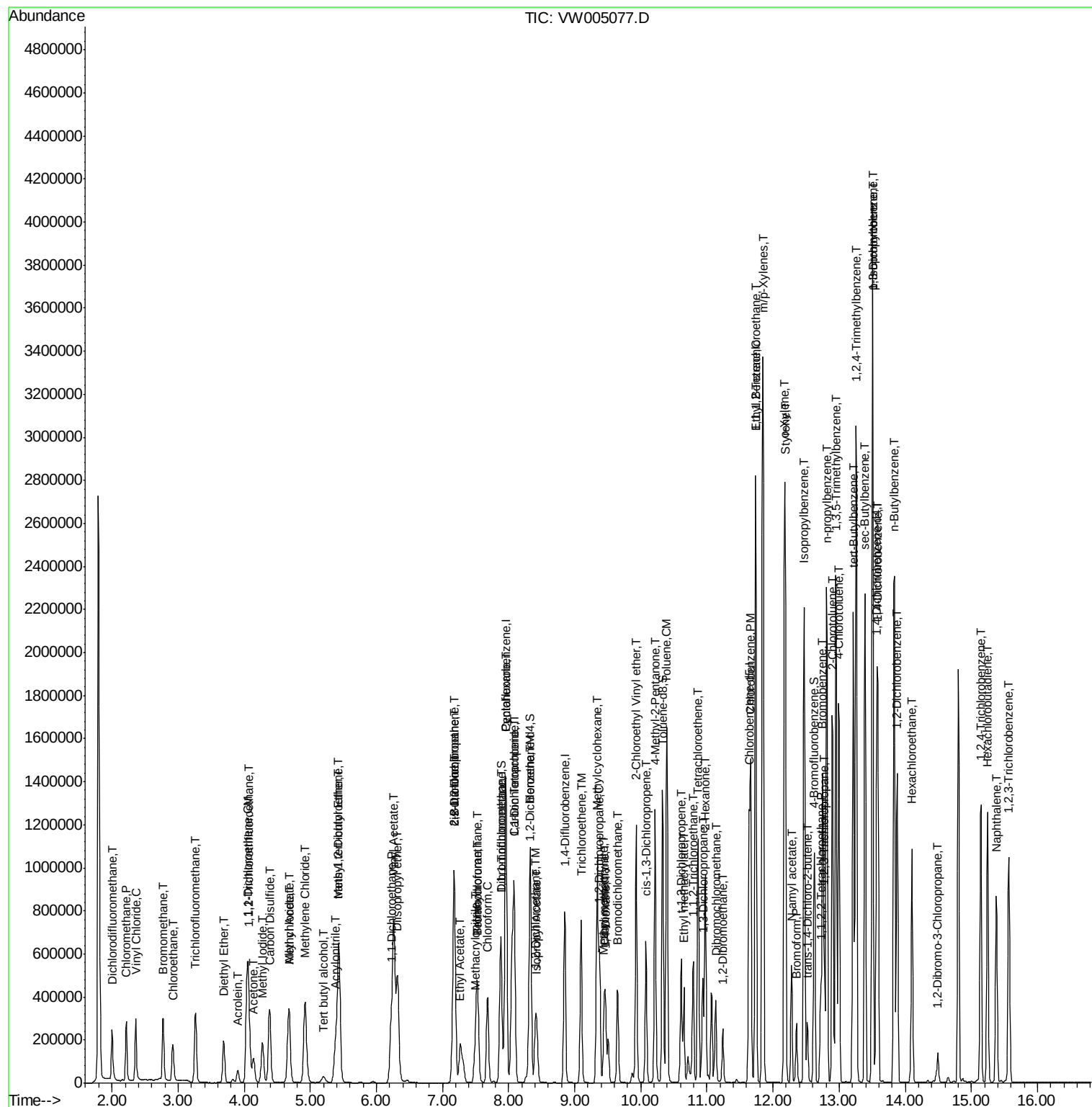
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Data File : VW005077.D
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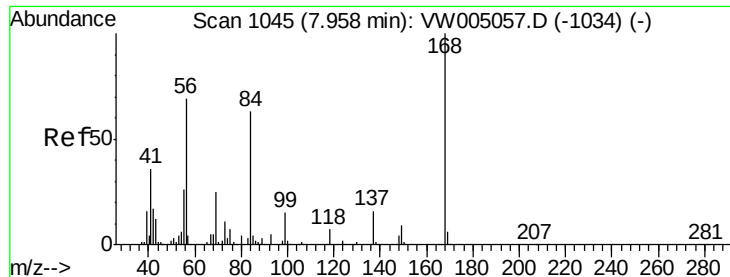
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 529737

Ion Ratio Lower Upper

168 100

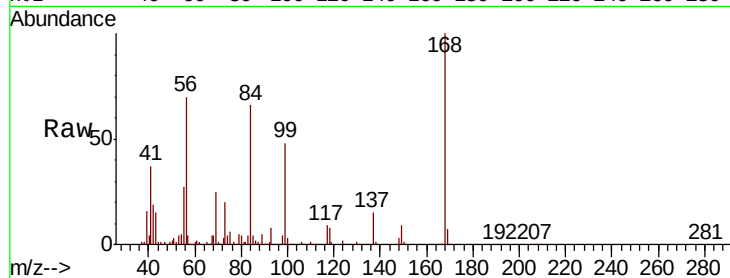
99 47.7 39.4 59.0

Manual Integrations

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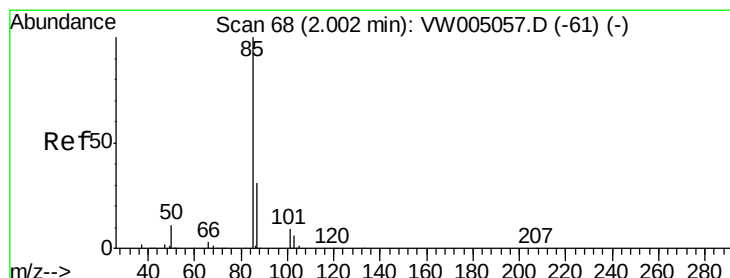
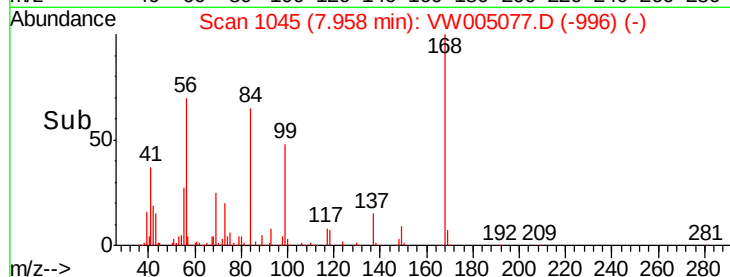
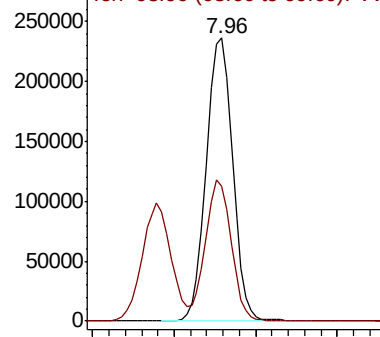
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 46.96 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005077.D

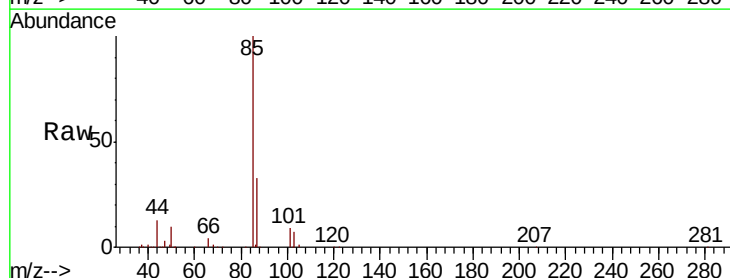
Acq: 04 Sep 2018 13:25

Tgt Ion: 85 Resp: 200445

Ion Ratio Lower Upper

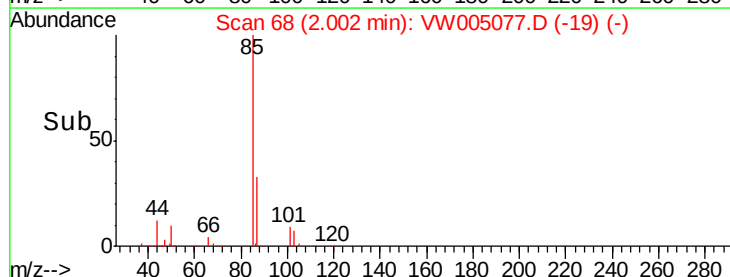
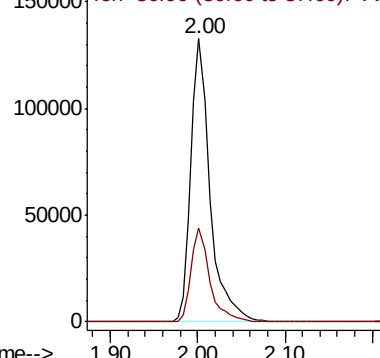
85 100

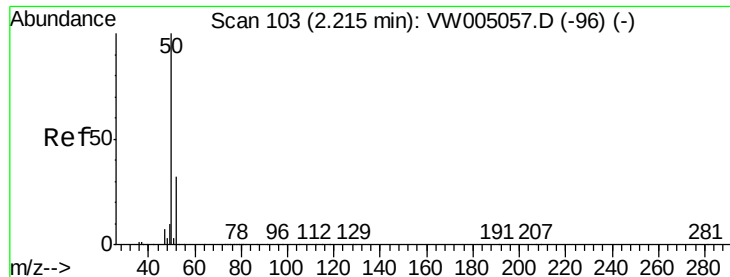
87 33.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 43.27 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 268059

Ion Ratio Lower Upper

50 100

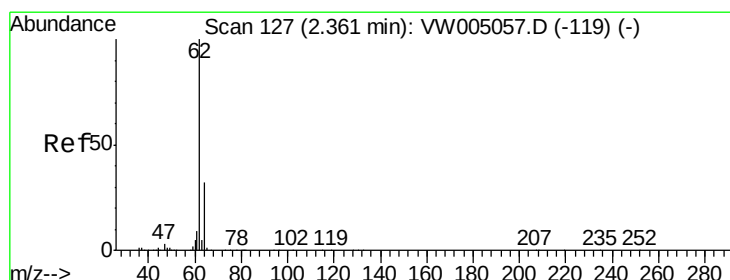
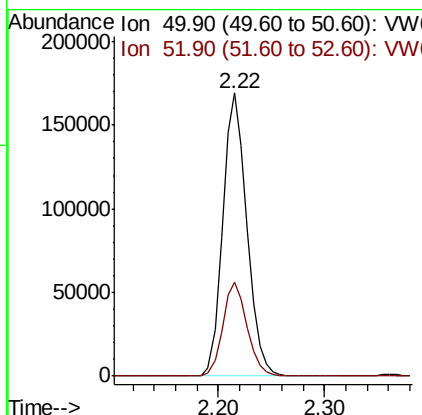
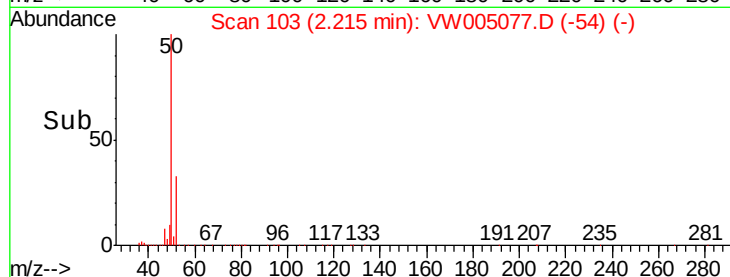
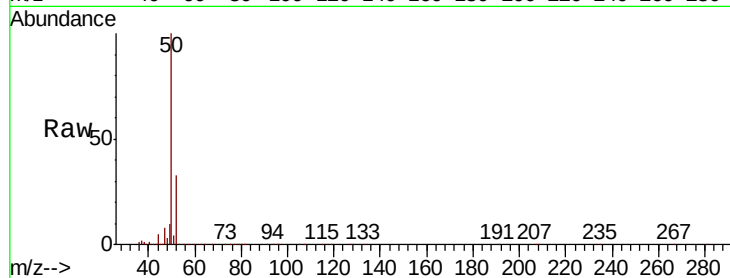
52 33.0 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.35 ug/l

RT: 2.36 min Scan# 127

Delta R.T. -0.00 min

Lab File: VW005077.D

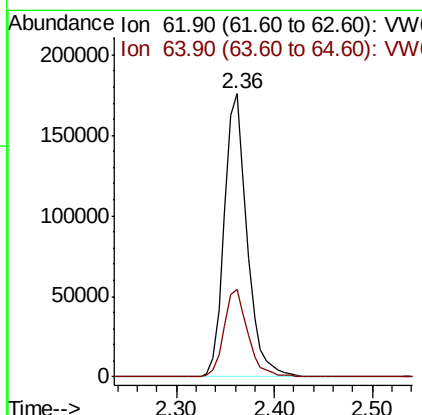
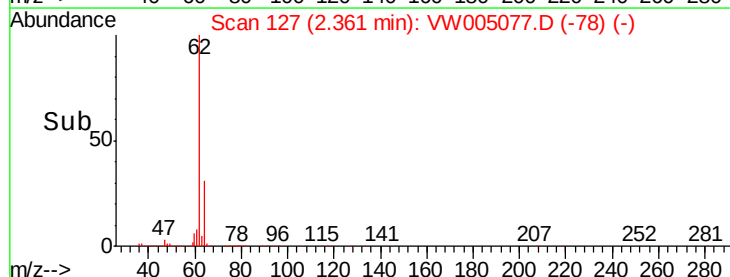
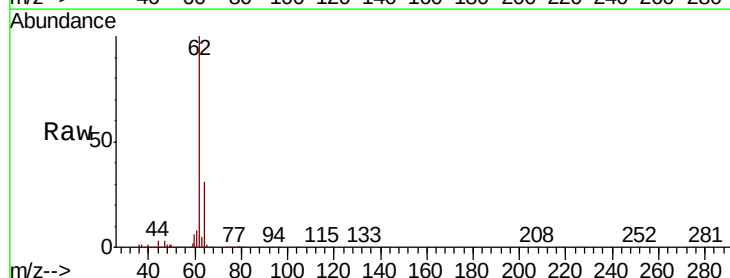
Acq: 04 Sep 2018 13:25

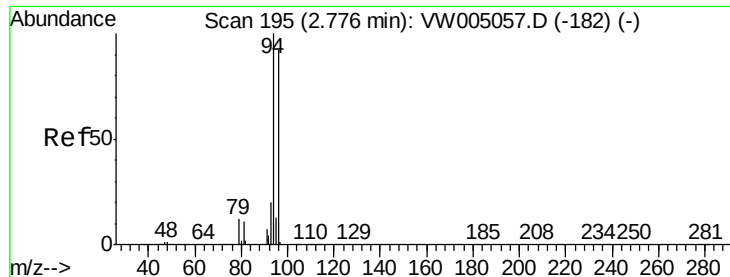
Tgt Ion: 62 Resp: 285264

Ion Ratio Lower Upper

62 100

64 30.8 25.6 38.4





#5

Bromomethane

Concen: 51.83 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 188816

Ion Ratio Lower Upper

94 100

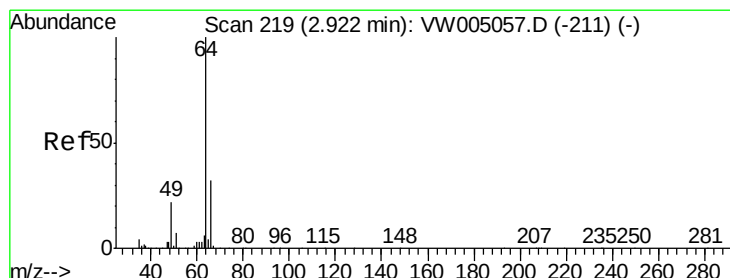
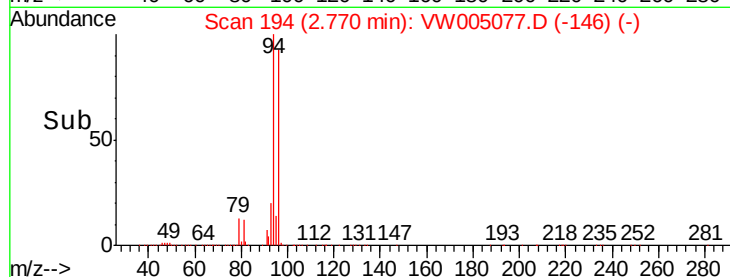
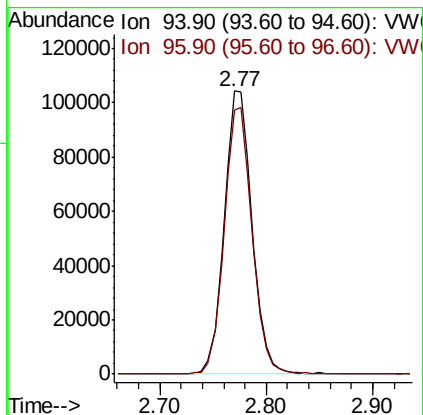
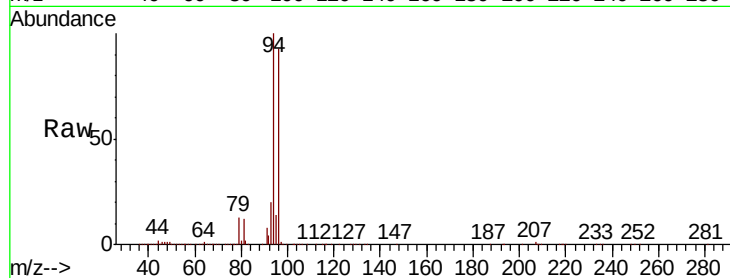
96 93.4 73.2 109.8

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#6

Chloroethane

Concen: 45.87 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW005077.D

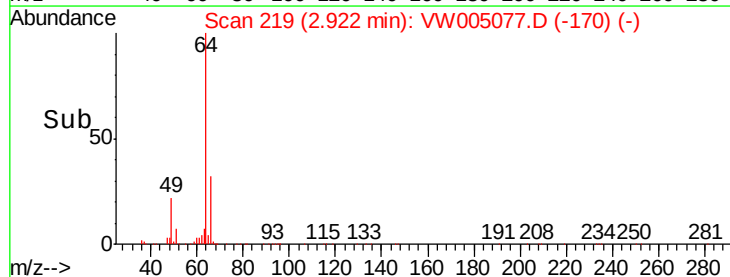
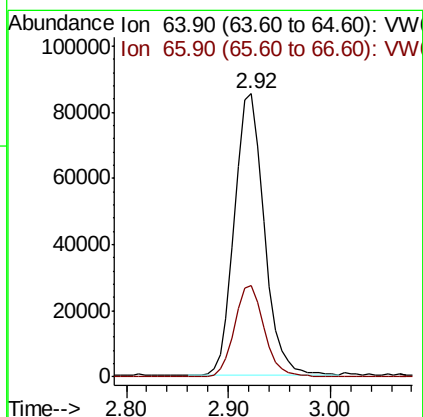
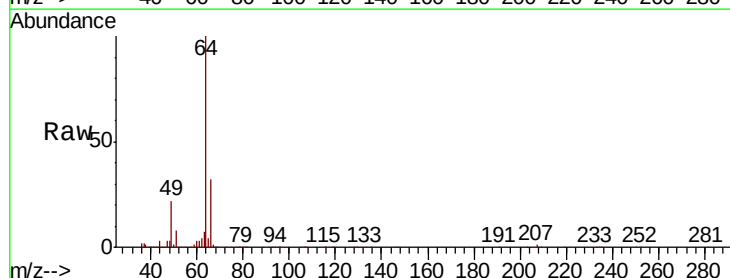
Acq: 04 Sep 2018 13:25

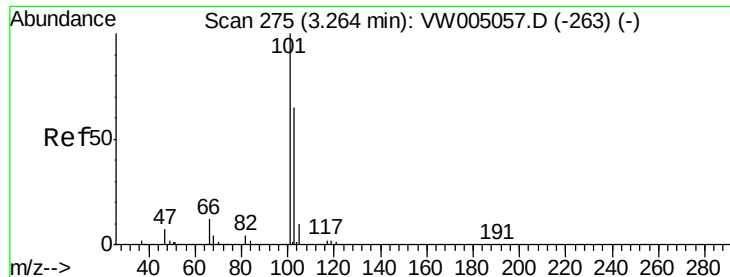
Tgt Ion: 64 Resp: 171980

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5





#7

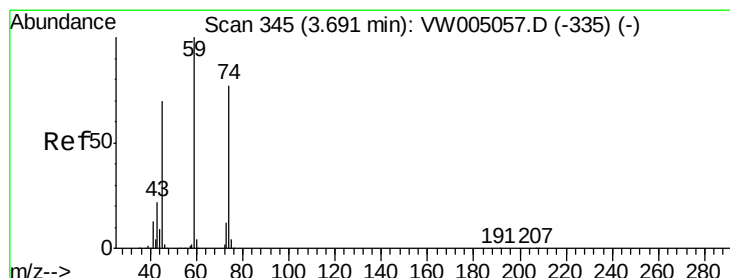
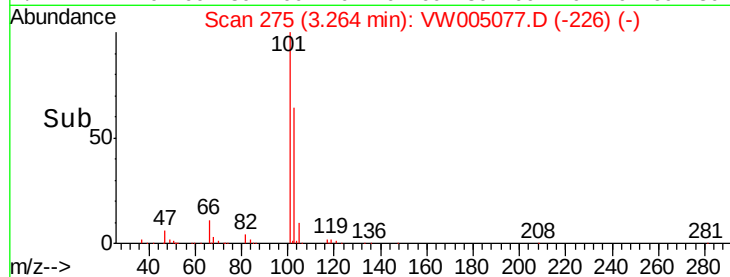
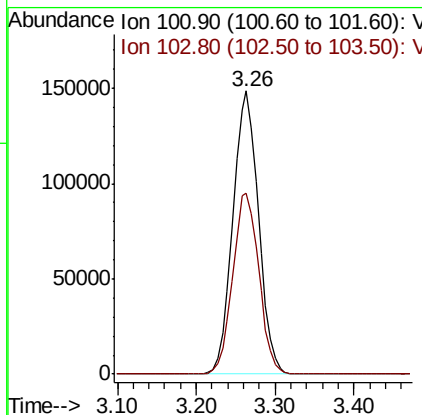
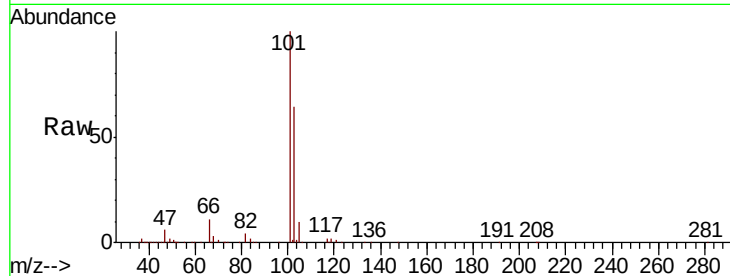
Trichlorofluoromethane
 Concen: 49.41 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.9	77.9

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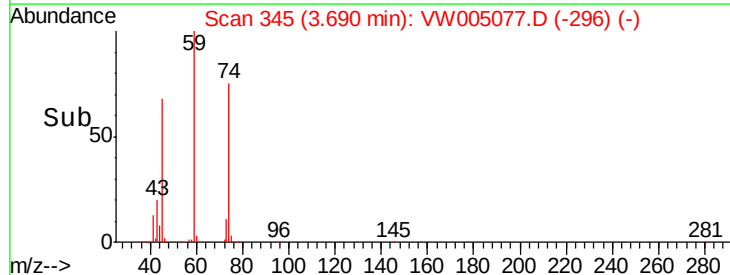
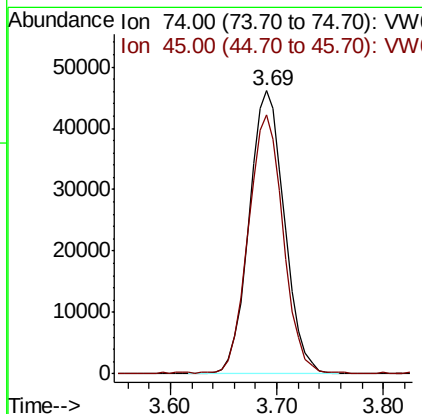
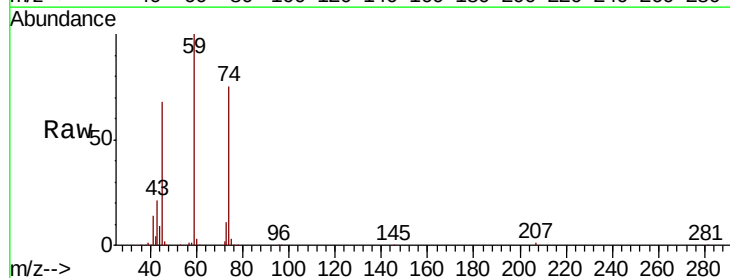
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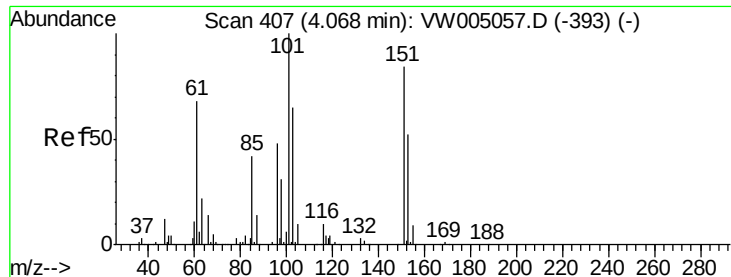


#8

Diethyl Ether
 Concen: 43.75 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.1	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.82 ug/l

RT: 4.07 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005077.D

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Instrument :

MSVOA_W

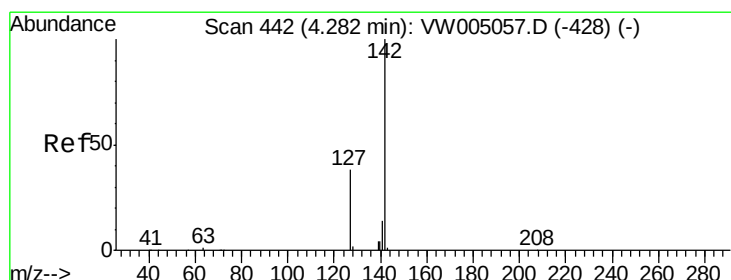
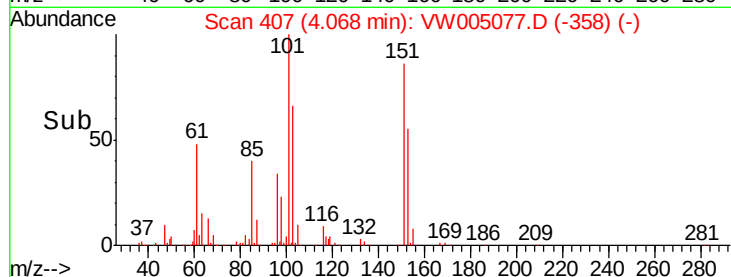
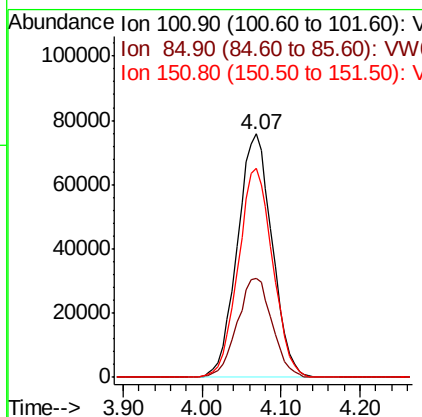
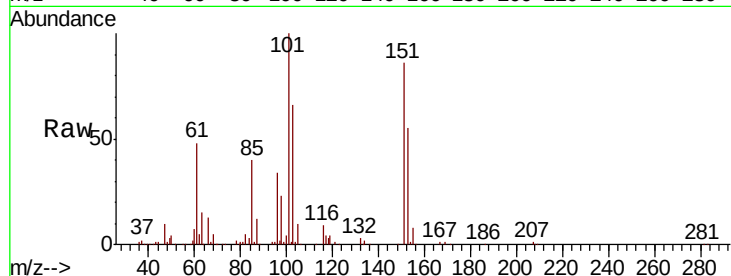
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	231895
Ion Ratio	Lower	Upper	
101	100		
85	40.7	33.0	49.6
151	85.2	67.0	100.6

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#10

Methyl Iodide

Concen: 46.17 ug/l

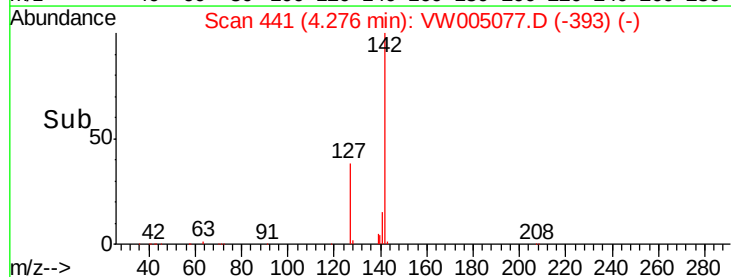
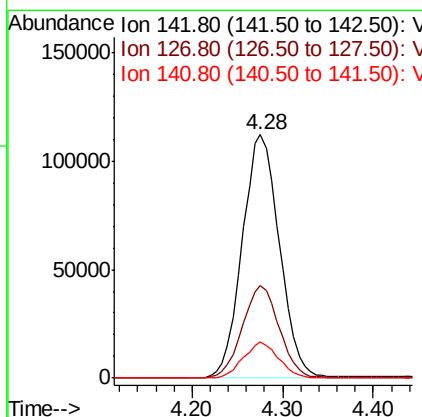
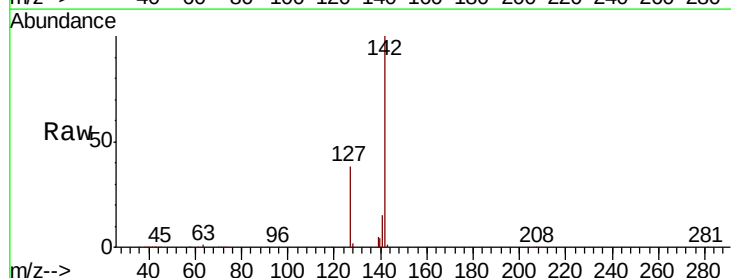
RT: 4.28 min Scan# 441

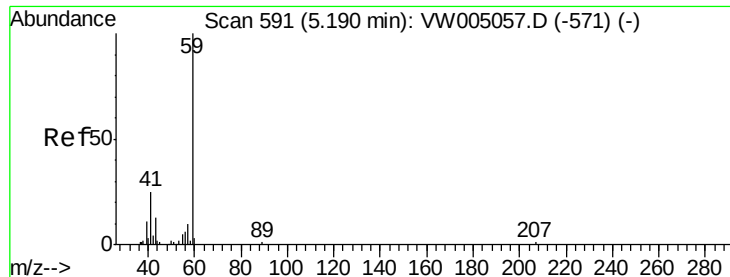
Delta R.T. -0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Tgt Ion:	142	Resp:	318938
Ion Ratio	Lower	Upper	
142	100		
127	37.8	30.8	46.2
141	14.2	11.6	17.4





