

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005576.D
 Acq On : 24 Sep 2018 11:04
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/25/2018 11:54:26 AM

Quant Time: Sep 24 16:15:46 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	7.96	168	233919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	340232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	306265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164548	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124824	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
35) Dibromofluoromethane	7.89	113	106358	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	10.33	98	451252	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.63	95	159676	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	83139	59.731	ug/l	94
3) Chloromethane	2.22	50	88450	47.038	ug/l	98
4) Vinyl Chloride	2.37	62	116719	51.929	ug/l	100
5) Bromomethane	2.79	94	76310	50.238	ug/l	97
6) Chloroethane	2.93	64	73394	50.888	ug/l	99
7) Trichlorofluoromethane	3.27	101	107910	61.384	ug/l	95
8) Diethyl Ether	3.68	74	51491	44.839	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	116585	52.390	ug/l	99
10) Methyl Iodide	4.27	142	167702	49.003	ug/l	100
11) Tert butyl alcohol	5.22	59	31975	224.483	ug/l	97
12) 1,1-Dichloroethene	4.04	96	104423	49.015	ug/l	94
13) Acrolein	3.90	56	25396	268.349	ug/l	97
14) Allyl chloride	4.67	41	176565	47.489	ug/l	98
15) Acrylonitrile	5.38	53	107145	210.147	ug/l	100
16) Acetone	4.14	43	112182	259.298	ug/l	98
17) Carbon Disulfide	4.38	76	327160	49.150	ug/l	99
18) Methyl Acetate	4.68	43	53228	40.753	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	155948	47.425	ug/l	99
20) Methylene Chloride	4.92	84	111273	48.025	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	114886	49.235	ug/l	100
22) Diisopropyl ether	6.32	45	343331	47.569	ug/l	100
23) Vinyl Acetate	6.26	43	949722	230.216	ug/l	99
24) 1,1-Dichloroethane	6.22	63	212340	47.617	ug/l	99
25) 2-Butanone	7.18	43	135363	202.245	ug/l	99
26) 2,2-Dichloropropane	7.17	77	159940	51.376	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	123570	48.013	ug/l	99
28) Bromochloromethane	7.52	49	76572	43.350	ug/l	96
29) Tetrahydrofuran	7.54	42	85332	204.077	ug/l	99
30) Chloroform	7.68	83	222304	48.287	ug/l	100
31) Cyclohexane	7.96	56	206618	48.362	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	208790	51.338	ug/l	99
36) 1,1-Dichloropropene	8.09	75	179948	52.540	ug/l	100
37) Ethyl Acetate	7.26	43	59996	41.626	ug/l	98
38) Carbon Tetrachloride	8.07	117	198586	54.108	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	219312	54.273	ug/l	99
40) Benzene	8.33	78	485473	50.027	ug/l	98
41) Methacrylonitrile	7.49	41	39403	48.042	ug/l	98
42) 1,2-Dichloroethane	8.40	62	149844	48.229	ug/l	99
43) Isopropyl Acetate	8.43	43	122966	43.393	ug/l	99
44) Trichloroethene	9.10	130	129272	52.043	ug/l	96
45) 1,2-Dichloropropane	9.37	63	116966	48.993	ug/l	100
46) Dibromomethane	9.46	93	56517	47.379	ug/l	97
47) Bromodichloromethane	9.65	83	159928	49.909	ug/l	100
48) Methyl methacrylate	9.45	41	61730	45.863	ug/l	96
49) 1,4-Dioxane	9.48	88	18615	981.534	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	309046	216.531	ug/l	100
52) Toluene	10.40	92	317043	52.360	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	162673	50.640	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	186698	51.872	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	80549	47.570	ug/l	98
56) Ethyl methacrylate	10.65	69	100642	48.148	ug/l	99
57) 1,3-Dichloropropane	10.94	76	140778	46.910	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	227551	240.153	ug/l	97
59) 2-Hexanone	10.98	43	218084	224.927	ug/l	100
60) Dibromochloromethane	11.13	129	102676	50.186	ug/l	99
61) 1,2-Dibromoethane	11.24	107	74661	47.292	ug/l	97
64) Tetrachloroethene	10.87	164	113625	52.273	ug/l	98
65) Chlorobenzene	11.66	112	337555	51.918	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	122616	52.400	ug/l	99
67) Ethyl Benzene	11.74	91	623385	54.017	ug/l	100
68) m/p-Xylenes	11.85	106	479889	110.066	ug/l	99
69) o-Xylene	12.18	106	220535	54.009	ug/l	99
70) Styrene	12.19	104	369053	53.706	ug/l	100
71) Bromoform	12.35	173	61500	49.513	ug/l #	99
73) Isopropylbenzene	12.48	105	644049	56.441	ug/l	100
74) N-amyl acetate	12.28	43	116275	45.000	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	88243	46.557	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	66627m	47.500	ug/l	
77) Bromobenzene	12.76	156	138002	51.599	ug/l	96
78) n-propylbenzene	12.81	91	778765	56.370	ug/l	99
79) 2-Chlorotoluene	12.90	91	434280	54.334	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	557549	56.191	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	30038	48.233	ug/l	98
82) 4-Chlorotoluene	13.00	91	461375	54.633	ug/l	99
83) tert-Butylbenzene	13.21	119	494397	59.309	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	562198	56.147	ug/l	98
85) sec-Butylbenzene	13.39	105	692165	57.252	ug/l	100
86) p-Isopropyltoluene	13.51	119	627590	57.915	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	293601	53.687	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	285851	52.556	ug/l	100
89) n-Butylbenzene	13.83	91	593913	58.106	ug/l	99
90) Hexachloroethane	14.10	117	108199	55.089	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	254820	52.783	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16599	45.965	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	187673	54.495	ug/l	100
94) Hexachlorobutadiene	15.25	225	126602	56.745	ug/l	99
95) Naphthalene	15.38	128	299832	51.760	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	159840	52.666	ug/l	98

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

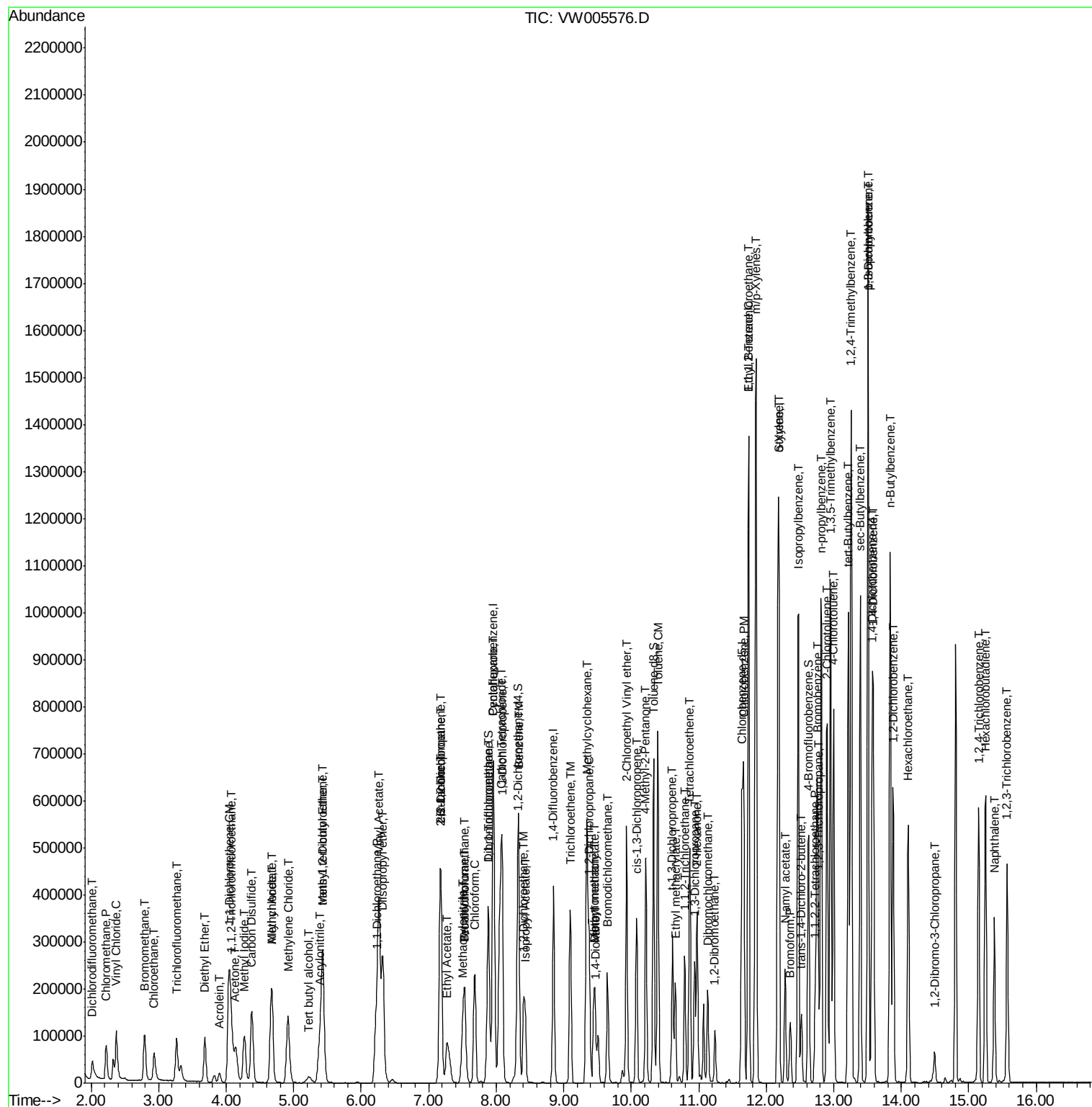
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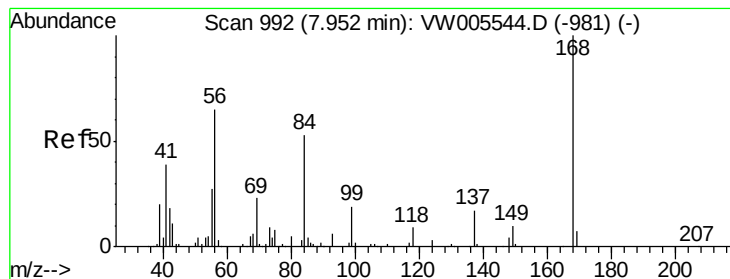
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 233919

Ion Ratio Lower Upper

168 100

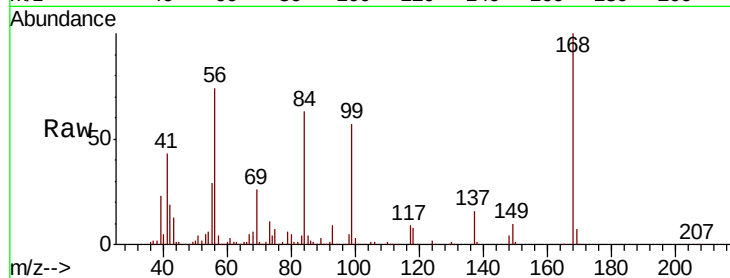
99 56.9 48.4 72.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

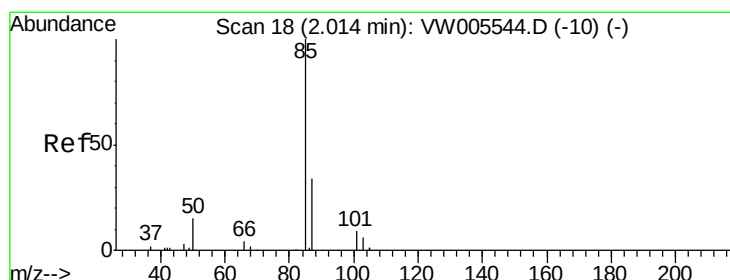
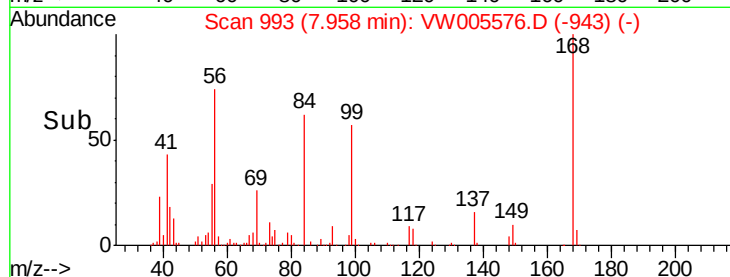
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 59.731 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW005576.D

