

Data File : VW006376.D
Acq On : 25 Oct 2018 23:07
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
10/26/2018 11:51:23 AM

Quant Time: Oct 26 07:30:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	329584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172257	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95095	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	7.88	113	99240	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	10.32	98	362305	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.62	95	141052	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	58859	52.363	ug/l	99
3) Chloromethane	2.21	50	76940	53.174	ug/l	100
4) Vinyl Chloride	2.37	62	109594	53.037	ug/l	98
5) Bromomethane	2.79	94	99013	52.682	ug/l	99
6) Chloroethane	2.93	64	82596	55.777	ug/l	97
7) Trichlorofluoromethane	3.26	101	105696	54.908	ug/l	99
8) Diethyl Ether	3.68	74	56010	54.749	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	110554	54.802	ug/l	99
10) Methyl Iodide	4.26	142	190928	56.863	ug/l	99
11) Tert butyl alcohol	5.23	59	31051	245.165	ug/l	98
12) 1,1-Dichloroethene	4.03	96	103905	54.747	ug/l	93
13) Acrolein	3.90	56	27819	226.994	ug/l	97
14) Allyl chloride	4.67	41	144203	53.139	ug/l	99
15) Acrylonitrile	5.37	53	107862	293.951	ug/l	100
16) Acetone	4.15	43	101108	288.459	ug/l	100
17) Carbon Disulfide	4.37	76	285081	49.770	ug/l	99
18) Methyl Acetate	4.68	43	56804	59.938	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	163868	56.688	ug/l	99
20) Methylene Chloride	4.91	84	113795	57.347	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	119944	56.619	ug/l	99
22) Diisopropyl ether	6.31	45	304050	56.697	ug/l	99
23) Vinyl Acetate	6.26	43	881832	278.636	ug/l	99
24) 1,1-Dichloroethane	6.21	63	201347	58.187	ug/l	98
25) 2-Butanone	7.18	43	145321	285.647	ug/l	98
26) 2,2-Dichloropropane	7.17	77	123527	50.614	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	137329	58.744	ug/l	98
28) Bromochloromethane	7.51	49	80331	60.133	ug/l	95
29) Tetrahydrofuran	7.54	42	87264	279.054	ug/l	97
30) Chloroform	7.68	83	222133	58.920	ug/l	98
31) Cyclohexane	7.95	56	170582	49.501	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	187810	55.225	ug/l	99
36) 1,1-Dichloropropene	8.09	75	167856	55.255	ug/l	99
37) Ethyl Acetate	7.26	43	63871	56.589	ug/l	99
38) Carbon Tetrachloride	8.07	117	177504	53.301	ug/l	97

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	215280	53.312	ug/l	99
40) Benzene	8.32	78	478540	57.427	ug/l	99
41) Methacrylonitrile	7.49	41	36531	53.690	ug/l	92
42) 1,2-Dichloroethane	8.40	62	142652	58.267	ug/l	99
43) Isopropyl Acetate	8.43	43	126864	54.973	ug/l	99
44) Trichloroethene	9.09	130	146113	57.152	ug/l	99
45) 1,2-Dichloropropane	9.37	63	113892	57.116	ug/l	99
46) Dibromomethane	9.46	93	66575	58.579	ug/l	98
47) Bromodichloromethane	9.65	83	156772	56.896	ug/l	99
48) Methyl methacrylate	9.44	41	61223	55.968	ug/l	94
49) 1,4-Dioxane	9.48	88	20434	1167.916	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	327740	283.448	ug/l	98
52) Toluene	10.39	92	319327	57.159	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	154487	56.274	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	176500	56.019	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	94056	59.139	ug/l	98
56) Ethyl methacrylate	10.65	69	113538	58.233	ug/l	97
57) 1,3-Dichloropropane	10.93	76	154124	58.541	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	199350	267.581	ug/l	98
59) 2-Hexanone	10.97	43	226313	274.192	ug/l	97
60) Dibromochloromethane	11.13	129	114026	57.559	ug/l	99
61) 1,2-Dibromoethane	11.24	107	94441	59.430	ug/l	100
64) Tetrachloroethene	10.87	164	133065	56.803	ug/l	99
65) Chlorobenzene	11.66	112	375445	58.121	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	133495	58.151	ug/l	99
67) Ethyl Benzene	11.74	91	638600	57.044	ug/l	99
68) m/p-Xylenes	11.84	106	505900	114.332	ug/l	99
69) o-Xylene	12.17	106	243347	57.706	ug/l	97
70) Styrene	12.18	104	399945	58.323	ug/l	99
71) Bromoform	12.35	173	71586	55.907	ug/l	99
73) Isopropylbenzene	12.47	105	677345	55.660	ug/l	100
74) N-amyl acetate	12.28	43	124466	52.659	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	109346	59.077	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	66433m	50.492	ug/l	
77) Bromobenzene	12.75	156	171744	57.619	ug/l	98
78) n-propylbenzene	12.81	91	786684	55.564	ug/l	100
79) 2-Chlorotoluene	12.90	91	445620	56.018	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	570752	55.634	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28387	51.574	ug/l	97
82) 4-Chlorotoluene	12.99	91	470450	56.456	ug/l	99
83) tert-Butylbenzene	13.21	119	514919	56.099	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	579832	55.854	ug/l	100
85) sec-Butylbenzene	13.39	105	719348	55.474	ug/l	100
86) p-Isopropyltoluene	13.51	119	656409	55.965	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	339004	57.148	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	336512	56.974	ug/l	99
89) n-Butylbenzene	13.83	91	588193	54.835	ug/l	99
90) Hexachloroethane	14.10	117	105888	53.299	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	303014	57.266	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18004	54.329	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102718\
Quantitation Report (QT Reviewed)

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VSTDCCC050

Manual Integrations
APPROVED

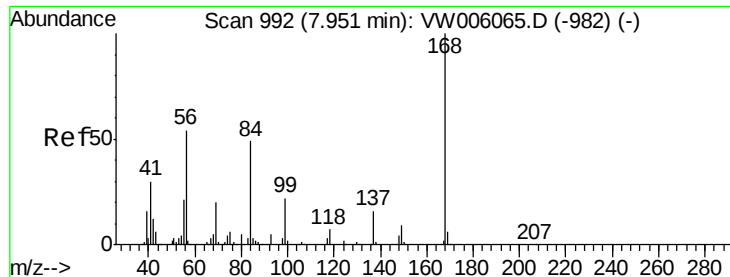
apatel
10/26/2018 11:51:23 AM

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	230499	56.614	ug/l	100
94) Hexachlorobutadiene	15.24	225	140987	55.124	ug/l	99
95) Naphthalene	15.38	128	393244	58.062	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	202081	57.384	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 227150

Ion Ratio Lower Upper

168 100

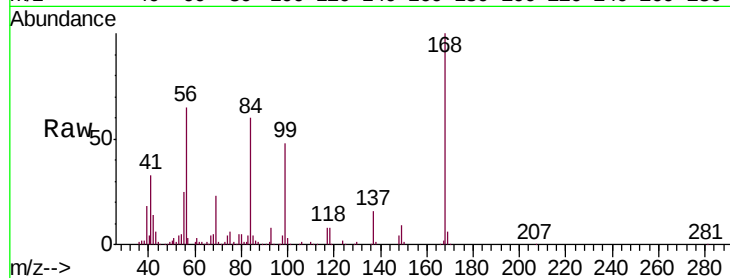
99 48.4 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

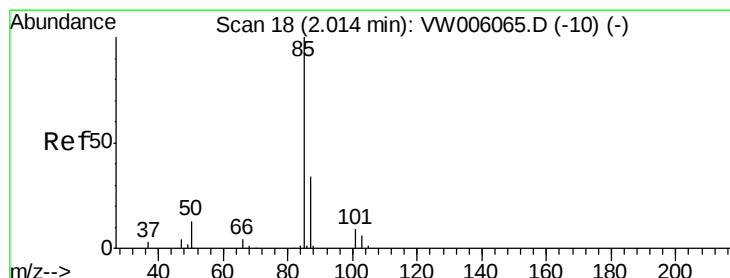
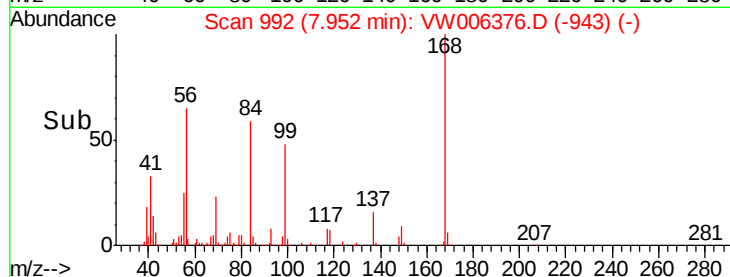
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 52.363 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006376.D

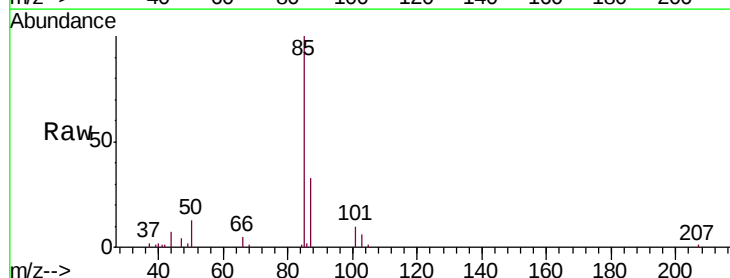
Acq: 25 Oct 2018 23:07

Tgt Ion: 85 Resp: 58859

Ion Ratio Lower Upper

85 100

87 32.9 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

15000

10000

5000

0

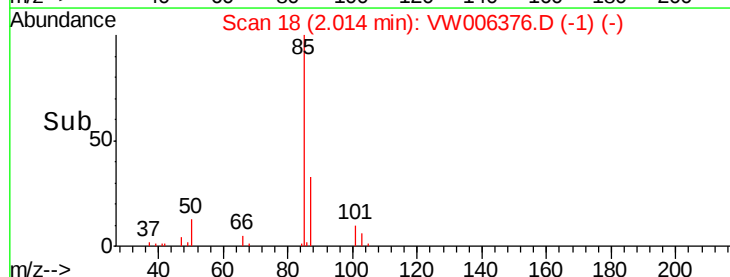
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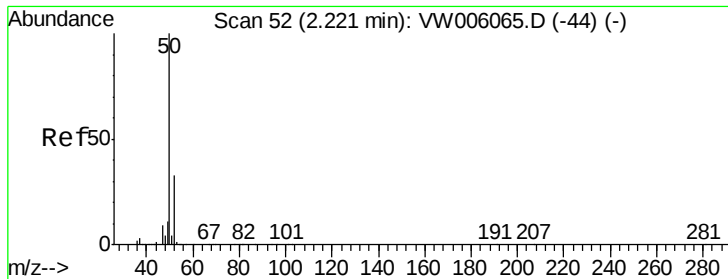
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 53.174 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 76940

Ion Ratio Lower Upper

50 100

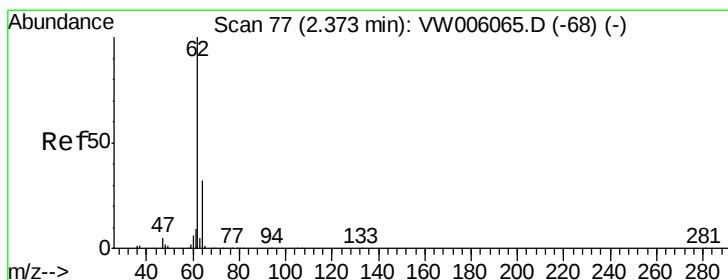
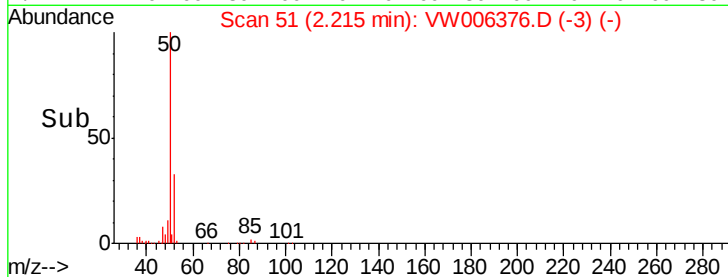
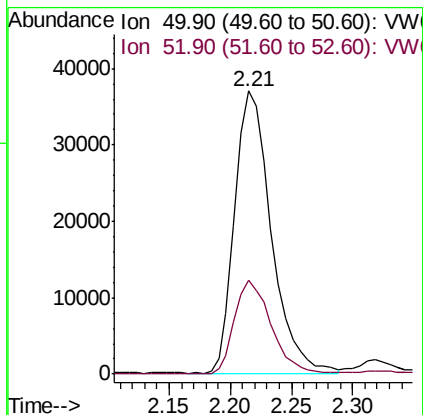
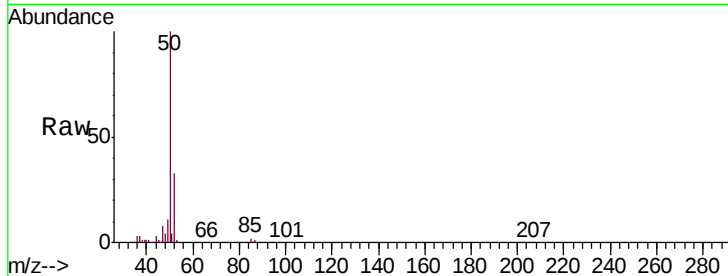
52 33.3 26.8 40.2

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#4

Vinyl Chloride

Concen: 53.037 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006376.D

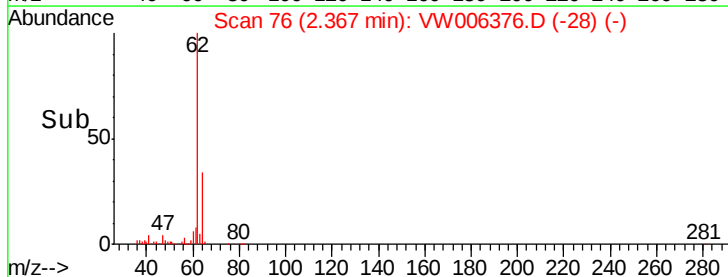
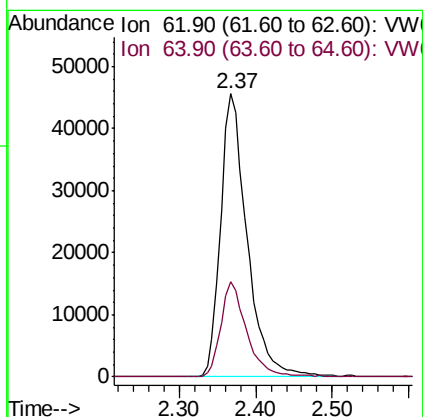
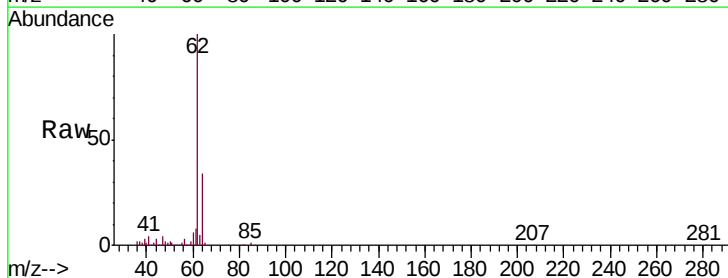
Acq: 25 Oct 2018 23:07

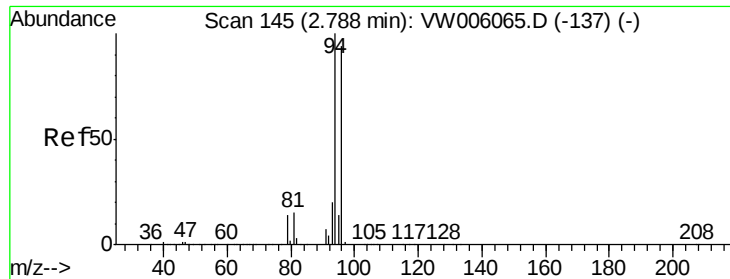
Tgt Ion: 62 Resp: 109594

Ion Ratio Lower Upper

62 100

64 33.5 25.9 38.9





#5

Bromomethane

Concen: 52.682 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 99013

Ion Ratio Lower Upper

94 100

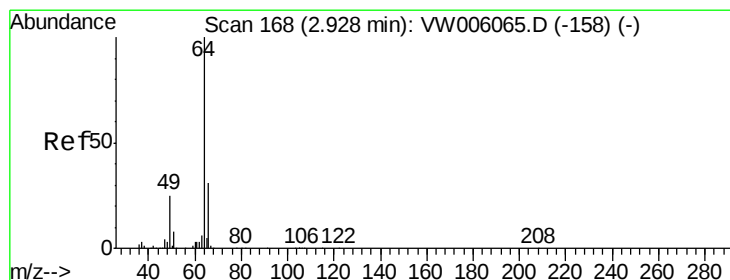
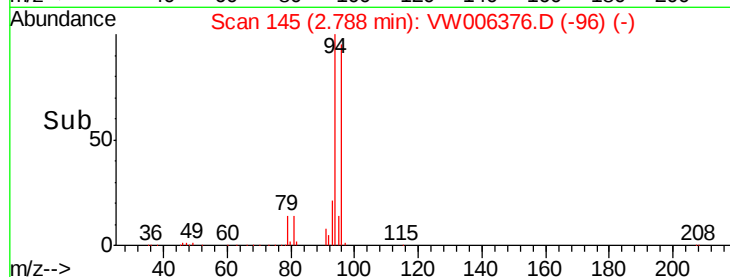
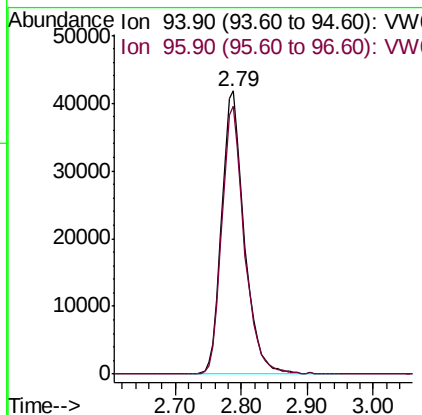
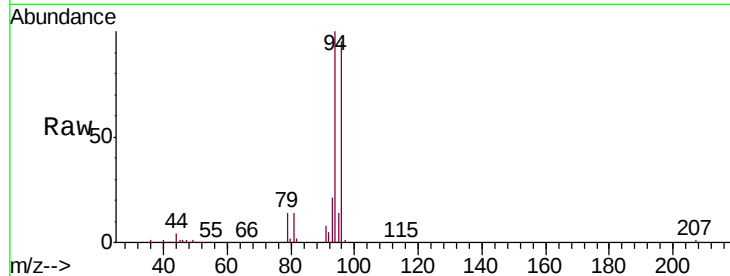
96 94.6 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 55.777 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006376.D

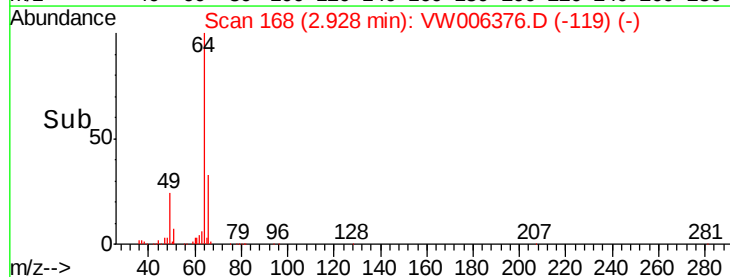
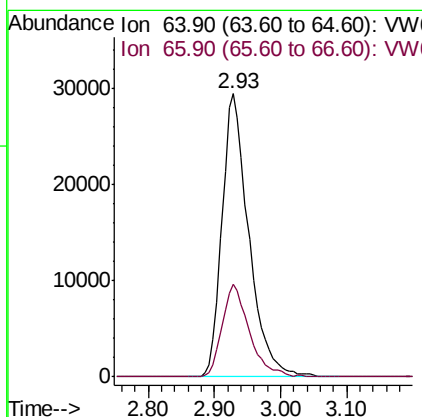
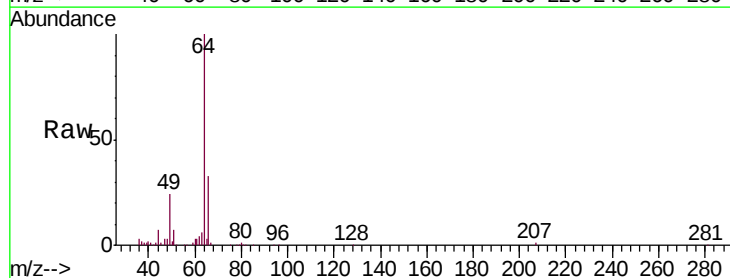
Acq: 25 Oct 2018 23:07

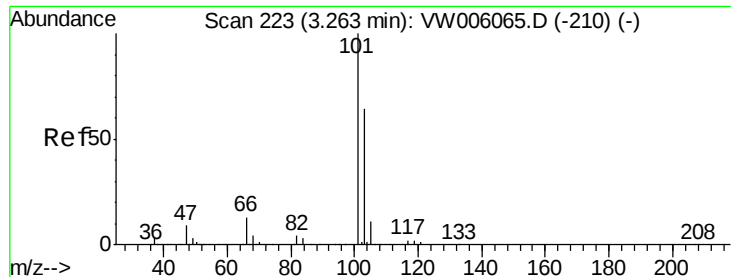
Tgt Ion: 64 Resp: 82596

Ion Ratio Lower Upper

64 100

66 32.6 24.9 37.3





#7

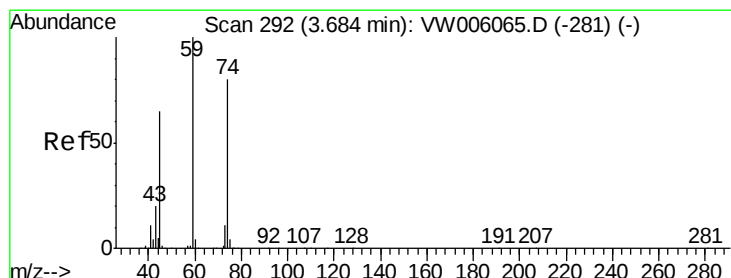
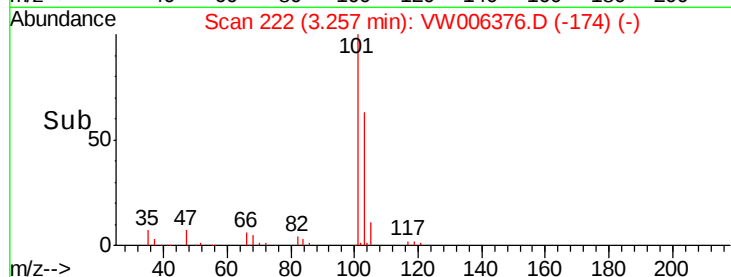
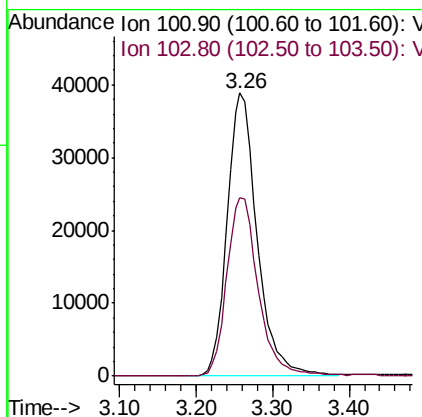
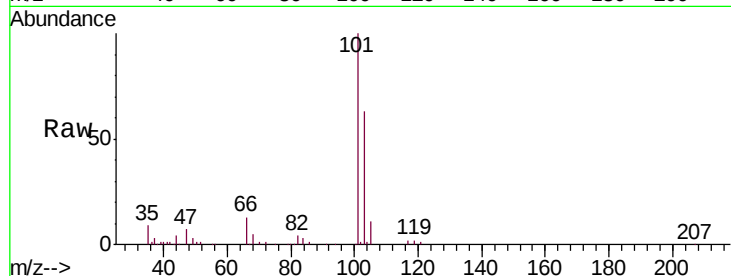
Trichlorofluoromethane
Concen: 54.908 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

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ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.2	76.8

Manual Integrations
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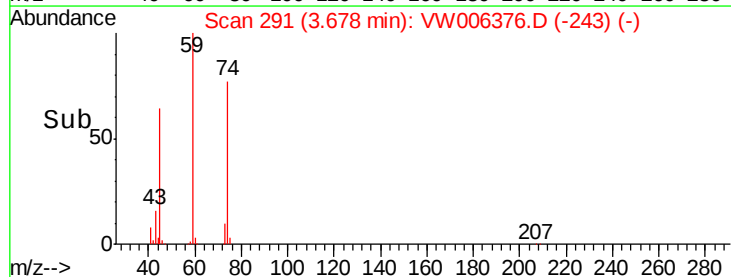
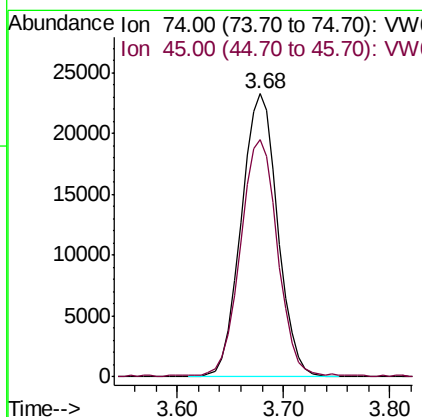
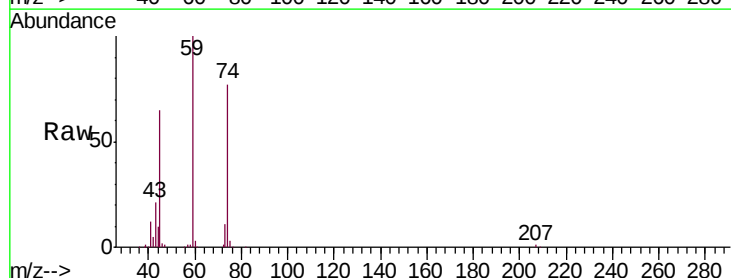
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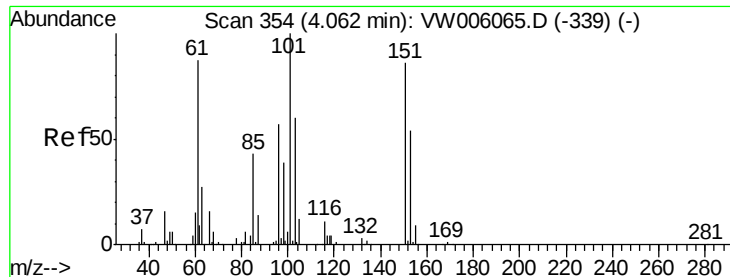


#8

Diethyl Ether
Concen: 54.749 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.7	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.802 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

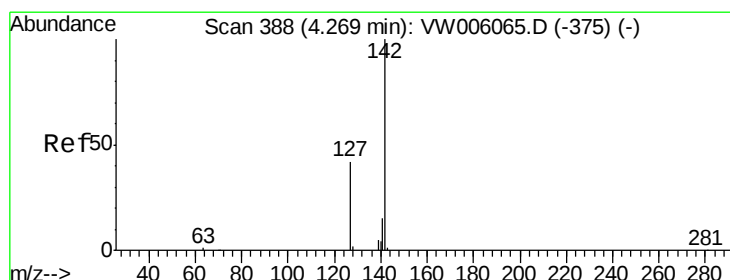
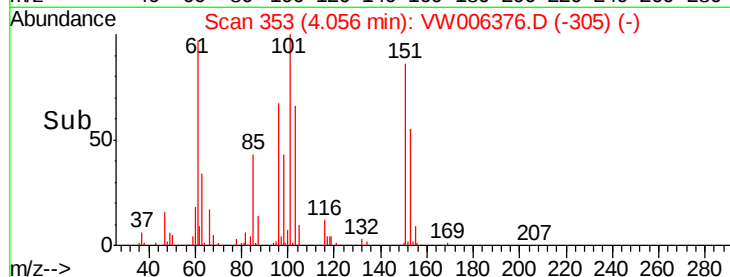
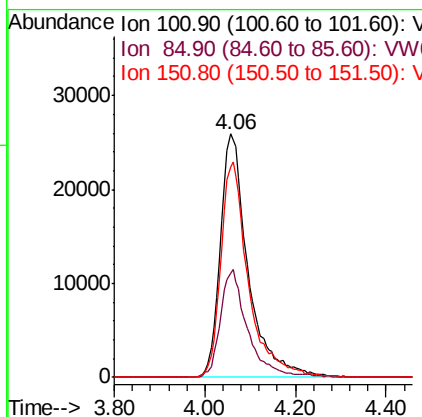
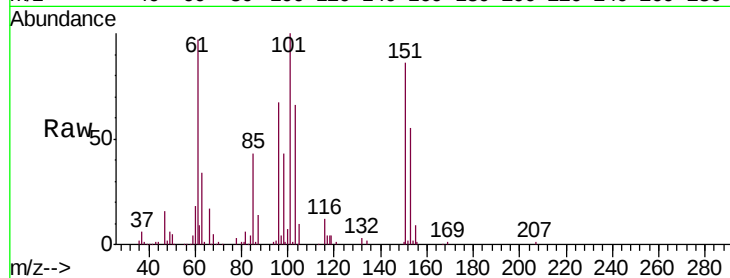
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	110554
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.9	52.3
151	87.0	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 56.863 ug/l

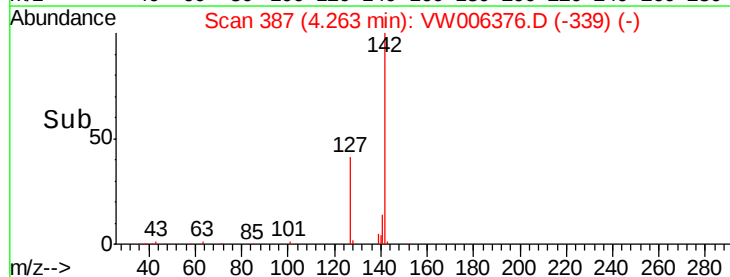
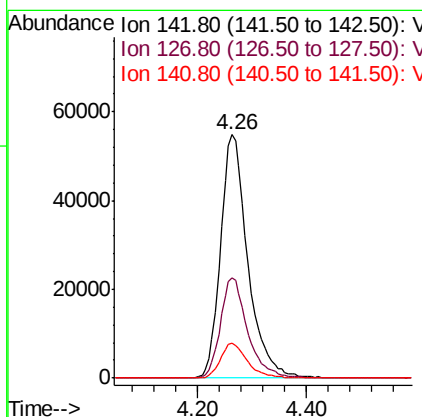
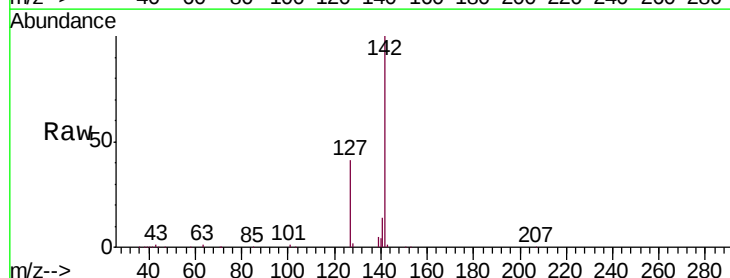
RT: 4.26 min Scan# 387

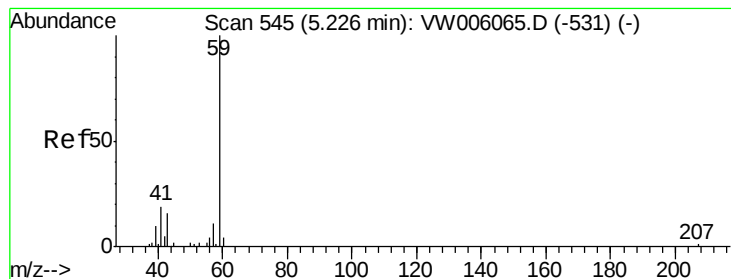
Delta R.T. -0.01 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Tgt Ion:	142	Resp:	190928
Ion Ratio	Lower	Upper	
142	100		
127	41.2	33.6	50.4
141	14.3	11.6	17.4