#11

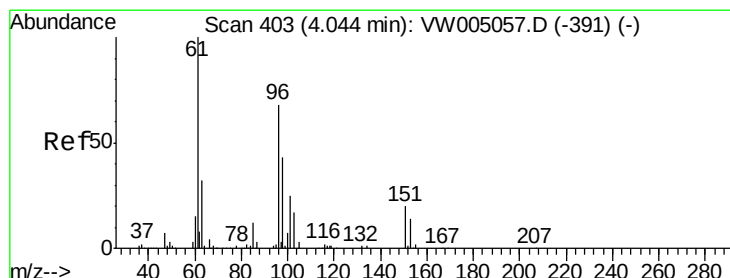
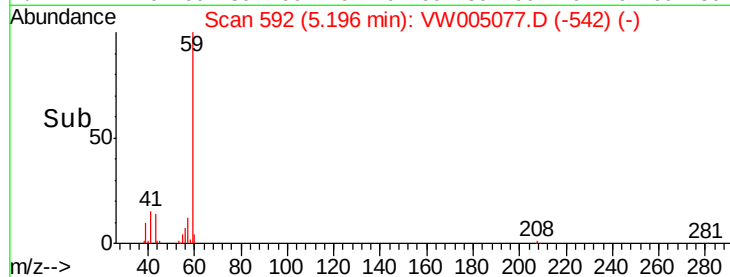
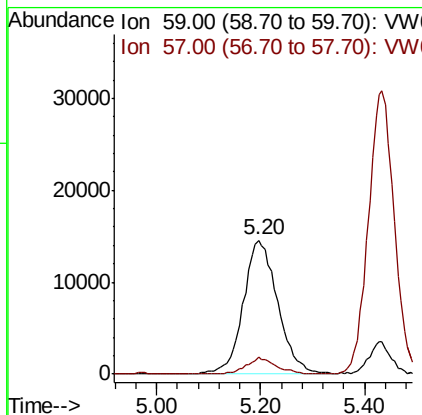
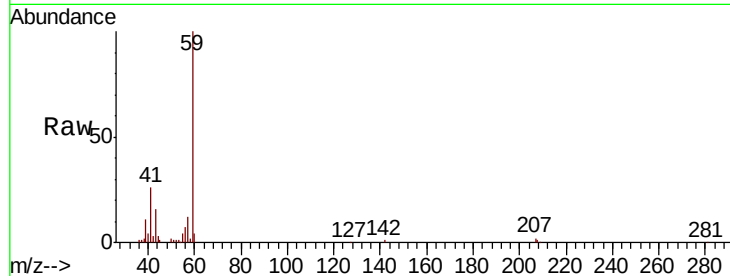
Tert butyl alcohol
Concen: 275.38 ug/l
RT: 5.20 min Scan# 592
Delta R.T. 0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	59	Resp	66441
Ion Ratio	100	Lower	Upper
57	10.3	8.6	12.8

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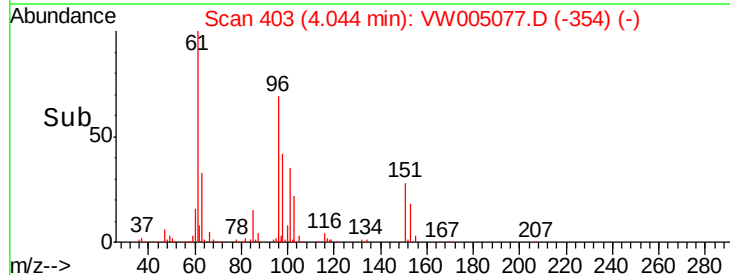
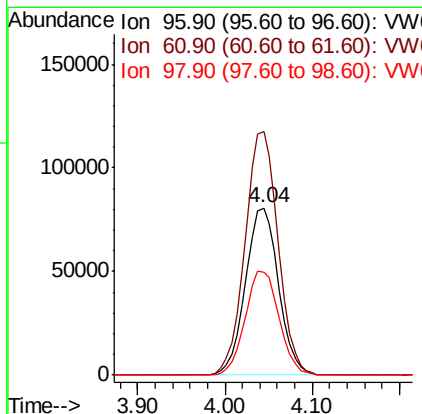
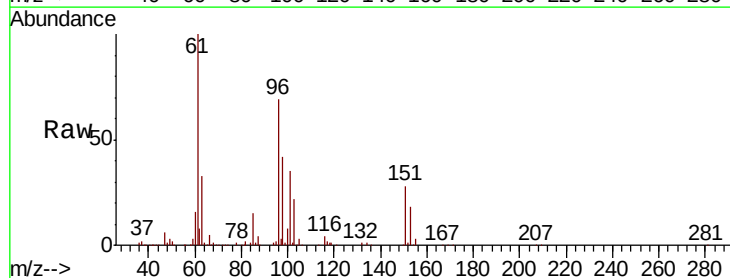
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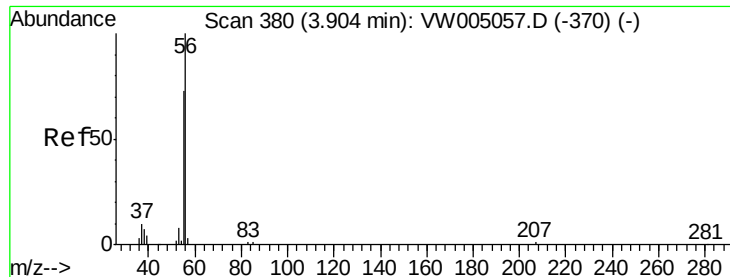


#12

1,1-Dichloroethene
Concen: 49.49 ug/l
RT: 4.04 min Scan# 403
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion	96	Resp	211986
Ion Ratio	100	Lower	Upper
61	145.6	117.4	176.0
98	61.5	51.0	76.4





#13

Acrolein

Concen: 244.98 ug/l

RT: 3.90 min Scan# 380

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 69826

Ion Ratio Lower Upper

56 100

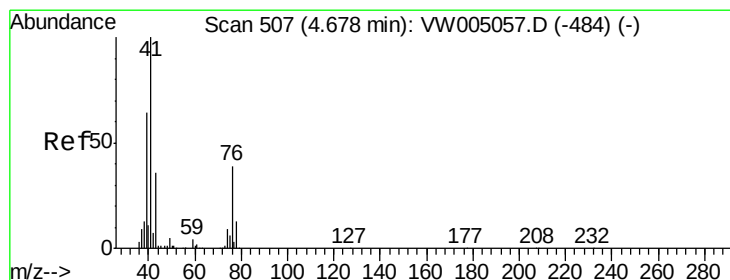
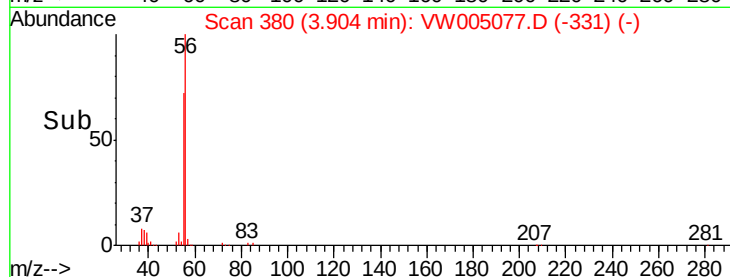
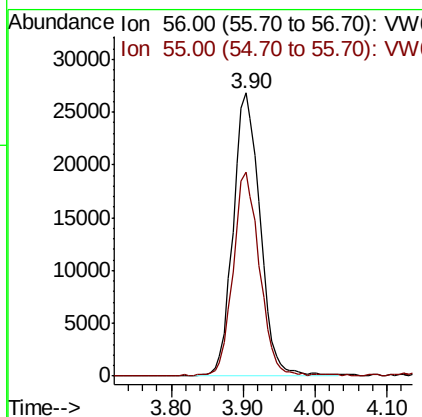
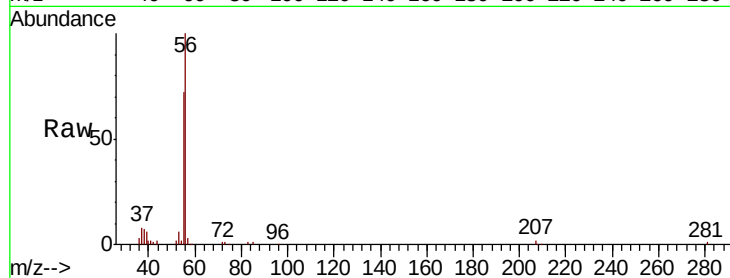
55 70.8 58.1 87.1

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#14

Allyl chloride

Concen: 46.91 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

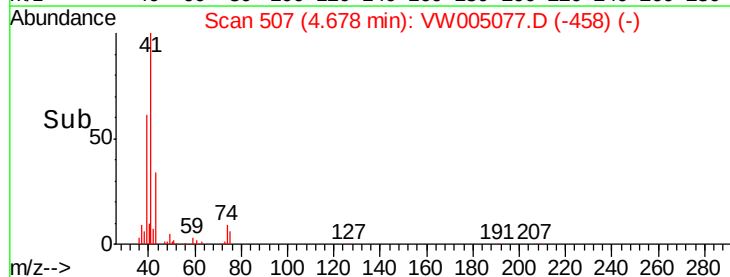
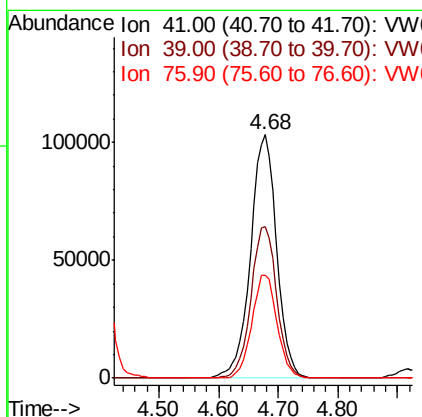
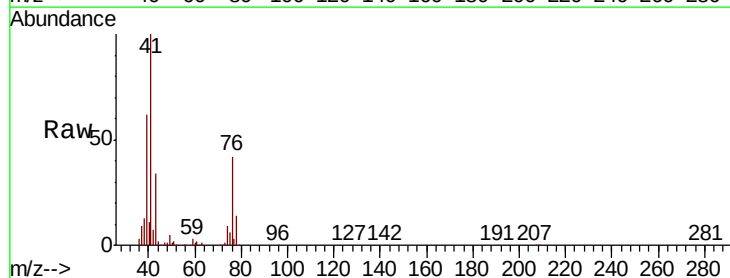
Tgt Ion: 41 Resp: 314127

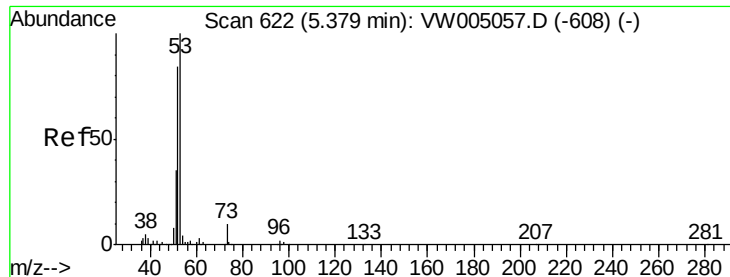
Ion Ratio Lower Upper

41 100

39 61.8 49.4 74.2

76 40.5 31.8 47.6





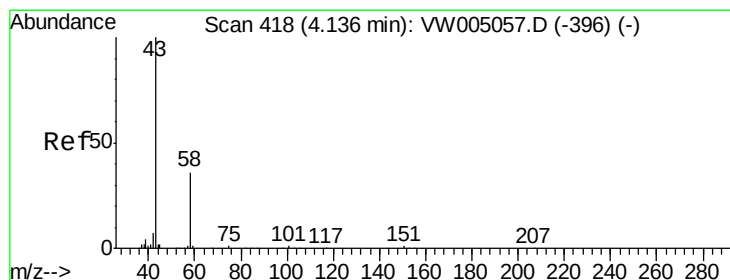
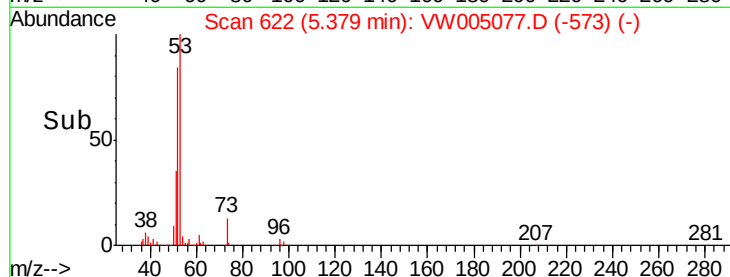
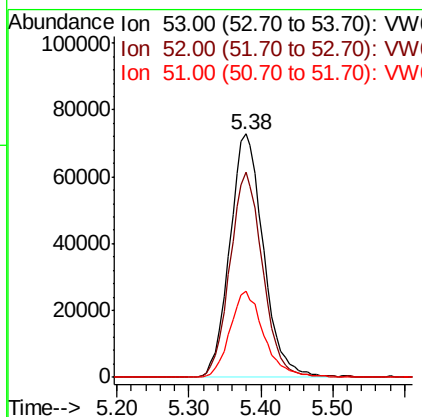
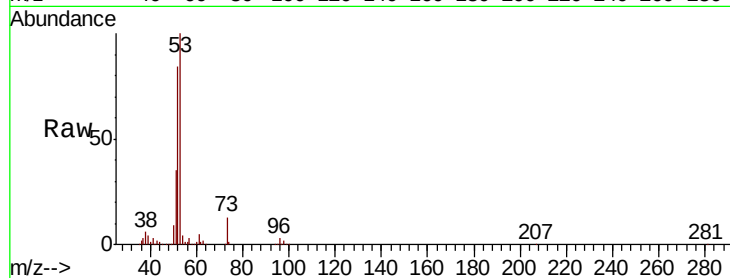
#15
 Acrylonitrile
 Concen: 228.80 ug/l
 RT: 5.38 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	236621
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.7	98.5
51	35.7	28.8	43.2

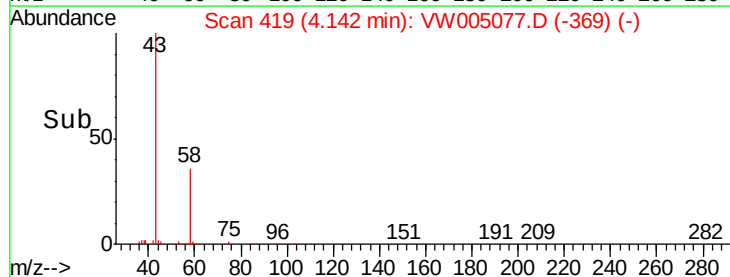
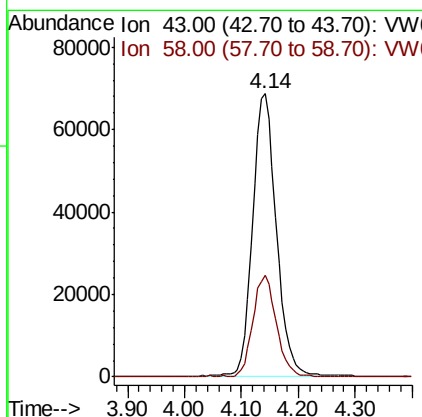
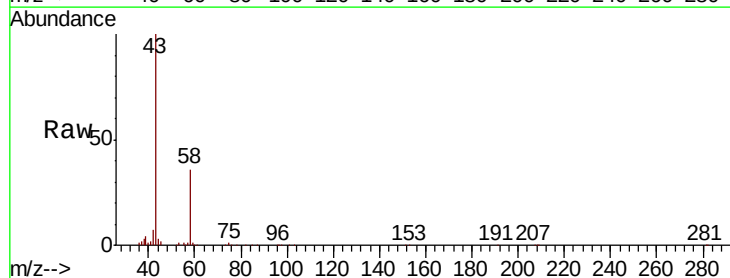
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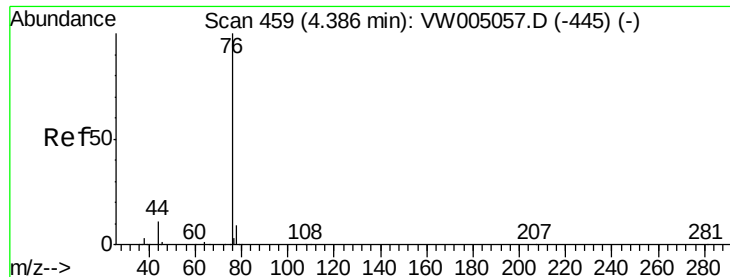
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#16
 Acetone
 Concen: 227.72 ug/l
 RT: 4.14 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion:	43	Resp:	200548
Ion Ratio	Lower	Upper	
43	100		
58	35.8	29.0	43.6





#17

Carbon Disulfide

Concen: 49.27 ug/l

RT: 4.39 min Scan# 459

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 735427

Ion Ratio Lower Upper

76 100

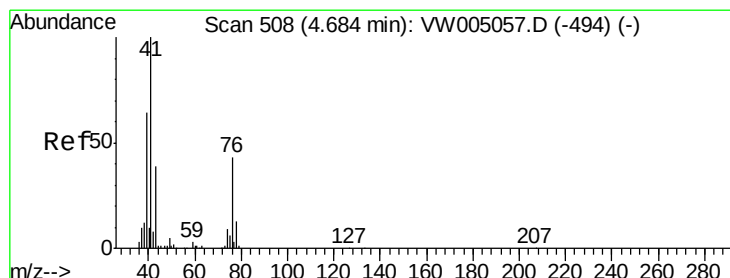
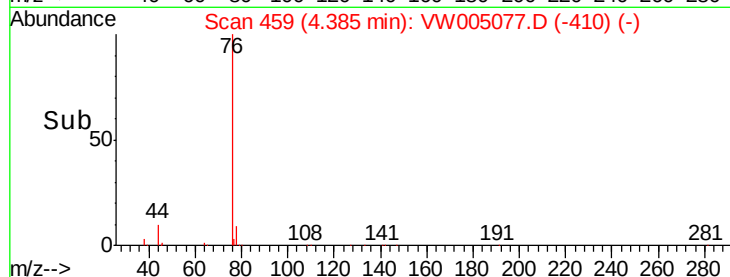
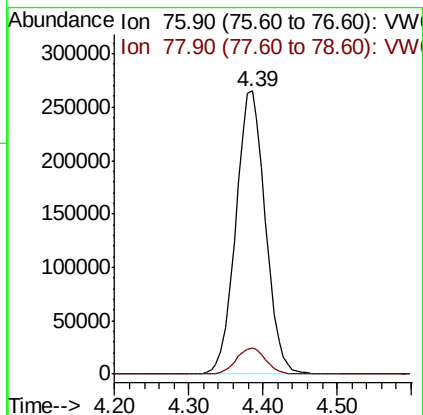
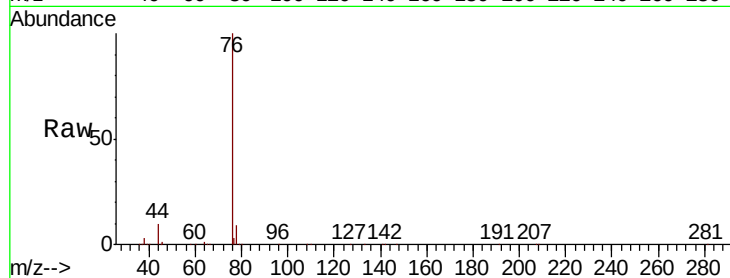
78 9.0 7.3 10.9

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#18

Methyl Acetate

Concen: 40.69 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW005077.D

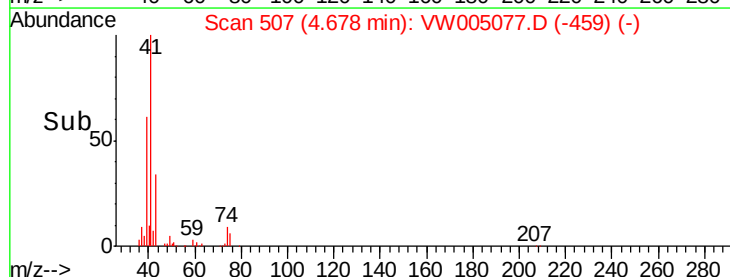
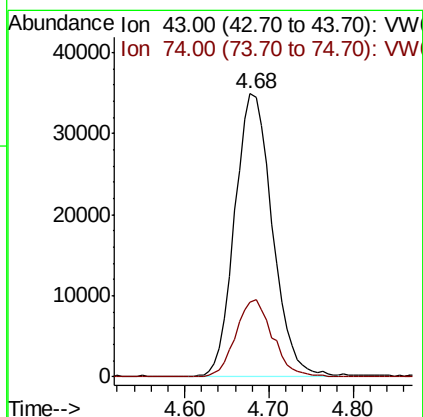
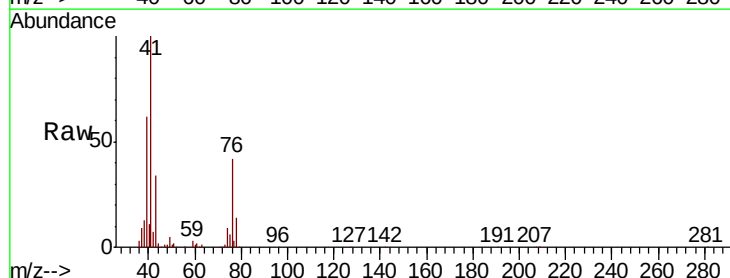
Acq: 04 Sep 2018 13:25

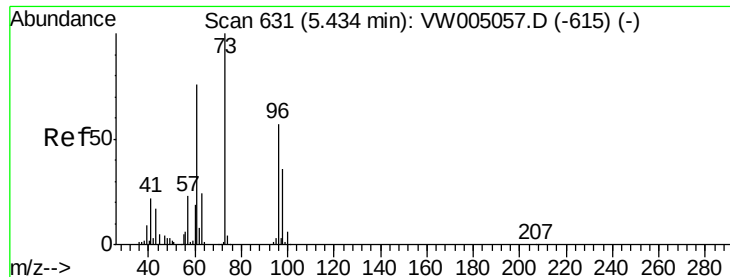
Tgt Ion: 43 Resp: 105405

Ion Ratio Lower Upper

43 100

74 26.9 20.7 31.1





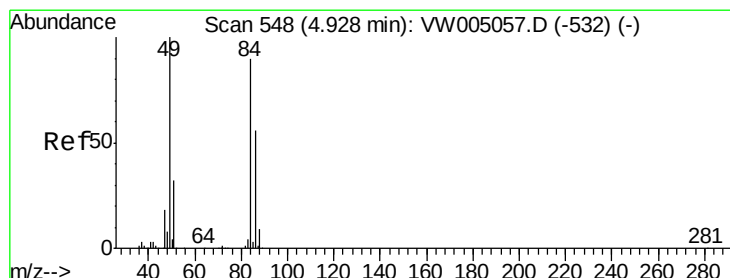
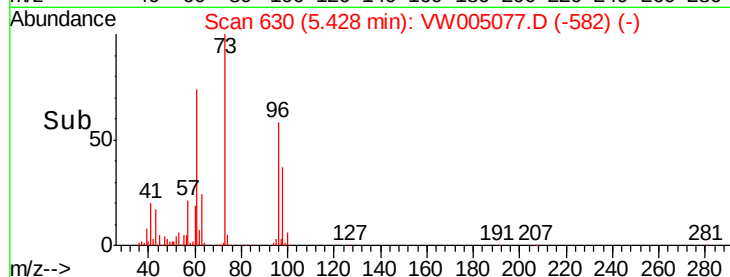
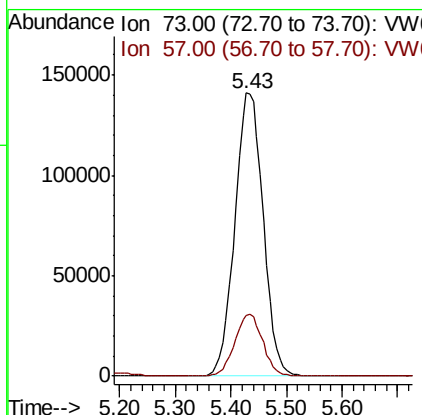
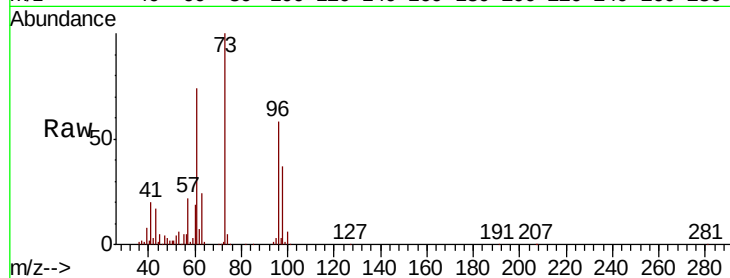
#19
Methyl tert-butyl Ether
Concen: 47.70 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	18.1	27.1

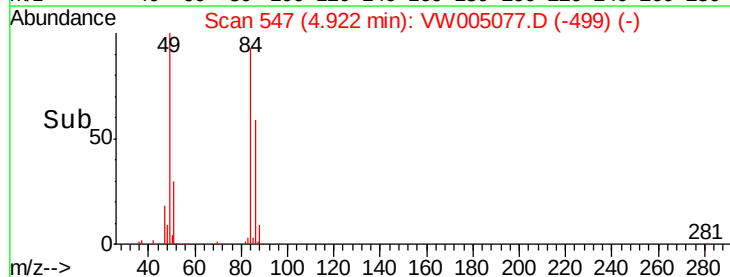
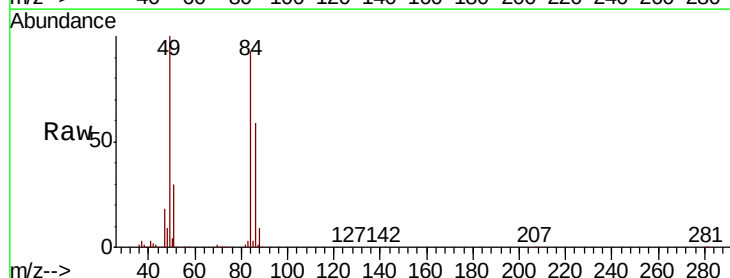
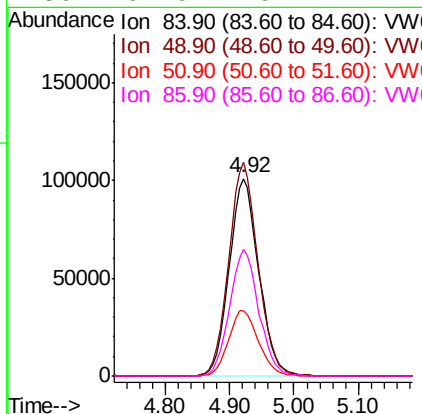
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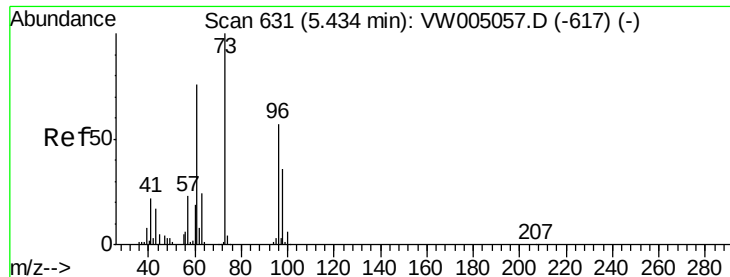
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#20
Methylene Chloride
Concen: 54.51 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.0	88.7	133.1
51	32.9	28.6	42.8
86	64.0	49.4	74.2





#21

trans-1,2-Dichloroethene

Concen: 46.72 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

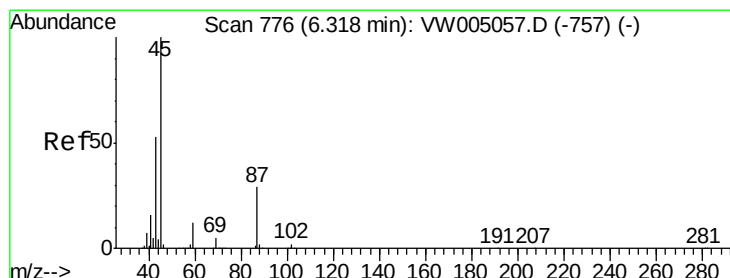
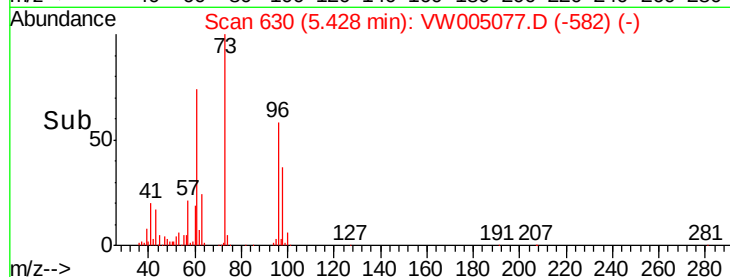
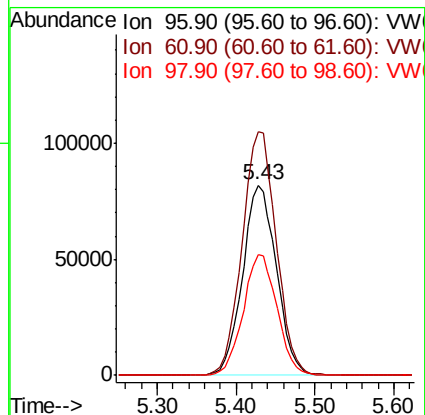
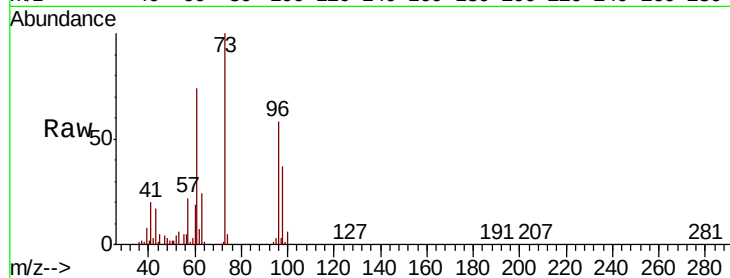
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	243824
Ion	Ratio	Lower	Upper
96	100		
61	127.9	106.3	159.5
98	63.3	50.9	76.3

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#22

Diisopropyl ether

Concen: 46.37 ug/l

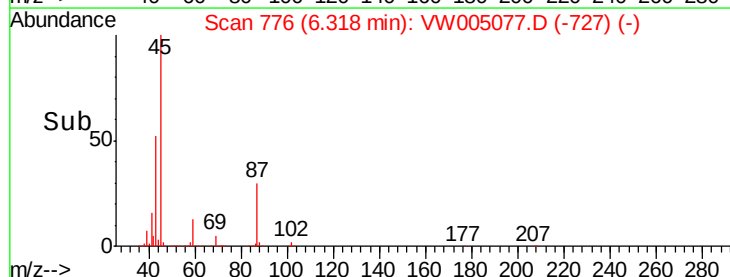
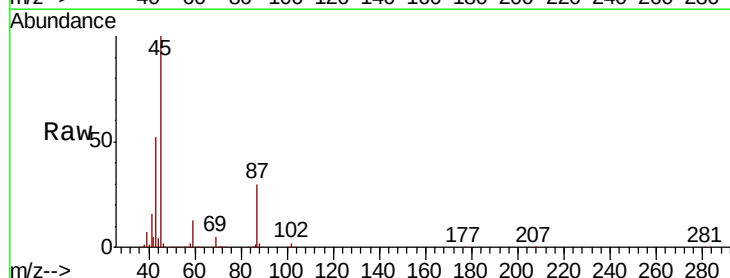
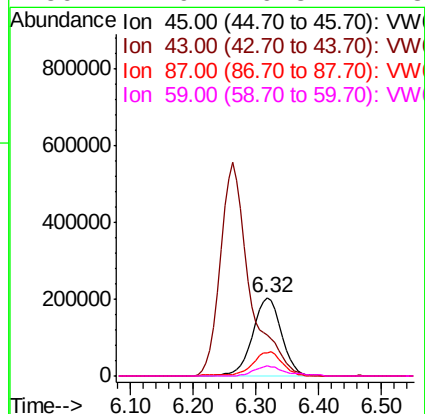
RT: 6.32 min Scan# 776

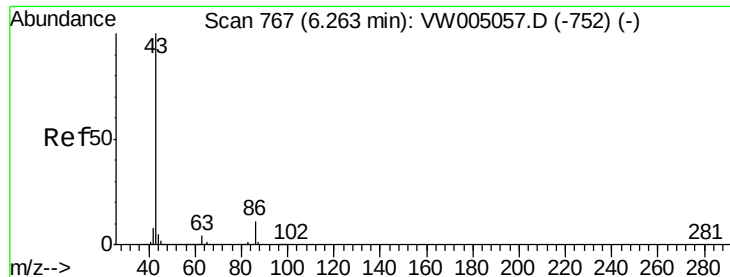
Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Tgt Ion:	45	Resp:	653428
Ion	Ratio	Lower	Upper
45	100		
43	51.5	42.6	63.8
87	29.4	23.6	35.4
59	12.9	9.8	14.8