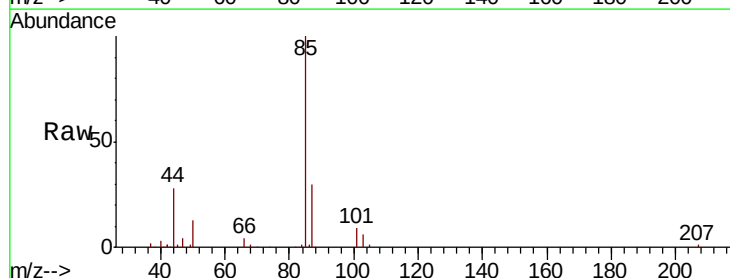
Acq: 24 Sep 2018 11:04

Tgt Ion: 85 Resp: 83139

Ion Ratio Lower Upper

85 100

87 30.4 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

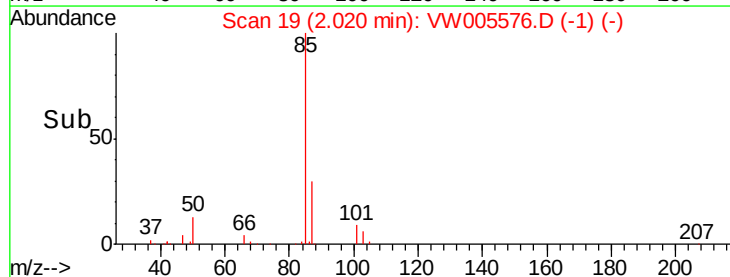
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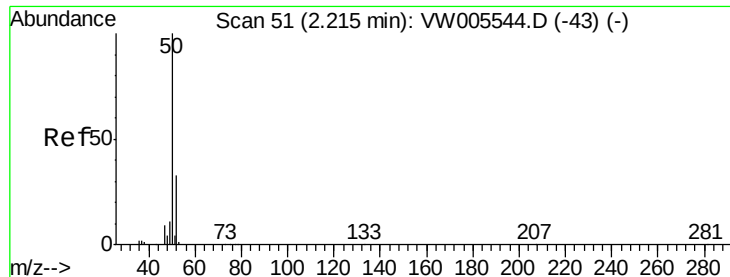
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 47.038 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 88450

Ion Ratio Lower Upper

50 100

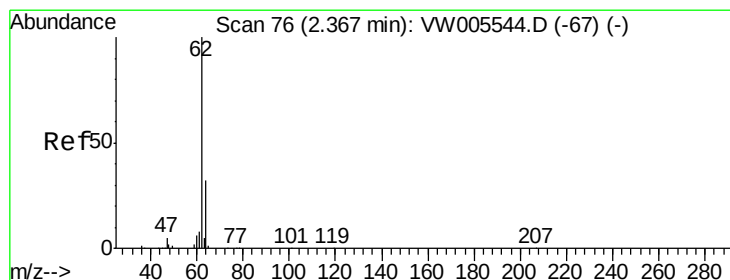
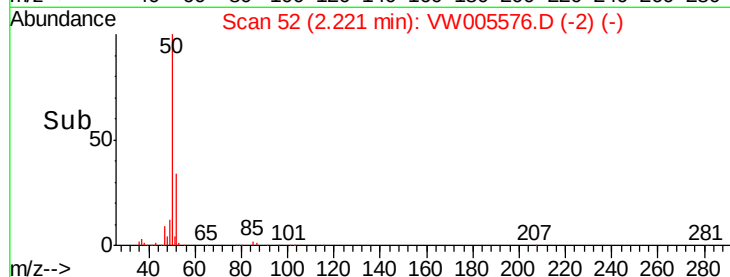
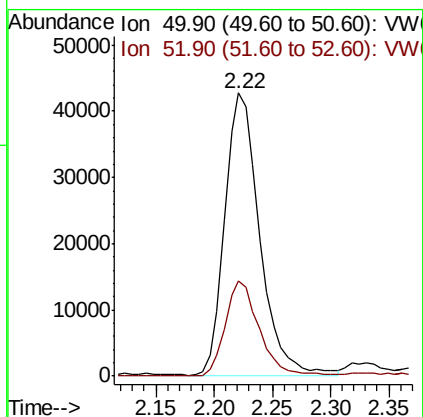
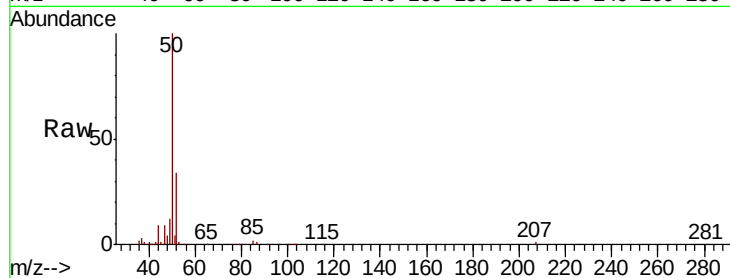
52 33.8 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.929 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW005576.D

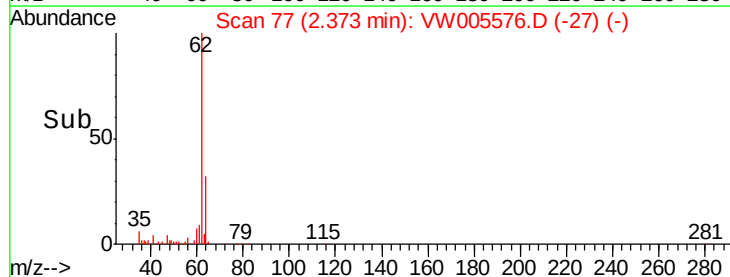
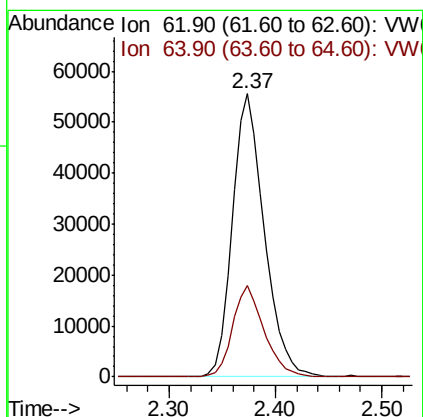
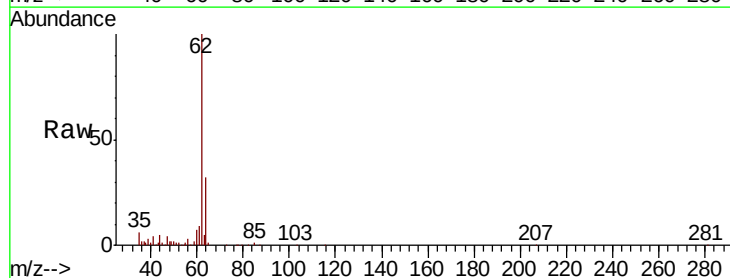
Acq: 24 Sep 2018 11:04

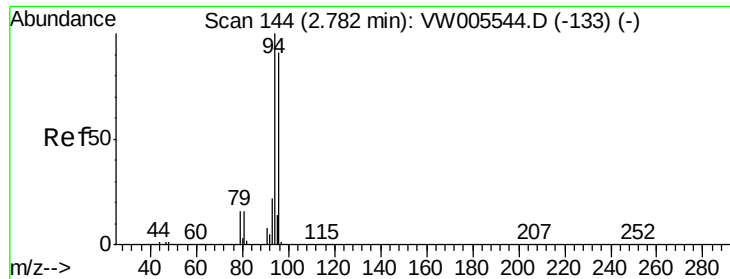
Tgt Ion: 62 Resp: 116719

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 50.238 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 76310

Ion Ratio Lower Upper

94 100

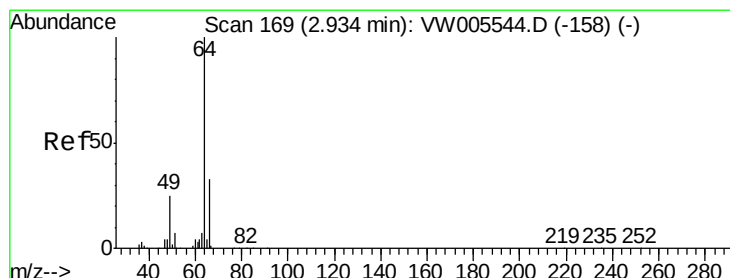
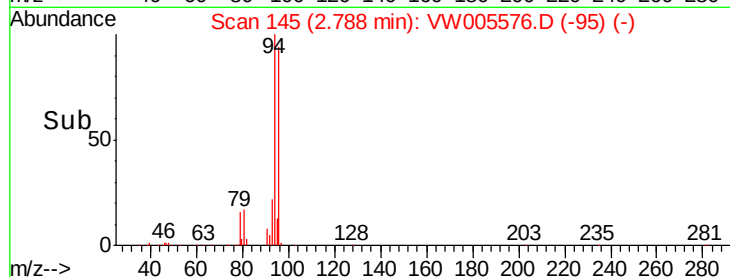
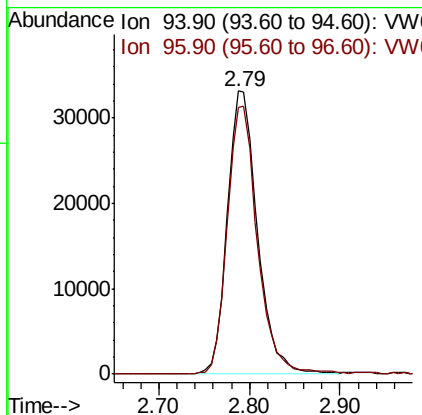
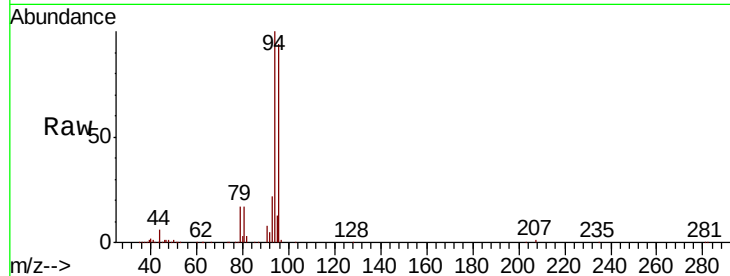
96 94.0 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 50.888 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.00 min

Lab File: VW005576.D

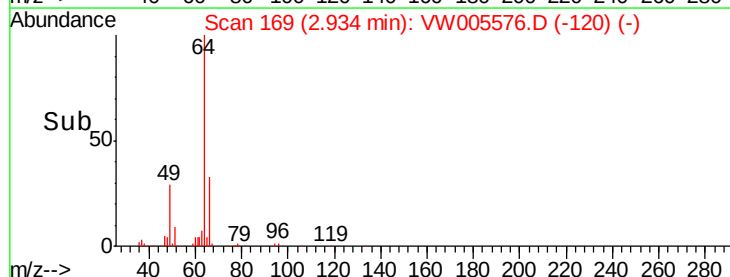
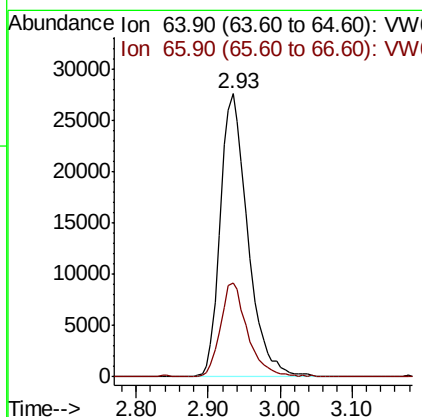
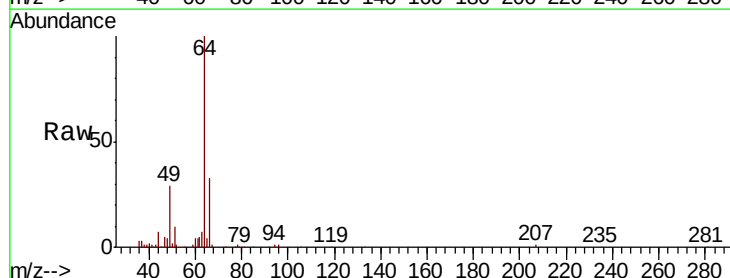
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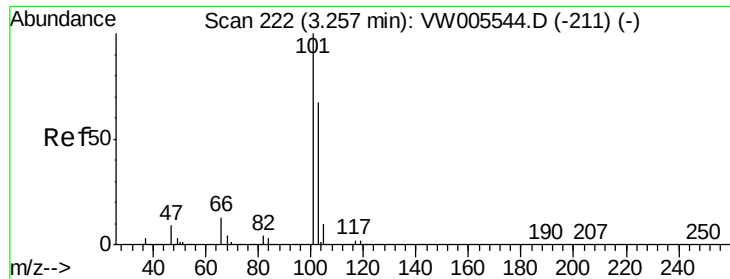
Tgt Ion: 64 Resp: 73394

