

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005680.D
 Acq On : 27 Sep 2018 04:02
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 9/27/2018 10:33:57 AM

Quant Time: Sep 27 07:55:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	364873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	361876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190547	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	140347	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
35) Dibromofluoromethane	7.89	113	123263	53.72	ug/l	0.00
Spiked Amount			Recovery	=	107.44%	
50) Toluene-d8	10.33	98	524038	56.09	ug/l	0.00
Spiked Amount			Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.62	95	196968	56.97	ug/l	0.00
Spiked Amount			Recovery	=	113.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	76854	53.255	ug/l	97
3) Chloromethane	2.21	50	94136	48.609	ug/l	96
4) Vinyl Chloride	2.37	62	141258	61.022	ug/l	100
5) Bromomethane	2.78	94	84382	53.940	ug/l	96
6) Chloroethane	2.93	64	80733	54.352	ug/l	97
7) Trichlorofluoromethane	3.26	101	82555	45.598	ug/l	99
8) Diethyl Ether	3.68	74	70141	59.307	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	130276	56.844	ug/l	97
10) Methyl Iodide	4.27	142	211752	60.079	ug/l	96
11) Tert butyl alcohol	5.21	59	45872	313.642	ug/l	100
12) 1,1-Dichloroethene	4.04	96	130109	59.299	ug/l	96
13) Acrolein	3.90	56	25077	256.407	ug/l	97
14) Allyl chloride	4.67	41	222416	58.085	ug/l	99
15) Acrylonitrile	5.37	53	156906	298.813	ug/l	99
16) Acetone	4.14	43	128182	288.755	ug/l	93
17) Carbon Disulfide	4.38	76	417107	60.844	ug/l	99
18) Methyl Acetate	4.68	43	77748	57.799	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	202678	59.847	ug/l	98
20) Methylene Chloride	4.91	84	156110	67.120	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	142870	59.451	ug/l	98
22) Diisopropyl ether	6.31	45	414561	55.771	ug/l	98
23) Vinyl Acetate	6.26	43	1199171	282.247	ug/l	98
24) 1,1-Dichloroethane	6.22	63	247268	53.841	ug/l	100
25) 2-Butanone	7.18	43	185974	269.797	ug/l	99
26) 2,2-Dichloropropane	7.17	77	145187	45.283	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	150613	56.822	ug/l	97
28) Bromochloromethane	7.51	49	89223	49.046	ug/l	99
29) Tetrahydrofuran	7.54	42	123255	286.216	ug/l	98
30) Chloroform	7.68	83	264114	55.704	ug/l	96
31) Cyclohexane	7.95	56	234613	53.321	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	220379	52.615	ug/l	99
36) 1,1-Dichloropropene	8.09	75	206561	56.237	ug/l	99
37) Ethyl Acetate	7.26	43	85322	55.200	ug/l	98
38) Carbon Tetrachloride	8.07	117	207335	52.677	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	246234	56.821	ug/l	98
40) Benzene	8.32	78	572286	54.990	ug/l	100
41) Methacrylonitrile	7.49	41	57238	65.074	ug/l	94
42) 1,2-Dichloroethane	8.40	62	180146	54.066	ug/l	98
43) Isopropyl Acetate	8.43	43	170168	55.994	ug/l	99
44) Trichloroethene	9.10	130	146314	54.926	ug/l	98
45) 1,2-Dichloropropane	9.37	63	139643	54.541	ug/l	97
46) Dibromomethane	9.46	93	70600	55.188	ug/l	98
47) Bromodichloromethane	9.65	83	183656	53.443	ug/l	98
48) Methyl methacrylate	9.44	41	83335	57.734	ug/l	95
49) 1,4-Dioxane	9.48	88	23907	1175.441	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	488642	319.243	ug/l	100
52) Toluene	10.39	92	393648	60.621	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	201336	58.443	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	227235	58.871	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	109956	60.552	ug/l	99
56) Ethyl methacrylate	10.65	69	146796	65.486	ug/l	97
57) 1,3-Dichloropropane	10.94	76	194991	60.587	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	279175	274.738	ug/l	100
59) 2-Hexanone	10.98	43	322514	310.171	ug/l	96
60) Dibromochloromethane	11.13	129	130743	59.589	ug/l	99
61) 1,2-Dibromoethane	11.24	107	102160	60.340	ug/l	97
64) Tetrachloroethene	10.87	164	152641	59.431	ug/l	98
65) Chlorobenzene	11.66	112	425297	55.361	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	143980	52.074	ug/l	95
67) Ethyl Benzene	11.73	91	750014	55.003	ug/l	97
68) m/p-Xylenes	11.85	106	584138	113.387	ug/l	99
69) o-Xylene	12.17	106	277543	57.524	ug/l	99
70) Styrene	12.19	104	469333	57.803	ug/l	99
71) Bromoform	12.35	173	82612	56.289	ug/l #	99
73) Isopropylbenzene	12.47	105	782703	59.233	ug/l	100
74) N-amyl acetate	12.28	43	183264	61.248	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	127553	58.114	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	85918m	52.896	ug/l	
77) Bromobenzene	12.75	156	176199	56.892	ug/l	99
78) n-propylbenzene	12.81	91	931210	58.208	ug/l	99
79) 2-Chlorotoluene	12.90	91	531511	57.425	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	670305	58.338	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	40945	56.776	ug/l	94
82) 4-Chlorotoluene	12.99	91	561808	57.448	ug/l	99
83) tert-Butylbenzene	13.21	119	568585	58.902	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	653624	56.371	ug/l	96
85) sec-Butylbenzene	13.39	105	795026	56.787	ug/l	99
86) p-Isopropyltoluene	13.51	119	713428	56.853	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	346727	54.751	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	336331	53.400	ug/l	99
89) n-Butylbenzene	13.83	91	681752	57.599	ug/l	99
90) Hexachloroethane	14.10	117	129320	56.859	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	313147	56.015	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22876	54.704	ug/l	98

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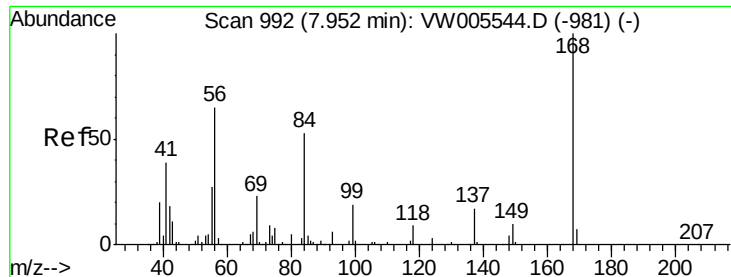
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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	228149	57.209	ug/l	100
94) Hexachlorobutadiene	15.24	225	140605	54.422	ug/l	99
95) Naphthalene	15.38	128	423773	63.174	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	205556	58.488	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 240911

Ion Ratio Lower Upper

168 100

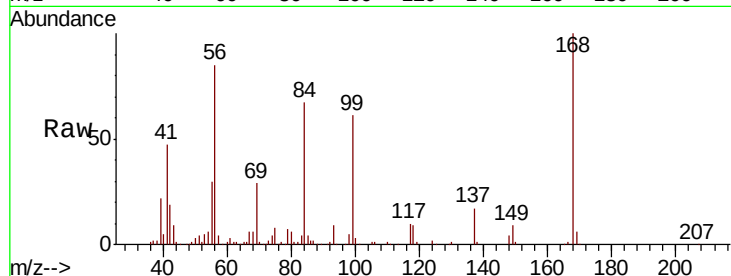
99 60.8 48.4 72.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

20000

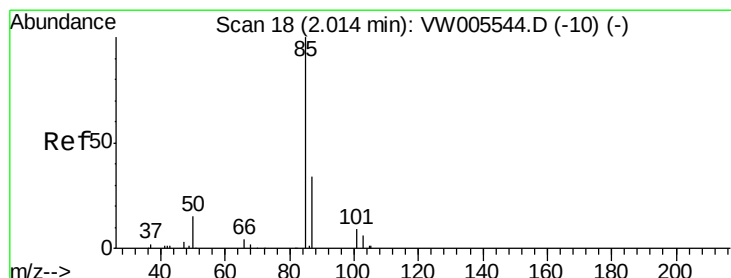
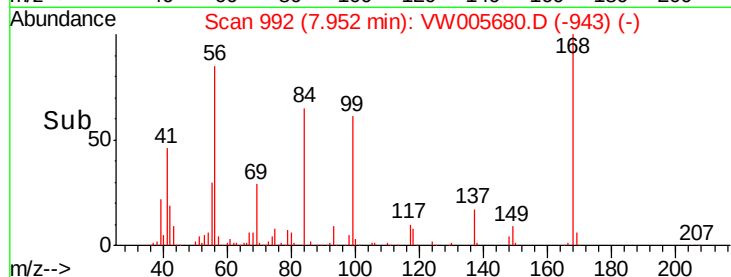
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 53.255 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005680.D

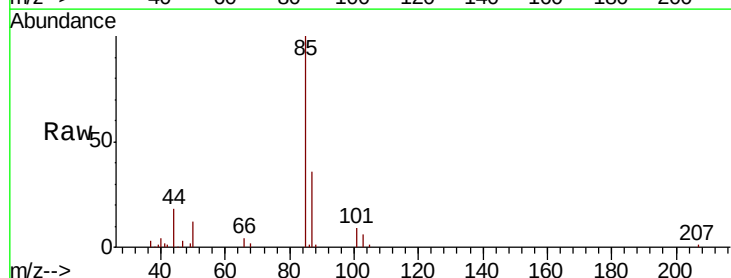
Acq: 27 Sep 2018 04:02

Tgt Ion: 85 Resp: 76854

Ion Ratio Lower Upper

85 100

87 35.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

15000

10000

5000

0

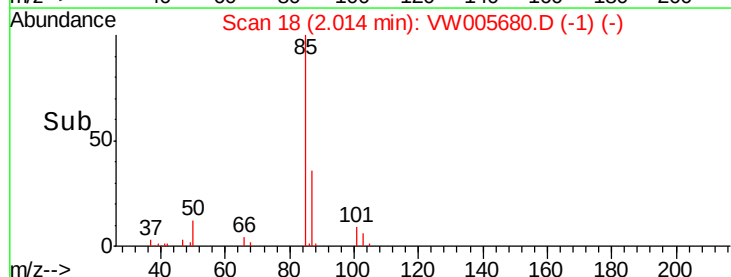
1.90

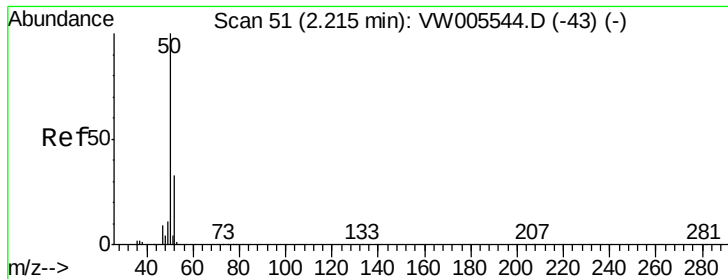
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 48.609 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 94136

Ion Ratio Lower Upper

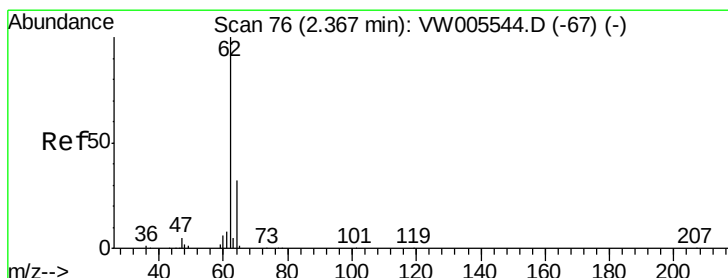
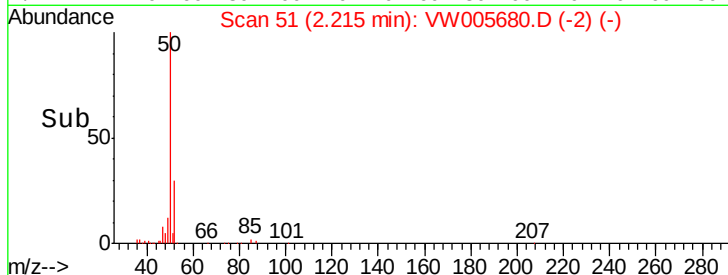
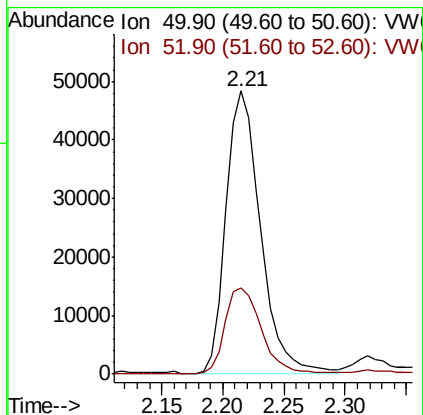
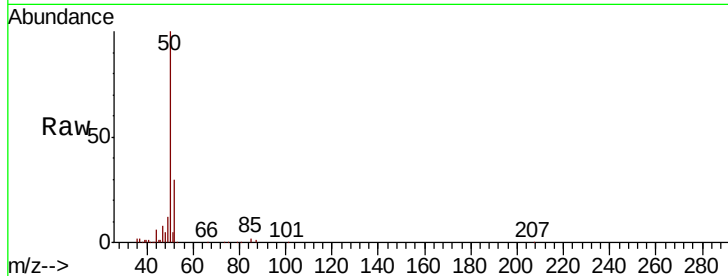
50 100

52 30.6 26.2 39.4

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#4

Vinyl Chloride

Concen: 61.022 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005680.D

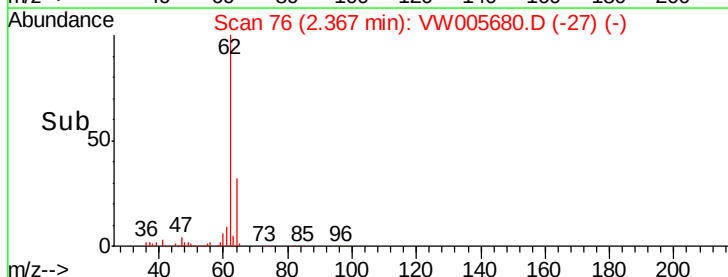
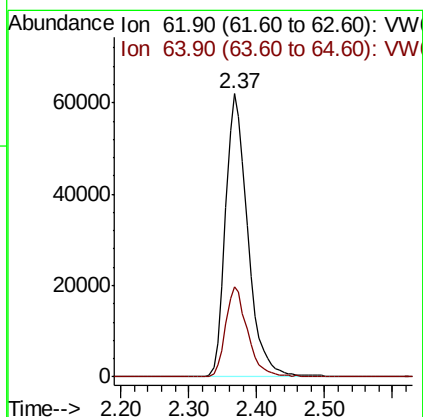
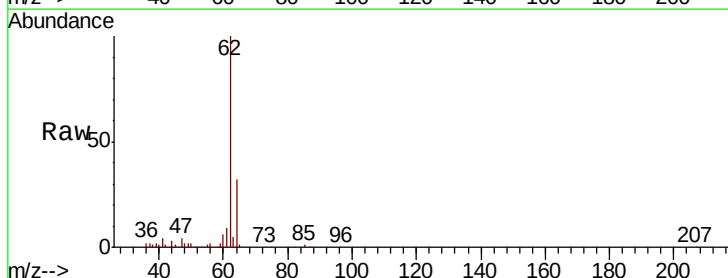
Acq: 27 Sep 2018 04:02

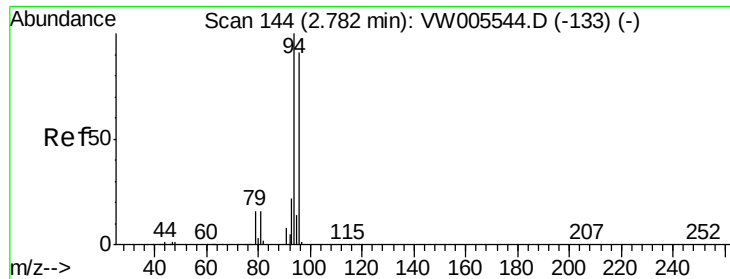
Tgt Ion: 62 Resp: 141258

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 53.940 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 84382

Ion Ratio Lower Upper

94 100

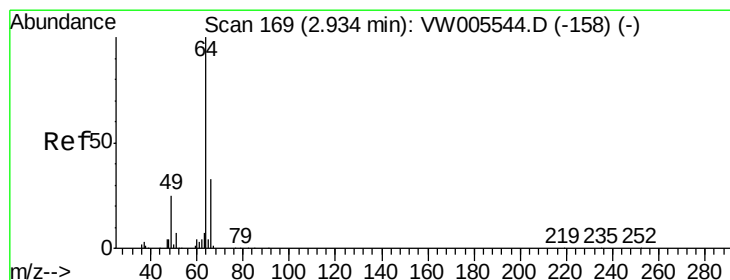
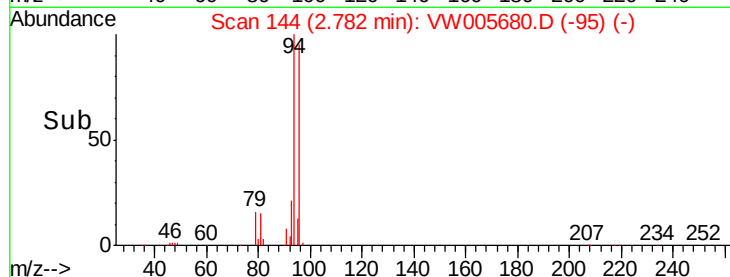
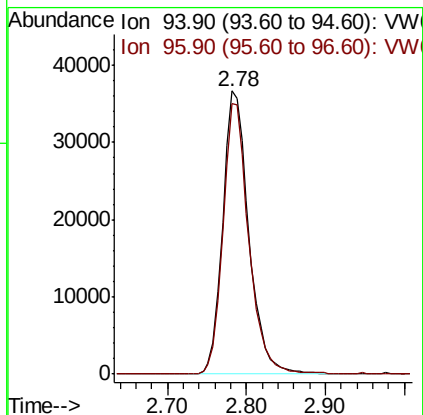
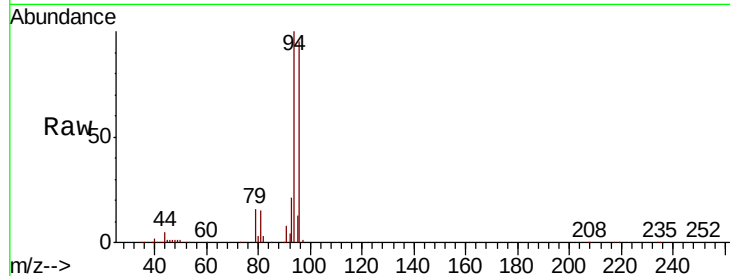
96 95.5 73.1 109.7

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#6

Chloroethane

Concen: 54.352 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005680.D

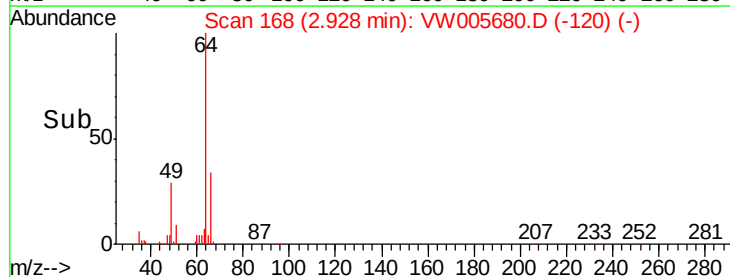
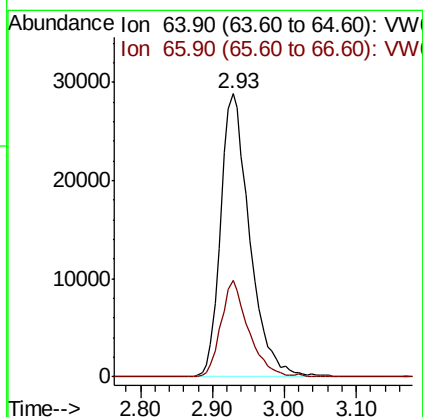
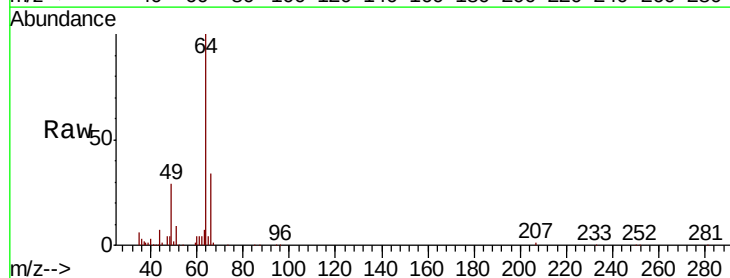
Acq: 27 Sep 2018 04:02

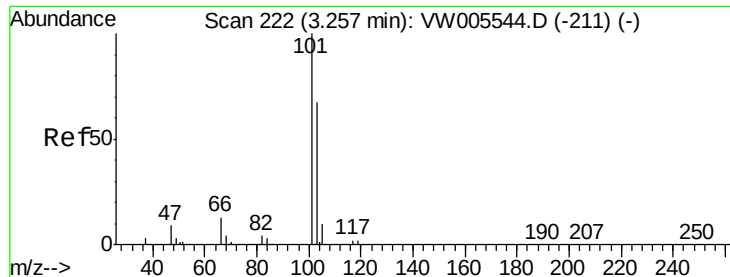
Tgt Ion: 64 Resp: 80733

Ion Ratio Lower Upper

64 100

66 34.3 26.0 39.0





#7

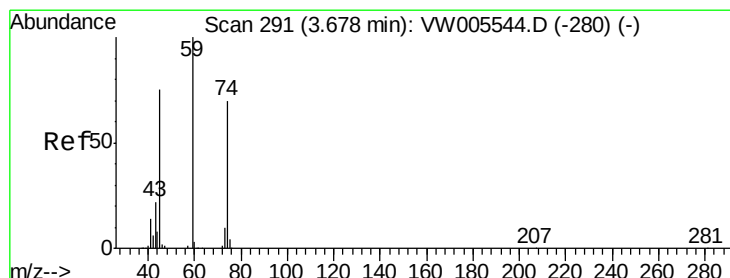
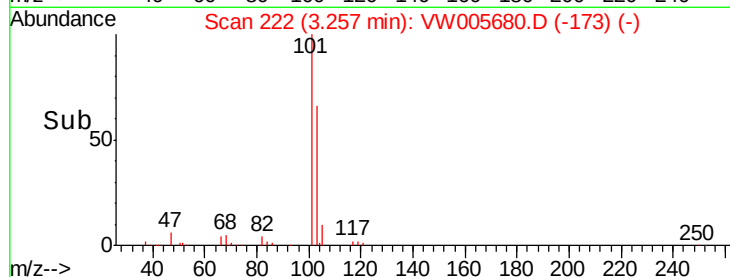
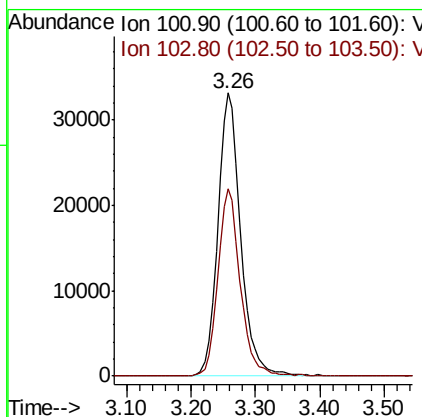
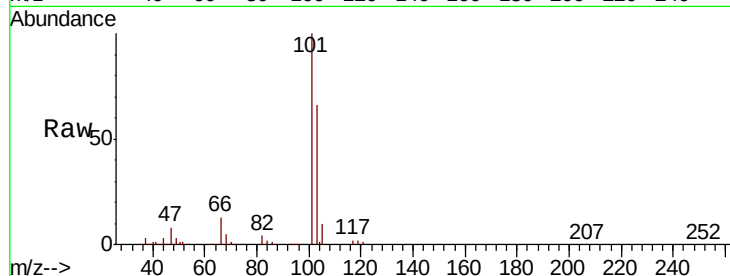
Trichlorofluoromethane
Concen: 45.598 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	53.2	79.8

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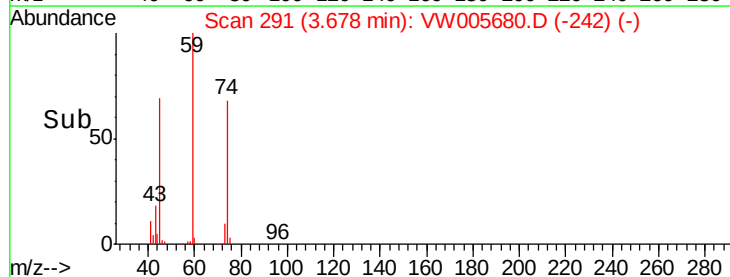
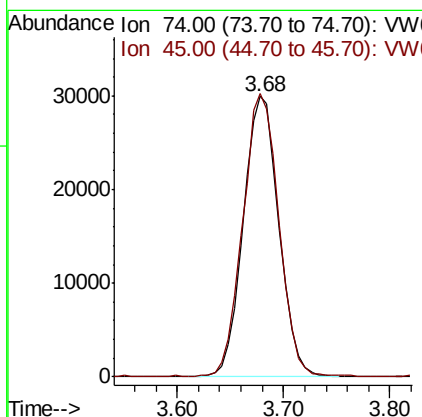
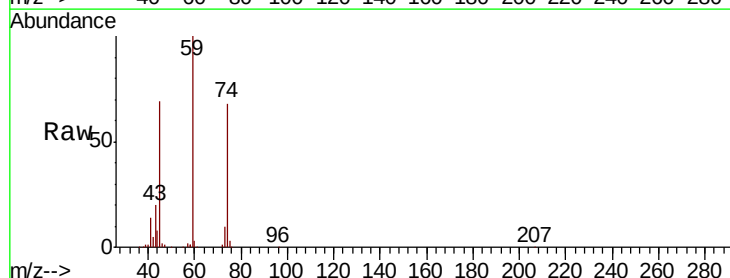
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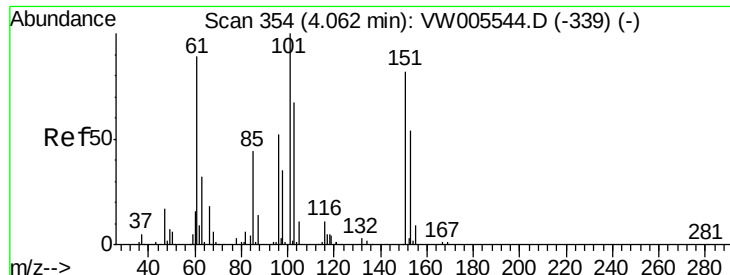


#8

Diethyl Ether
Concen: 59.307 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.7	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.844 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

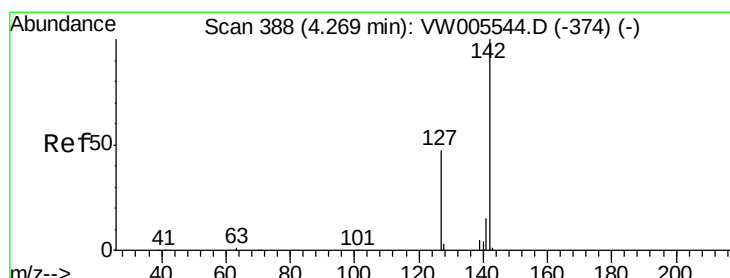
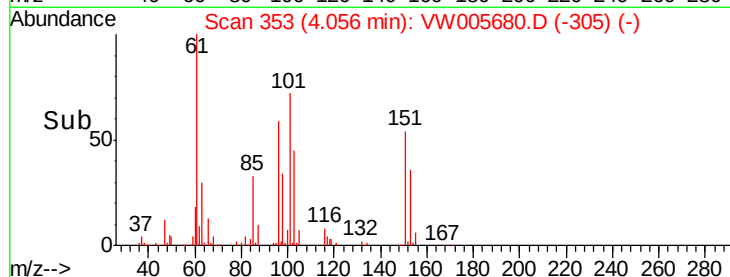
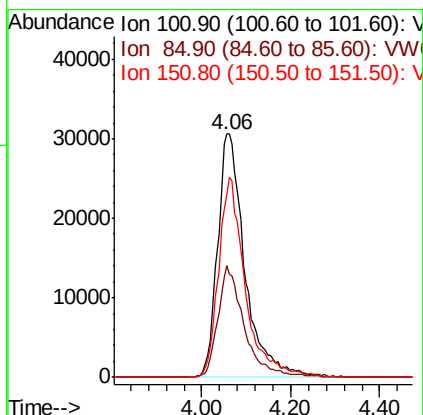
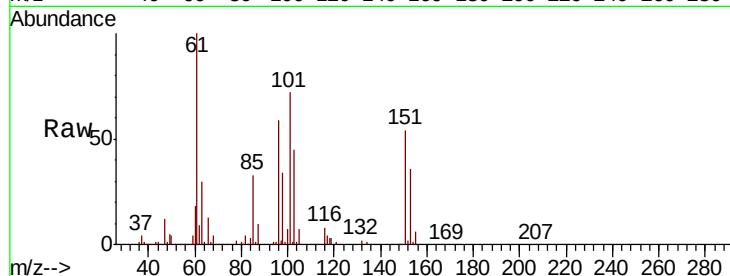
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	130276
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.4	54.6
151	79.4	65.8	98.6

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#10

Methyl Iodide

Concen: 60.079 ug/l

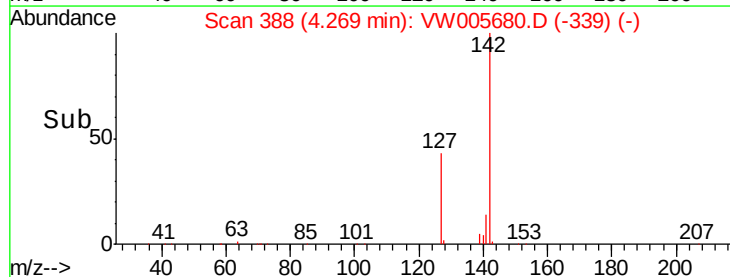
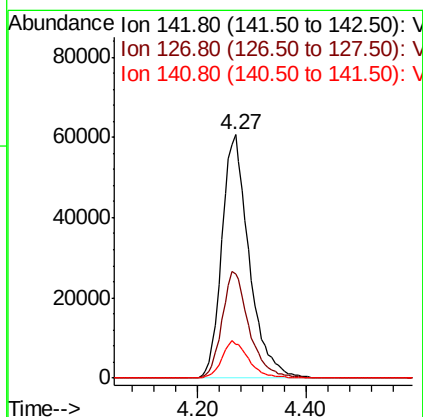
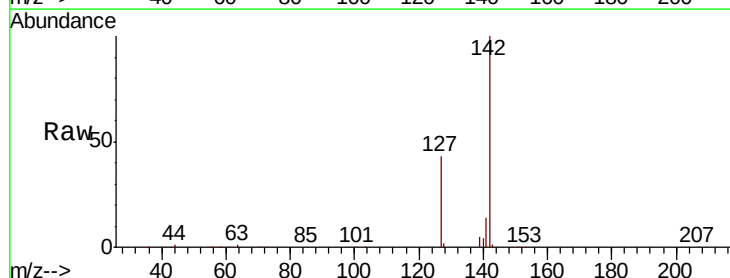
RT: 4.27 min Scan# 388

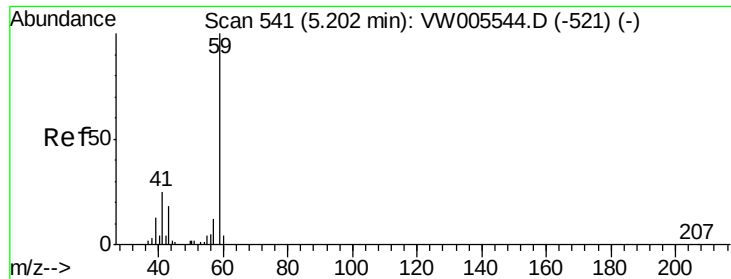
Delta R.T. -0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Tgt Ion:	142	Resp:	211752
Ion Ratio	Lower	Upper	
142	100		
127	43.3	37.4	56.0
141	14.9	11.9	17.9