#11

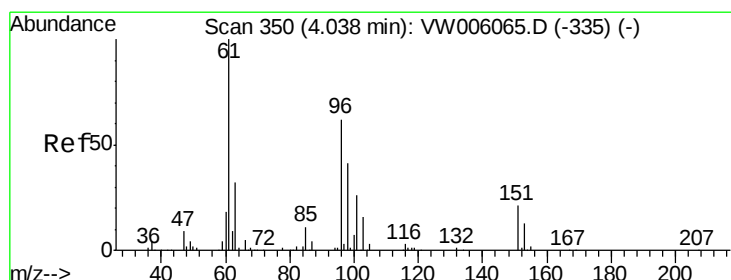
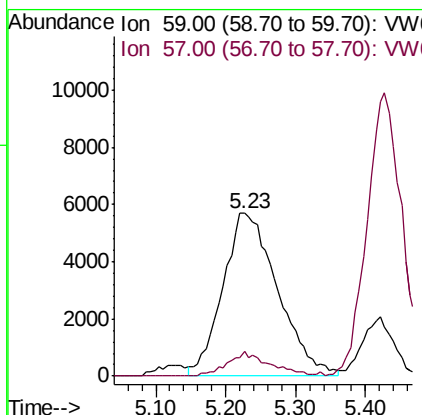
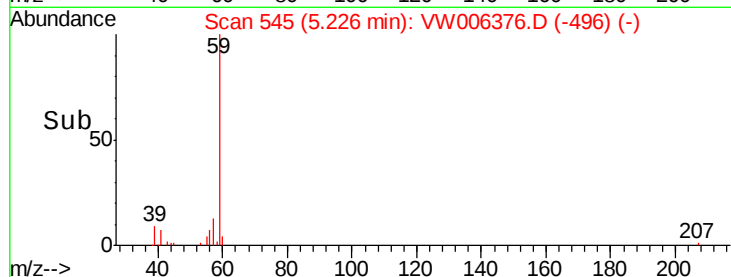
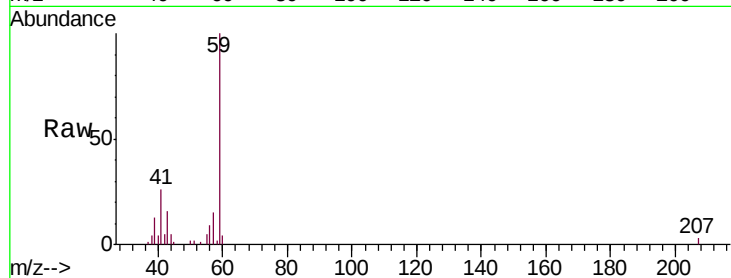
Tert butyl alcohol
Concen: 245.165 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 31051
Ion Ratio Lower Upper
59 100
57 11.6 8.7 13.1

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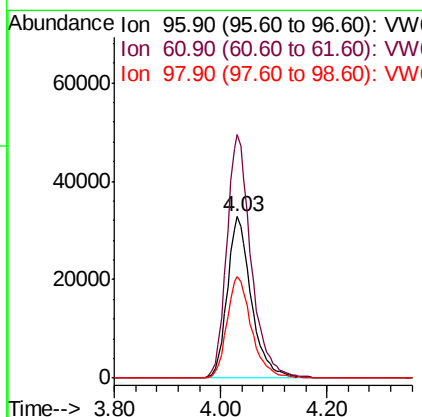
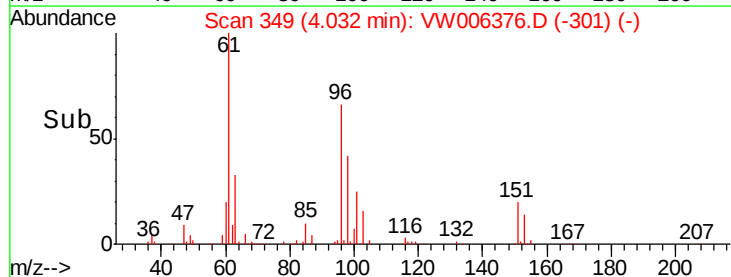
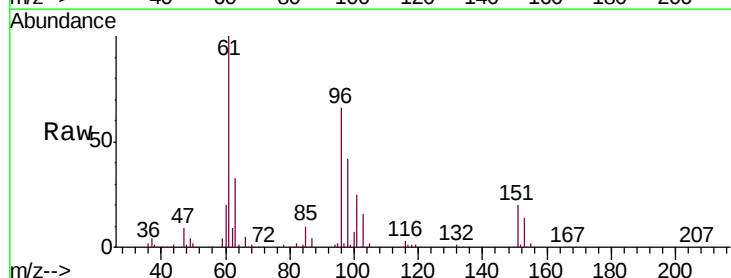
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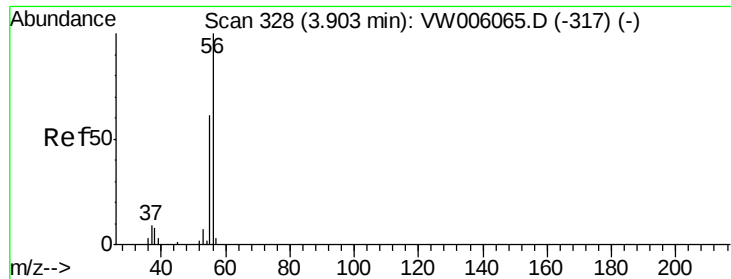


#12

1,1-Dichloroethene
Concen: 54.747 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion: 96 Resp: 103905
Ion Ratio Lower Upper
96 100
61 151.1 129.3 193.9
98 63.4 53.1 79.7





#13

Acrolein

Concen: 226.994 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 27819

Ion Ratio Lower Upper

56 100

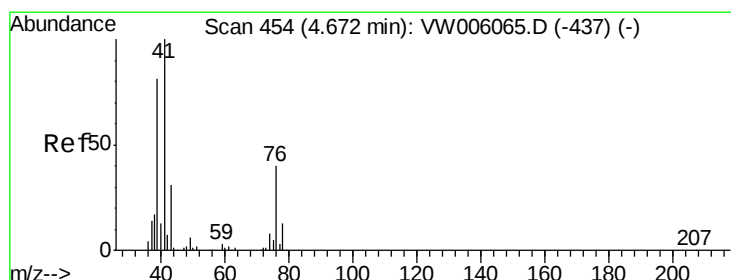
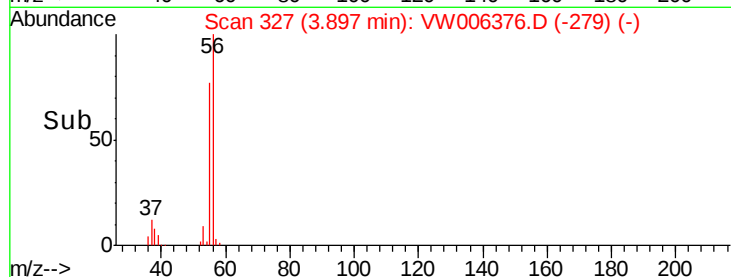
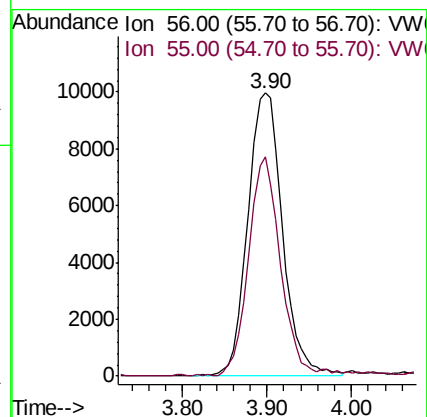
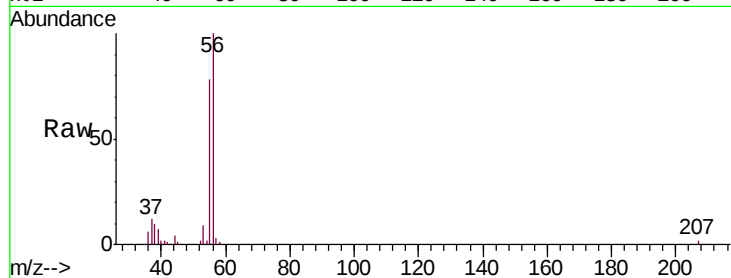
55 70.3 54.5 81.7

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#14

Allyl chloride

Concen: 53.139 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

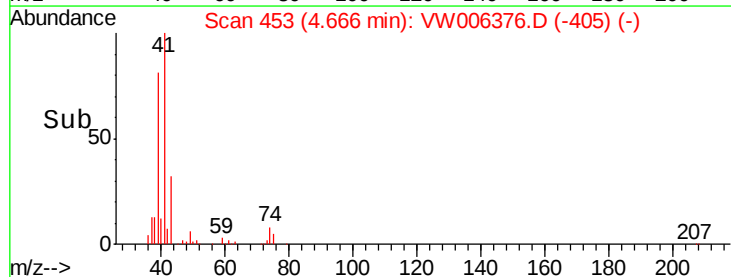
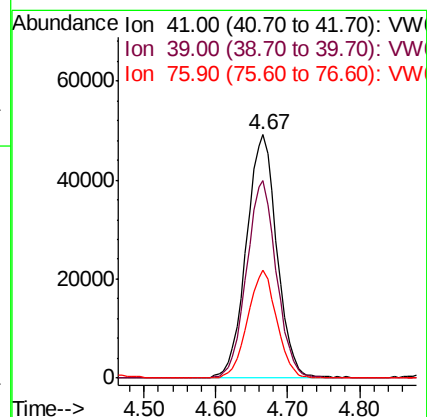
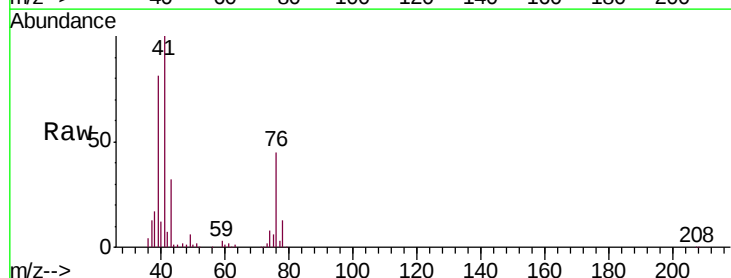
Tgt Ion: 41 Resp: 144203

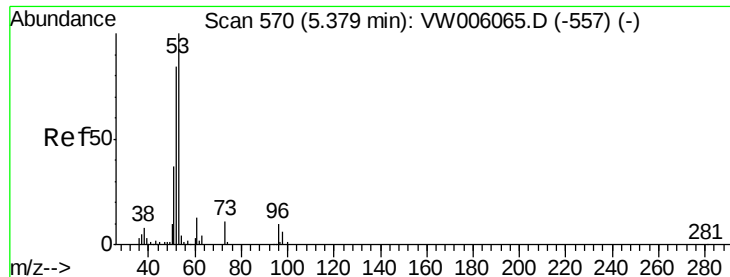
Ion Ratio Lower Upper

41 100

39 80.0 64.1 96.1

76 42.2 32.2 48.4





#15

Acrylonitrile

Concen: 293.951 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

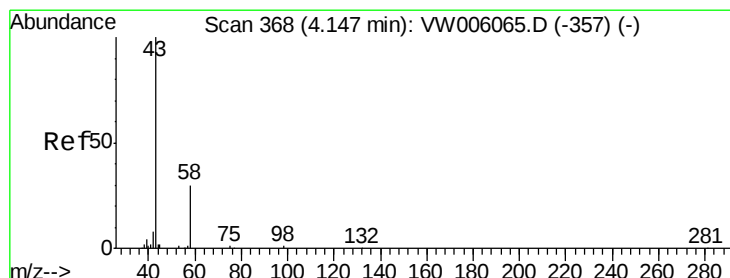
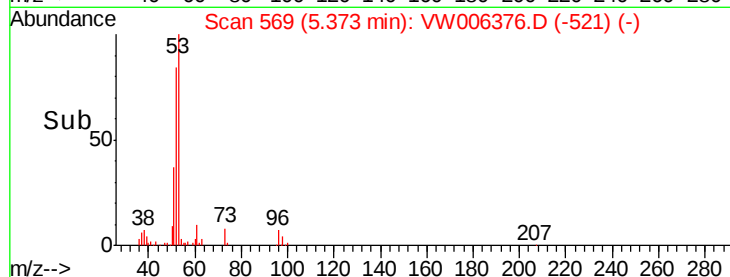
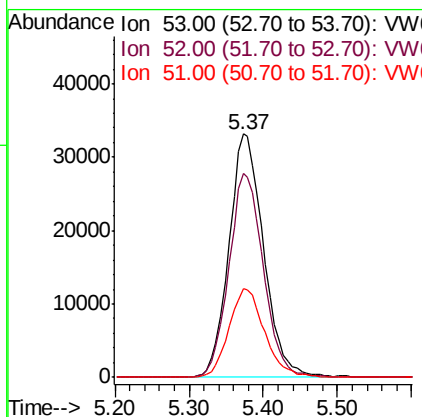
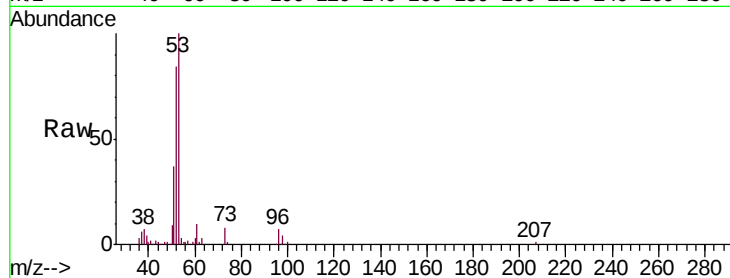
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	107862
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.9	100.3
51	37.6	30.1	45.1

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#16

Acetone

Concen: 288.459 ug/l

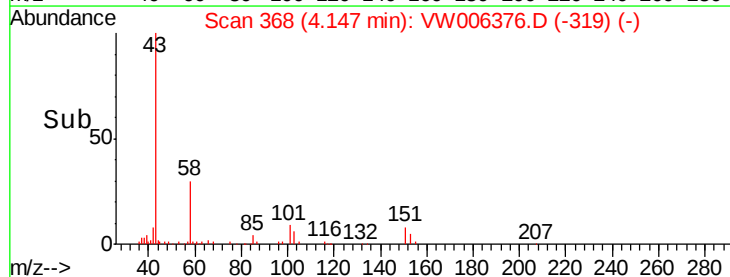
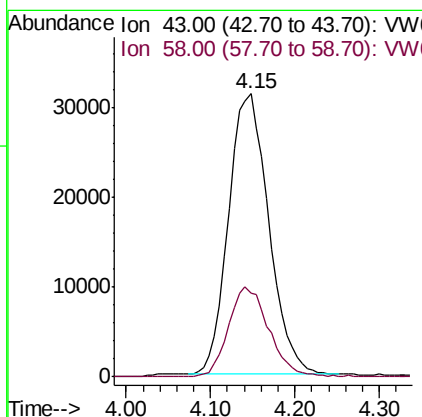
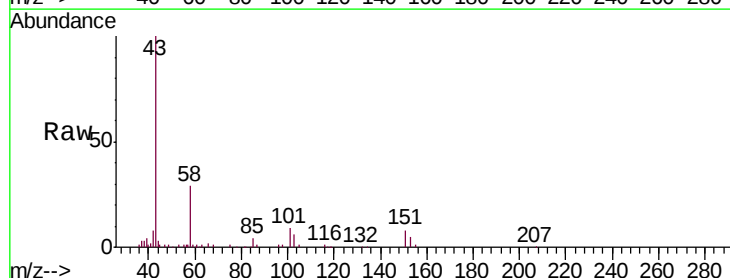
RT: 4.15 min Scan# 368

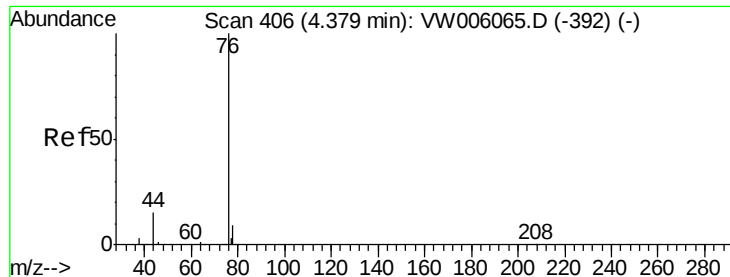
Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Tgt Ion:	43	Resp:	101108
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.0	36.0





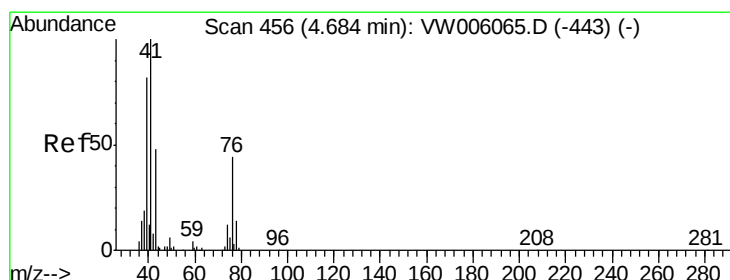
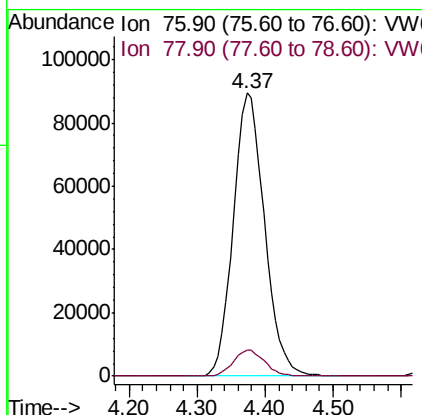
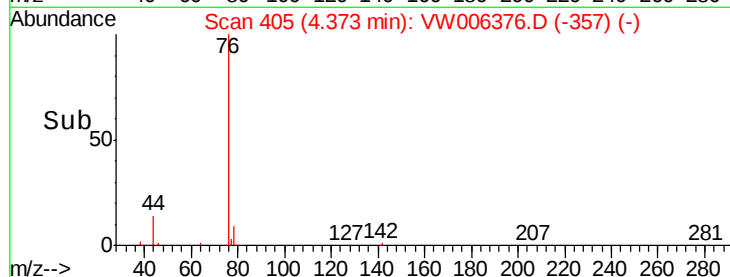
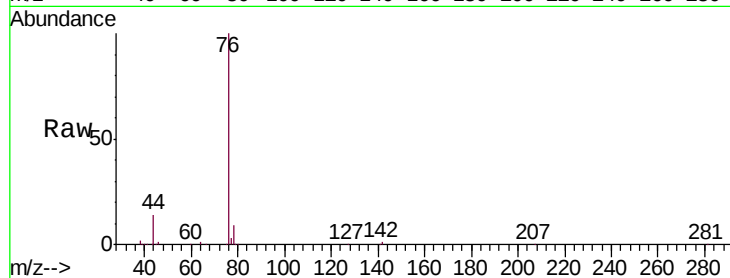
#17
Carbon Disulfide
Concen: 49.770 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

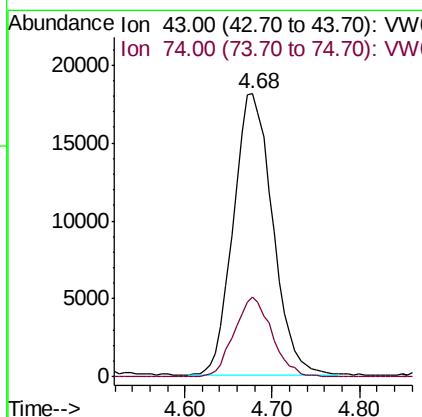
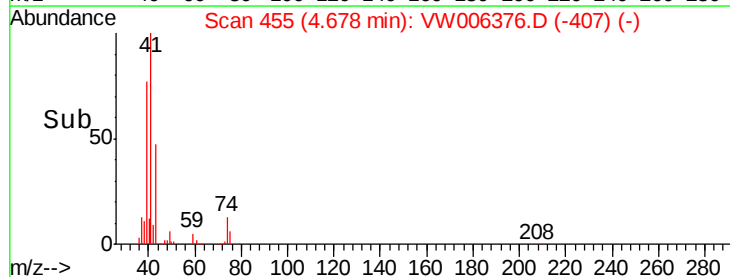
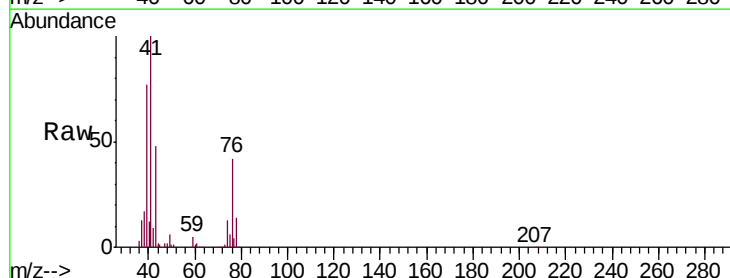
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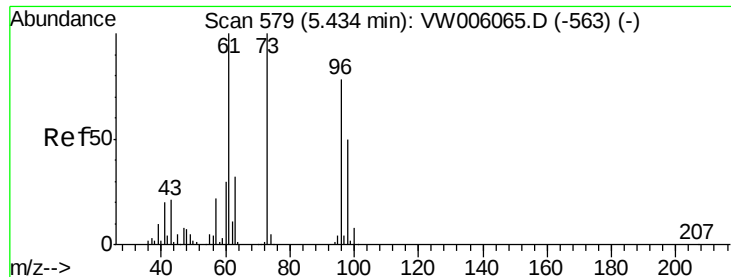
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#18
Methyl Acetate
Concen: 59.938 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.2	20.5	30.7





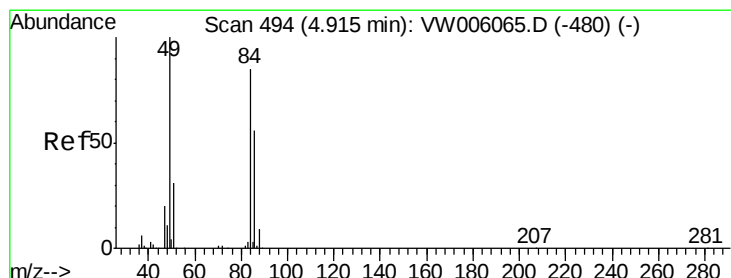
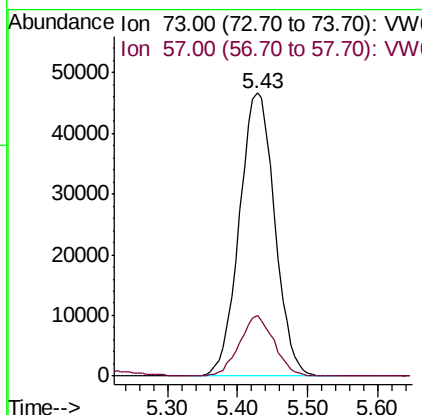
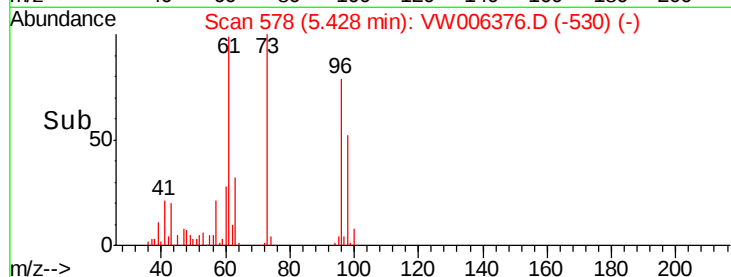
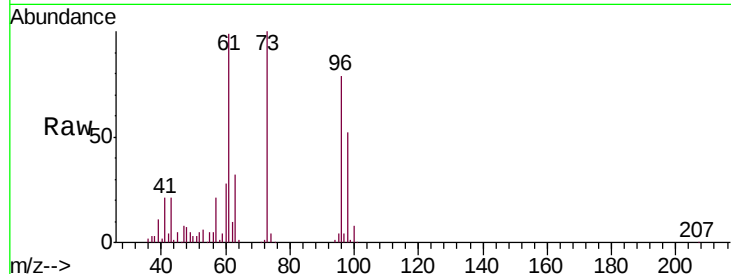
#19
Methyl tert-butyl Ether
Concen: 56.688 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 163868
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.2

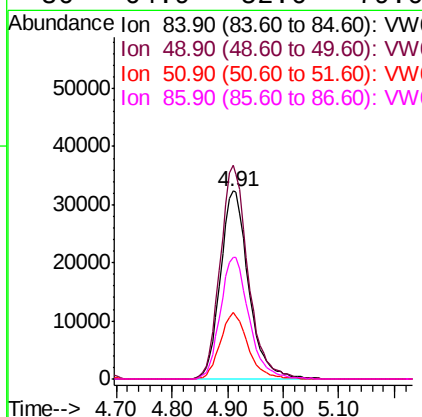
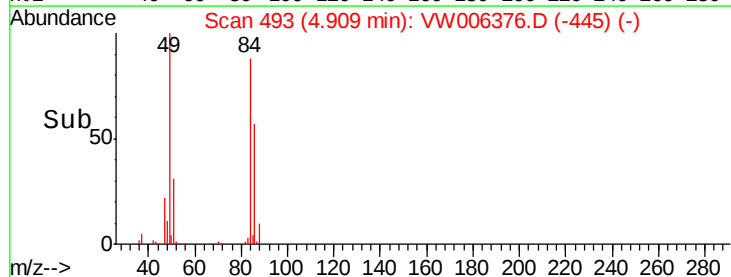
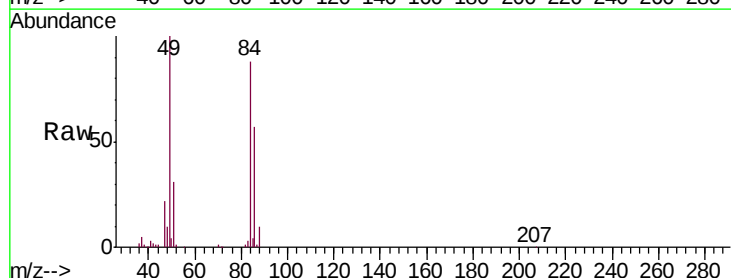
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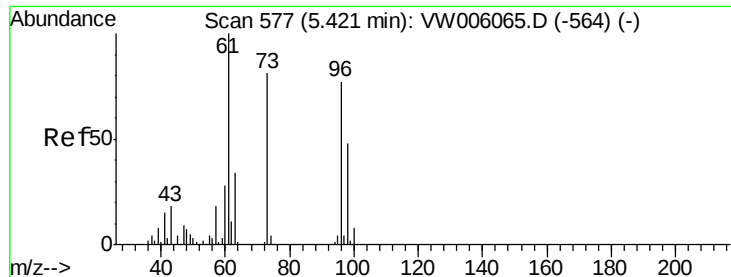
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#20
Methylene Chloride
Concen: 57.347 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion: 84 Resp: 113795
Ion Ratio Lower Upper
84 100
49 113.7 93.6 140.4
51 35.2 29.0 43.4
86 64.9 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 56.619 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

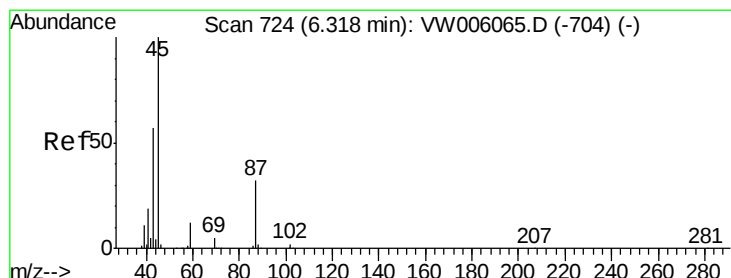
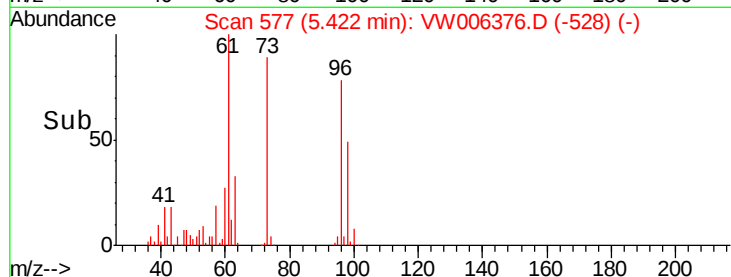
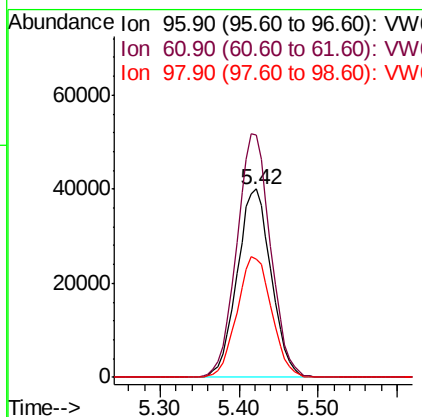
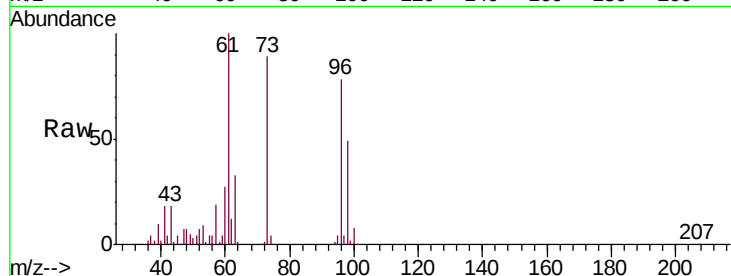
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	119944
Ion	Ratio	Lower	Upper
96	100		
61	128.8	104.5	156.7
98	62.9	50.6	75.8

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#22

Diisopropyl ether

Concen: 56.697 ug/l

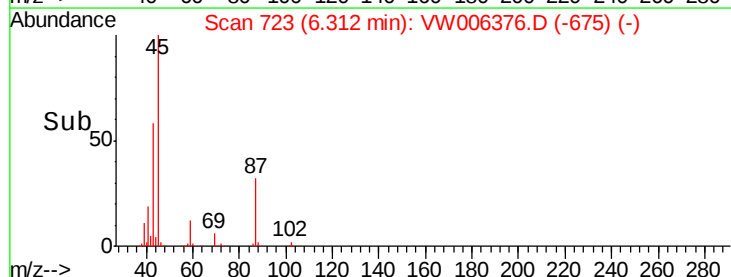
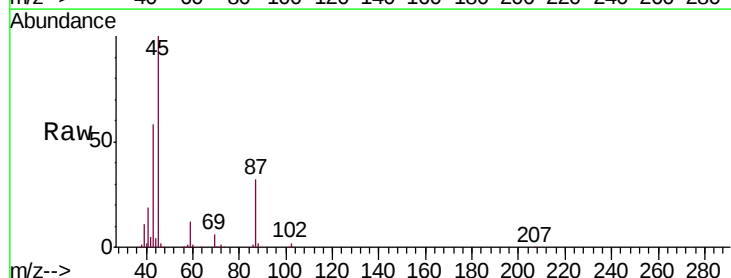
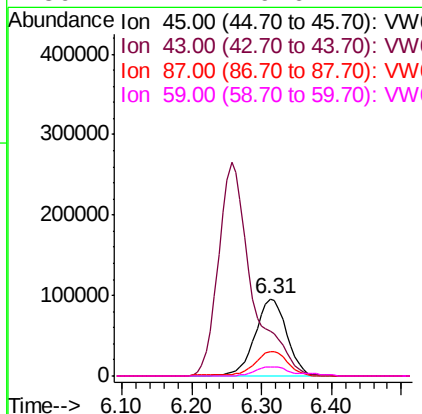
RT: 6.31 min Scan# 723

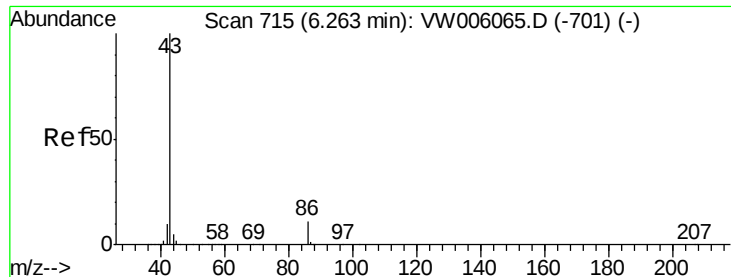
Delta R.T. -0.01 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Tgt Ion:	45	Resp:	304050
Ion	Ratio	Lower	Upper
45	100		
43	57.4	45.7	68.5
87	31.6	25.9	38.9
59	12.1	9.6	14.4