Ion Ratio Lower Upper

64 100

66 33.0 26.0 39.0





#7

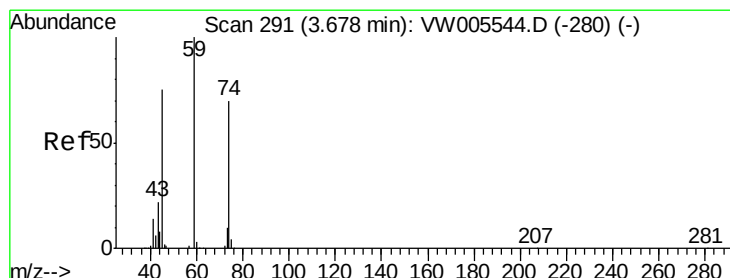
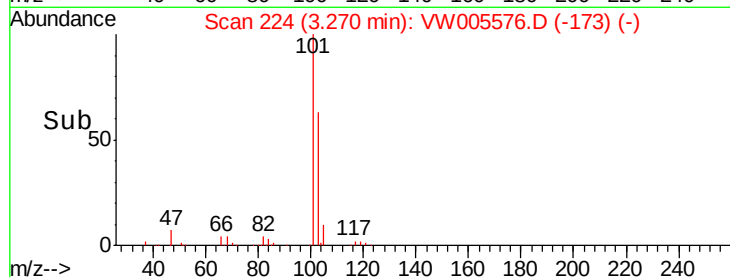
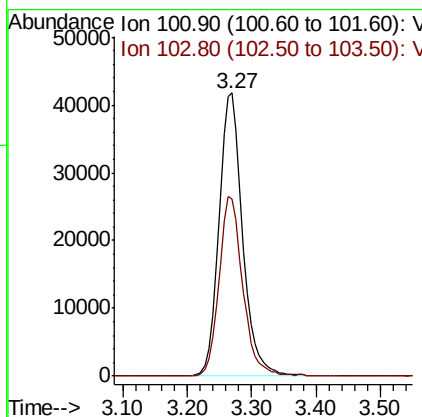
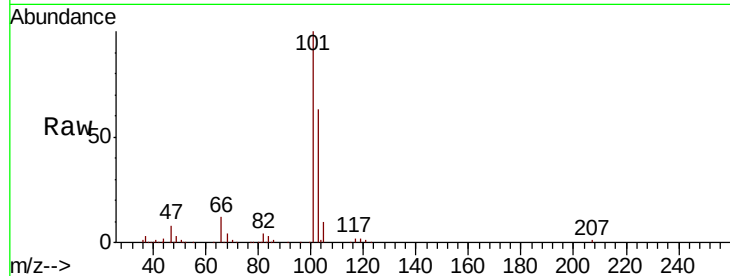
Trichlorofluoromethane
 Concen: 61.384 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	53.2	79.8

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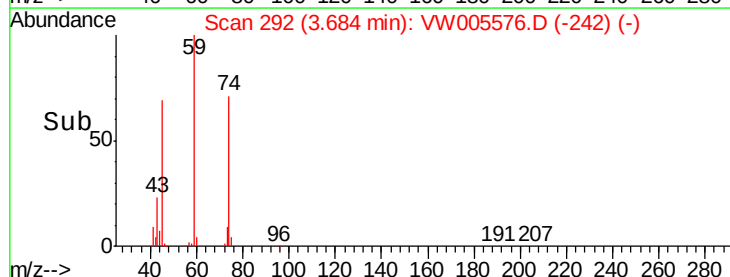
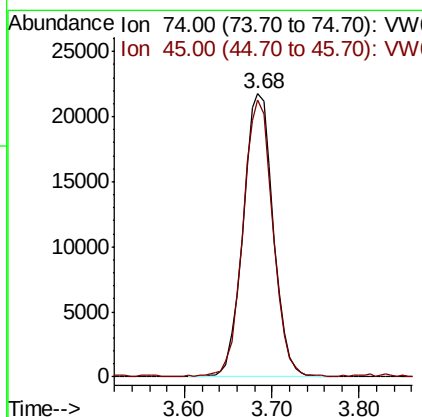
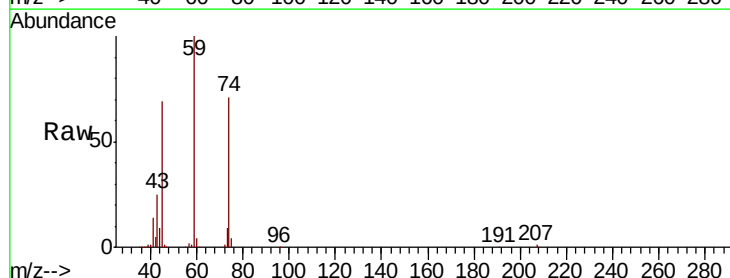
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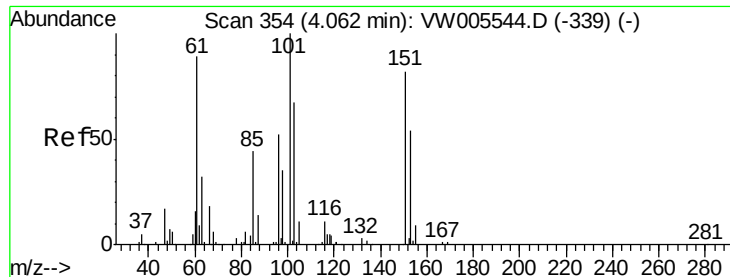


#8

Diethyl Ether
 Concen: 44.839 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.390 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW005576.D

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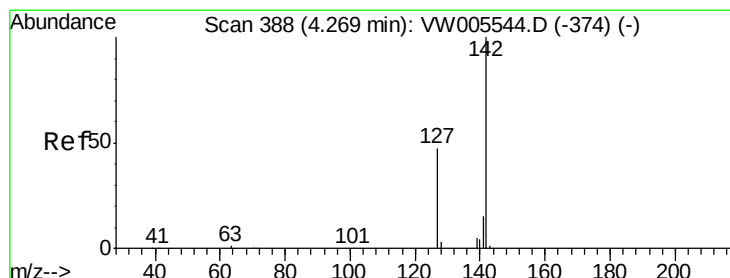
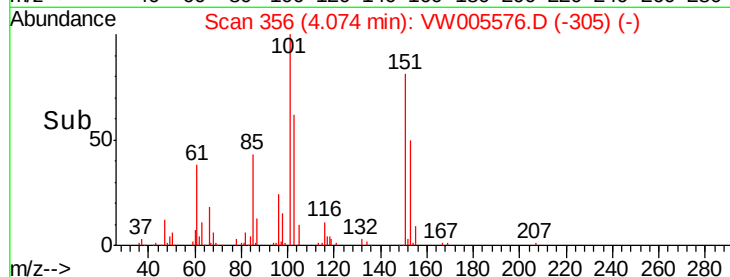
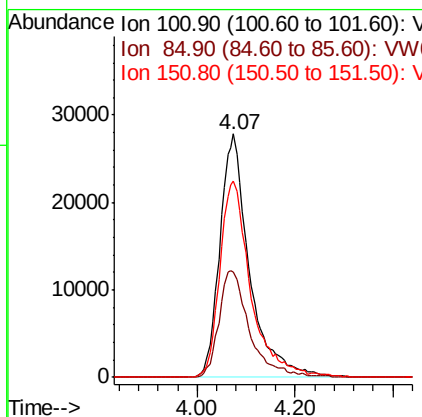
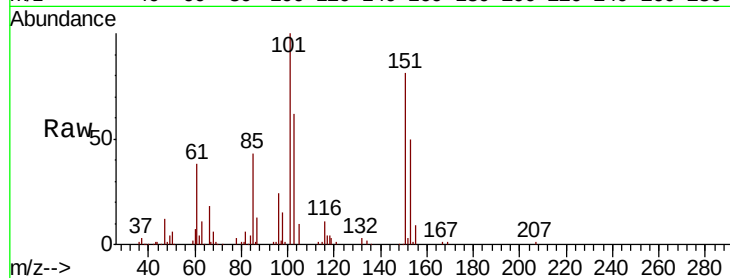
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	116585
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.4	54.6
151	83.7	65.8	98.6

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#10

Methyl Iodide

Concen: 49.003 ug/l

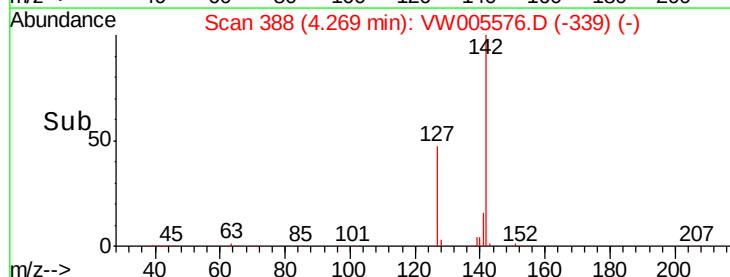
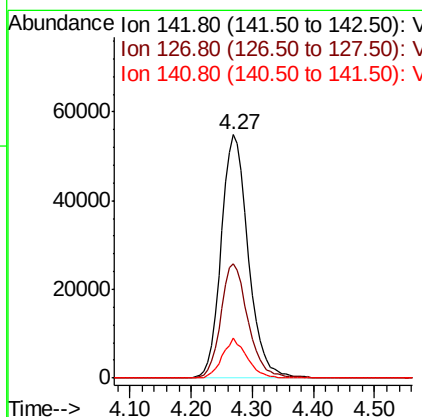
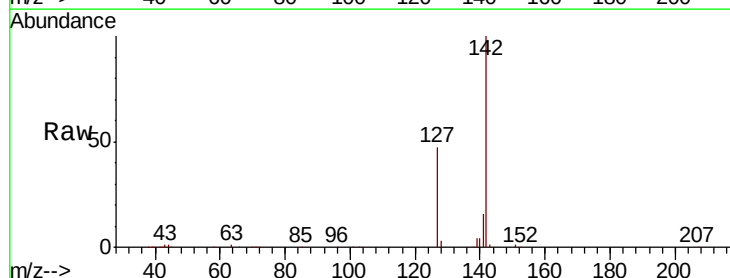
RT: 4.27 min Scan# 388

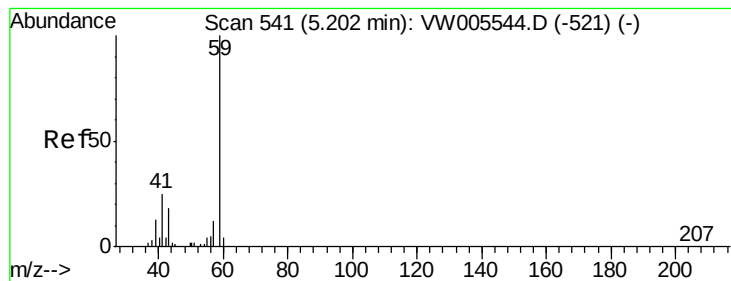
Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Tgt Ion:	142	Resp:	167702
Ion Ratio	Lower	Upper	
142	100		
127	47.1	37.4	56.0
141	14.9	11.9	17.9





#11

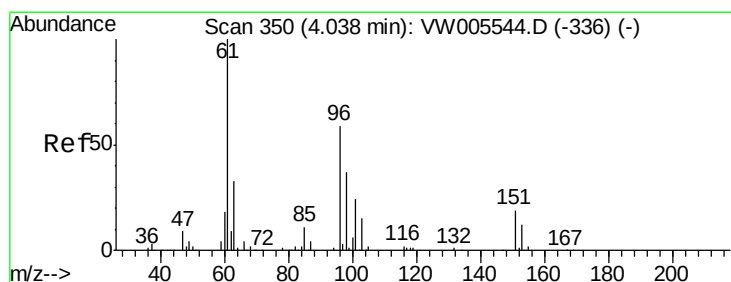
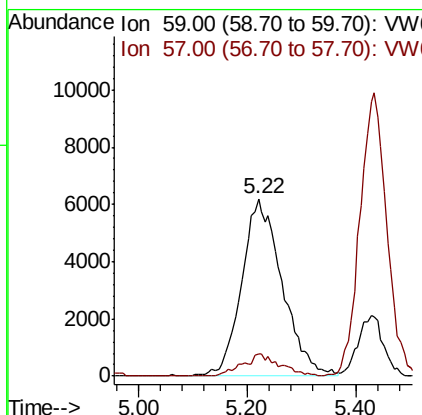
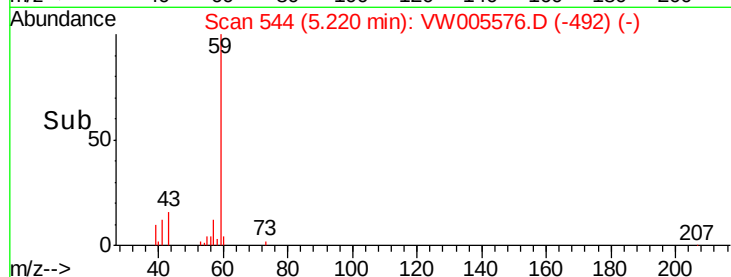
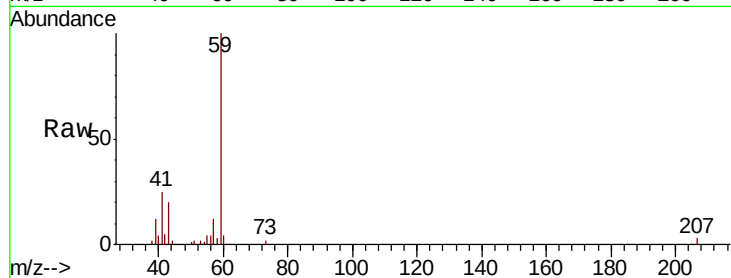
Tert butyl alcohol
Concen: 224.483 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.02 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.3	12.5