#23

Vinyl Acetate

Concen: 241.89 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1790210

Ion Ratio Lower Upper

43 100

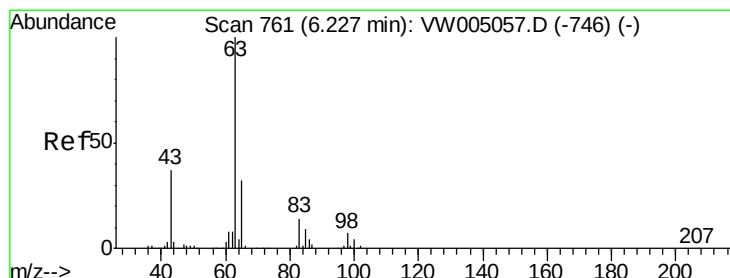
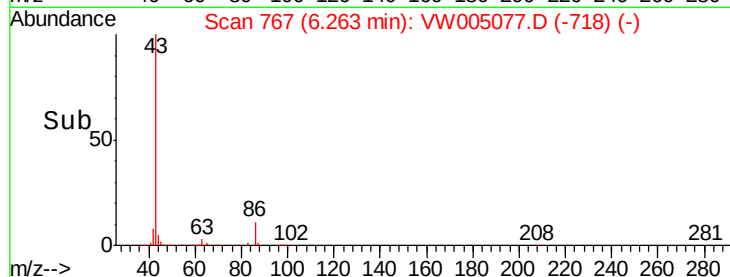
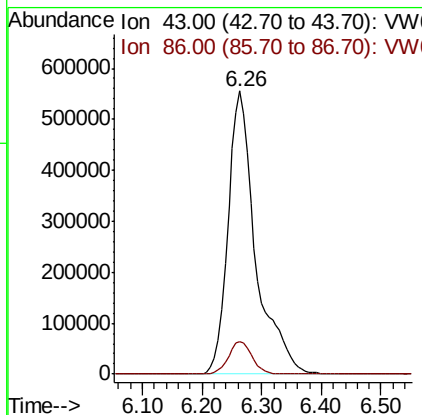
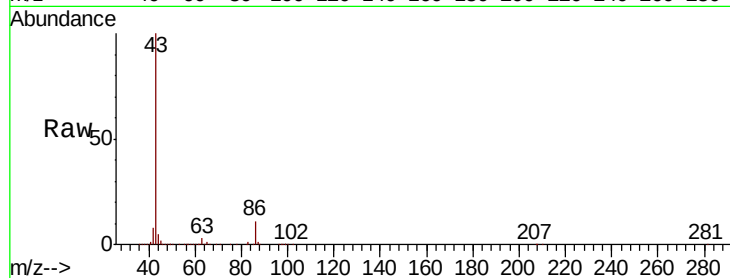
86 11.3 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 44.82 ug/l

RT: 6.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

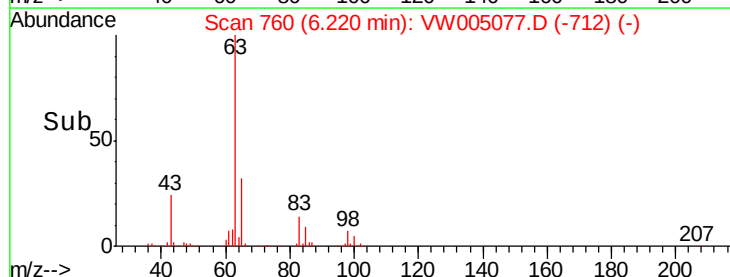
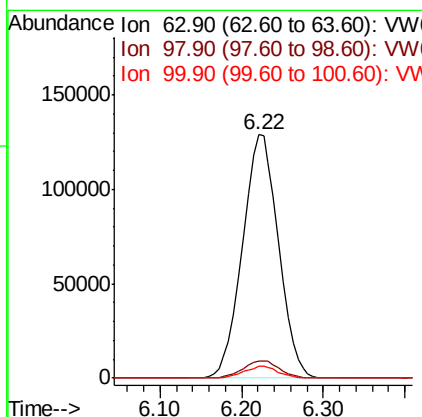
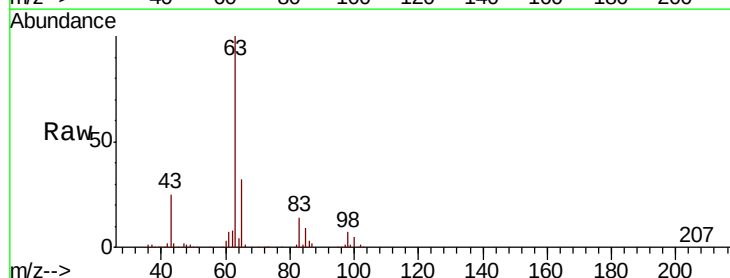
Tgt Ion: 63 Resp: 394721

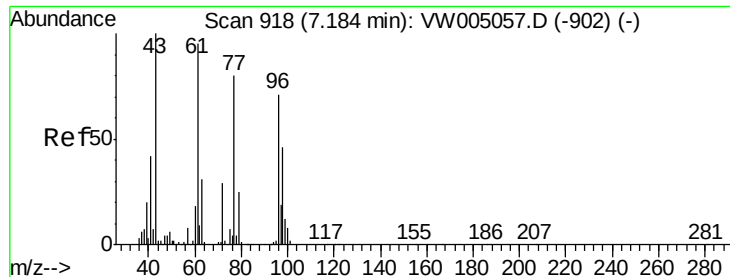
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 5.0 2.2 6.6





#25

2-Butanone

Concen: 220.76 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 337208

Ion Ratio Lower Upper

43 100

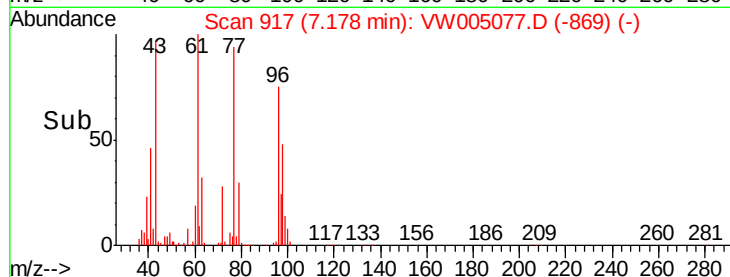
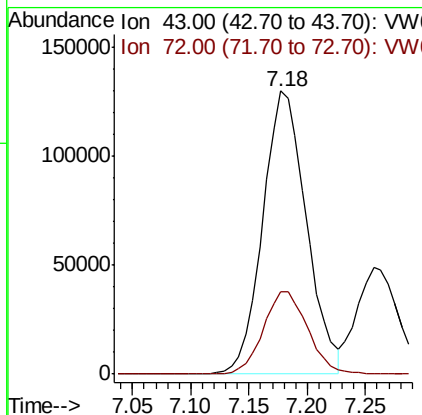
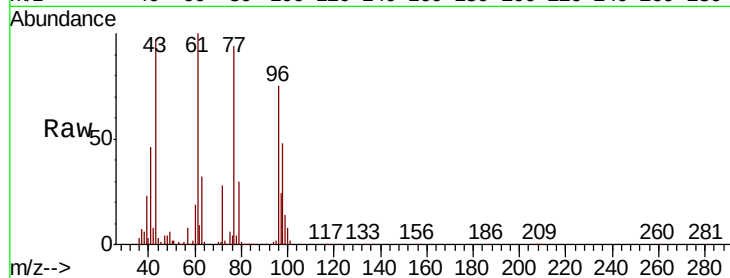
72 29.0 23.1 34.7

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#26

2,2-Dichloropropane

Concen: 51.24 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005077.D

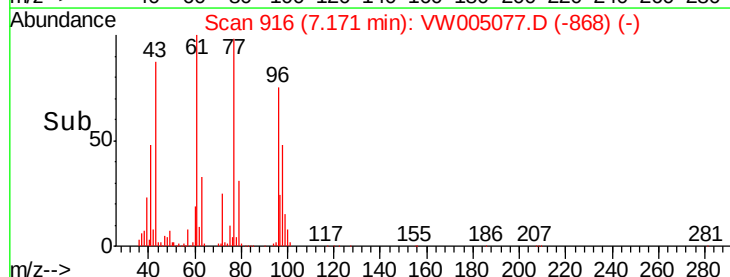
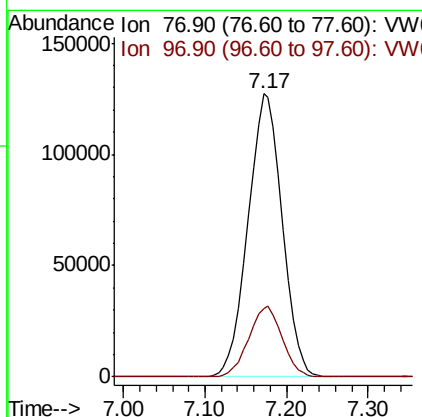
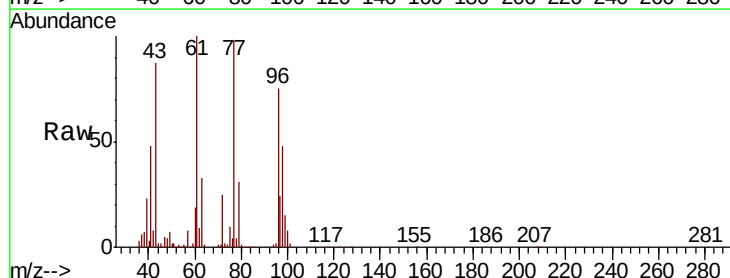
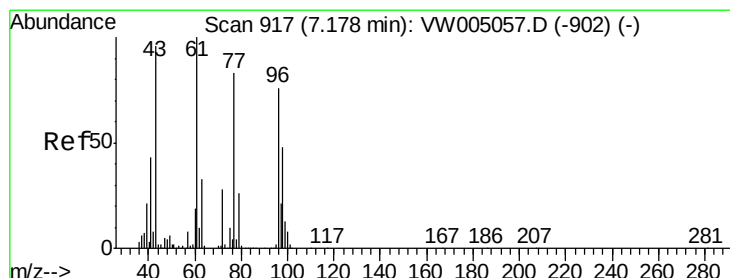
Acq: 04 Sep 2018 13:25

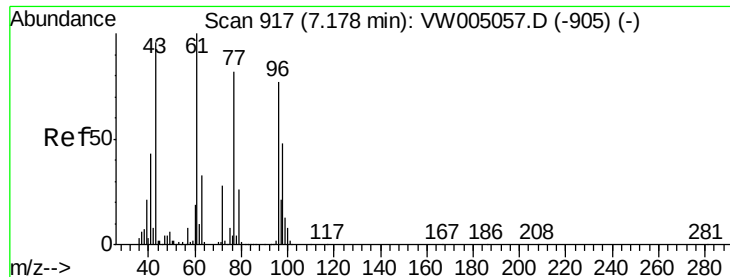
Tgt Ion: 77 Resp: 370830

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6





#27

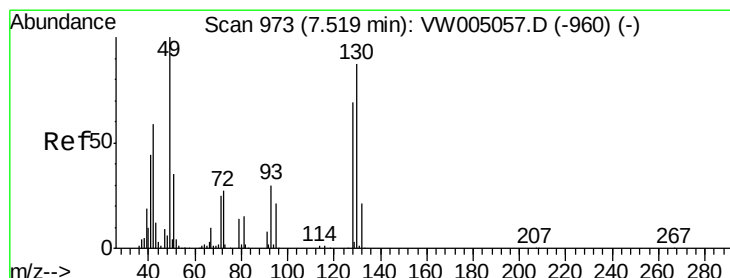
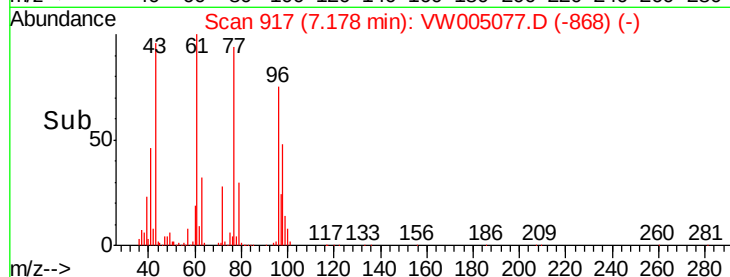
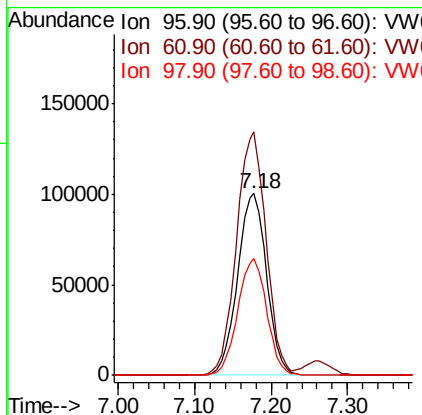
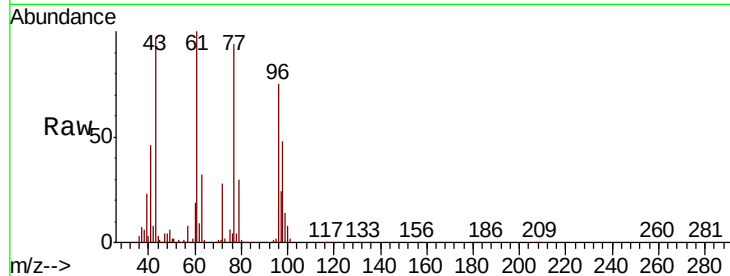
cis-1,2-Dichloroethene
Concen: 46.24 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	264007		
61	136.0	0.0	273.2	
98	64.0	0.0	127.8	

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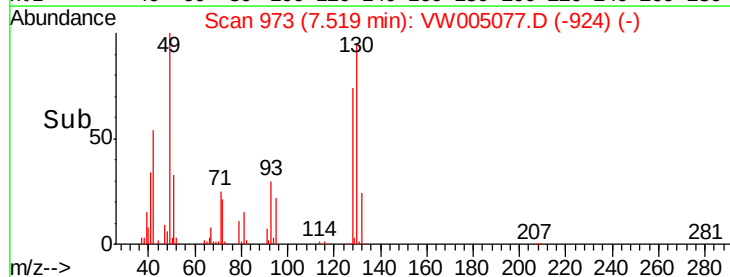
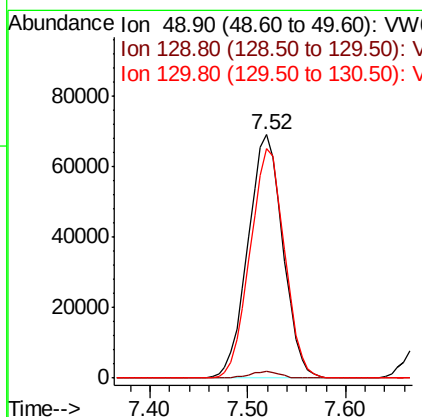
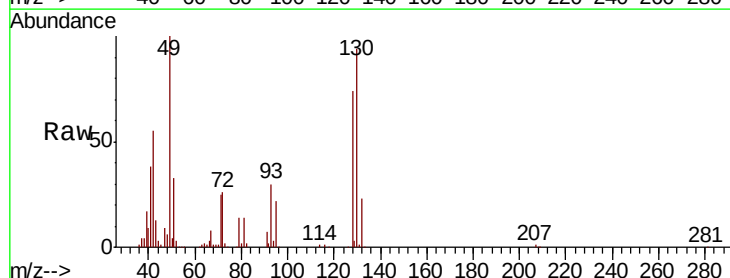
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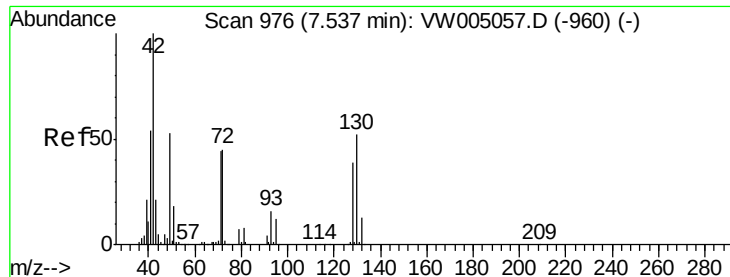


#28

Bromochloromethane
Concen: 48.41 ug/l
RT: 7.52 min Scan# 973
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	171590		
129	2.4	0.0	4.4	
130	93.0	69.6	104.4	





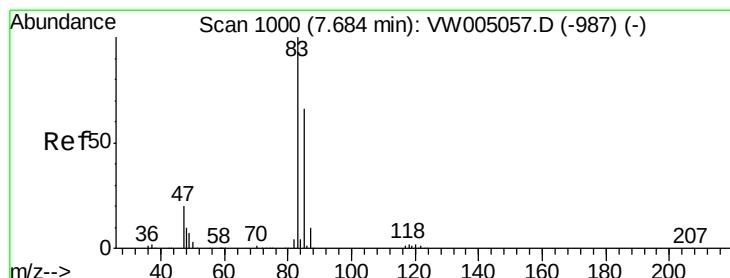
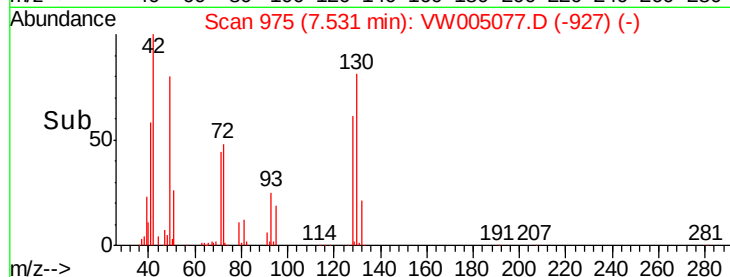
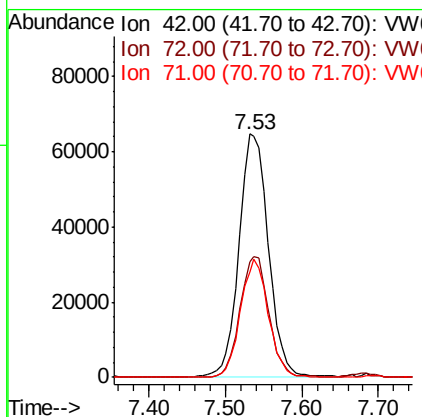
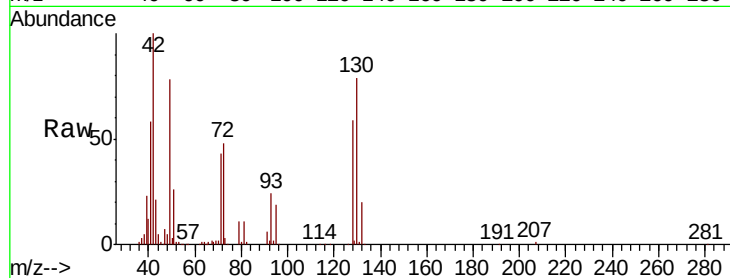
#29
Tetrahydrofuran
Concen: 222.72 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.0	55.4
71	45.7	35.0	52.6

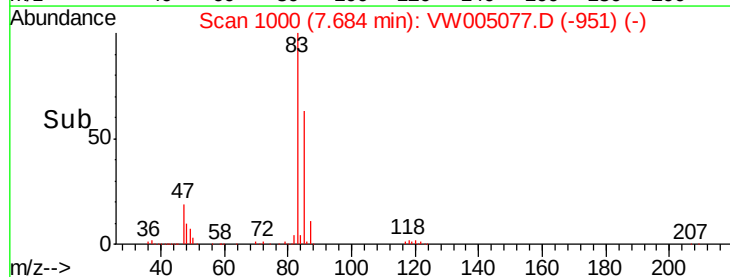
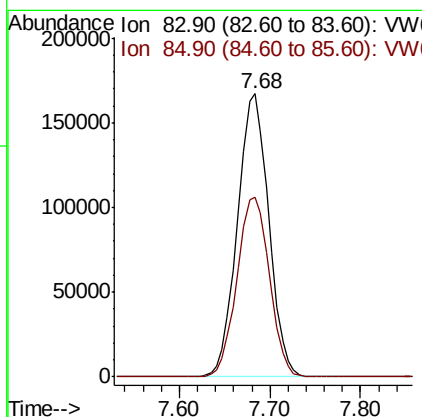
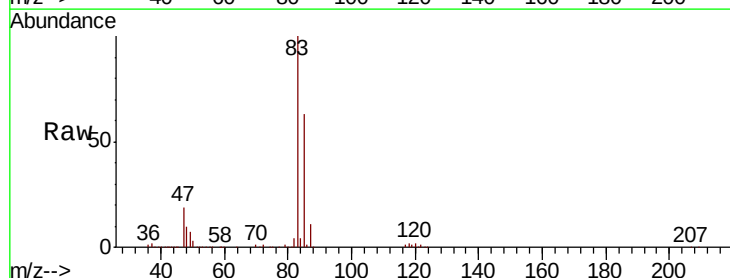
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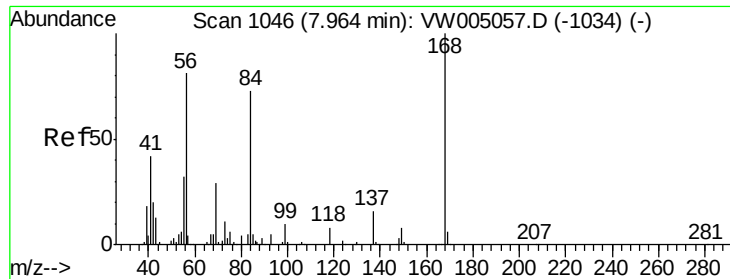
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#30
Chloroform
Concen: 44.59 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.1	79.7





#31

Cyclohexane

Concen: 48.17 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

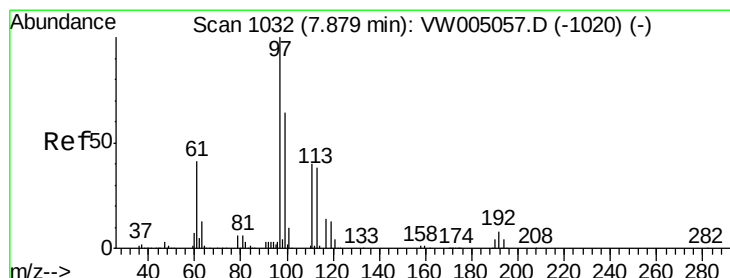
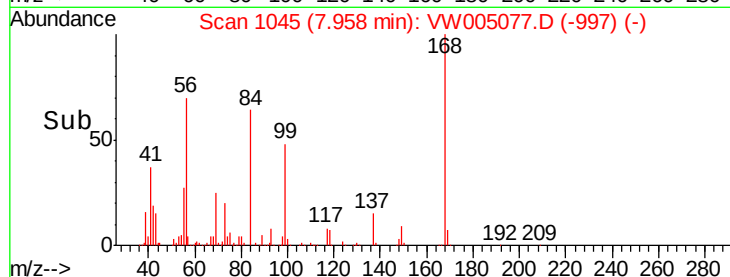
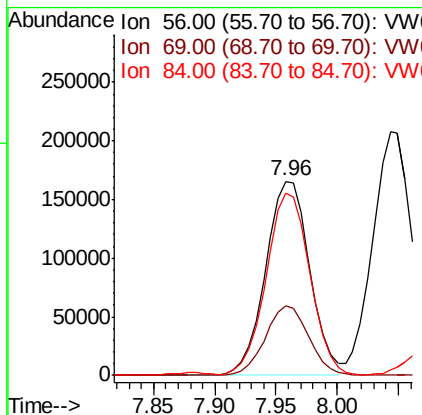
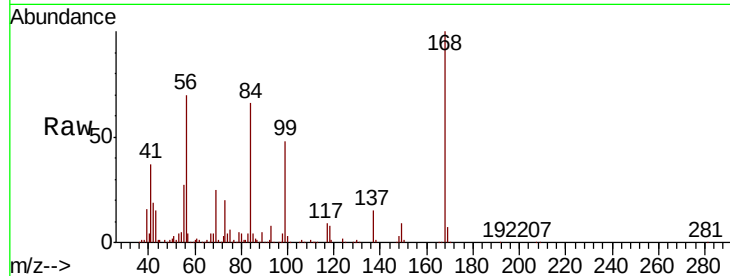
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	415473
Ion	Ratio	Lower	Upper
56	100		
69	35.7	28.2	42.2
84	92.9	71.8	107.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.55 ug/l

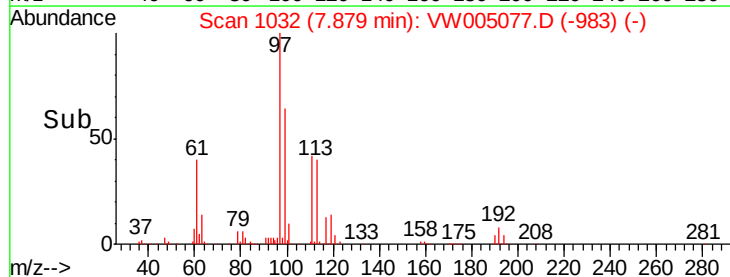
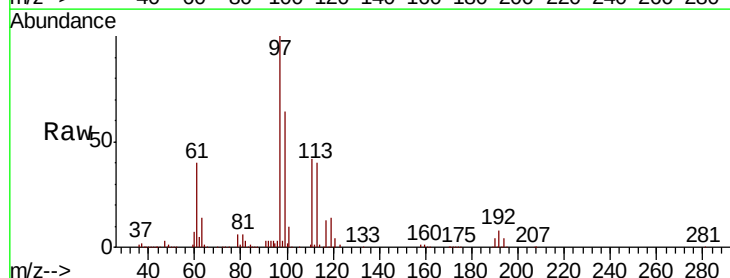
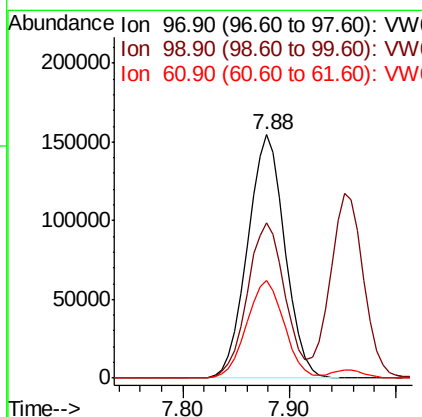
RT: 7.88 min Scan# 1032

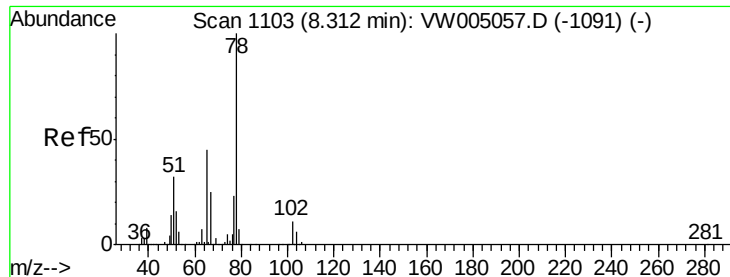
Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Tgt Ion:	97	Resp:	380053
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.8
61	40.3	33.2	49.8





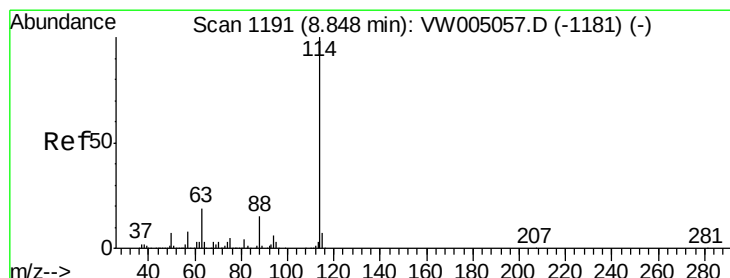
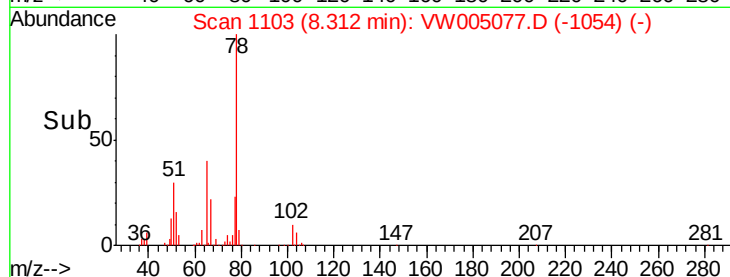
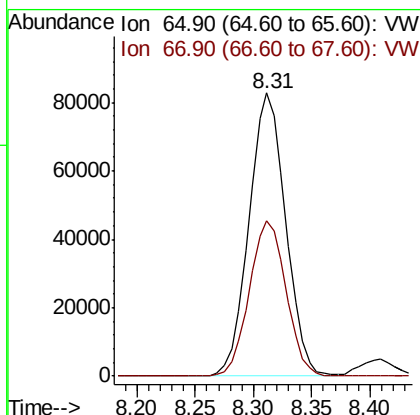
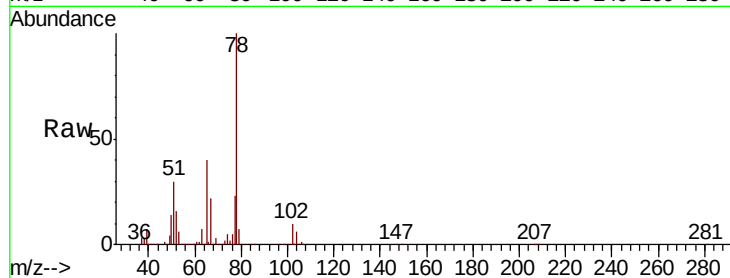
#33
 1,2-Dichloroethane-d4
 Concen: 41.23 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	181038		
67	55.0	0.0	109.4	

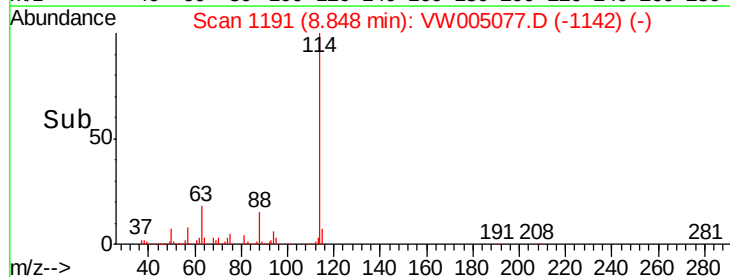
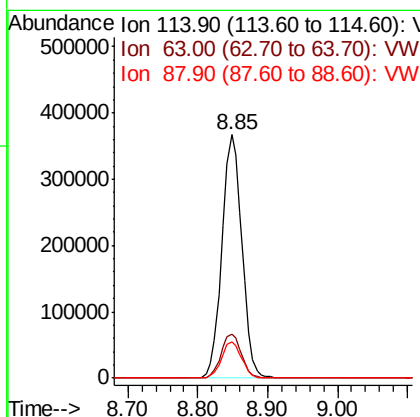
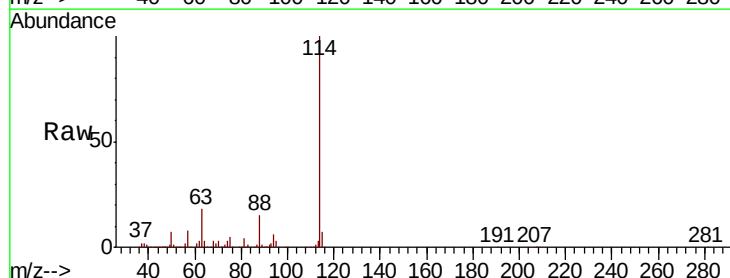
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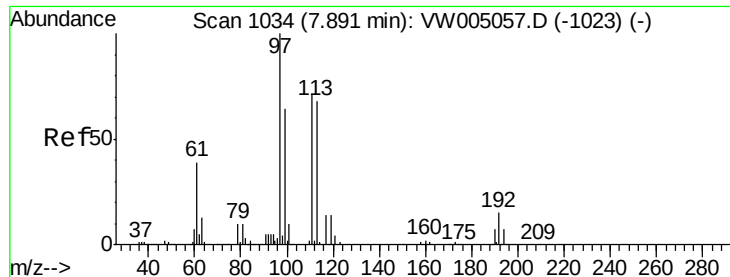
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	727688		
63	18.3	0.0	38.0	
88	15.0	0.0	30.2	