#11

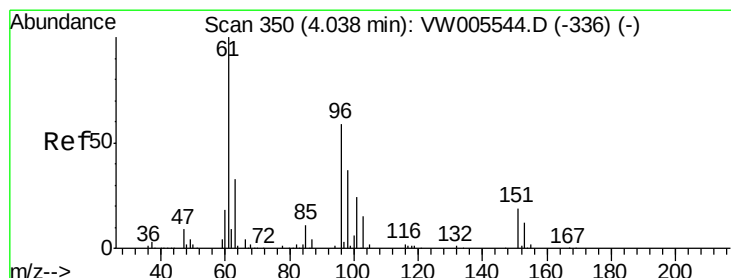
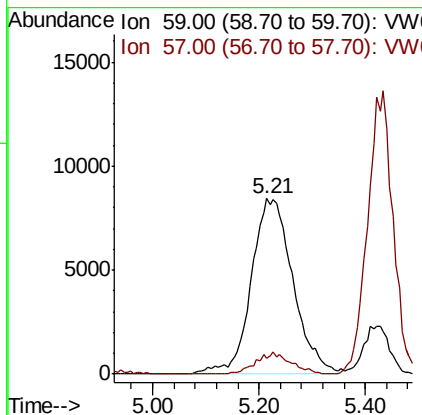
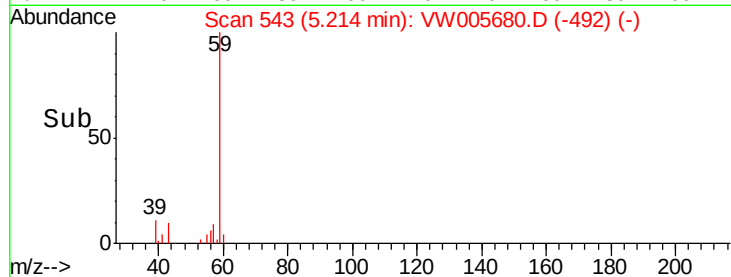
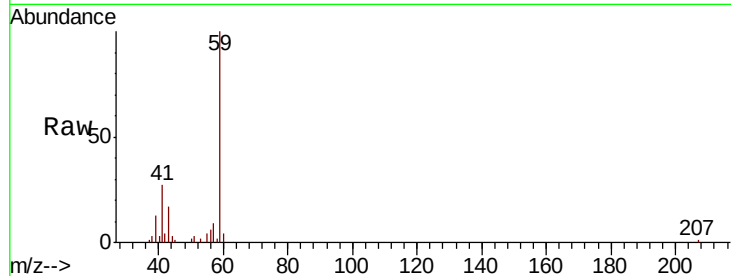
Tert butyl alcohol
Concen: 313.642 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

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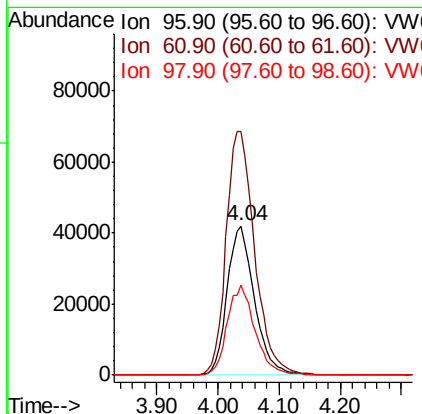
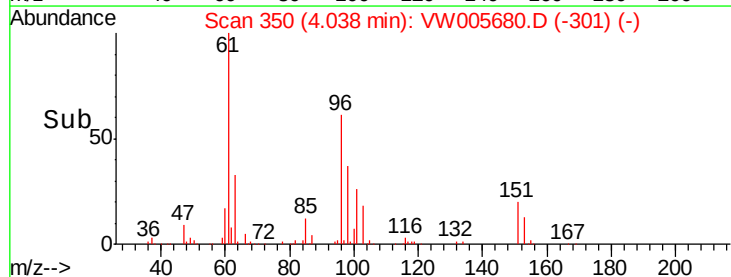
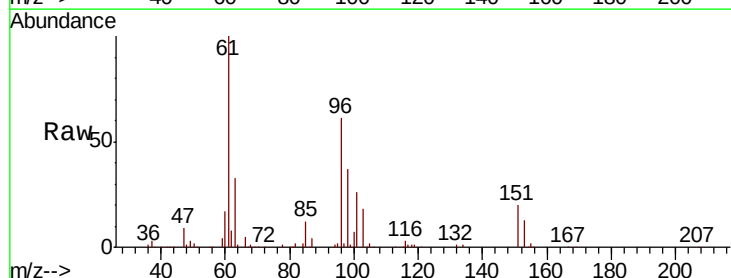
apatel
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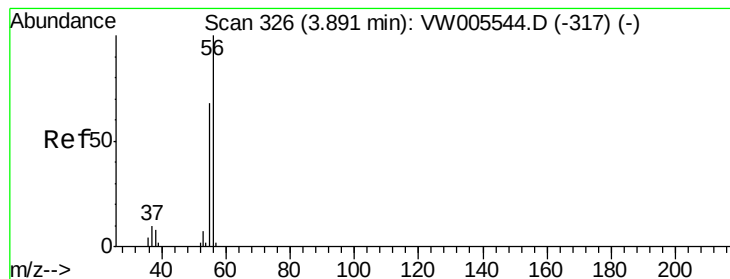


#12

1,1-Dichloroethene
Concen: 59.299 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.2	135.0	202.6
98	60.3	50.6	76.0





#13

Acrolein

Concen: 256.407 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 25077

Ion Ratio Lower Upper

56 100

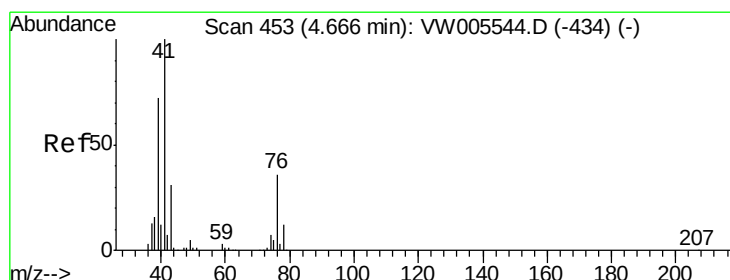
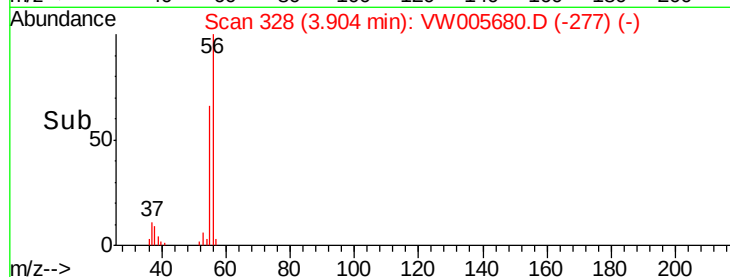
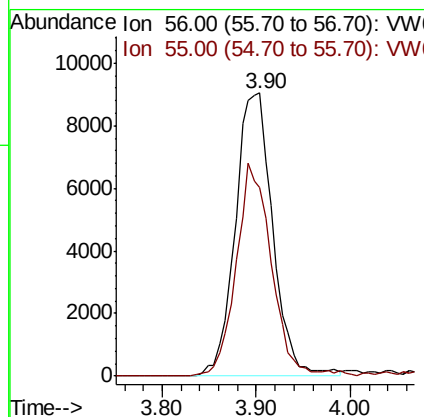
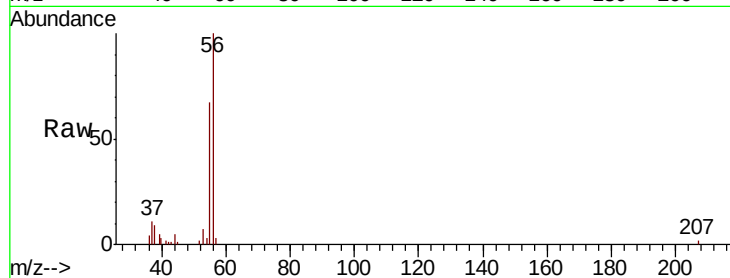
55 70.2 57.8 86.8

Manual Integrations

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#14

Allyl chloride

Concen: 58.085 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

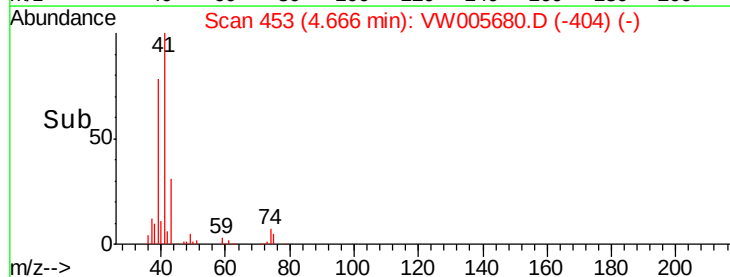
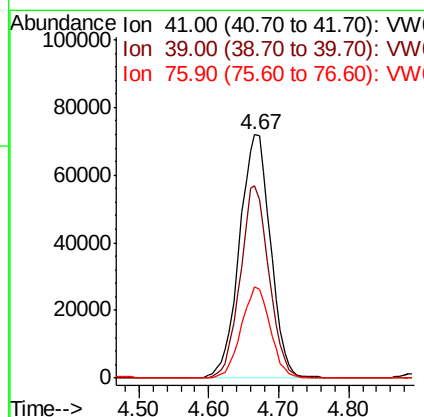
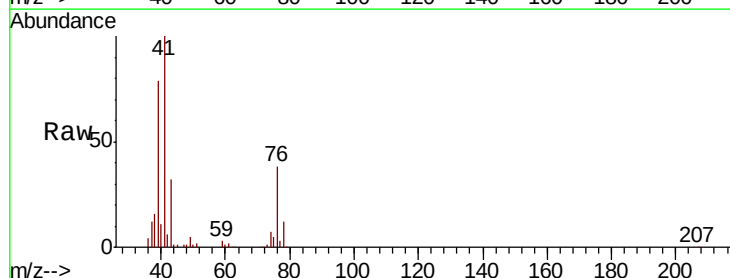
Tgt Ion: 41 Resp: 222416

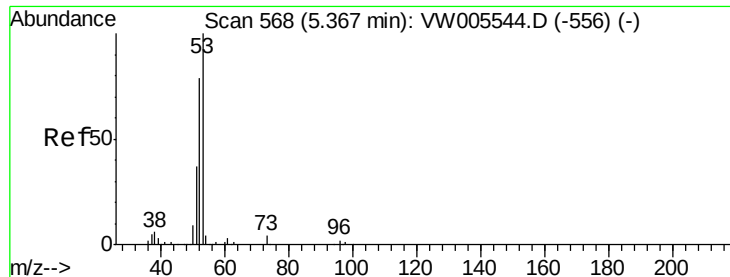
Ion Ratio Lower Upper

41 100

39 73.2 59.6 89.4

76 34.9 27.7 41.5





#15

Acrylonitrile

Concen: 298.813 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

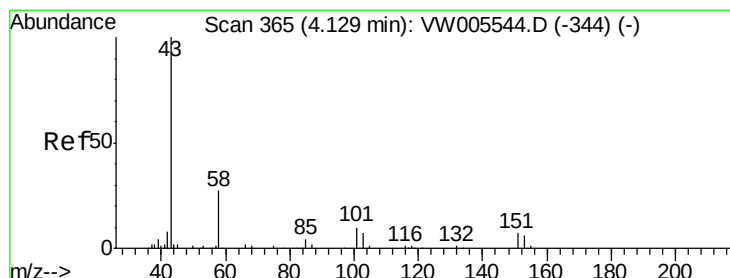
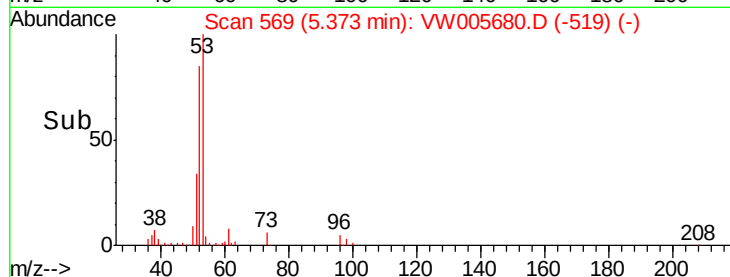
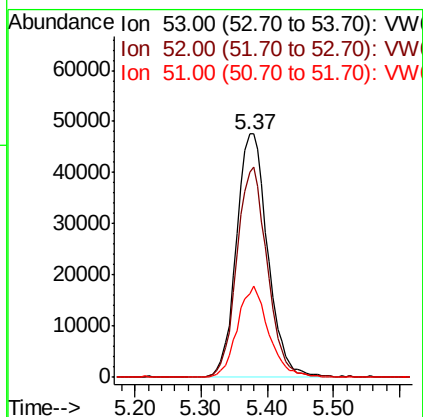
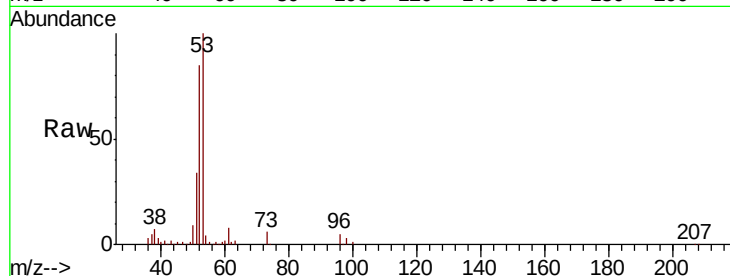
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	156906
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.5	99.7
51	37.5	30.6	46.0

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#16

Acetone

Concen: 288.755 ug/l

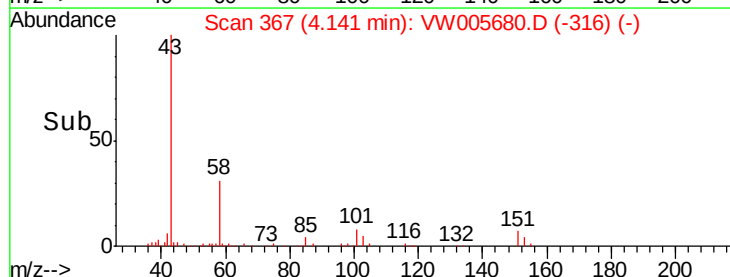
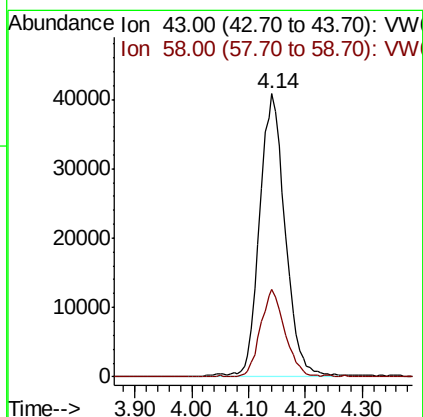
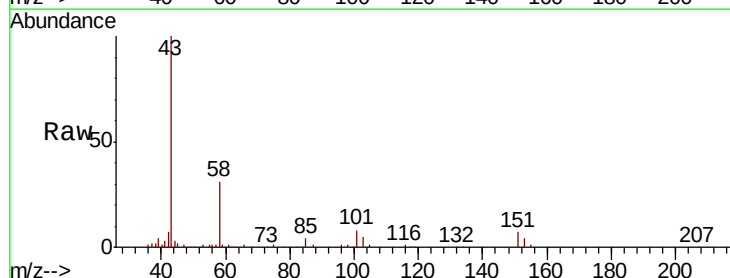
RT: 4.14 min Scan# 367

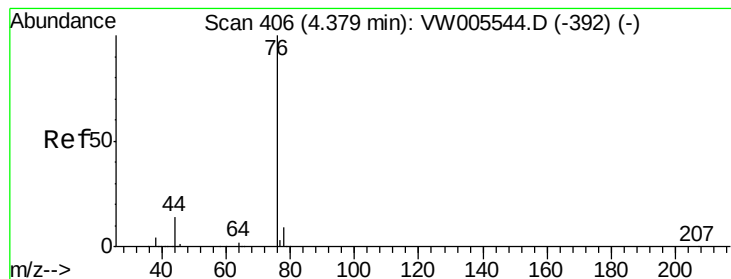
Delta R.T. 0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Tgt Ion:	43	Resp:	128182
Ion	Ratio	Lower	Upper
43	100		
58	30.9	21.8	32.8





#17

Carbon Disulfide

Concen: 60.844 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 417107

Ion Ratio Lower Upper

76 100

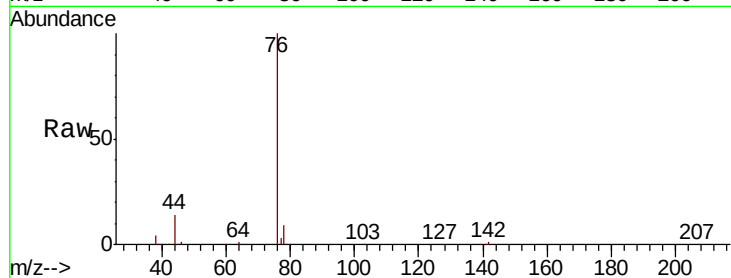
78 8.8 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

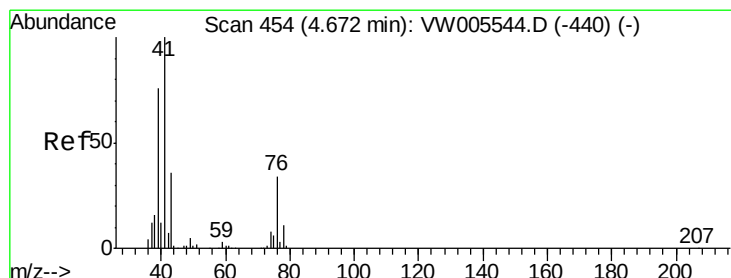
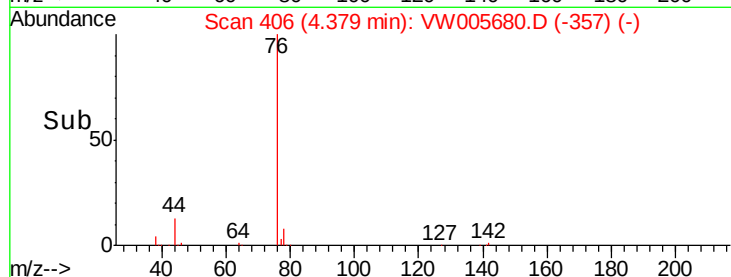
150000

100000

50000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 57.799 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005680.D

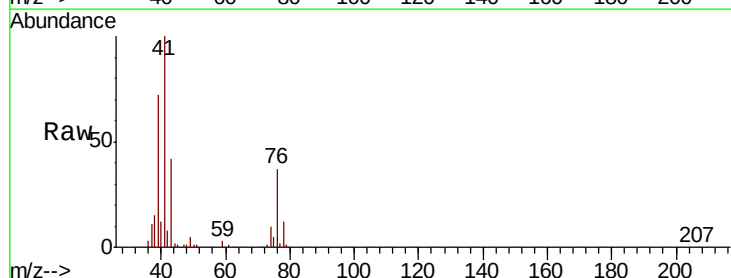
Acq: 27 Sep 2018 04:02

Tgt Ion: 43 Resp: 77748

Ion Ratio Lower Upper

43 100

74 23.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

30000

25000

20000

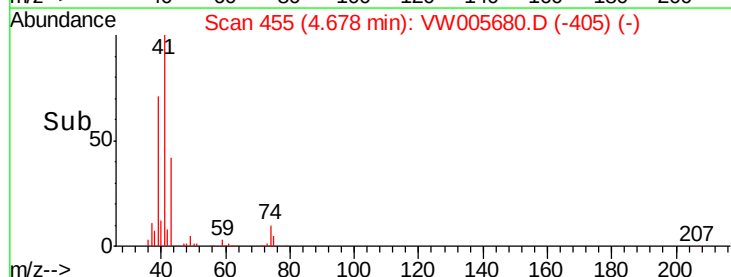
15000

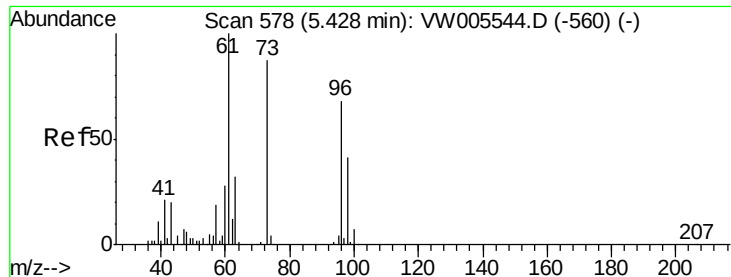
10000

5000

0

Time--> 4.60 4.70 4.80





#19

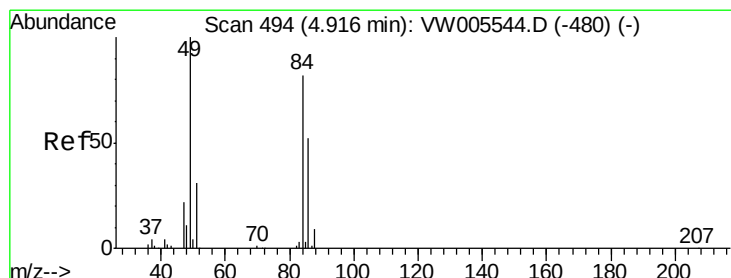
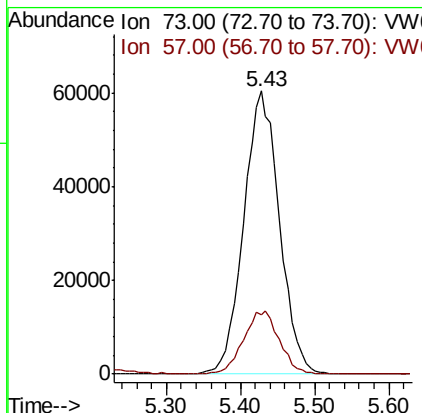
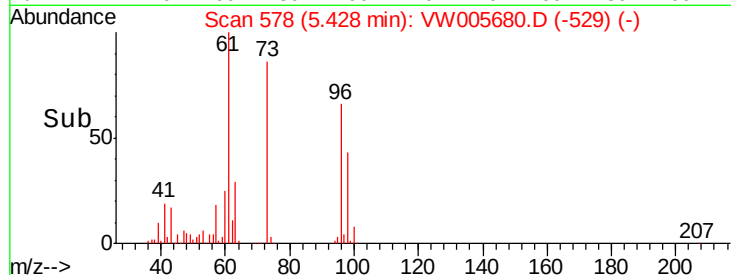
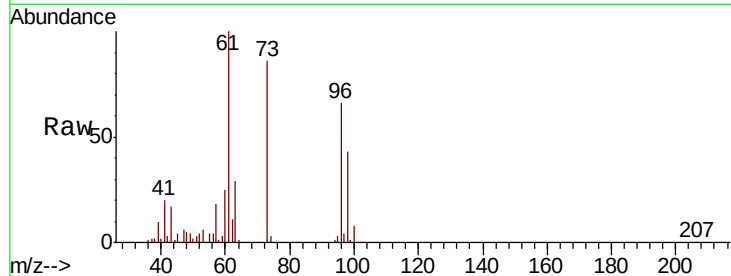
Methyl tert-butyl Ether
 Concen: 59.847 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.6	26.4

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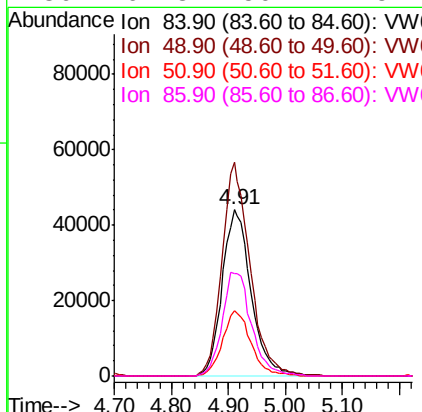
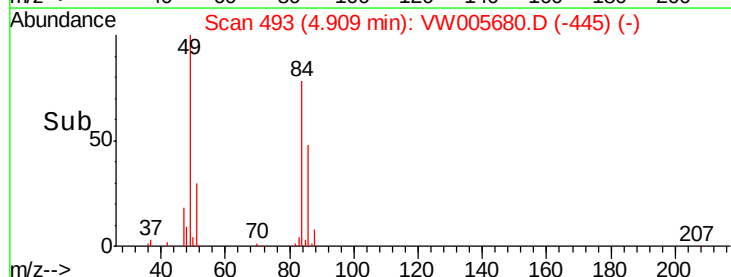
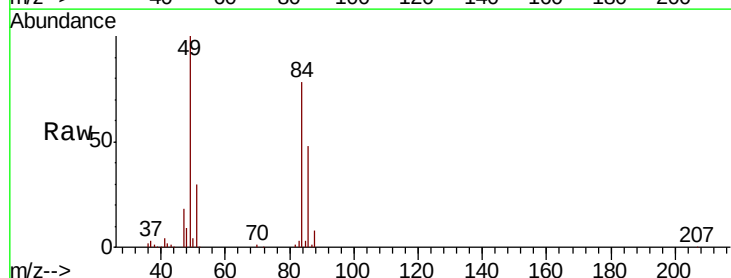
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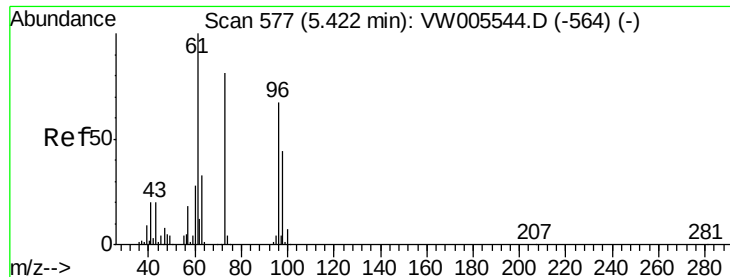


#20

Methylene Chloride
 Concen: 67.120 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.7	97.0	145.6
51	39.1	30.2	45.2
86	61.3	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 59.451 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

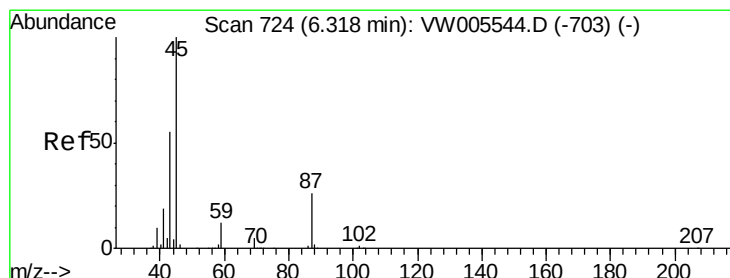
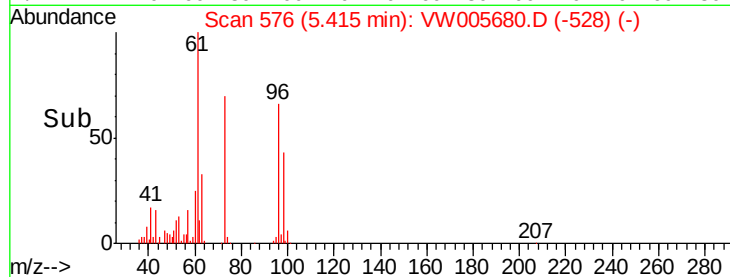
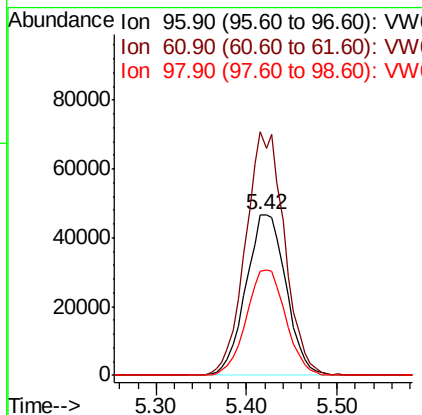
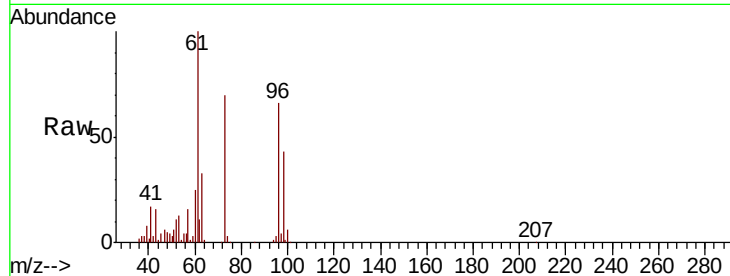
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	142870
Ion	Ratio	Lower	Upper
96	100		
61	151.4	118.9	178.3
98	64.8	52.1	78.1

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#22

Diisopropyl ether

Concen: 55.771 ug/l

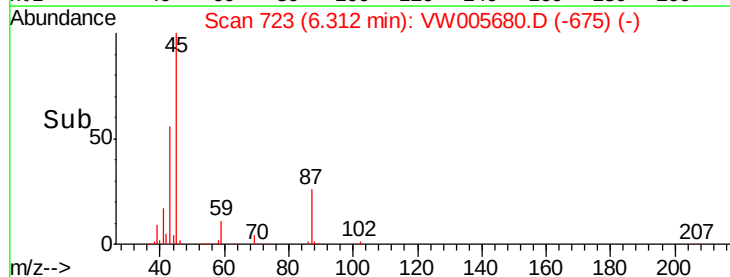
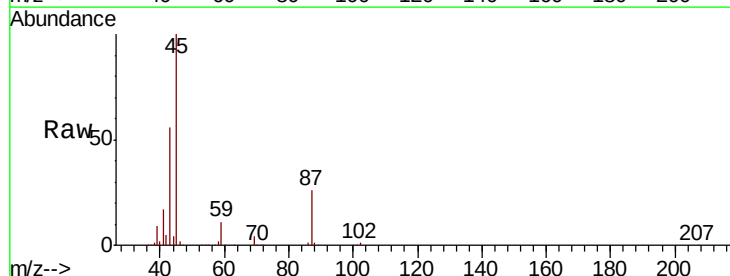
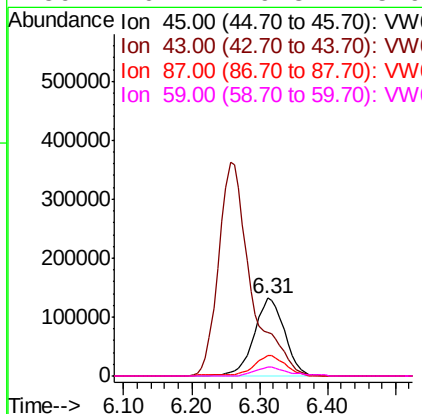
RT: 6.31 min Scan# 723

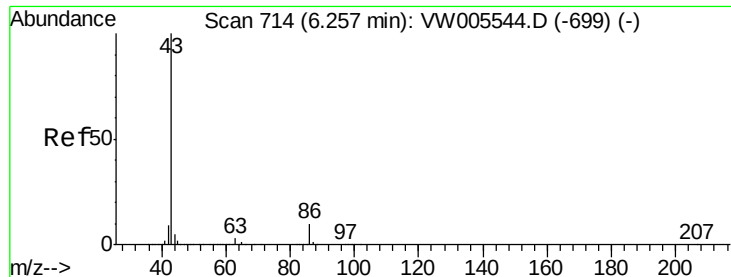
Delta R.T. -0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Tgt Ion:	45	Resp:	414561
Ion	Ratio	Lower	Upper
45	100		
43	56.0	44.2	66.4
87	25.6	21.4	32.2
59	10.7	9.3	13.9