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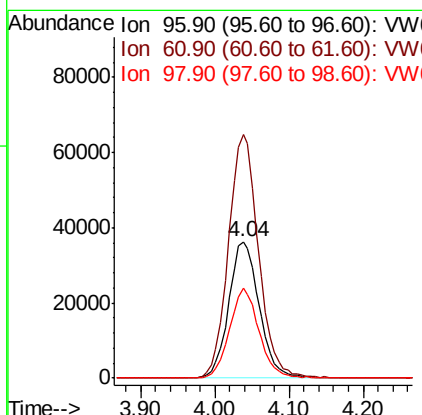
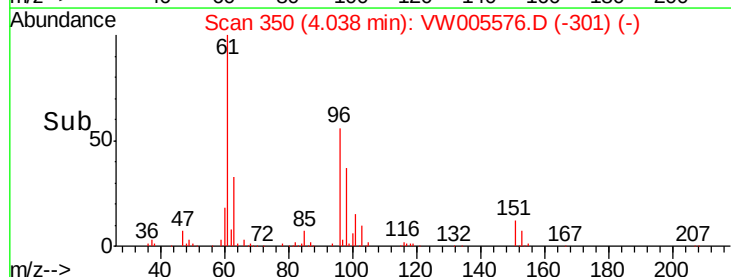
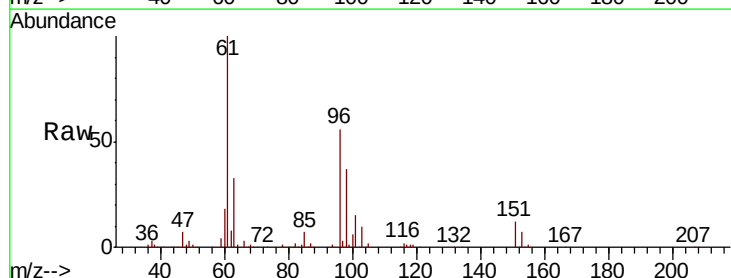
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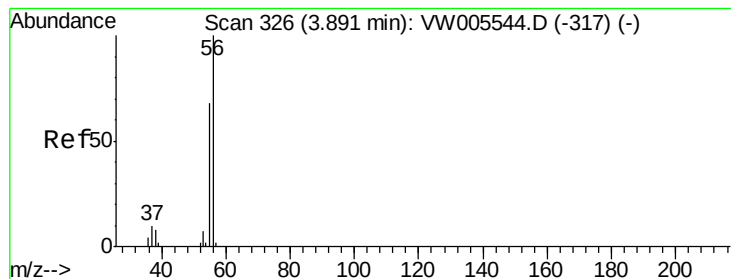


#12

1,1-Dichloroethene
Concen: 49.015 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.1	135.0	202.6
98	65.7	50.6	76.0





#13

Acrolein

Concen: 268.349 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 25396

Ion Ratio Lower Upper

56 100

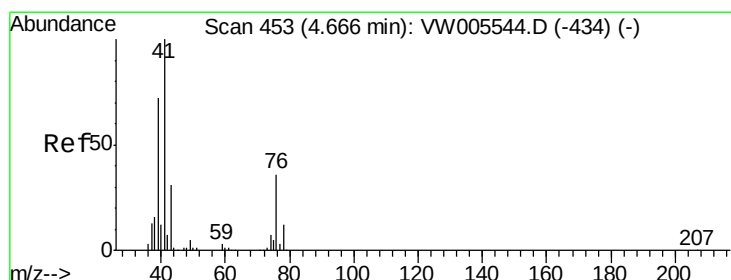
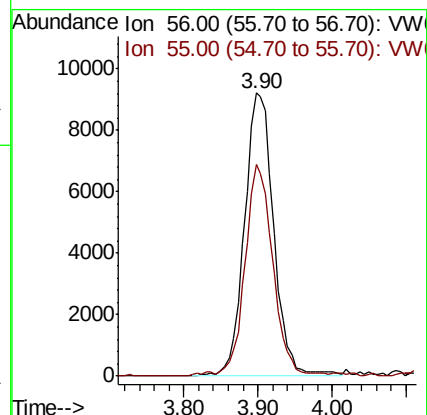
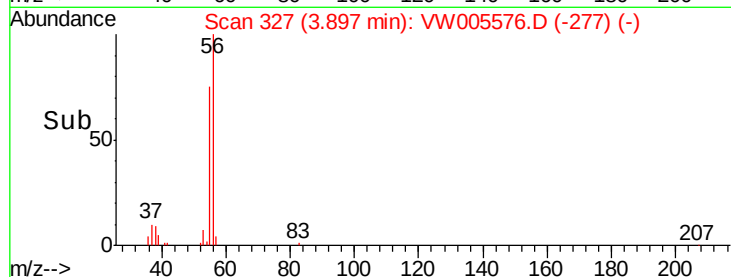
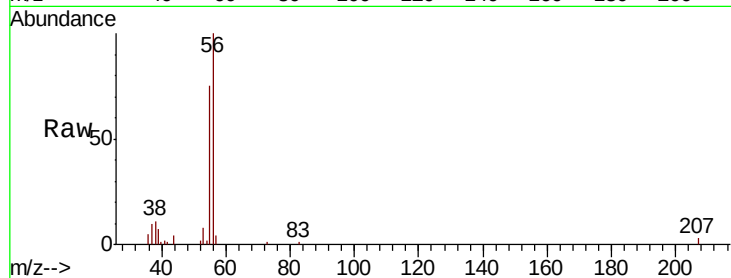
55 69.6 57.8 86.8

Manual Integrations

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#14

Allyl chloride

Concen: 47.489 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

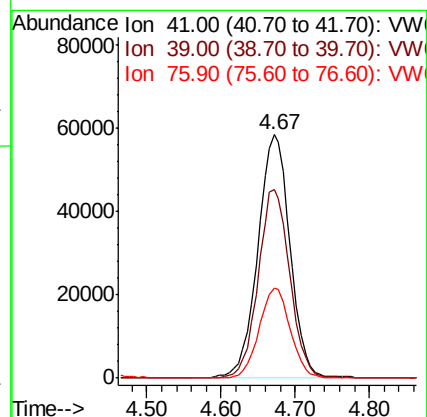
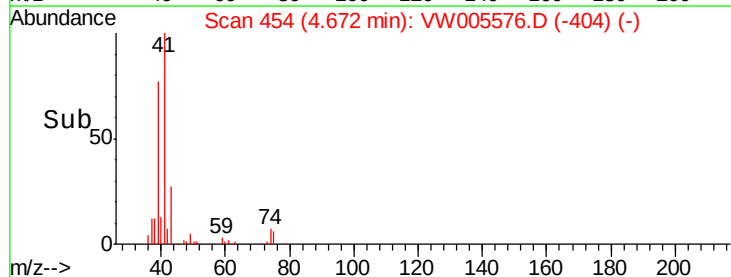
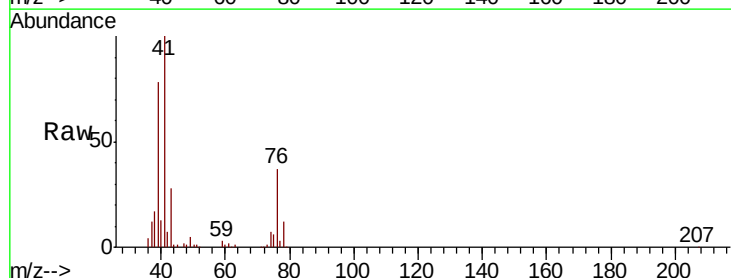
Tgt Ion: 41 Resp: 176565

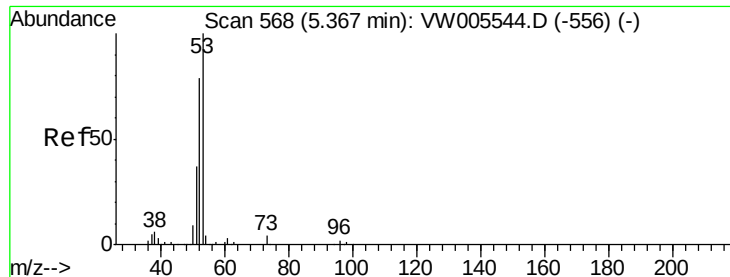
Ion Ratio Lower Upper

41 100

39 76.2 59.6 89.4

76 35.8 27.7 41.5





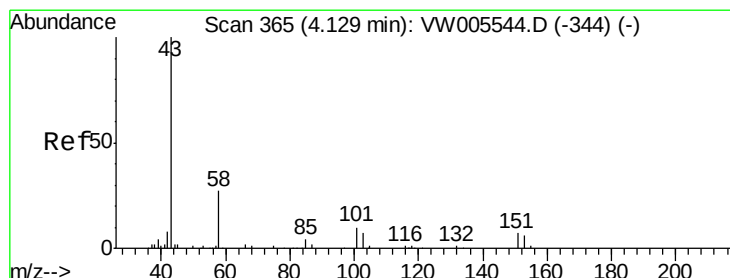
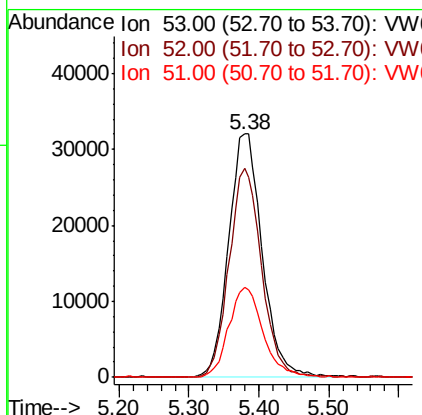
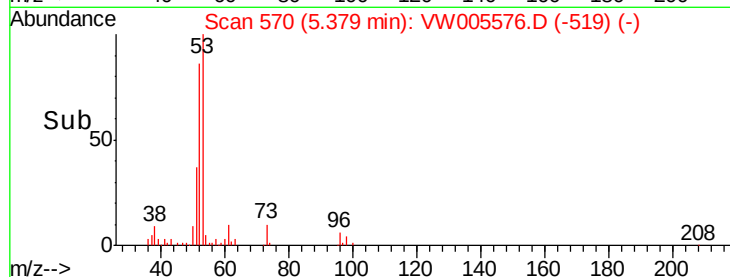
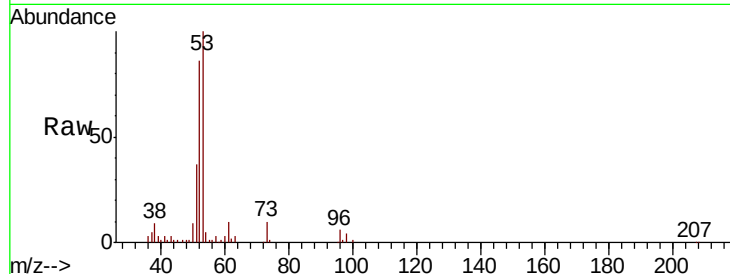
#15
 Acrylonitrile
 Concen: 210.147 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	107145
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.5	99.7
51	37.6	30.6	46.0

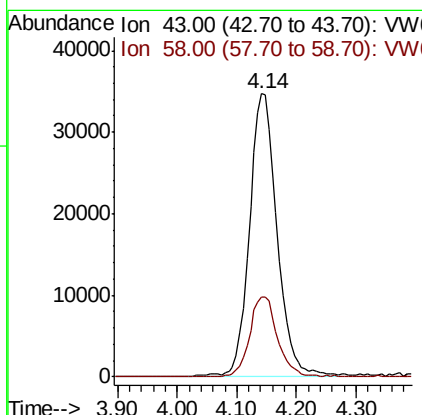
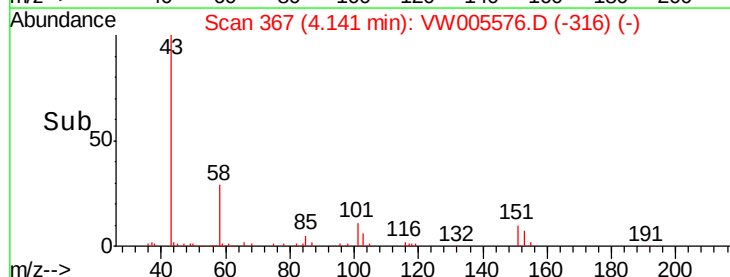
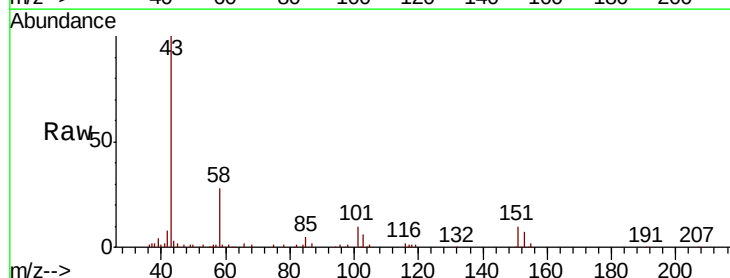
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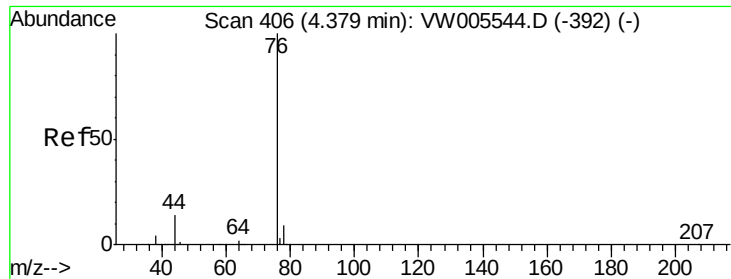
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#16
 Acetone
 Concen: 259.298 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Tgt Ion:	43	Resp:	112182
Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.8	32.8