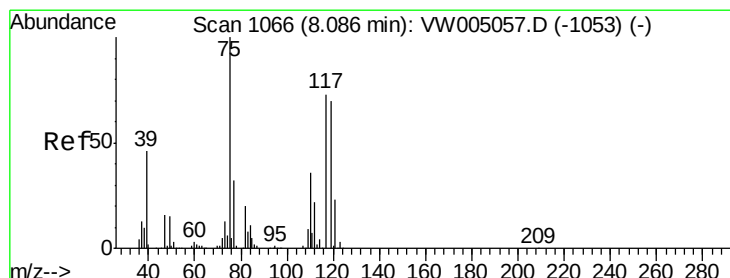
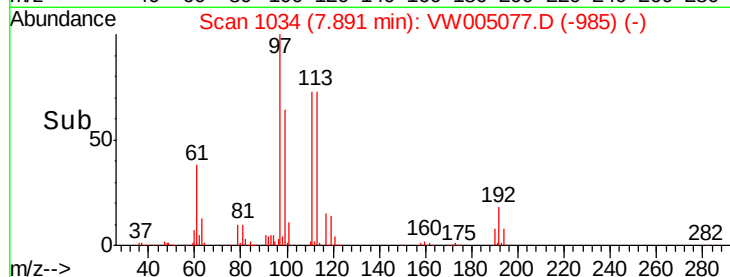
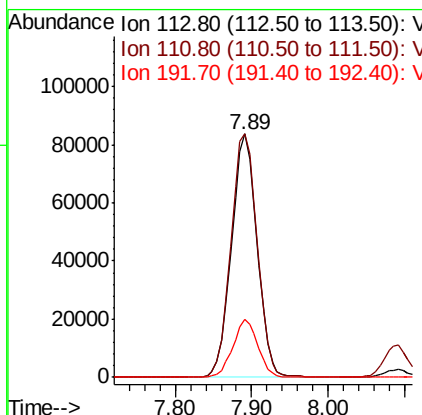
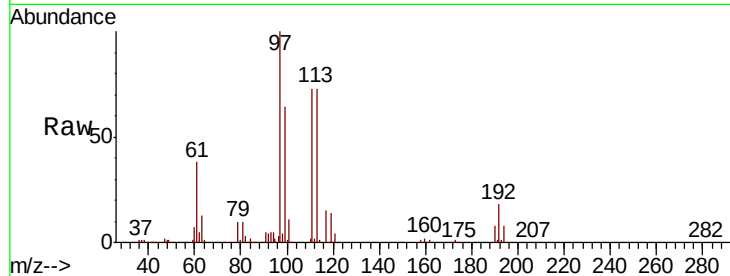
#35
 Dibromofluoromethane
 Concen: 45.98 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	193375		
111	102.9	82.2	123.2	
192	23.2	18.1	27.1	

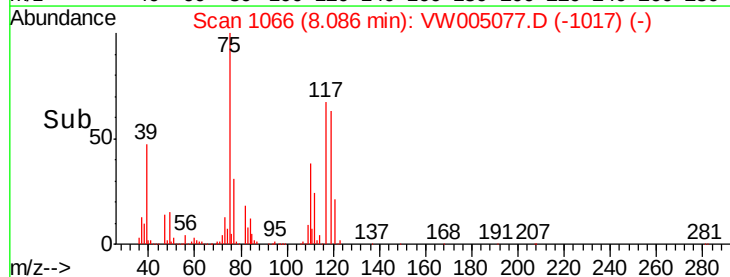
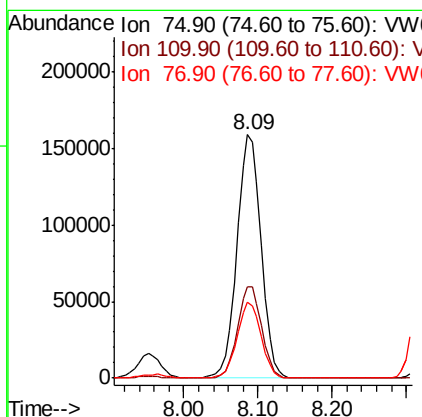
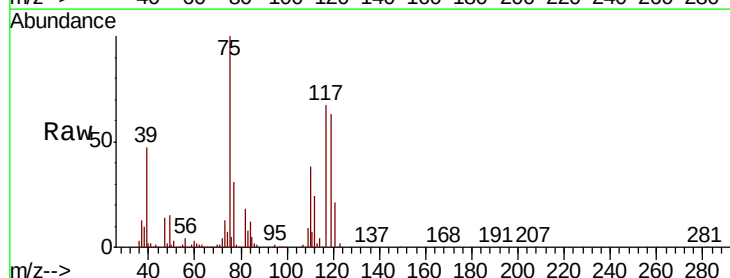
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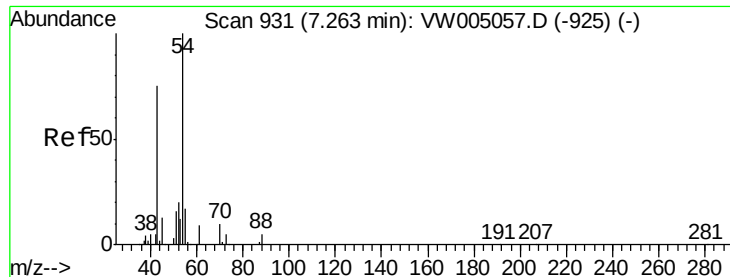
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#36
 1,1-Dichloropropene
 Concen: 51.94 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	359969		
110	37.8	18.9	56.7	
77	31.2	25.5	38.3	





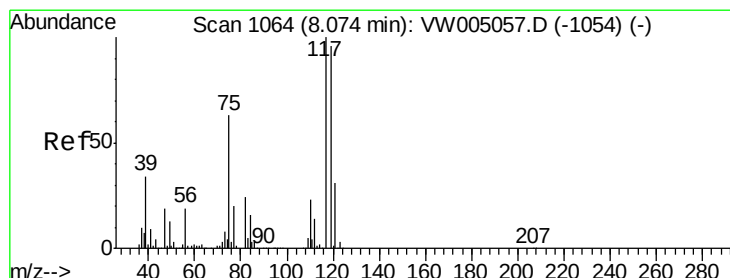
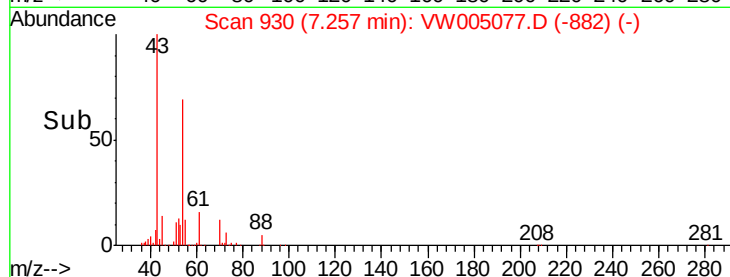
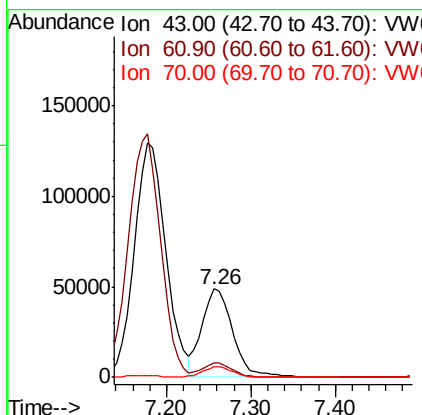
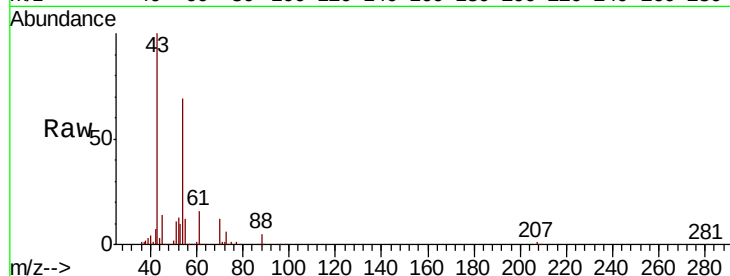
#37
Ethyl Acetate
Concen: 48.00 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	11.6	9.4	14.2

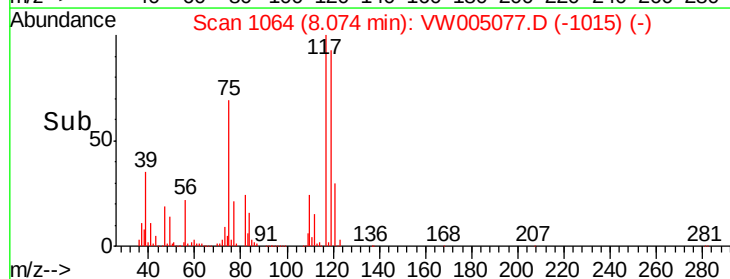
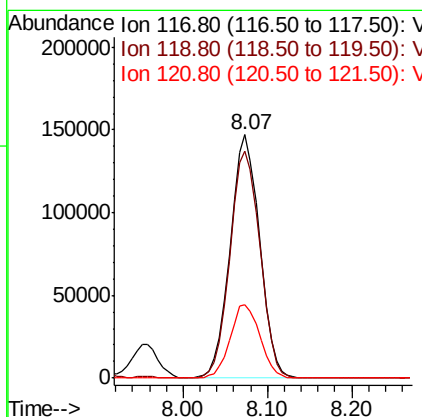
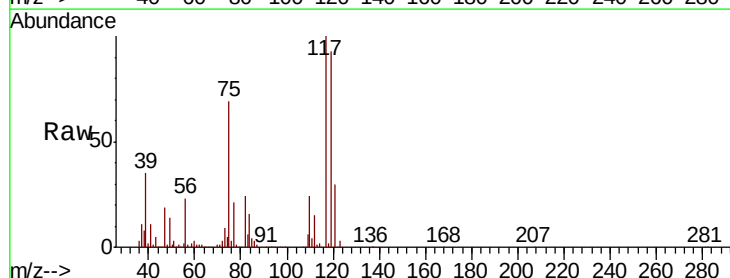
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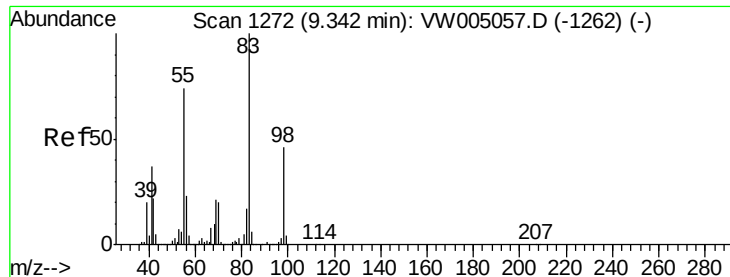
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#38
Carbon Tetrachloride
Concen: 52.64 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.6	115.0
121	30.2	24.8	37.2





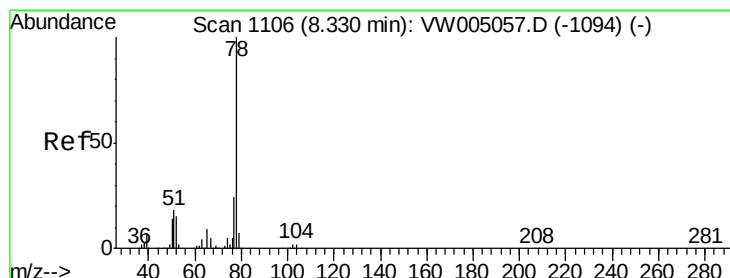
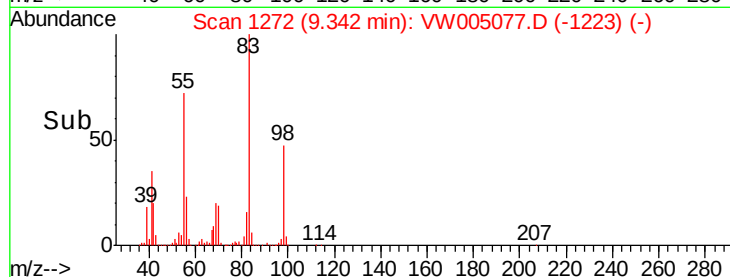
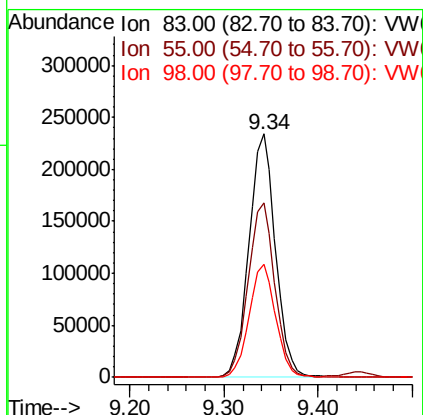
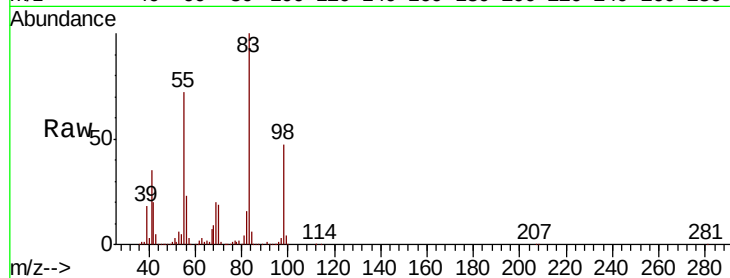
#39
Methylcyclohexane
Concen: 55.30 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.6	58.9	88.3
98	46.7	36.8	55.2

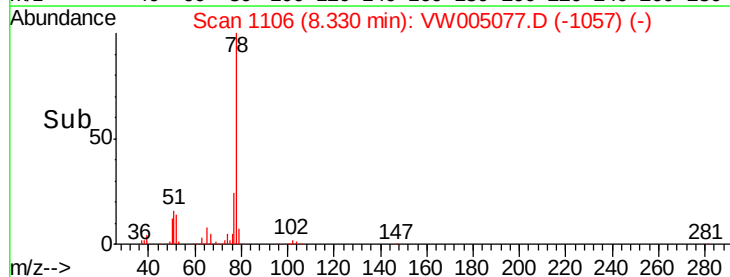
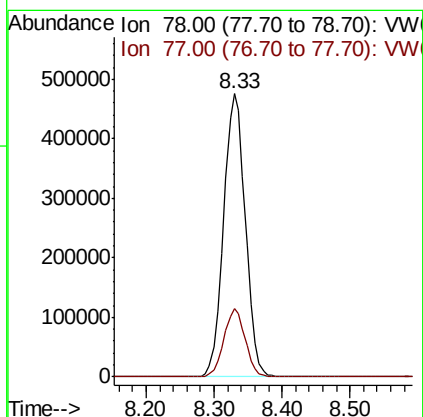
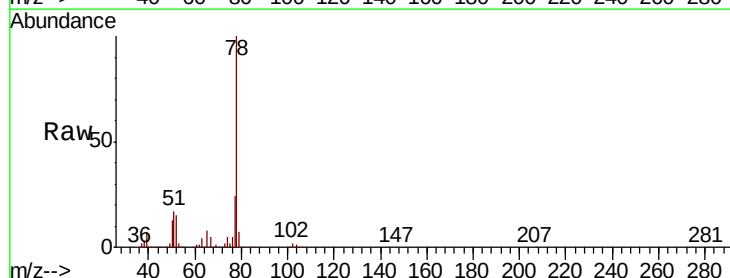
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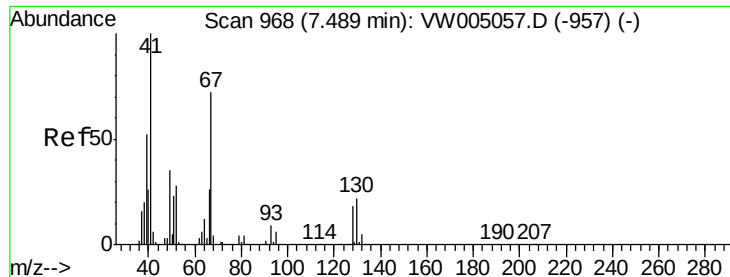
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#40
Benzene
Concen: 49.44 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.0





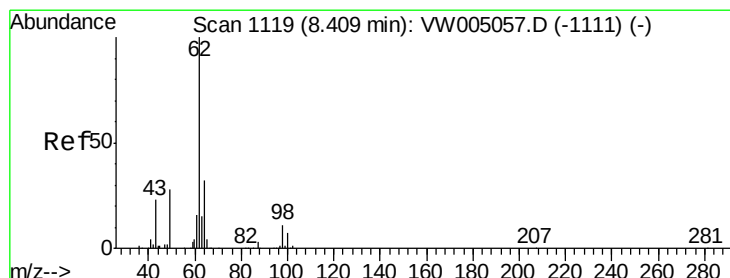
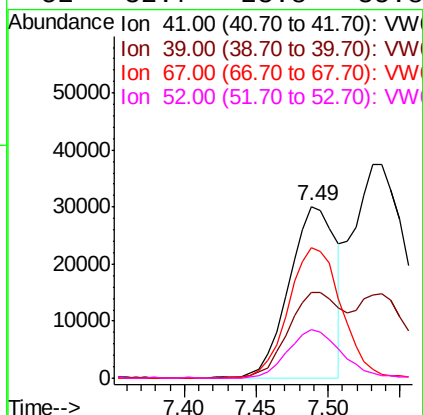
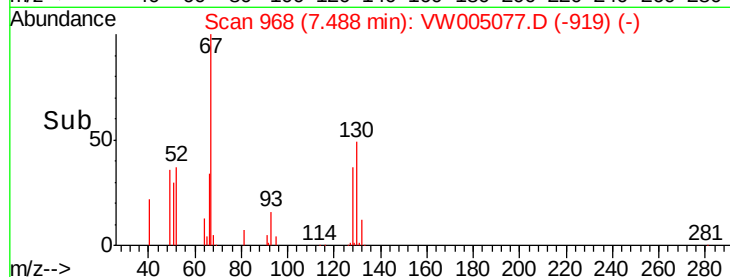
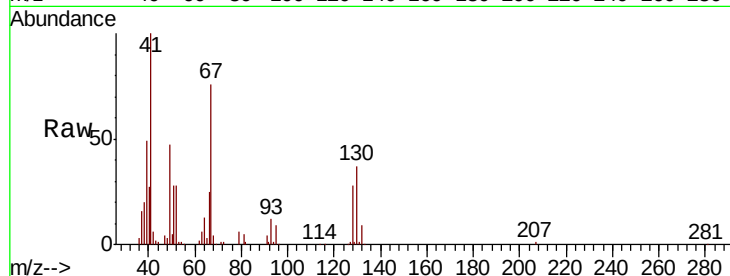
#41
Methacrylonitrile
Concen: 45.42 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.9	41.8	62.8
67	86.6	60.4	90.6
52	32.7	23.8	35.8

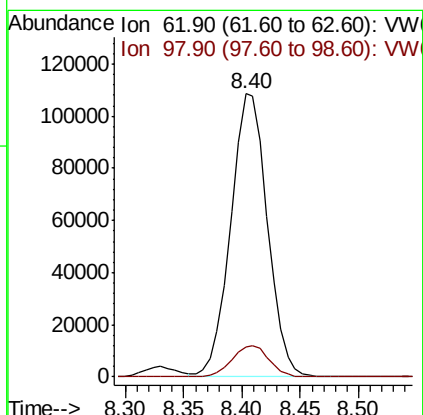
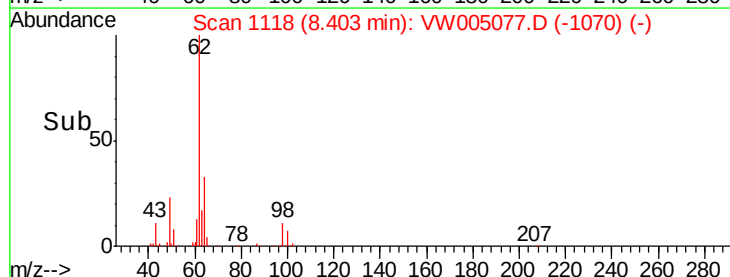
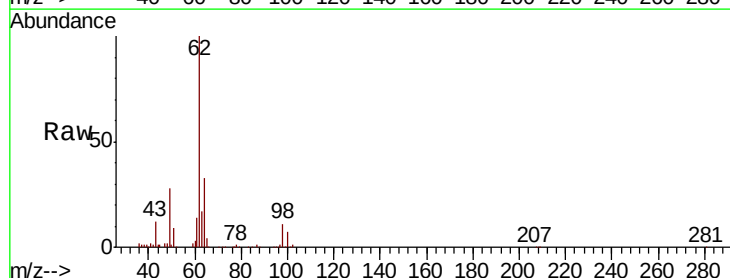
Manual Integrations
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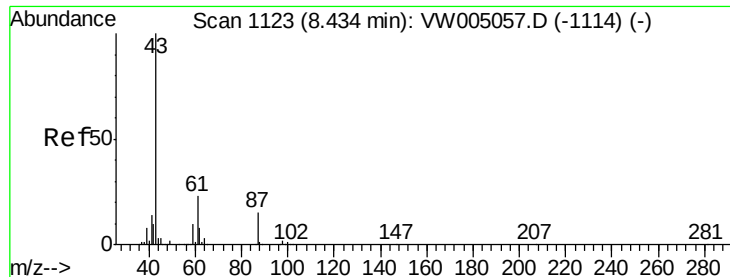
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#42
1,2-Dichloroethane
Concen: 45.91 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.8





#43

Isopropyl Acetate

Concen: 48.73 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

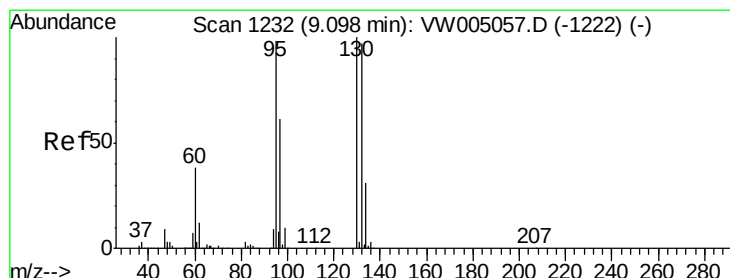
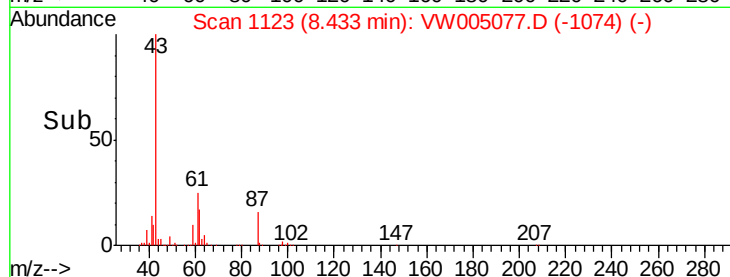
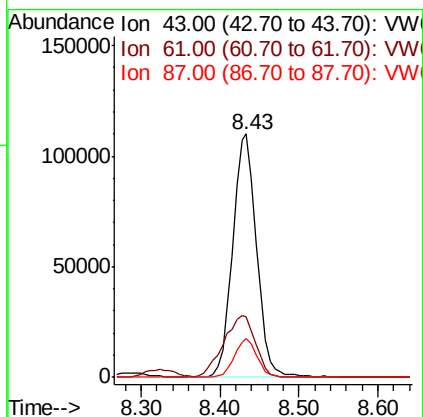
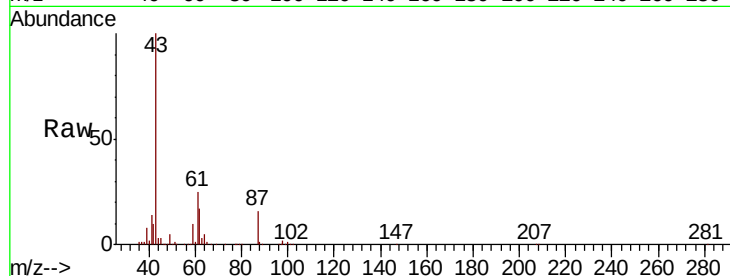
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	229821
Ion	Ratio	Lower	Upper
43	100		
61	34.3	26.8	40.2
87	15.4	11.6	17.4

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#44

Trichloroethene

Concen: 51.14 ug/l

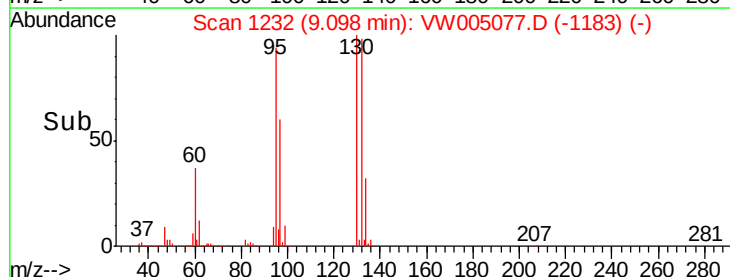
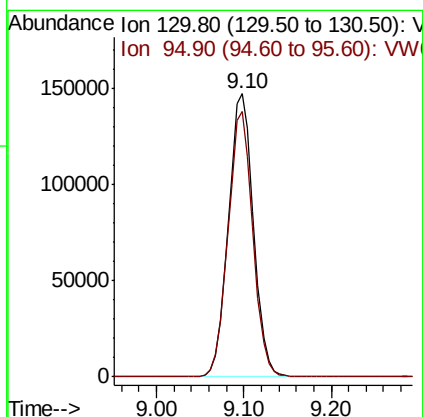
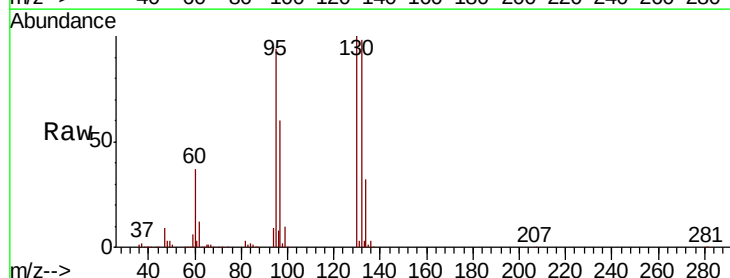
RT: 9.10 min Scan# 1232

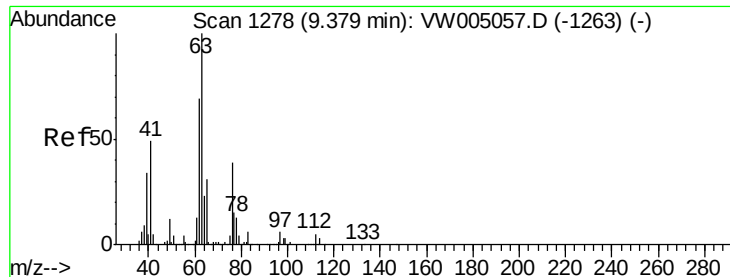
Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Tgt Ion:	130	Resp:	292723
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	195.2





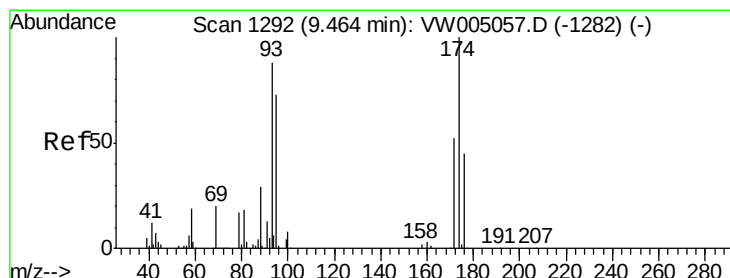
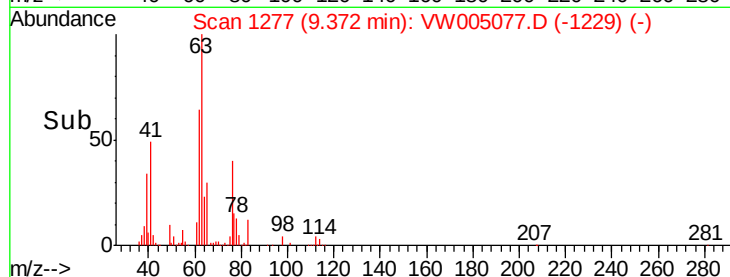
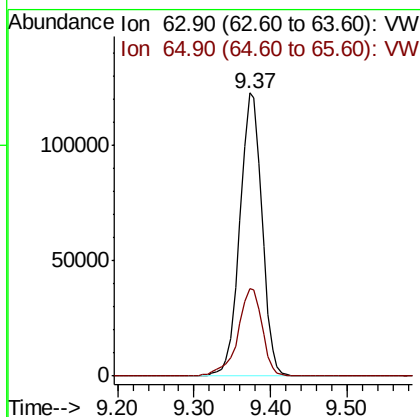
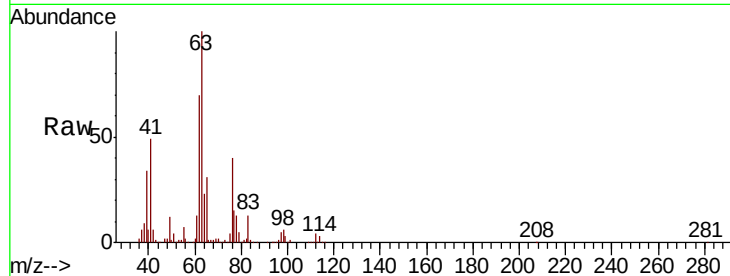
#45
 1,2-Dichloropropane
 Concen: 47.43 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.6	37.0

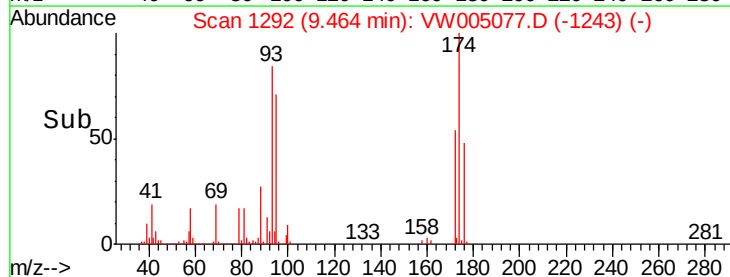
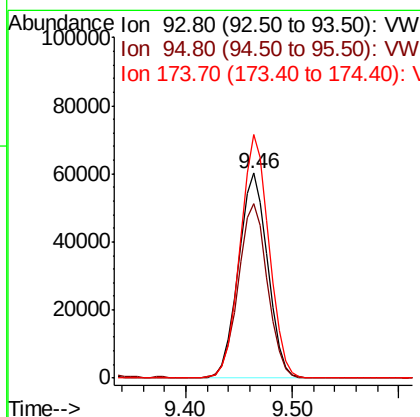
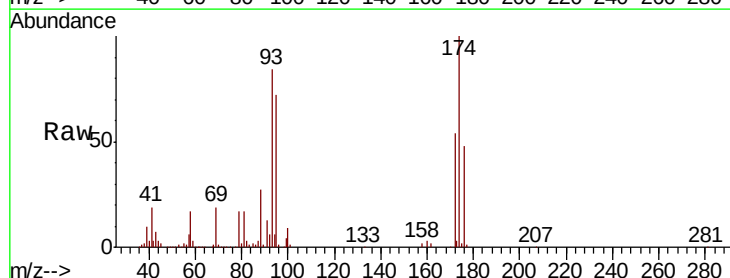
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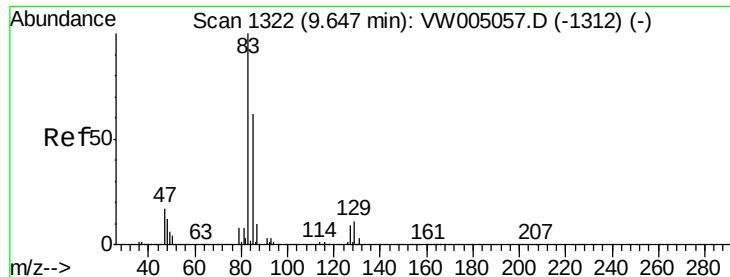
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#46
 Dibromomethane
 Concen: 46.83 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.2	66.2	99.4
174	117.0	92.0	138.0