#23

Vinyl Acetate

Concen: 282.247 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1199171

Ion Ratio Lower Upper

43 100

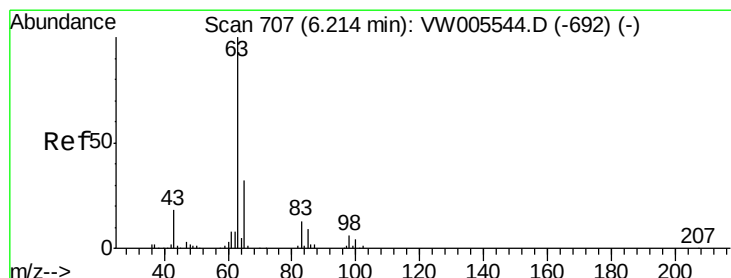
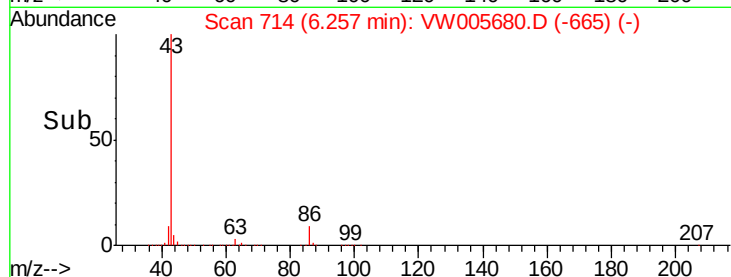
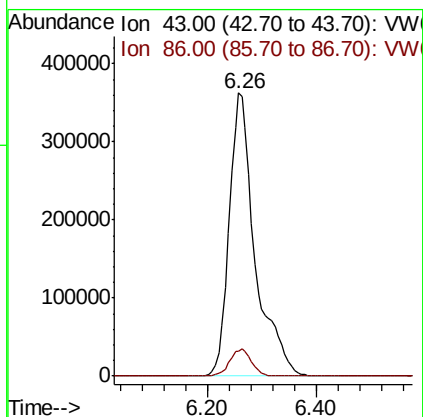
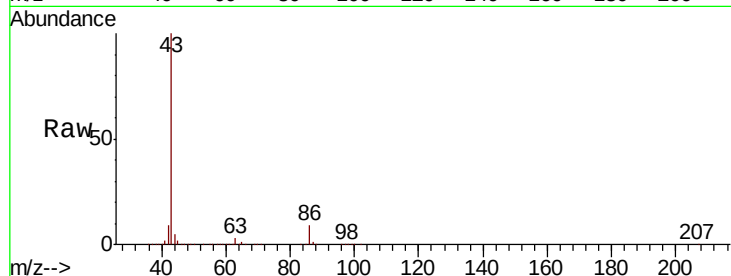
86 8.9 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 53.841 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

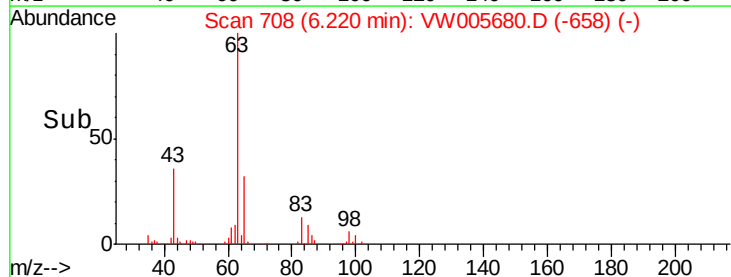
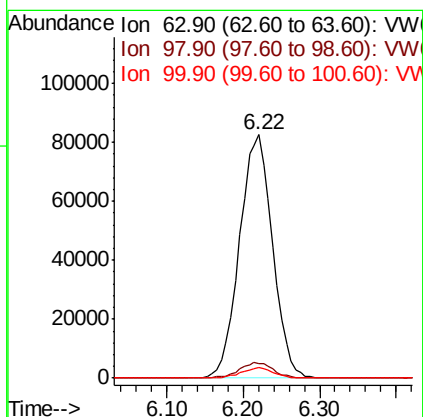
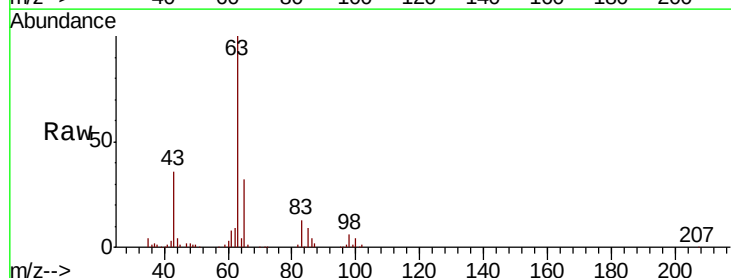
Tgt Ion: 63 Resp: 247268

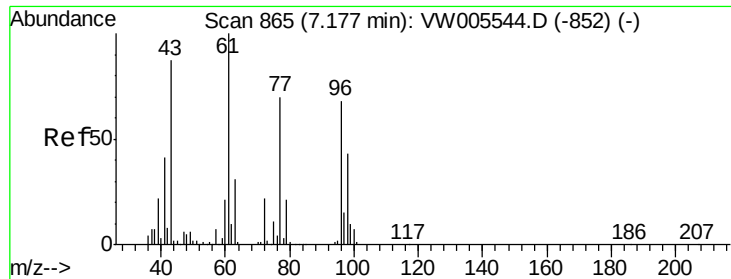
Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 4.3 2.1 6.2





#25

2-Butanone

Concen: 269.797 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 185974

Ion Ratio Lower Upper

43 100

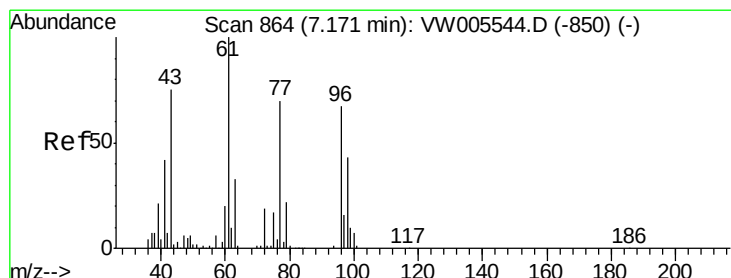
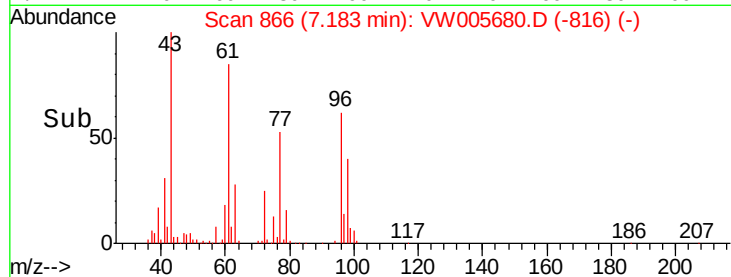
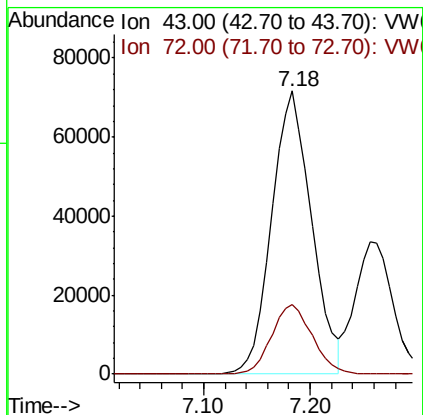
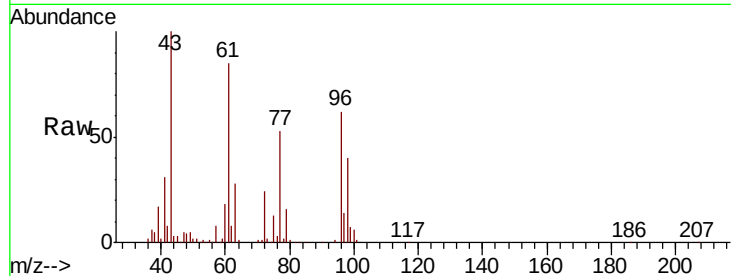
72 24.5 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 45.283 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005680.D

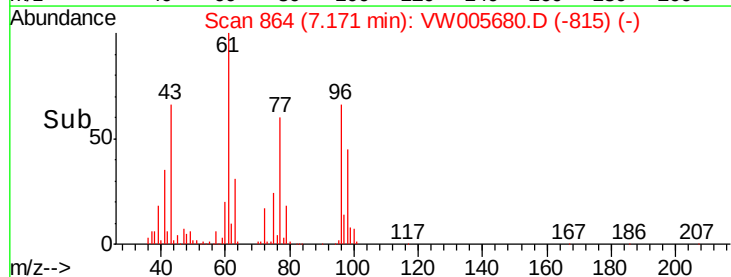
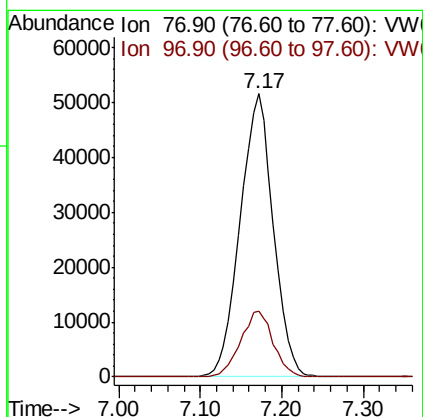
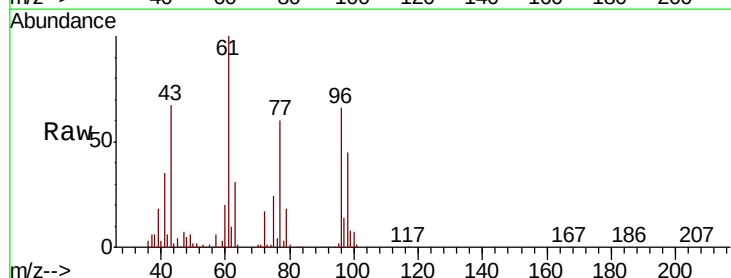
Acq: 27 Sep 2018 04:02

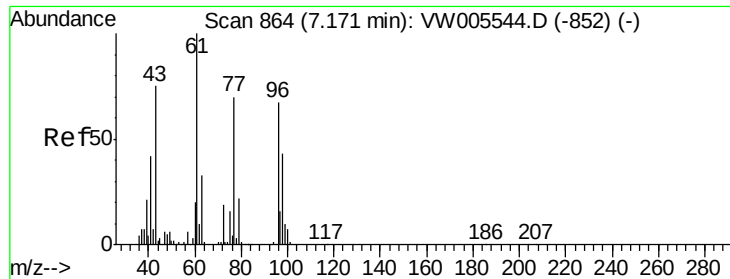
Tgt Ion: 77 Resp: 145187

Ion Ratio Lower Upper

77 100

97 22.9 11.0 33.0





#27

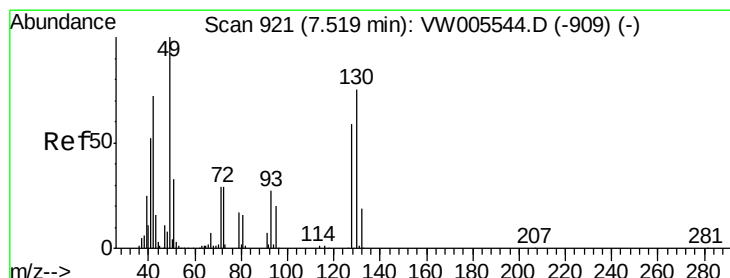
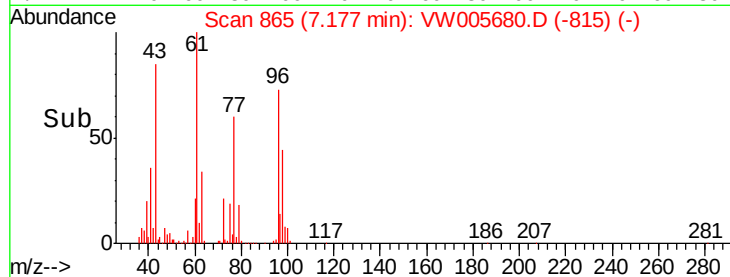
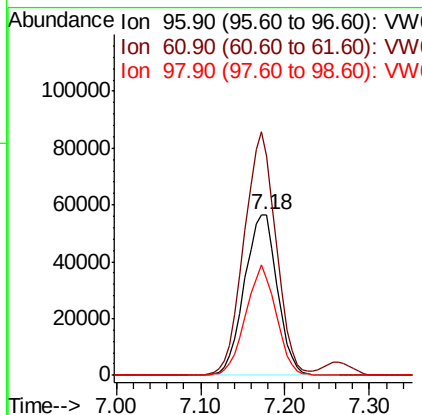
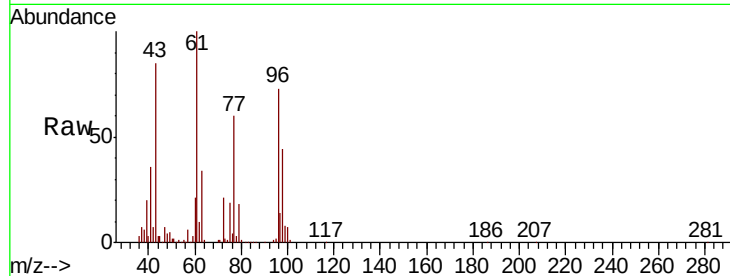
cis-1,2-Dichloroethene
 Concen: 56.822 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.7	0.0	303.4	
98	63.4	0.0	127.2	

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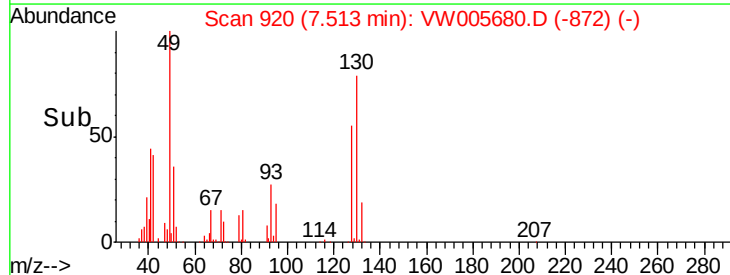
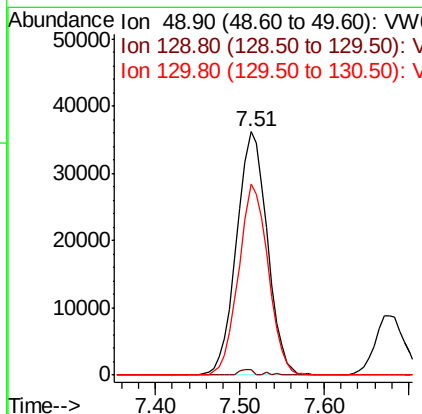
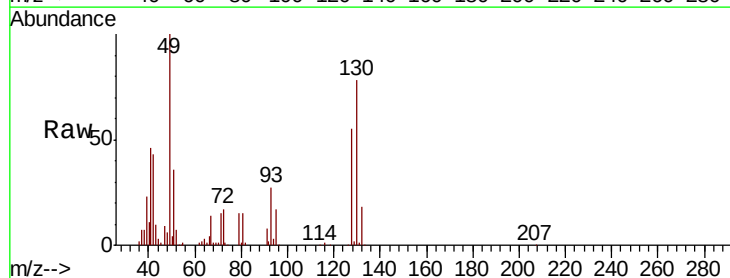
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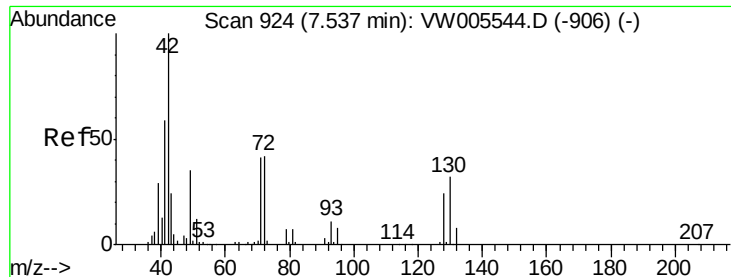


#28

Bromochloromethane
 Concen: 49.046 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.9	0.0	1.4	
130	75.6	61.3	91.9	





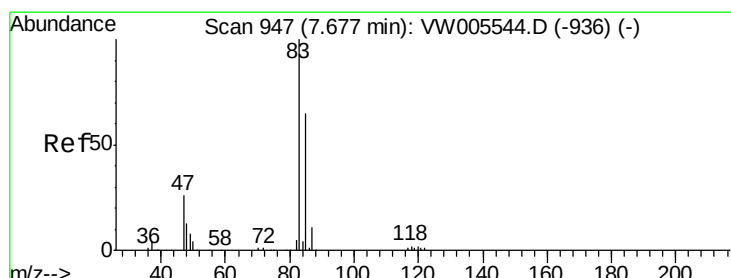
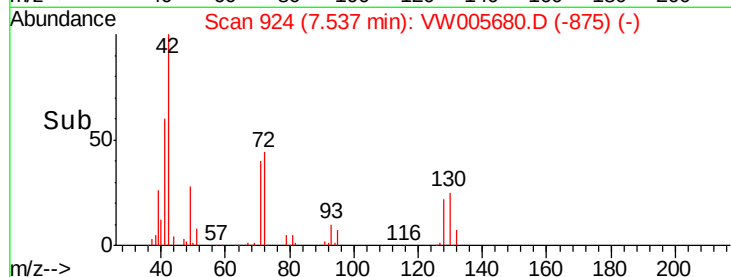
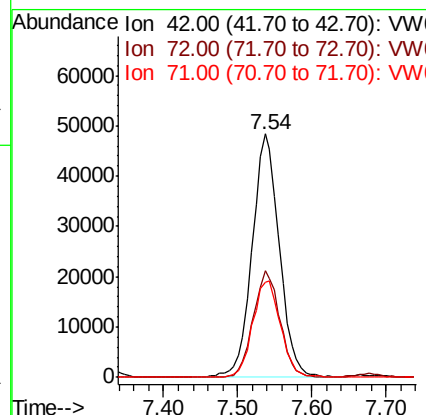
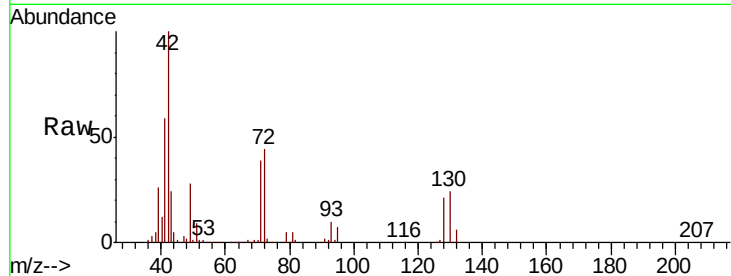
#29
Tetrahydrofuran
Concen: 286.216 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	33.6	50.4
71	40.6	31.8	47.6

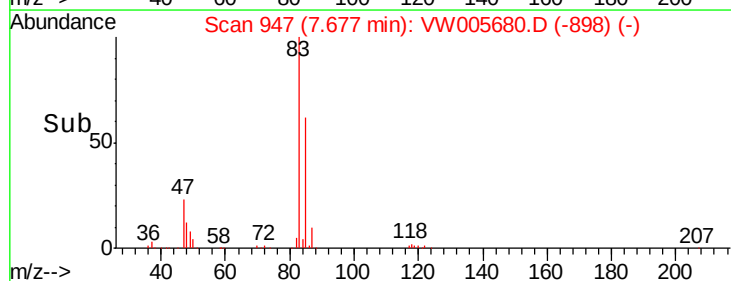
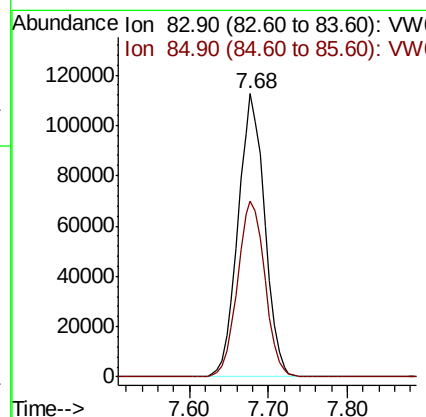
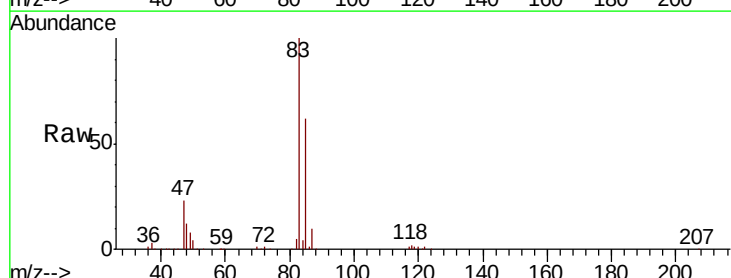
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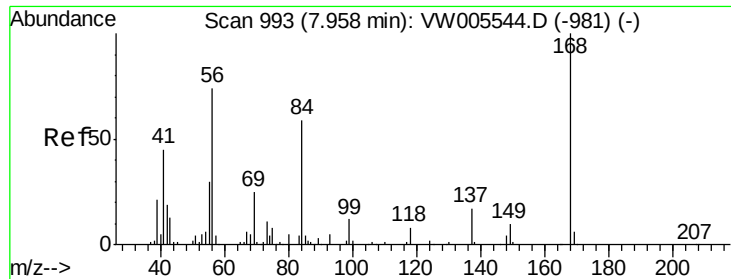
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#30
Chloroform
Concen: 55.704 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.8	77.6





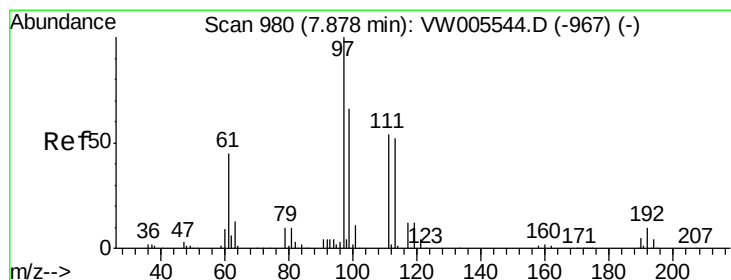
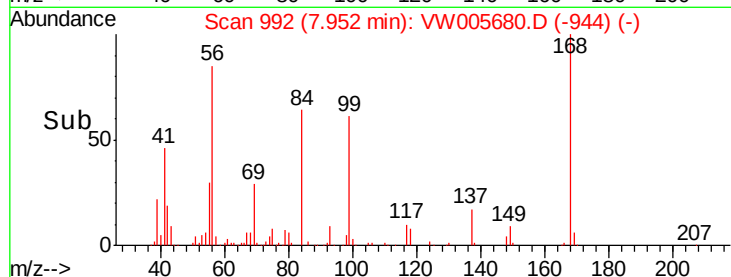
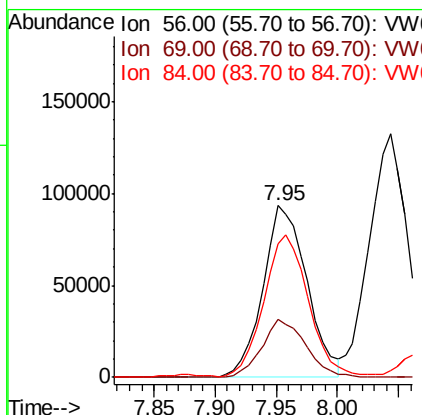
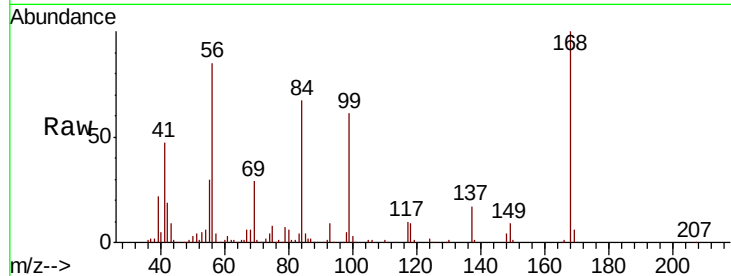
#31
Cyclohexane
Concen: 53.321 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
56	100	234613		
69	33.7		27.0	40.4
84	76.6		64.2	96.4

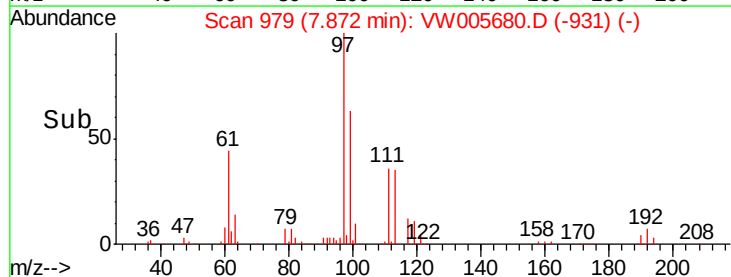
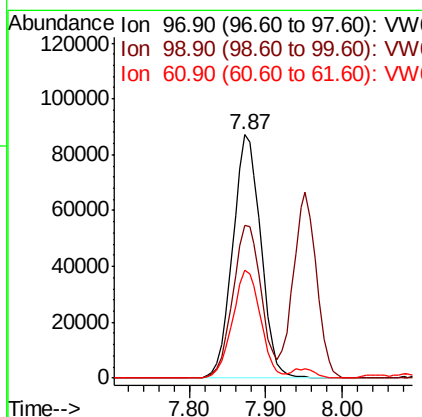
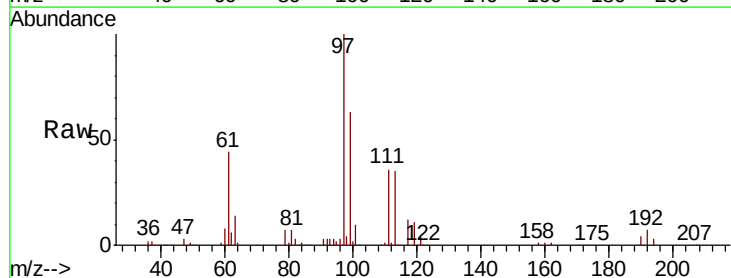
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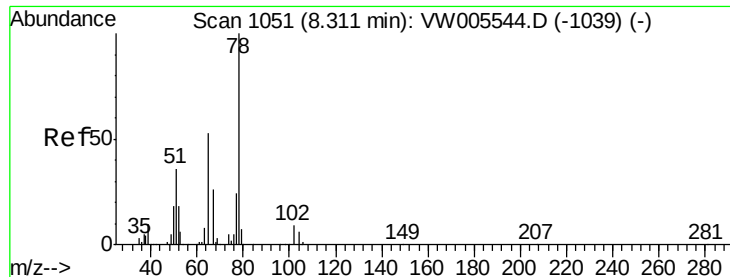
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#32
1,1,1-Trichloroethane
Concen: 52.615 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	220379		
99	63.9		51.0	76.6
61	44.1		36.2	54.2





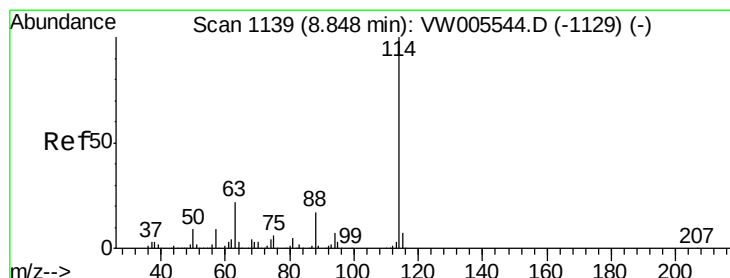
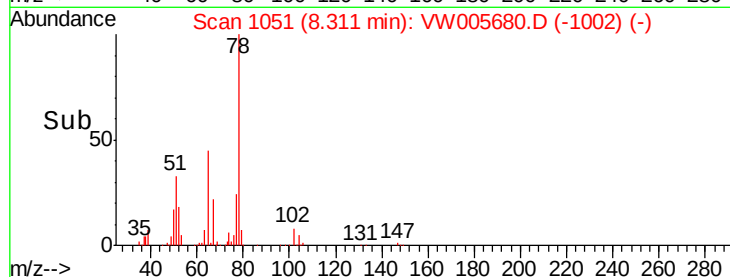
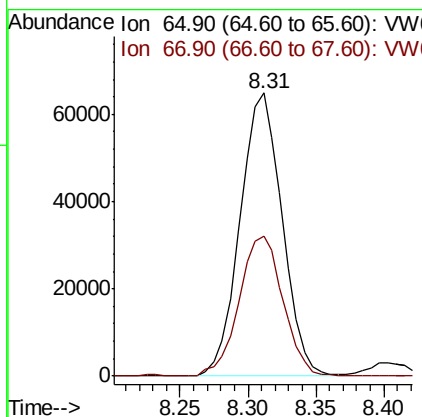
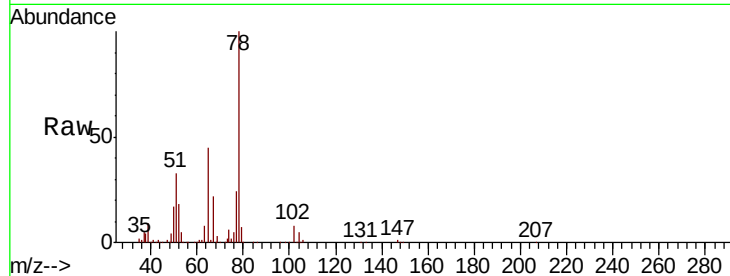
#33
 1,2-Dichloroethane-d4
 Concen: 49.451 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	100.6

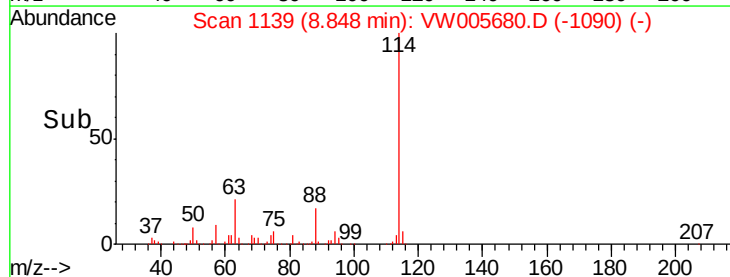
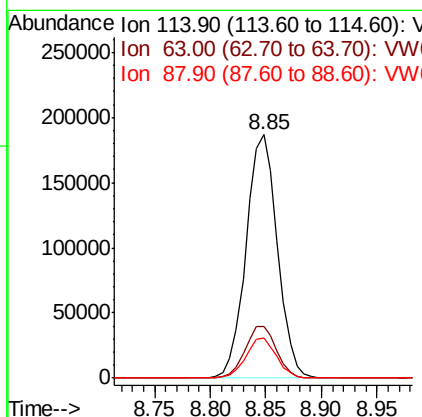
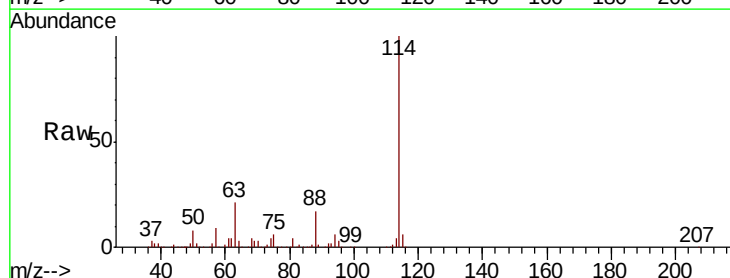
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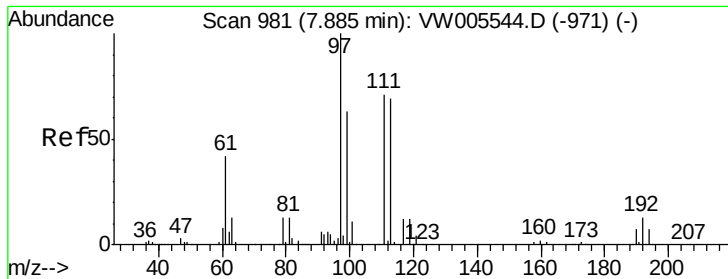
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.0
88	16.7	0.0	33.0





#35

Dibromofluoromethane

Concen: 53.720 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

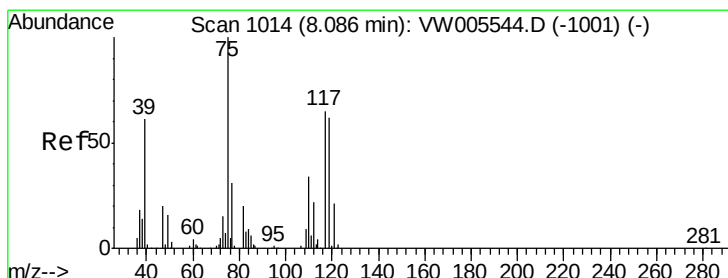
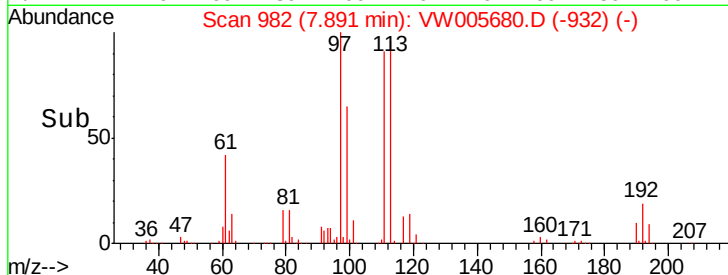
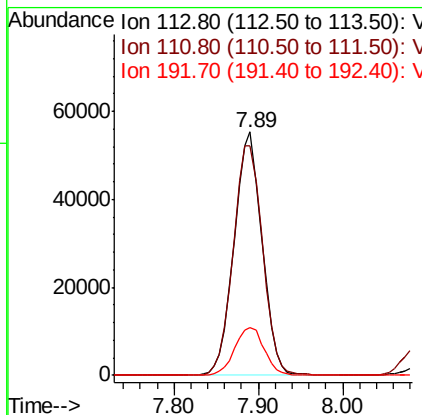
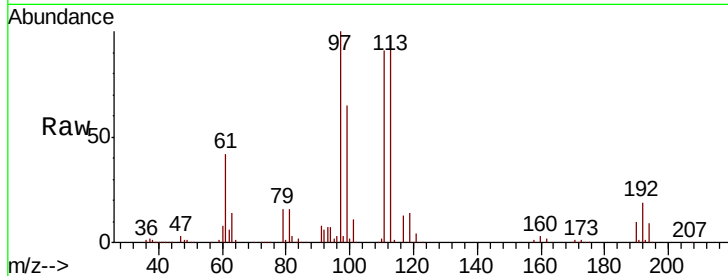
ClientSampled :