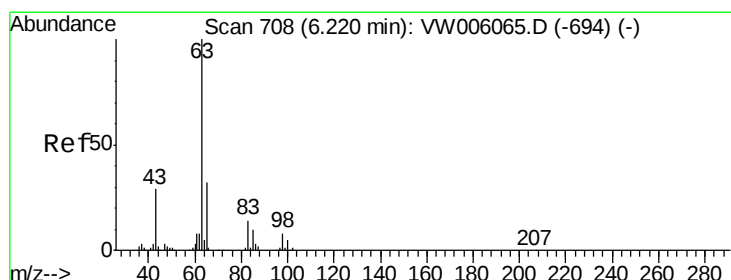
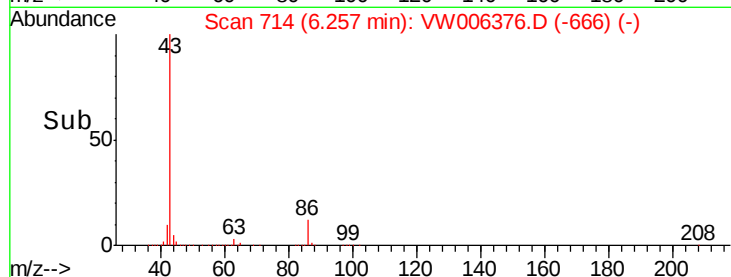
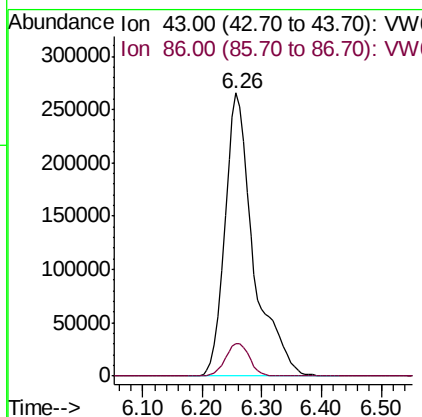
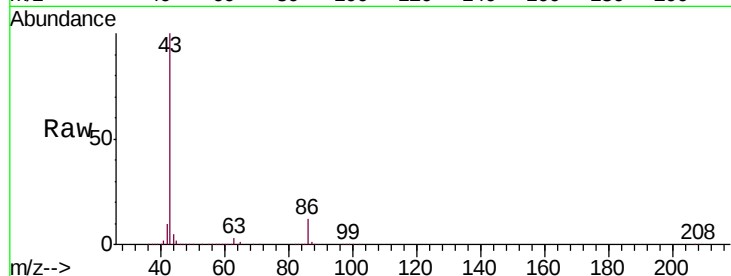
#23
 Vinyl Acetate
 Concen: 278.636 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	881832		
86	11.7	9.0	13.6	

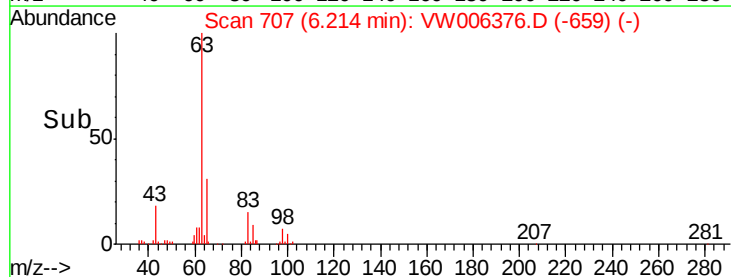
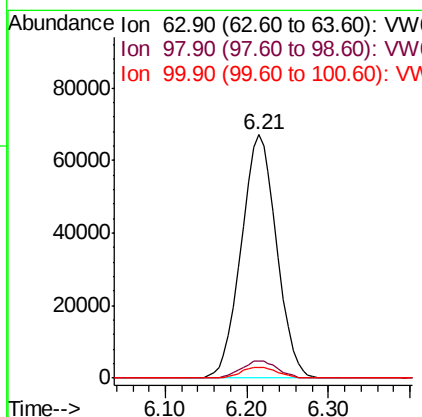
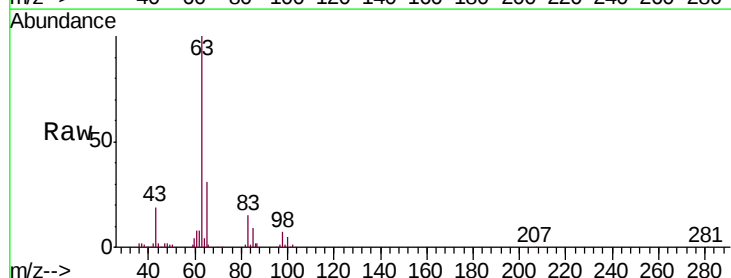
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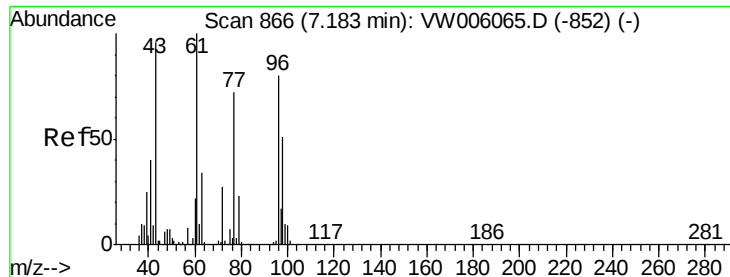
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#24
 1,1-Dichloroethane
 Concen: 58.187 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	201347		
98	6.7	3.8	11.2	
100	4.6	2.5	7.5	





#25

2-Butanone

Concen: 285.647 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 145321

Ion Ratio Lower Upper

43 100

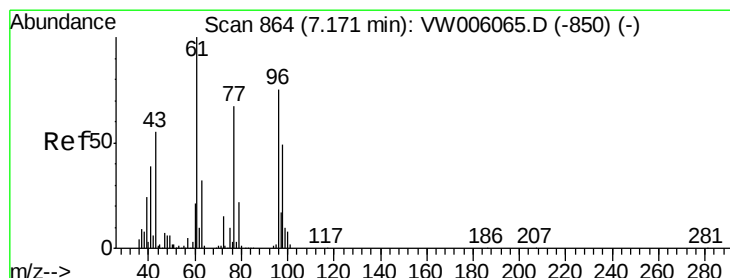
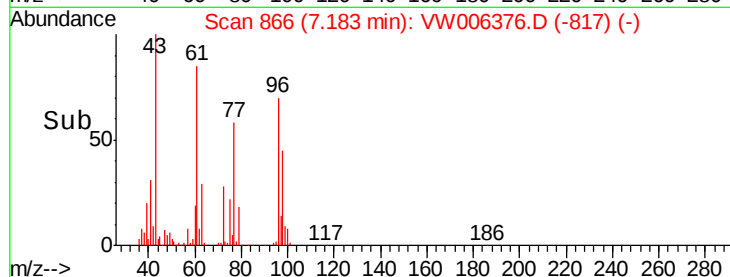
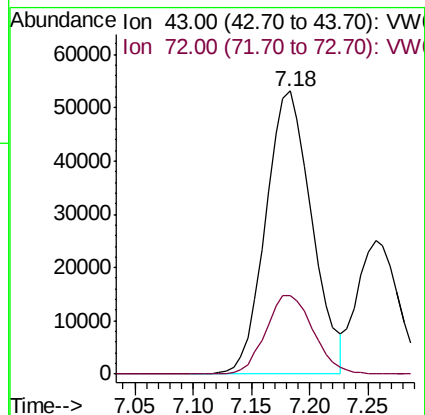
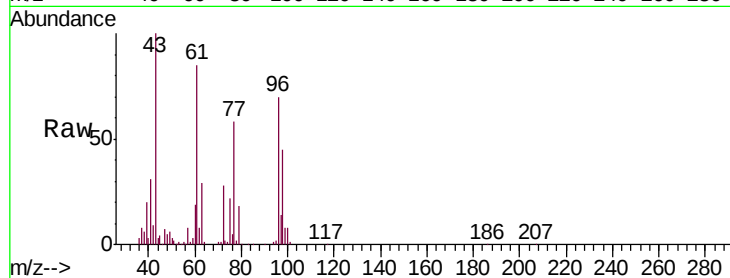
72 27.7 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 50.614 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006376.D

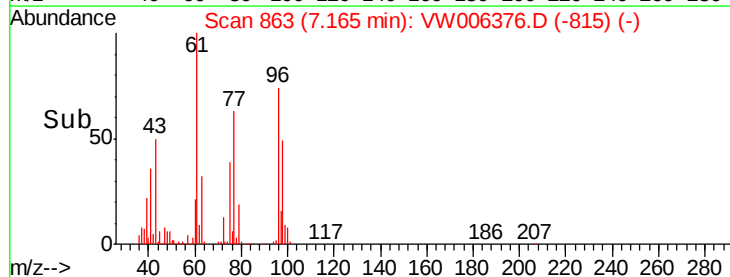
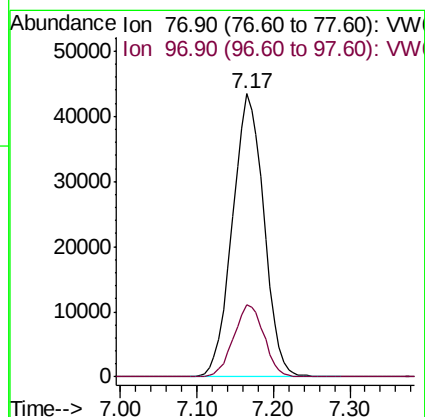
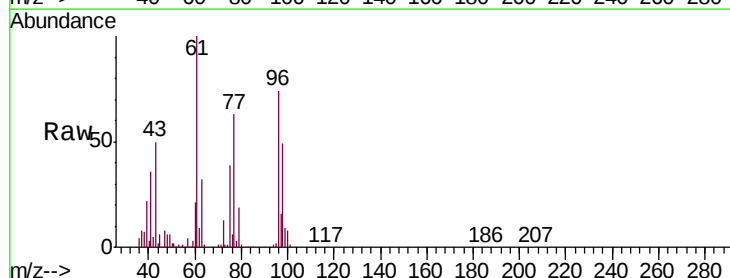
Acq: 25 Oct 2018 23:07

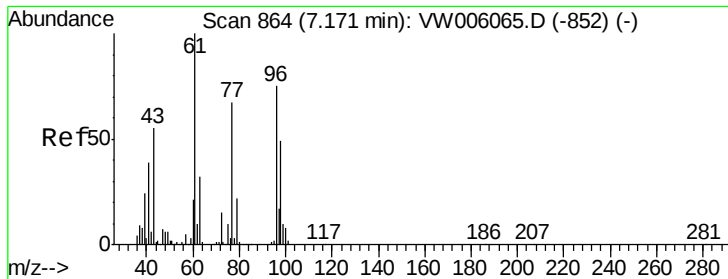
Tgt Ion: 77 Resp: 123527

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.4





#27

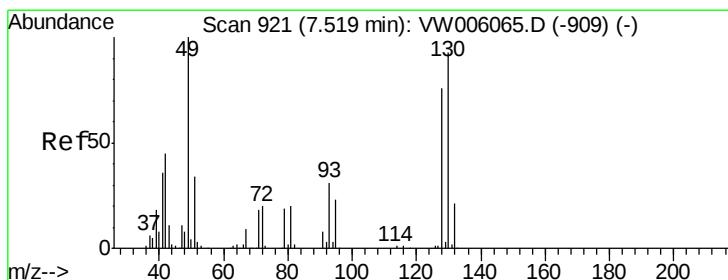
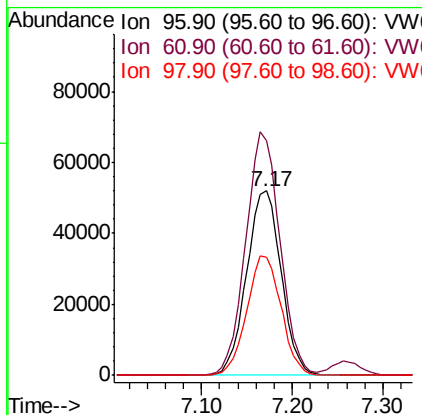
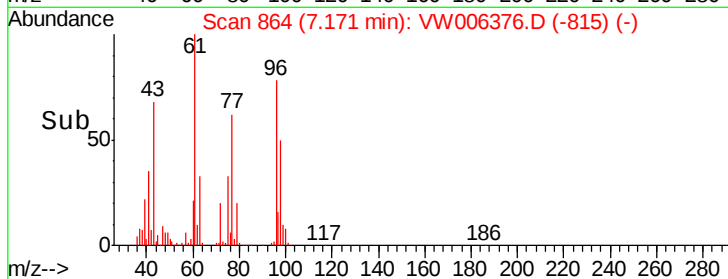
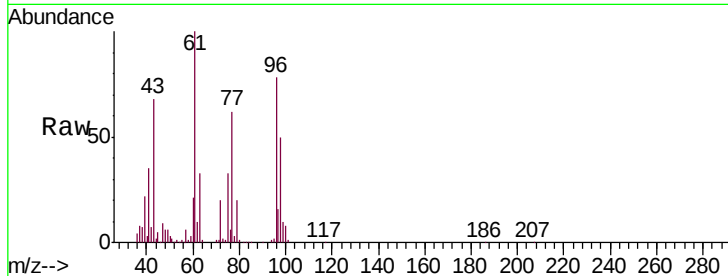
cis-1,2-Dichloroethene
Concen: 58.744 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.0	0.0	267.2
98	64.4	0.0	128.6

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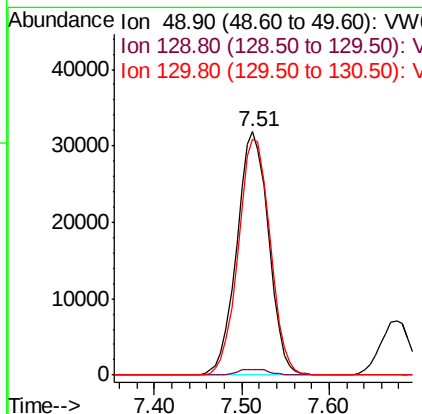
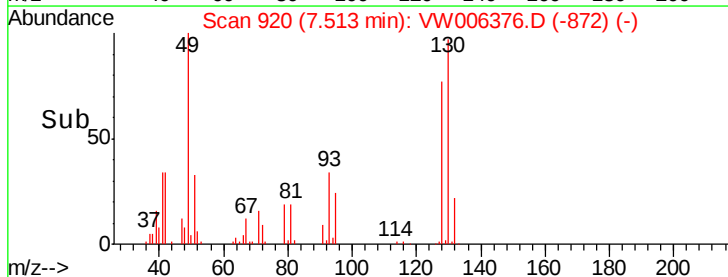
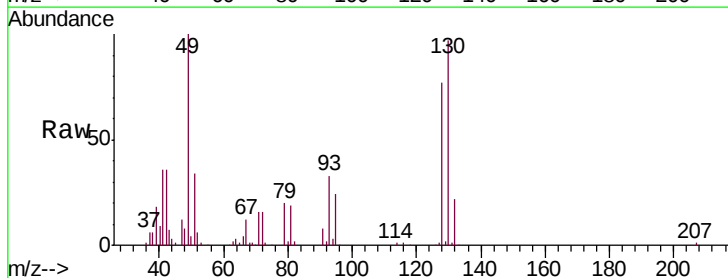
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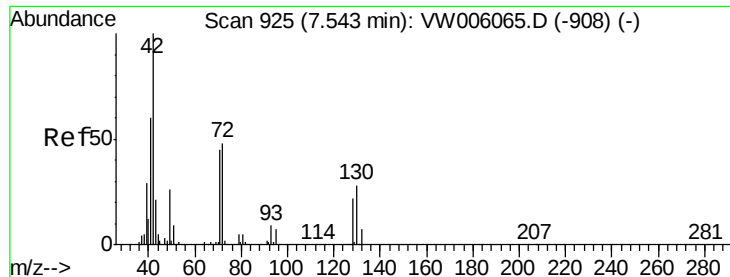


#28

Bromochloromethane
Concen: 60.133 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	97.3	73.8	110.8





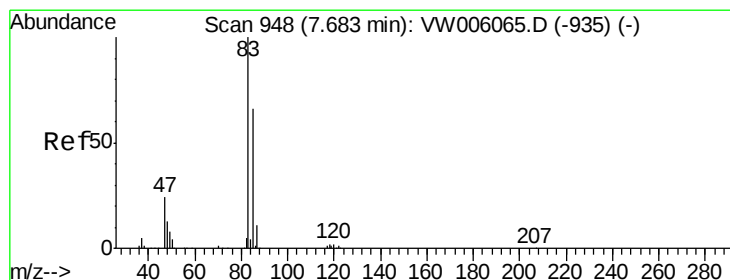
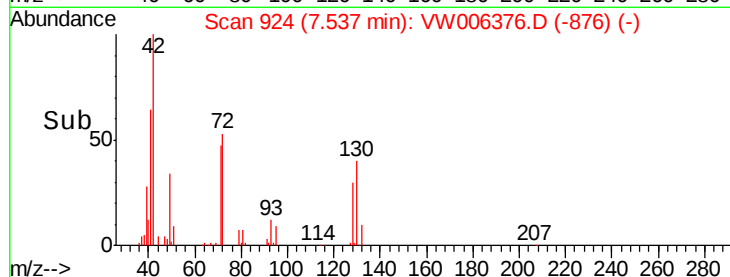
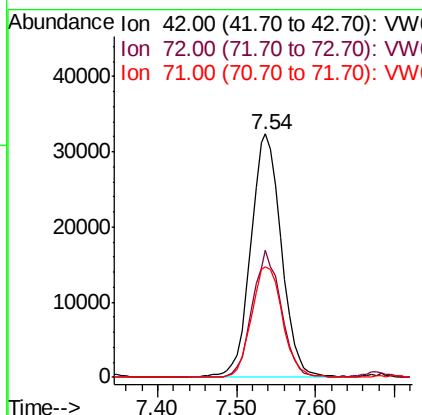
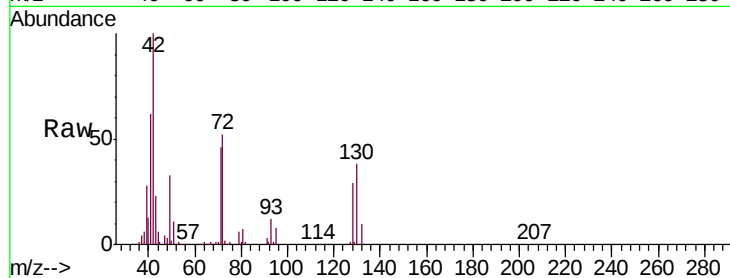
#29
Tetrahydrofuran
Concen: 279.054 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.2	38.0	57.0
71	46.3	35.3	52.9

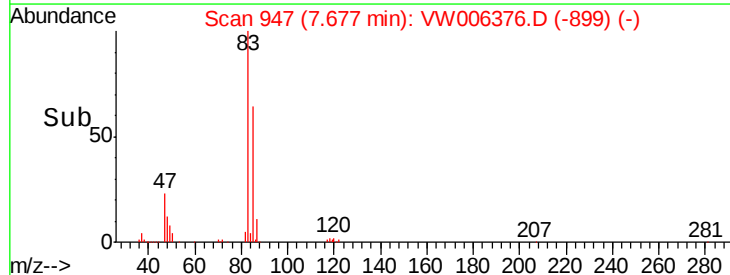
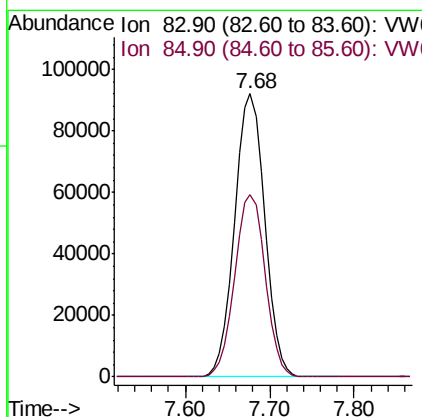
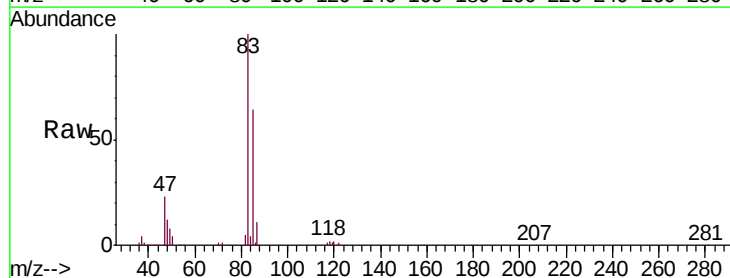
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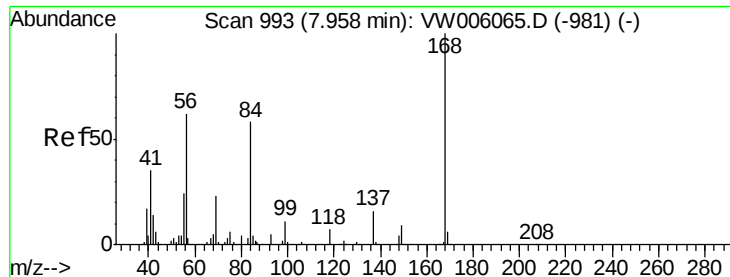
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#30
Chloroform
Concen: 58.920 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.6	79.0





#31

Cyclohexane

Concen: 49.501 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

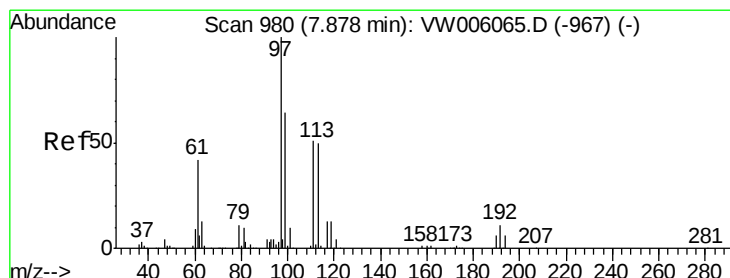
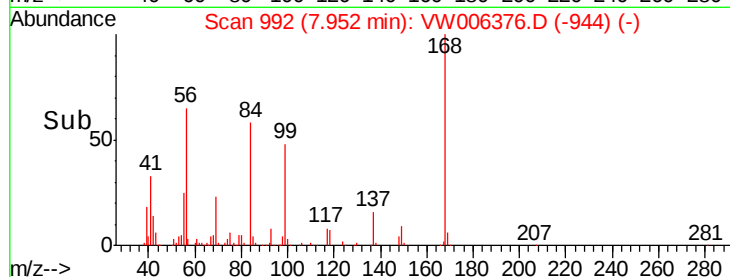
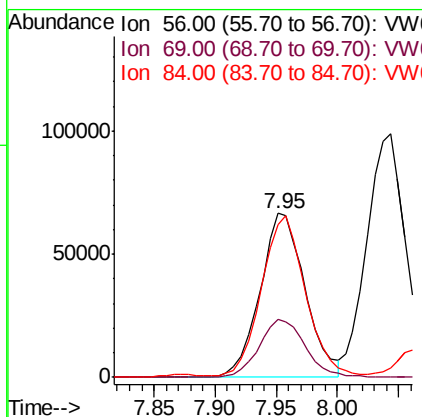
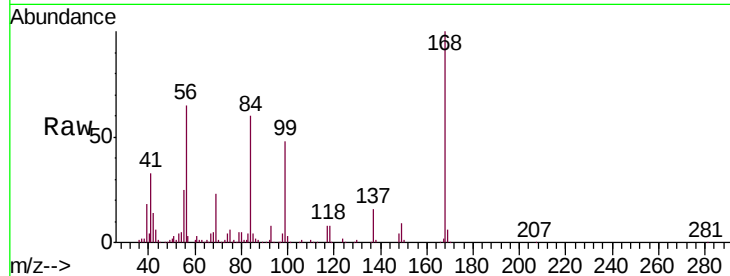
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	170582
Ion Ratio	Lower	Upper	
56	100		
69	35.4	29.4	44.0
84	91.2	74.0	111.0

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#32

1,1,1-Trichloroethane

Concen: 55.225 ug/l

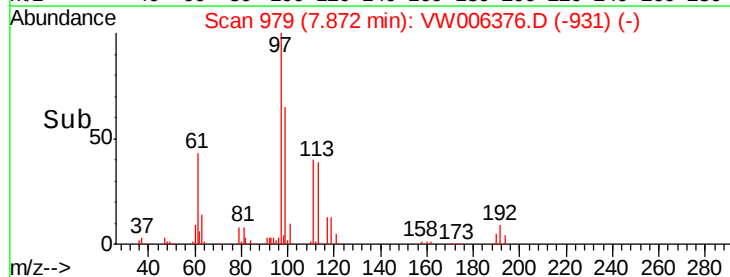
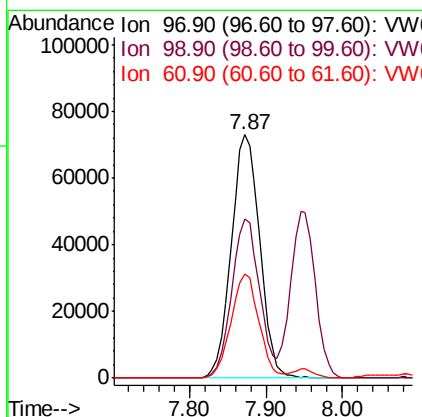
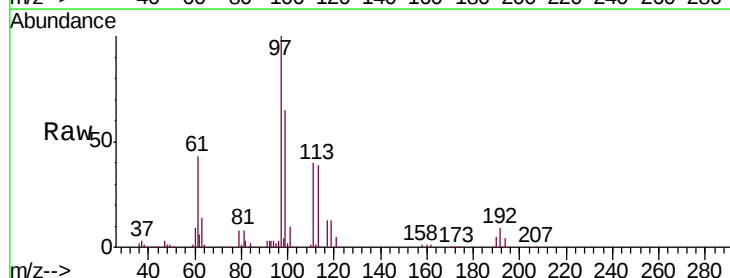
RT: 7.87 min Scan# 979

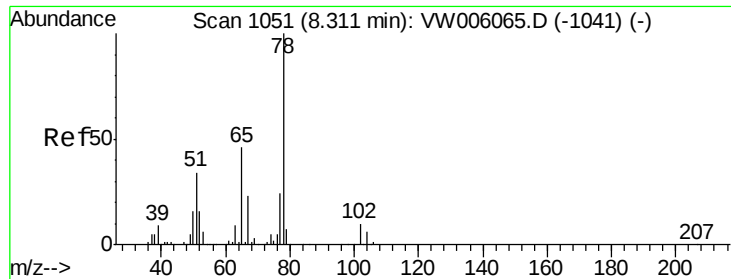
Delta R.T. -0.01 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Tgt Ion:	97	Resp:	187810
Ion Ratio	Lower	Upper	
97	100		
99	64.5	50.9	76.3
61	41.8	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 50.497 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 95095

Ion Ratio Lower Upper

65 100

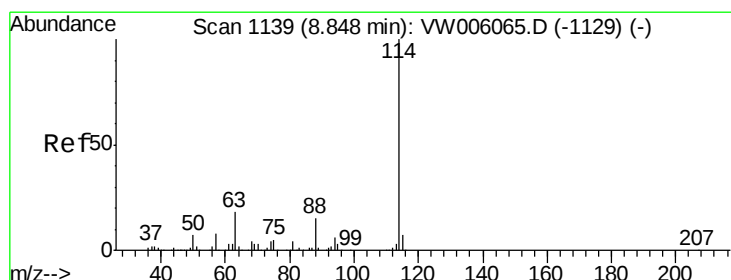
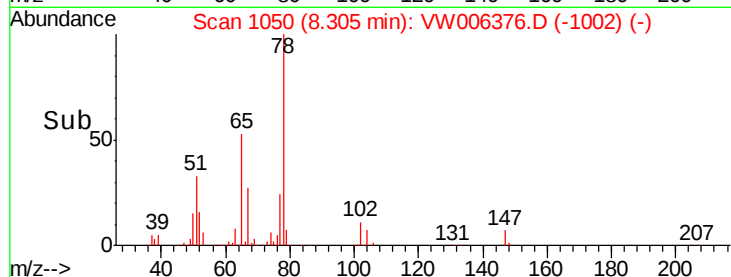
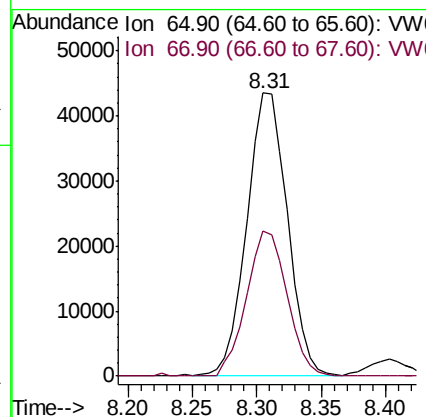
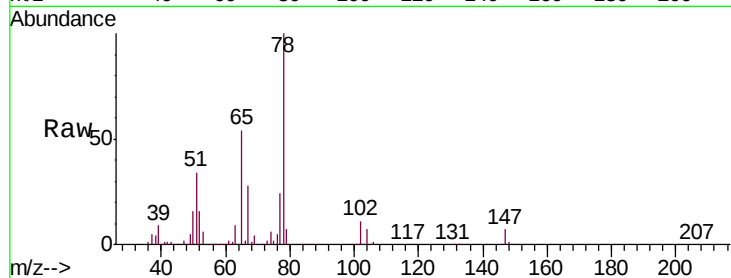
67 51.2 0.0 101.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

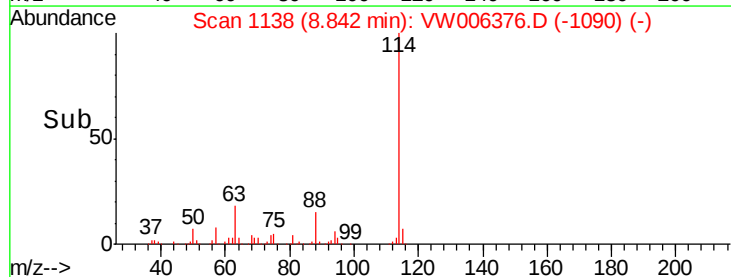
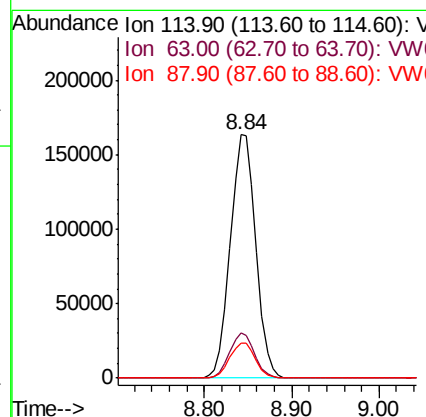
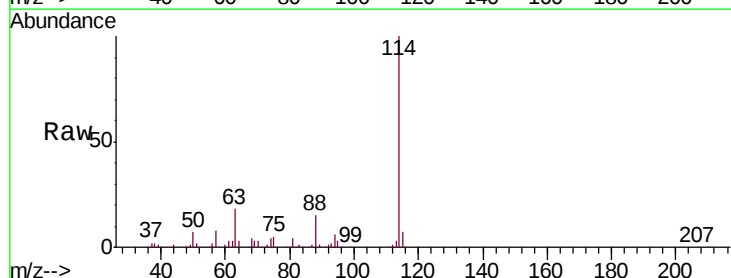
Tgt Ion: 114 Resp: 329584

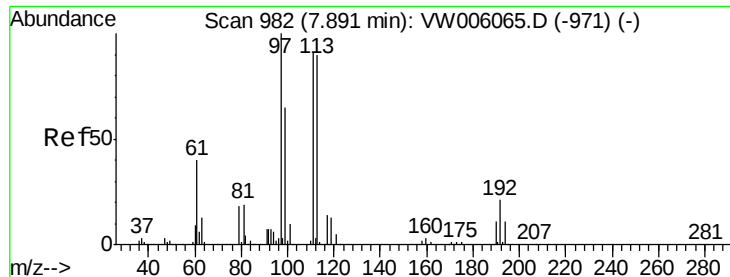
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 14.5 0.0 29.0