#47

Bromodichloromethane

Concen: 48.16 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

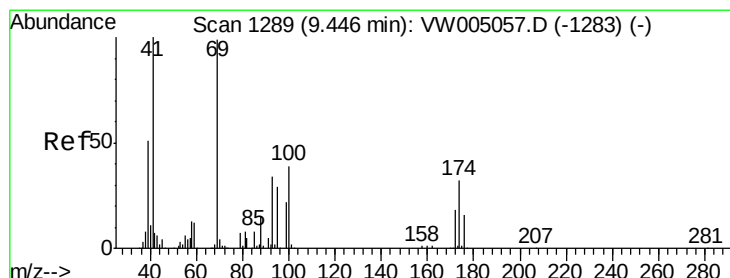
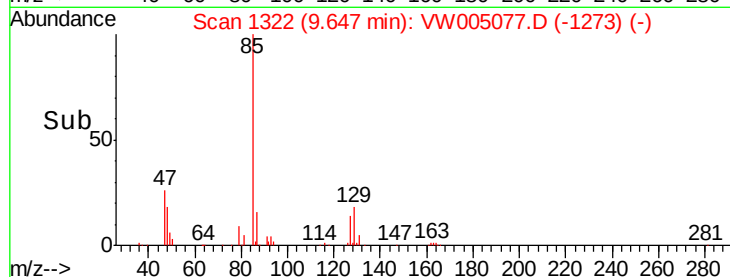
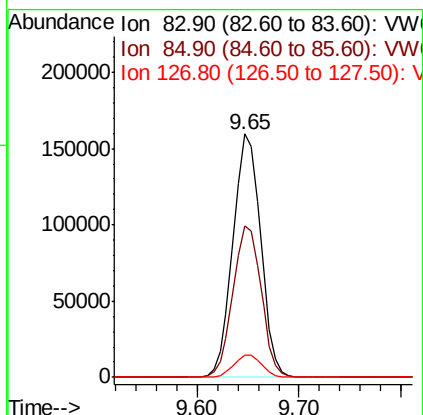
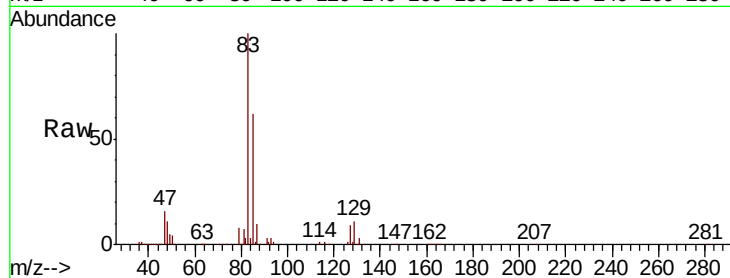
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	300541
Ion	Ratio	Lower	Upper
83	100		
85	62.2	49.8	74.6
127	8.9	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.65 ug/l

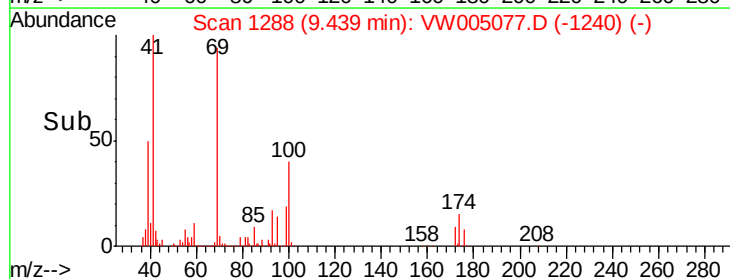
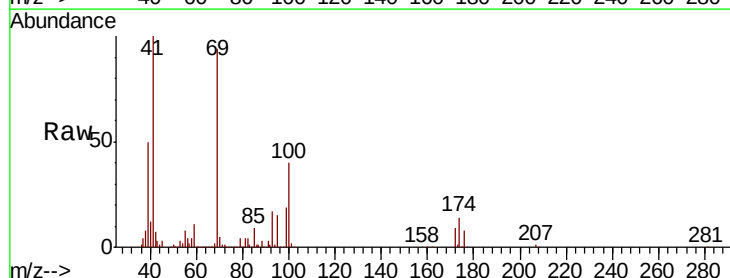
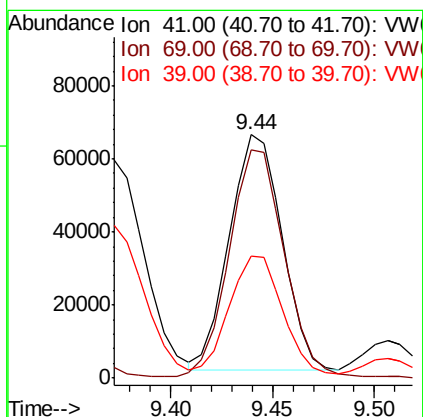
RT: 9.44 min Scan# 1288

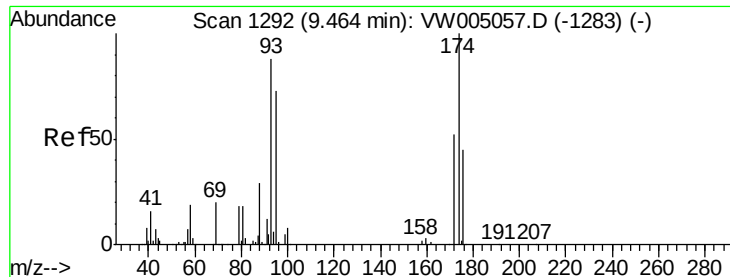
Delta R.T. -0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Tgt Ion:	41	Resp:	115035
Ion	Ratio	Lower	Upper
41	100		
69	103.5	80.4	120.6
39	49.7	43.5	65.3





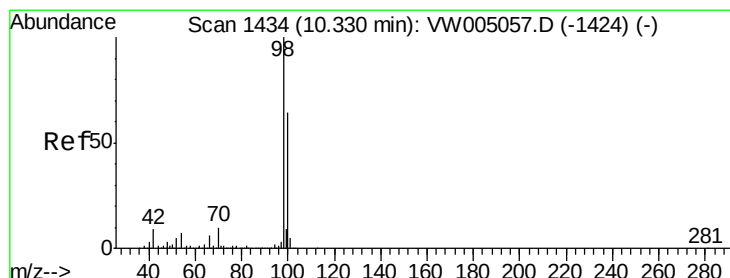
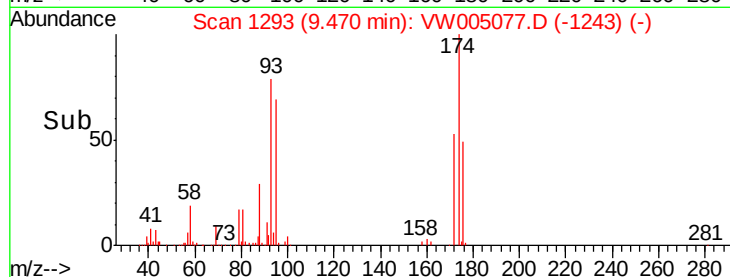
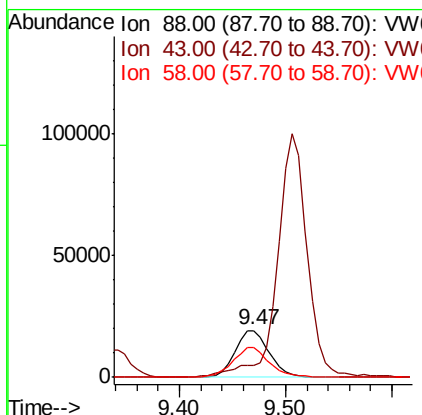
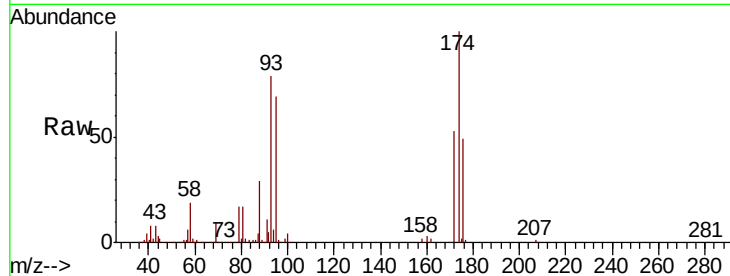
#49
1,4-Dioxane
Concen: 1075.88 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. 0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	19.8	29.6#
58	68.0	57.1	85.7

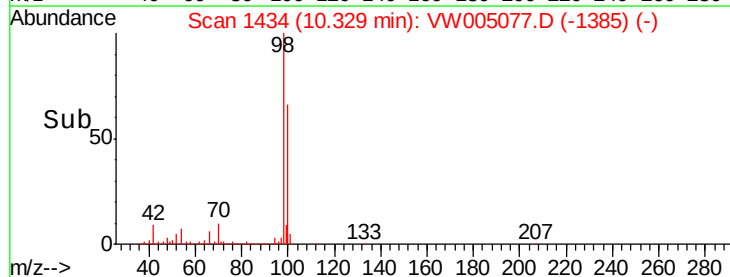
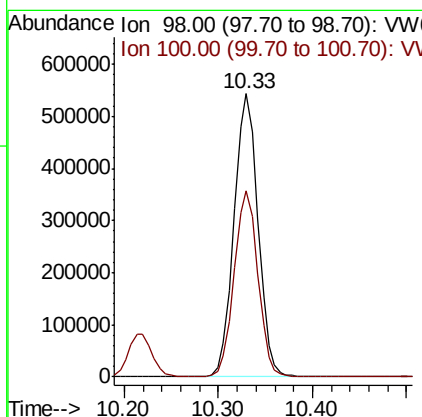
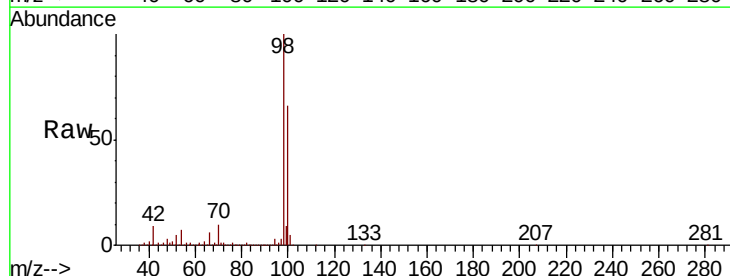
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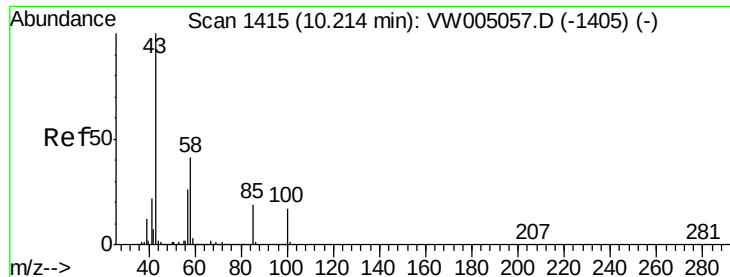
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#50
Toluene-d8
Concen: 49.58 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5





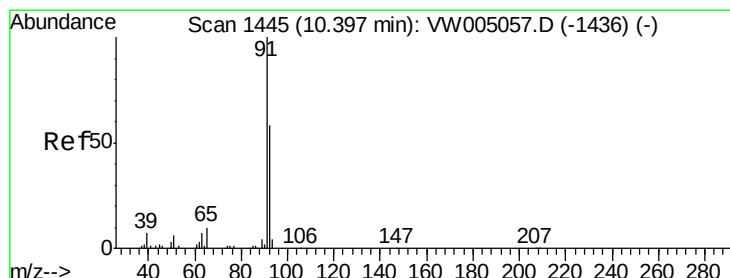
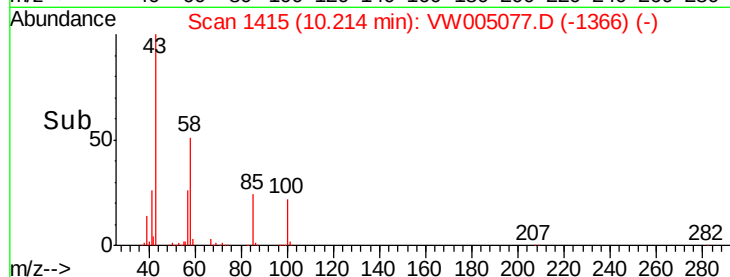
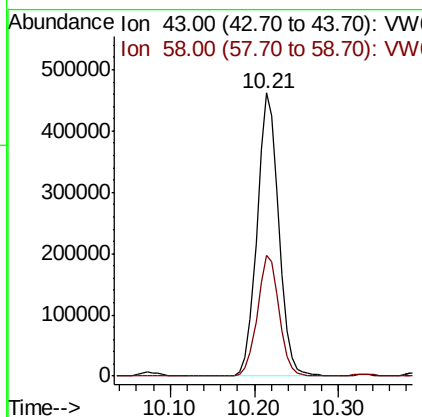
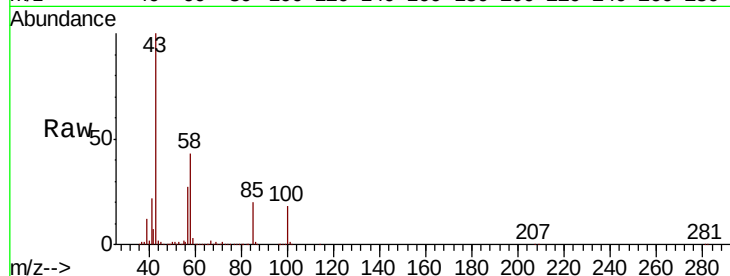
#51
 4-Methyl-2-Pentanone
 Concen: 256.17 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.9	33.3	49.9

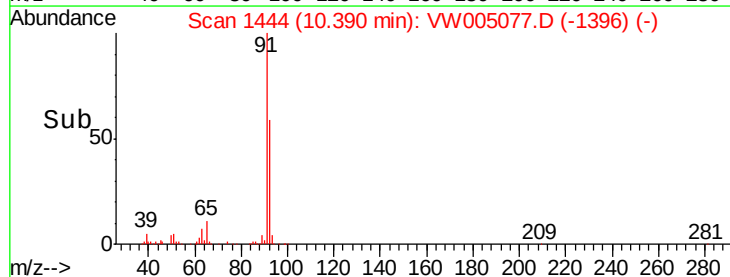
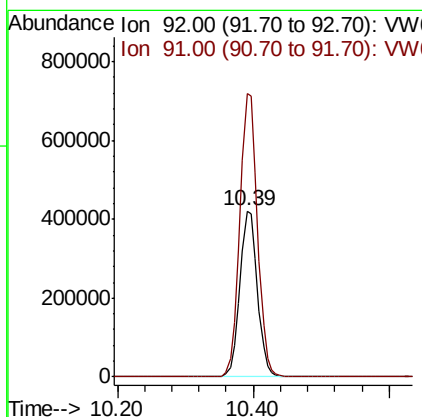
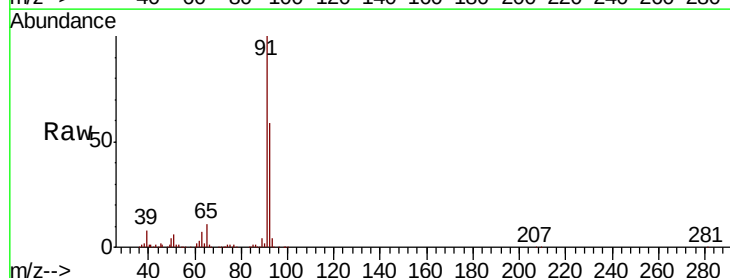
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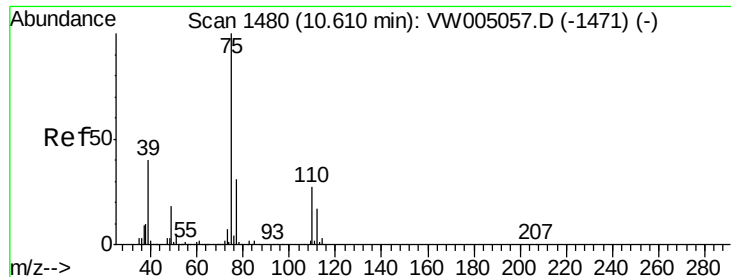
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#52
 Toluene
 Concen: 52.19 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.7	139.2	208.8





#53

t-1,3-Dichloropropene

Concen: 52.33 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 320917

Ion Ratio Lower Upper

75 100

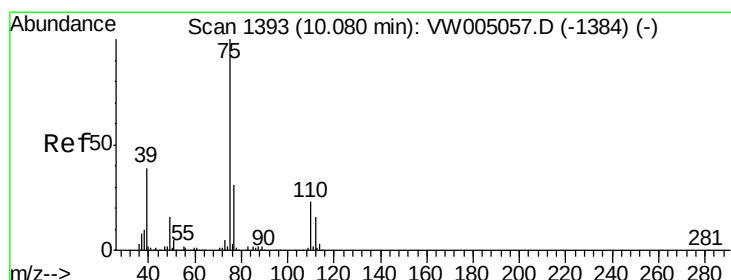
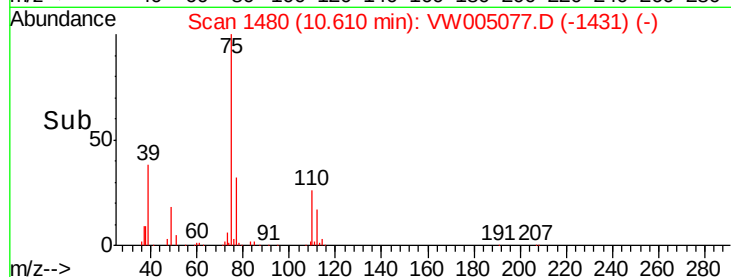
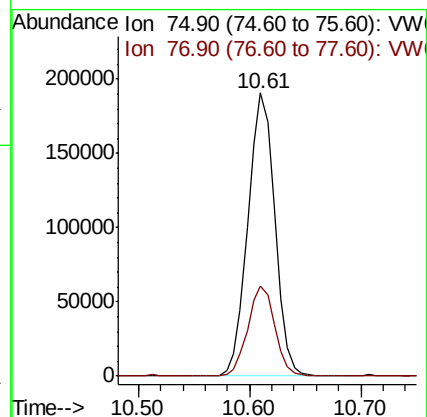
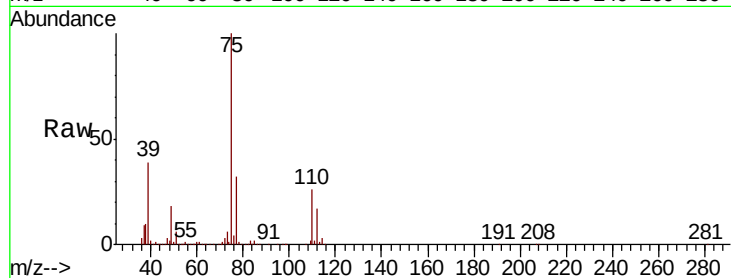
77 31.9 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 51.08 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

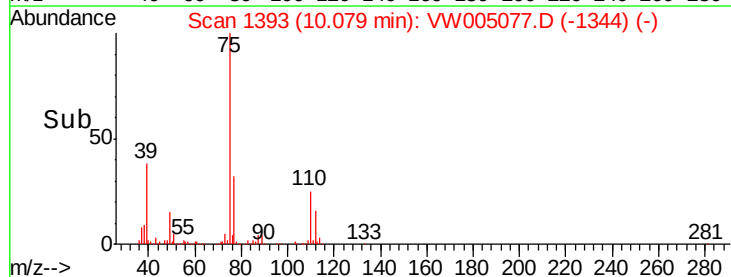
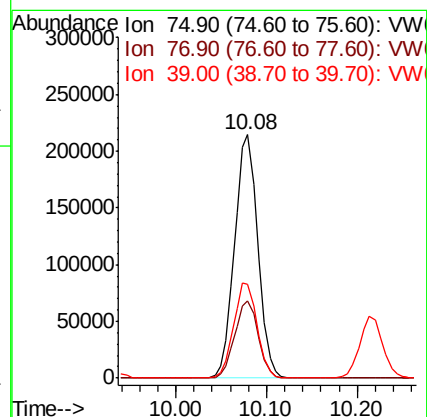
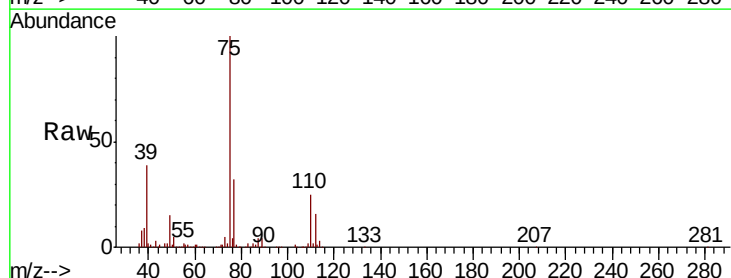
Tgt Ion: 75 Resp: 380947

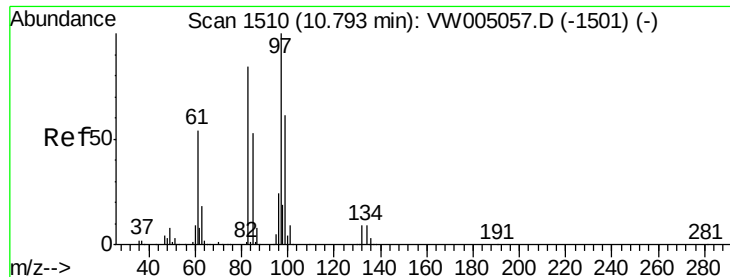
Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3

39 38.5 31.0 46.6





#55

1,1,2-Trichloroethane

Concen: 48.77 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

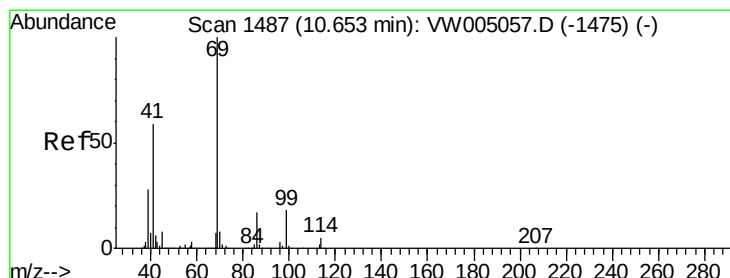
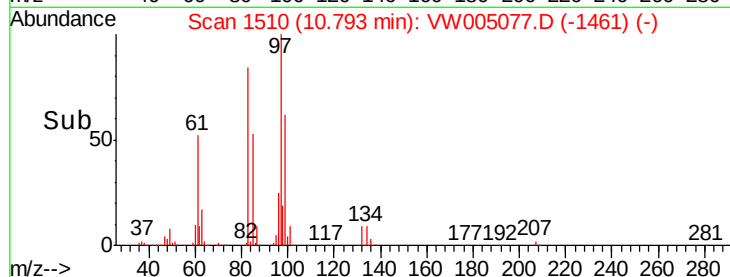
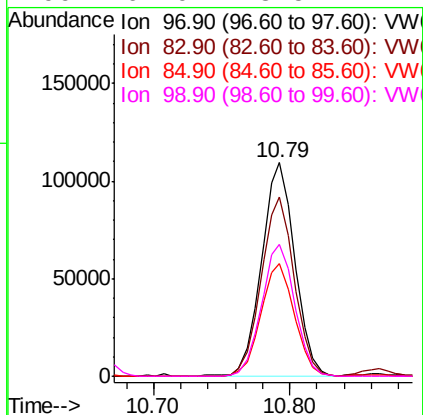
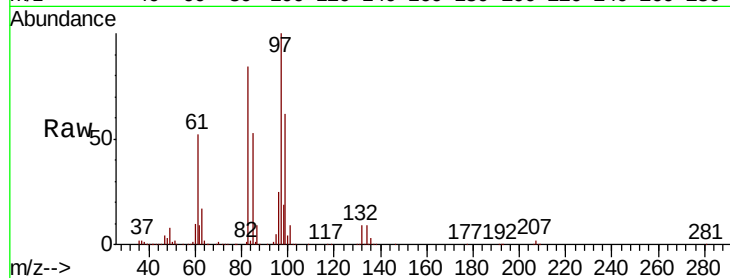
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	187158
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.0	100.6
85	52.8	42.3	63.5
99	62.0	48.5	72.7

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#56

Ethyl methacrylate

Concen: 54.77 ug/l

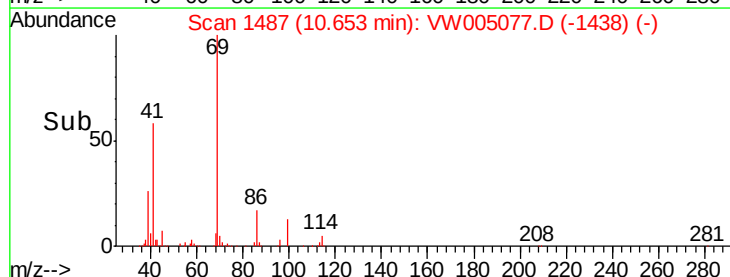
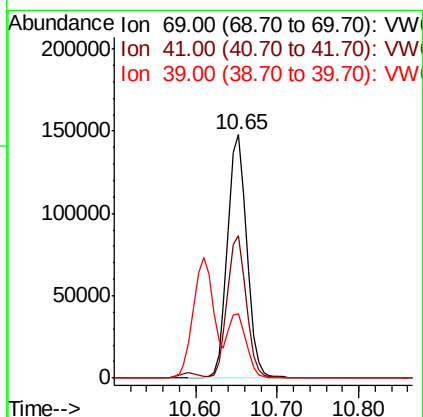
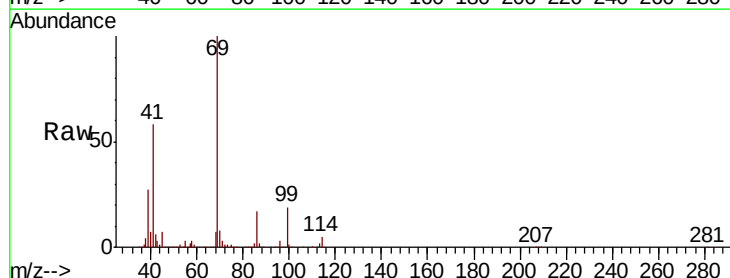
RT: 10.65 min Scan# 1487

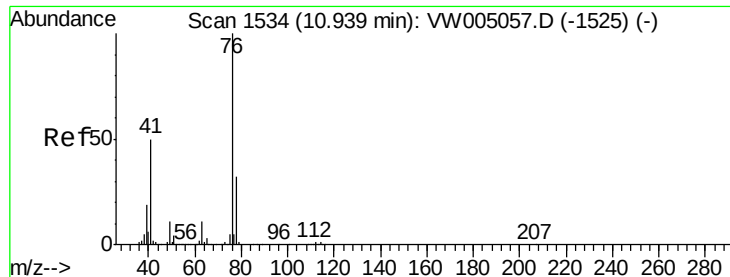
Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Tgt Ion:	69	Resp:	239754
Ion	Ratio	Lower	Upper
69	100		
41	57.9	47.8	71.6
39	24.7	21.1	31.7





#57

1,3-Dichloropropane

Concen: 48.78 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 308153

Ion Ratio Lower Upper

76 100

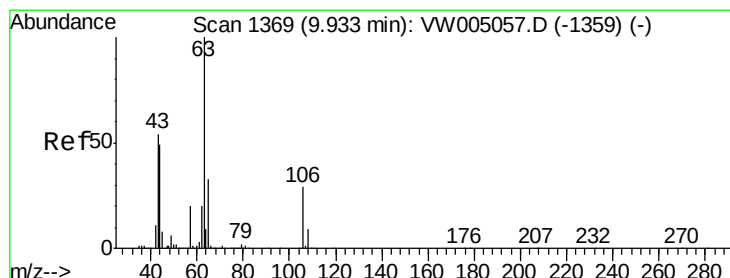
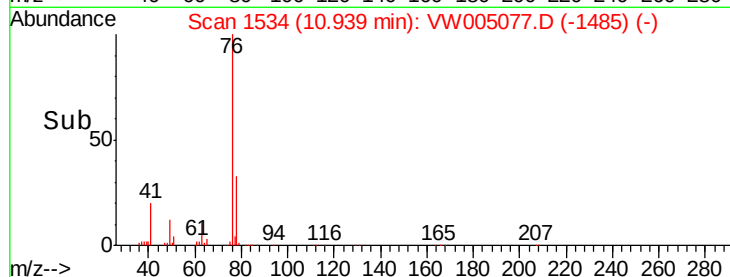
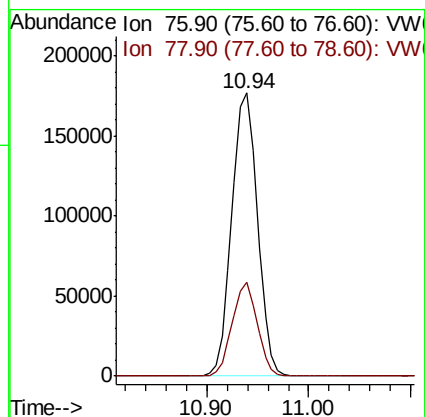
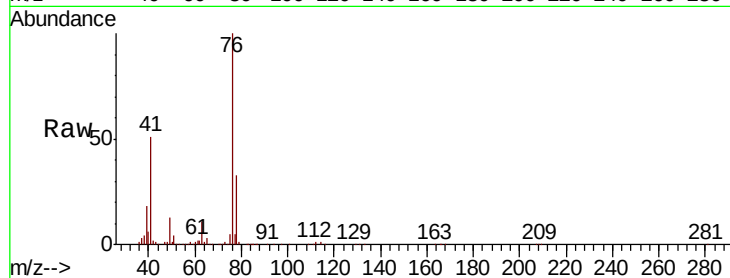
78 32.3 26.3 39.5

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#58

2-Chloroethyl Vinyl ether

Concen: 263.15 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW005077.D

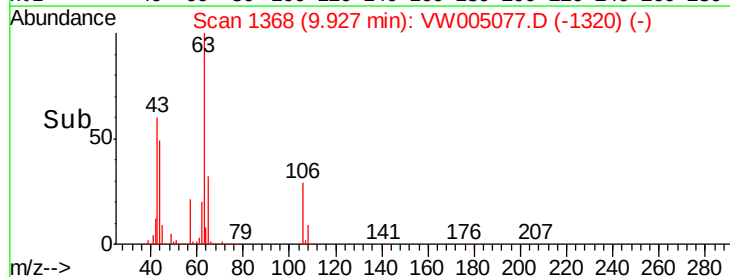
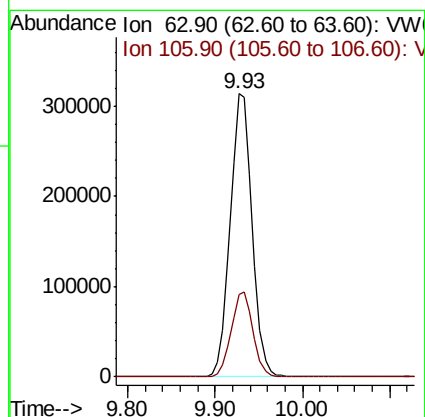
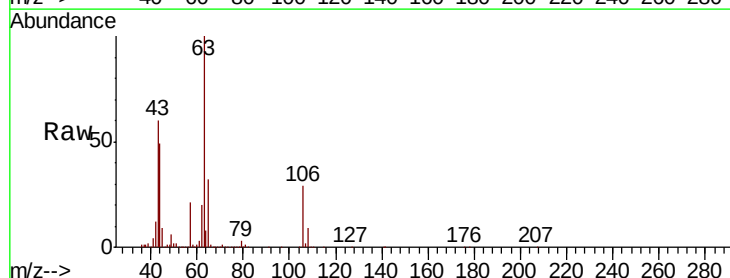
Acq: 04 Sep 2018 13:25