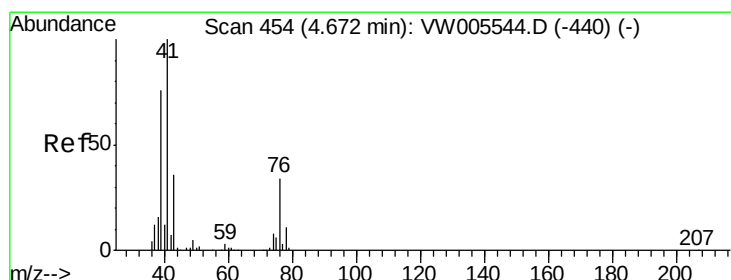
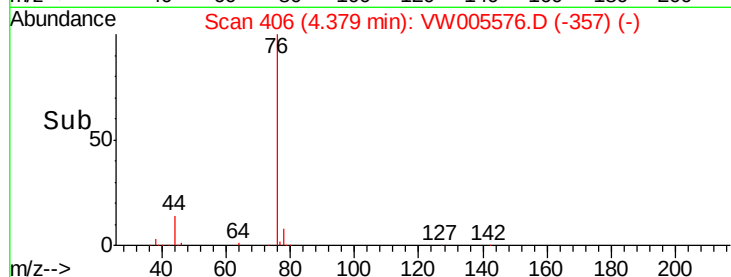
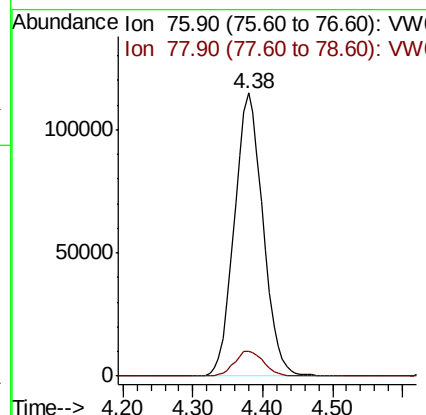
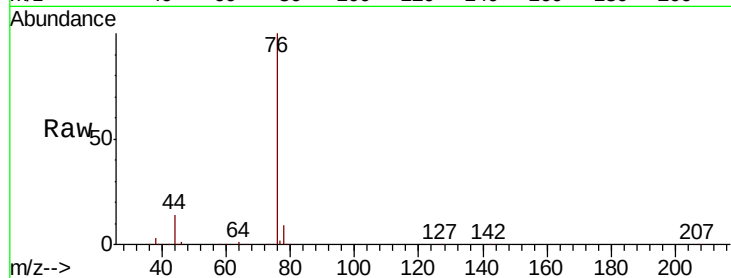
#17
Carbon Disulfide
Concen: 49.150 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

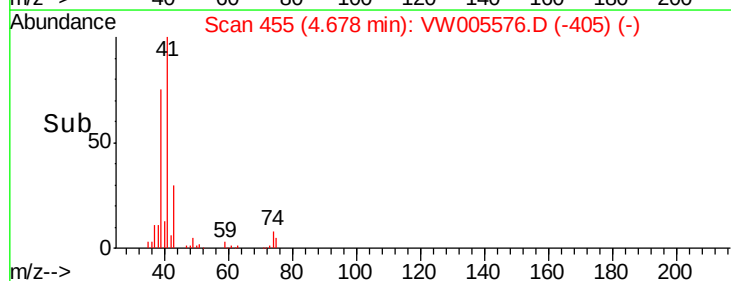
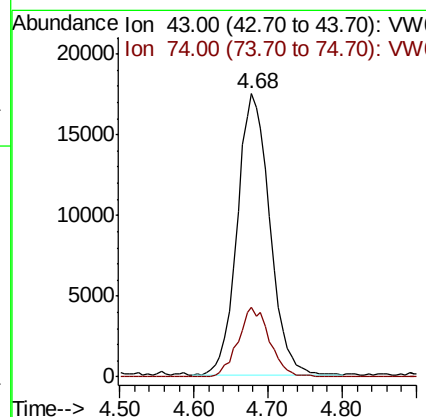
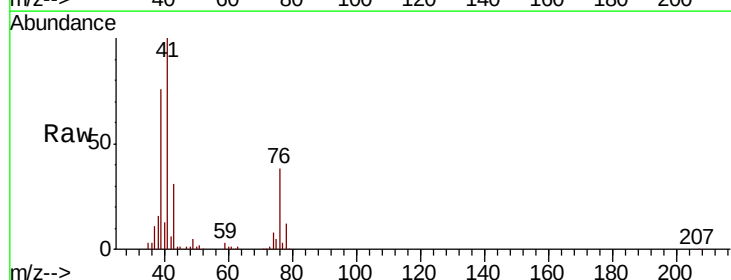
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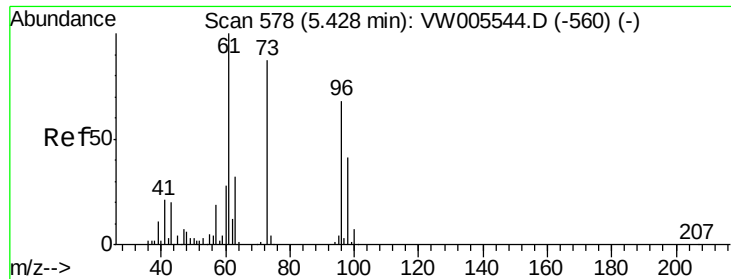
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#18
Methyl Acetate
Concen: 40.753 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.2	28.8





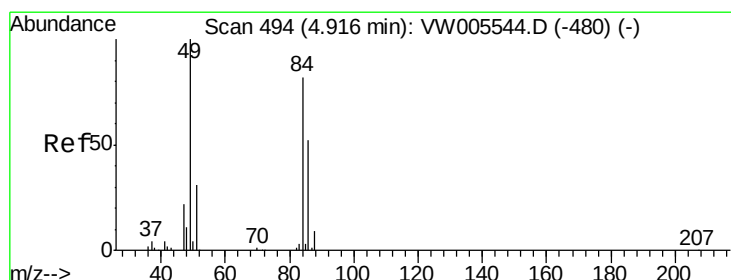
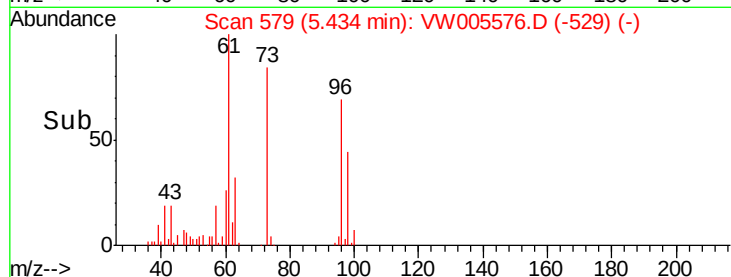
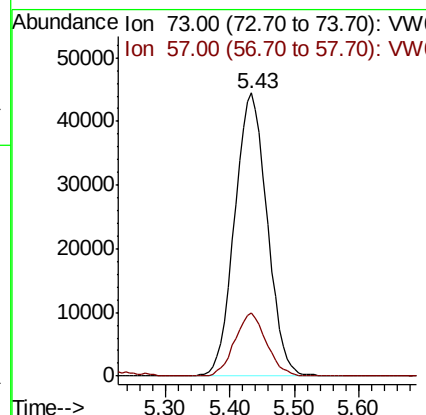
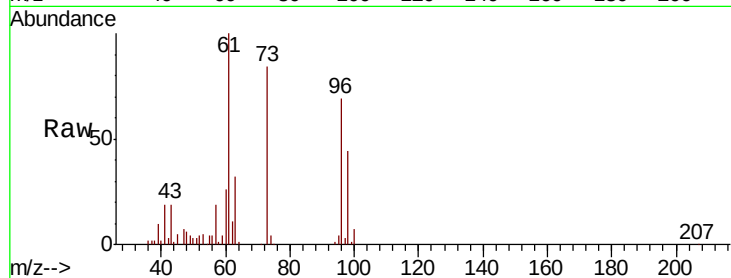
#19
Methyl tert-butyl Ether
Concen: 47.425 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 155948
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

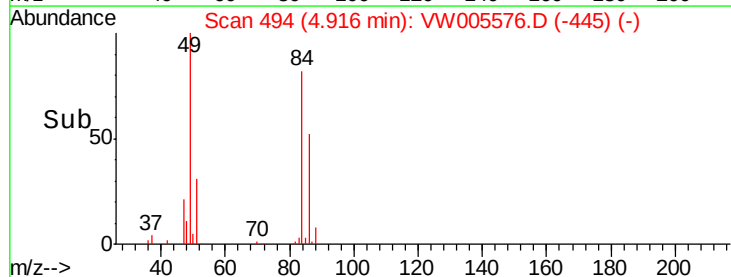
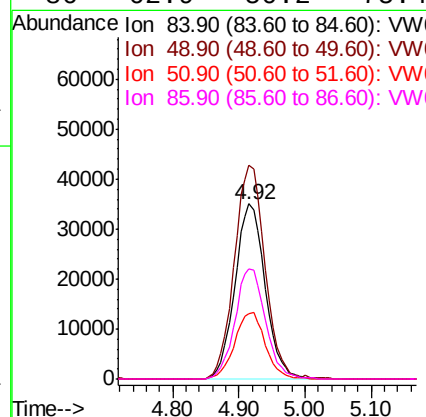
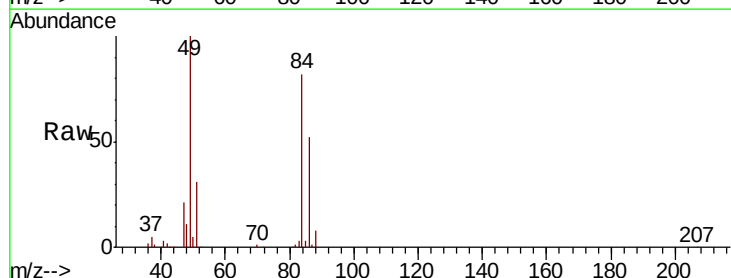
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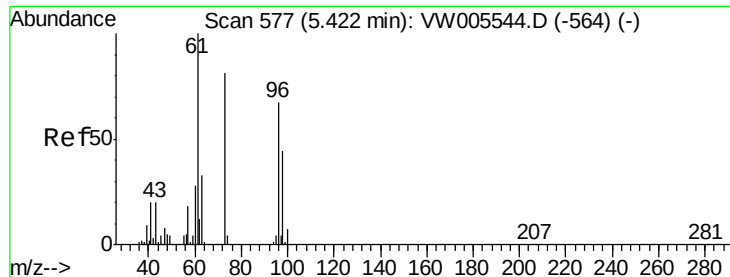
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#20
Methylene Chloride
Concen: 48.025 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion: 84 Resp: 111273
Ion Ratio Lower Upper
84 100
49 121.8 97.0 145.6
51 37.5 30.2 45.2
86 62.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 49.235 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