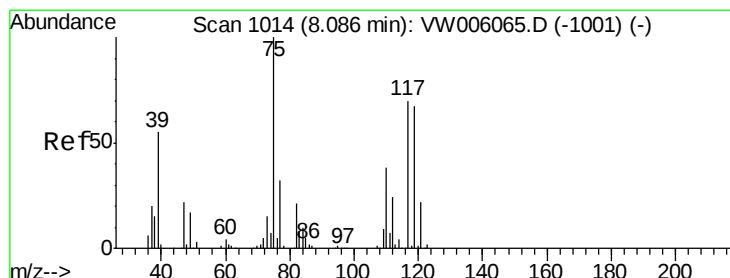
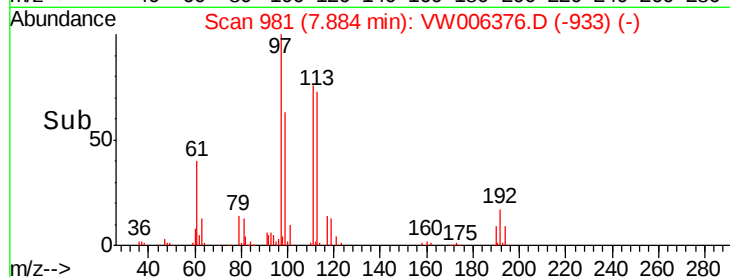
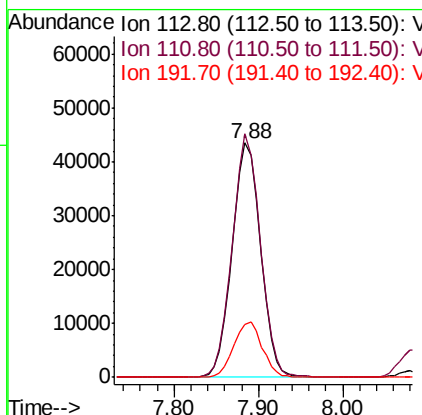
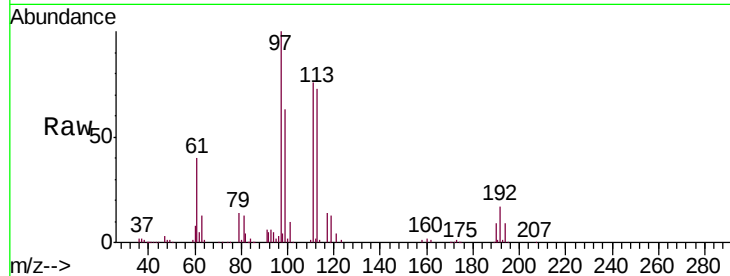
#35
 Dibromofluoromethane
 Concen: 50.958 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	99240		
111	102.4	81.4	122.0	
192	23.6	18.7	28.1	

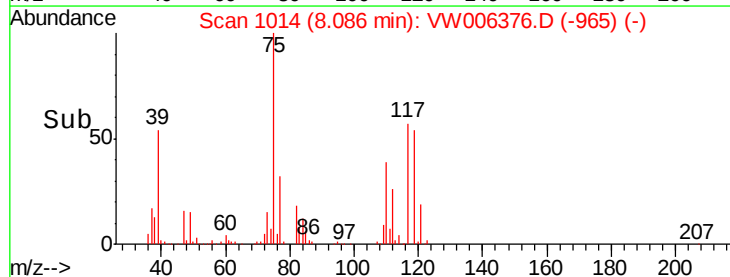
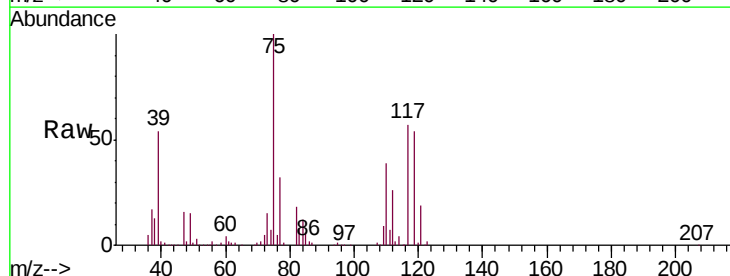
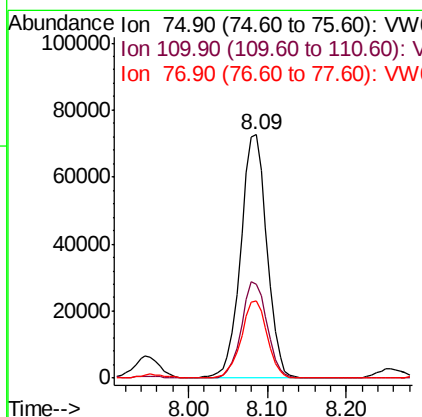
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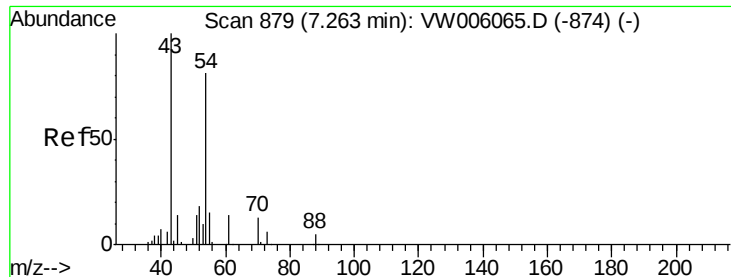
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#36
 1,1-Dichloropropene
 Concen: 55.255 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	167856		
110	38.8	19.1	57.1	
77	31.4	25.0	37.4	





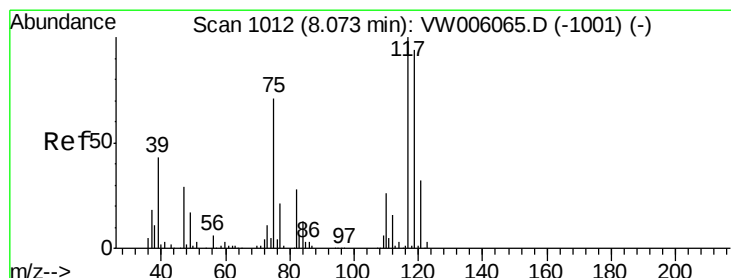
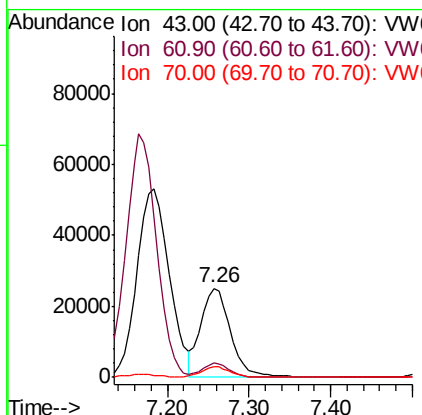
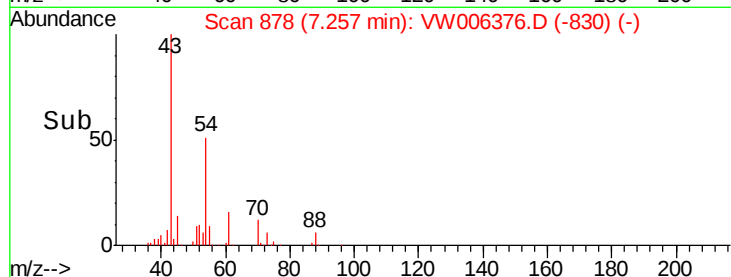
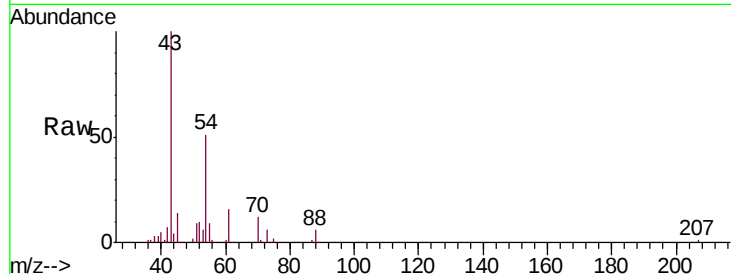
#37
Ethyl Acetate
Concen: 56.589 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 63871
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 11.2 9.2 13.8

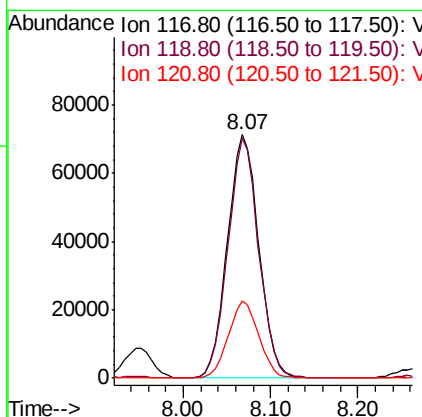
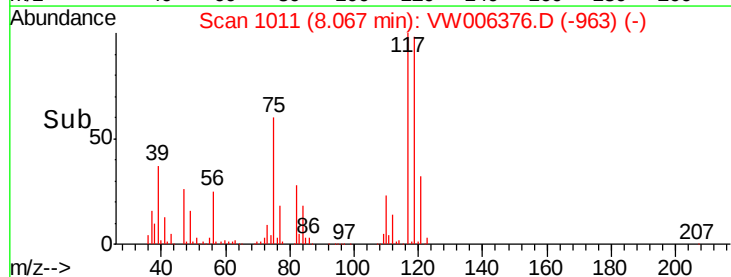
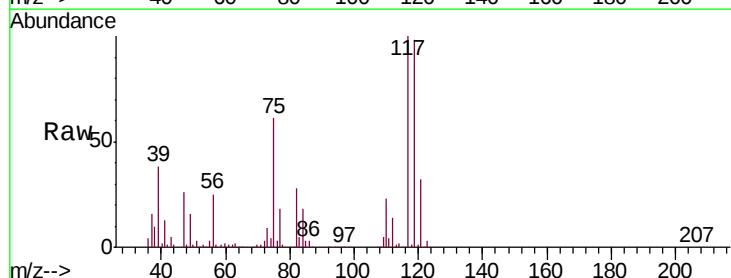
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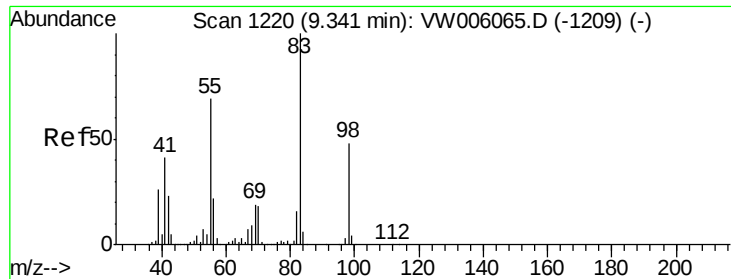
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#38
Carbon Tetrachloride
Concen: 53.301 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion: 117 Resp: 177504
Ion Ratio Lower Upper
117 100
119 98.5 75.2 112.8
121 31.5 25.3 37.9





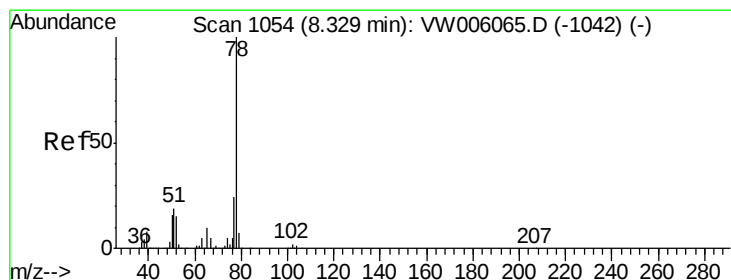
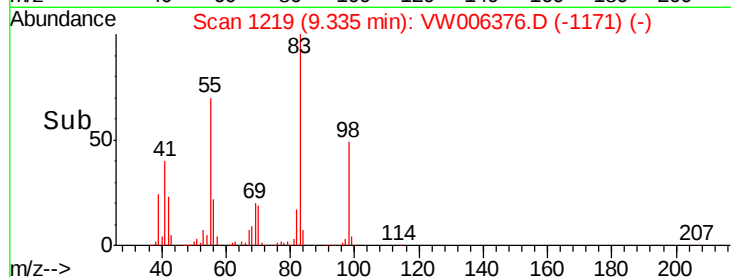
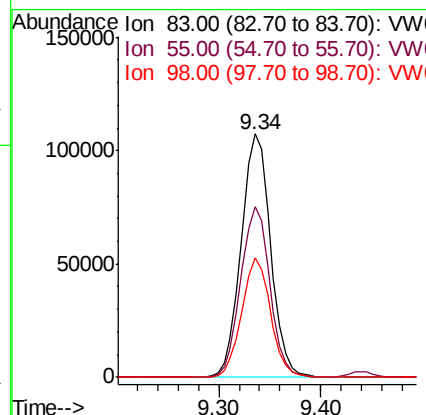
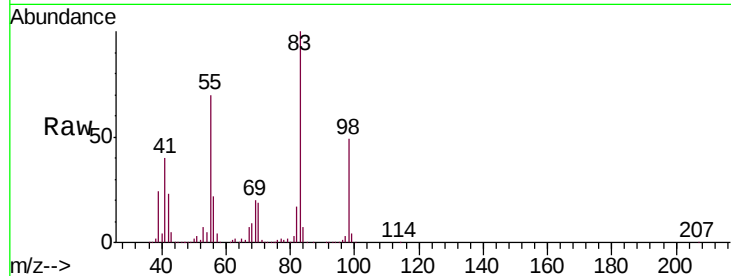
#39
Methylcyclohexane
Concen: 53.312 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	215280		
55	69.9		55.0	82.6
98	49.1		38.6	57.8

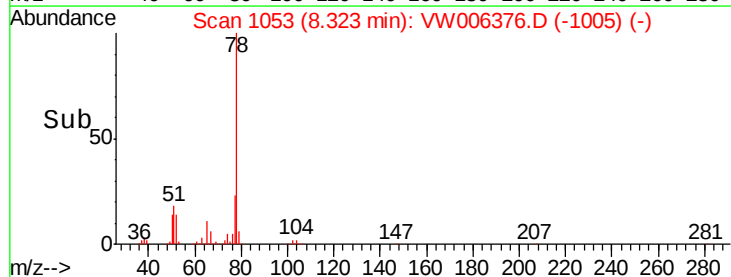
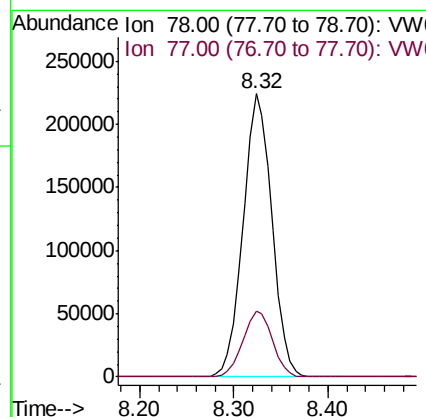
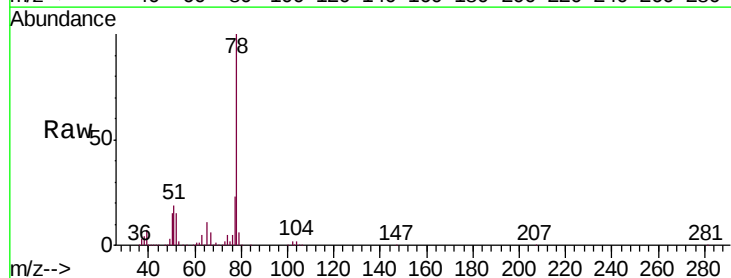
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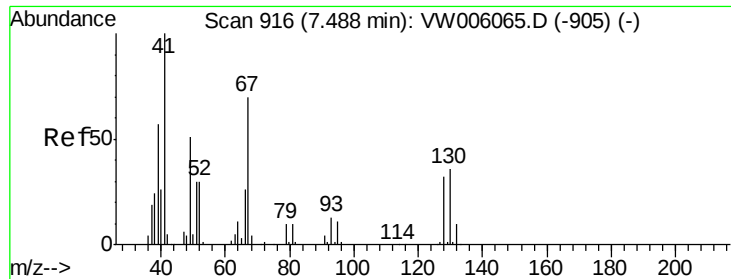
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#40
Benzene
Concen: 57.427 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	478540		
77	23.5		19.4	29.0





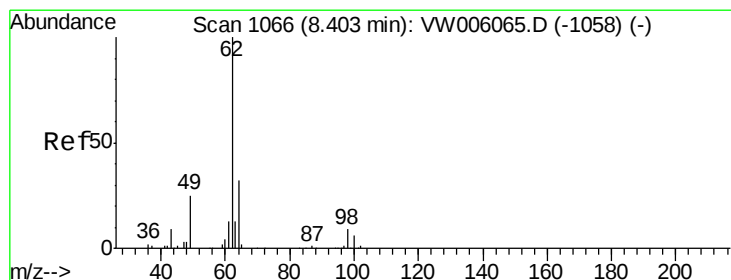
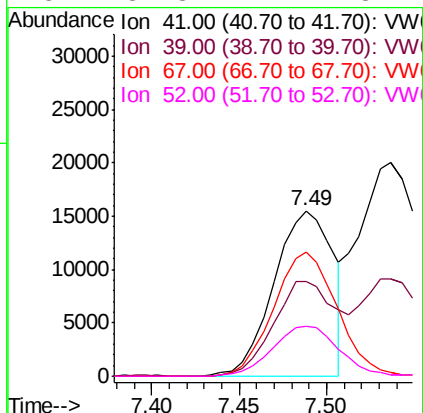
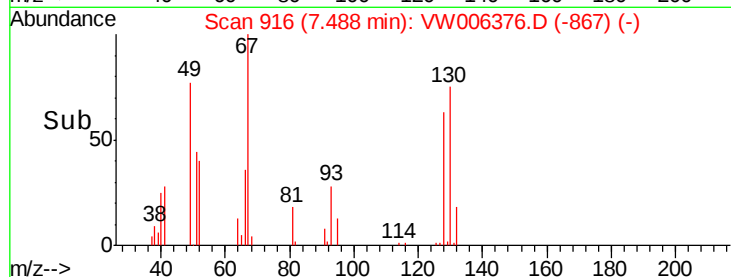
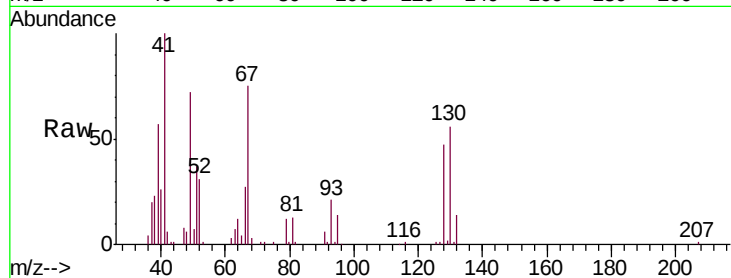
#41
Methacrylonitrile
Concen: 53.690 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.2	46.2	69.4
67	80.5	57.7	86.5
52	34.3	24.7	37.1

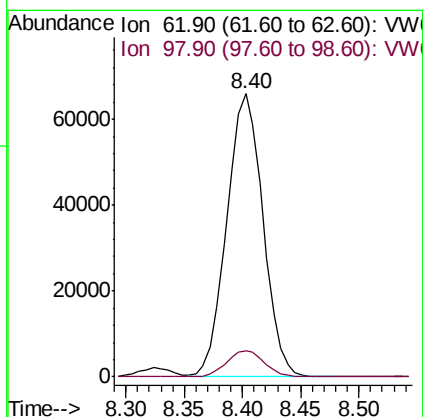
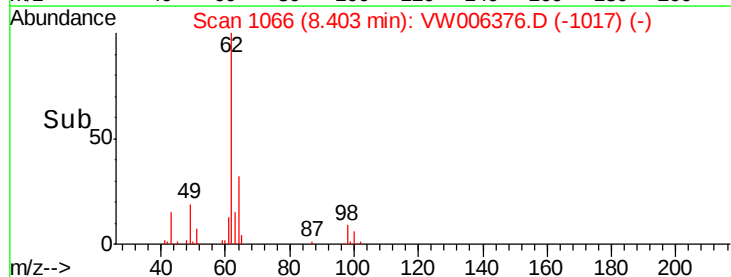
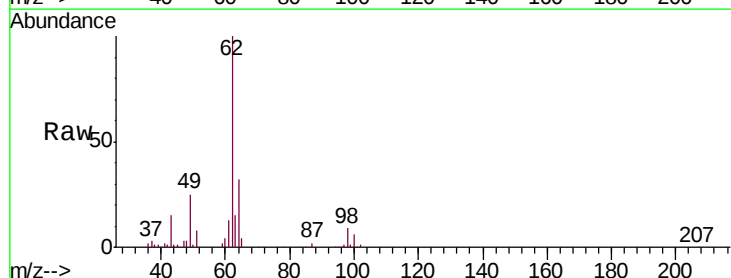
Manual Integrations
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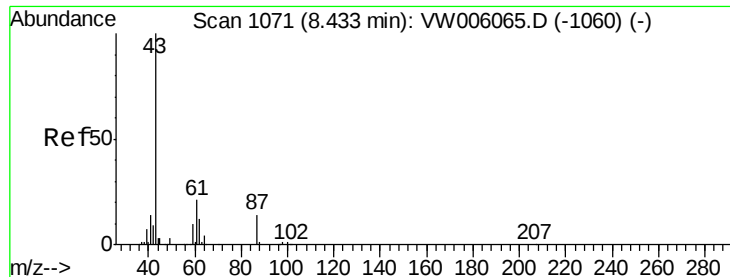
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#42
1,2-Dichloroethane
Concen: 58.267 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4





#43

Isopropyl Acetate

Concen: 54.973 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

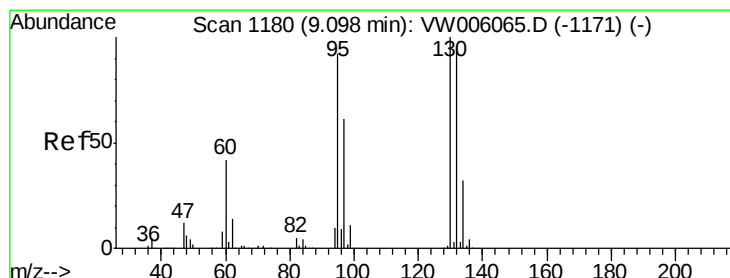
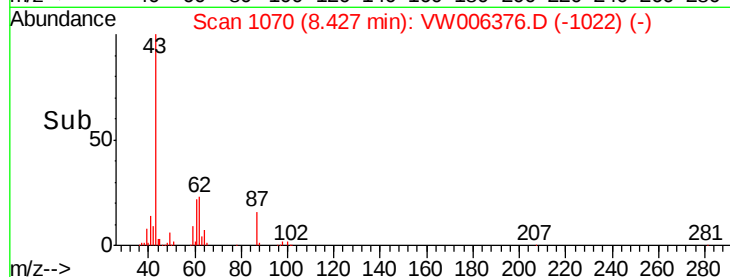
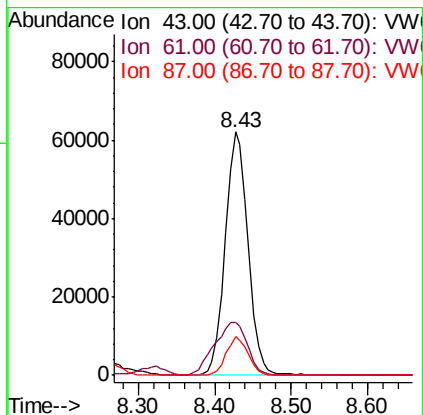
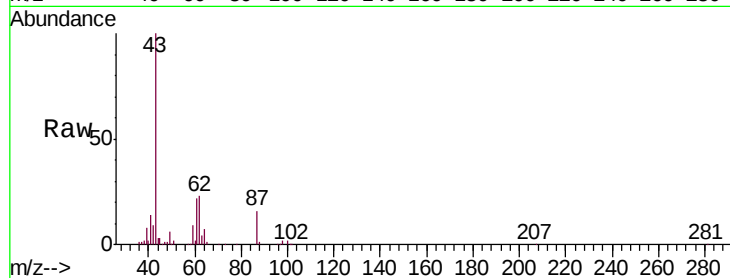
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	126864
Ion	Ratio	Lower	Upper
43	100		
61	31.7	25.5	38.3
87	15.2	11.7	17.5

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#44

Trichloroethene

Concen: 57.152 ug/l

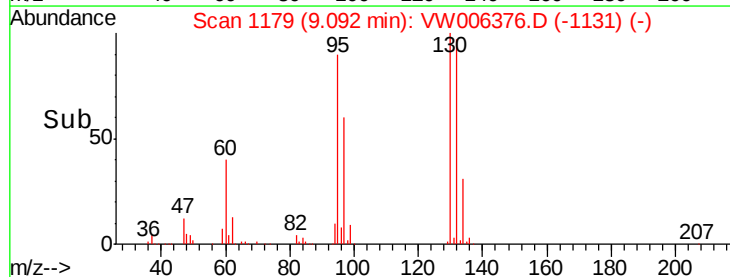
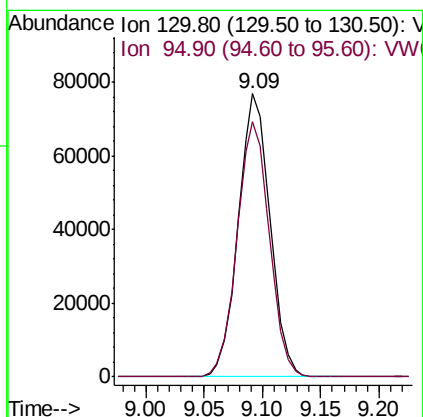
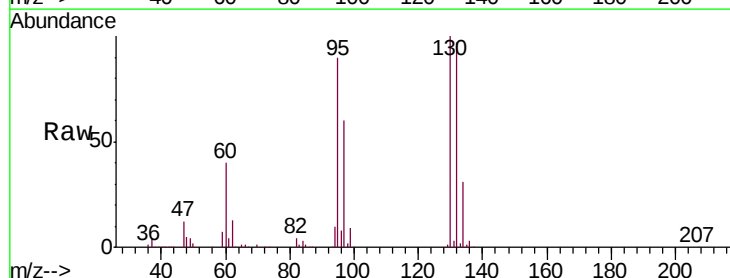
RT: 9.09 min Scan# 1179

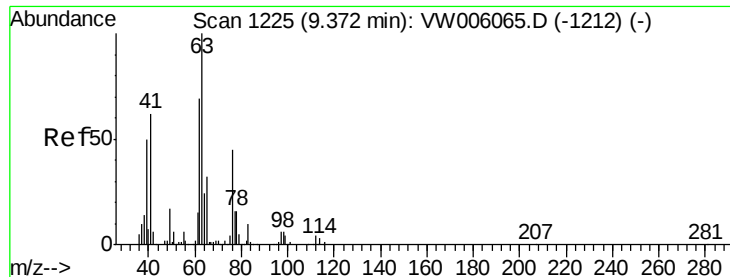
Delta R.T. -0.01 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Tgt Ion:	130	Resp:	146113
Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	183.2





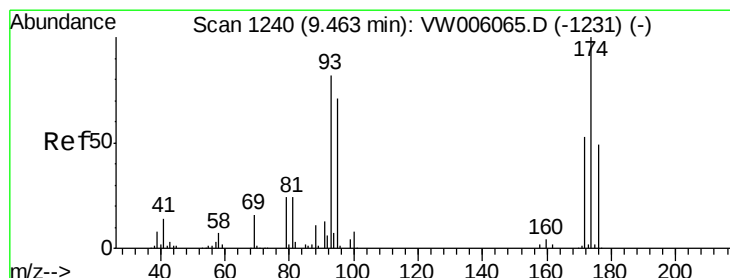
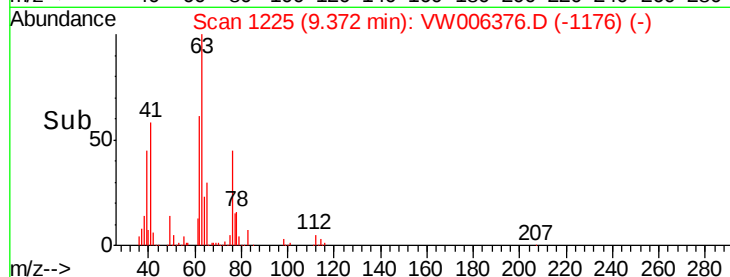
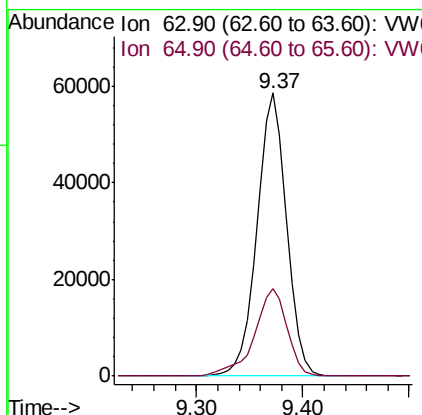
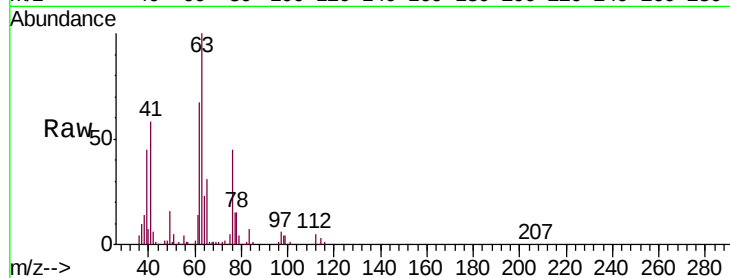
#45
 1,2-Dichloropropane
 Concen: 57.116 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 113892
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.4 38.0

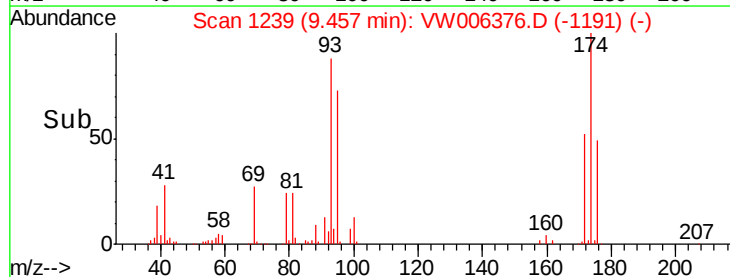
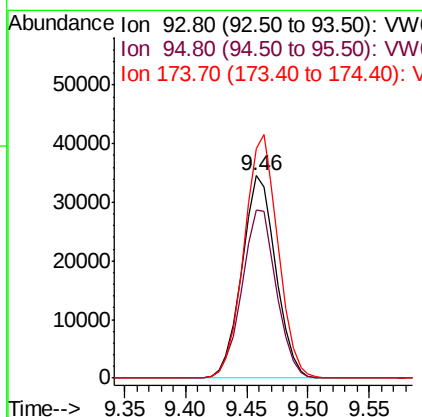
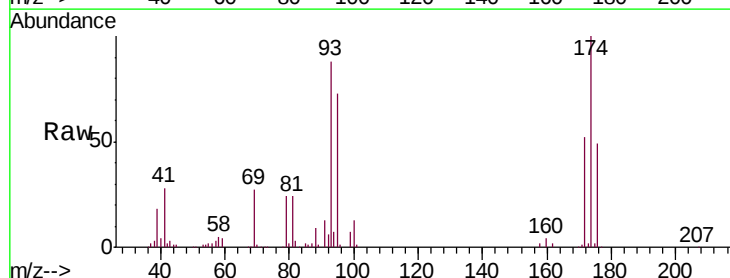
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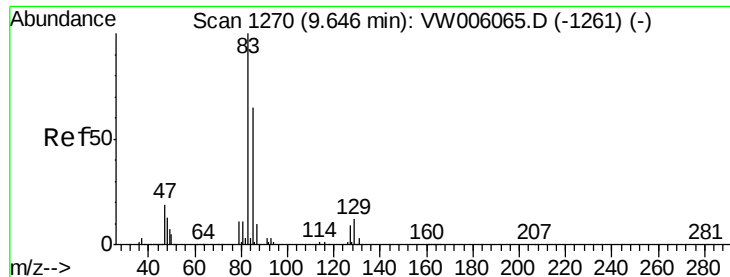
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#46
 Dibromomethane
 Concen: 58.579 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Tgt Ion: 93 Resp: 66575
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.7 101.5
 174 119.7 93.7 140.5