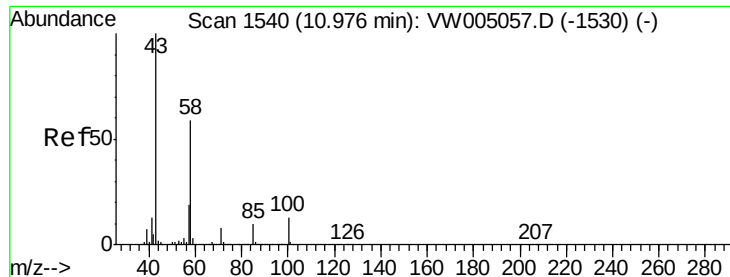
Tgt Ion: 63 Resp: 545891

Ion Ratio Lower Upper

63 100

106 29.7 23.1 34.7





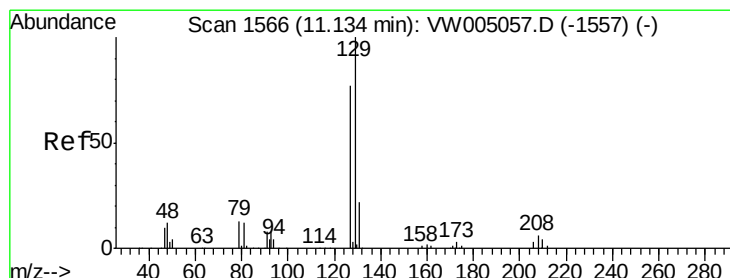
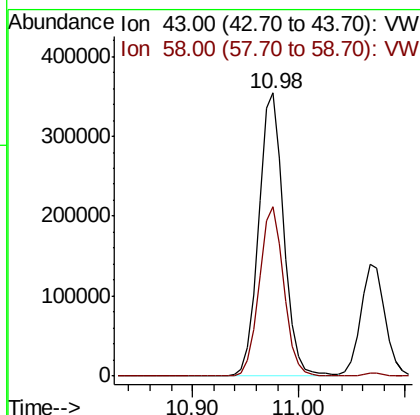
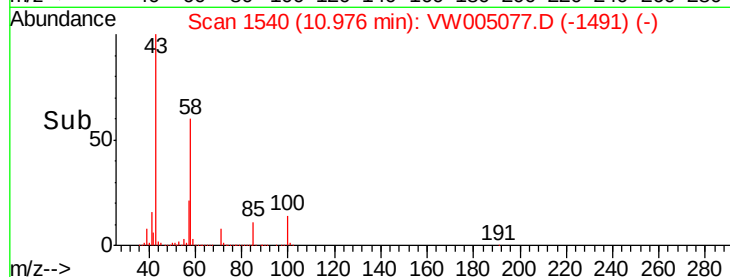
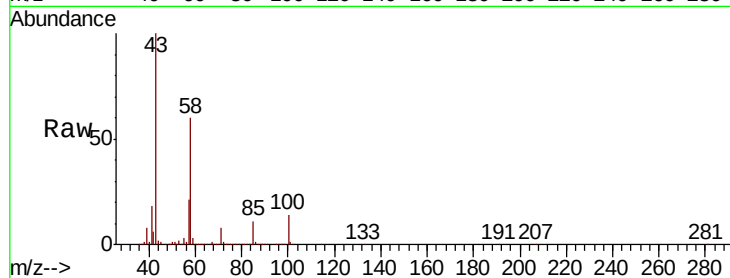
#59
2-Hexanone
Concen: 272.55 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 582690
Ion Ratio Lower Upper
43 100
58 58.8 28.7 86.3

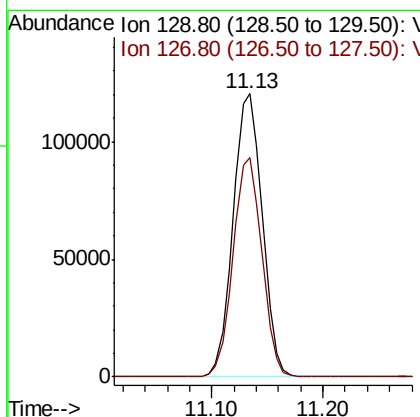
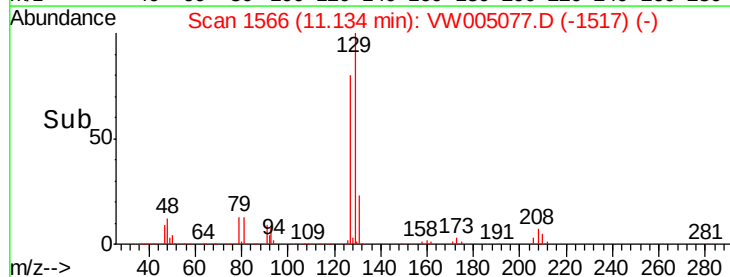
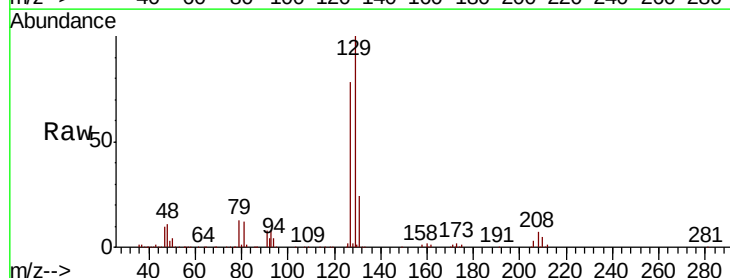
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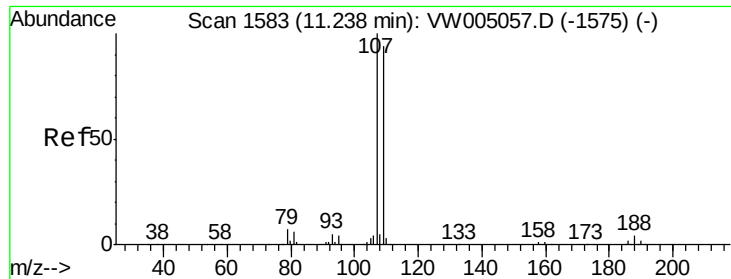
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#60
Dibromochloromethane
Concen: 50.26 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion: 129 Resp: 218021
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 49.40 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 171138

Ion Ratio Lower Upper

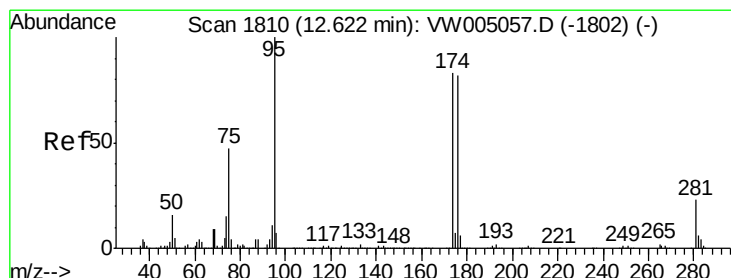
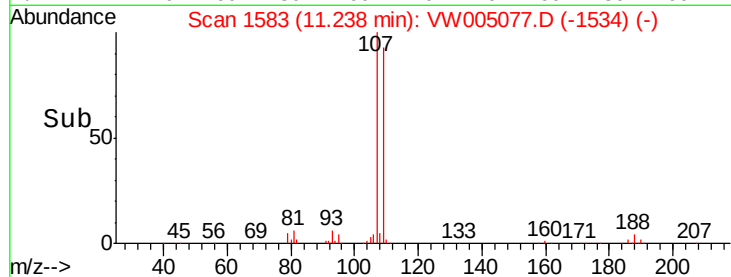
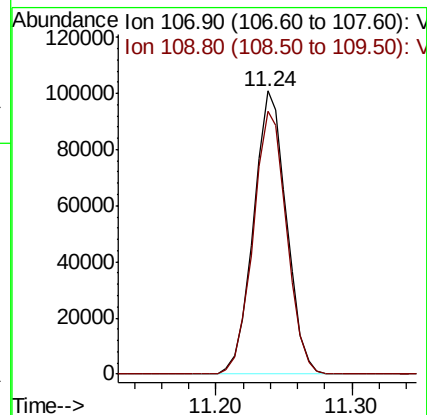
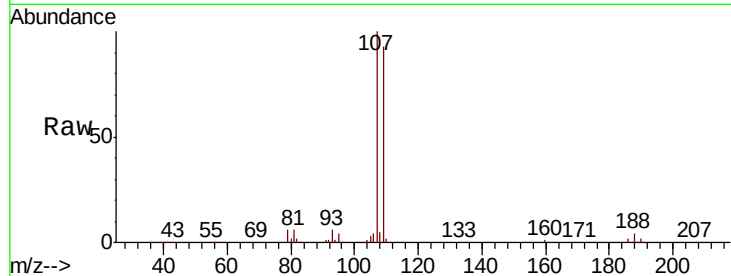
107 100

109 94.4 75.9 113.9

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#62

4-Bromofluorobenzene

Concen: 49.98 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

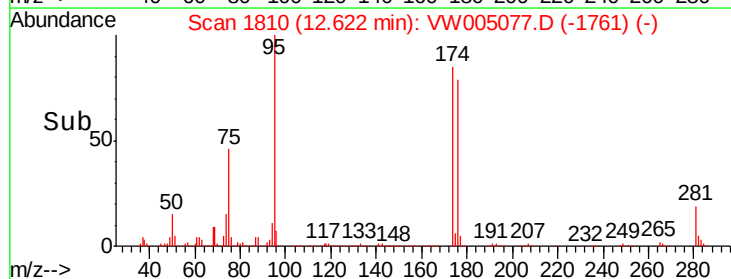
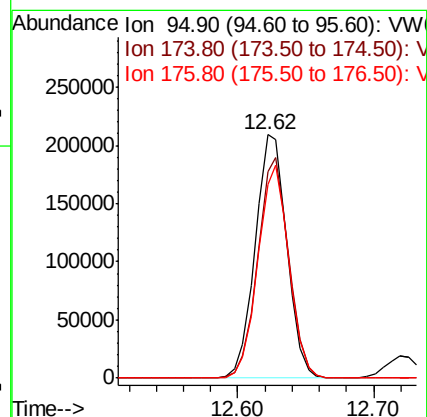
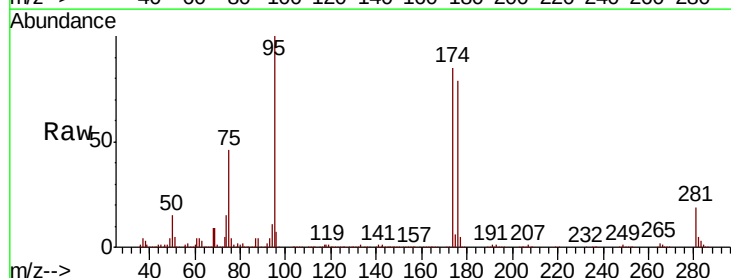
Tgt Ion: 95 Resp: 341477

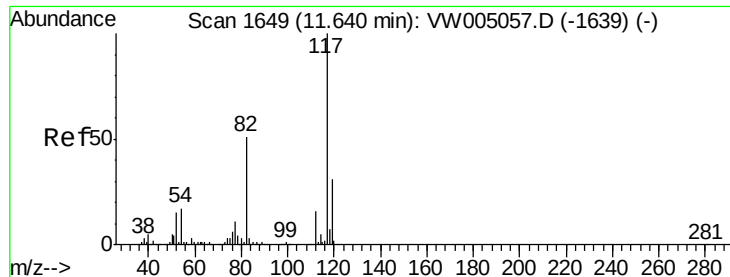
Ion Ratio Lower Upper

95 100

174 88.8 0.0 173.4

176 85.7 0.0 167.4





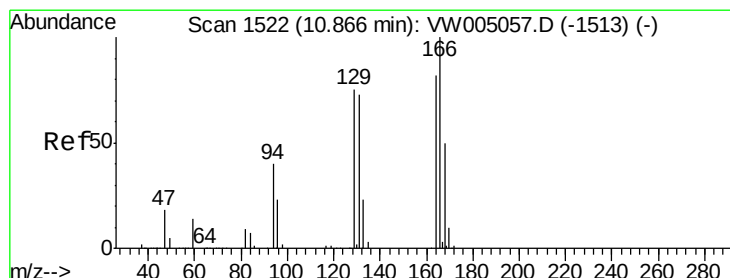
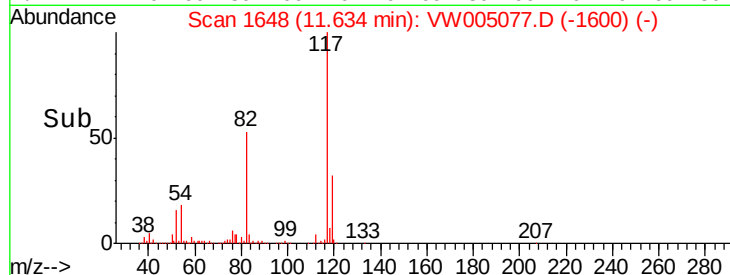
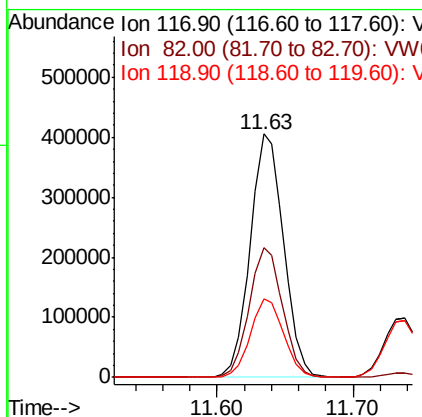
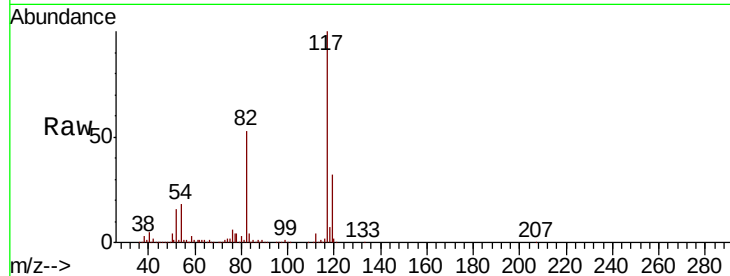
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	117	Resp:	700111
Ion Ratio	Lower	Upper	
117	100		
82	53.4	40.9	61.3
119	32.4	24.9	37.3

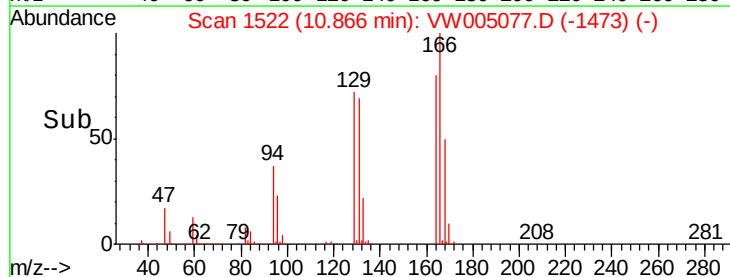
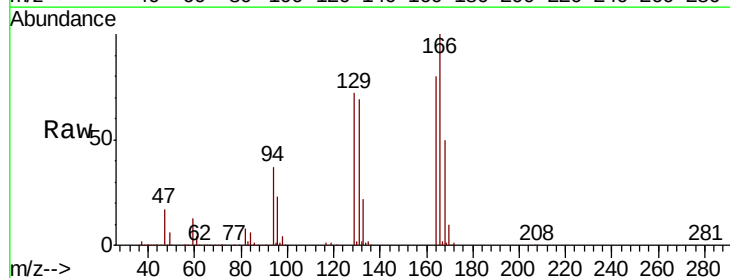
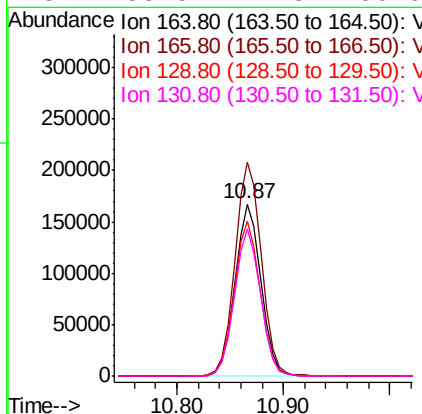
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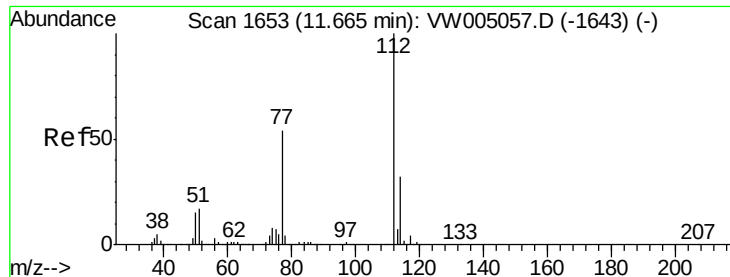
apatel
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#64
Tetrachloroethene
Concen: 52.00 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion:	164	Resp:	285649
Ion Ratio	Lower	Upper	
164	100		
166	124.5	97.3	145.9
129	90.2	73.1	109.7
131	85.5	71.3	106.9





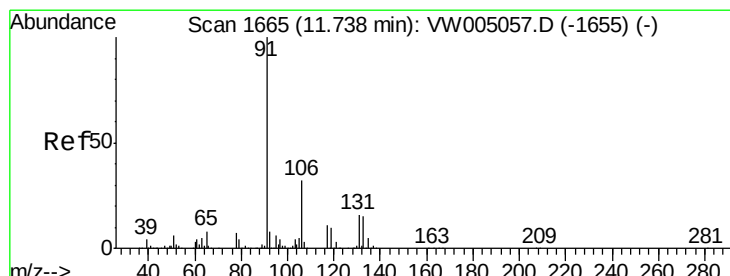
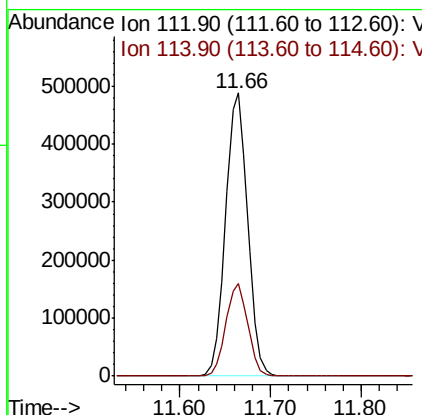
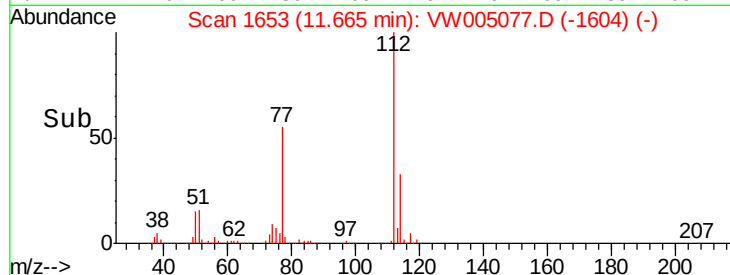
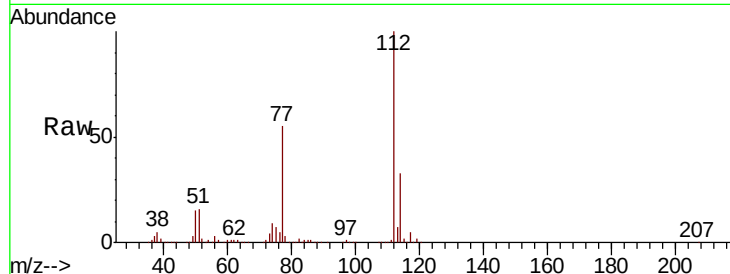
#65
Chlorobenzene
Concen: 52.28 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 824045
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0

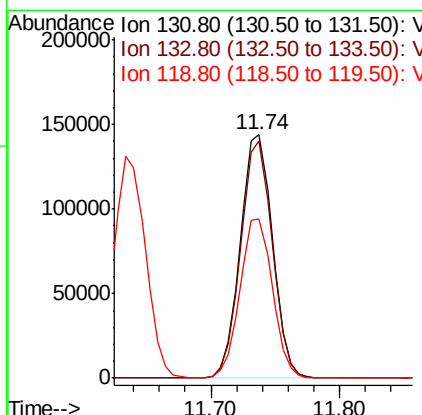
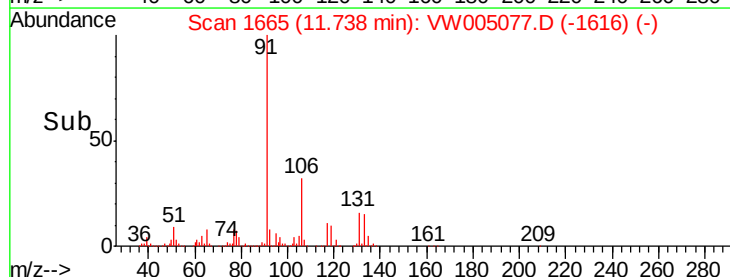
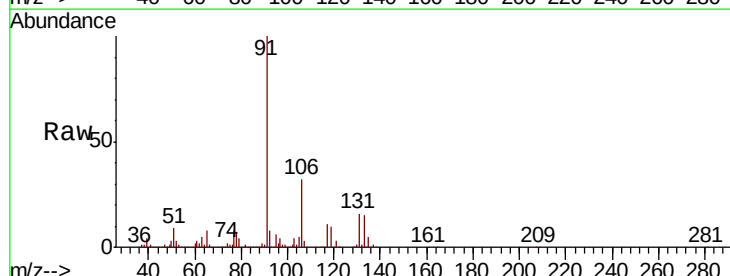
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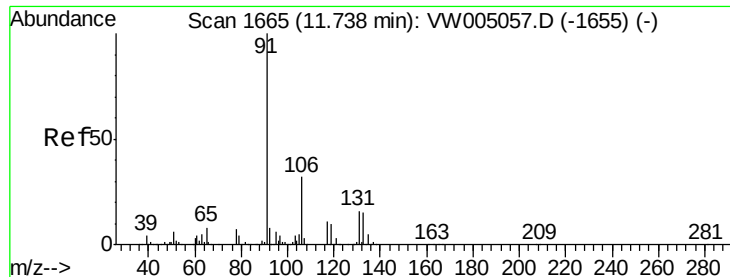
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.71 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion:131 Resp: 249079
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.3
119 66.1 33.4 100.1





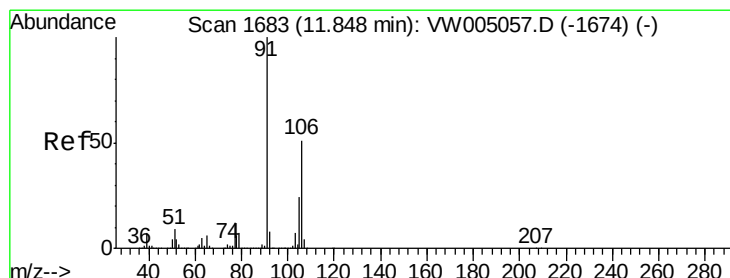
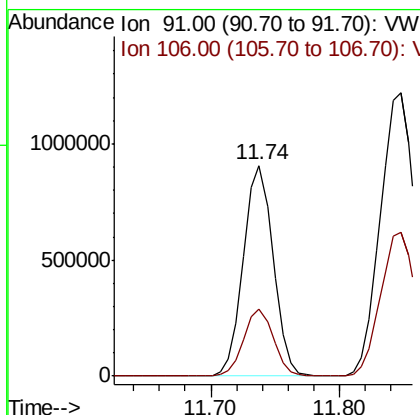
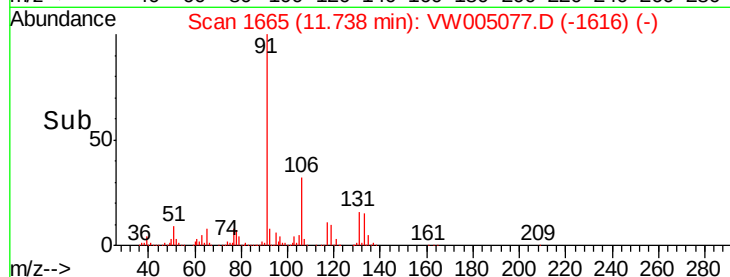
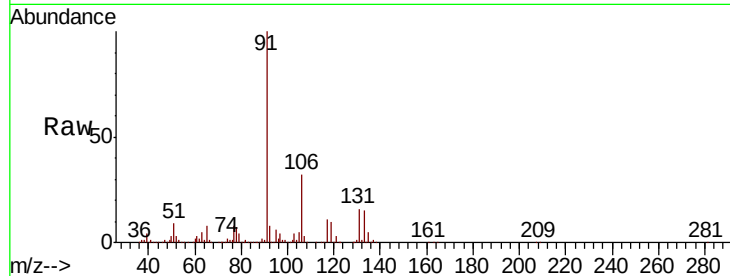
#67
Ethyl Benzene
Concen: 54.46 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1451141
Ion Ratio Lower Upper
91 100
106 32.0 25.3 37.9

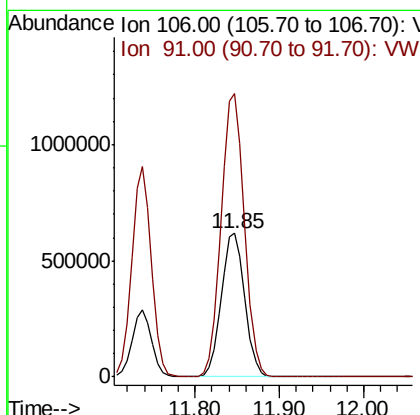
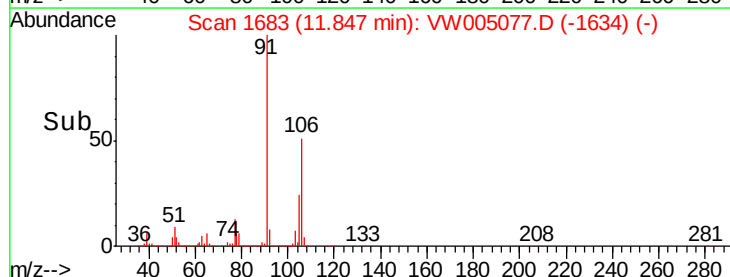
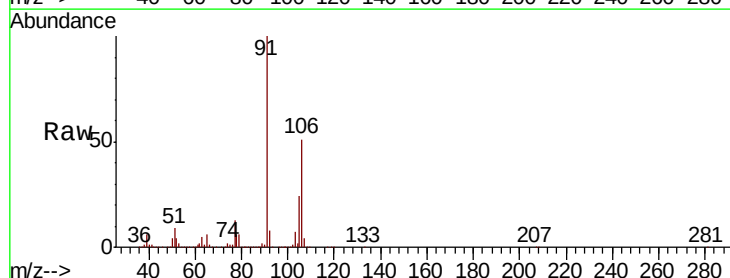
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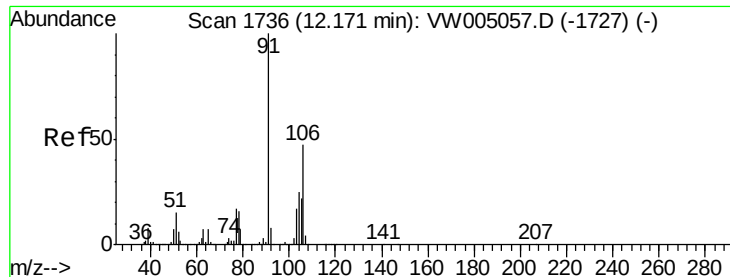
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#68
m/p-Xylenes
Concen: 110.46 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion: 106 Resp: 1178426
Ion Ratio Lower Upper
106 100
91 196.4 158.4 237.6





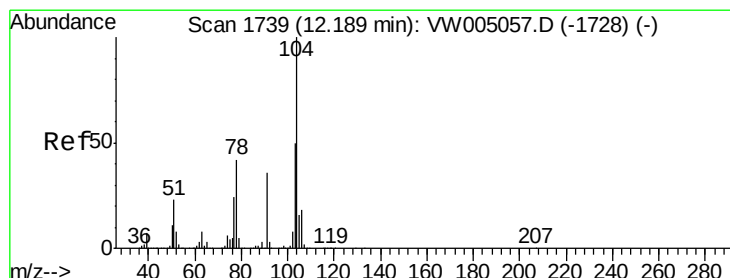
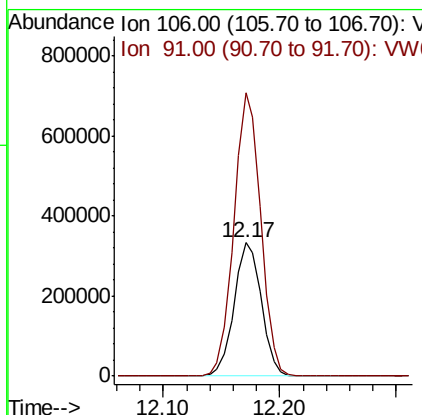
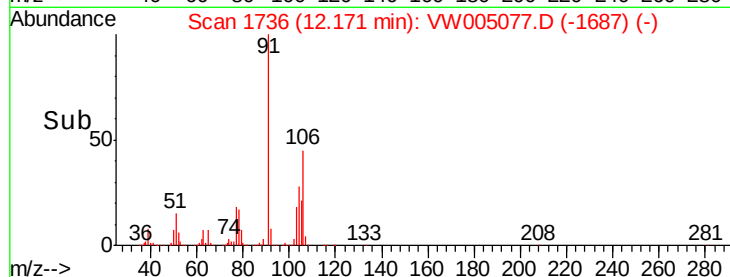
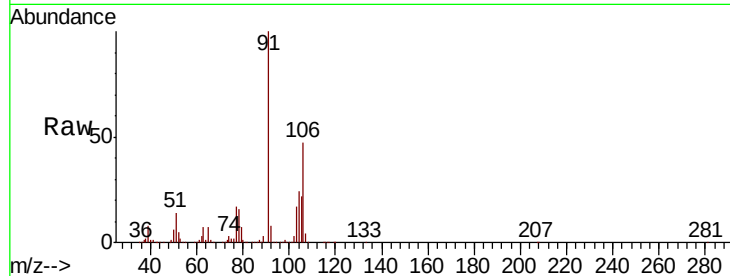
#69
o-Xylene
Concen: 54.91 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		541594		
91	209.3	105.6	316.8		

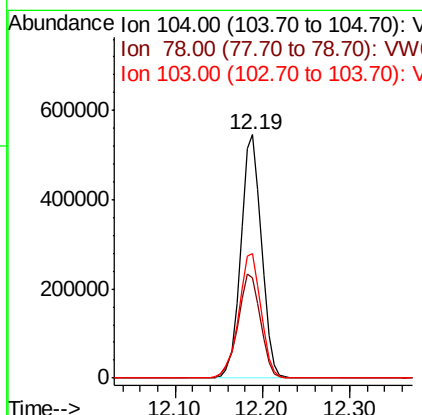
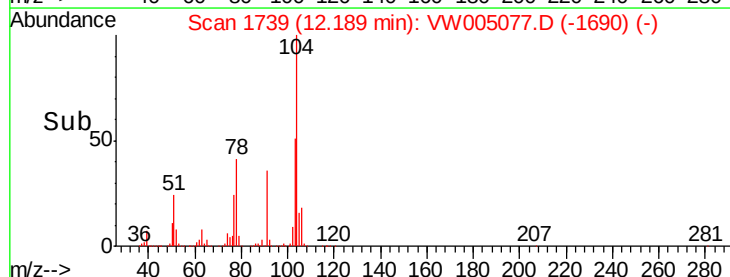
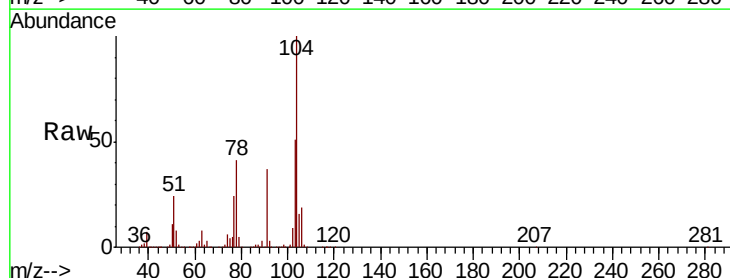
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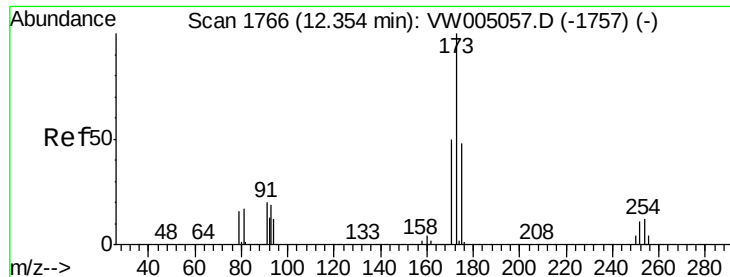
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#70
Styrene
Concen: 54.95 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		895309		
78	47.0	37.8	56.6		
103	55.3	44.1	66.1		





#71

Bromoform

Concen: 52.53 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

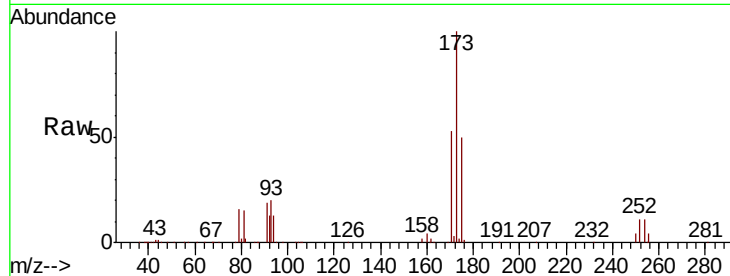
ClientSampled :