VSTDCCC050

Tot Ion:	113	Resp:	123263
Ion Ratio	Lower	Upper	
113	100		
111	99.8	82.6	123.8
192	20.7	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 56.237 ug/l

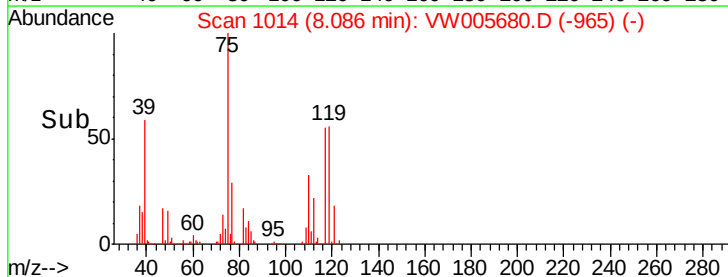
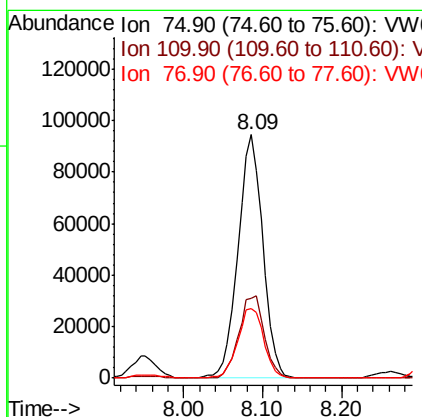
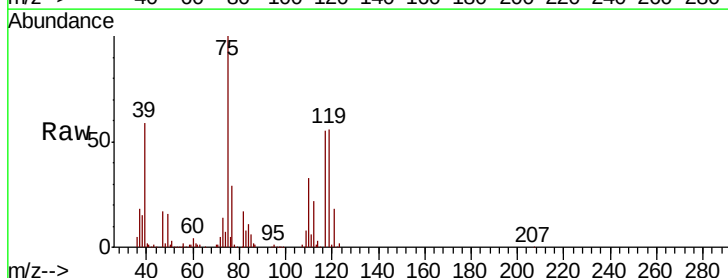
RT: 8.09 min Scan# 1014

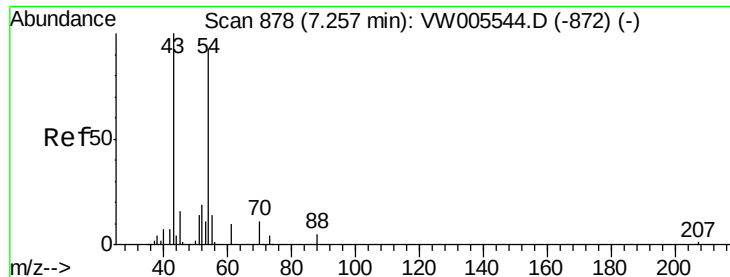
Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Tgt Ion:	75	Resp:	206561
Ion Ratio	Lower	Upper	
75	100		
110	34.6	17.0	50.9
77	30.5	24.8	37.2





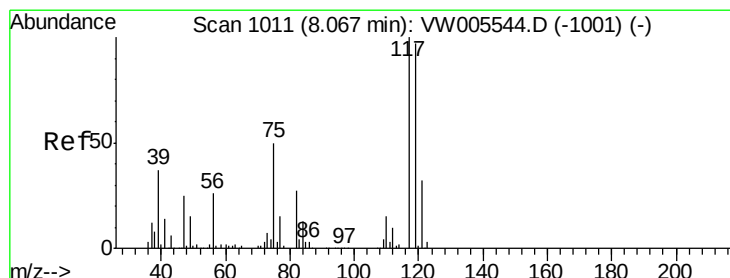
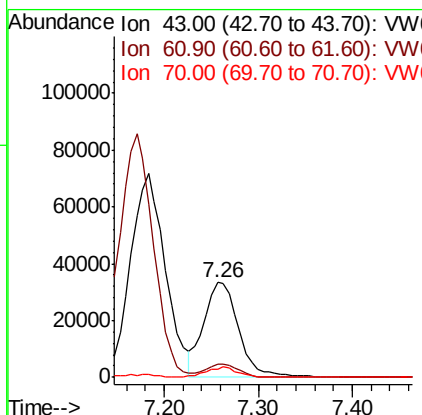
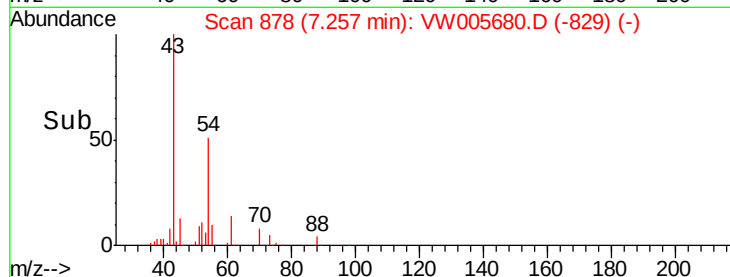
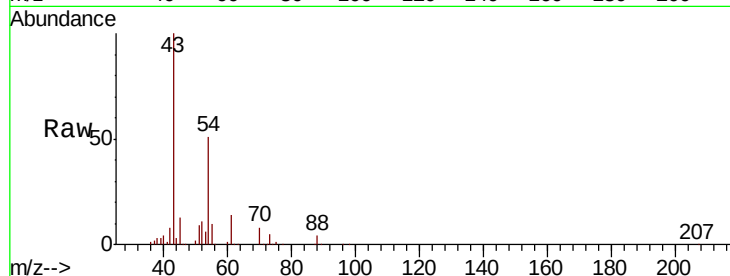
#37
Ethyl Acetate
Concen: 55.200 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.4	15.6
70	9.9	8.2	12.2

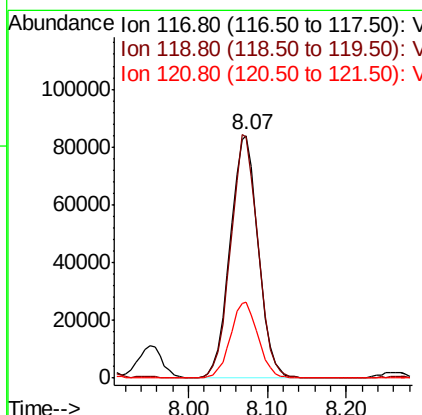
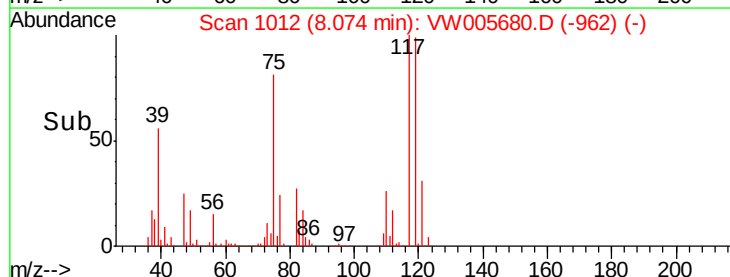
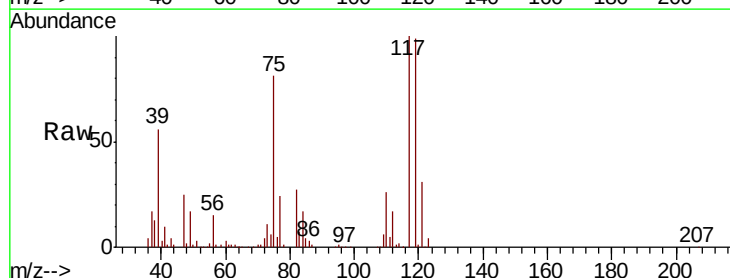
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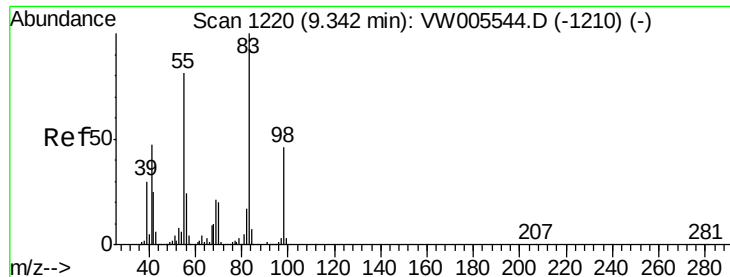
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#38
Carbon Tetrachloride
Concen: 52.677 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	77.6	116.4
121	31.1	25.7	38.5





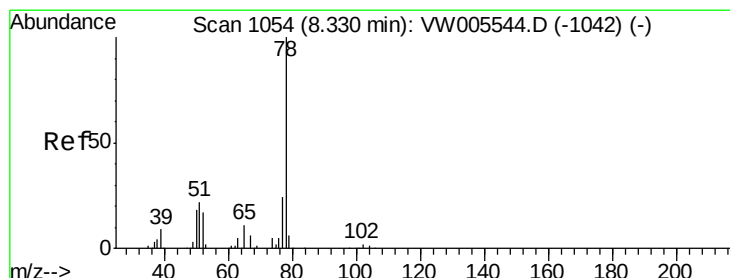
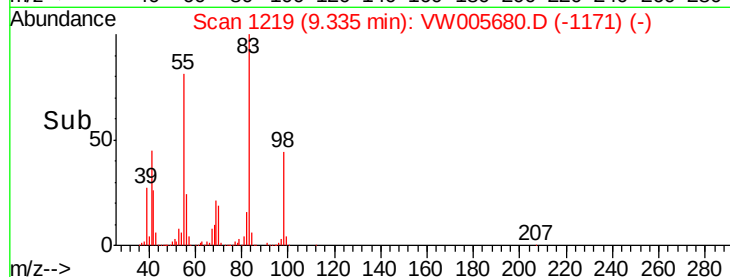
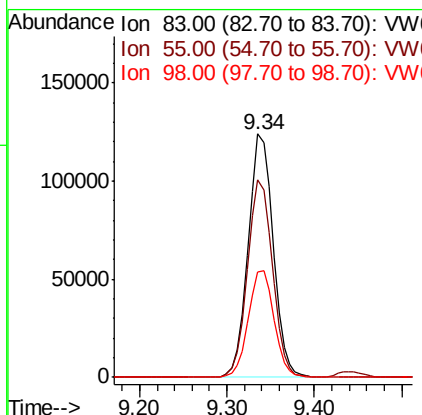
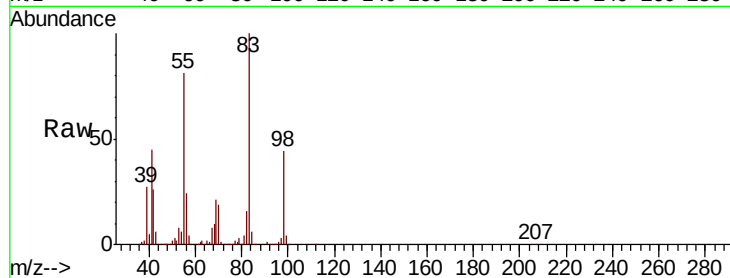
#39
Methylvlcyclohexane
Concen: 56.821 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.2	64.6	97.0
98	43.5	37.0	55.6

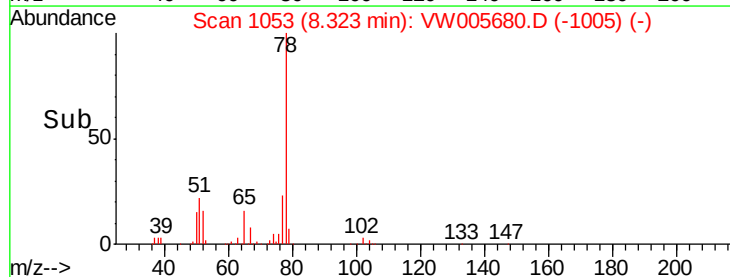
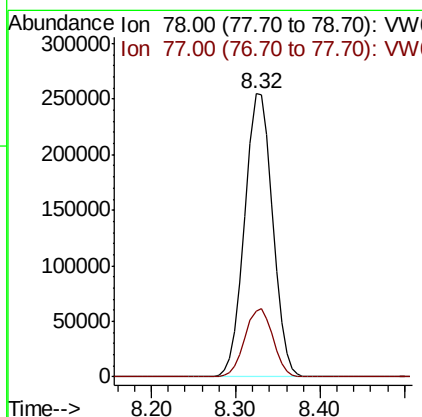
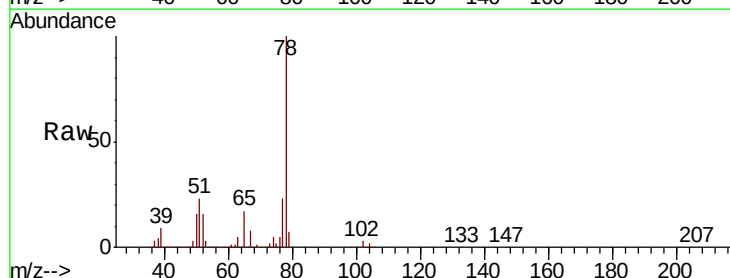
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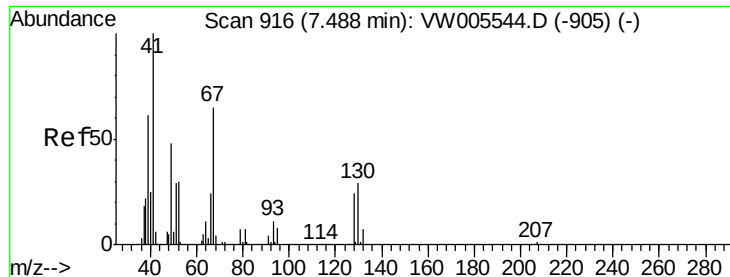
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#40
Benzene
Concen: 54.990 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





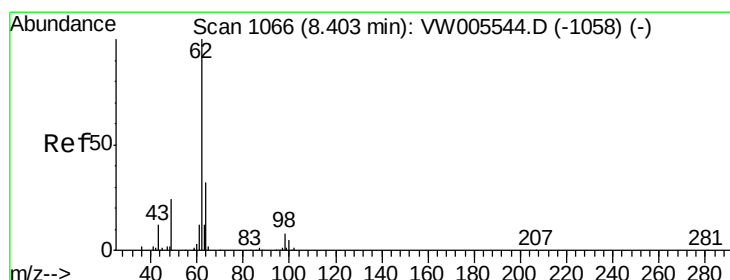
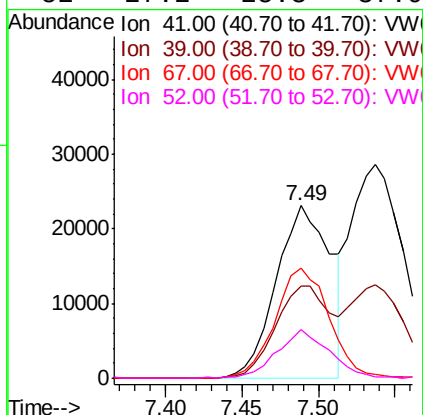
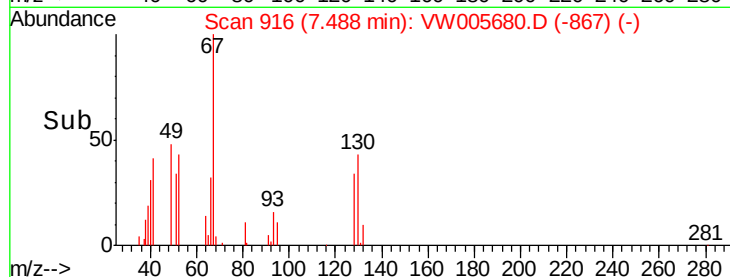
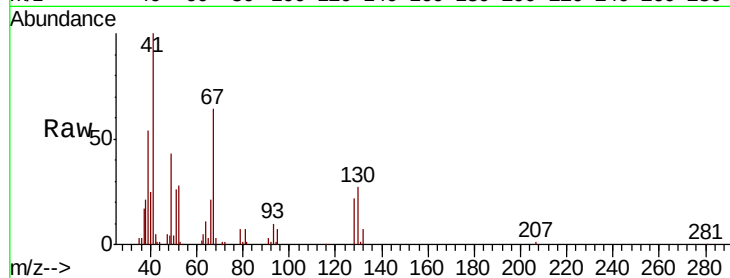
#41
Methacrylonitrile
Concen: 65.074 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	54.5	45.4	68.2
67	67	63.5	55.2	82.8
52	52	27.2	25.3	37.9

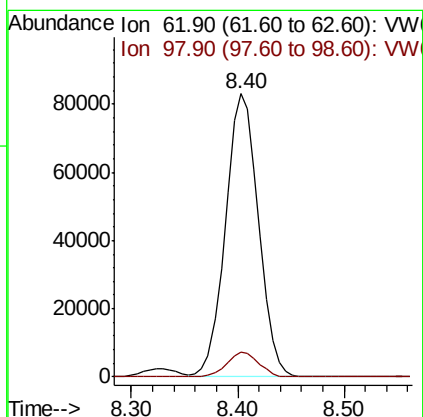
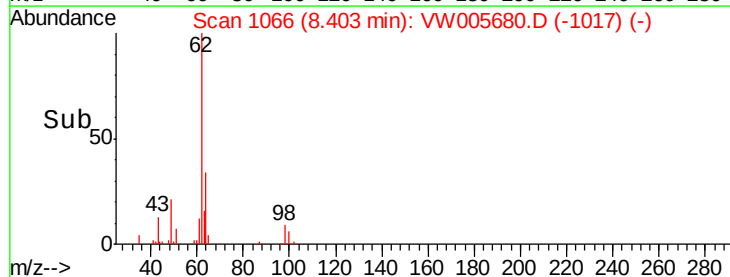
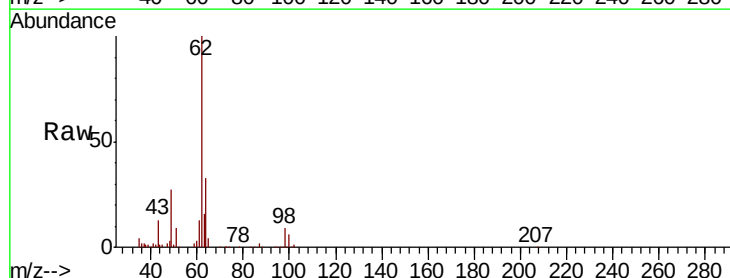
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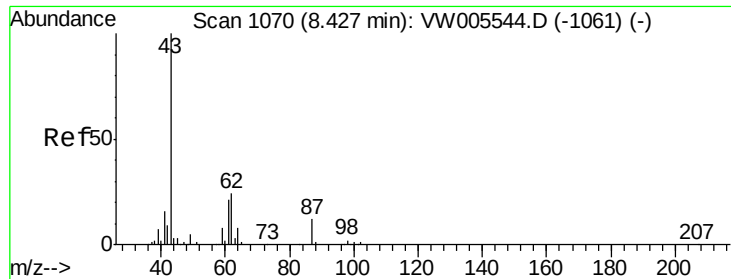
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#42
1,2-Dichloroethane
Concen: 54.066 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	8.5	0.0	15.6





#43

Isopropyl Acetate

Concen: 55.994 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

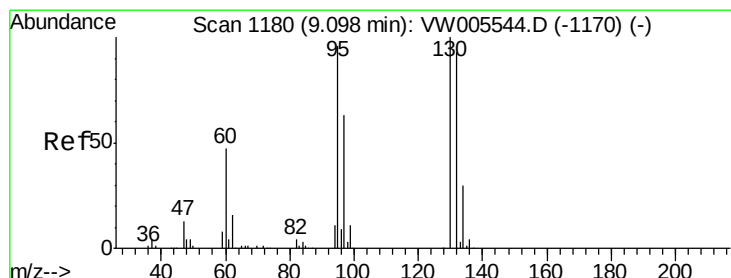
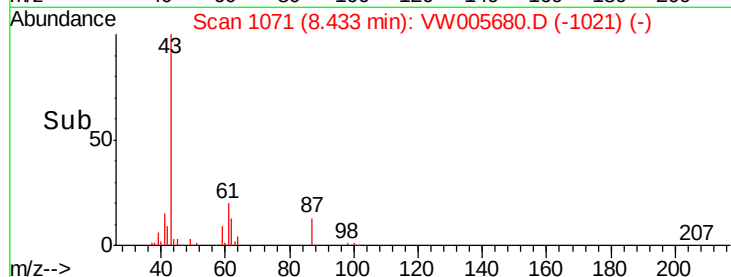
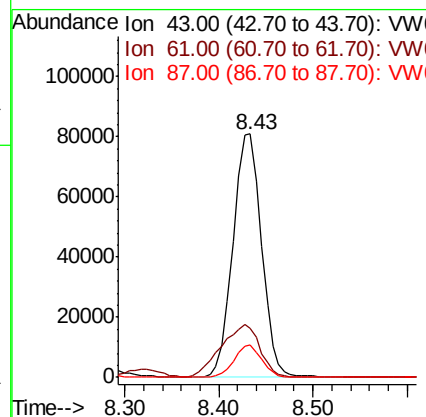
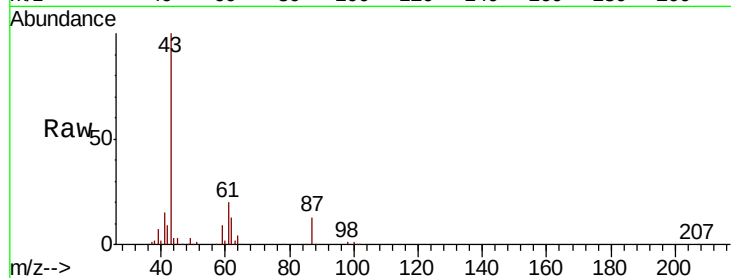
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	170168
Ion	Ratio	Lower	Upper
43	100		
61	29.4	24.1	36.1
87	12.6	9.8	14.8

Manual Integrations
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#44

Trichloroethene

Concen: 54.926 ug/l

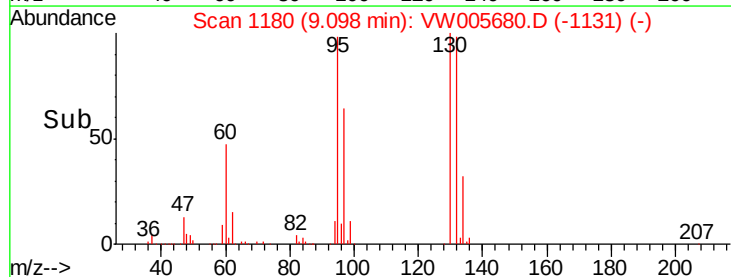
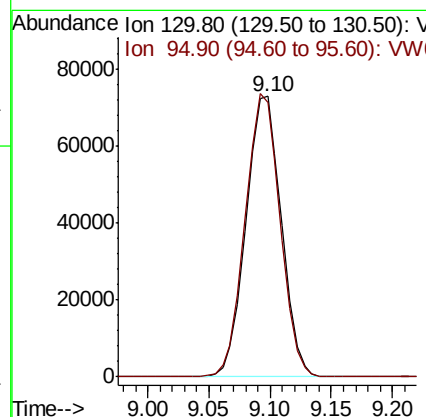
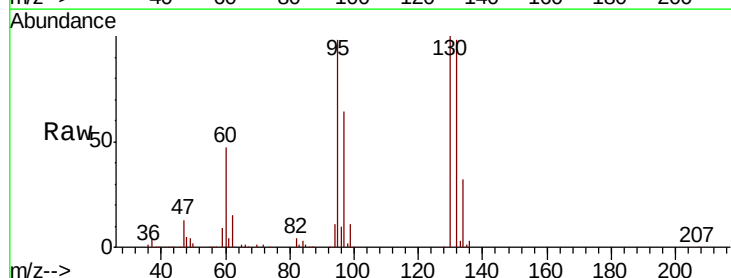
RT: 9.10 min Scan# 1180

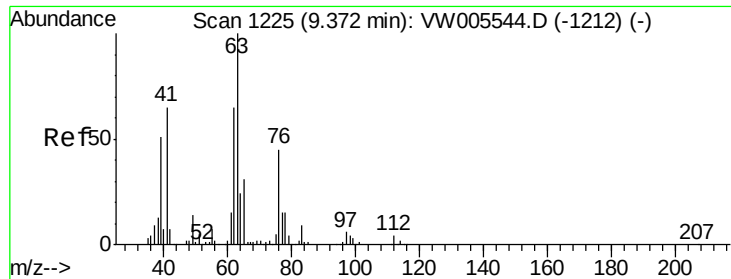
Delta R.T. -0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Tgt Ion:	130	Resp:	146314
Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	191.2





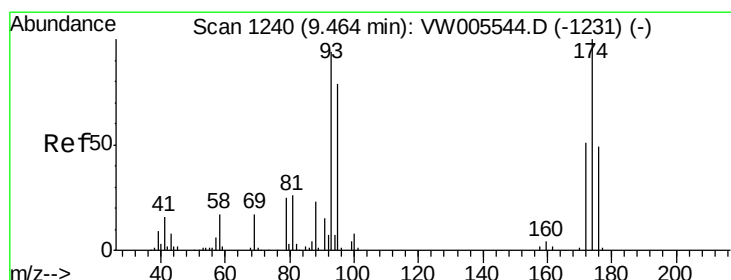
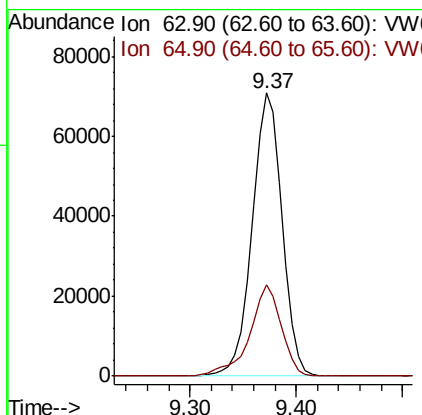
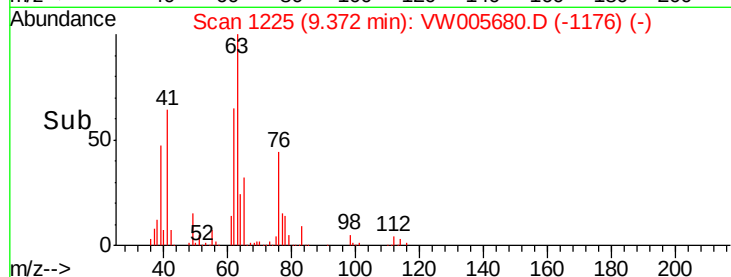
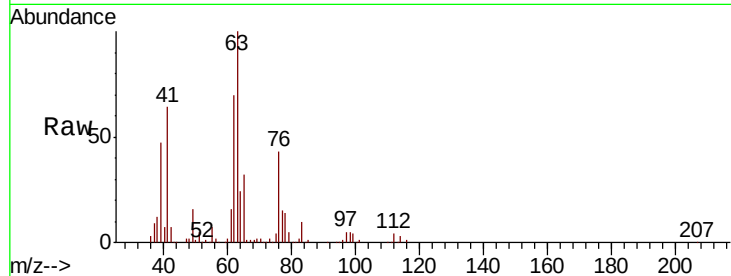
#45
 1,2-Dichloropropane
 Concen: 54.541 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion: 63 Resp: 139643
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.7 37.1

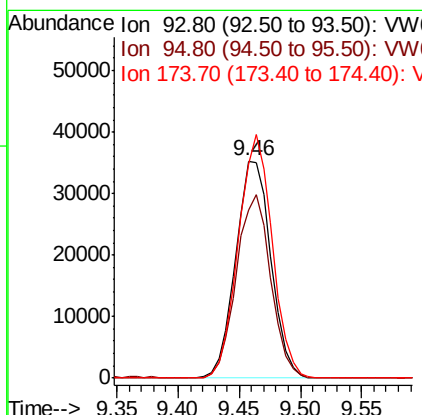
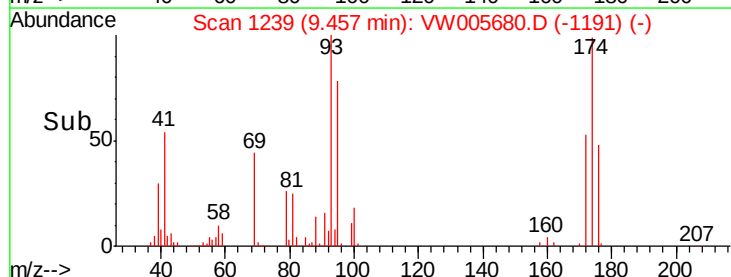
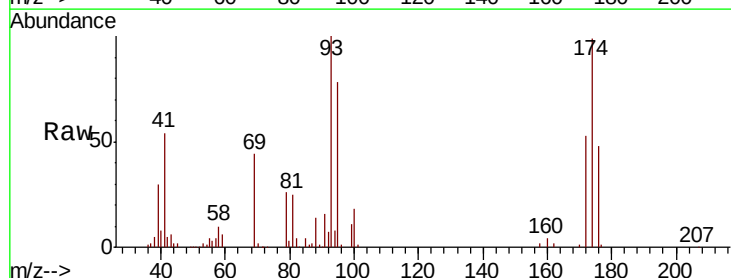
Manual Integrations
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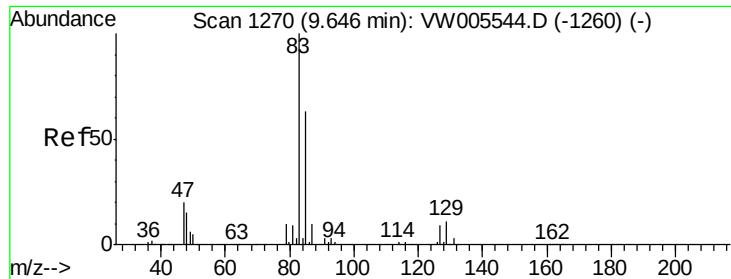
apatel
 9/27/2018 10:33:57 AM



#46
 Dibromomethane
 Concen: 55.188 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion: 93 Resp: 70600
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.8 98.8
 174 108.0 84.0 126.0





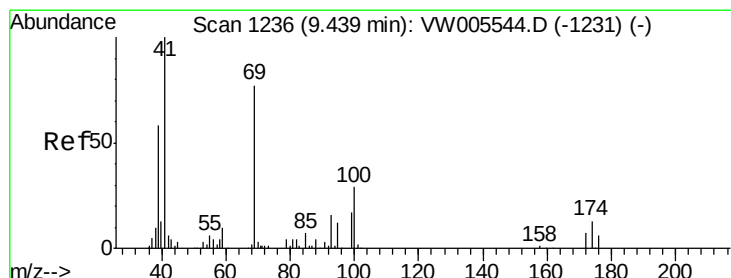
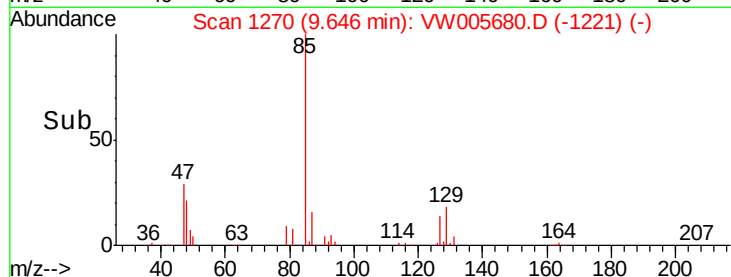
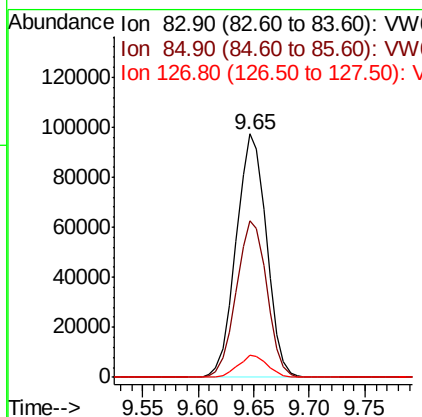
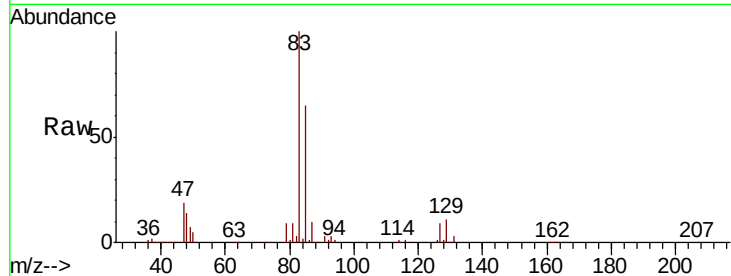
#47
Bromodichloromethane
Concen: 53.443 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	183656		
85	64.5	50.5	75.7	
127	8.9	7.0	10.6	