#47

Bromodichloromethane

Concen: 56.896 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

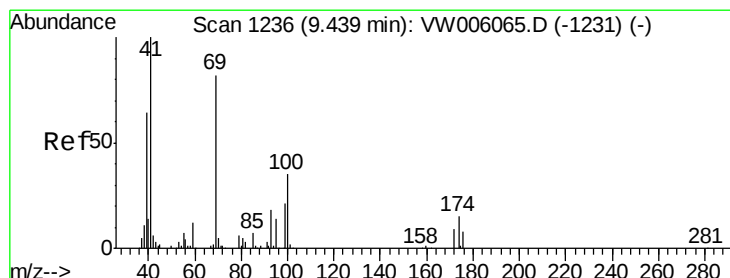
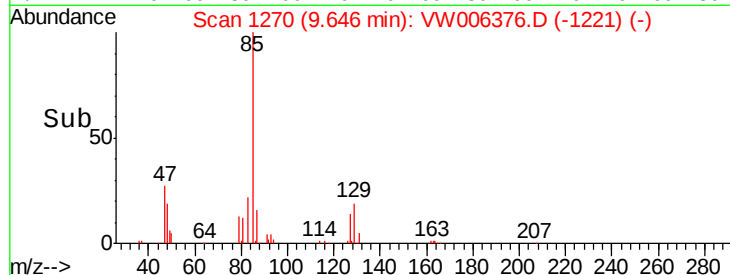
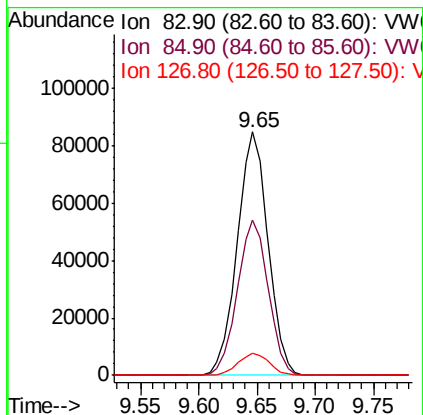
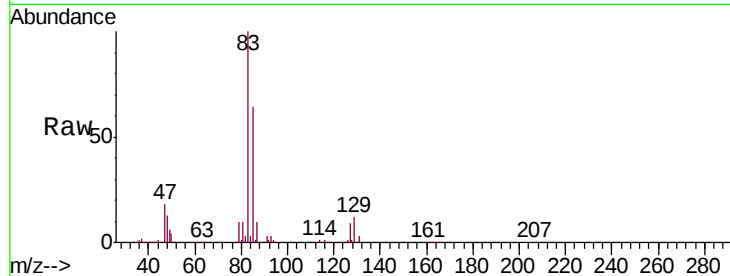
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	156772
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.8
127	9.1	6.9	10.3

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#48

Methyl methacrylate

Concen: 55.968 ug/l

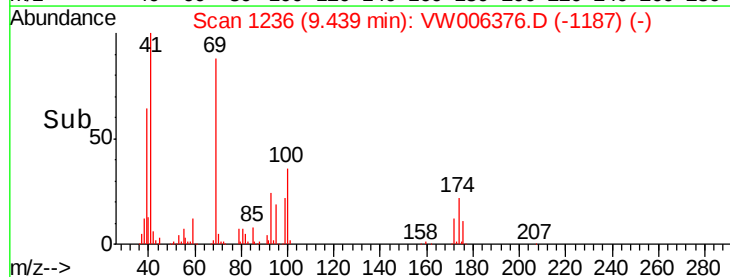
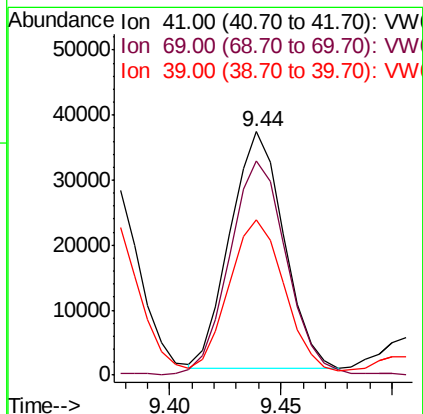
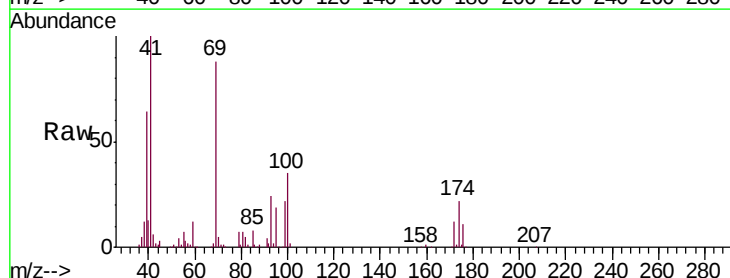
RT: 9.44 min Scan# 1236

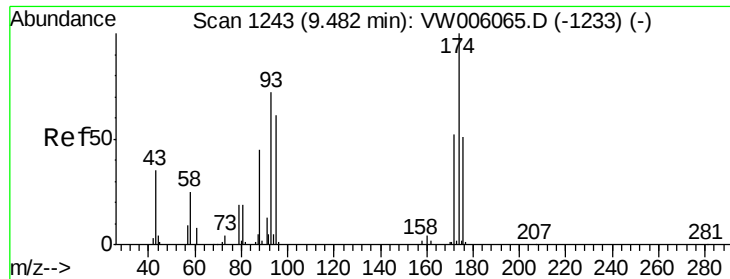
Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Tgt Ion:	41	Resp:	61223
Ion	Ratio	Lower	Upper
41	100		
69	96.8	71.8	107.8
39	68.9	52.5	78.7





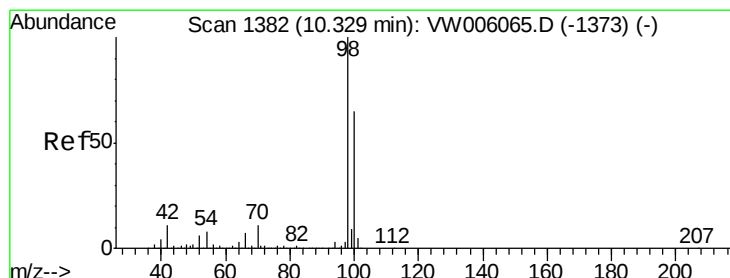
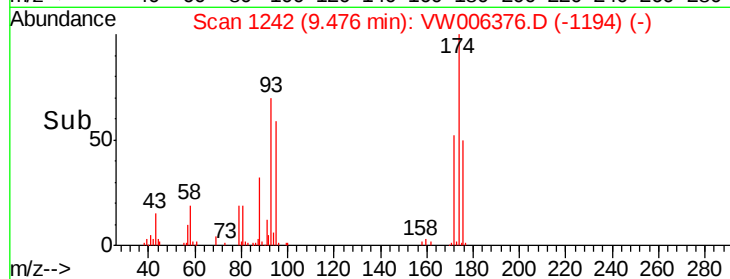
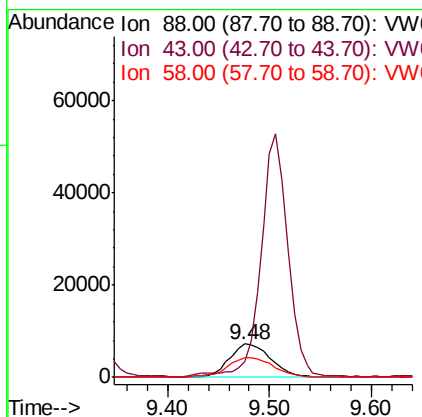
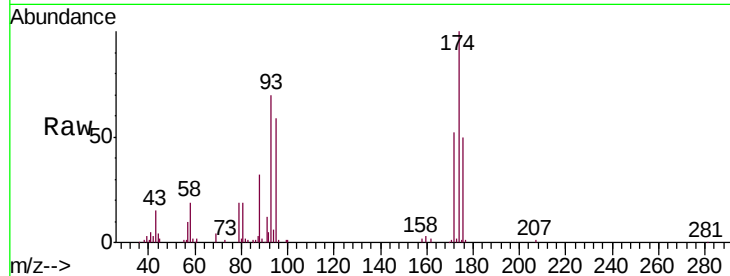
#49
1,4-Dioxane
Concen: 1167.916 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	65.8	51.2	76.8

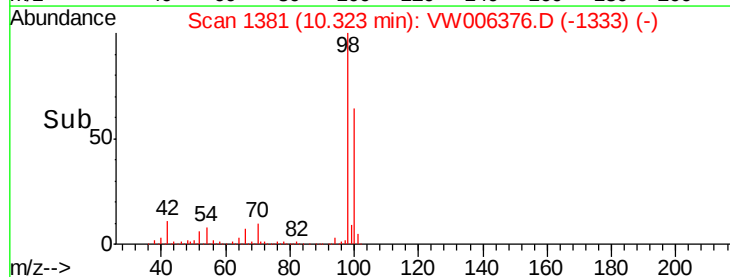
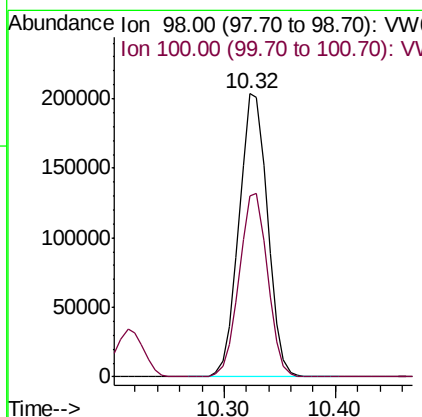
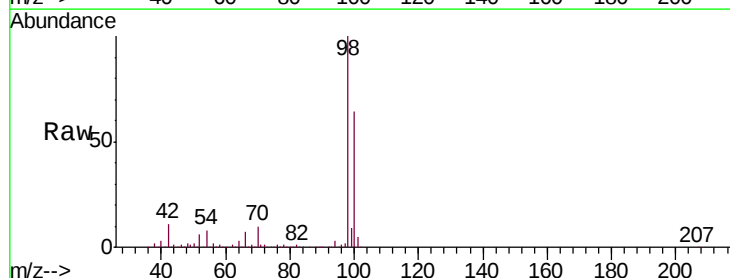
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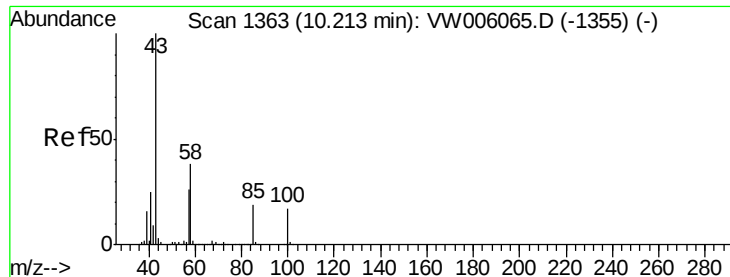
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#50
Toluene-d8
Concen: 48.899 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 283.448 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 327740

Ion Ratio Lower Upper

43 100

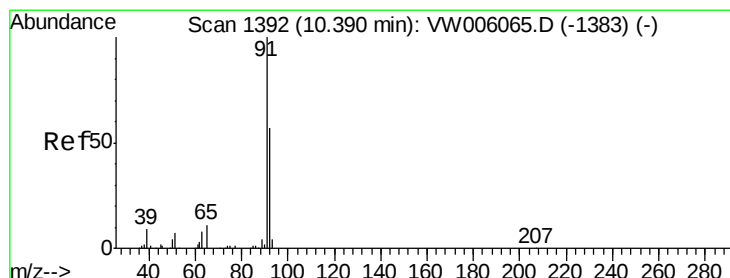
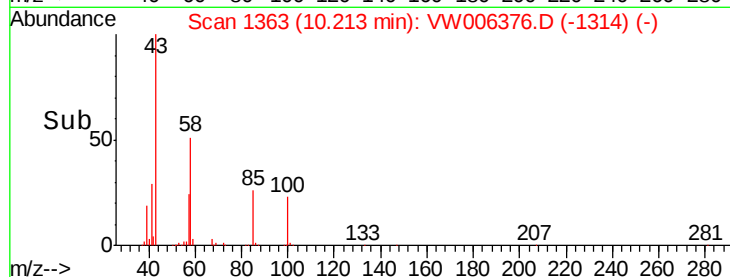
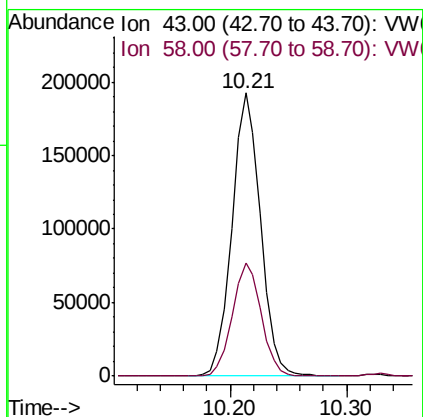
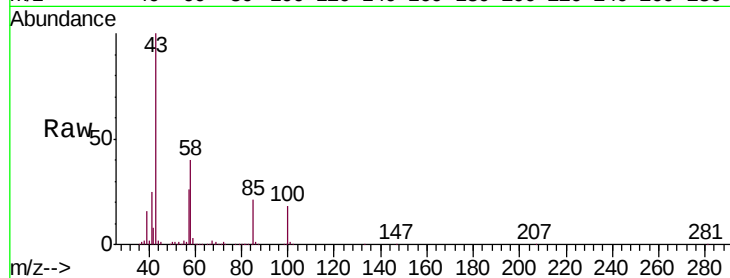
58 40.5 31.5 47.3

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#52

Toluene

Concen: 57.159 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006376.D

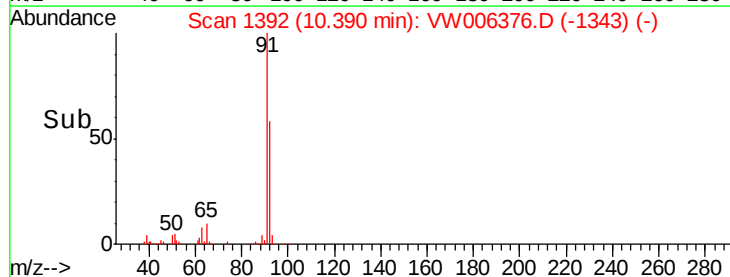
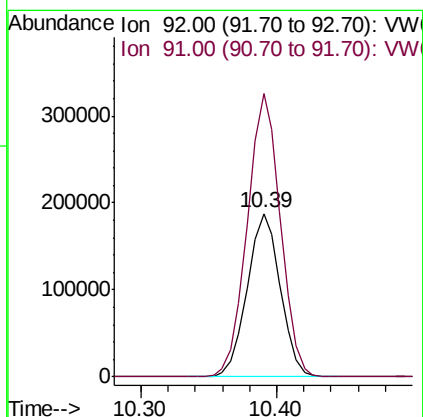
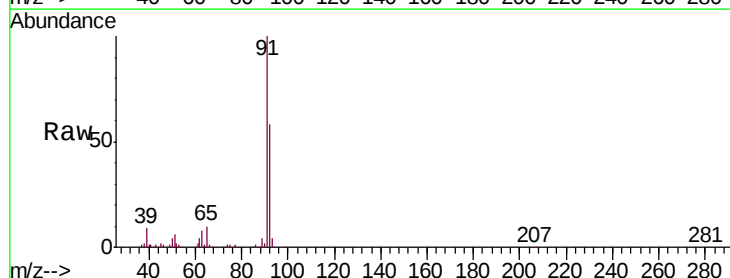
Acq: 25 Oct 2018 23:07

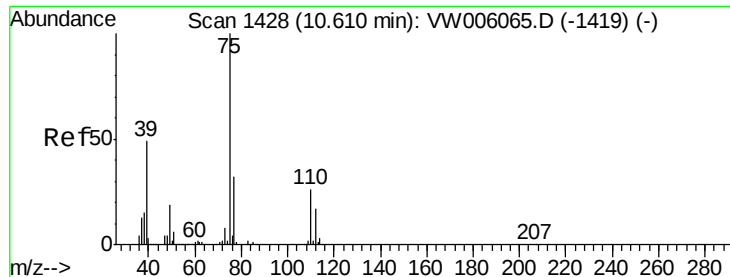
Tgt Ion: 92 Resp: 319327

Ion Ratio Lower Upper

92 100

91 174.1 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 56.274 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 75 Resp: 154487

Ion Ratio Lower Upper

75 100

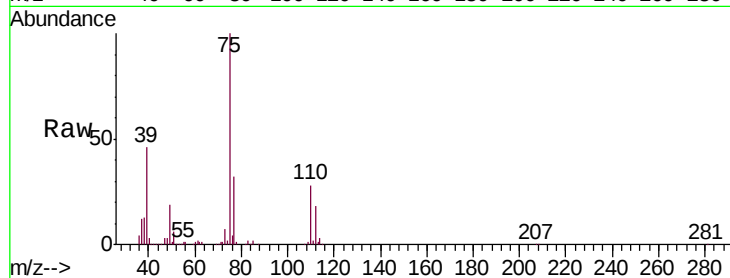
77 31.8 25.4 38.2

Manual Integrations

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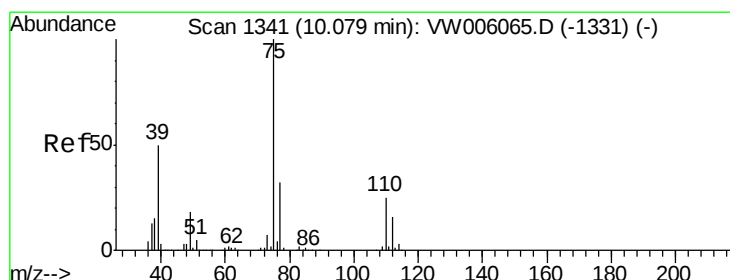
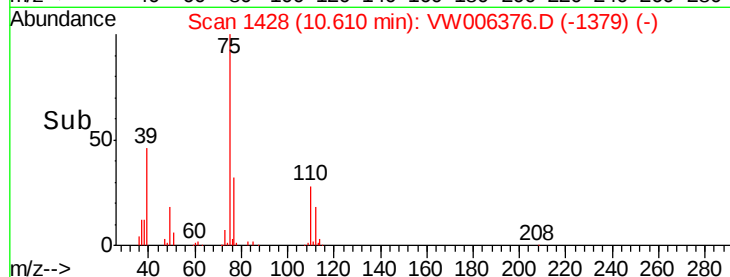
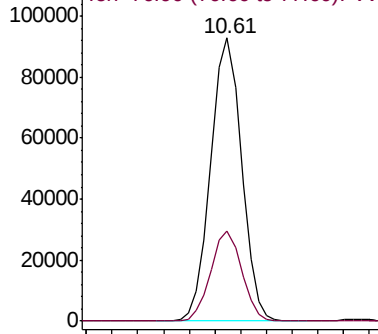
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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 56.019 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

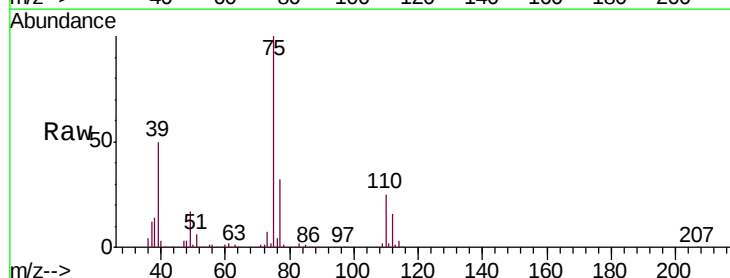
Tgt Ion: 75 Resp: 176500

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

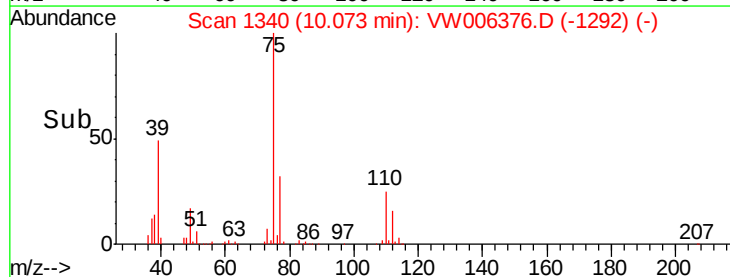
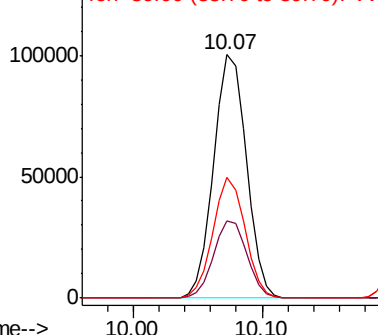
39 49.5 39.9 59.9

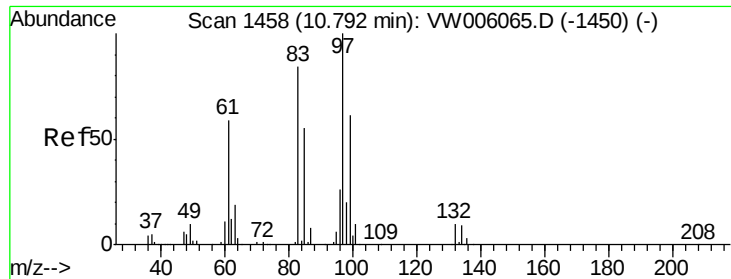


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





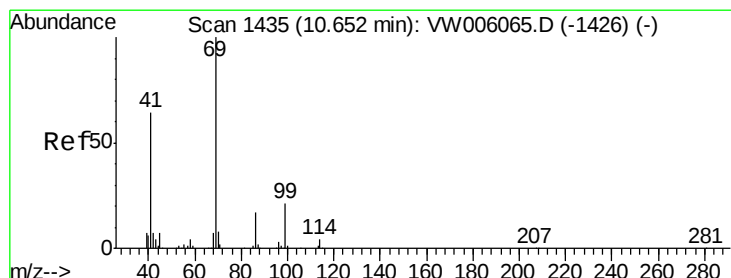
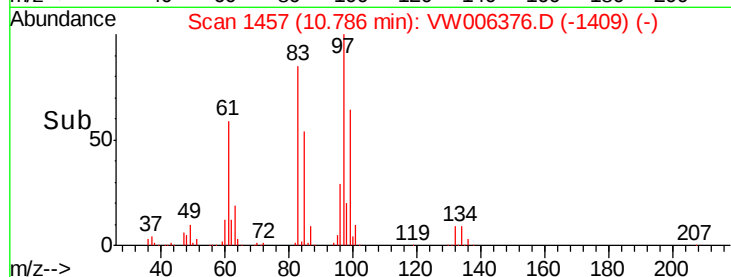
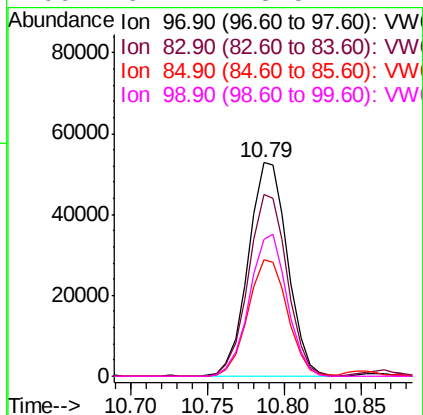
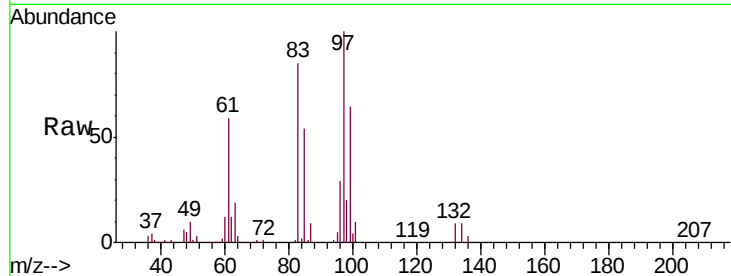
#55
 1,1,2-Trichloroethane
 Concen: 59.139 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.2	100.8
85	54.5	43.7	65.5
99	64.1	48.5	72.7

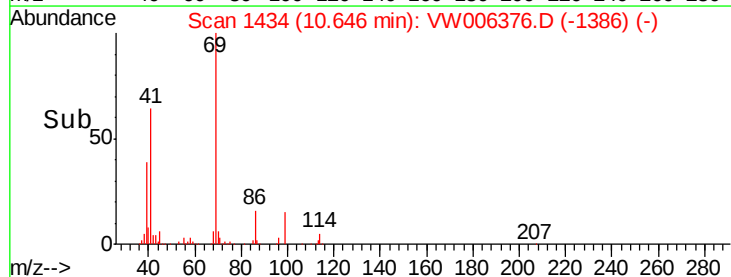
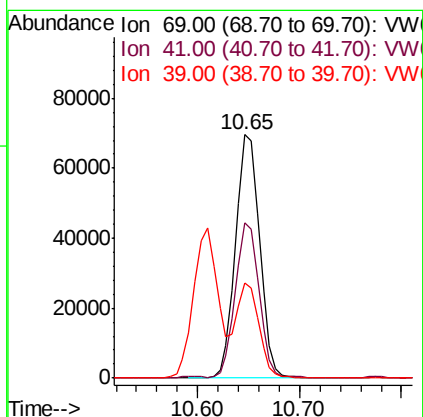
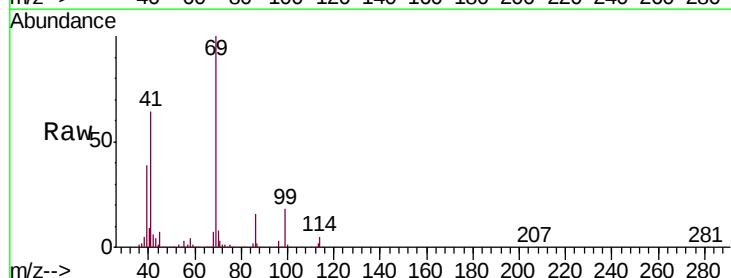
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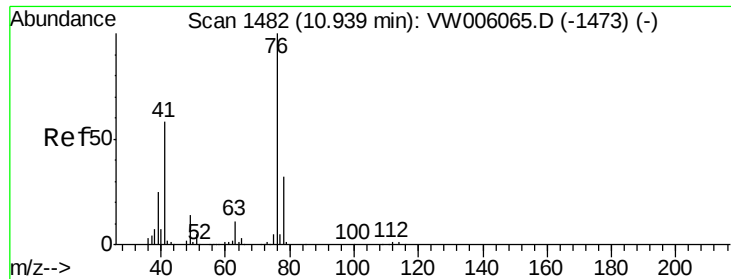
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#56
 Ethyl methacrylate
 Concen: 58.233 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.8	52.8	79.2
39	37.6	30.6	45.8





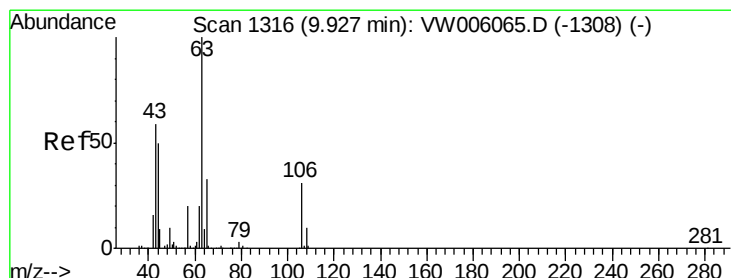
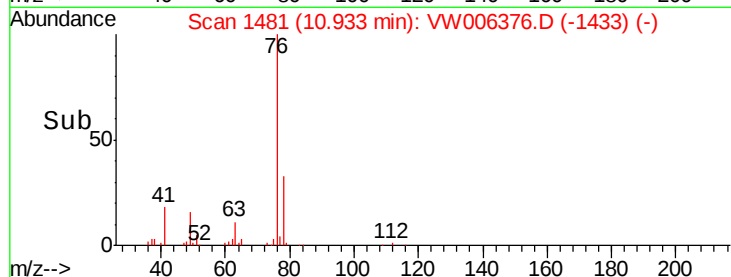
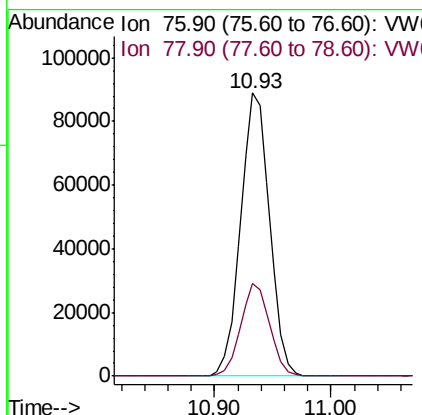
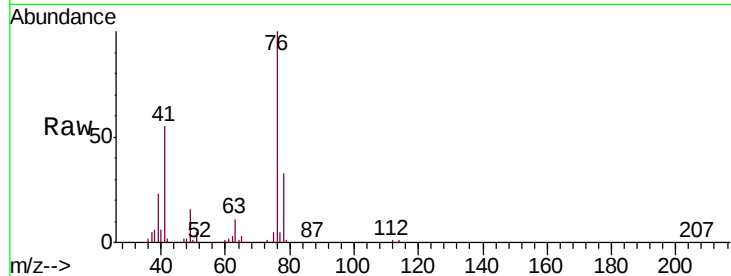
#57
 1,3-Dichloropropane
 Concen: 58.541 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 154124
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9

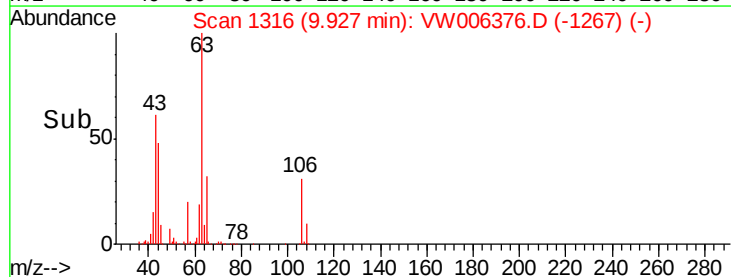
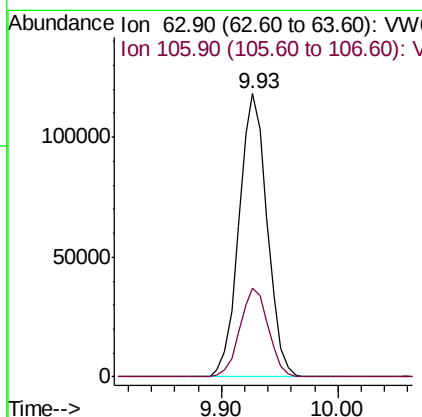
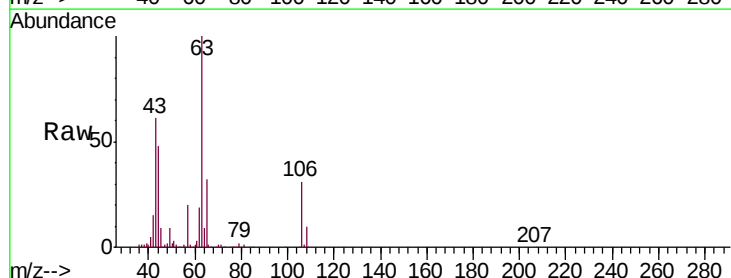
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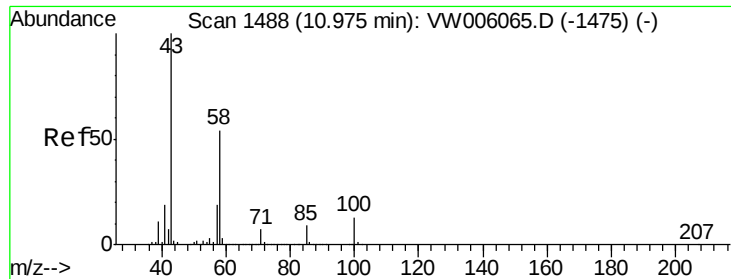
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#58
 2-Chloroethyl Vinyl ether
 Concen: 267.581 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Tgt Ion: 63 Resp: 199350
 Ion Ratio Lower Upper
 63 100
 106 31.6 24.5 36.7