VSTDCCC050

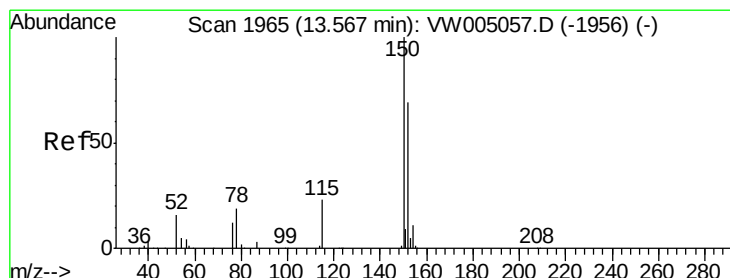
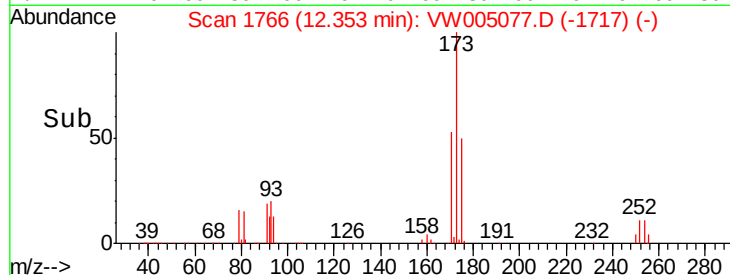
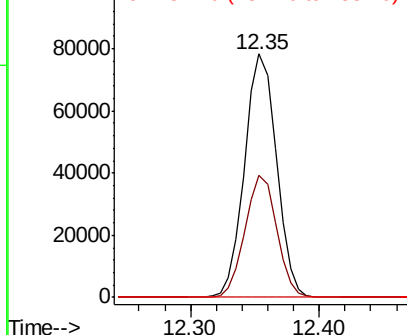
Tot Ion:	173	Resp:	134104
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.1	72.2
254	0.1	0.2	0.2#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

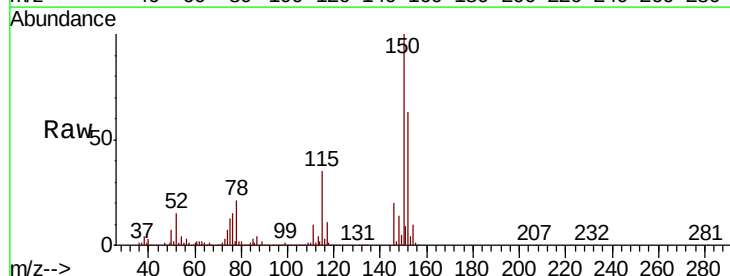
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

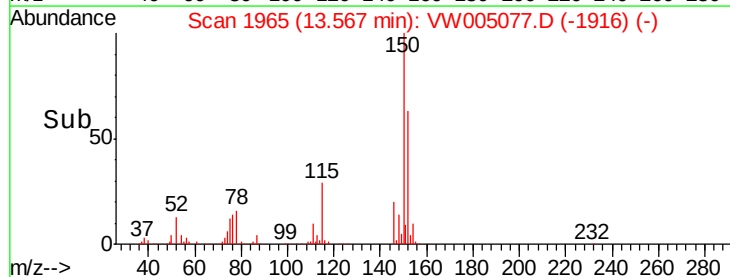
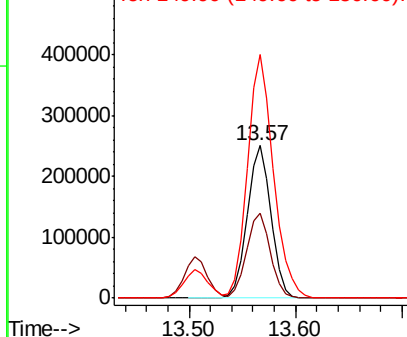
Lab File: VW005077.D

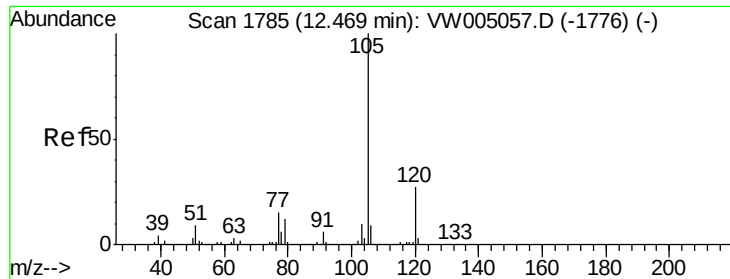
Acq: 04 Sep 2018 13:25

Tgt Ion:	152	Resp:	390322
Ion Ratio	Lower	Upper	
152	100		
115	55.5	27.8	83.4
150	174.7	0.0	351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.03 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1487106

Ion Ratio Lower Upper

105 100

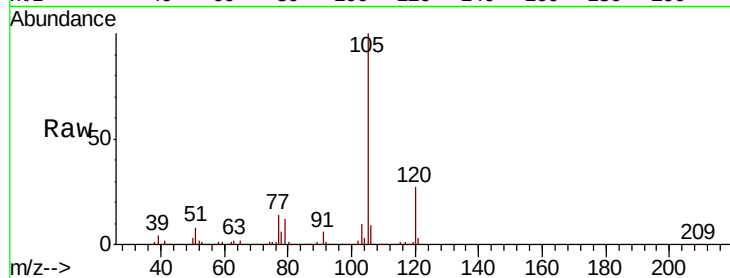
120 27.1 13.4 40.1

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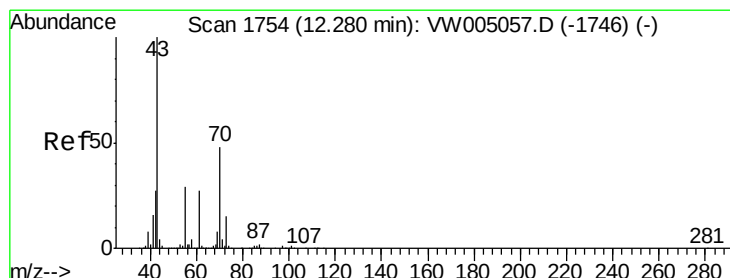
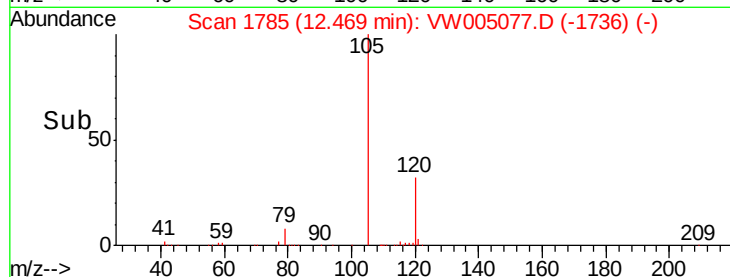
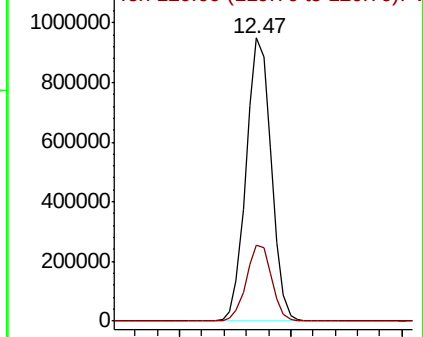
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.91 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Tgt Ion: 43 Resp: 250731

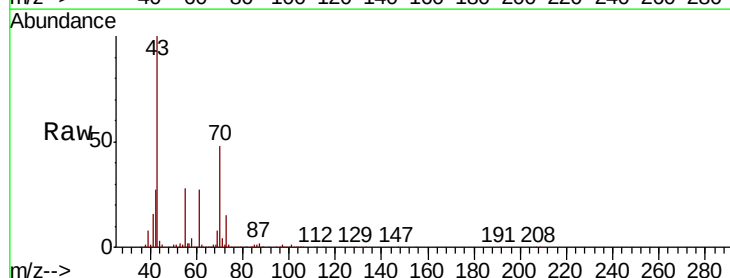
Ion Ratio Lower Upper

43 100

70 49.0 38.2 57.4

55 29.1 23.2 34.8

61 27.0 20.6 31.0

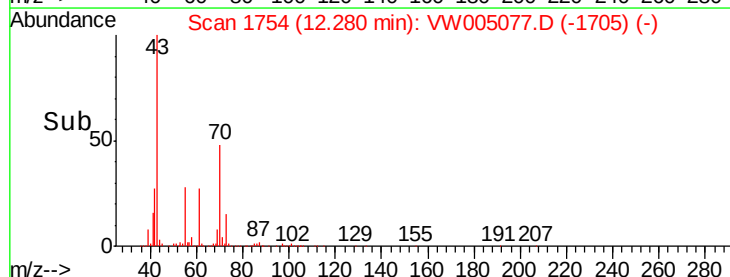
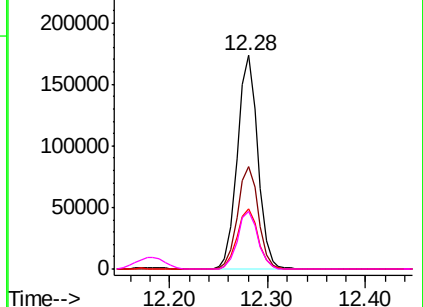


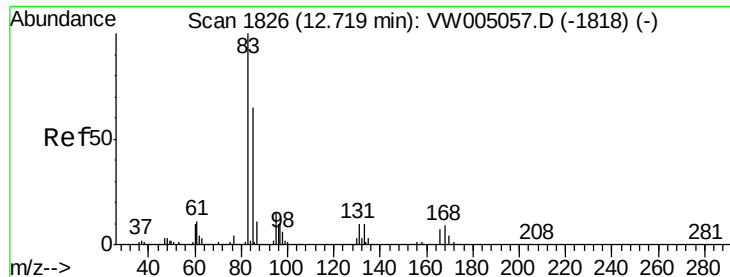
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 49.47 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

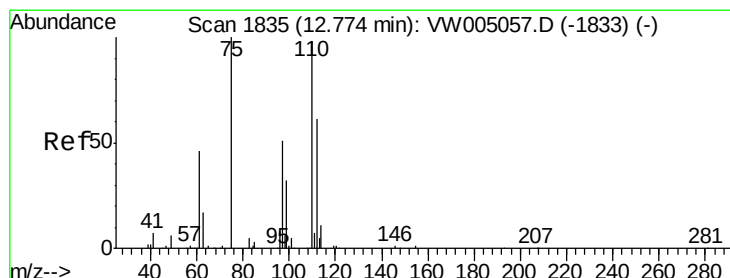
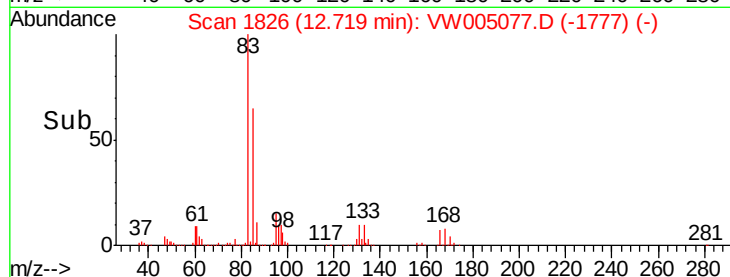
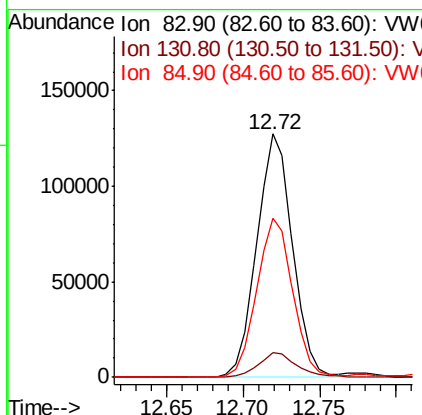
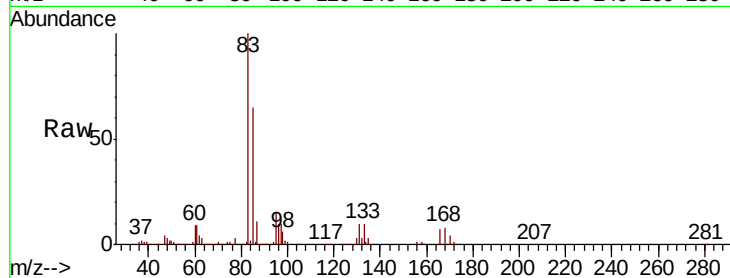
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	207268
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	65.8	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 47.04 ug/l m

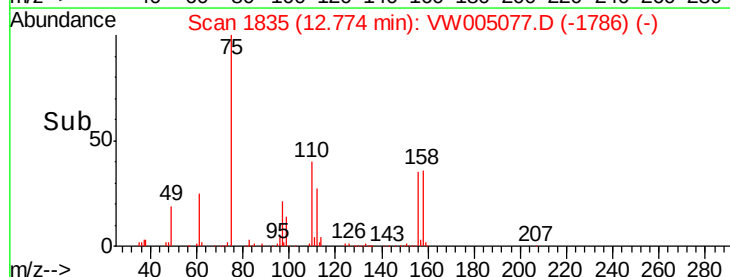
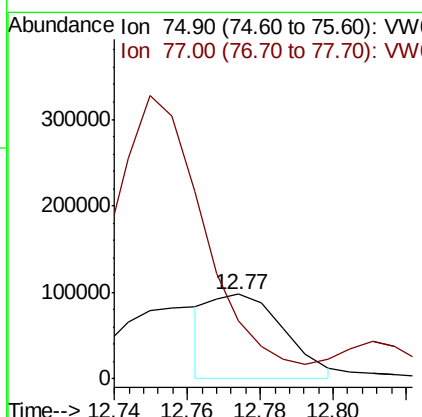
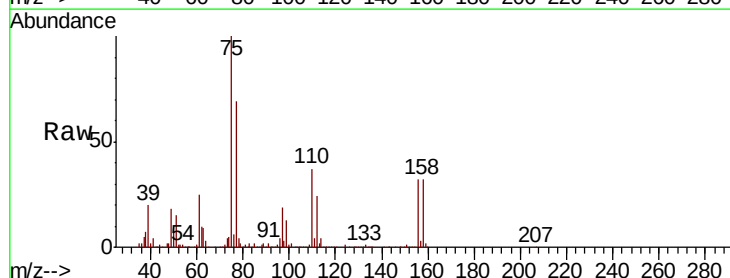
RT: 12.77 min Scan# 1835

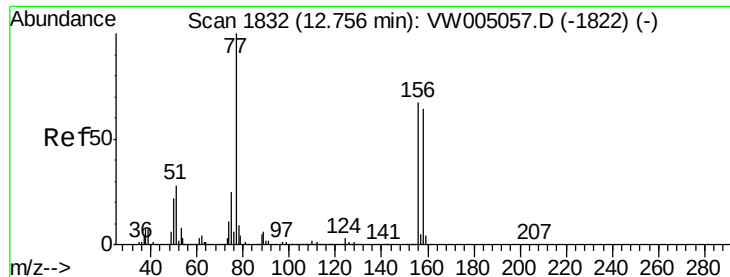
Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Tgt Ion:	75	Resp:	137821
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





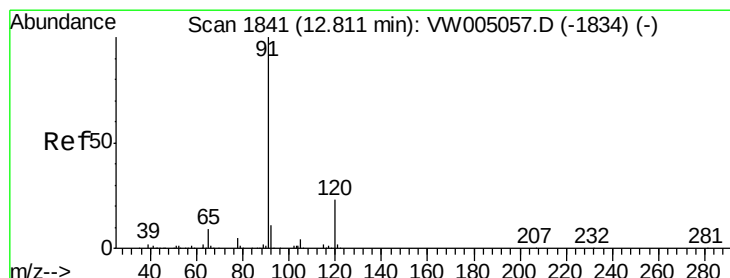
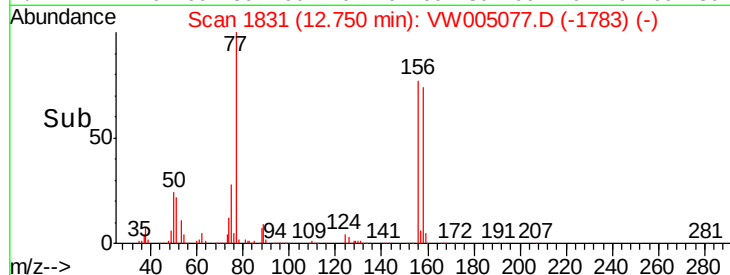
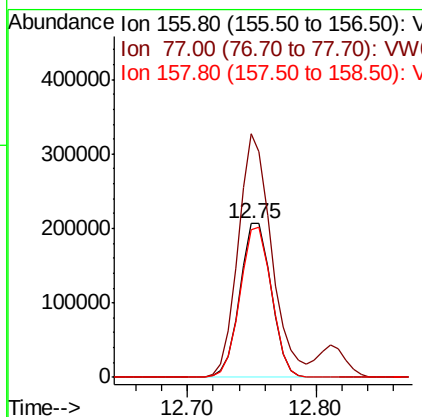
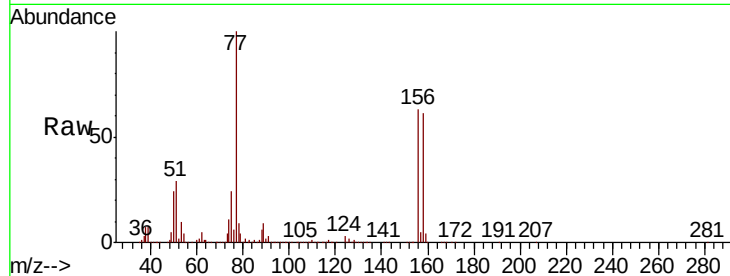
#77
Bromobenzene
Concen: 51.43 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	167.7	85.8	257.4
158	97.2	48.1	144.4

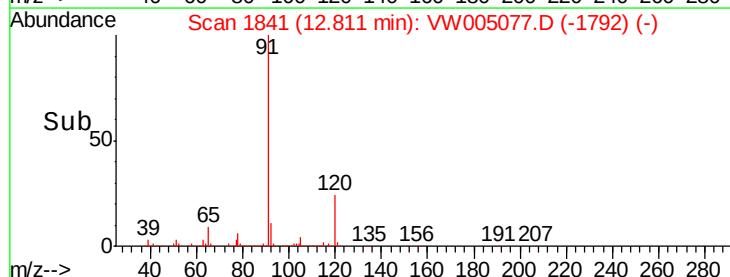
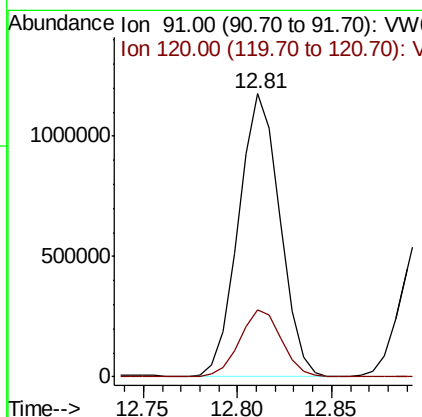
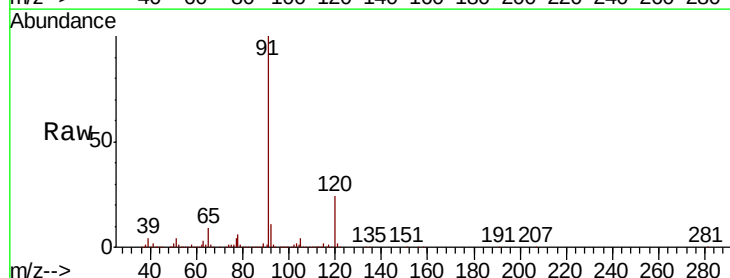
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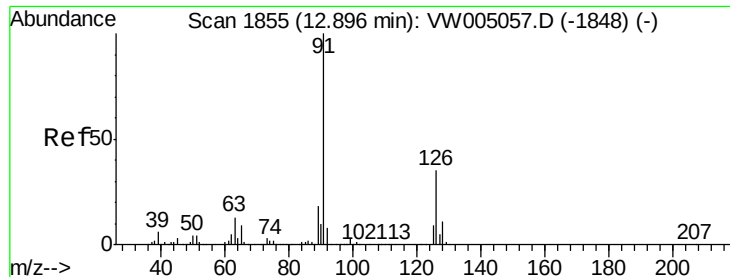
apatel
9/5/2018 10:02:11 AM



#78
n-propylbenzene
Concen: 53.93 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.8	35.3





#79

2-Chlorotoluene

Concen: 51.90 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1005921

Ion Ratio Lower Upper

91 100

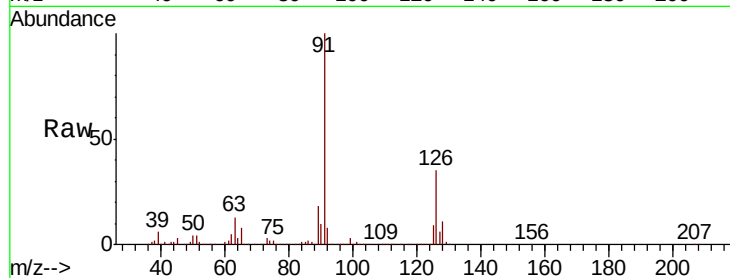
126 35.2 17.3 52.0

Manual Integrations

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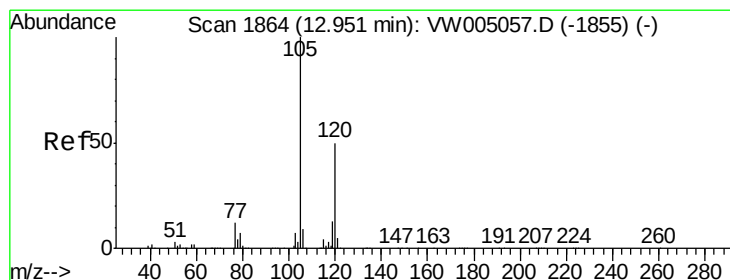
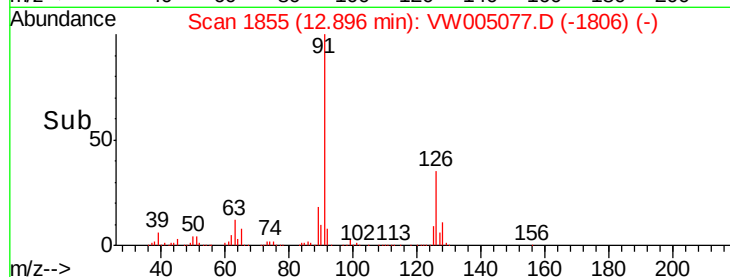
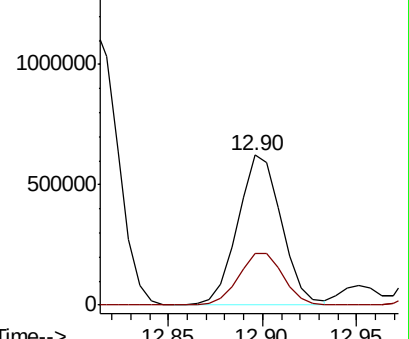
apatel

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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: 53.51 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005077.D

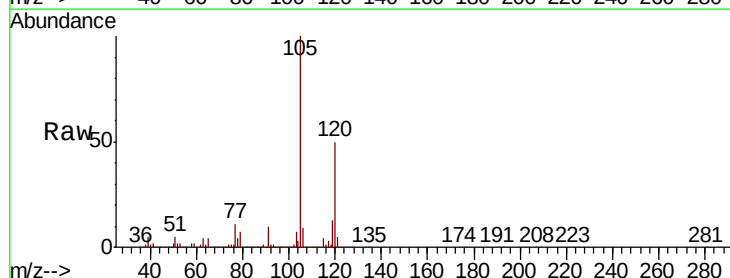
Acq: 04 Sep 2018 13:25

Tgt Ion:105 Resp: 1273643

Ion Ratio Lower Upper

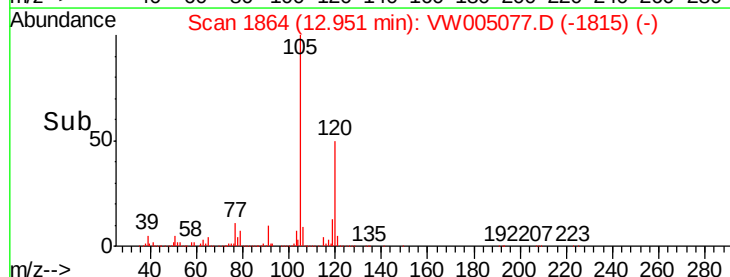
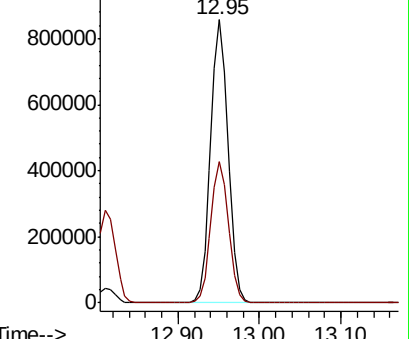
105 100

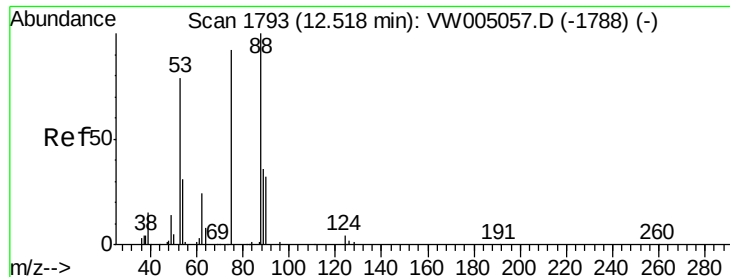
120 50.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





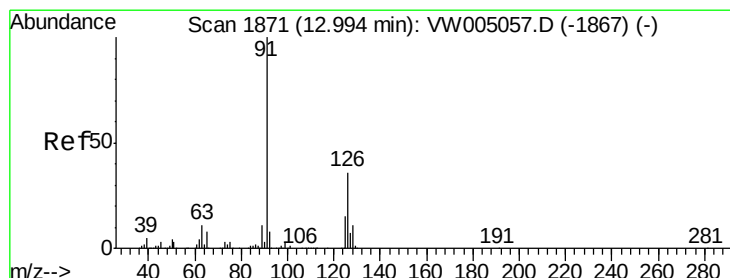
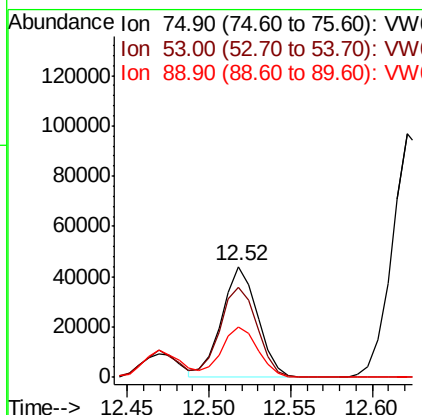
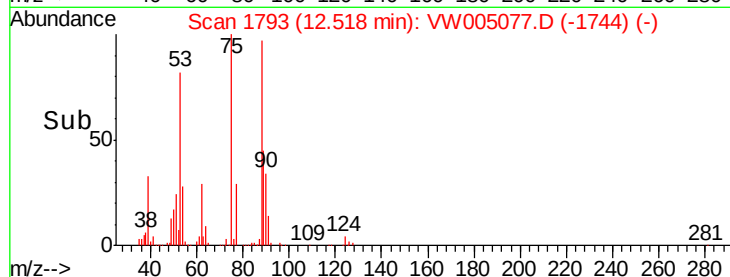
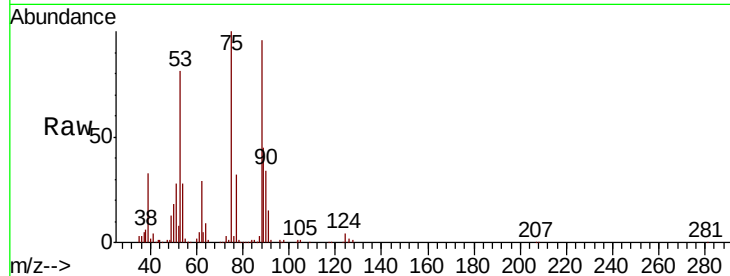
#81
trans-1,4-Dichloro-2-butene
Concen: 55.01 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.8	69.8	104.8
89	46.3	36.0	54.0

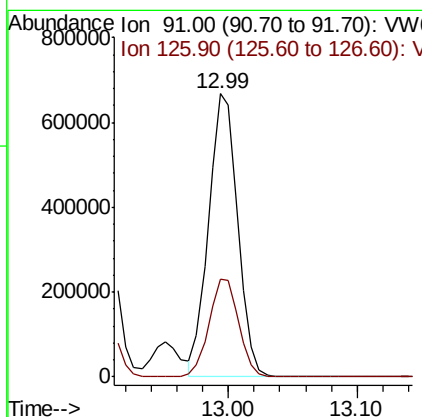
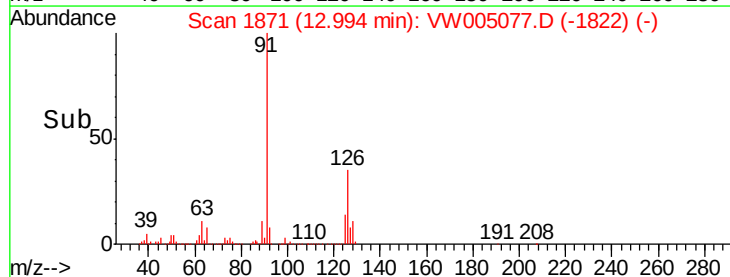
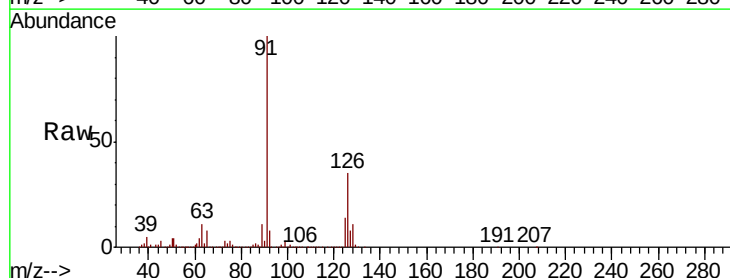
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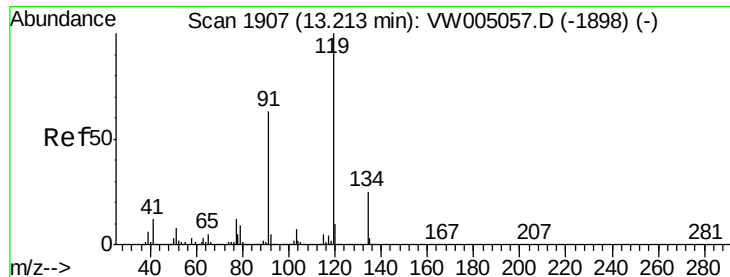
apatel
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#82
4-Chlorotoluene
Concen: 51.55 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.4	52.3





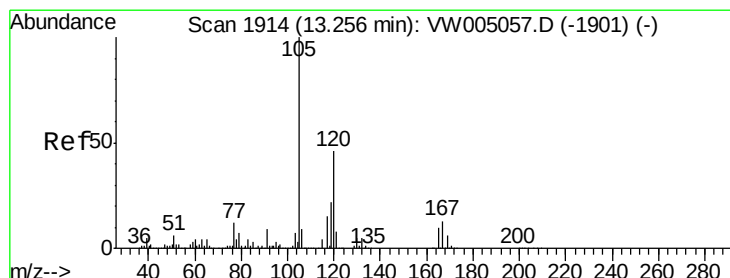
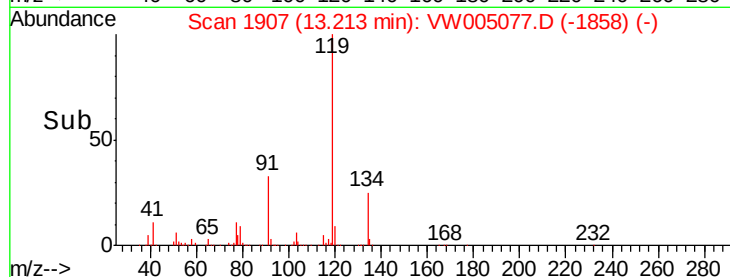
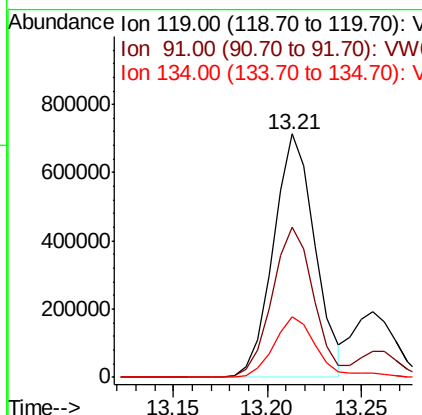
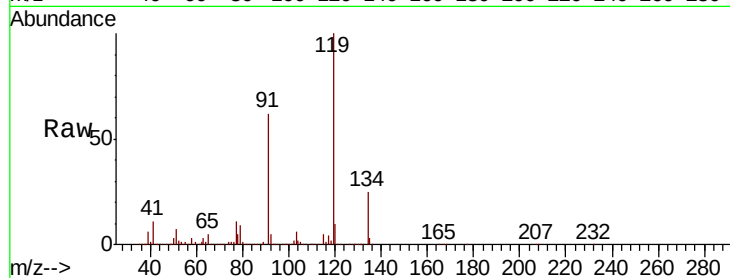
#83
 tert-Butylbenzene
 Concen: 54.92 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	31.8	95.4
134	26.1	13.0	39.0