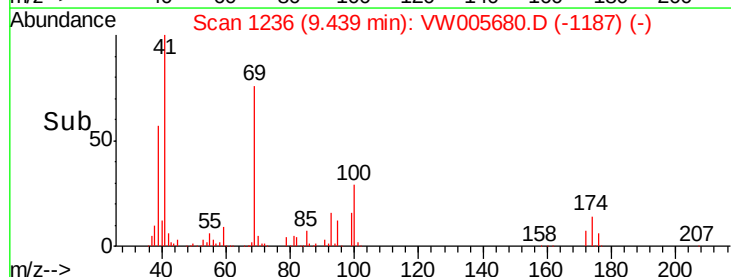
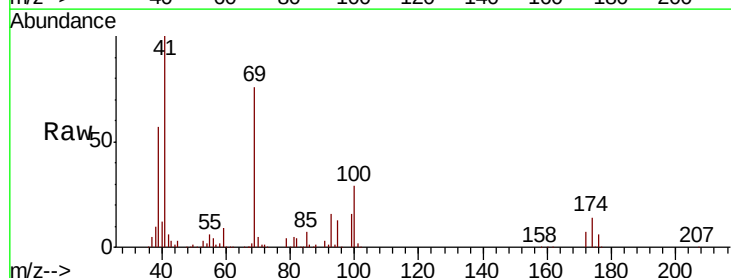
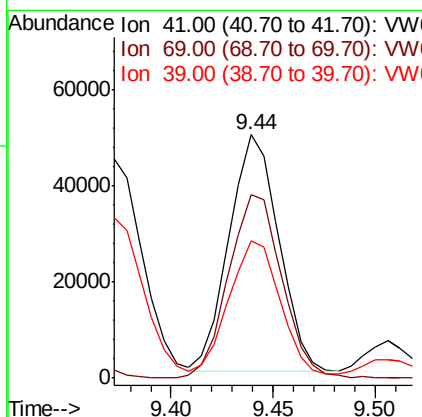
Manual Integrations
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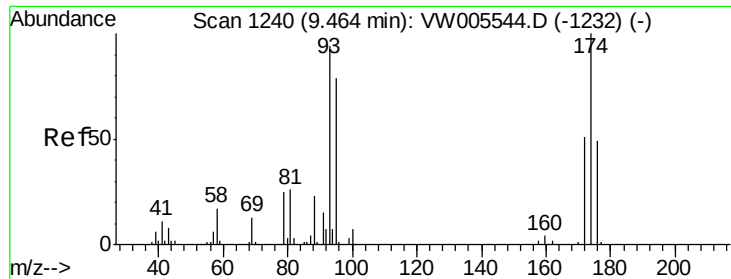
apatel
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#48
Methyl methacrylate
Concen: 57.734 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	83335		
69	83.6	64.7	97.1	
39	57.4	50.5	75.7	





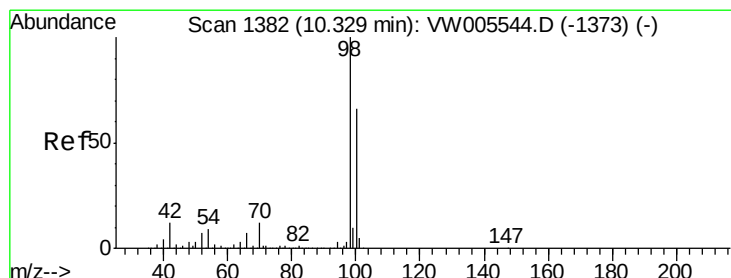
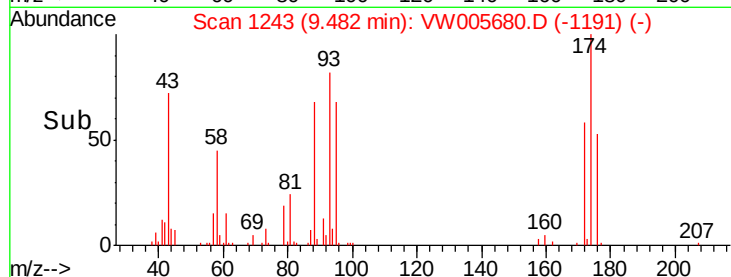
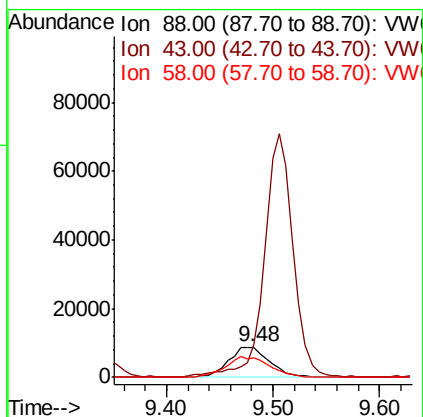
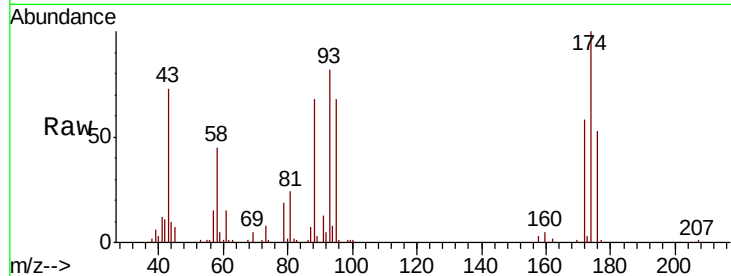
#49
1,4-Dioxane
Concen: 1175.441 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	23907
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.0	61.2	91.8

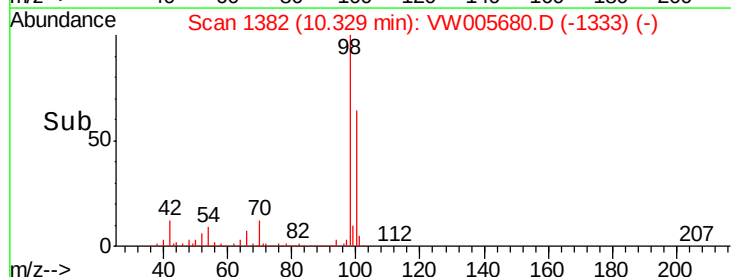
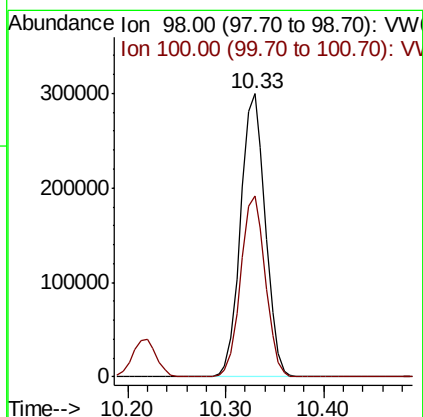
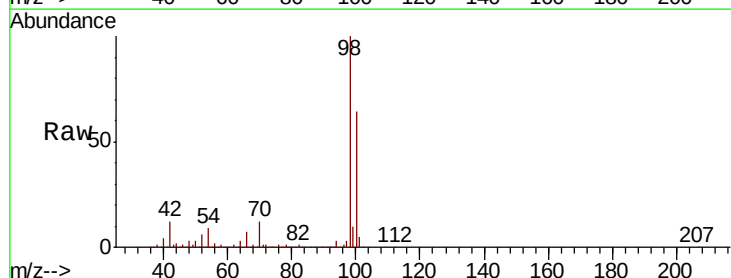
Manual Integrations
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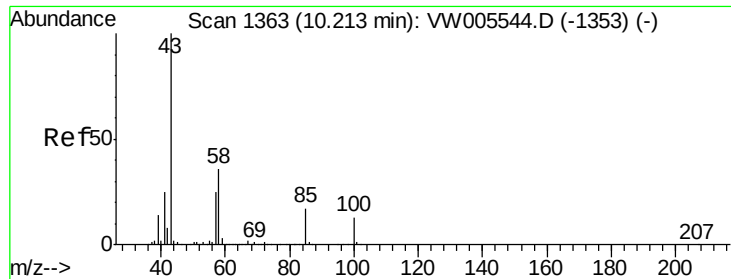
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#50
Toluene-d8
Concen: 56.089 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion	98	Resp	524038
Ion Ratio	100	Lower	Upper
98	100		
100	64.0	51.6	77.4





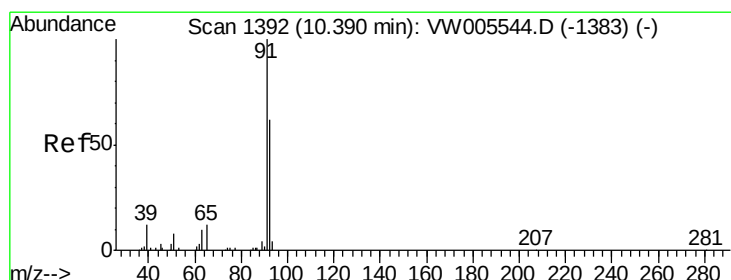
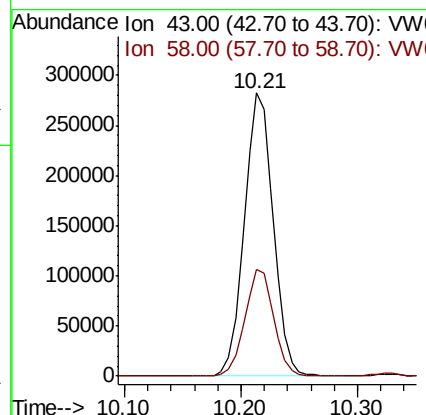
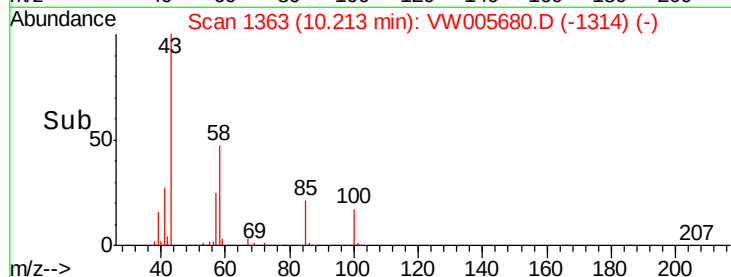
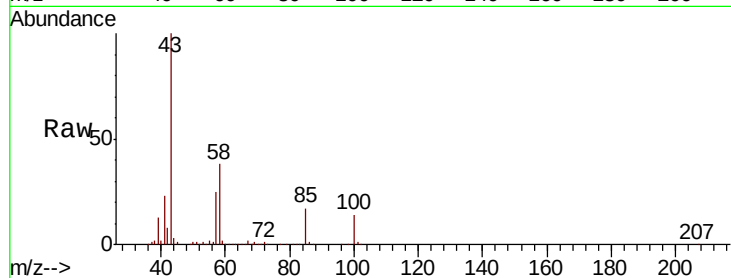
#51
 4-Methyl-2-Pentanone
 Concen: 319.243 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 488642
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.0 45.0

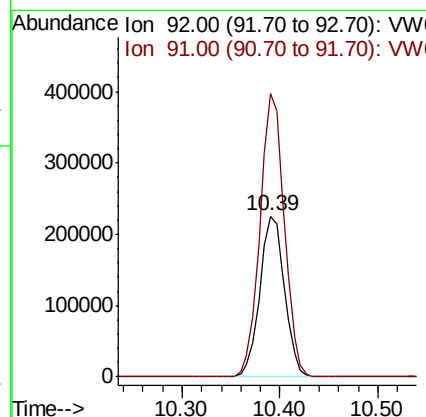
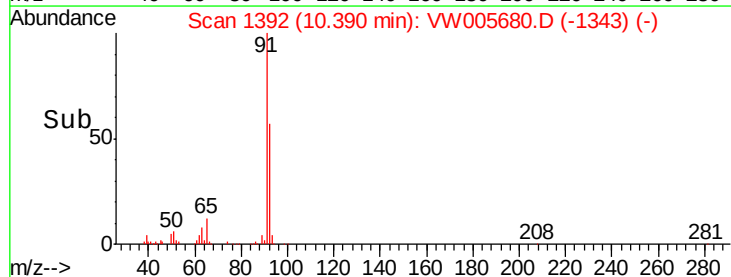
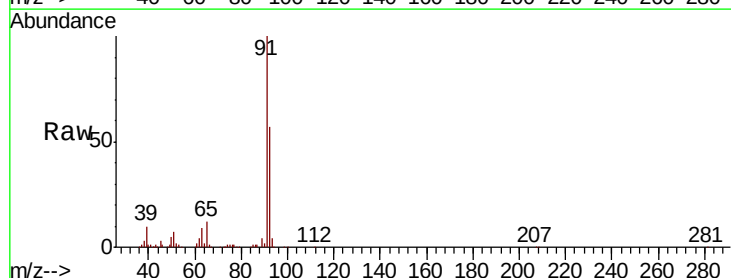
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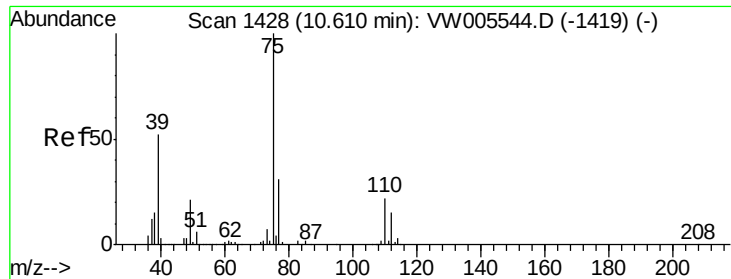
apatel
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#52
 Toluene
 Concen: 60.621 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion: 92 Resp: 393648
 Ion Ratio Lower Upper
 92 100
 91 173.6 137.1 205.7





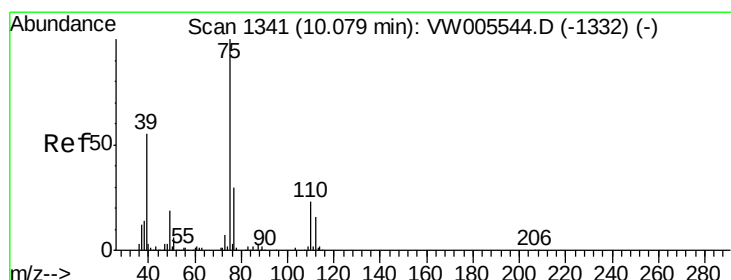
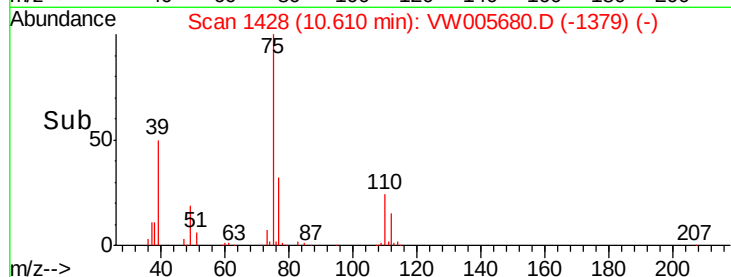
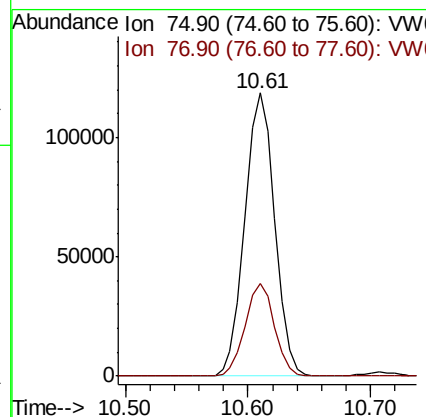
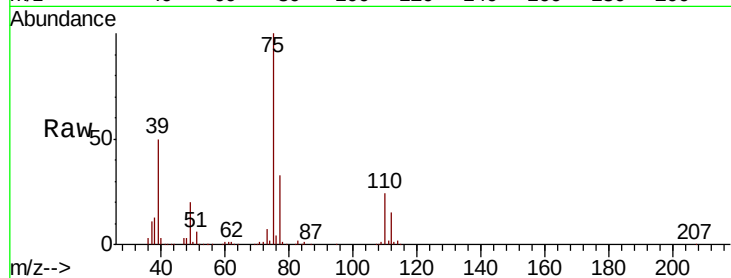
#53
t-1,3-Dichloropropene
Concen: 58.443 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 201336
Ion Ratio Lower Upper
75 100
77 32.5 24.6 37.0

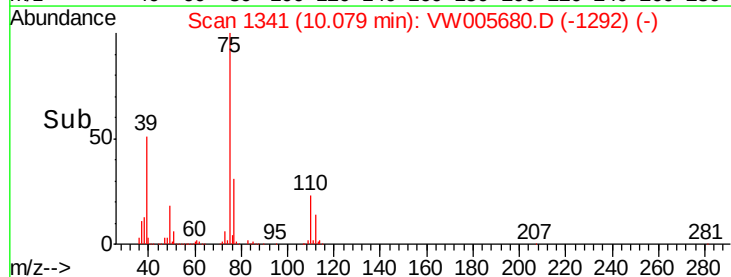
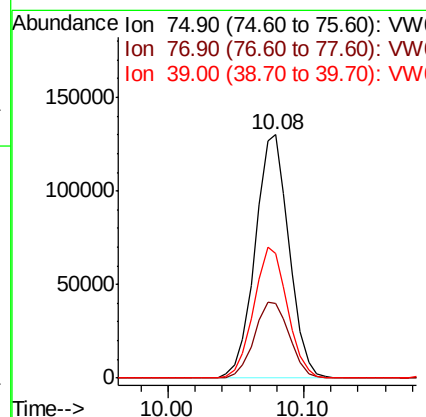
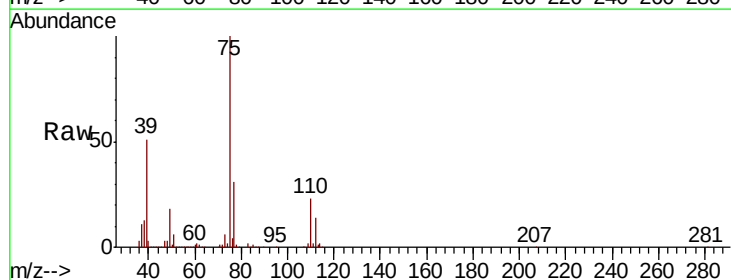
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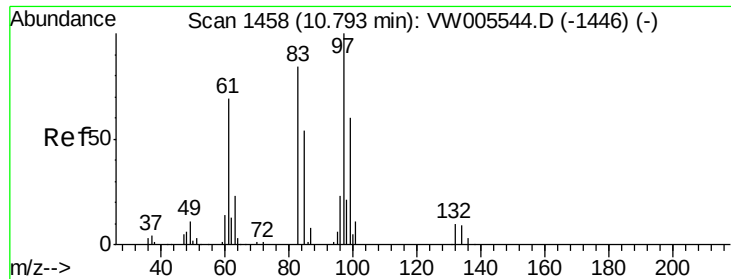
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#54
cis-1,3-Dichloropropene
Concen: 58.871 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion: 75 Resp: 227235
Ion Ratio Lower Upper
75 100
77 30.9 24.3 36.5
39 51.3 43.7 65.5





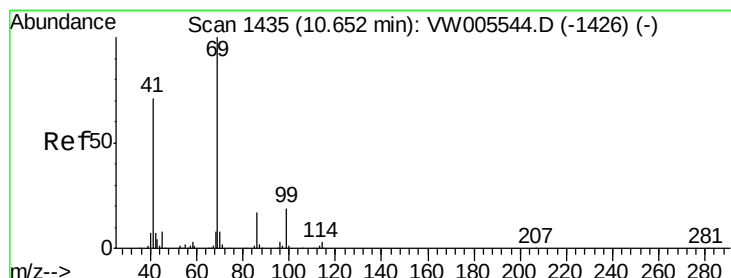
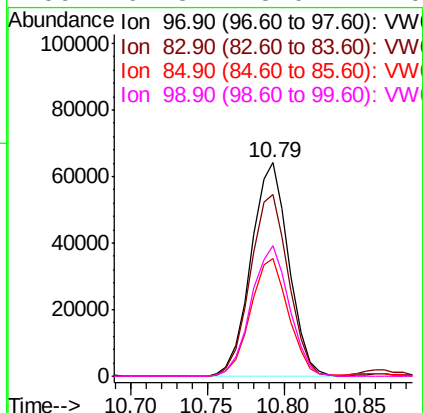
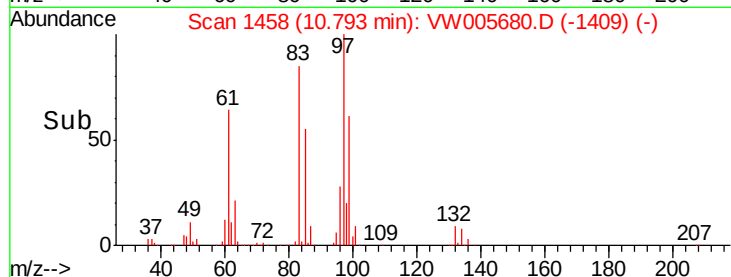
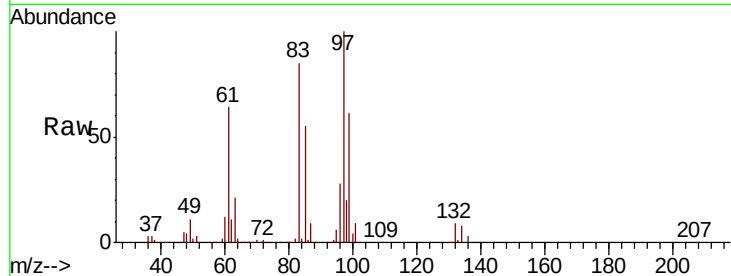
#55
 1,1,2-Trichloroethane
 Concen: 60.552 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	109956
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.4	101.2
85	55.3	43.3	64.9
99	61.3	48.0	72.0

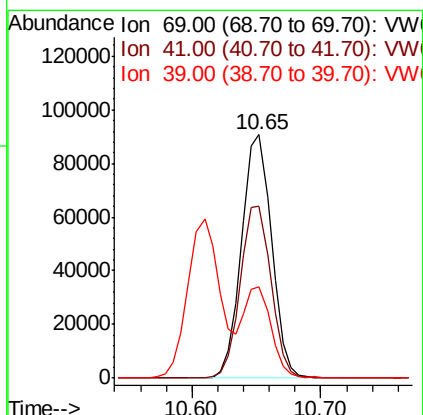
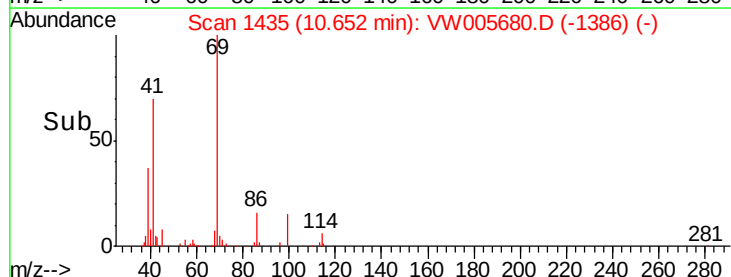
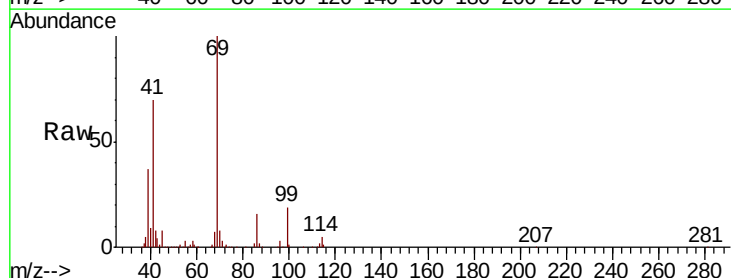
Manual Integrations
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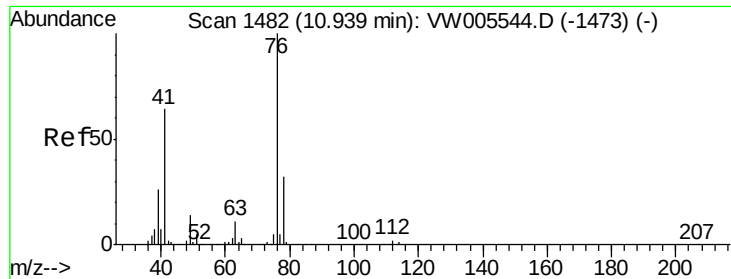
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#56
 Ethyl methacrylate
 Concen: 65.486 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion:	69	Resp:	146796
Ion	Ratio	Lower	Upper
69	100		
41	72.8	57.3	85.9
39	33.6	29.2	43.8





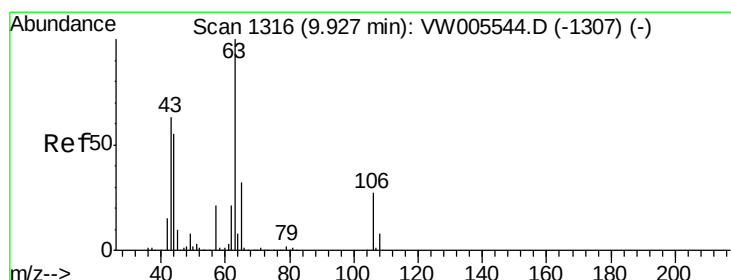
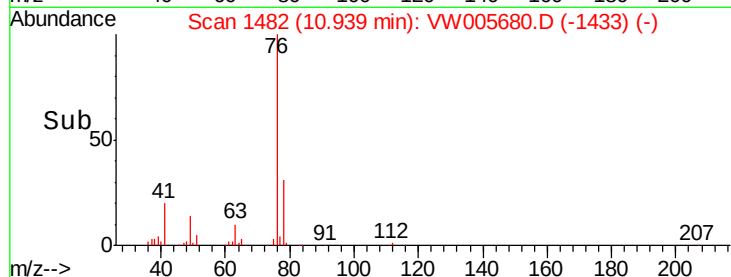
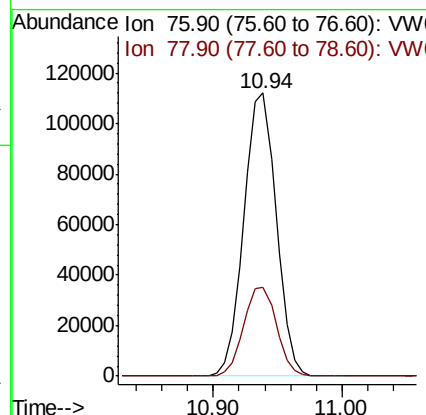
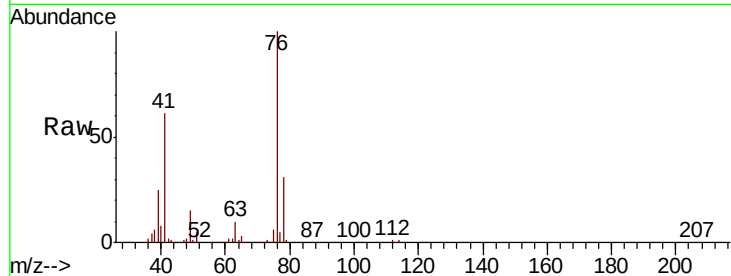
#57
 1,3-Dichloropropane
 Concen: 60.587 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 194991
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4

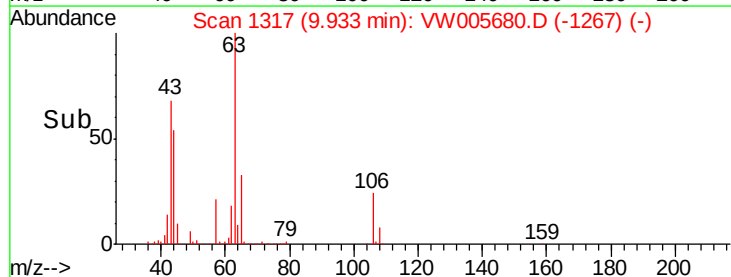
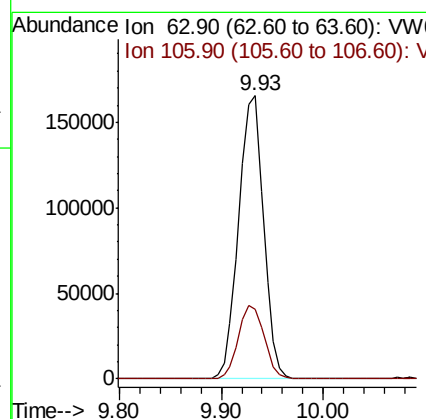
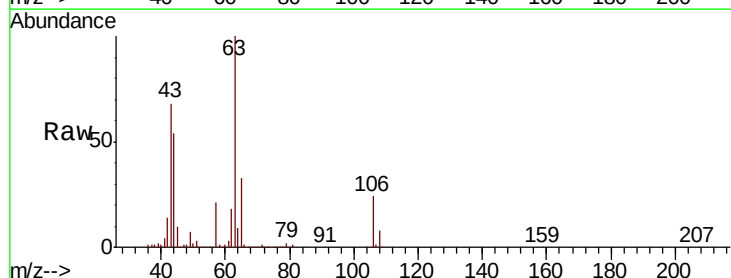
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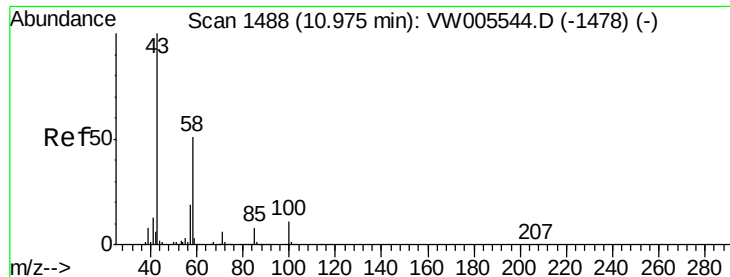
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#58
 2-Chloroethyl Vinyl ether
 Concen: 274.738 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion: 63 Resp: 279175
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.6 32.4





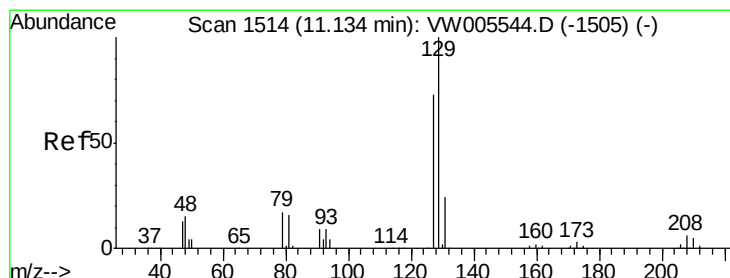
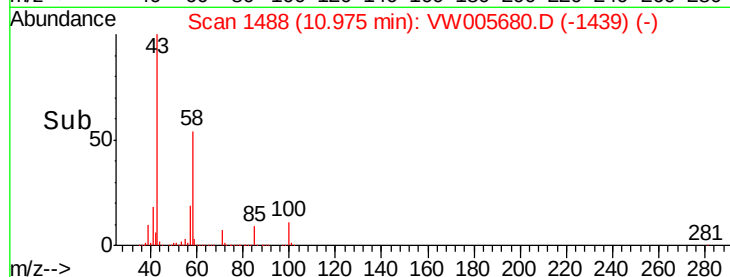
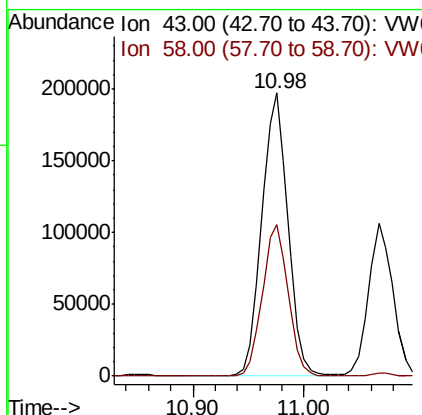
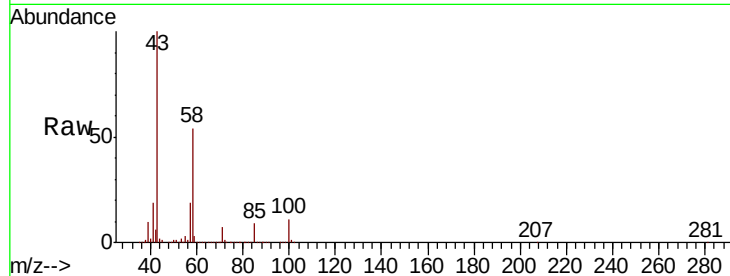
#59
2-Hexanone
Concen: 310.171 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 322514
Ion Ratio Lower Upper
43 100
58 53.1 25.3 75.9