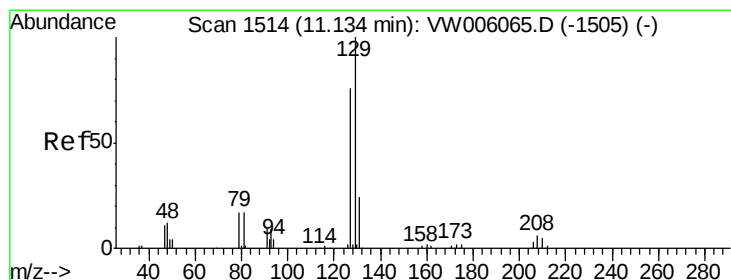
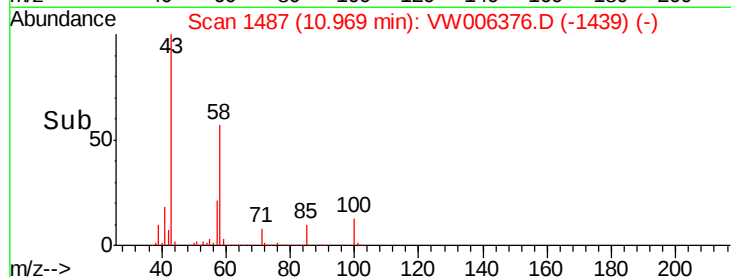
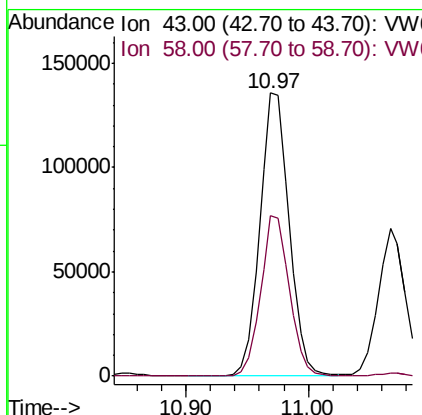
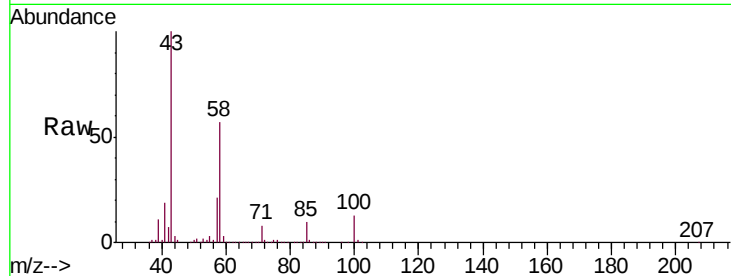
#59
2-Hexanone
Concen: 274.192 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 226313
Ion Ratio Lower Upper
43 100
58 55.6 26.9 80.6

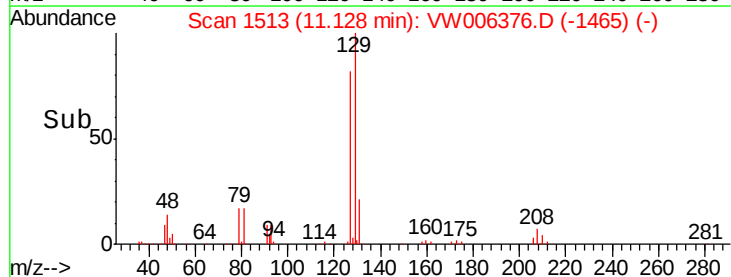
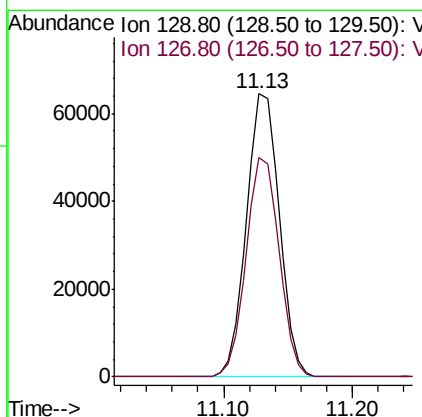
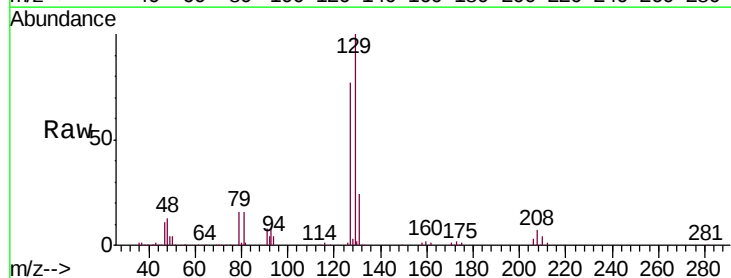
Manual Integrations
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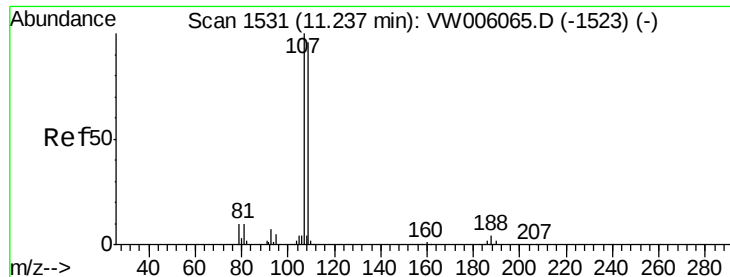
apatel
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#60
Dibromochloromethane
Concen: 57.559 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion: 129 Resp: 114026
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7





#61

1,2-Dibromoethane

Concen: 59.430 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 94441

Ion Ratio Lower Upper

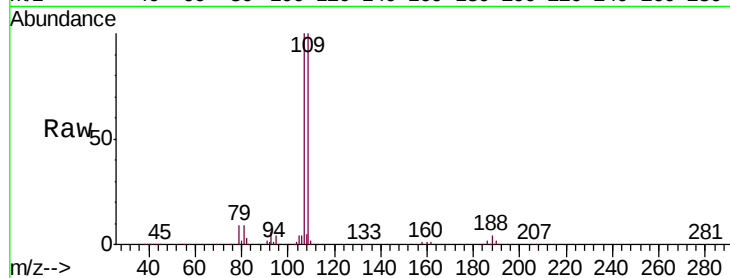
107 100

109 95.0 76.3 114.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

60000

50000

40000

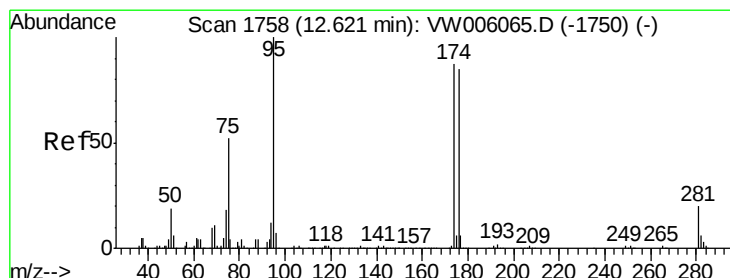
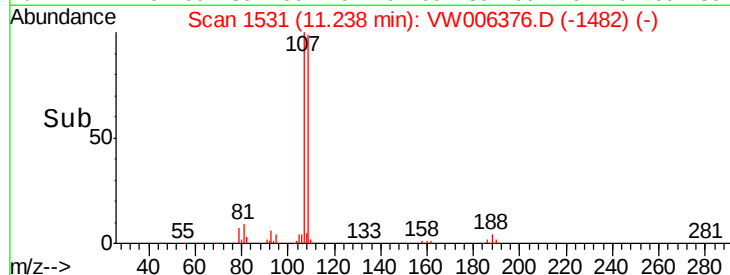
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.687 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

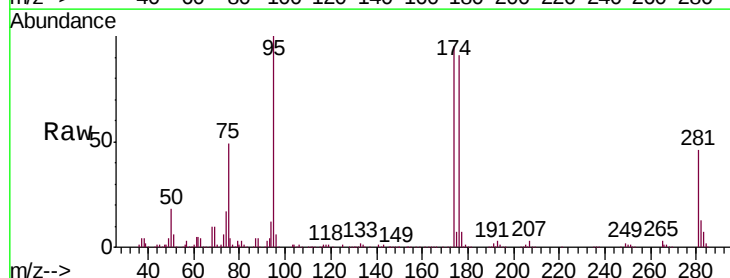
Tgt Ion: 95 Resp: 141052

Ion Ratio Lower Upper

95 100

174 95.5 0.0 186.0

176 93.1 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

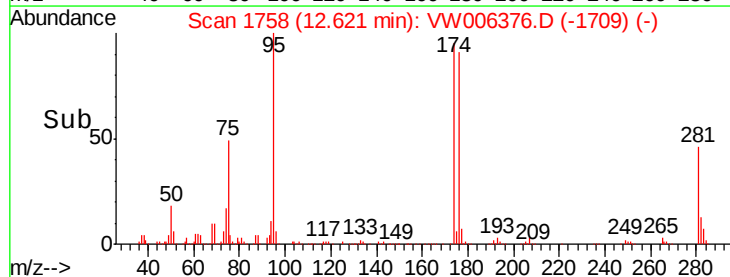
60000

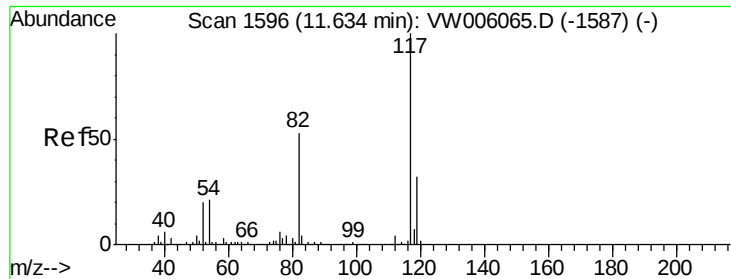
40000

20000

0

Time-->





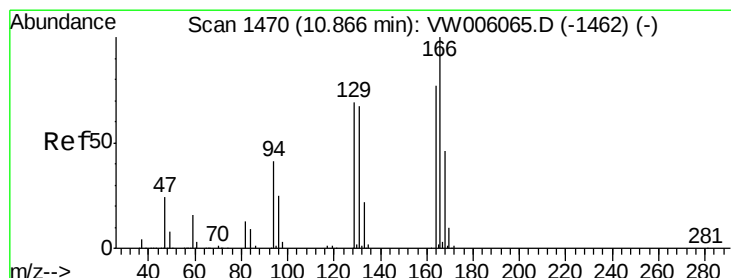
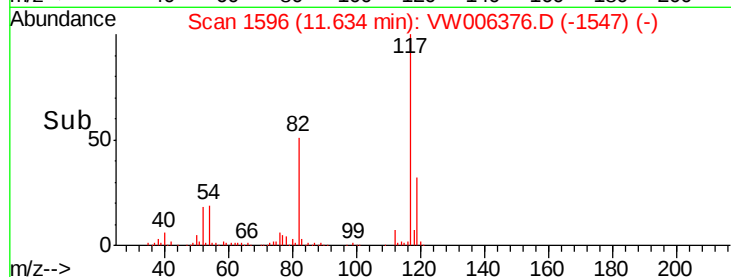
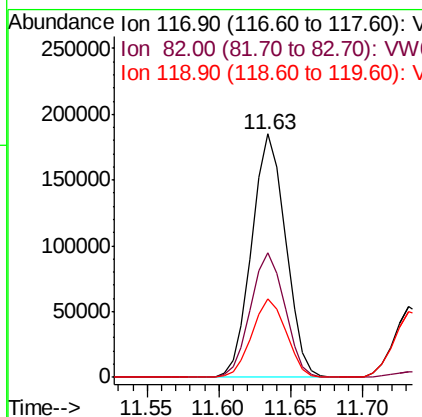
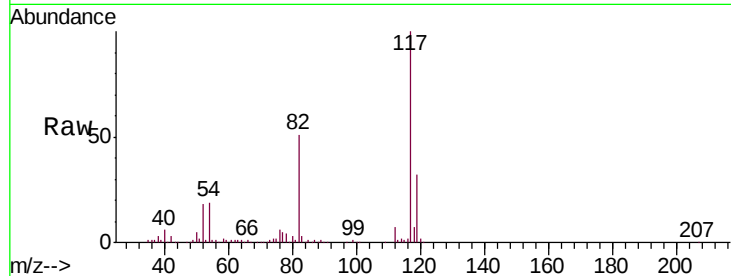
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	51.1	42.1	63.1
119	32.2	25.8	38.6

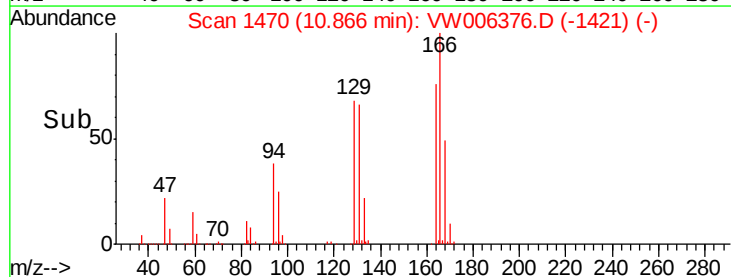
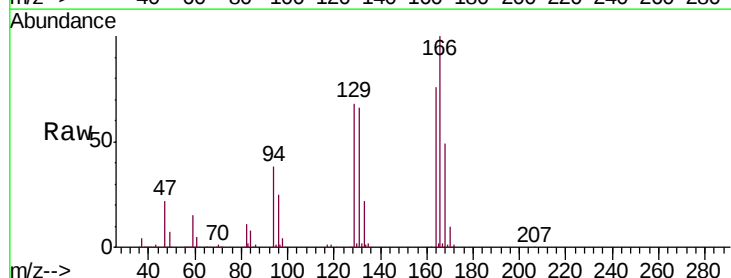
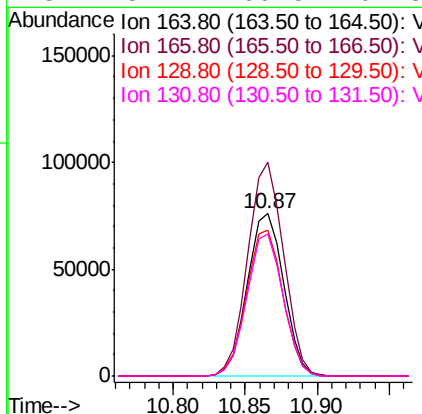
Manual Integrations
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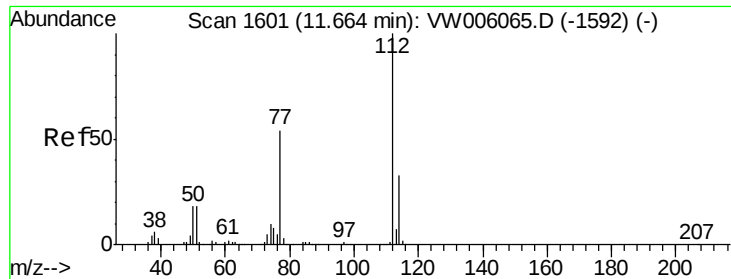
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#64
Tetrachloroethene
Concen: 56.803 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	131.7	103.4	155.0
129	90.0	71.8	107.8
131	87.4	69.5	104.3





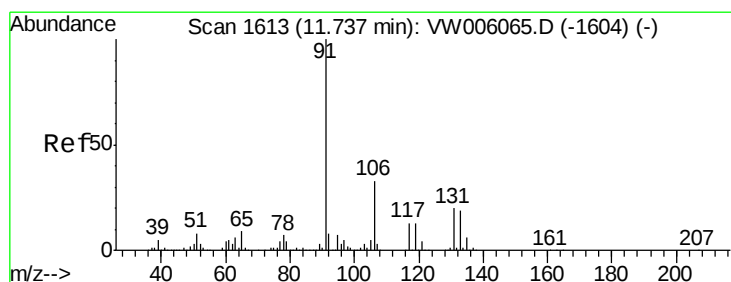
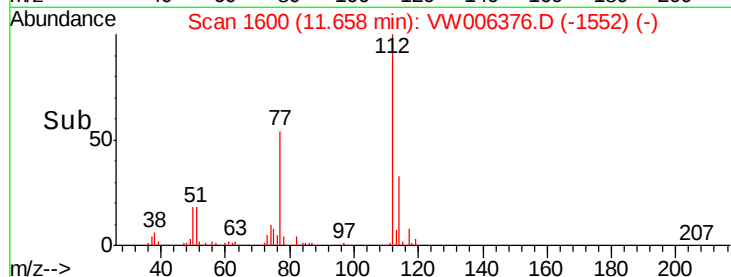
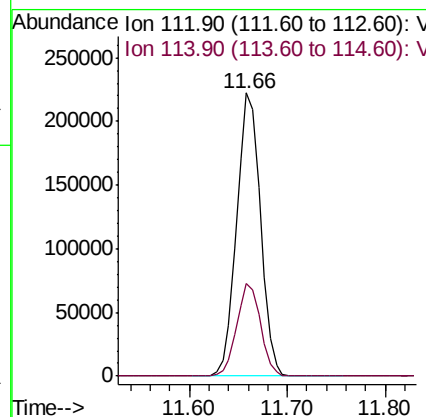
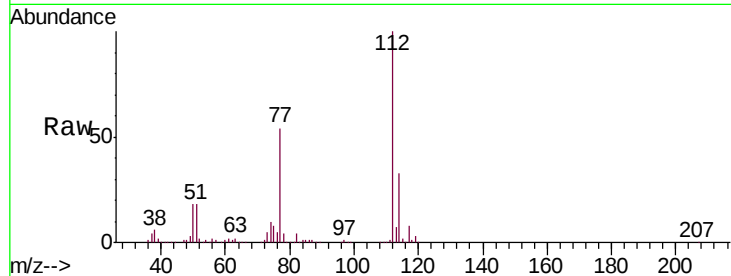
#65
Chlorobenzene
Concen: 58.121 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 375445
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

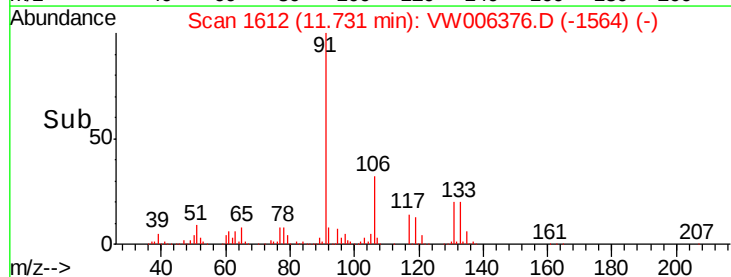
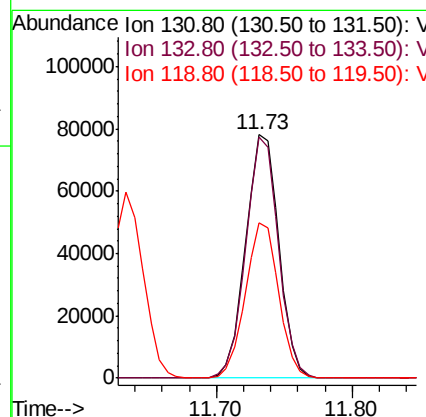
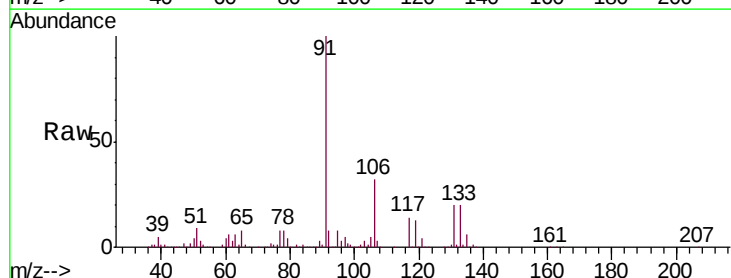
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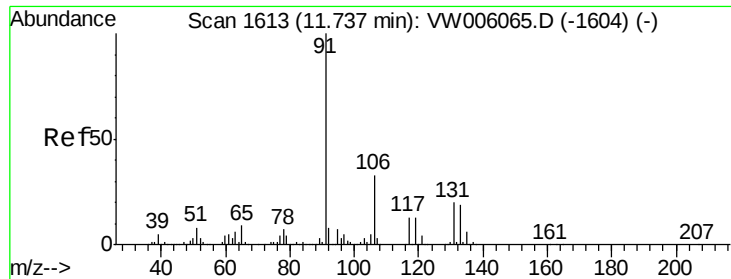
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#66
1,1,1,2-Tetrachloroethane
Concen: 58.151 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion:131 Resp: 133495
Ion Ratio Lower Upper
131 100
133 97.5 48.1 144.3
119 63.9 31.6 94.7





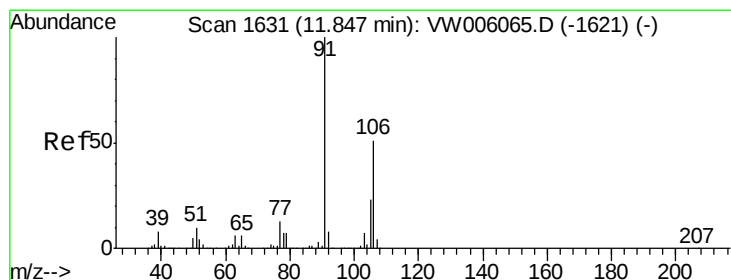
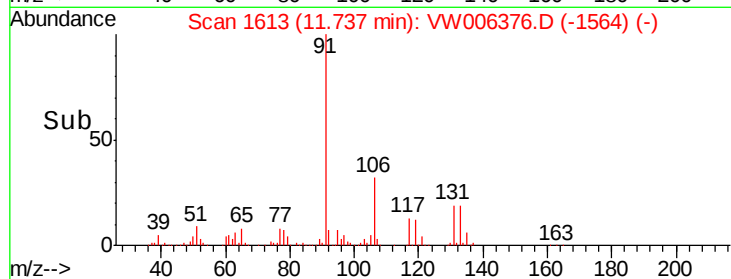
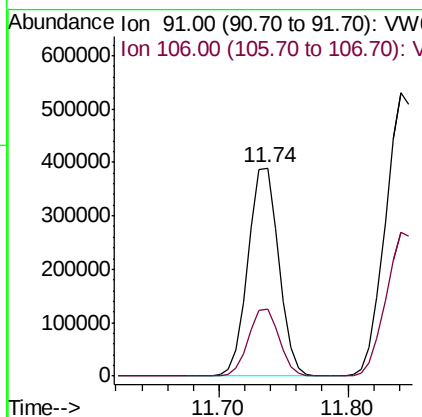
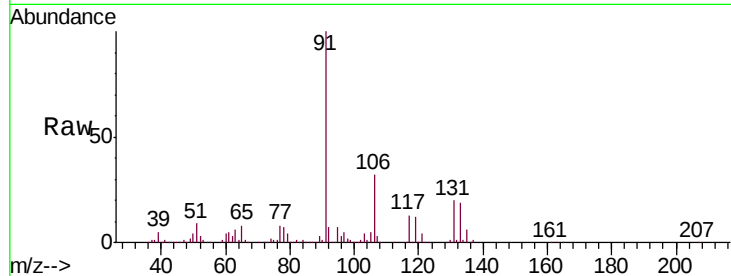
#67
Ethyl Benzene
Concen: 57.044 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 638600
Ion Ratio Lower Upper
91 100
106 32.0 26.1 39.1

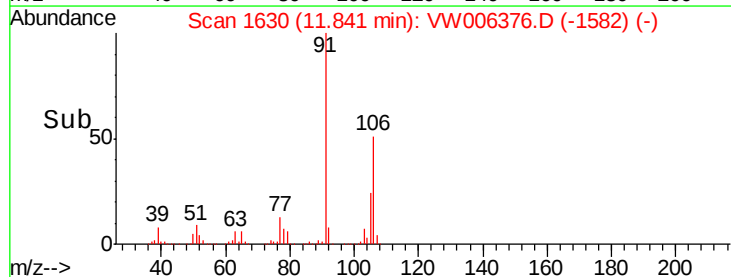
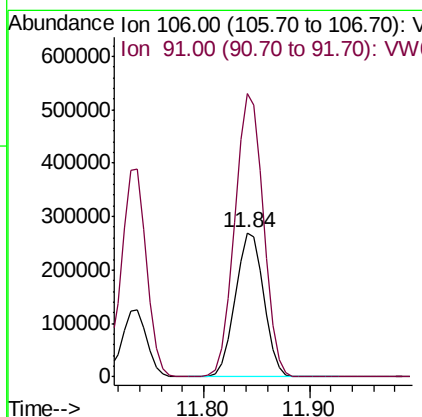
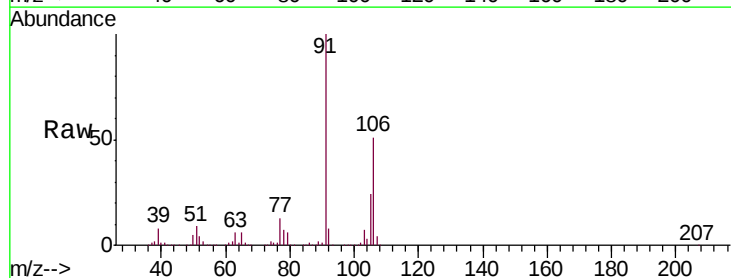
Manual Integrations
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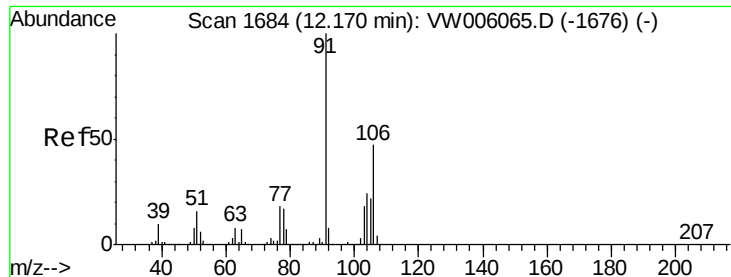
apatel
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#68
m/p-Xylenes
Concen: 114.332 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion: 106 Resp: 505900
Ion Ratio Lower Upper
106 100
91 197.6 159.1 238.7





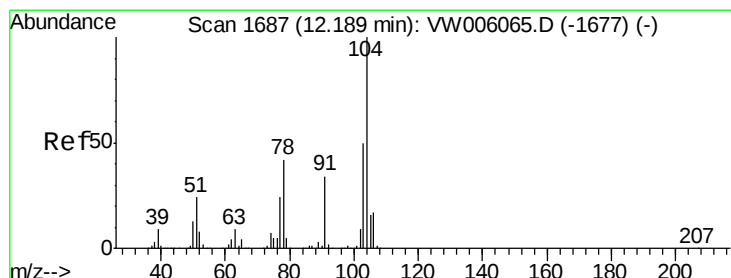
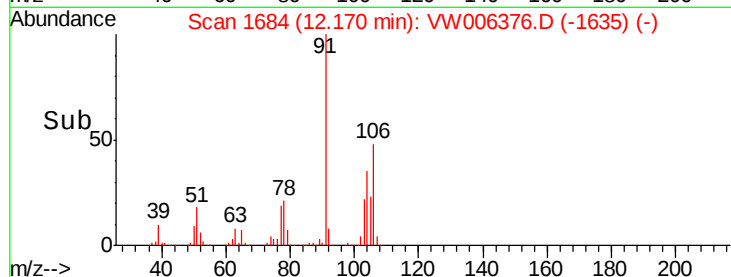
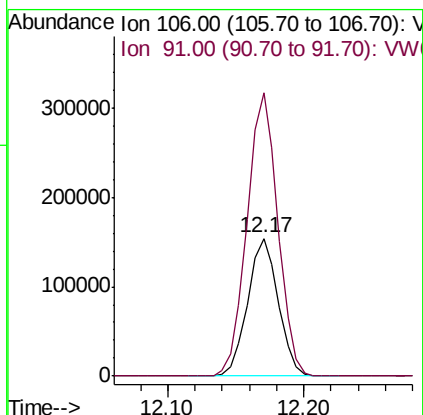
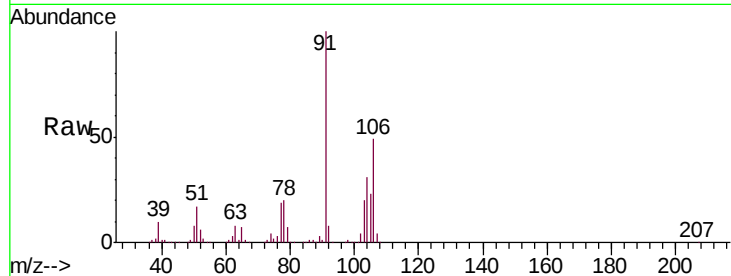
#69
o-Xylene
Concen: 57.706 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 243347
Ion Ratio Lower Upper
106 100
91 206.6 105.4 316.1

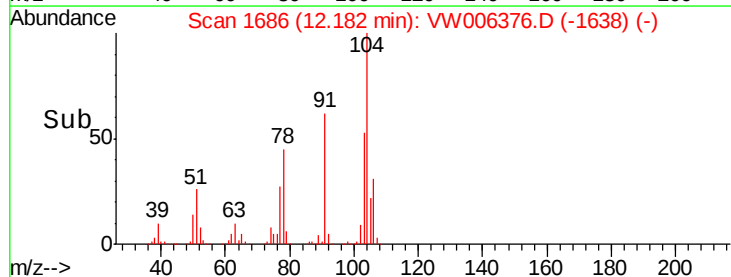
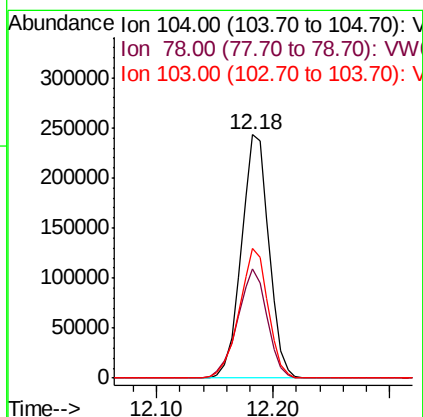
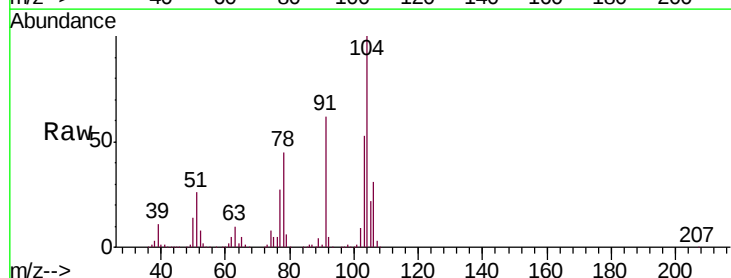
Manual Integrations
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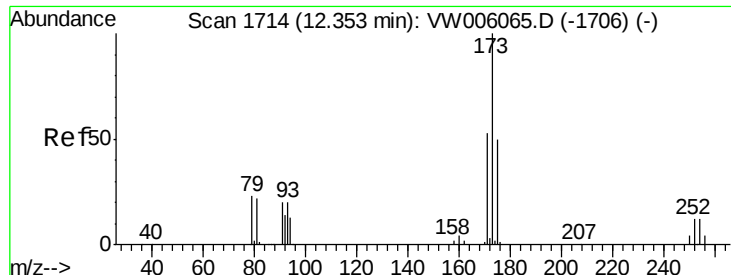
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#70
Styrene
Concen: 58.323 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion:104 Resp: 399945
Ion Ratio Lower Upper
104 100
78 47.9 39.1 58.7
103 56.0 44.3 66.5





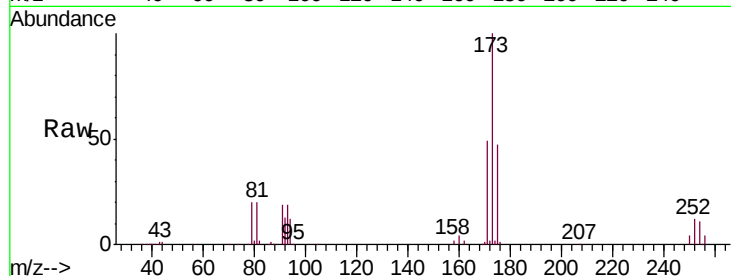
#71
Bromoform
Concen: 55.907 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.2	72.6
254	0.1	0.1	0.1

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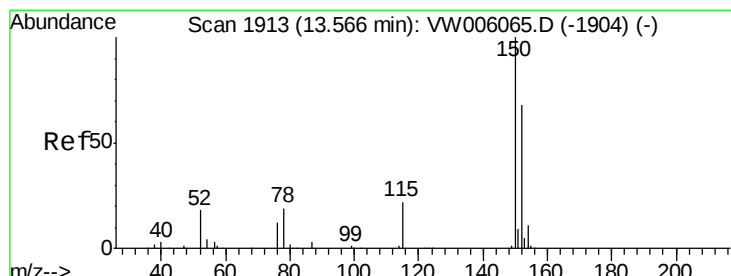
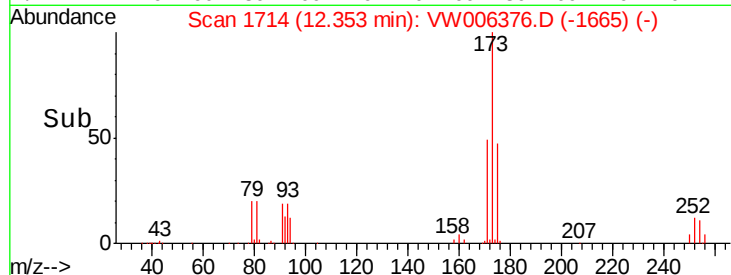
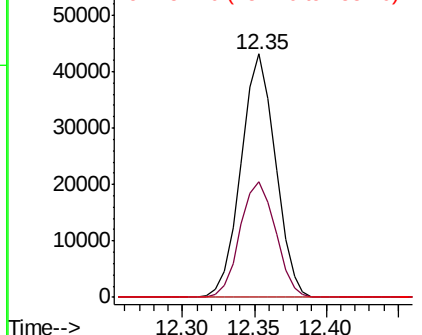