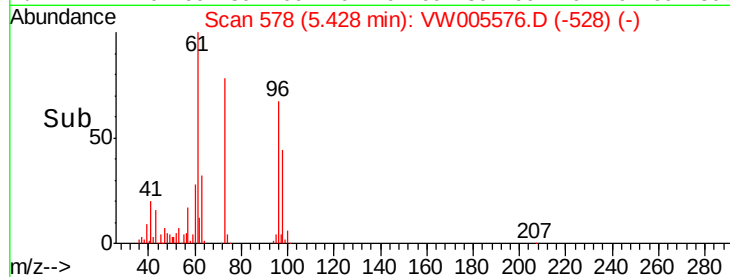
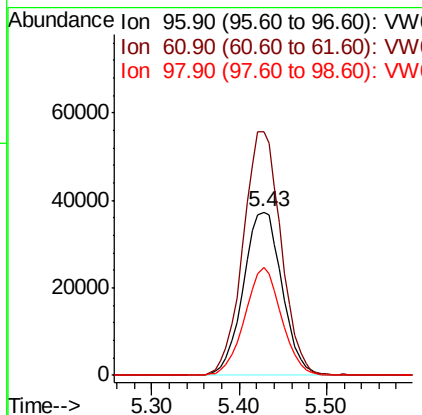
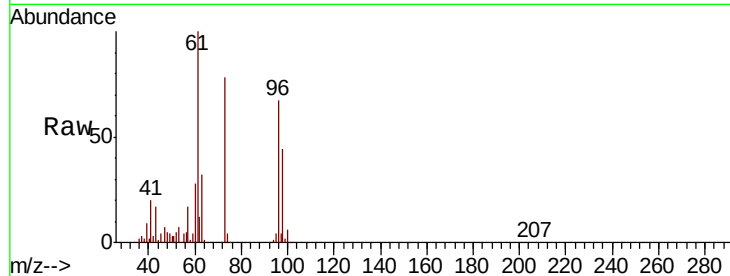
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	114886
Ion	Ratio	Lower	Upper
96	100		
61	148.9	118.9	178.3
98	65.7	52.1	78.1

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#22

Diisopropyl ether

Concen: 47.569 ug/l

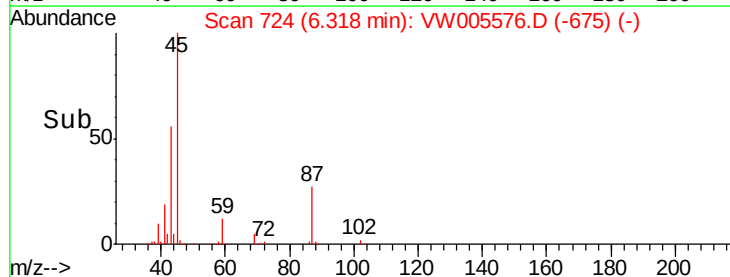
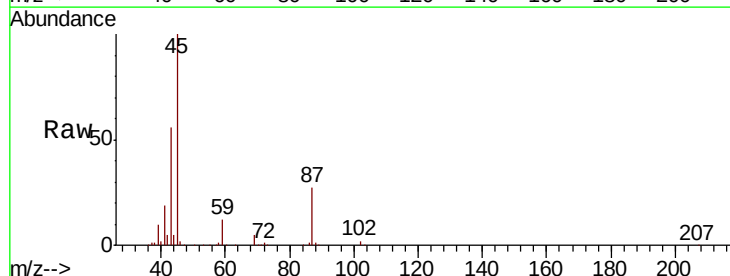
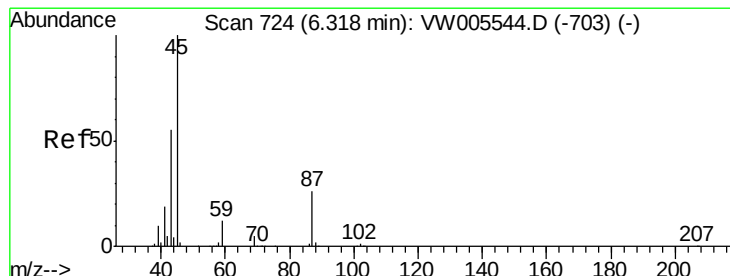
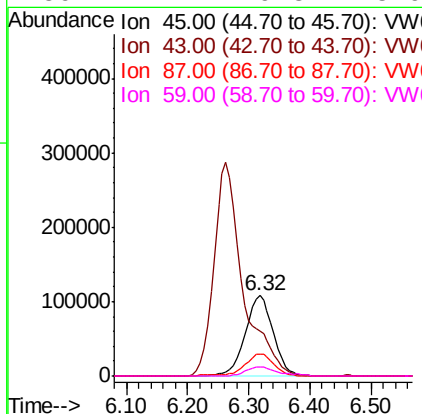
RT: 6.32 min Scan# 724

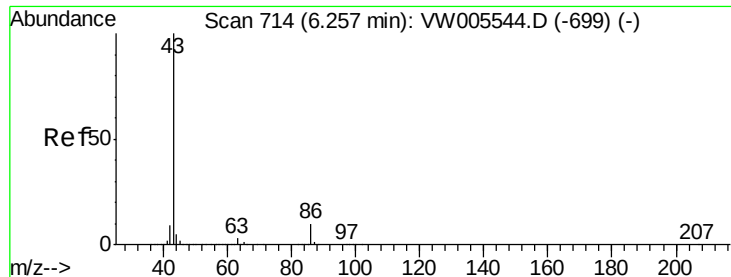
Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Tgt Ion:	45	Resp:	343331
Ion	Ratio	Lower	Upper
45	100		
43	55.3	44.2	66.4
87	26.5	21.4	32.2
59	11.7	9.3	13.9





#23

Vinyl Acetate

Concen: 230.216 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 949722

Ion Ratio Lower Upper

43 100

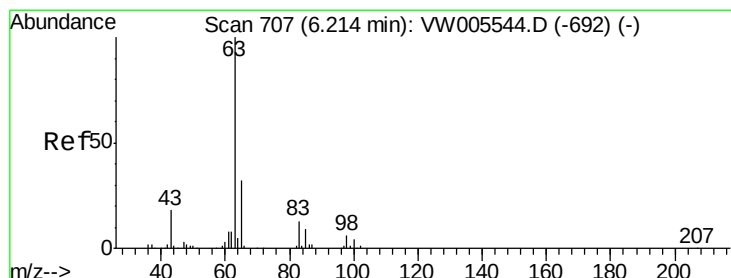
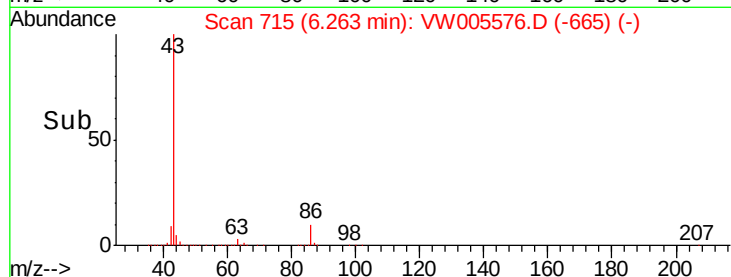
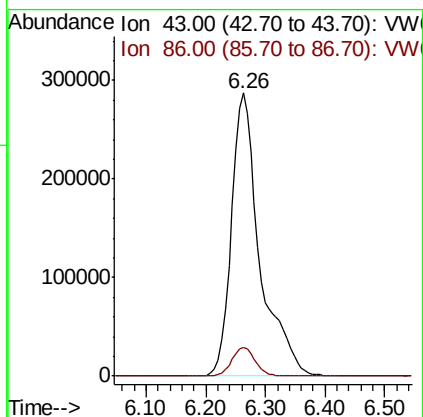
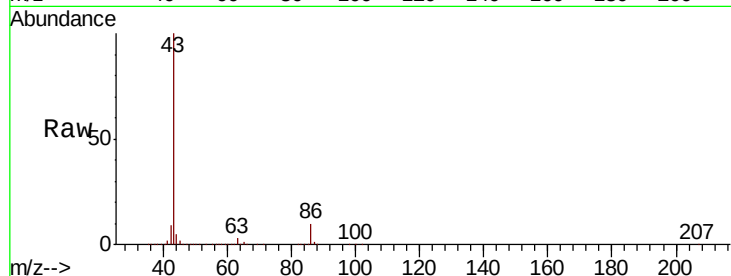
86 9.9 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 47.617 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

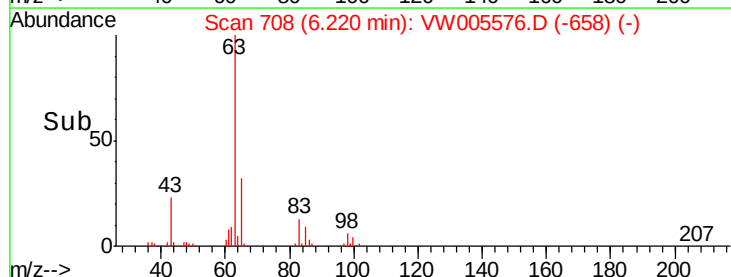
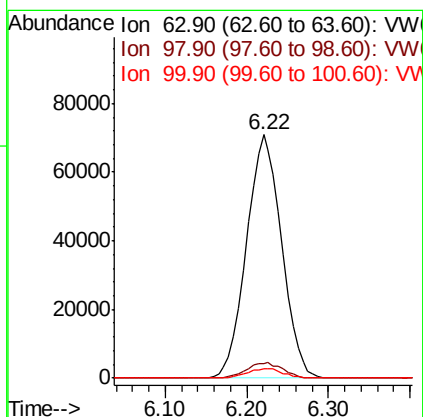
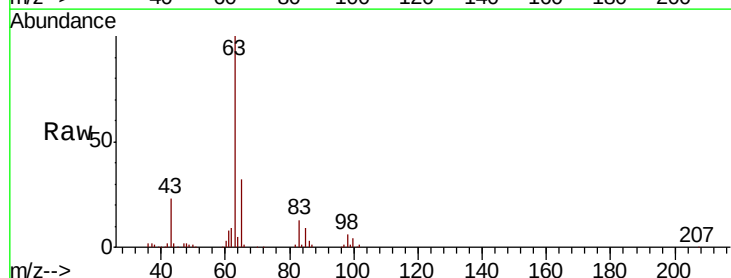
Tgt Ion: 63 Resp: 212340

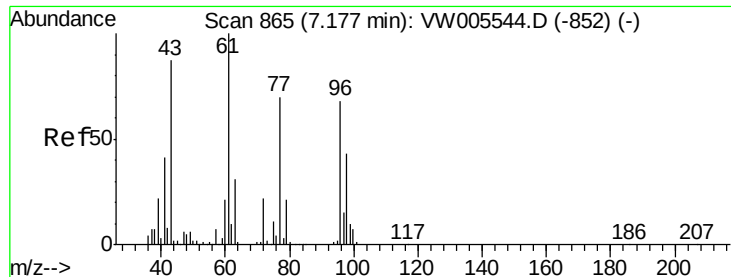
Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 3.7 2.1 6.2





#25

2-Butanone

Concen: 202.245 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 135363

Ion Ratio Lower Upper

43 100

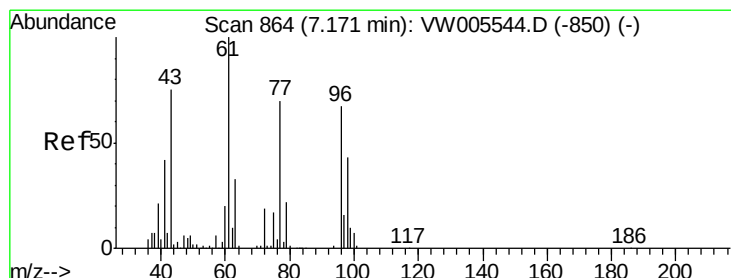
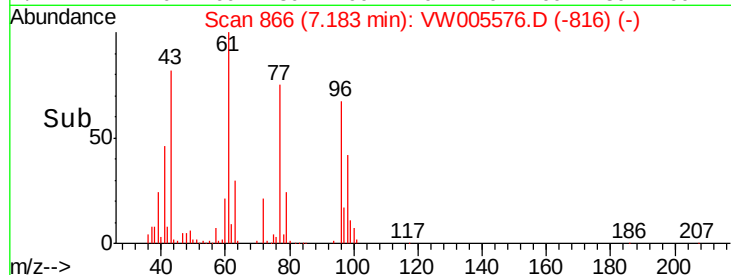
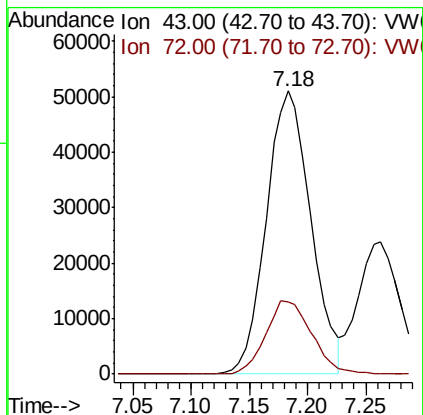
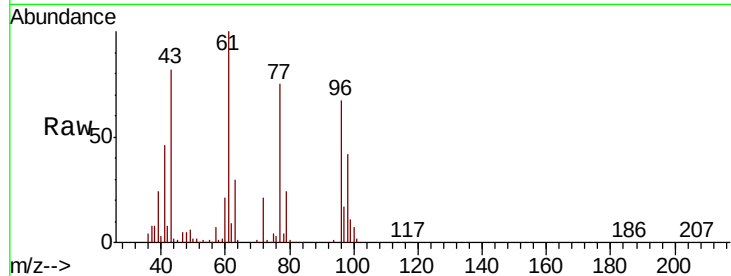
72 25.3 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 51.376 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW005576.D