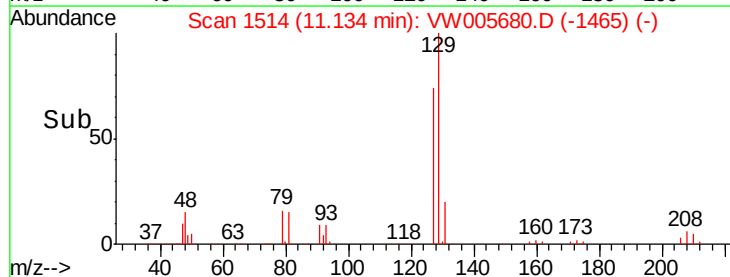
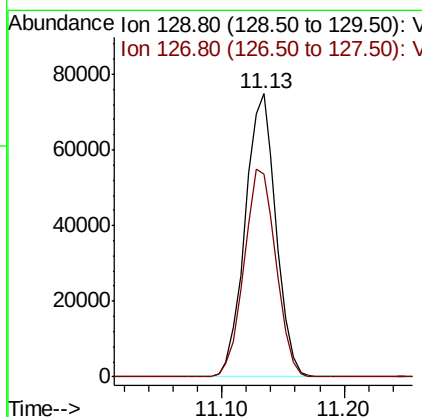
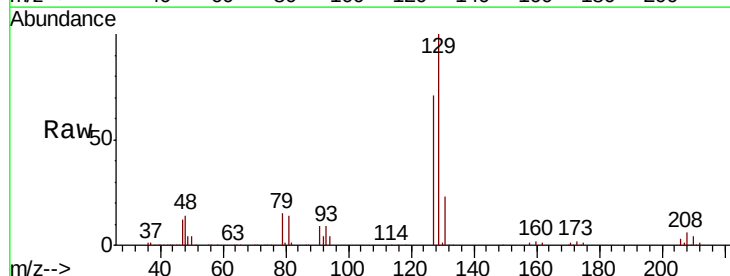
Manual Integrations
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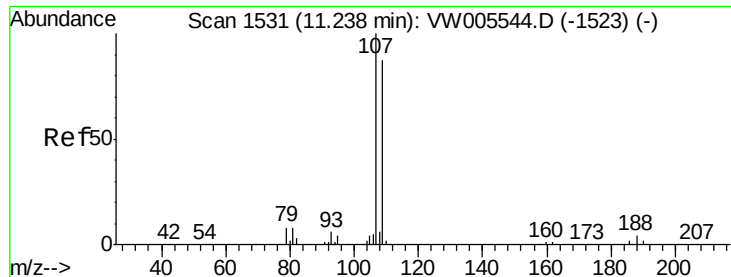
apatel
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#60
Dibromochloromethane
Concen: 59.589 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion: 129 Resp: 130743
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5





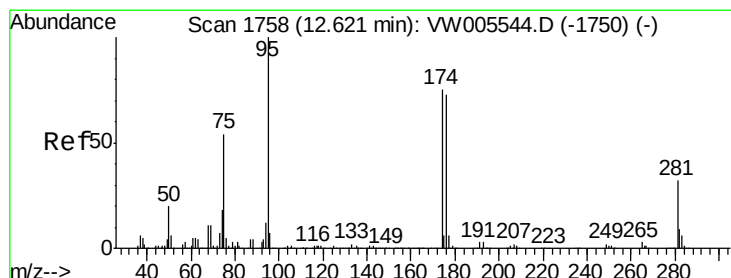
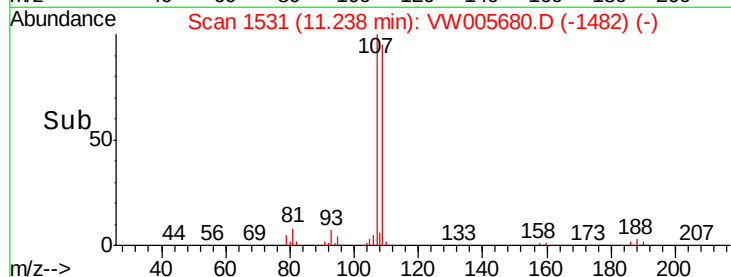
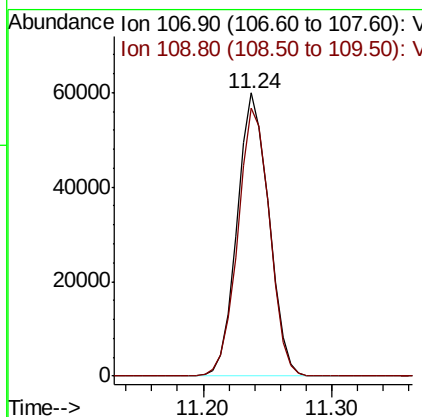
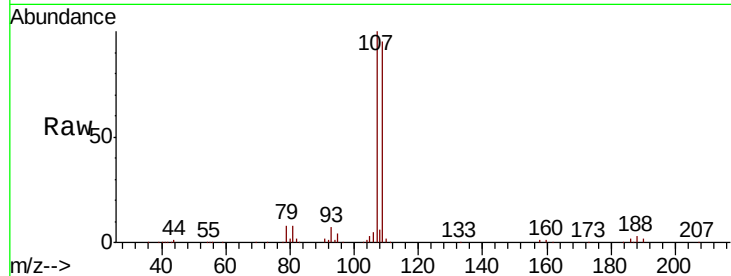
#61
 1,2-Dibromoethane
 Concen: 60.340 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	73.4	110.0

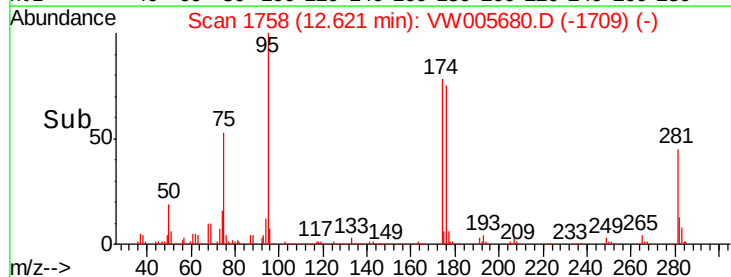
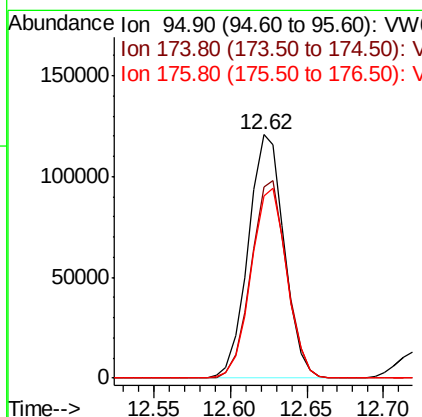
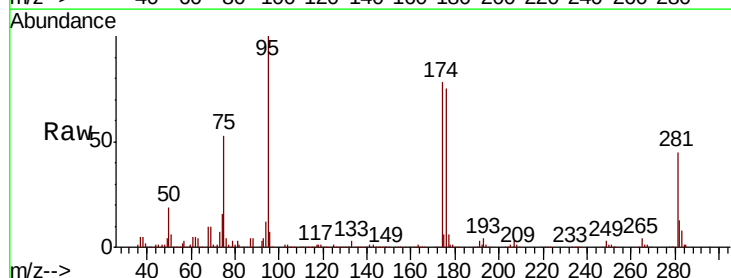
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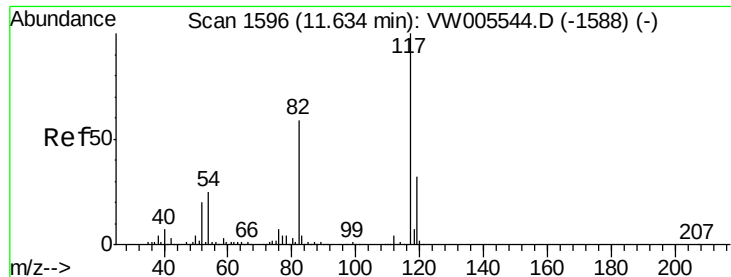
apatel
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#62
 4-Bromofluorobenzene
 Concen: 56.975 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	163.8
176	78.1	0.0	158.0





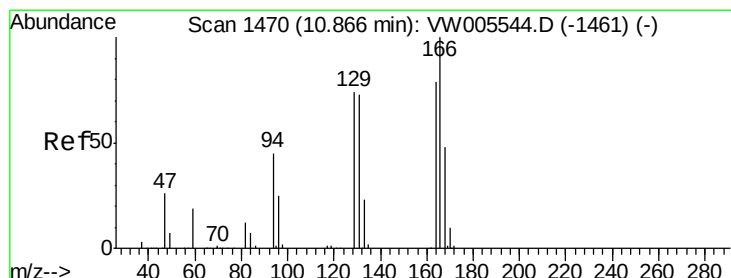
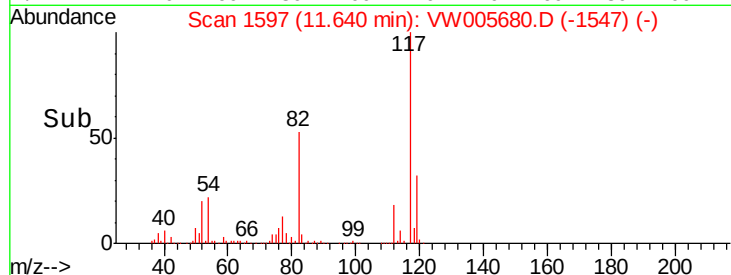
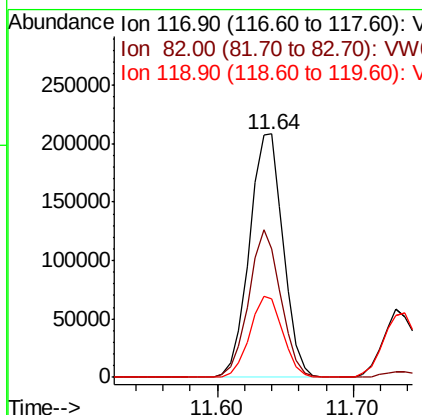
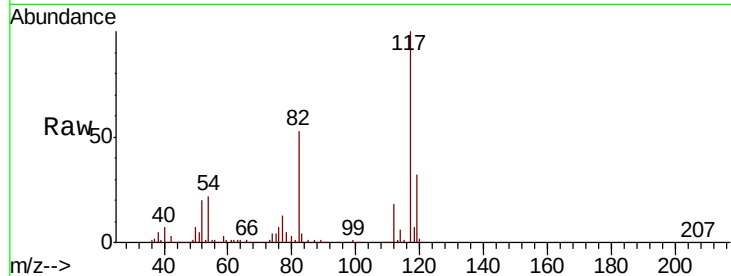
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	46.9	70.3
119	32.3	25.7	38.5

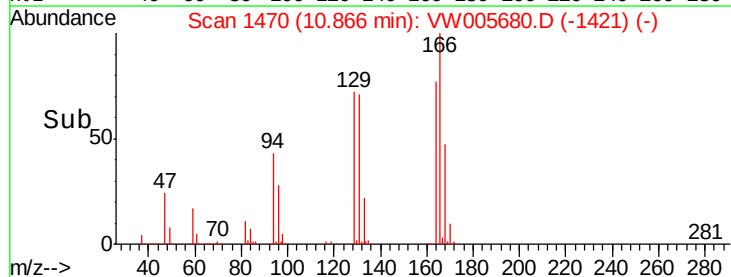
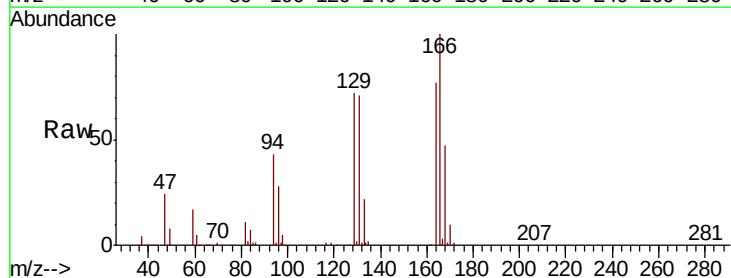
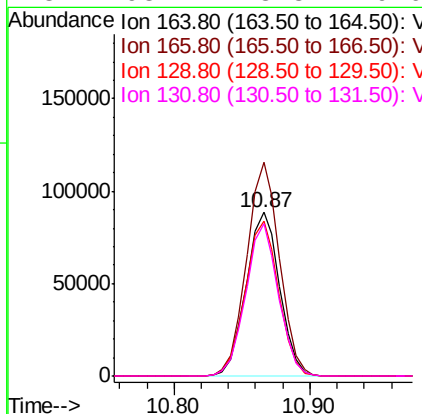
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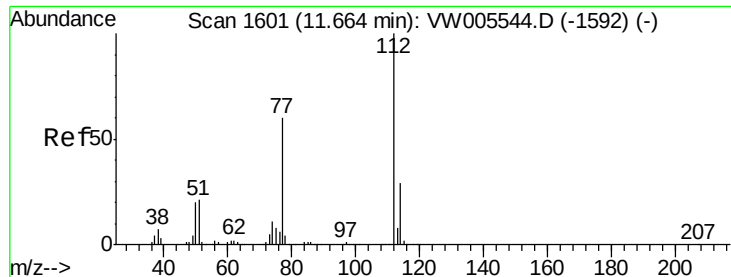
apatel
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#64
Tetrachloroethene
Concen: 59.431 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.7	101.1	151.7
129	94.6	74.4	111.6
131	93.1	73.8	110.6





#65

Chlorobenzene

Concen: 55.361 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 425297

Ion Ratio Lower Upper

112 100

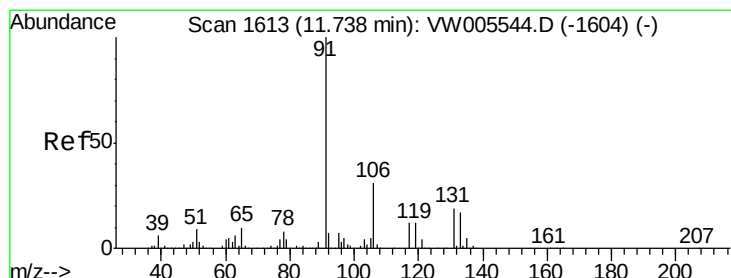
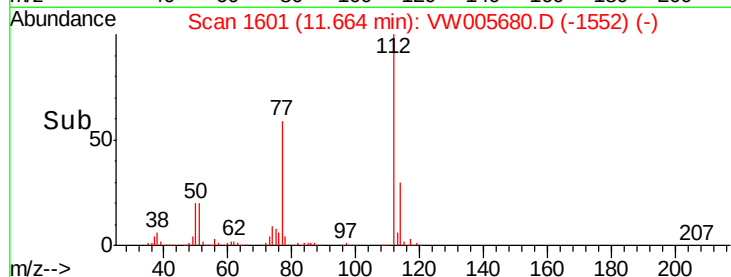
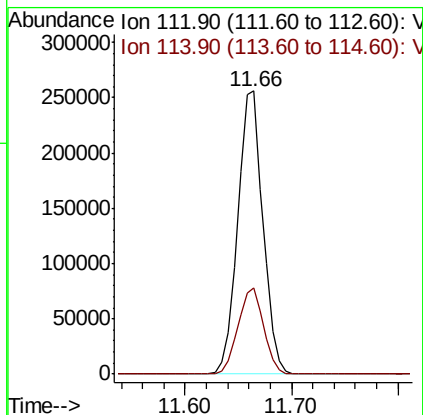
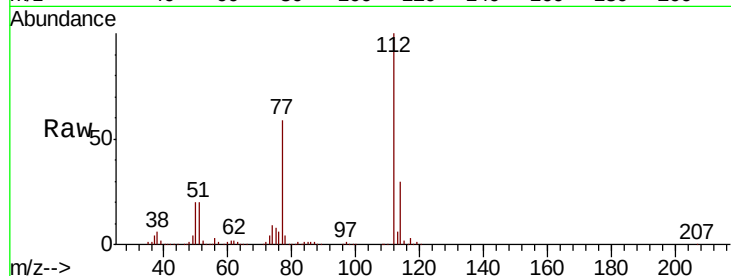
114 30.4 22.9 34.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 52.074 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

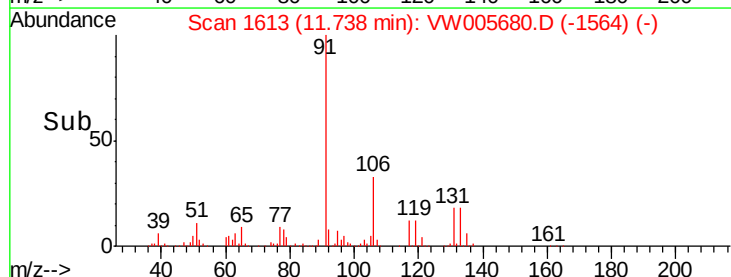
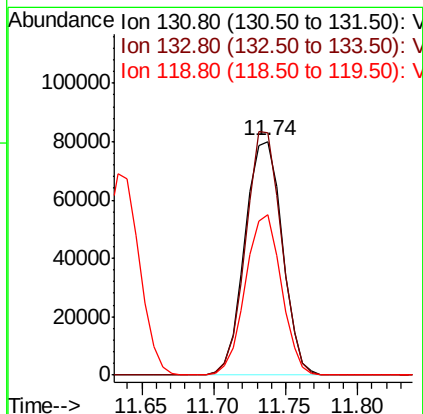
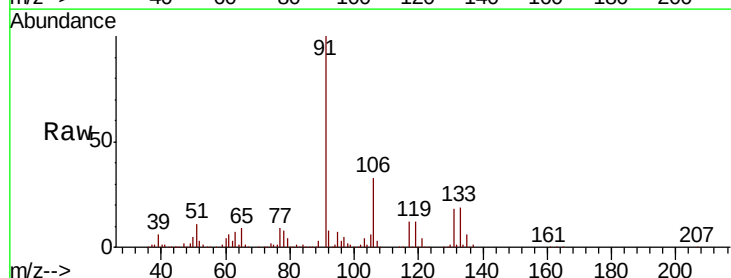
Tgt Ion:131 Resp: 143980

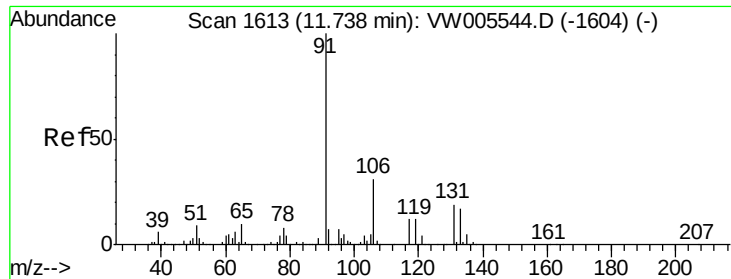
Ion Ratio Lower Upper

131 100

133 99.5 47.2 141.6

119 66.0 31.1 93.2





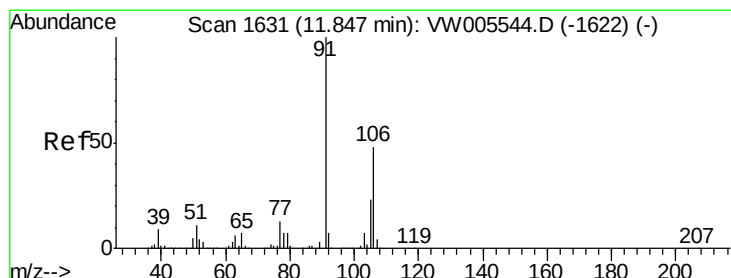
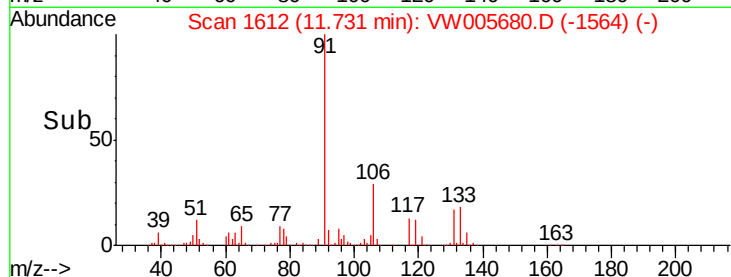
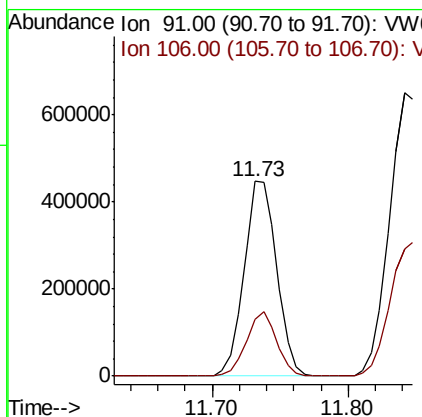
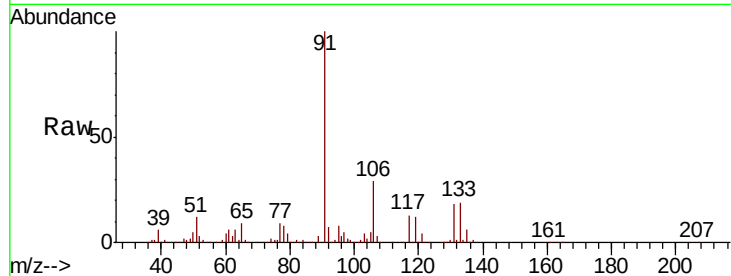
#67
Ethyl Benzene
Concen: 55.003 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 750014
Ion Ratio Lower Upper
91 100
106 29.0 24.4 36.6

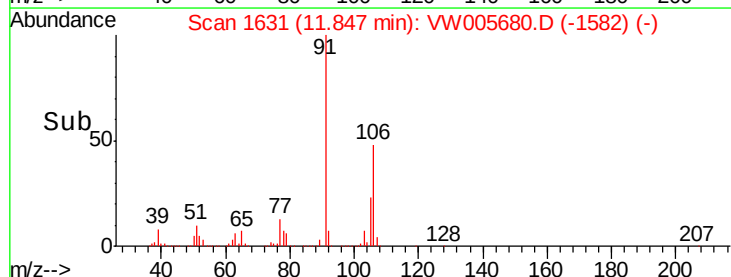
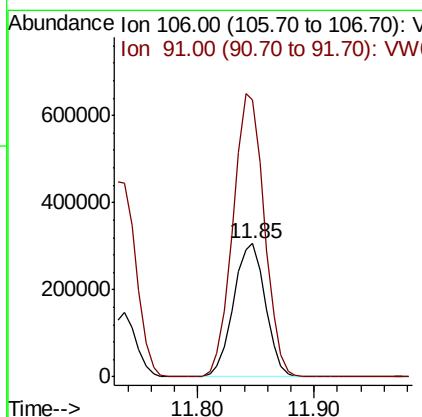
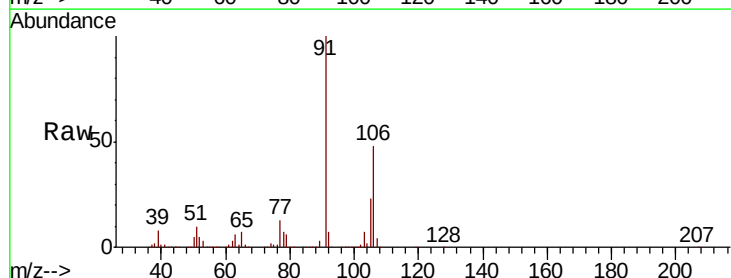
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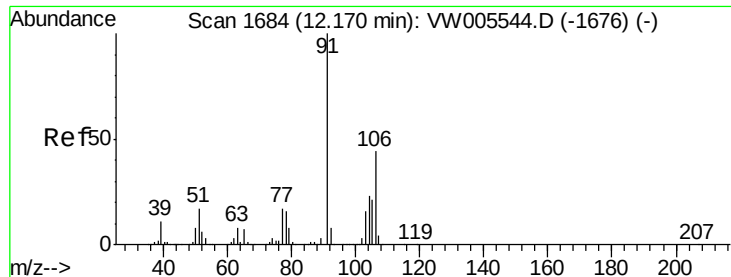
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#68
m/p-Xylenes
Concen: 113.387 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion: 106 Resp: 584138
Ion Ratio Lower Upper
106 100
91 208.9 167.8 251.8





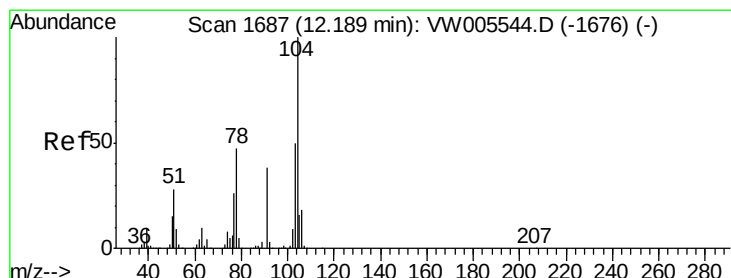
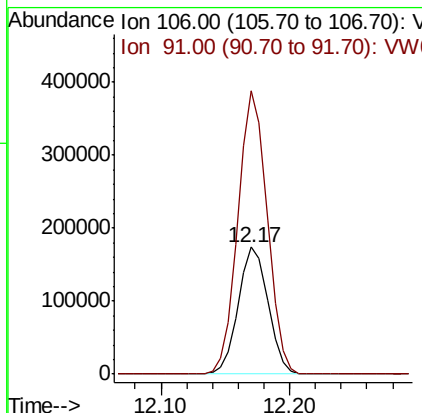
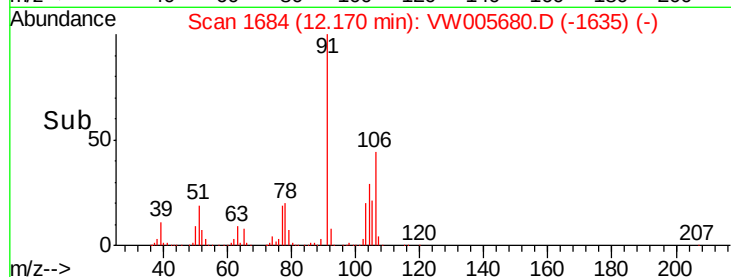
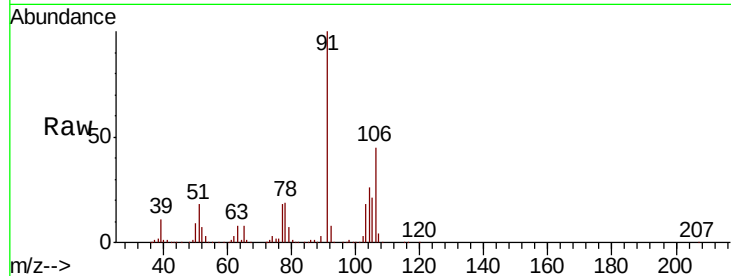
#69
o-Xylene
Concen: 57.524 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 277543
Ion Ratio Lower Upper
106 100
91 220.4 111.0 333.0

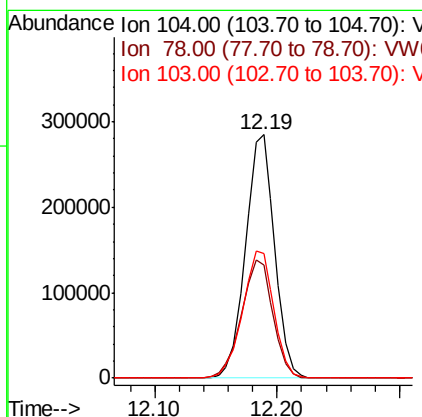
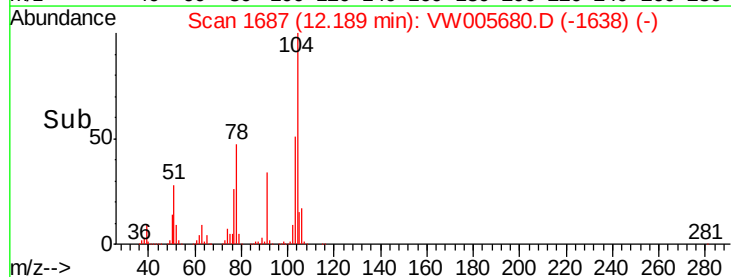
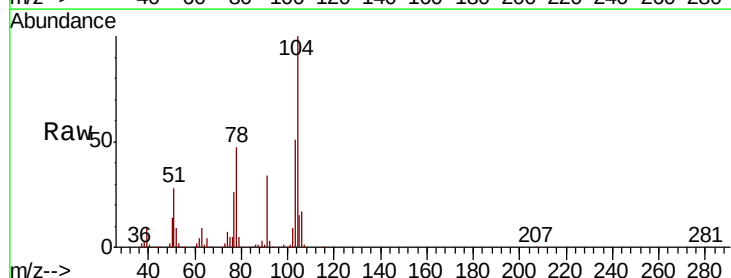
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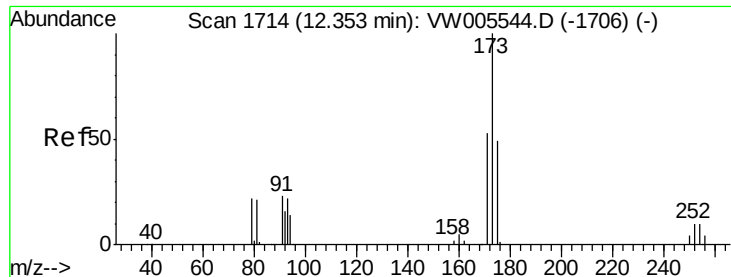
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#70
Styrene
Concen: 57.803 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion:104 Resp: 469333
Ion Ratio Lower Upper
104 100
78 52.3 42.2 63.4
103 56.0 44.6 66.8





#71

Bromoform

Concen: 56.289 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 82612

Ion Ratio Lower Upper

173 100

175 48.1 24.3 72.9

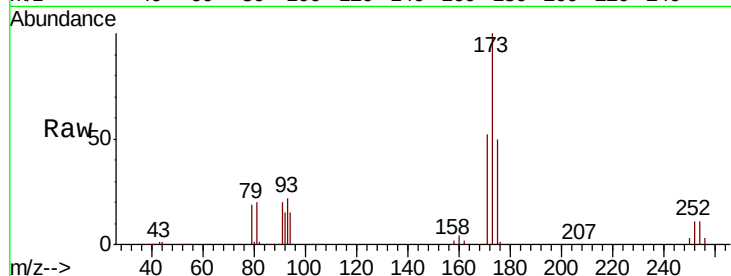
254 0.1 0.1 0.1#

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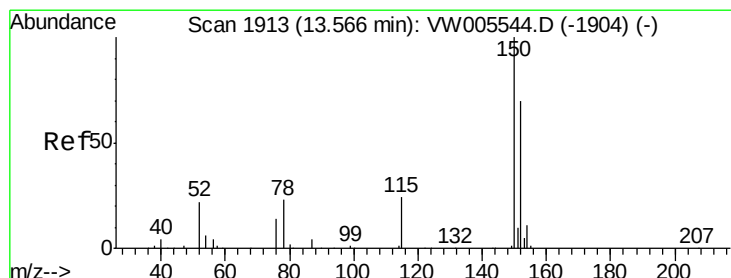
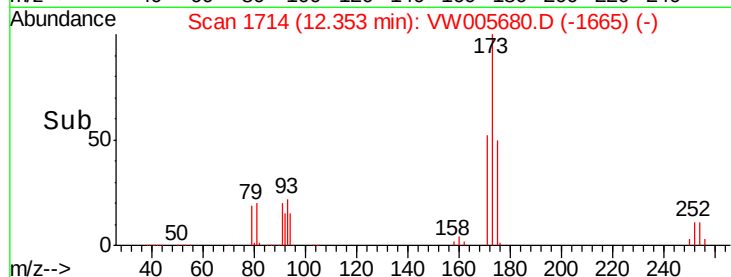
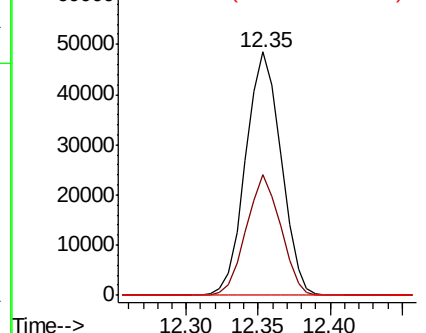
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