Abundance

Ion 172.70 (172.40 to 173.40): V

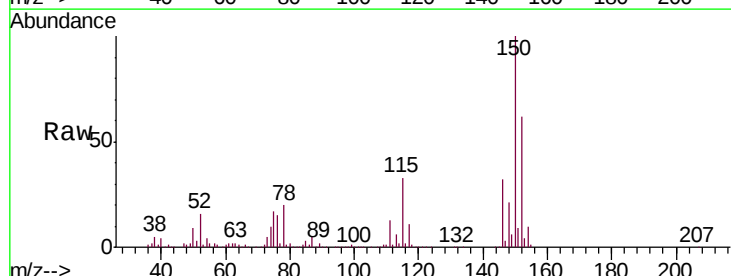
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.8	83.3
150	176.5	0.0	349.2

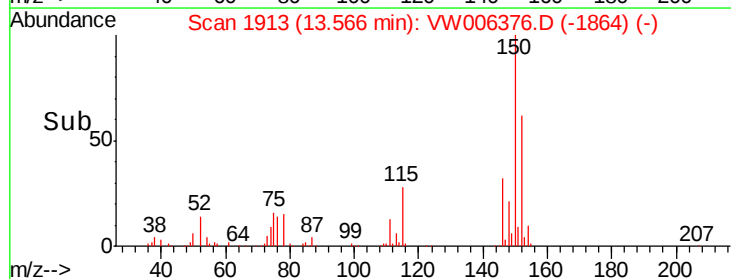
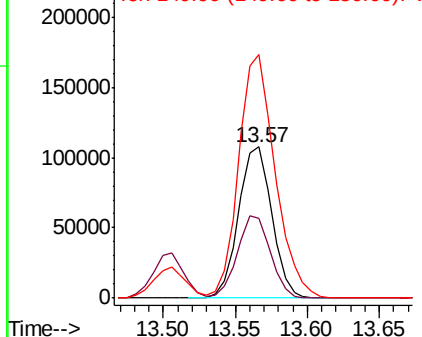


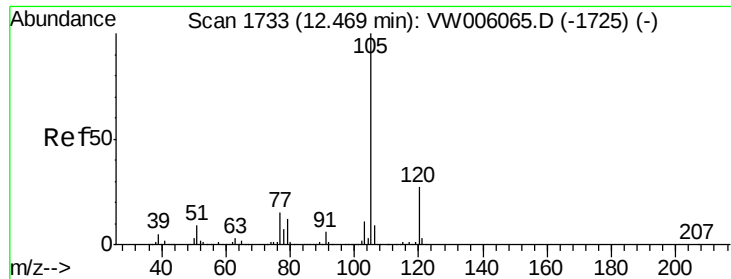
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.660 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 677345

Ion Ratio Lower Upper

105 100

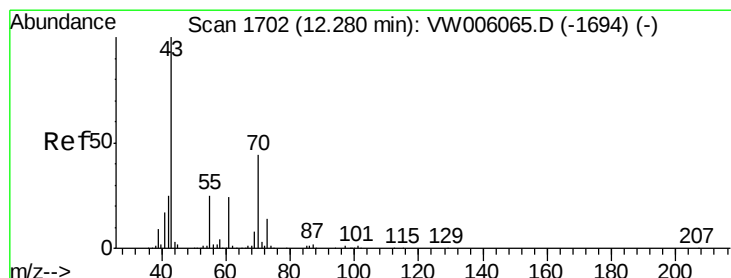
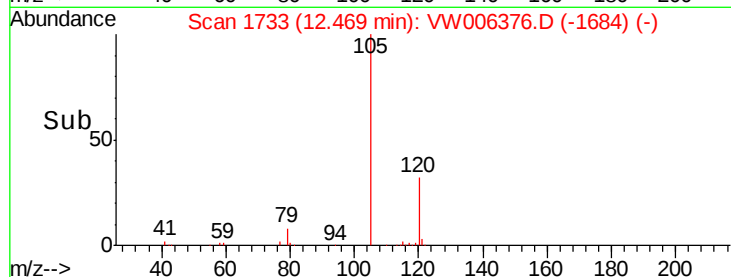
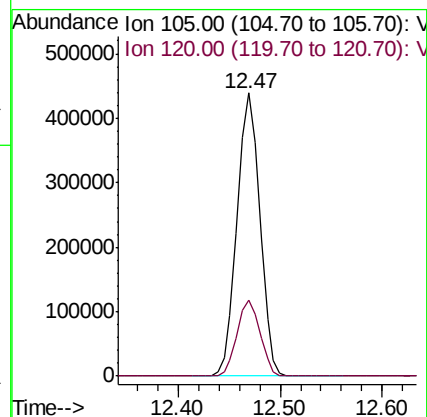
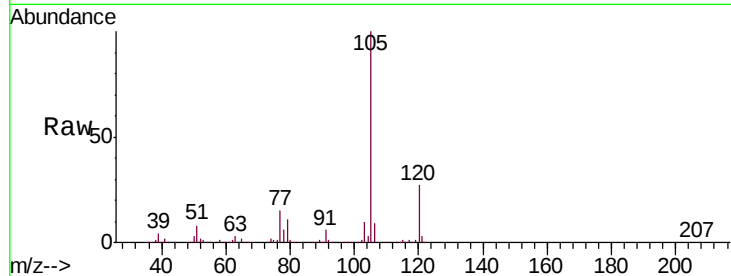
120 27.1 13.6 40.7

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#74

N-ethyl acetate

Concen: 52.659 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Tgt Ion: 43 Resp: 124466

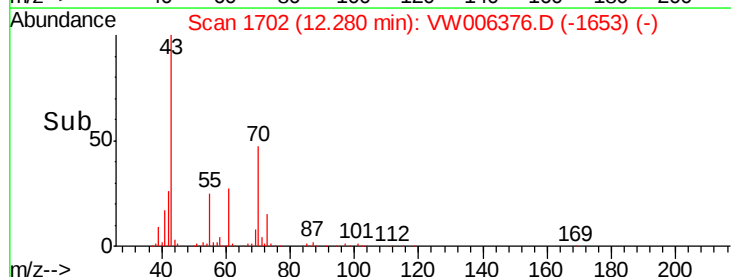
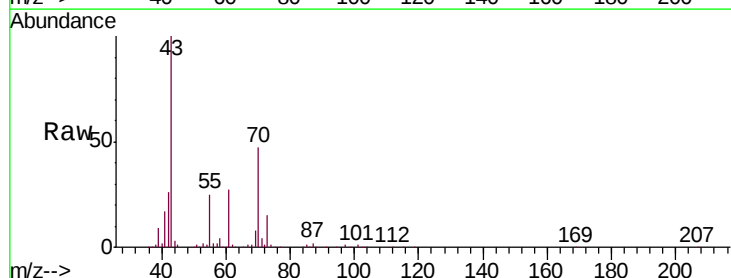
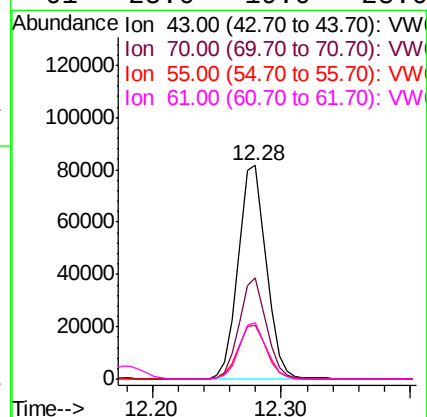
Ion Ratio Lower Upper

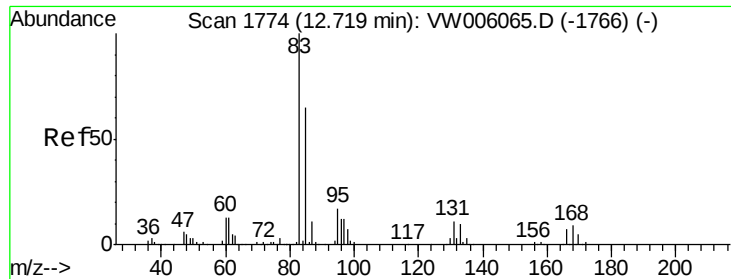
43 100

70 45.9 34.2 51.4

55 25.6 19.2 28.8

61 25.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 59.077 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

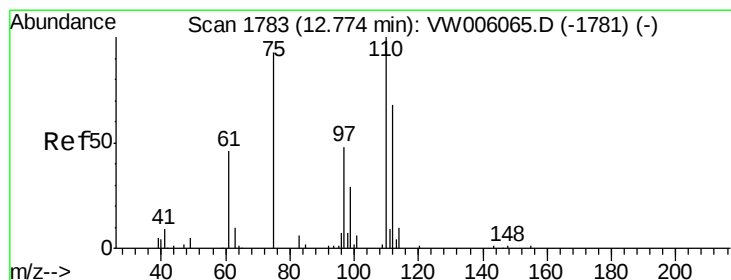
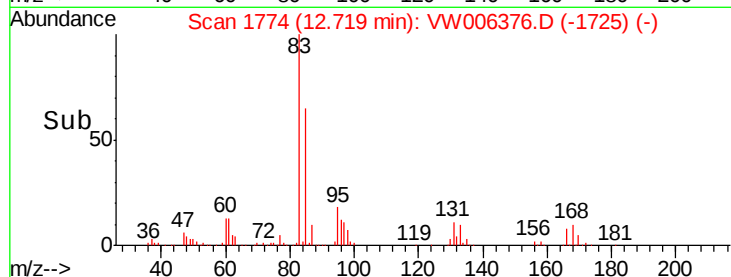
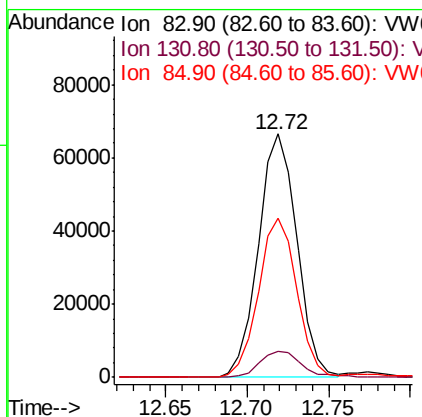
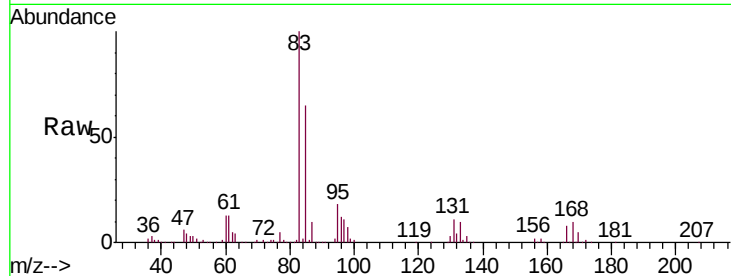
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	109346
Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.9	17.7
85	65.0	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 50.492 ug/l m

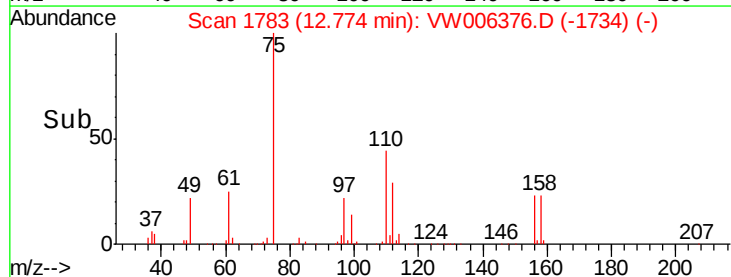
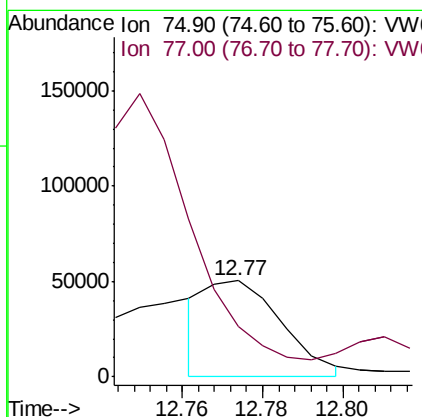
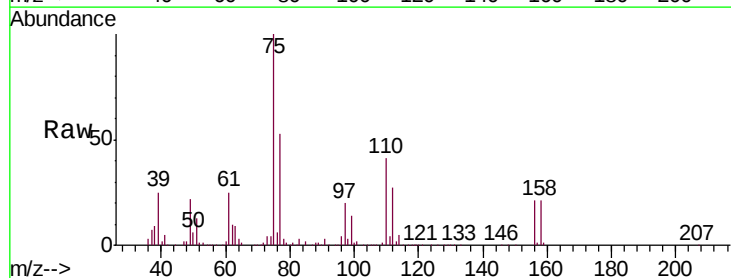
RT: 12.77 min Scan# 1783

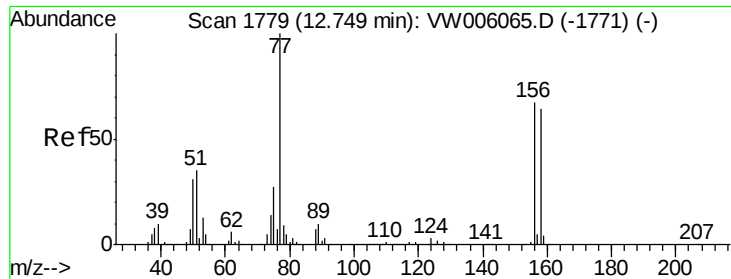
Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Tgt Ion:	75	Resp:	66433
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 57.619 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

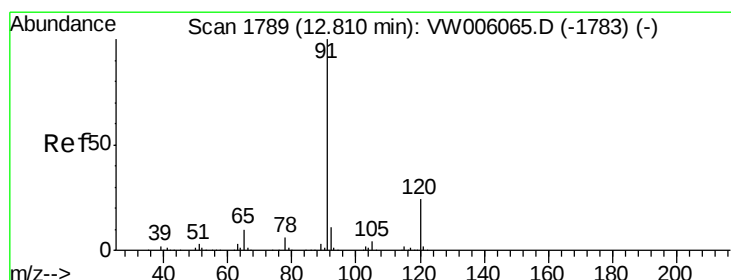
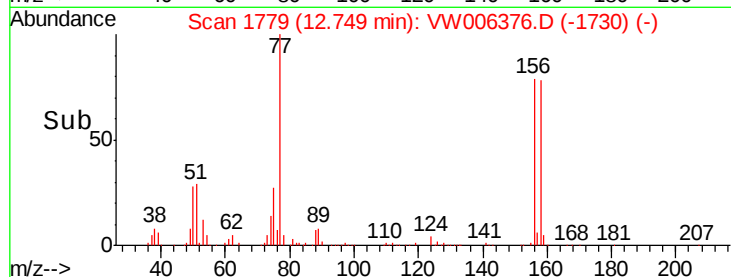
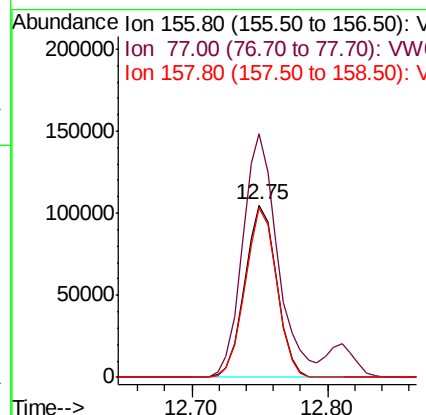
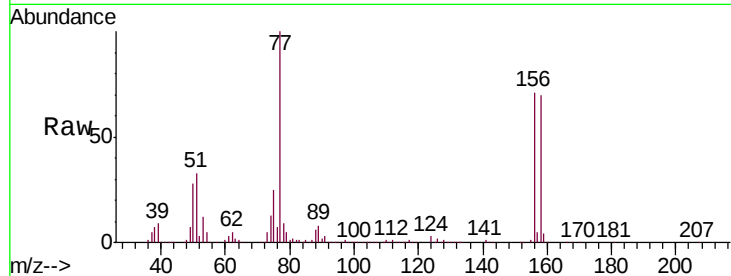
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	155.2	79.1	237.4
158	97.6	48.5	145.6

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#78

n-propylbenzene

Concen: 55.564 ug/l

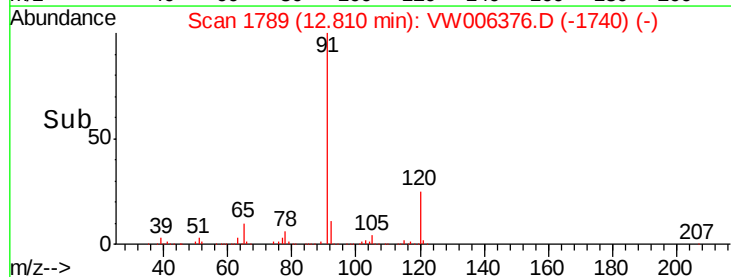
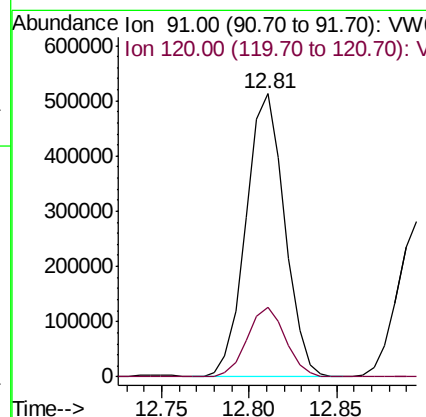
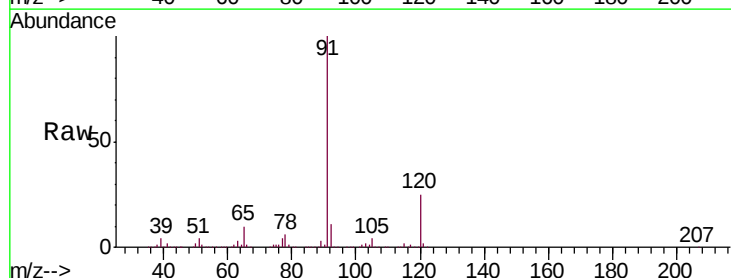
RT: 12.81 min Scan# 1789

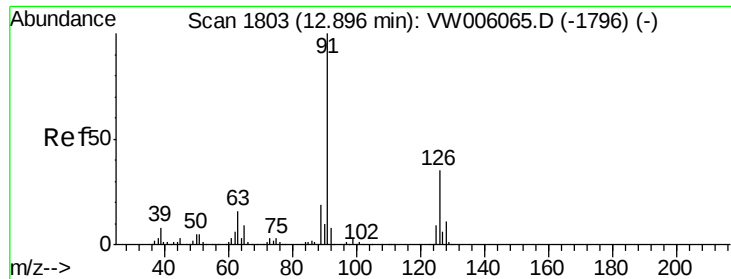
Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.2	36.6





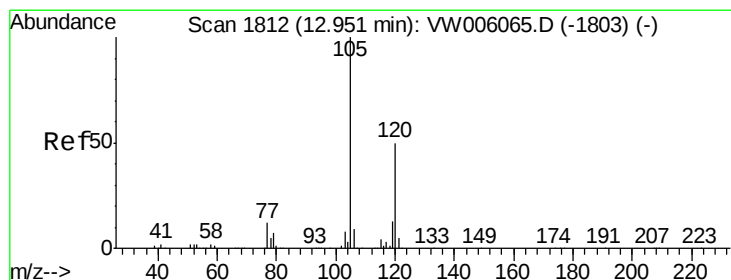
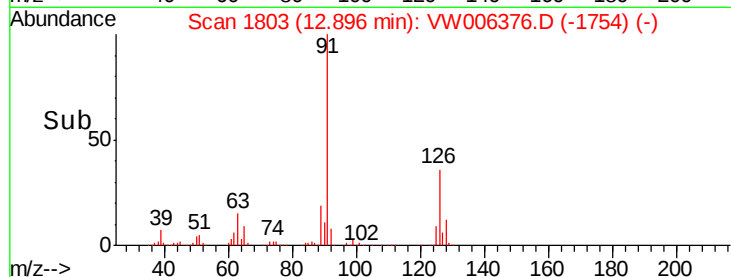
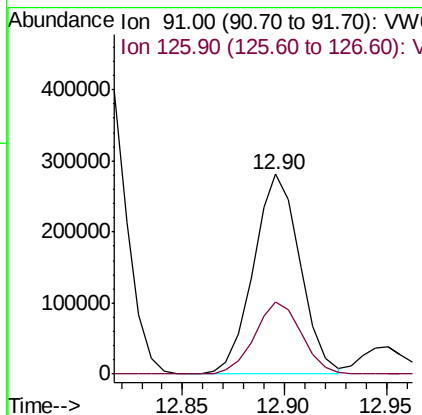
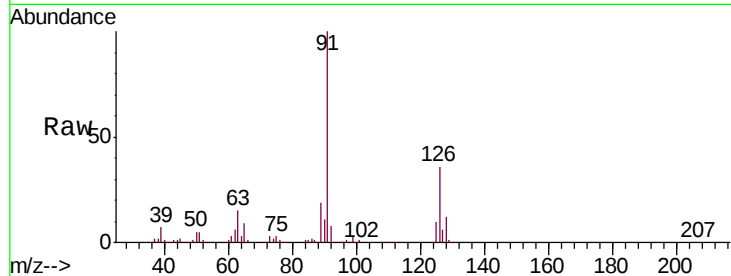
#79
2-Chlorotoluene
Concen: 56.018 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 445620
Ion Ratio Lower Upper
91 100
126 36.3 17.9 53.8

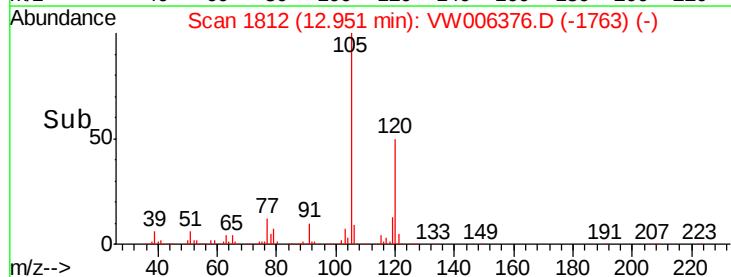
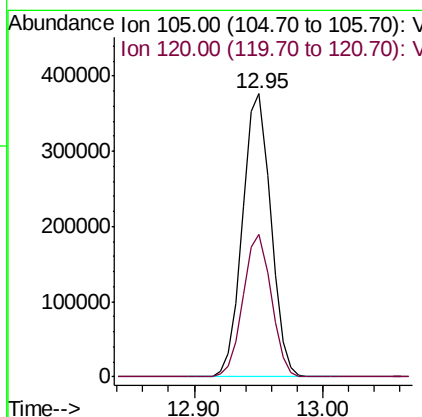
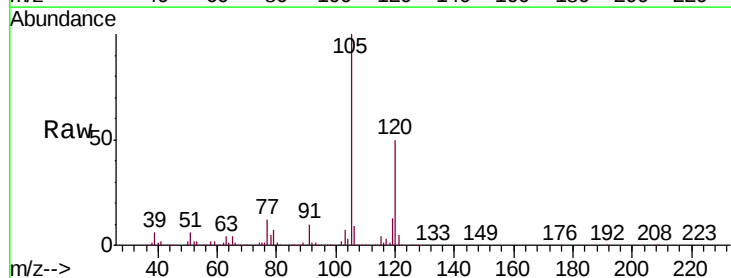
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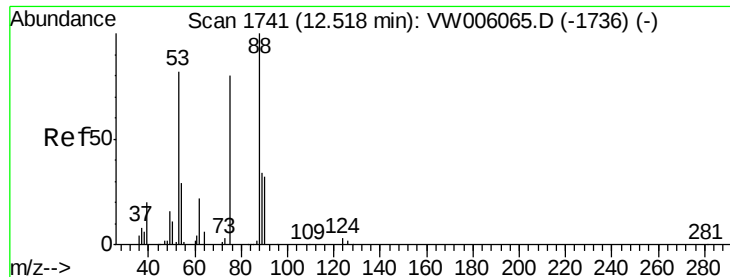
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#80
1,3,5-Trimethylbenzene
Concen: 55.634 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion: 105 Resp: 570752
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.574 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

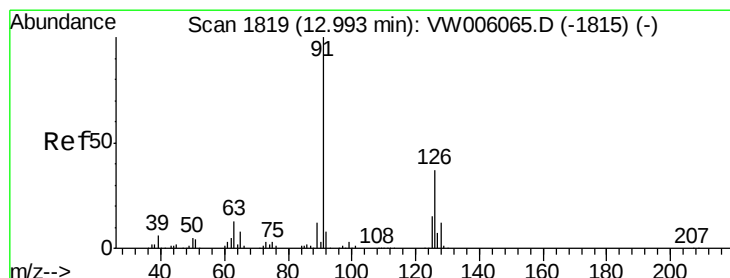
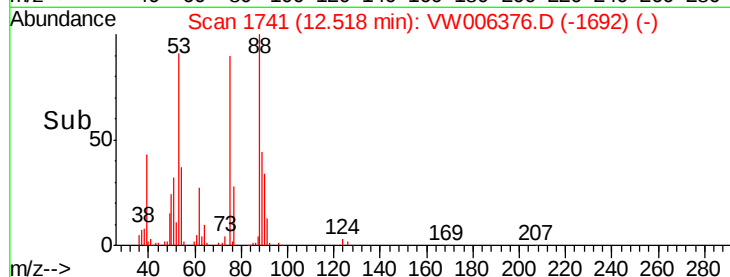
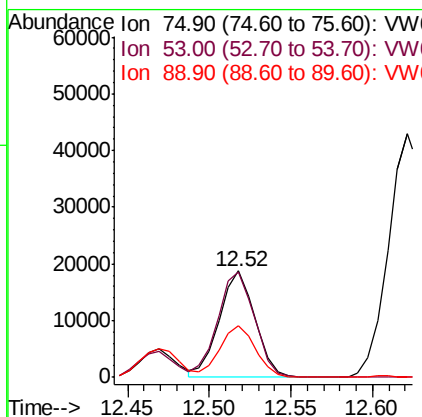
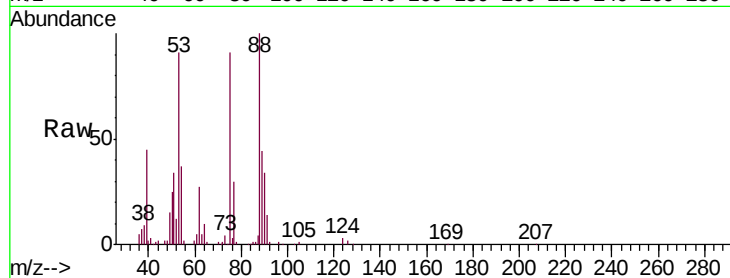
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	28387
Ion Ratio	Lower	Upper	
75	100		
53	103.1	79.8	119.6
89	48.2	37.5	56.3

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#82

4-Chlorotoluene

Concen: 56.456 ug/l

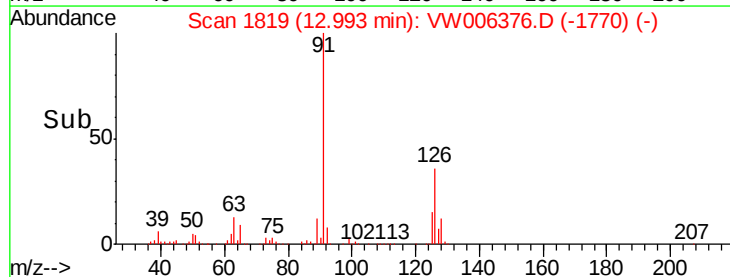
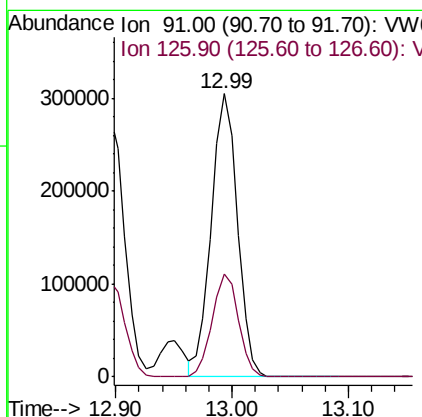
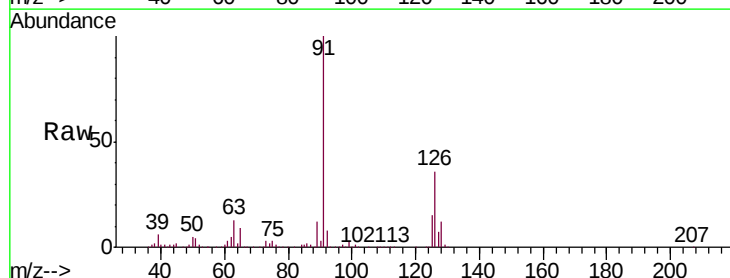
RT: 12.99 min Scan# 1819

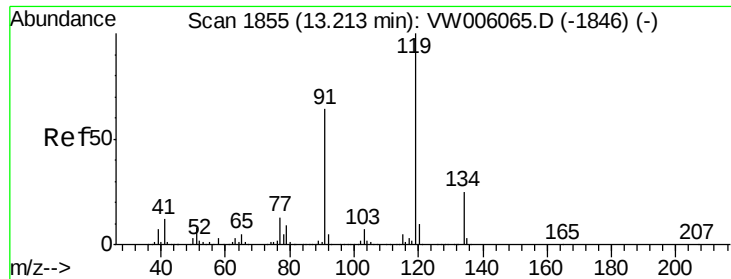
Delta R.T. 0.00 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Tgt Ion:	91	Resp:	470450
Ion Ratio	Lower	Upper	
91	100		
126	36.6	18.1	54.3





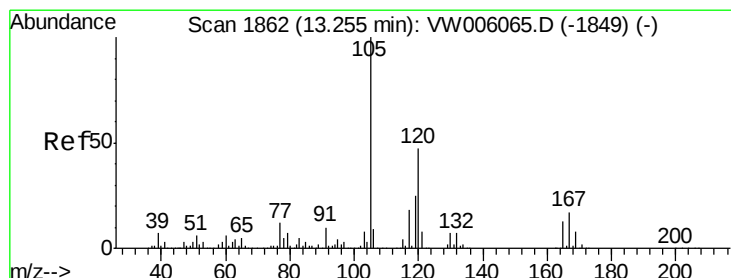
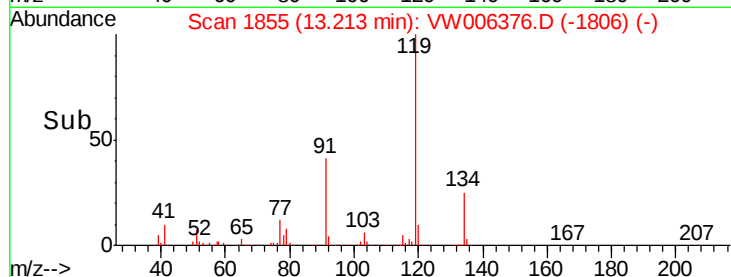
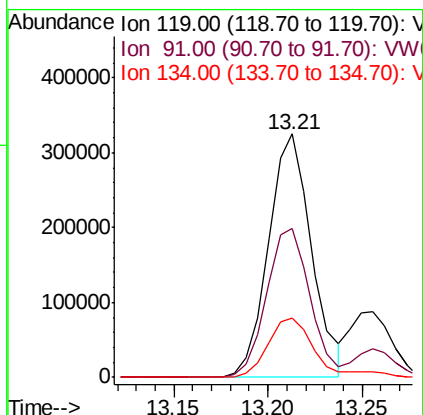
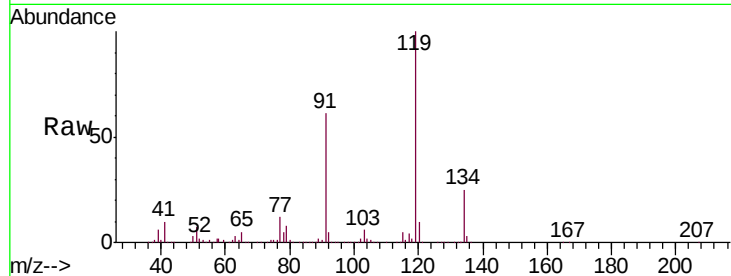
#83
tert-Butylbenzene
Concen: 56.099 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.6	32.3	96.9
134	25.1	13.6	40.8