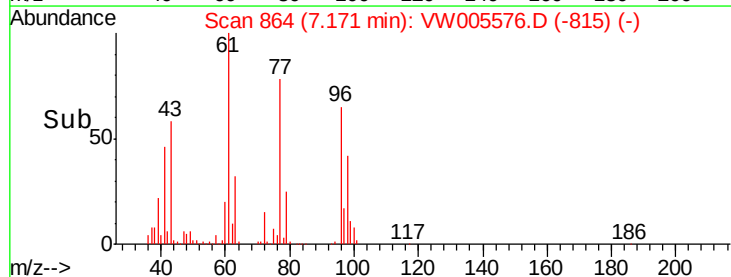
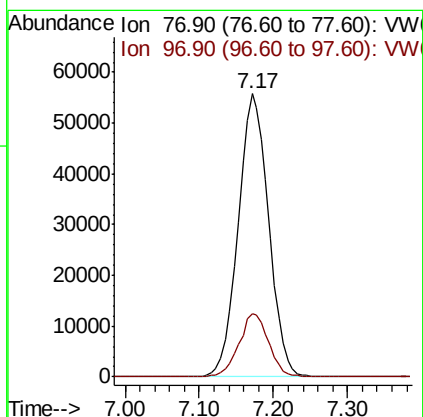
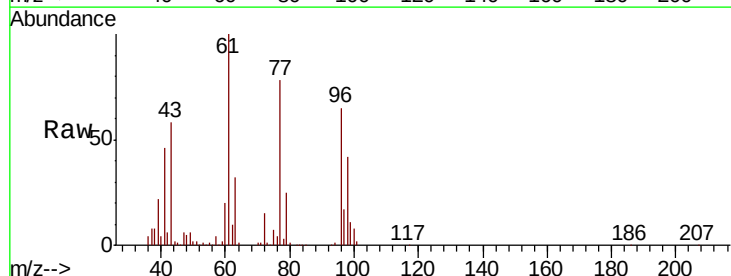
Acq: 24 Sep 2018 11:04

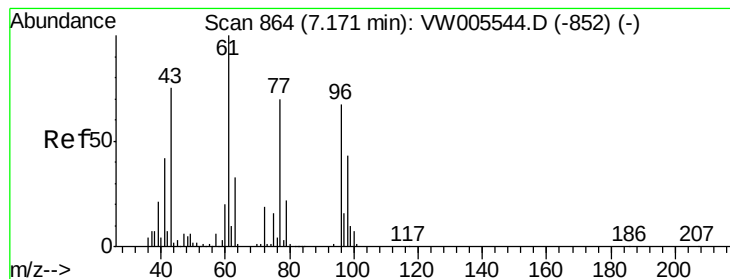
Tgt Ion: 77 Resp: 159940

Ion Ratio Lower Upper

77 100

97 21.9 11.0 33.0





#27

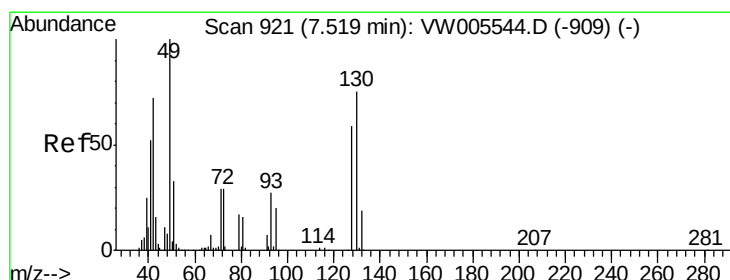
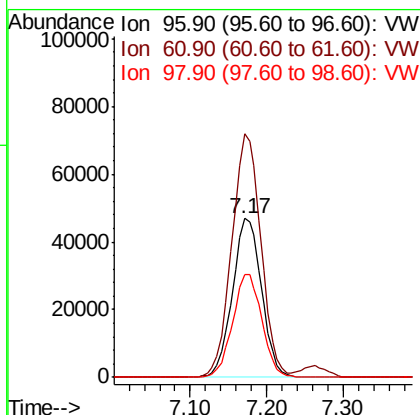
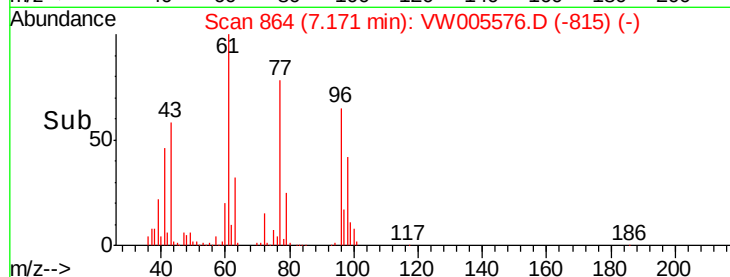
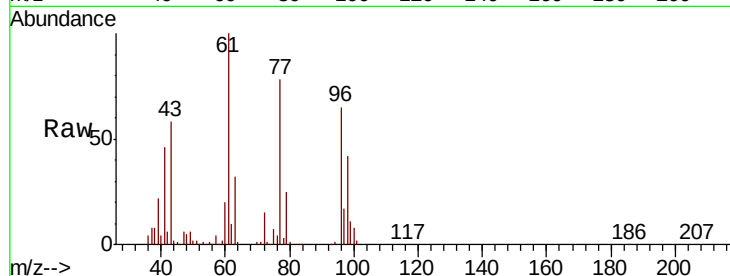
cis-1,2-Dichloroethene
Concen: 48.013 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	153.1	0.0	303.4	
98	64.8	0.0	127.2	

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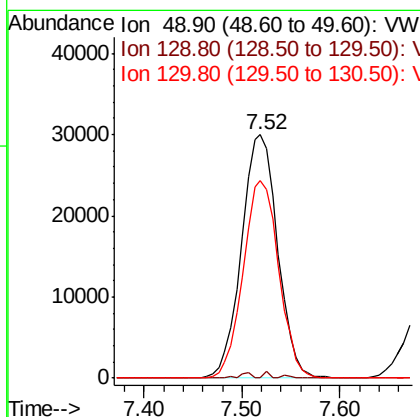
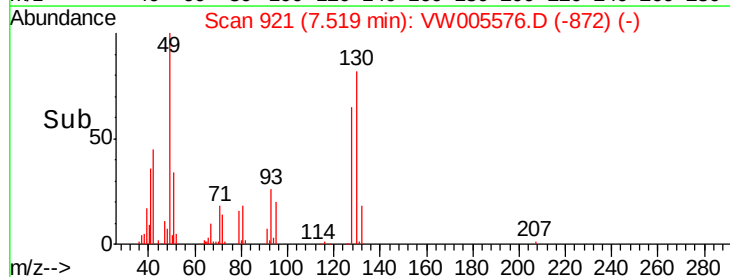
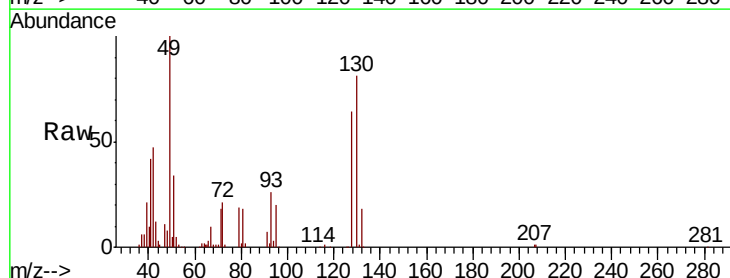
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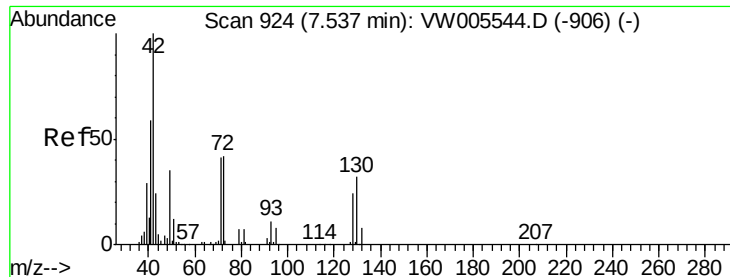


#28

Bromochloromethane
Concen: 43.350 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.4	0.0	1.4	
130	80.5	61.3	91.9	





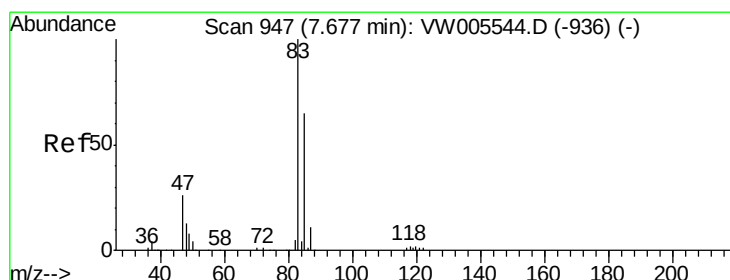
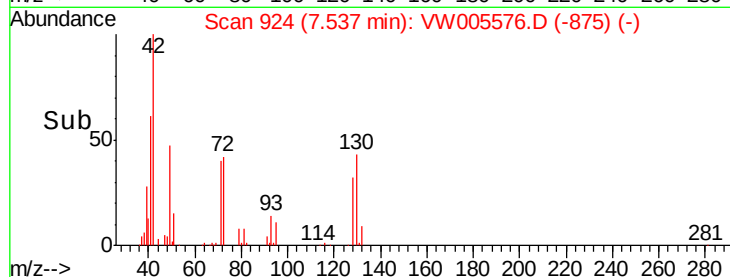
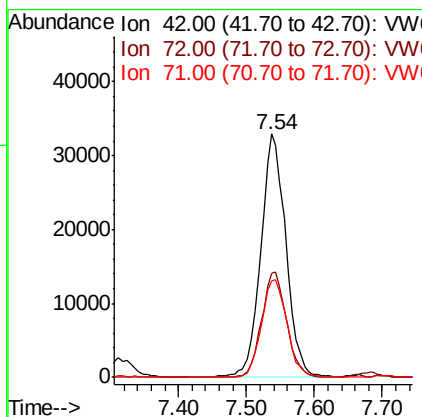
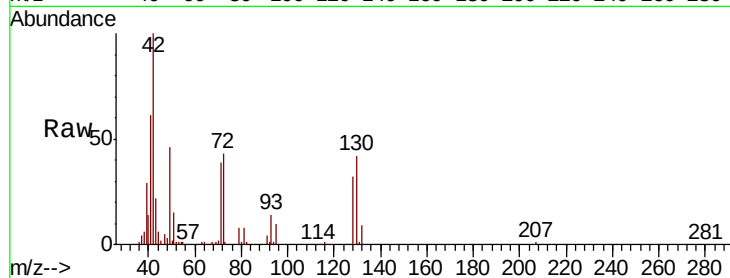
#29
Tetrahydrofuran
Concen: 204.077 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	33.6	50.4
71	40.5	31.8	47.6

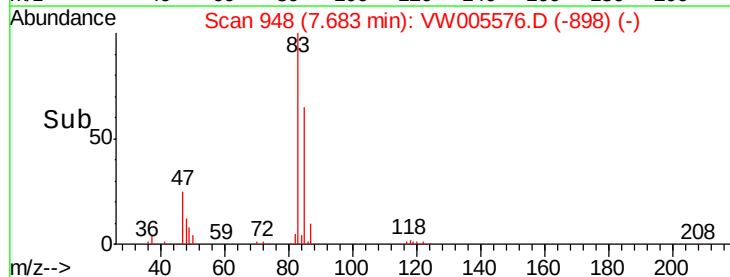
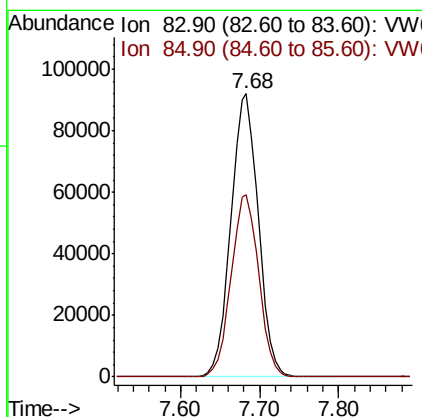
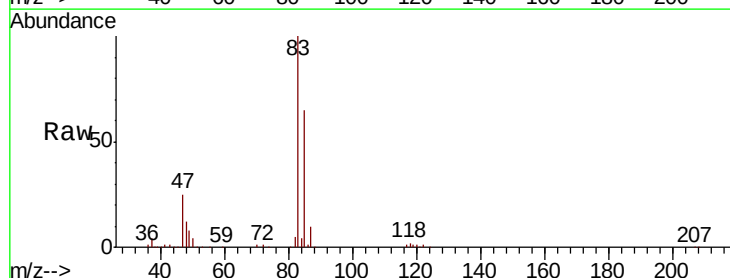
Manual Integrations
APPROVED