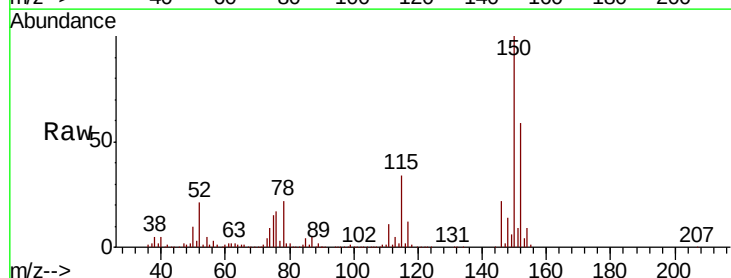
Tgt Ion:152 Resp: 190547

Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

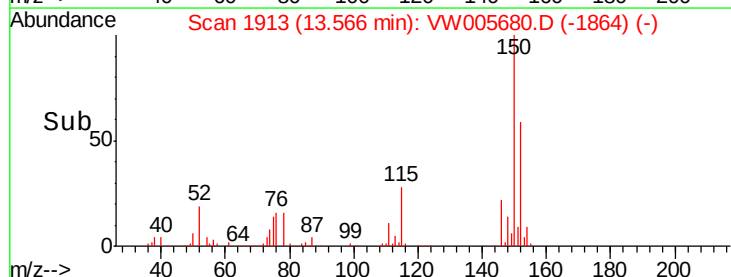
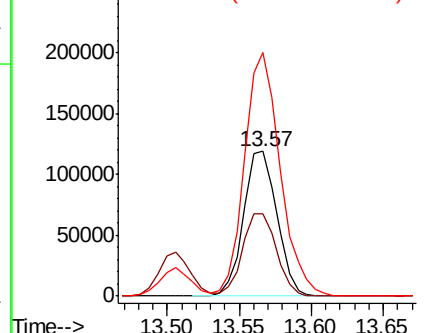
150 179.8 0.0 348.6

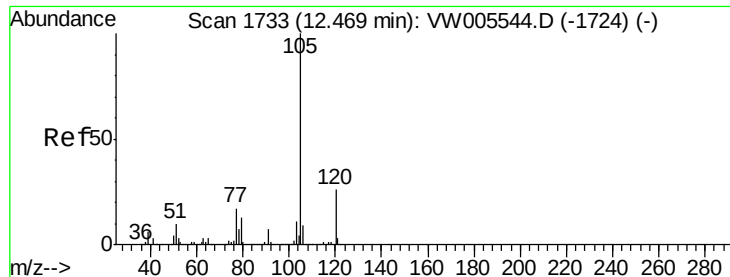


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 59.233 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 105 Resp: 782703

Ion Ratio Lower Upper

105 100

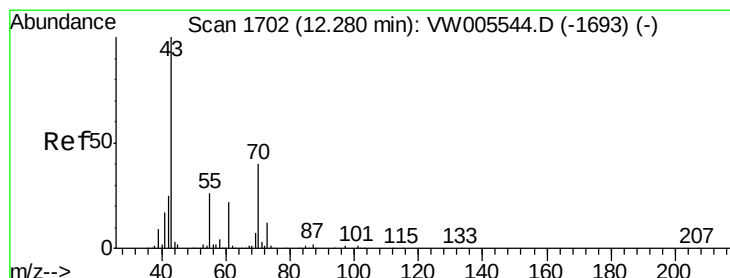
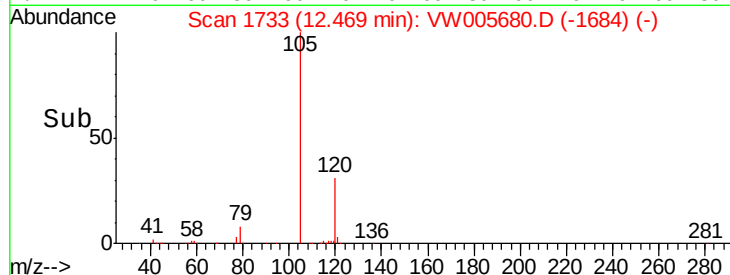
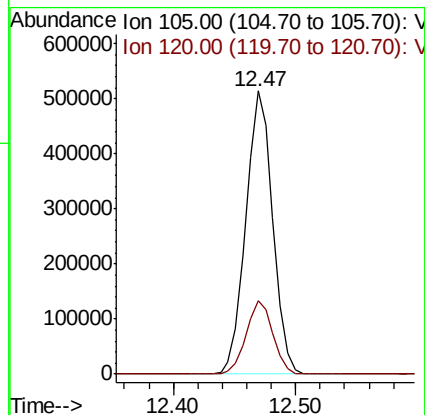
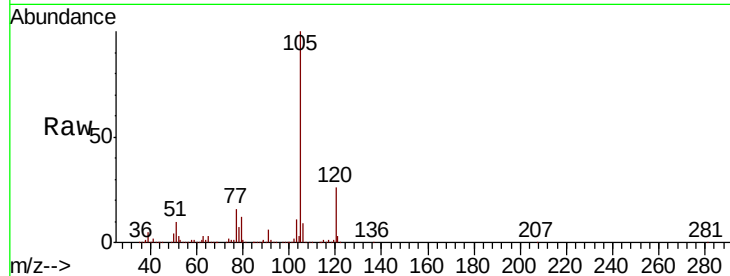
120 25.8 12.9 38.7

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#74

N-ethyl acetate

Concen: 61.248 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Tgt Ion: 43 Resp: 183264

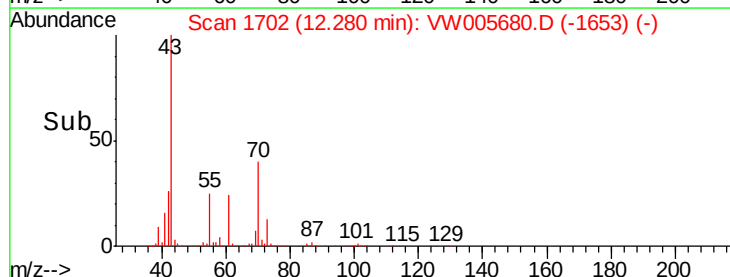
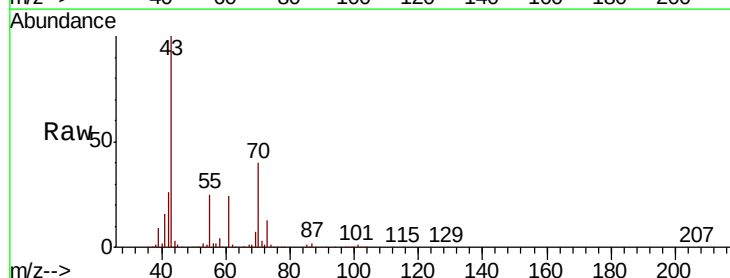
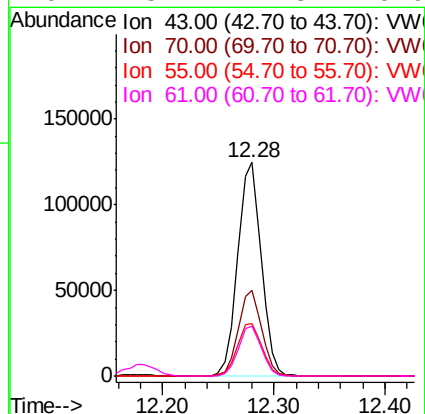
Ion Ratio Lower Upper

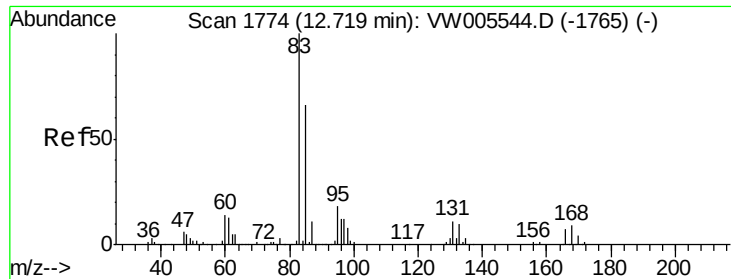
43 100

70 39.7 31.4 47.0

55 25.8 20.9 31.3

61 23.1 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 58.114 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

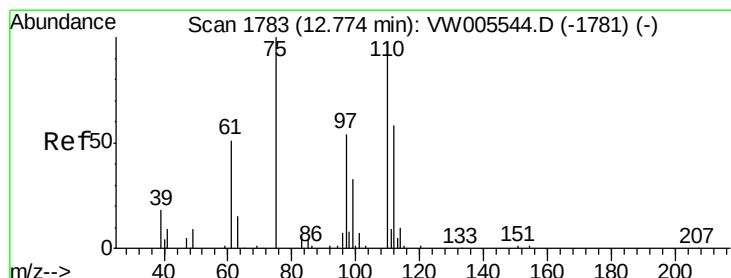
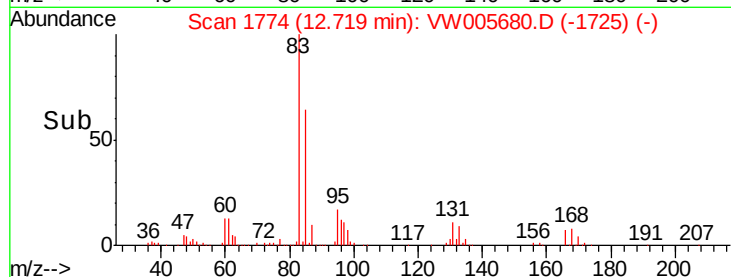
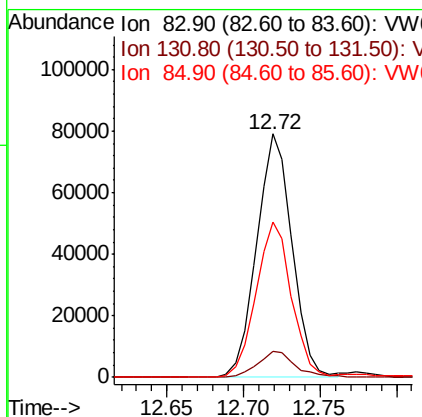
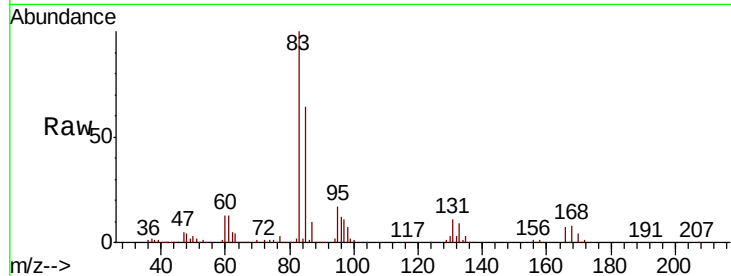
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	127553
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.5	16.7
85	63.8	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 52.896 ug/l m

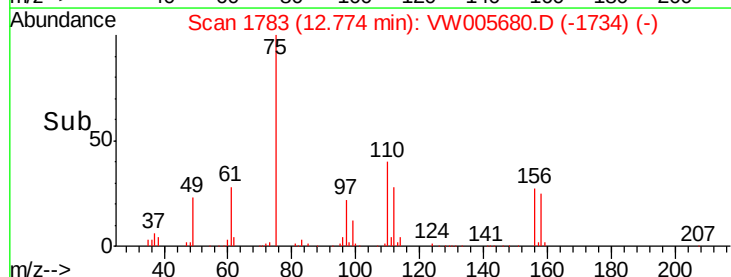
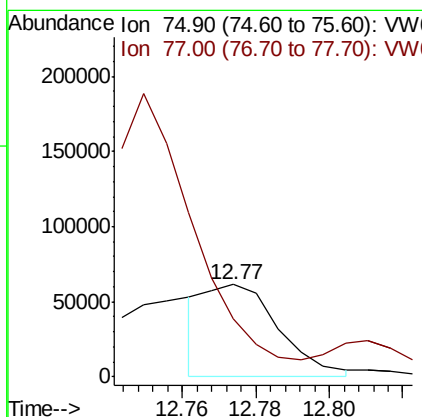
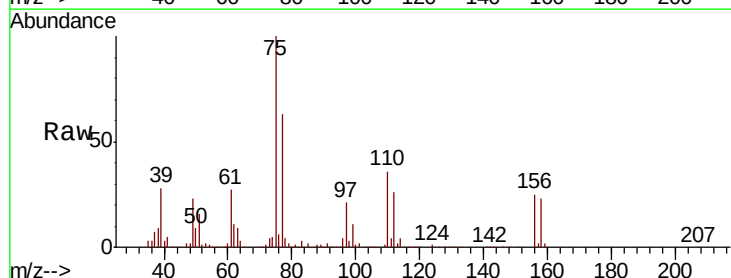
RT: 12.77 min Scan# 1783

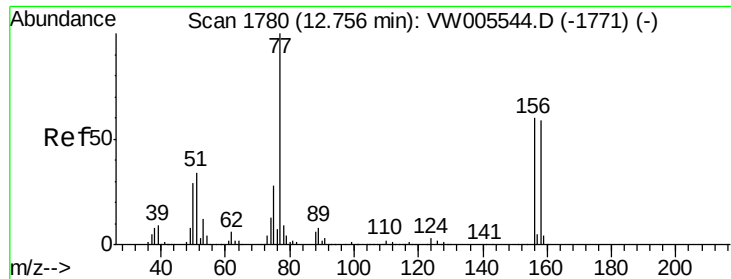
Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Tgt Ion:	75	Resp:	85918
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 56.892 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

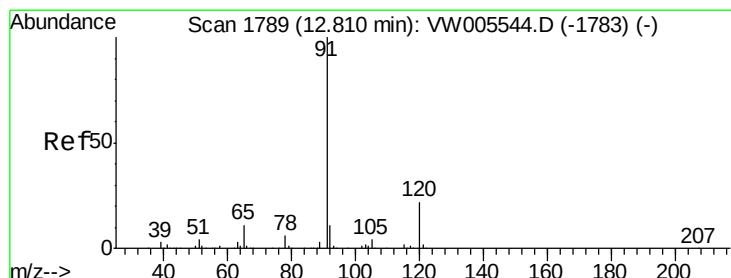
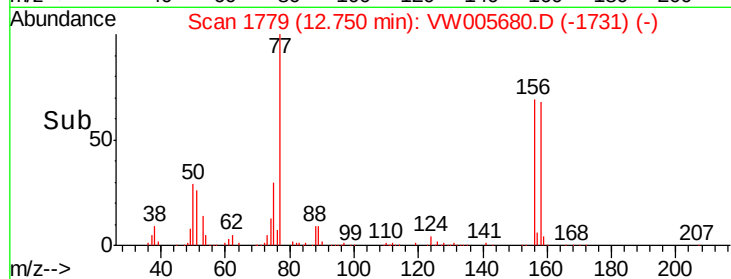
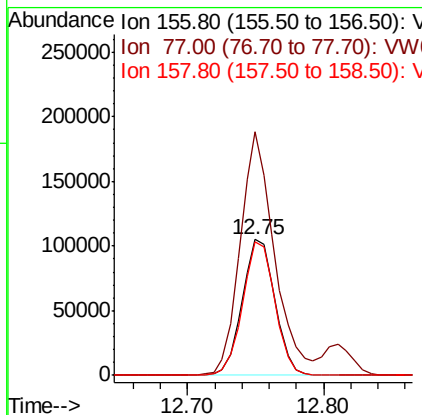
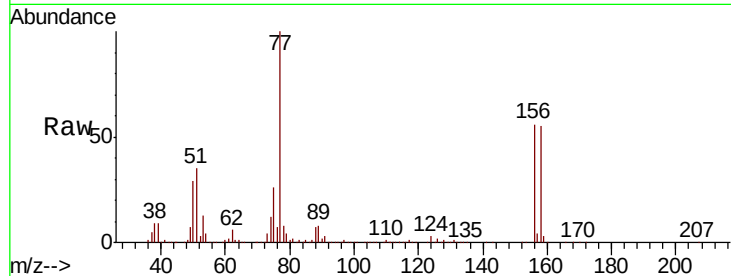
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	187.3	94.7	284.1
158	97.1	48.0	144.2

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#78

n-propylbenzene

Concen: 58.208 ug/l

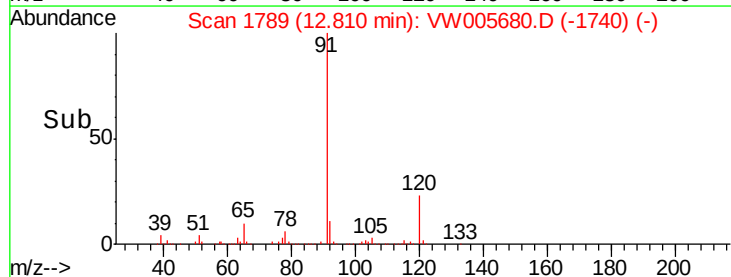
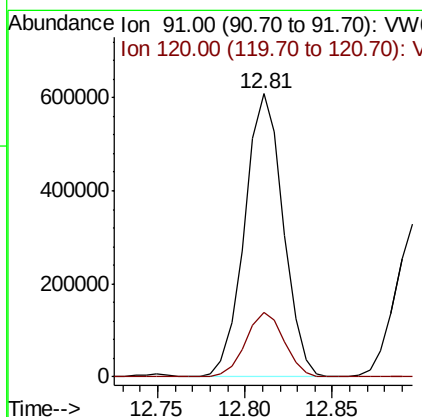
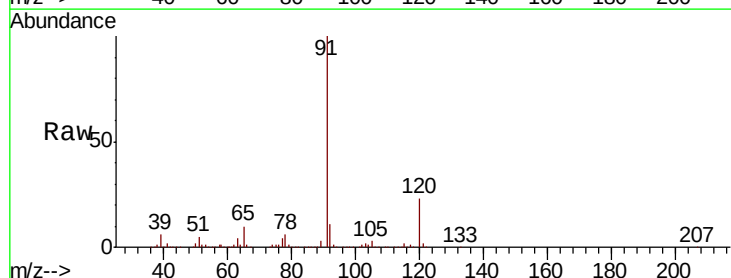
RT: 12.81 min Scan# 1789

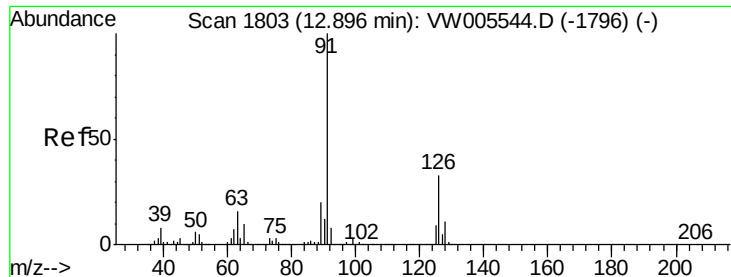
Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.2	33.5





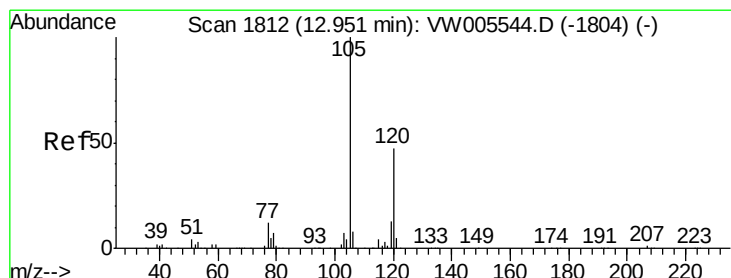
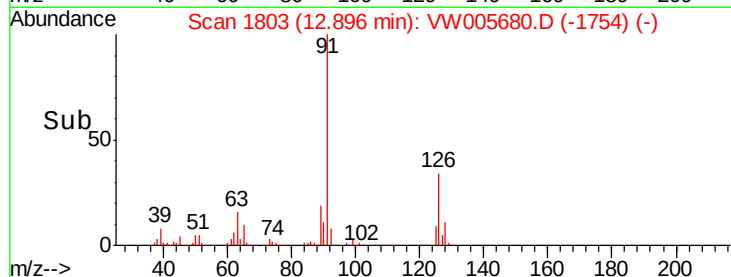
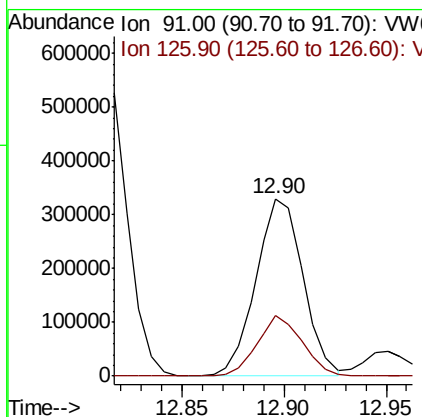
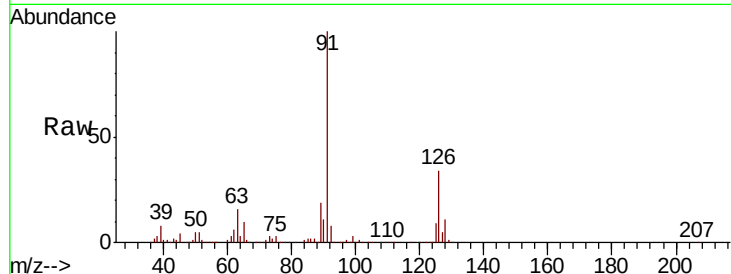
#79
 2-Chlorotoluene
 Concen: 57.425 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.1

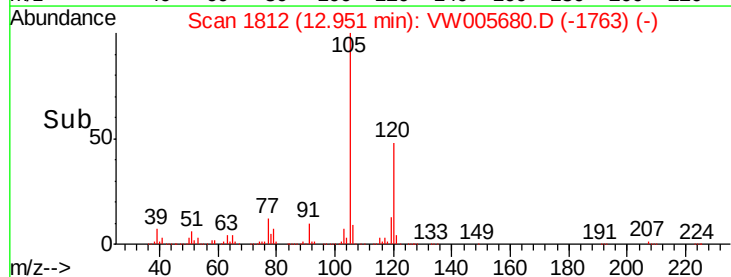
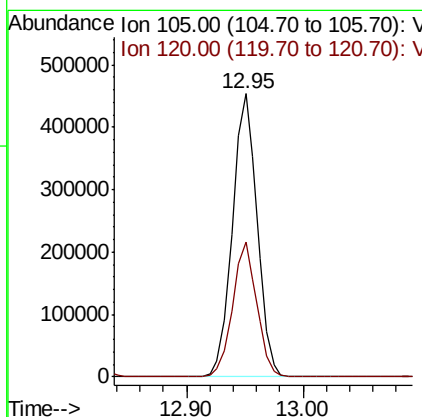
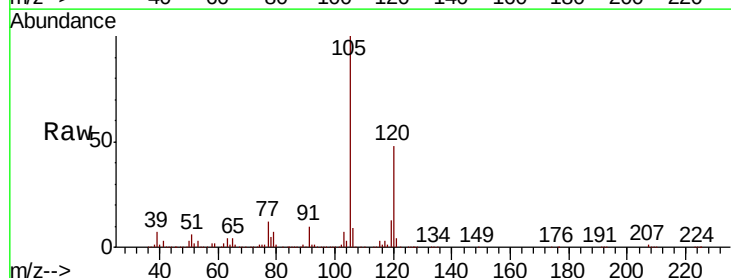
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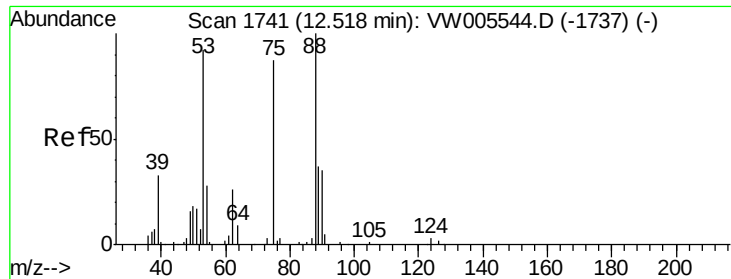
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 58.338 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.6	70.8





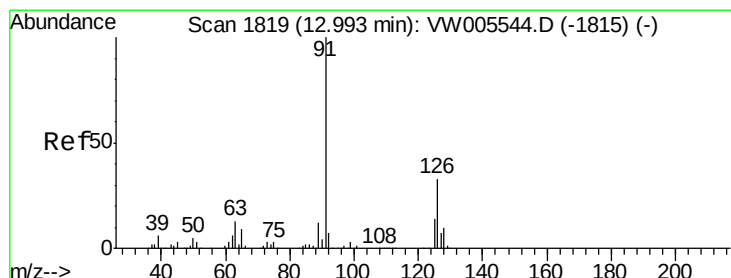
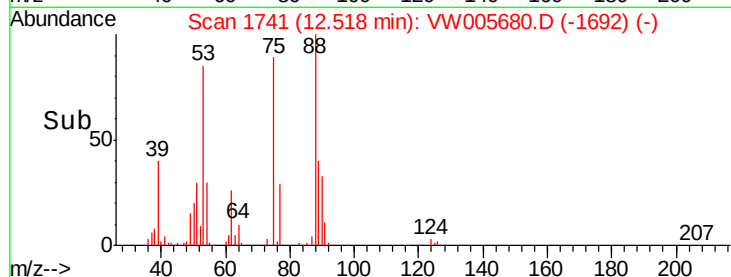
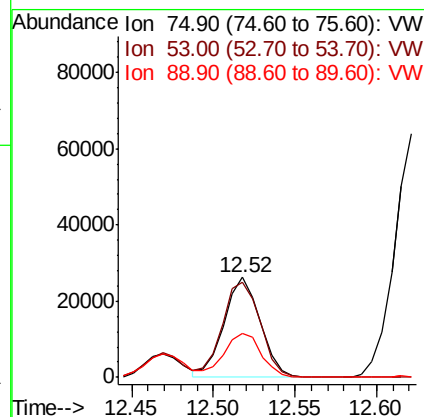
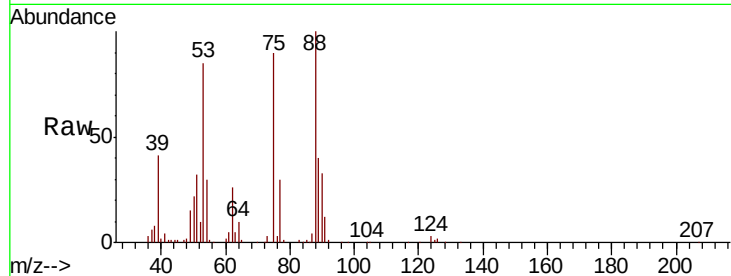
#81
trans-1,4-Dichloro-2-butene
Concen: 56.776 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.5	85.8	128.6
89	44.1	37.3	55.9

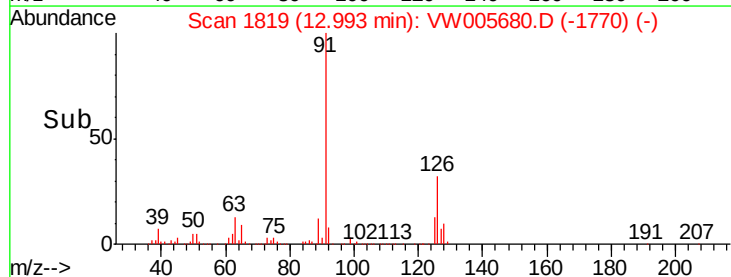
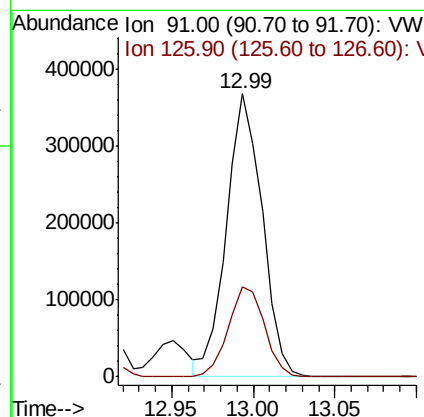
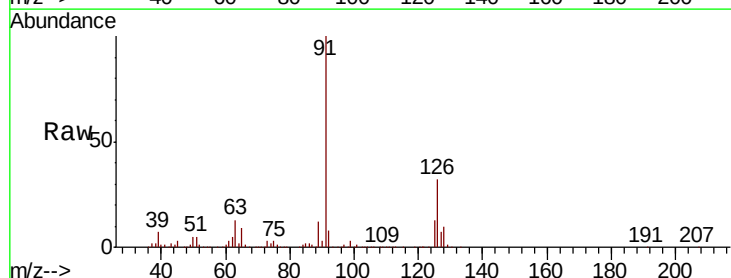
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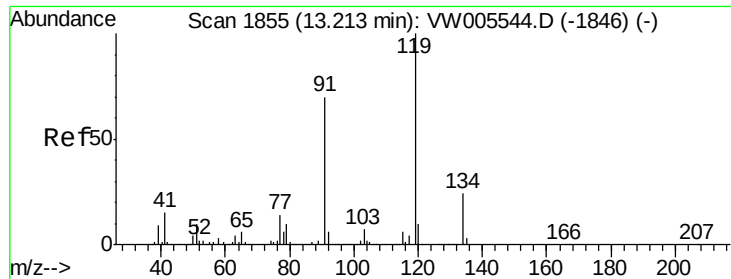
apatel
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#82
4-Chlorotoluene
Concen: 57.448 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.4





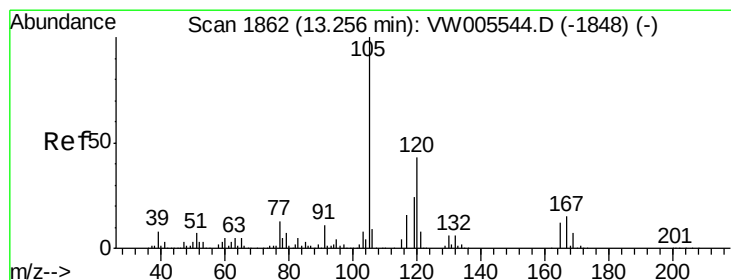
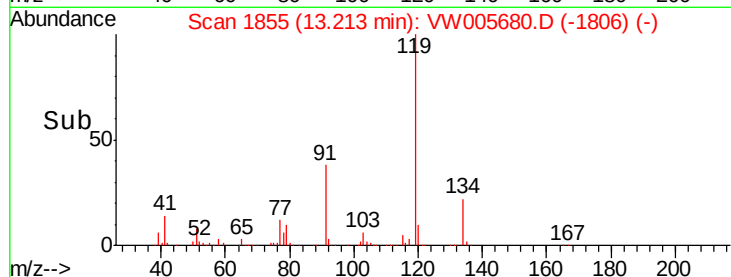
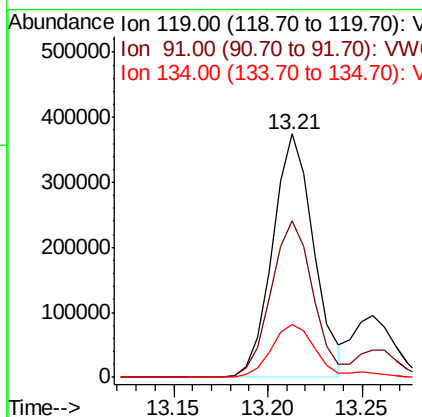
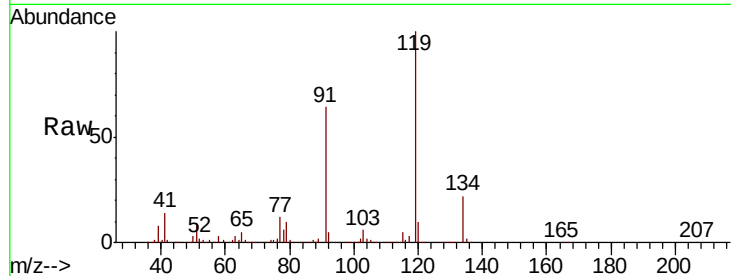
#83
 tert-Butylbenzene
 Concen: 58.902 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.2	34.6	103.8
134	22.9	12.6	37.6