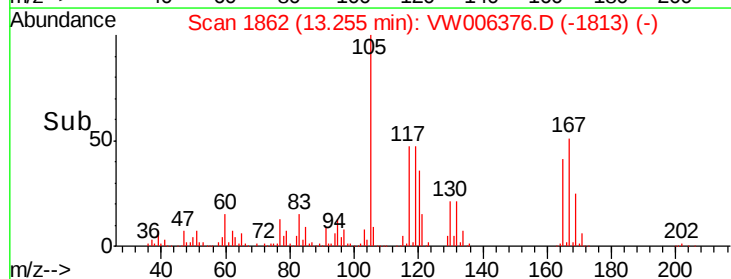
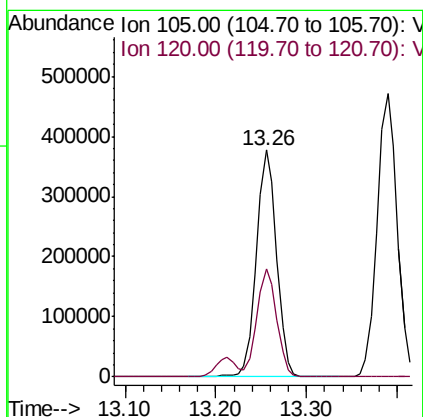
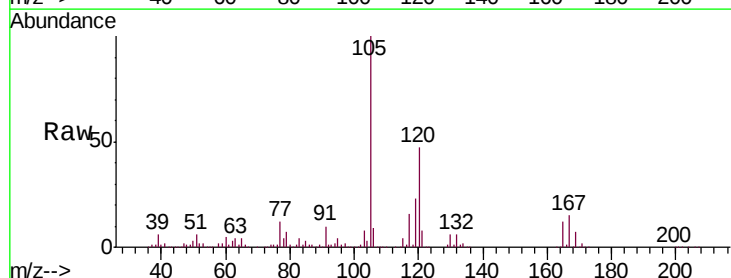
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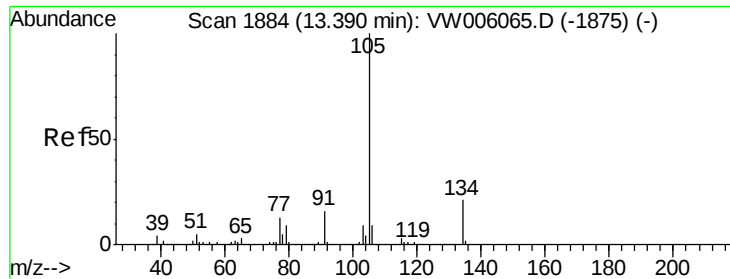
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#84
1,2,4-Trimethylbenzene
Concen: 55.854 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.3





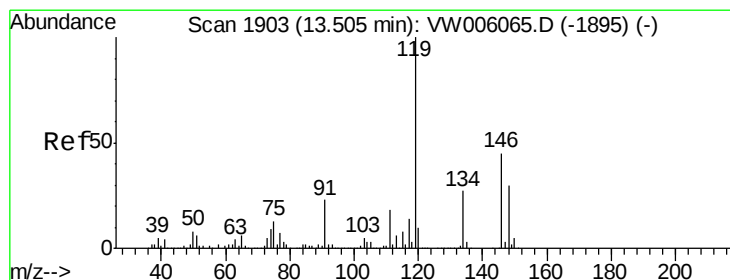
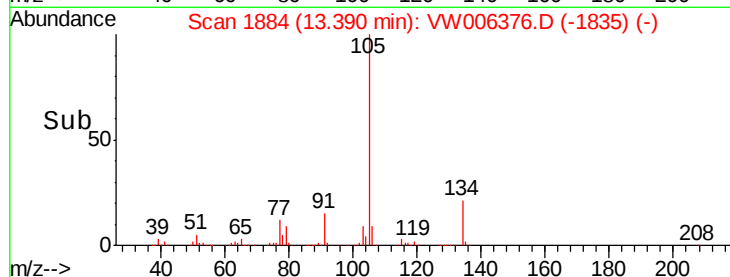
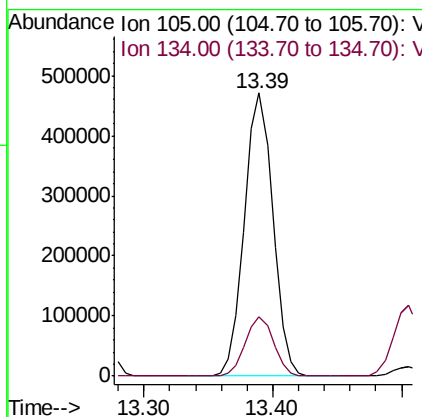
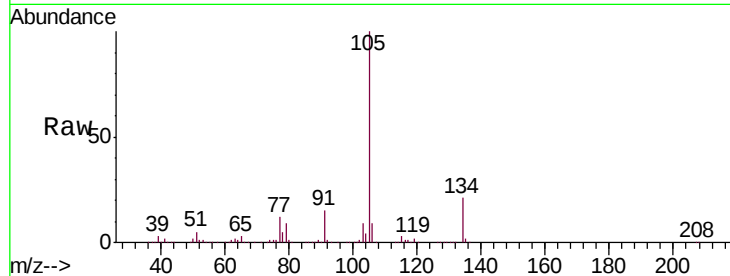
#85
 sec-Butylbenzene
 Concen: 55.474 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 719348
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.6

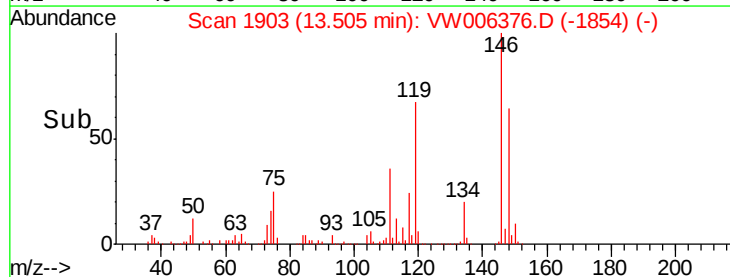
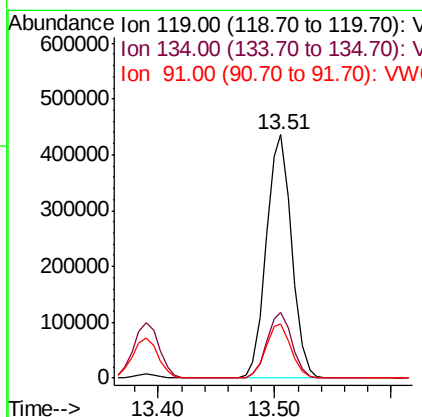
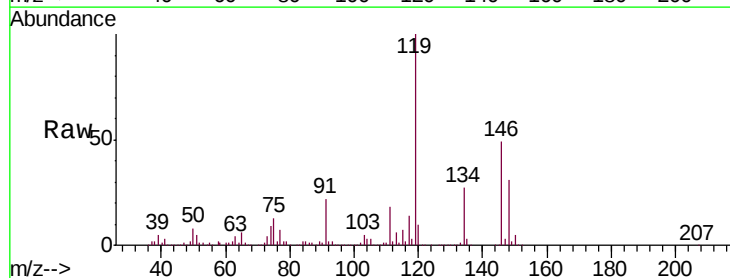
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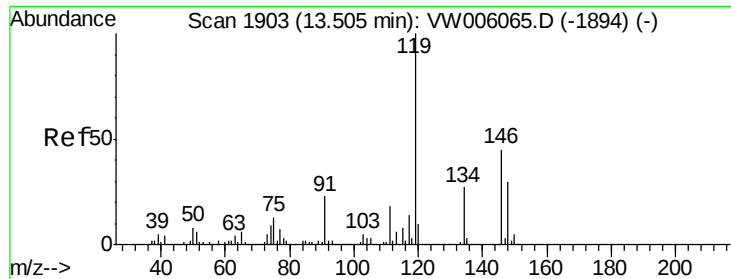
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#86
 p-Isopropyltoluene
 Concen: 55.965 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Tgt Ion:119 Resp: 656409
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 22.3 11.4 34.1





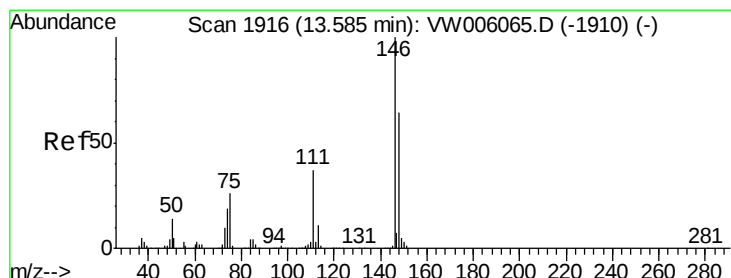
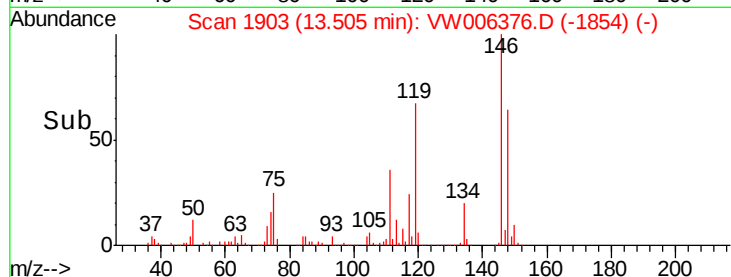
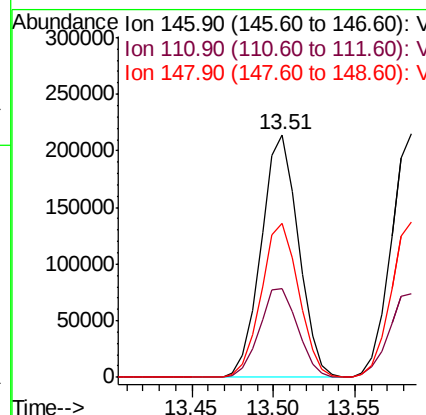
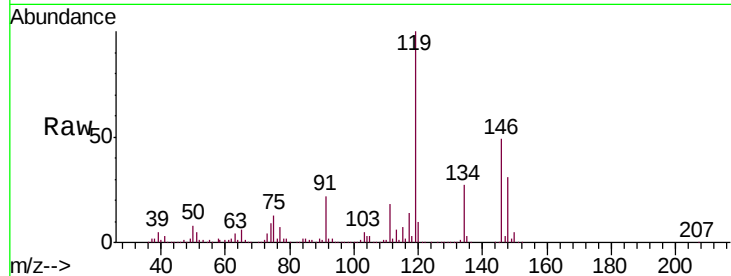
#87
 1,3-Dichlorobenzene
 Concen: 57.148 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.5
148	63.9	32.0	96.2

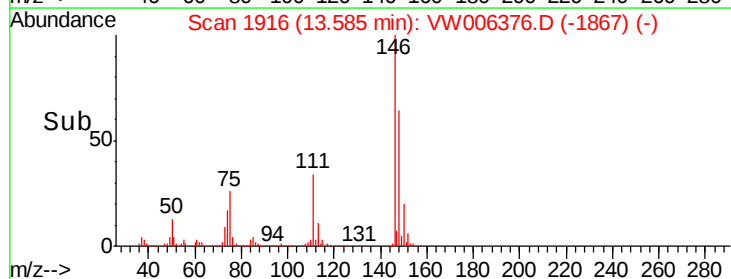
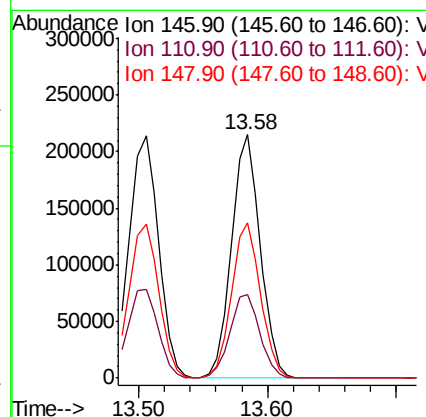
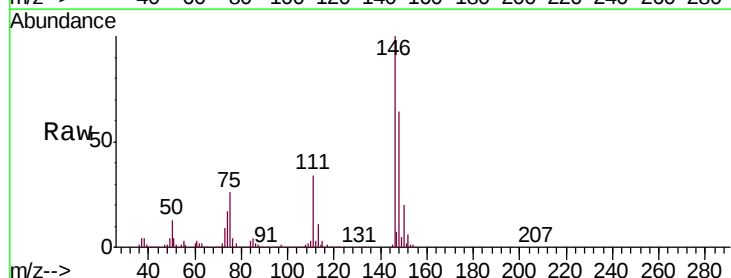
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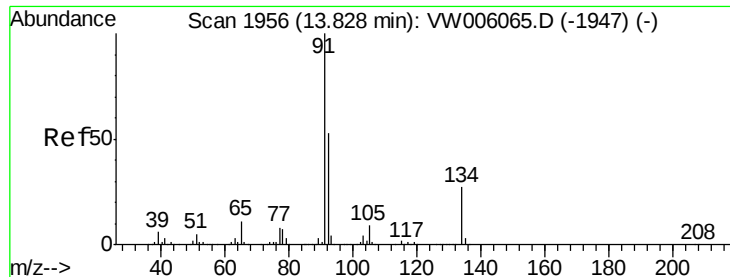
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#88
 1,4-Dichlorobenzene
 Concen: 56.974 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.6	56.0
148	64.2	32.1	96.5





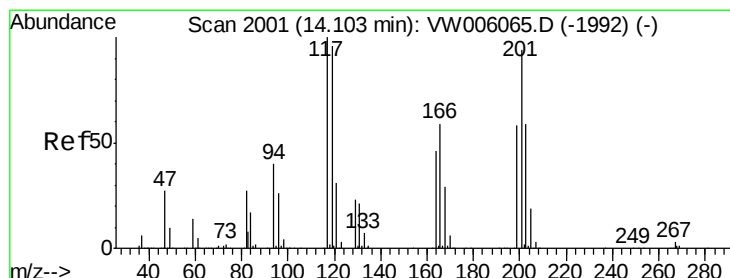
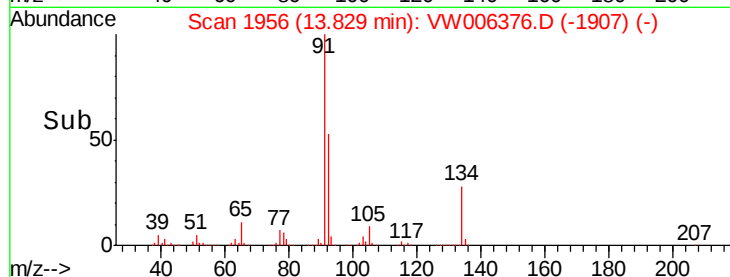
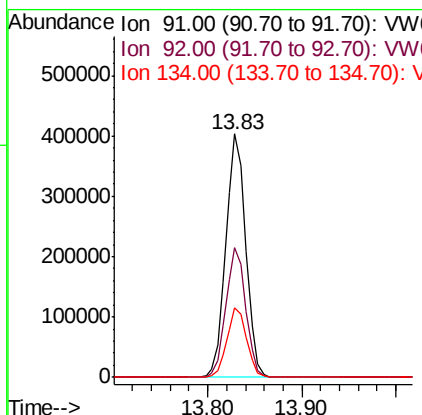
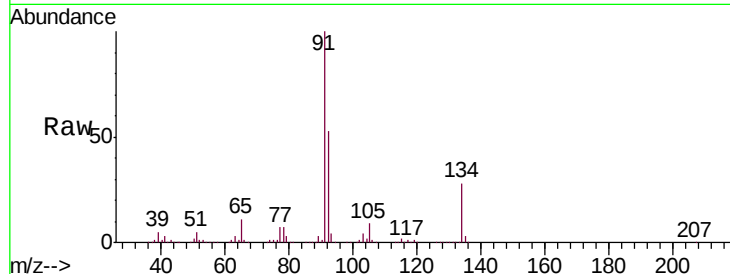
#89
n-Butylbenzene
Concen: 54.835 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.7
134	28.5	14.0	41.9

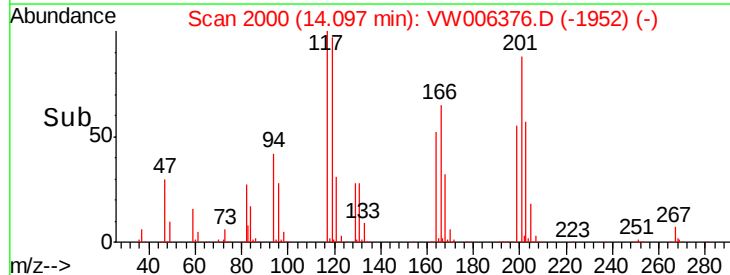
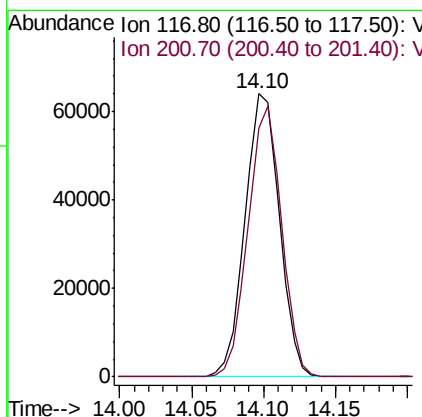
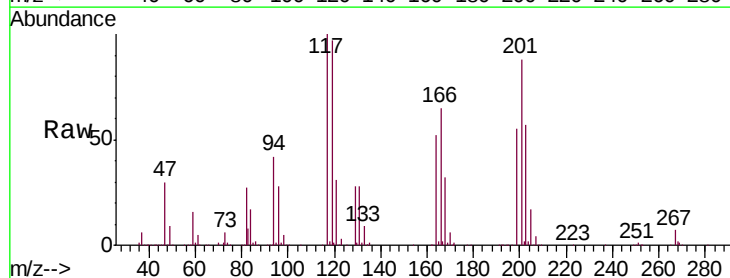
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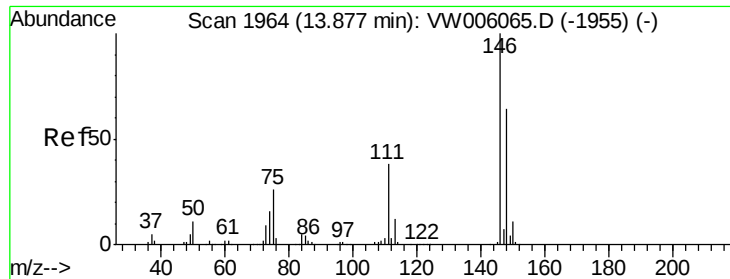
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#90
Hexachloroethane
Concen: 53.299 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.2	45.3	135.9





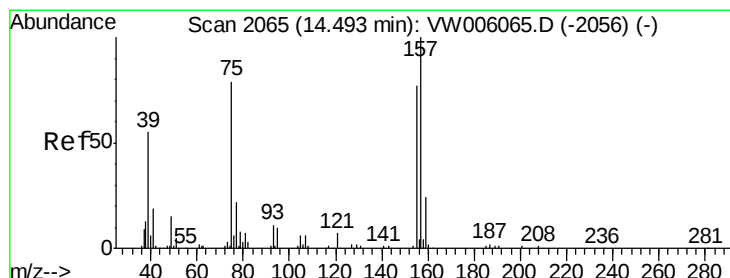
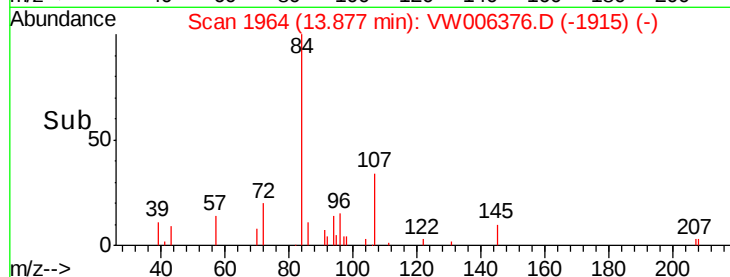
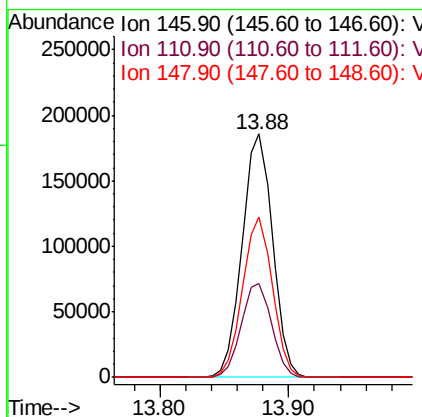
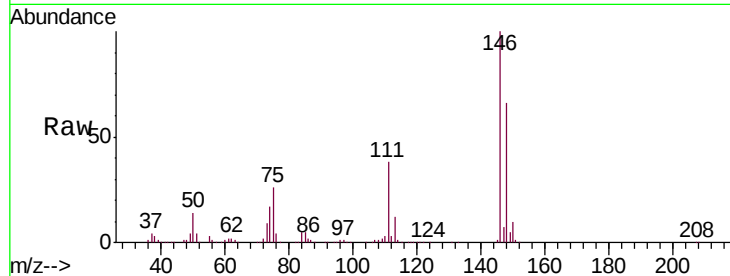
#91
 1,2-Dichlorobenzene
 Concen: 57.266 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.6	58.7
148	64.5	32.2	96.6

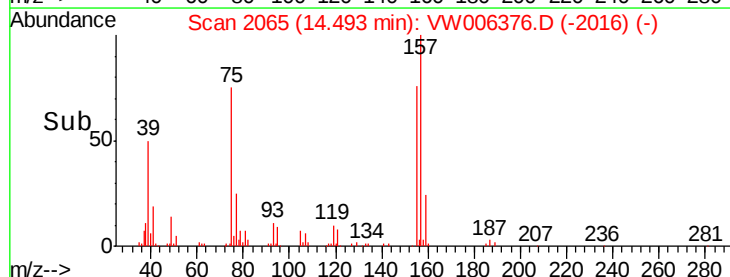
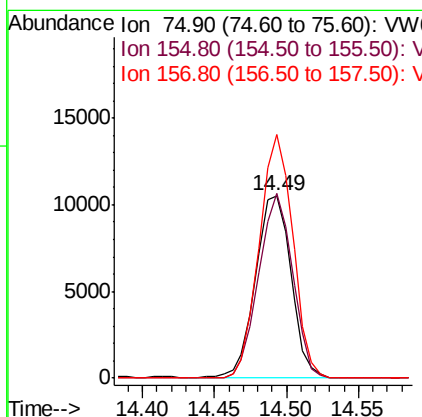
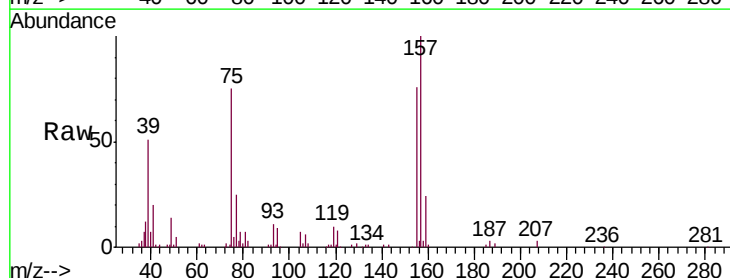
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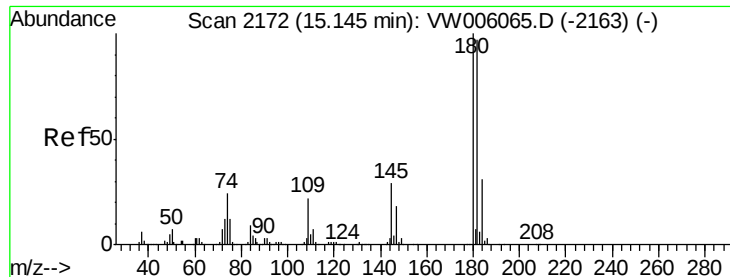
apatel
 10/26/2018 11:51:23 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.329 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006376.D
 Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.7	46.5	139.5
157	125.9	59.8	179.4





#93

1,2,4-Trichlorobenzene

Concen: 56.614 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.01 min

Lab File: VW006376.D

Acq: 25 Oct 2018 23:07

Instrument :

MSVOA_W

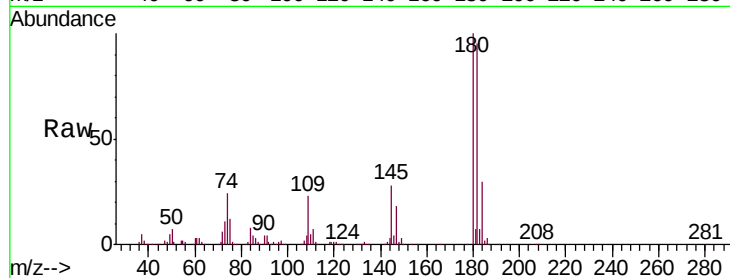
ClientSampleId :

VSTDCCC050

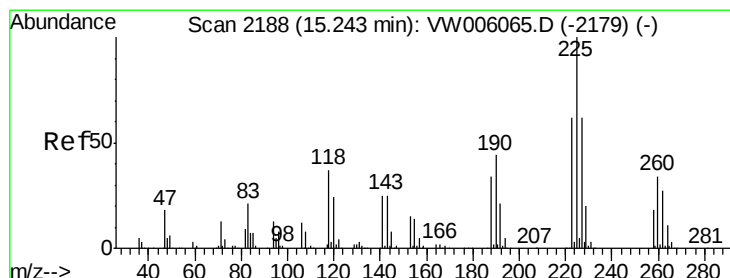
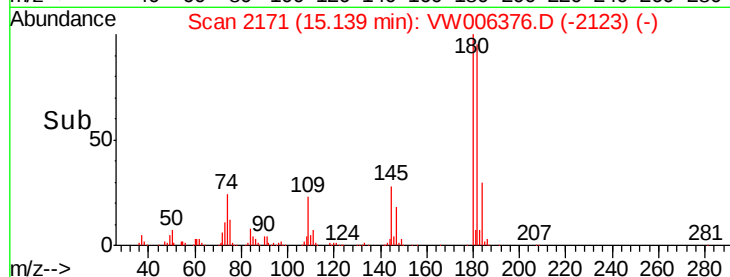
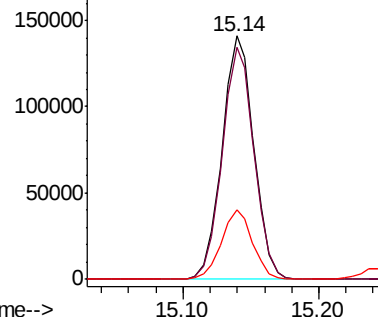
Tgt Ion:	180	Resp:	230499
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.9	143.6
145	28.1	14.2	42.8

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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: 55.124 ug/l

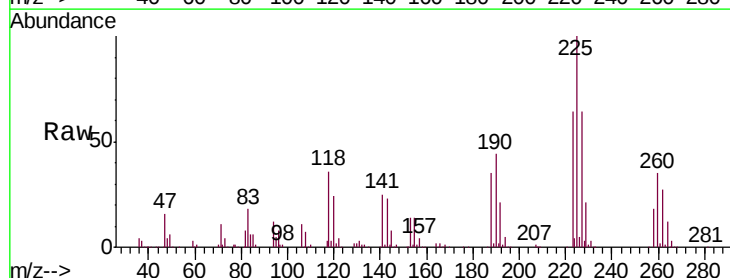
RT: 15.24 min Scan# 2188

Delta R.T. 0.00 min

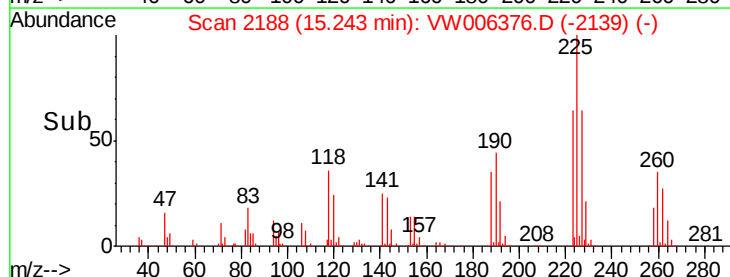
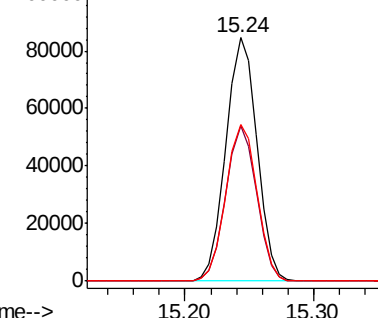
Lab File: VW006376.D

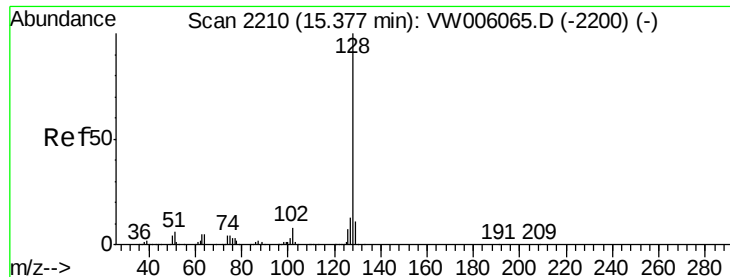
Acq: 25 Oct 2018 23:07

Tgt Ion:	225	Resp:	140987
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.1	93.5
227	64.8	32.4	97.0



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





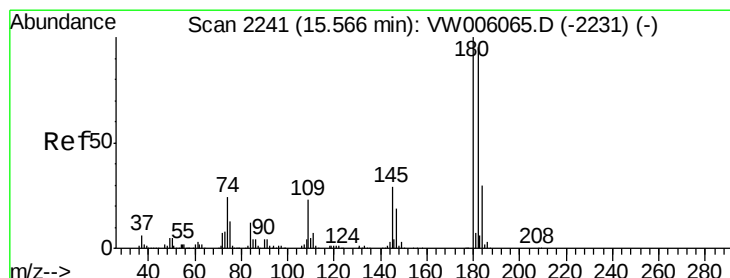
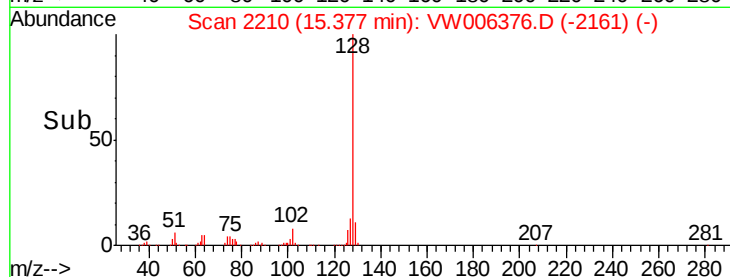
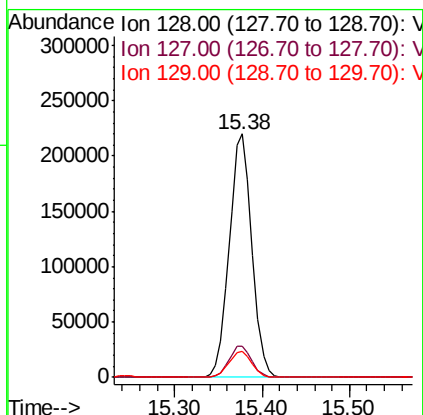
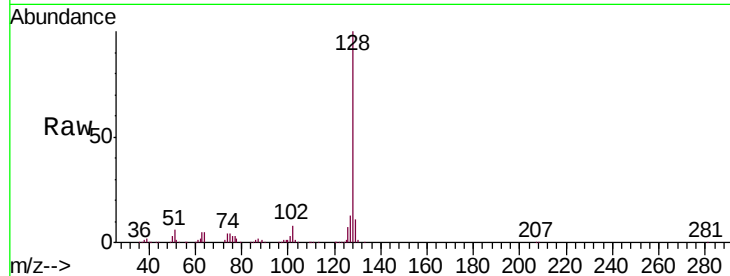
#95
Naphthalene
Concen: 58.062 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	393244		
127	12.9	10.3	15.5	
129	10.9	8.7	13.1	

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#96
1,2,3-Trichlorobenzene
Concen: 57.384 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006376.D
Acq: 25 Oct 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	202081		
182	95.6	47.8	143.3	
145	29.9	15.0	45.1	