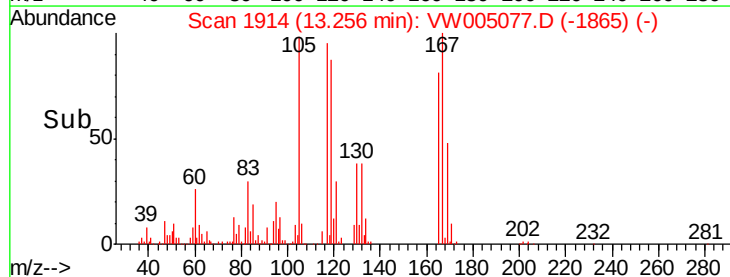
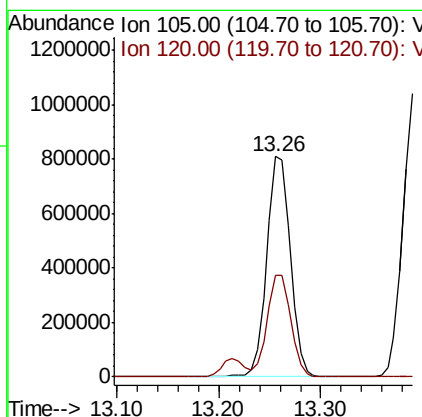
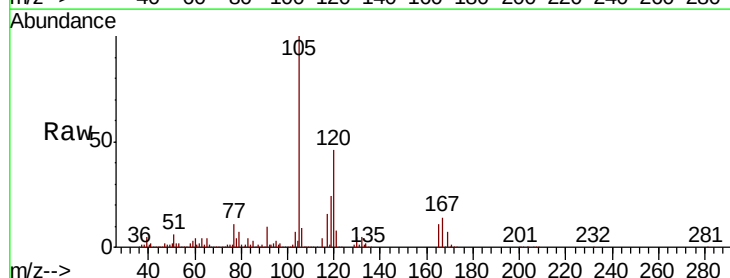
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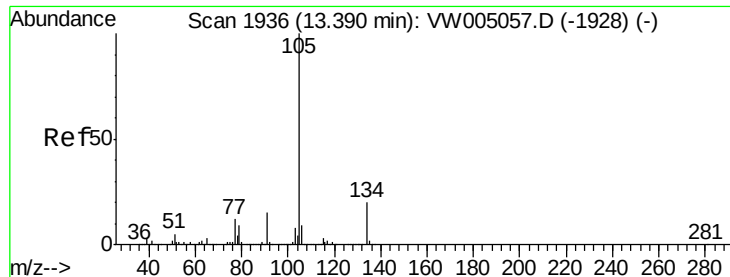
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.54 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.3





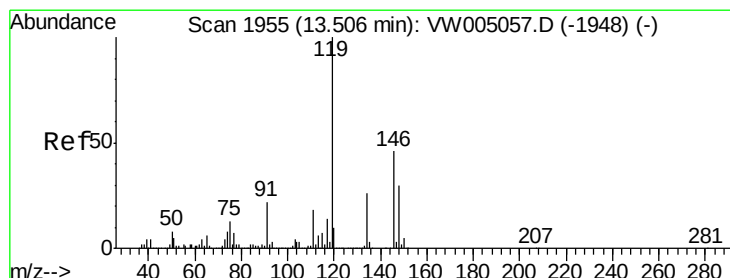
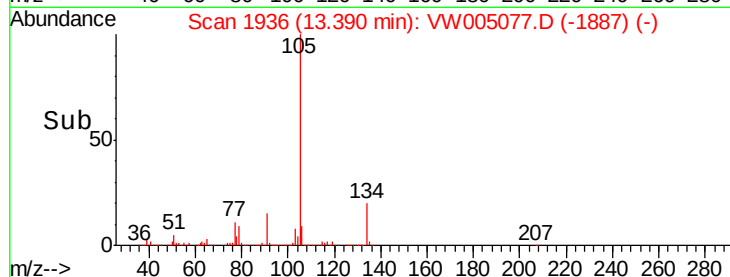
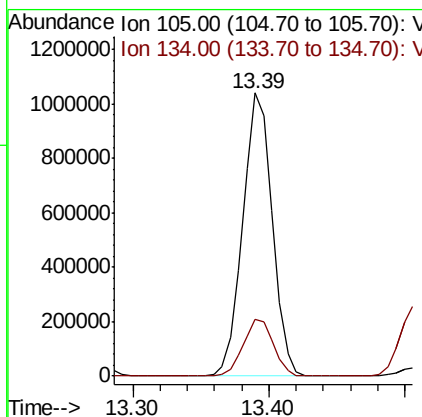
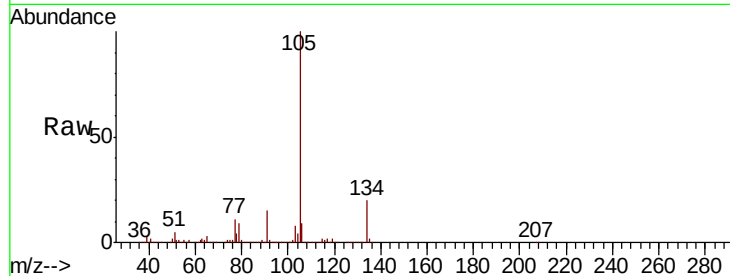
#85
 sec-Butylbenzene
 Concen: 53.91 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1574710
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3

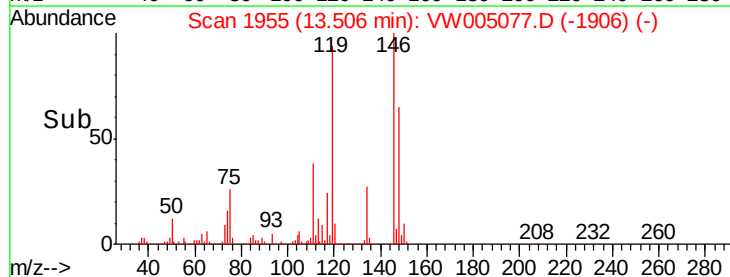
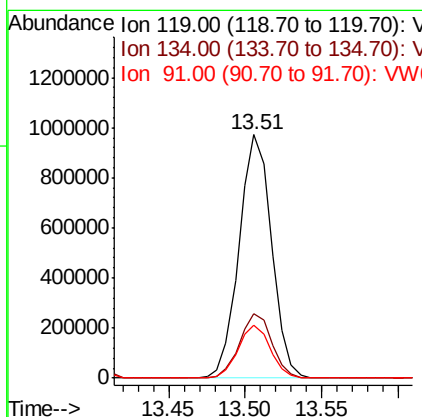
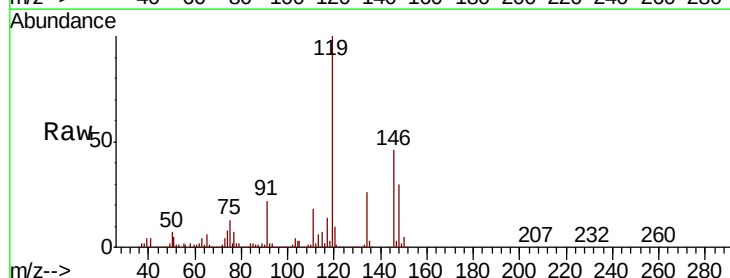
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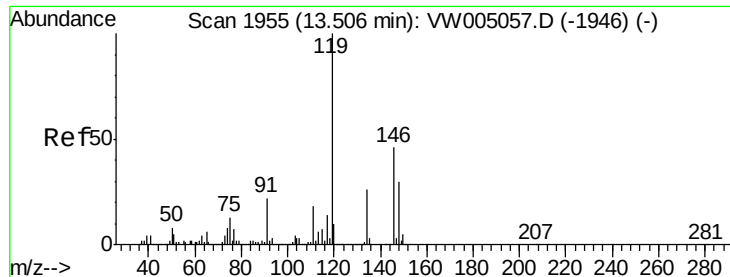
apatel
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#86
 p-Isopropyltoluene
 Concen: 55.21 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion:119 Resp: 1427408
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 21.6 10.9 32.9





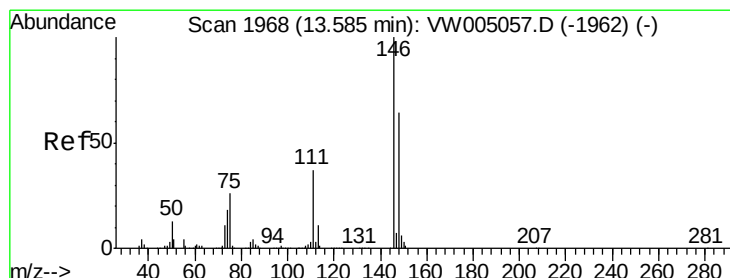
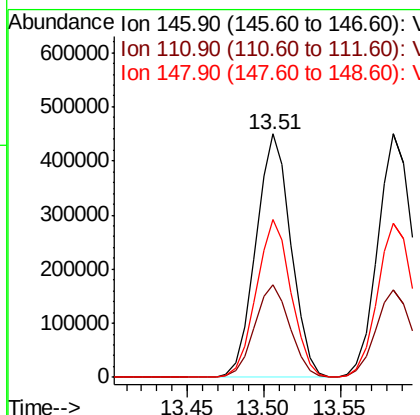
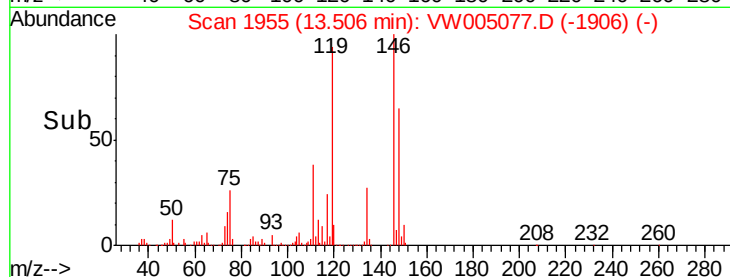
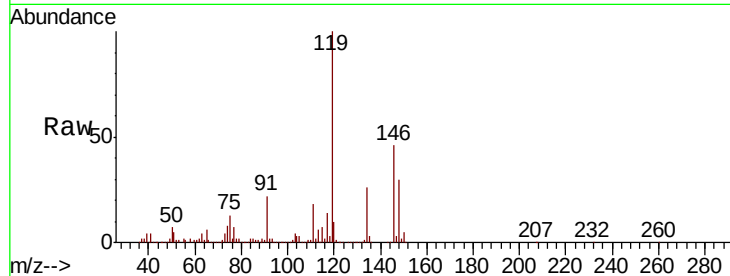
#87
 1,3-Dichlorobenzene
 Concen: 51.54 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.3	19.2	57.6	
148	64.2	31.9	95.7	

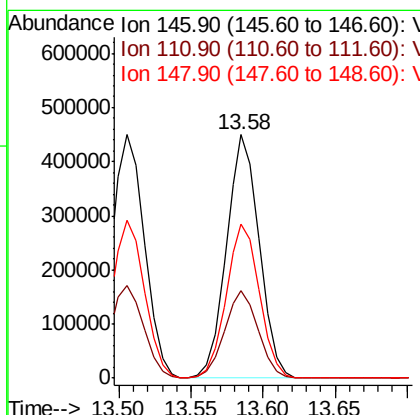
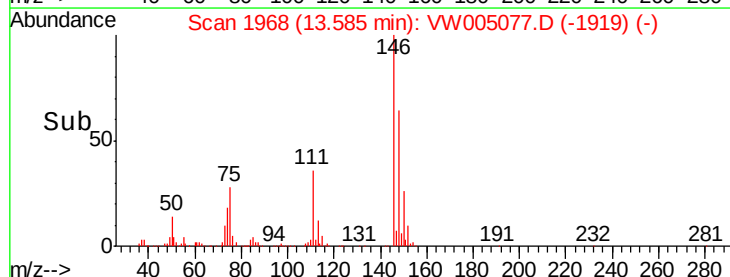
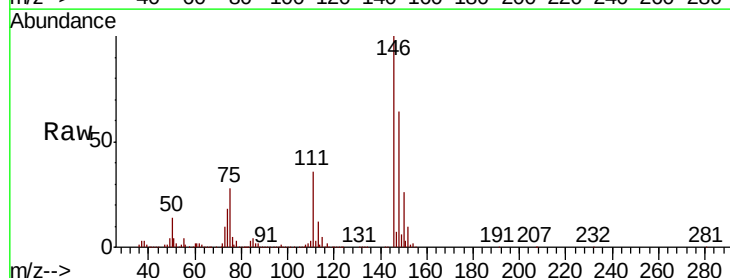
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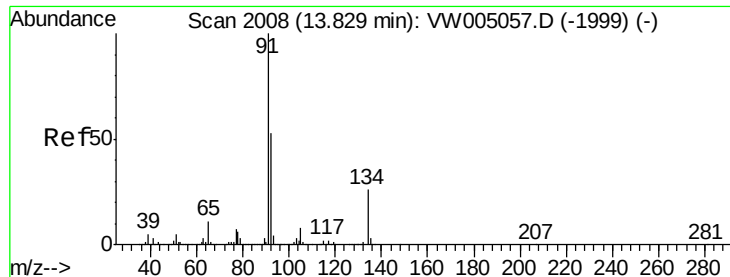
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#88
 1,4-Dichlorobenzene
 Concen: 51.61 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	36.7	18.6	56.0	
148	64.1	32.0	96.0	





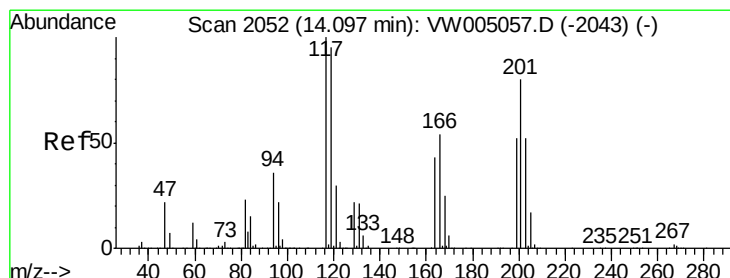
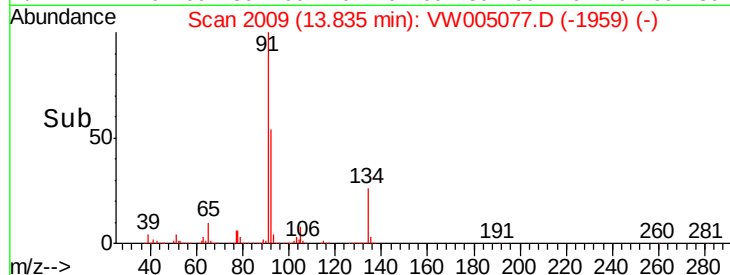
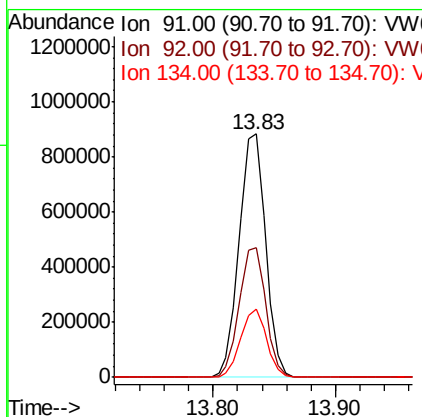
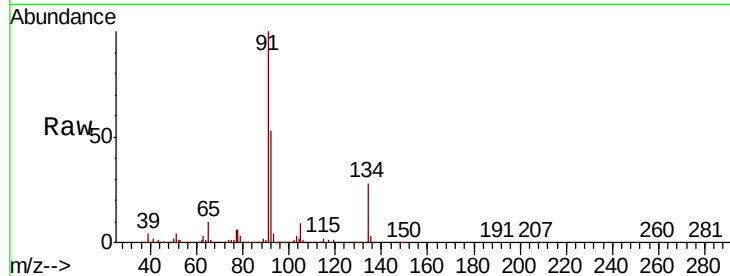
#89
n-Butylbenzene
Concen: 55.40 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.5
134	27.3	13.5	40.4

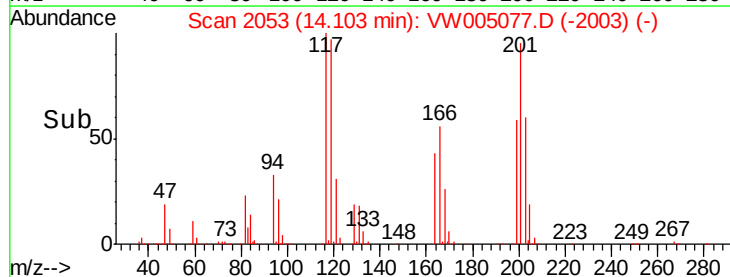
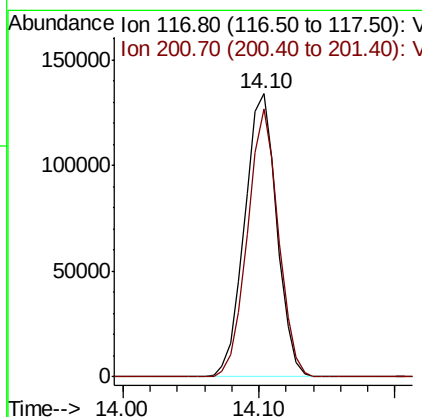
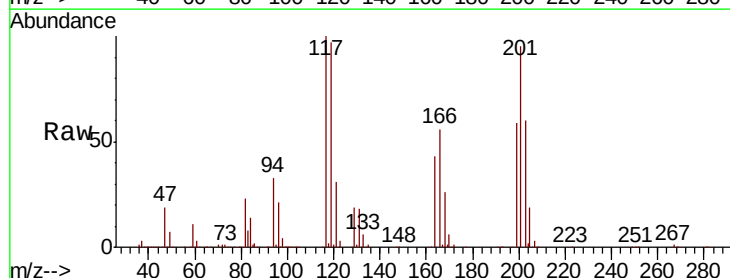
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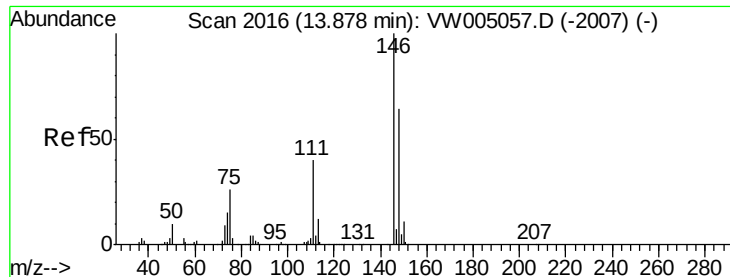
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#90
Hexachloroethane
Concen: 51.67 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.0	44.6	133.8





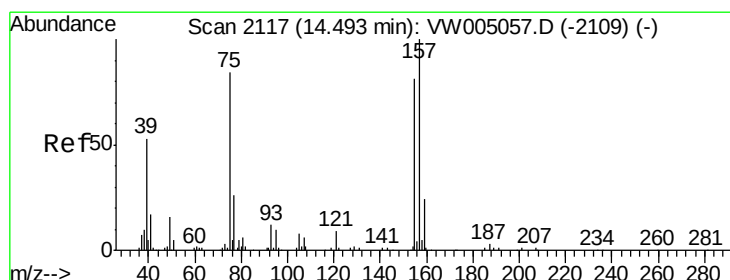
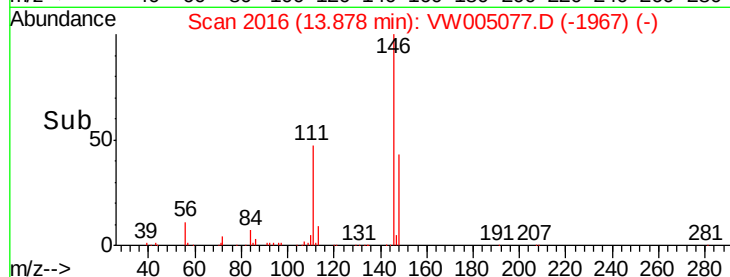
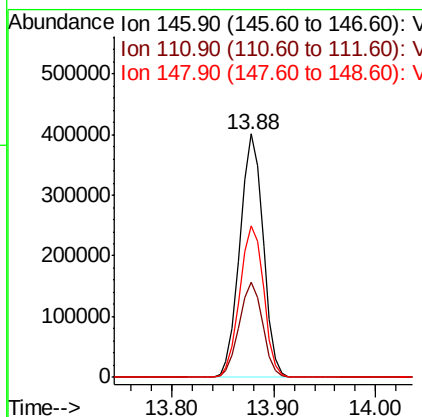
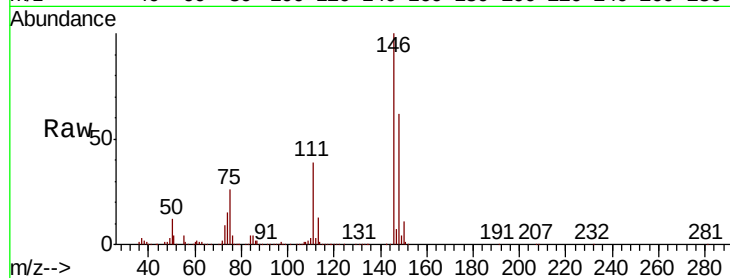
#91
 1,2-Dichlorobenzene
 Concen: 52.11 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	64.0	31.9	95.9

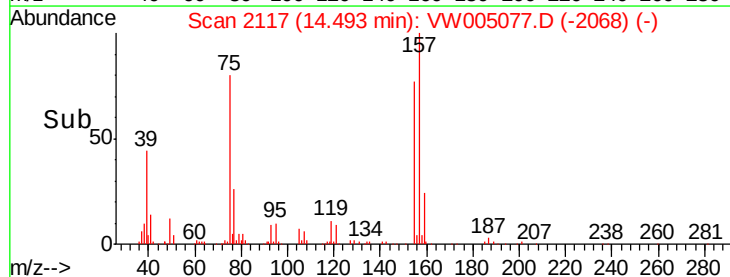
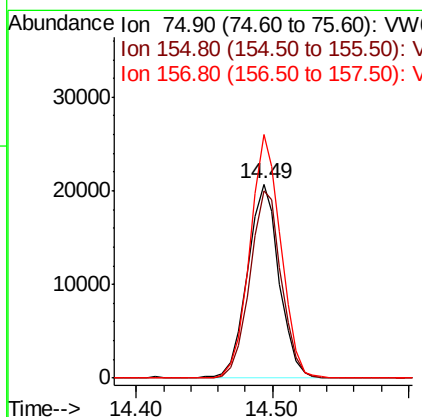
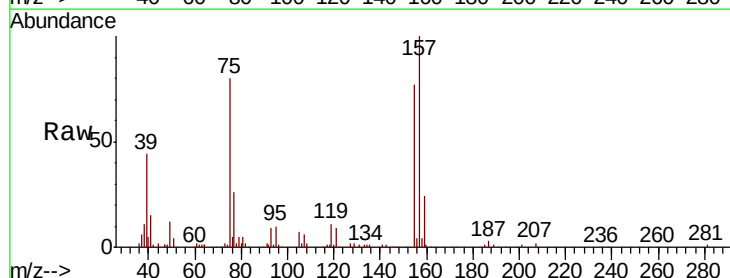
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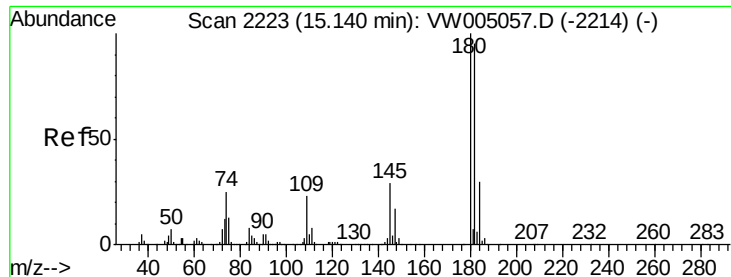
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.62 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	46.0	137.8
157	122.4	58.6	175.7





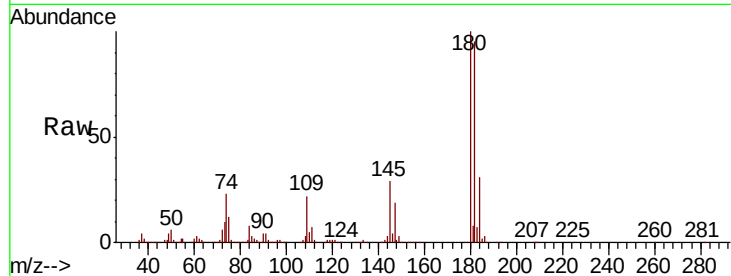
#93
1,2,4-Trichlorobenzene
Concen: 57.06 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. 0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.5	142.6	
145	28.8	14.4	43.2	

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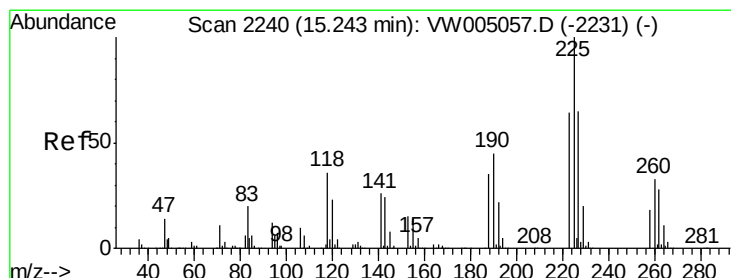
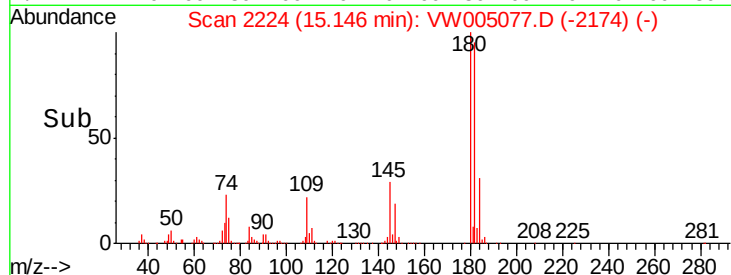
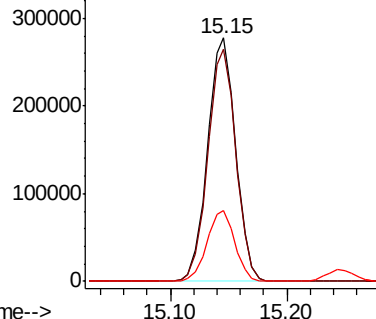


Abundance

Ion 179.80 (179.50 to 180.50): V

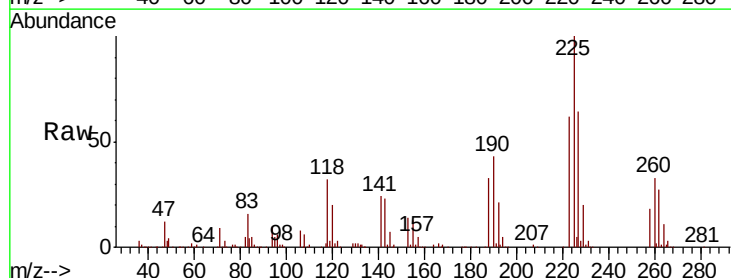
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 56.48 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	31.4	94.3	
227	63.5	32.0	96.0	

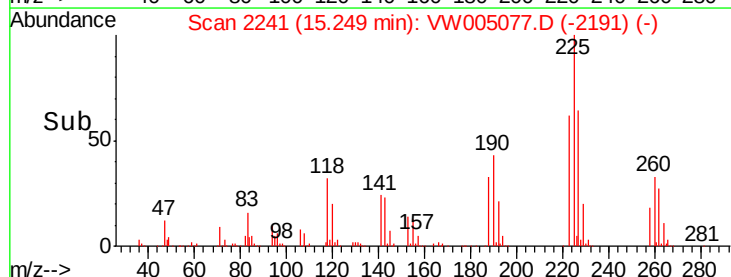
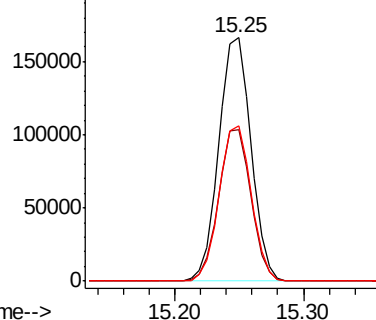


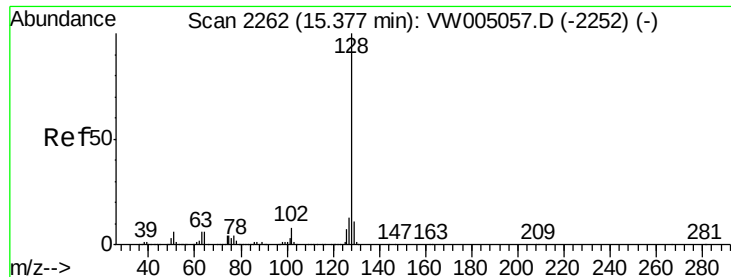
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





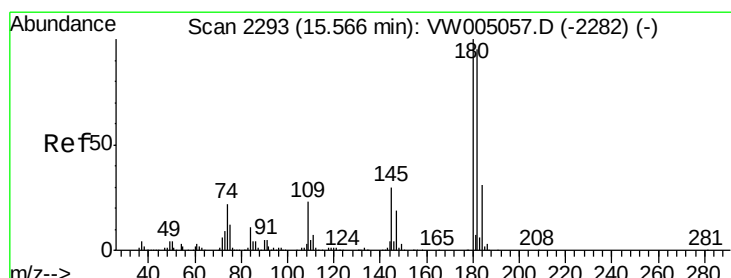
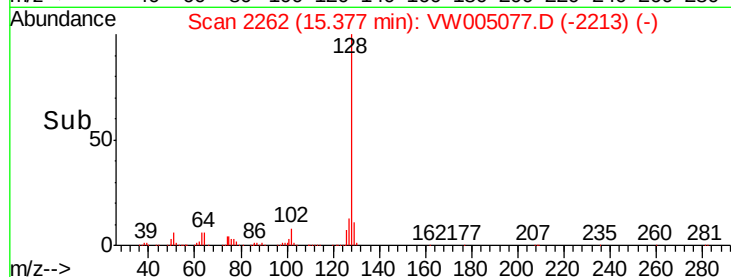
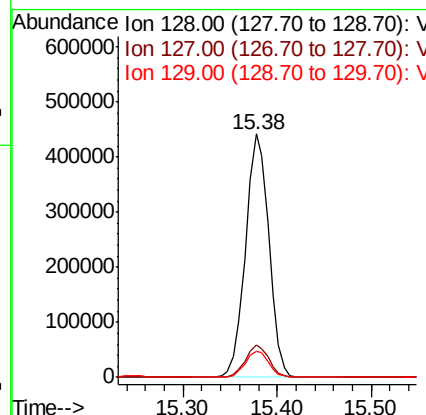
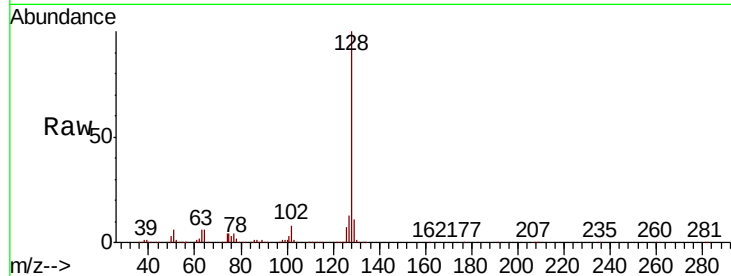
#95
Naphthalene
Concen: 53.95 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	764024		
127	13.0		10.4	15.6
129	10.9		8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 57.47 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	400414		
182	95.0		47.4	142.3
145	30.6		15.4	46.1