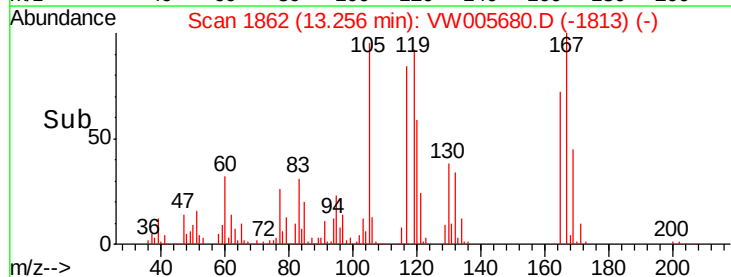
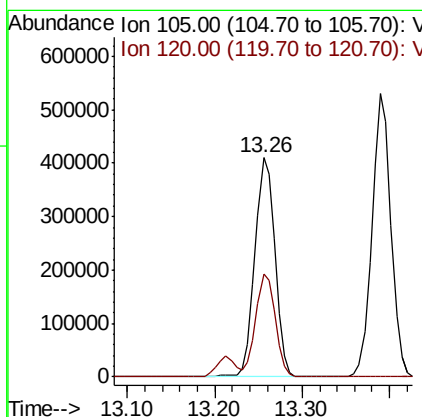
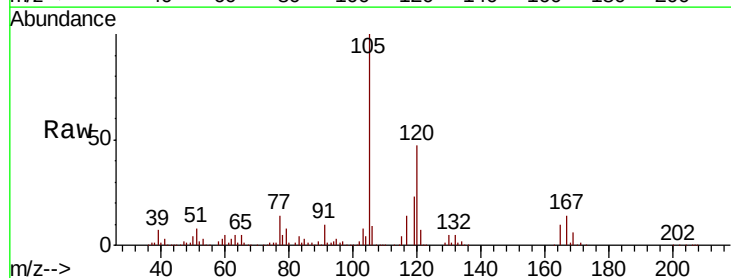
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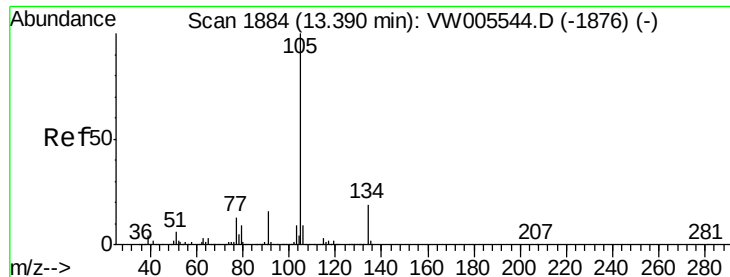
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.371 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	21.5	64.5





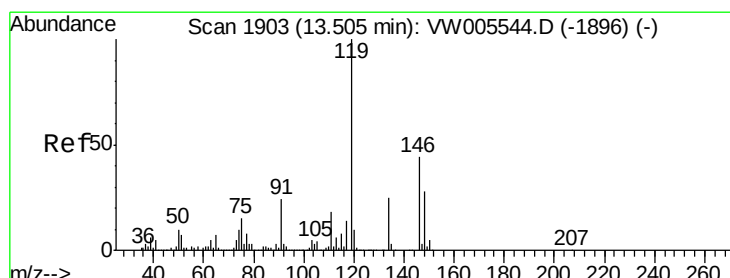
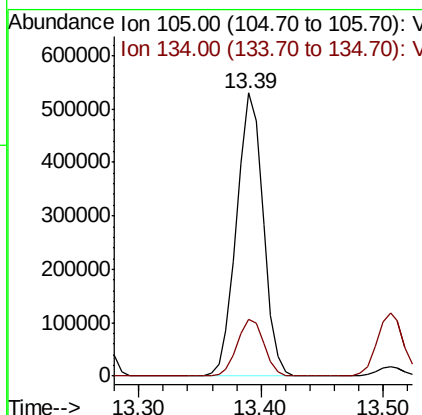
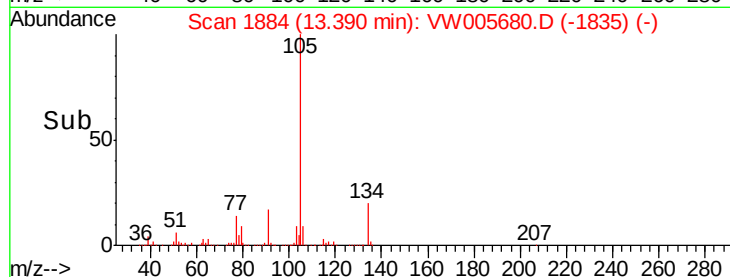
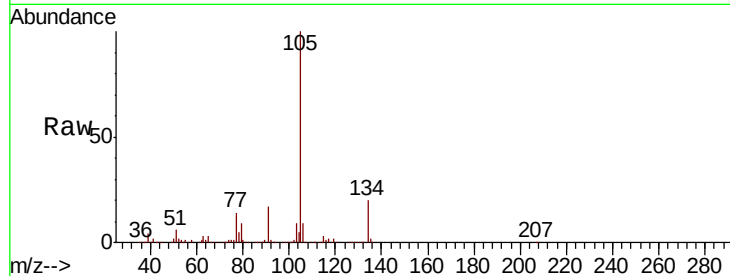
#85
 sec-Butylbenzene
 Concen: 56.787 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.8	29.5

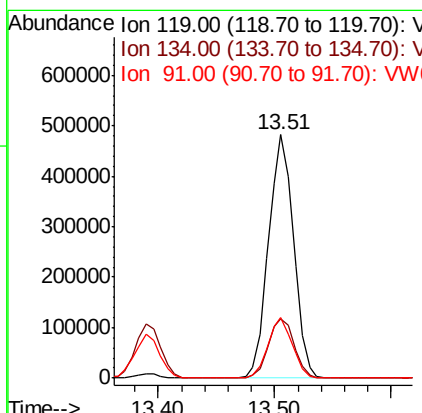
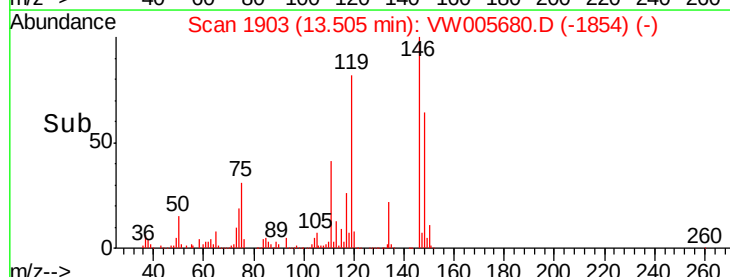
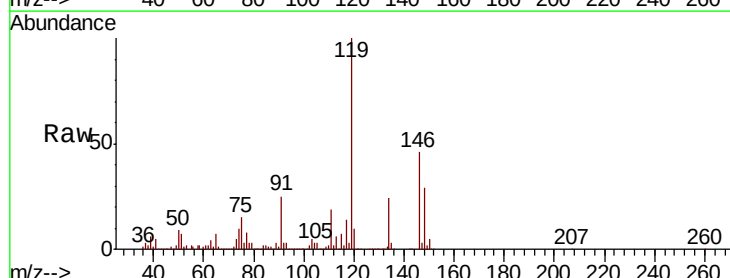
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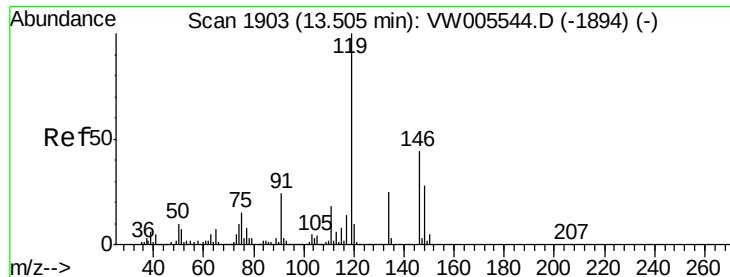
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#86
 p-Isopropyltoluene
 Concen: 56.853 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.7	38.1
91	24.0	12.2	36.4





#87

1,3-Dichlorobenzene

Concen: 54.751 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005680.D

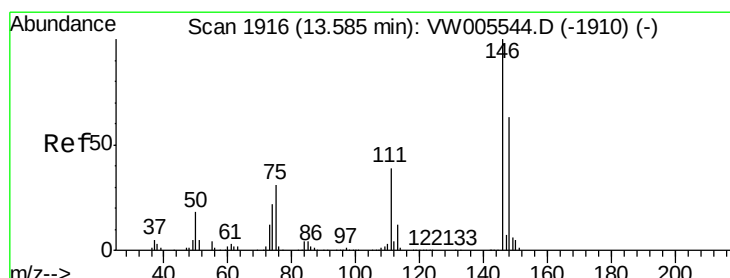
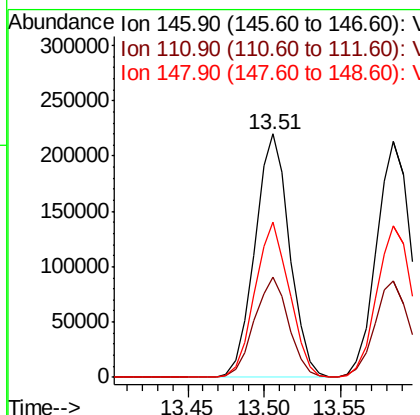
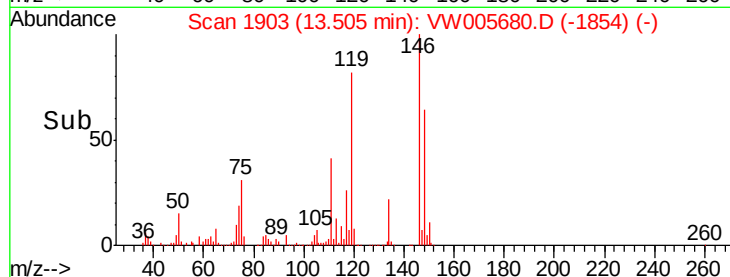
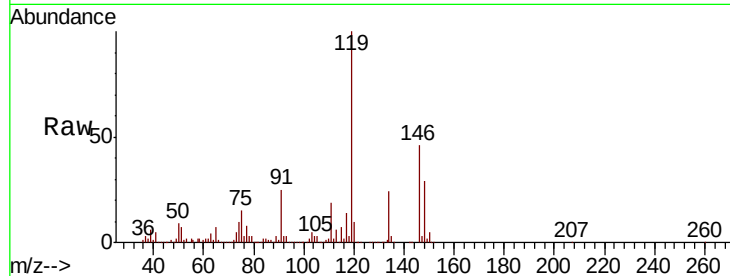
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	346727		
111	40.7	20.3	60.9	
148	63.5	31.8	95.4	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 53.400 ug/l

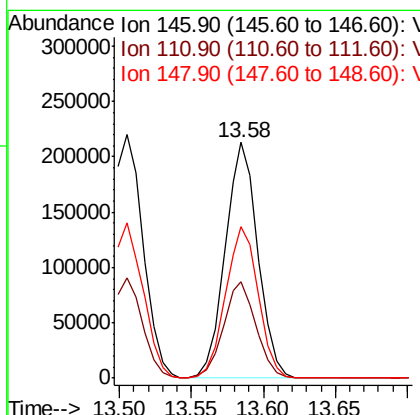
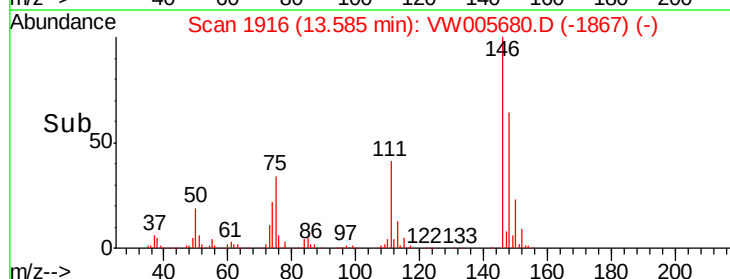
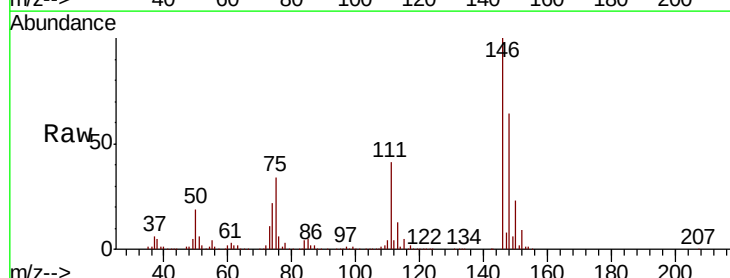
RT: 13.58 min Scan# 1916

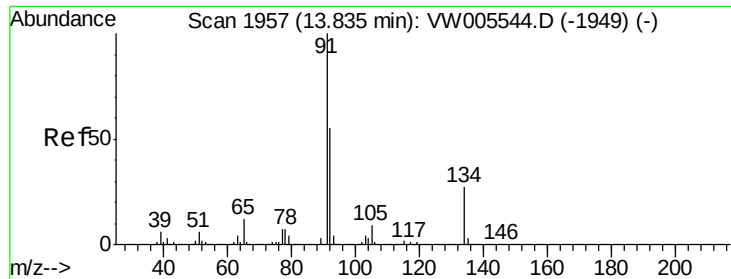
Delta R.T. -0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	336331		
111	40.8	19.9	59.7	
148	64.5	32.1	96.3	





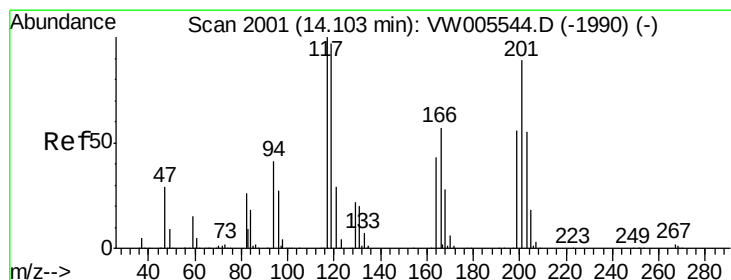
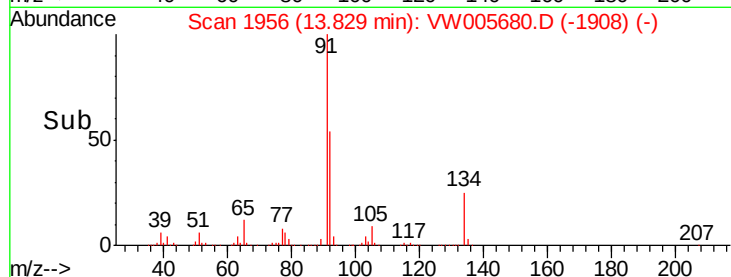
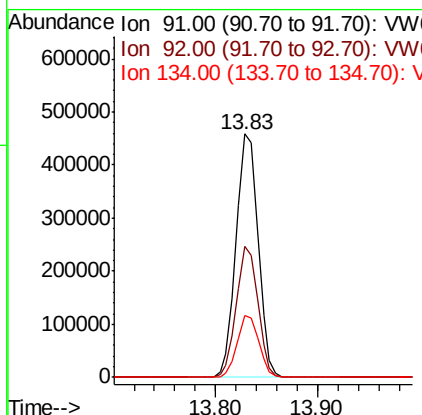
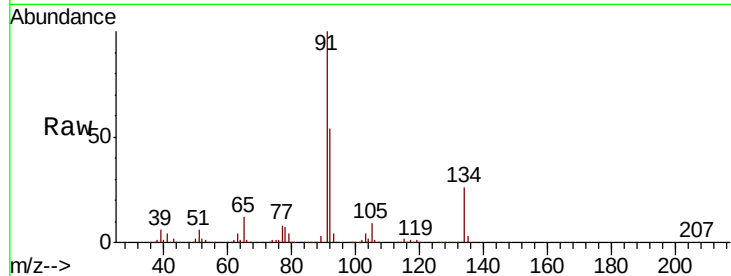
#89
n-Butylbenzene
Concen: 57.599 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.5	79.5
134	25.3	12.9	38.7

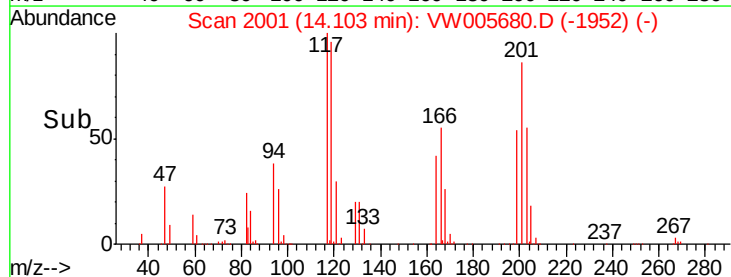
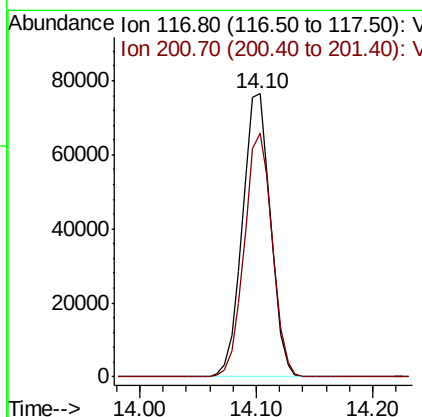
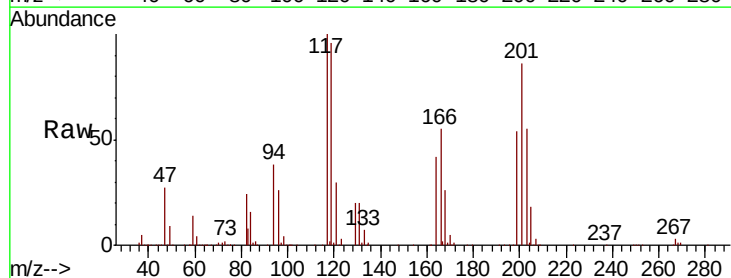
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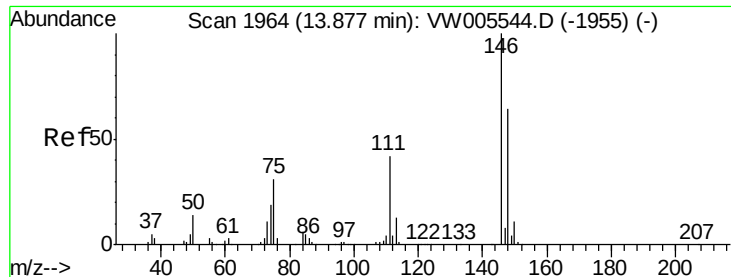
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#90
Hexachloroethane
Concen: 56.859 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.1	42.8	128.3





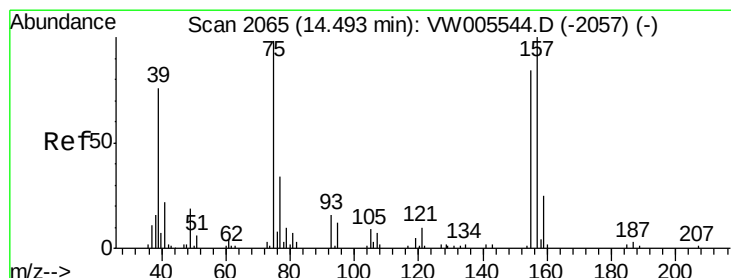
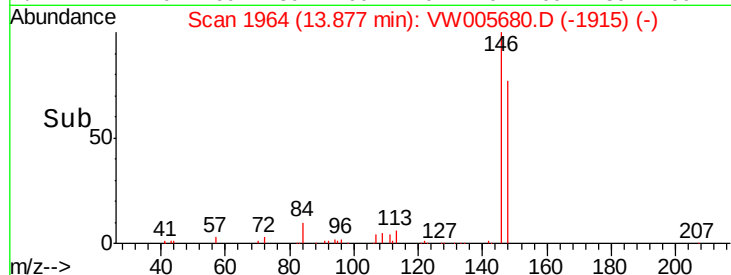
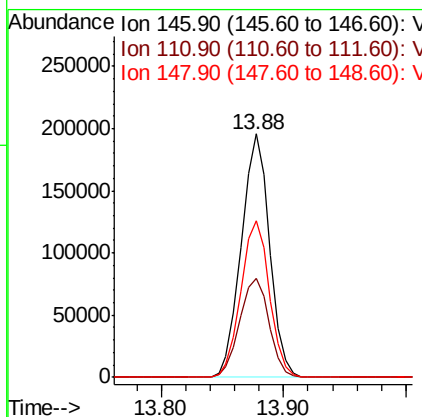
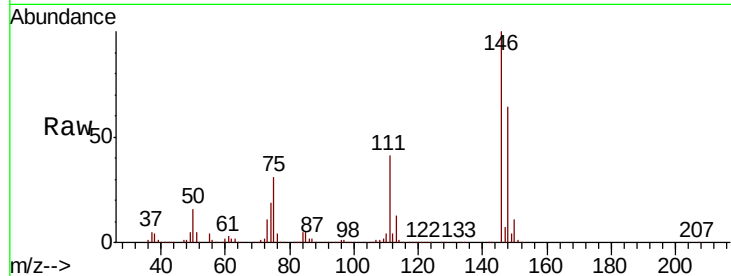
#91
 1,2-Dichlorobenzene
 Concen: 56.015 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	146	Resp:	313147
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.3	63.9
148	64.9	32.0	96.2

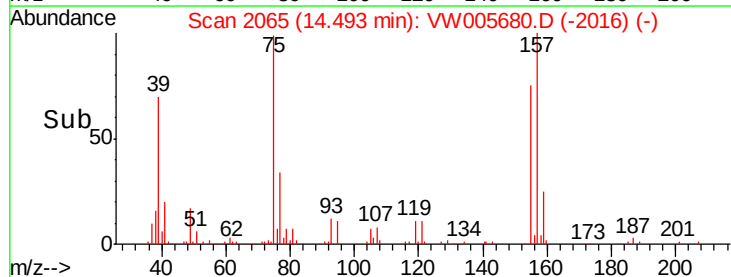
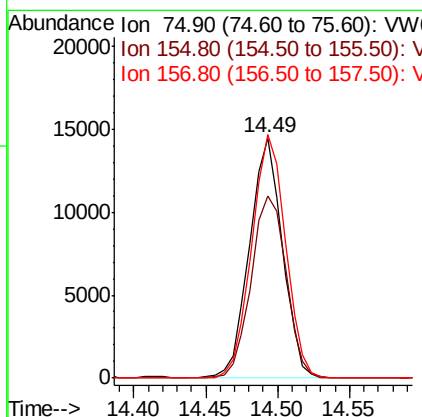
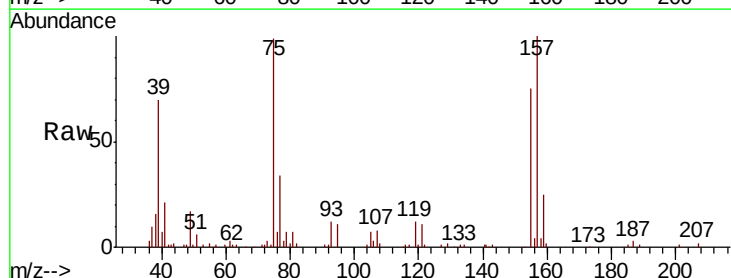
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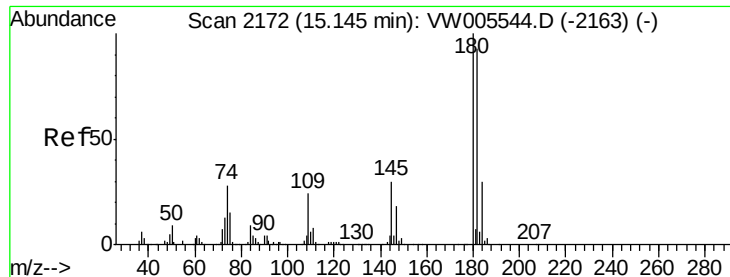
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.704 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion:	75	Resp:	22876
Ion Ratio	Lower	Upper	
75	100		
155	80.5	39.1	117.5
157	103.6	50.8	152.4





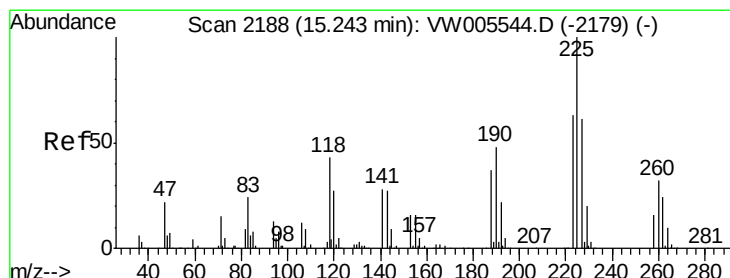
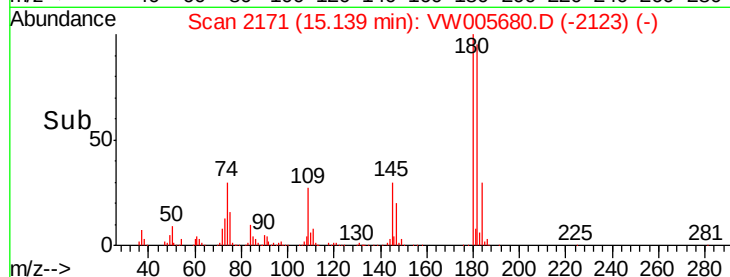
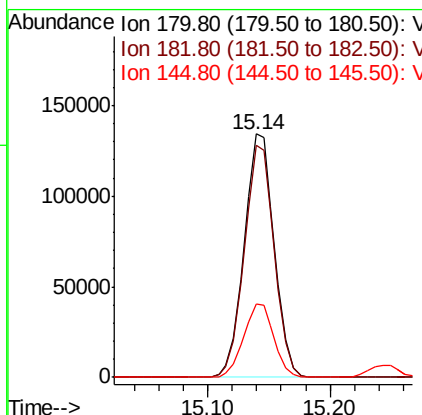
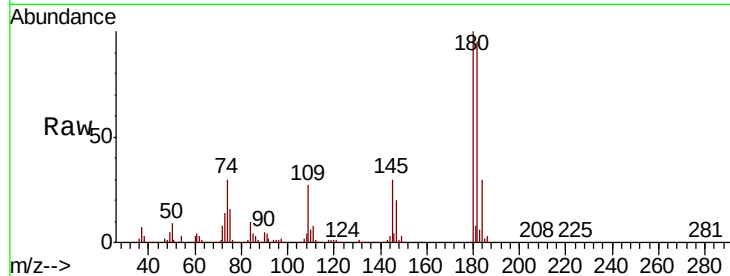
#93
 1,2,4-Trichlorobenzene
 Concen: 57.209 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	47.7	143.1	
145	30.3	15.0	45.1	

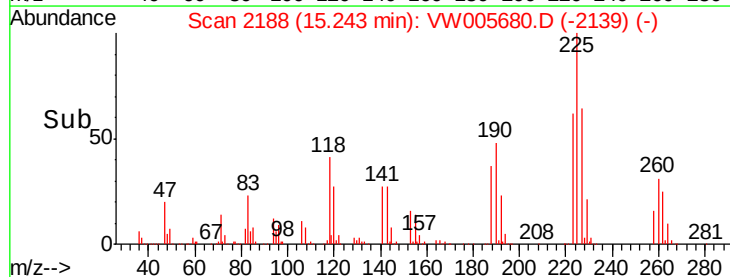
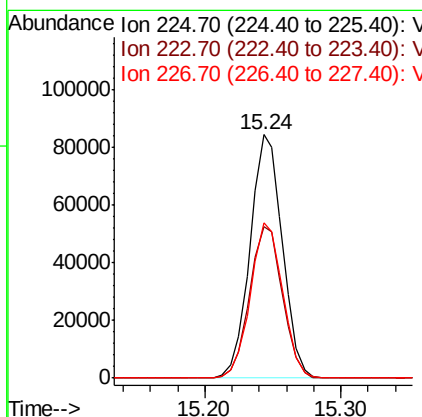
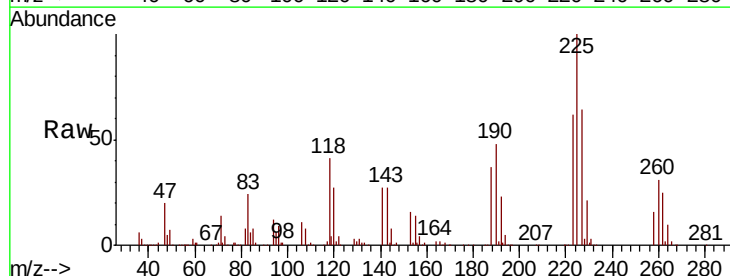
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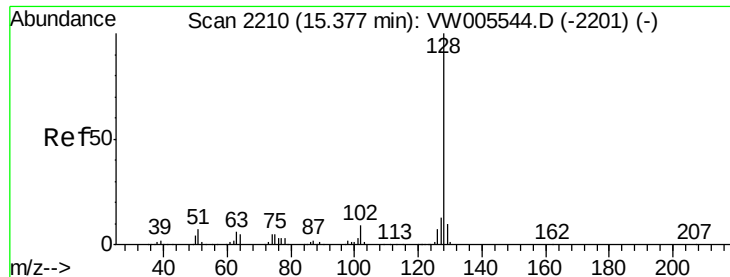
apatel
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#94
 Hexachlorobutadiene
 Concen: 54.422 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	31.1	93.3	
227	63.8	31.8	95.3	





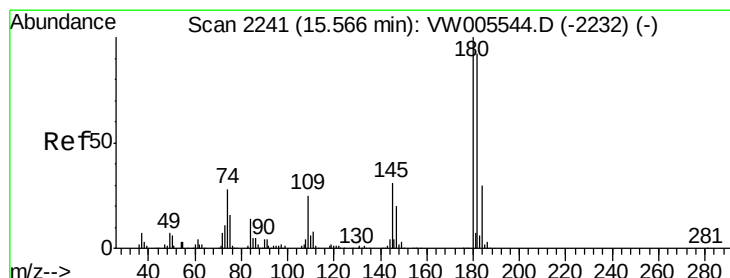
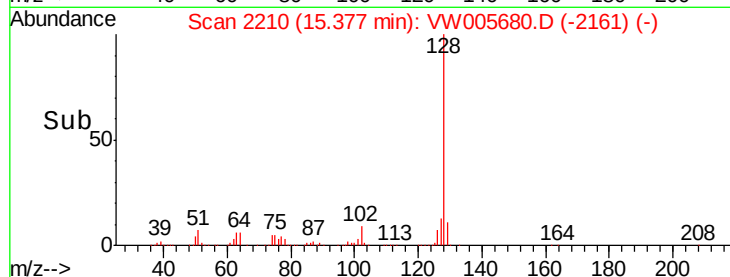
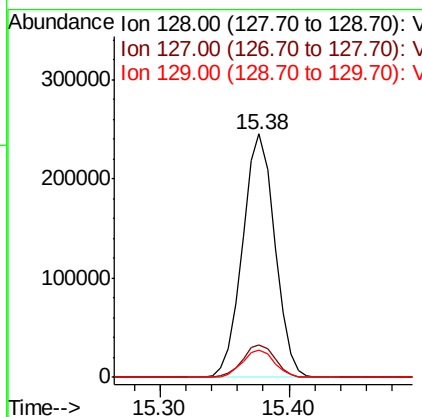
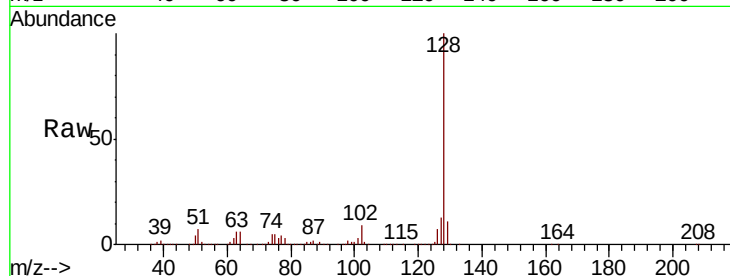
#95
Naphthalene
Concen: 63.174 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.9	16.3
129	11.0	8.6	13.0

Manual Integrations
APPROVED

apatel
9/27/2018 10:33:57 AM



#96
1,2,3-Trichlorobenzene
Concen: 58.488 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	141.9
145	32.4	16.0	47.9