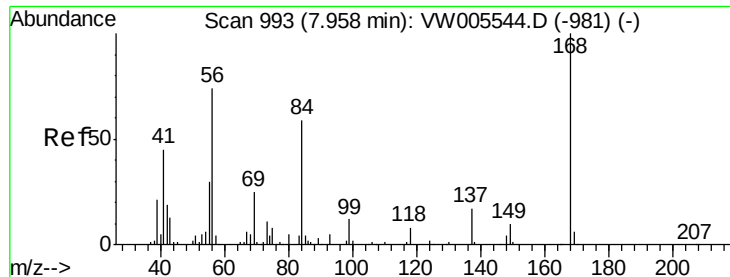
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#30
Chloroform
Concen: 48.287 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.8	77.6





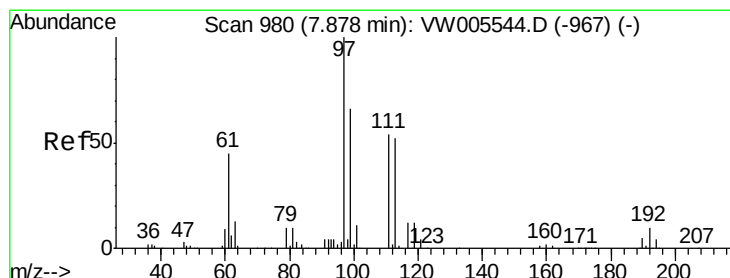
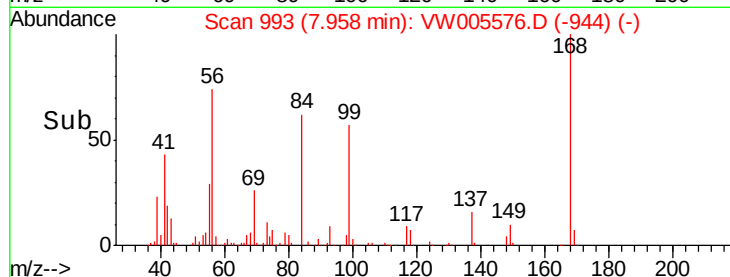
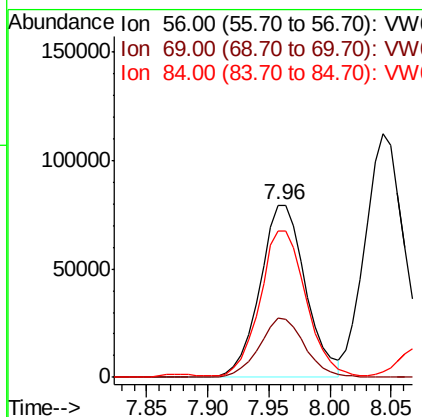
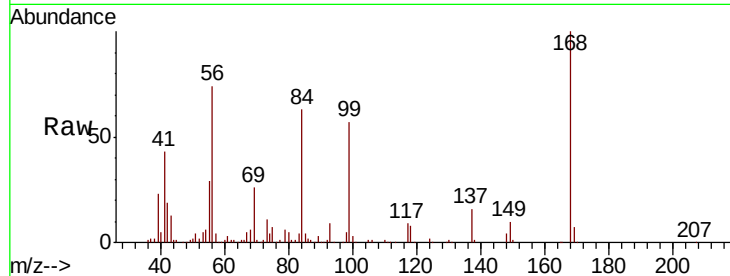
#31
Cyclohexane
Concen: 48.362 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	56	Resp	206618
Ion Ratio	Lower	Upper	
56	100		
69	34.4	27.0	40.4
84	83.3	64.2	96.4

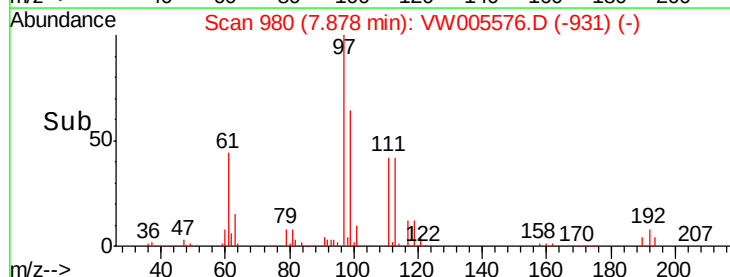
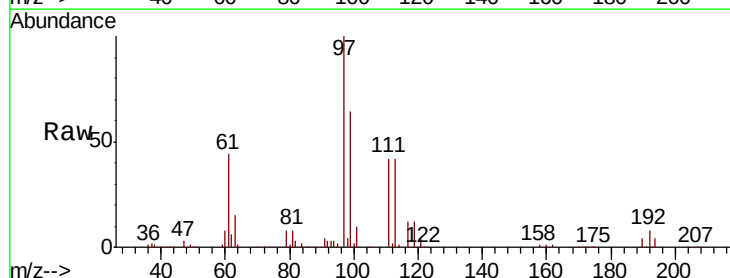
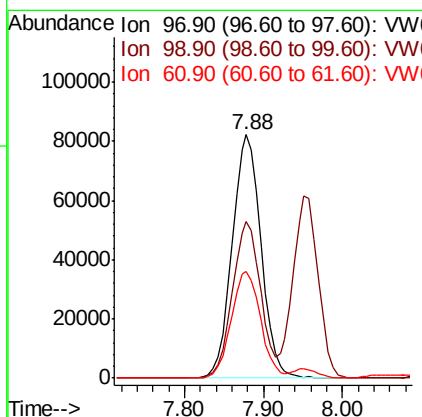
Manual Integrations
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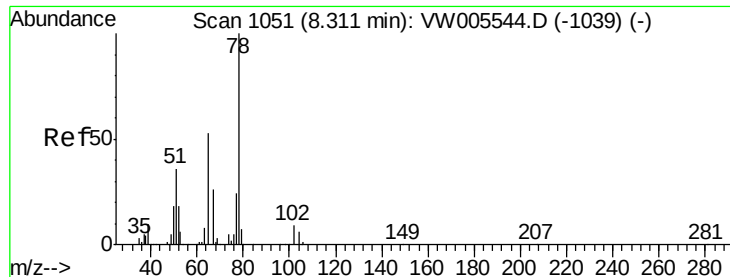
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#32
1,1,1-Trichloroethane
Concen: 51.338 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion	97	Resp	208790
Ion Ratio	Lower	Upper	
97	100		
99	62.9	51.0	76.6
61	44.5	36.2	54.2





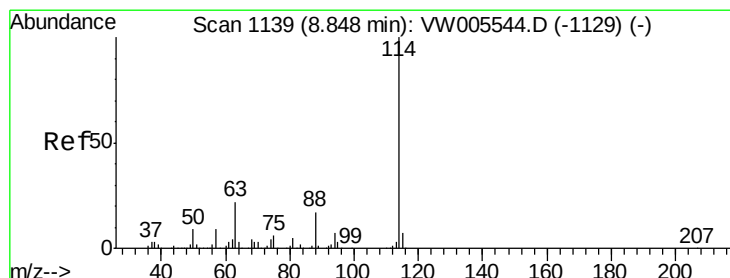
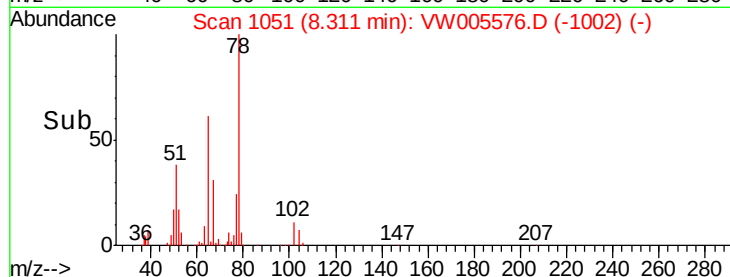
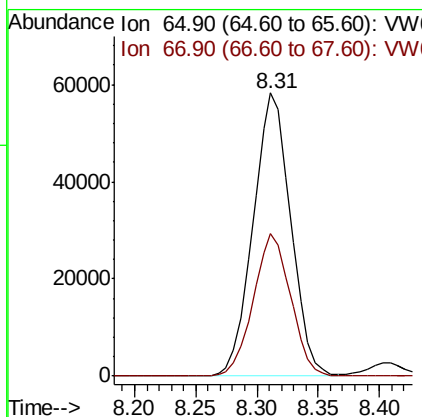
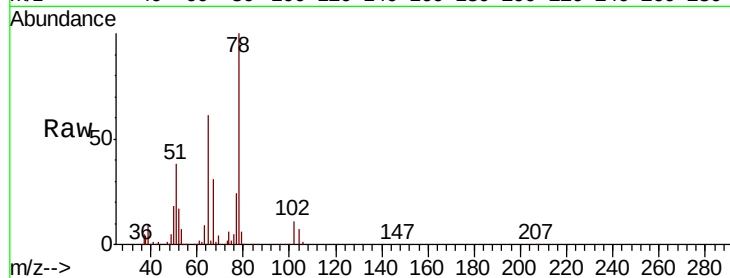
#33
 1,2-Dichloroethane-d4
 Concen: 45.296 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	124824		
67	50.0	0.0	0.0	100.6

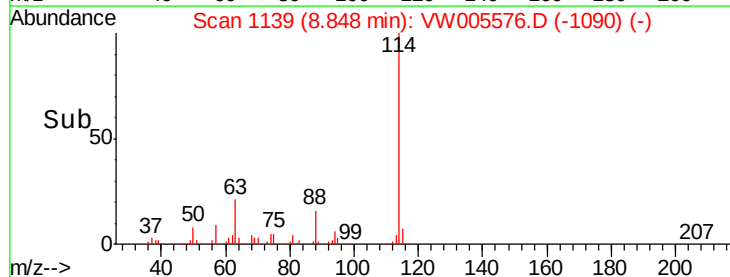
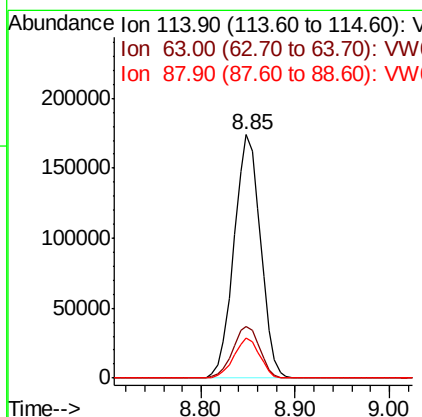
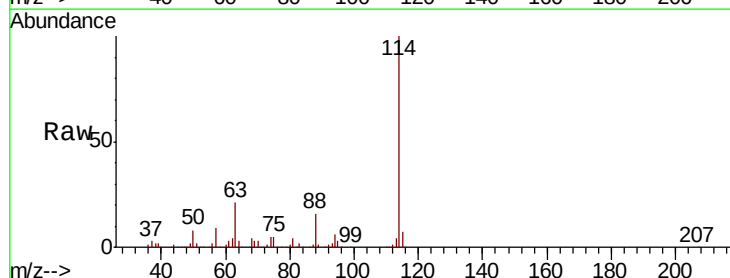
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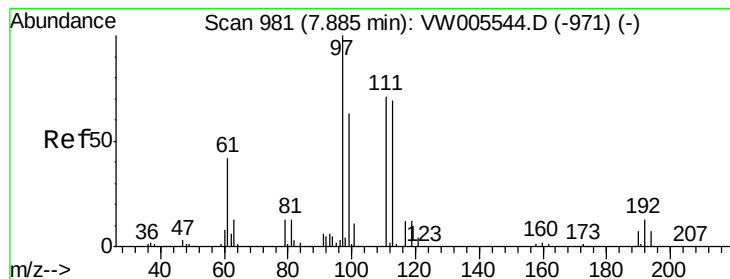
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	340232		
63	21.4	0.0	0.0	43.0
88	16.2	0.0	0.0	33.0





#35

Dibromofluoromethane

Concen: 49.710 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

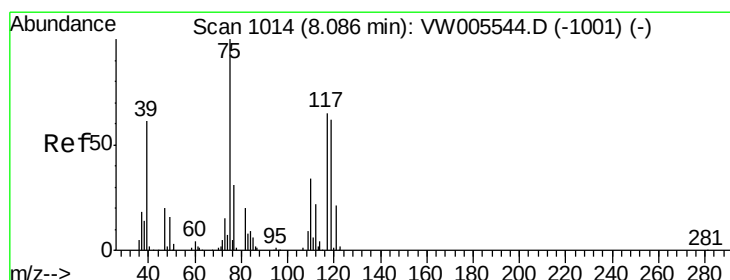
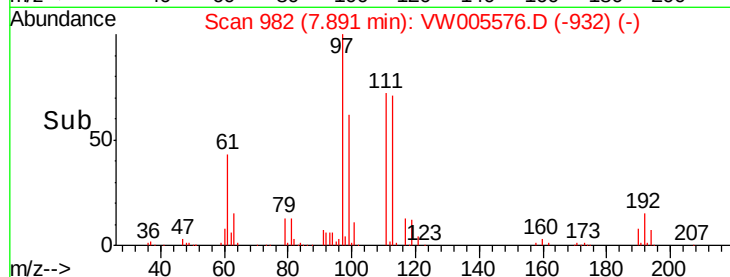
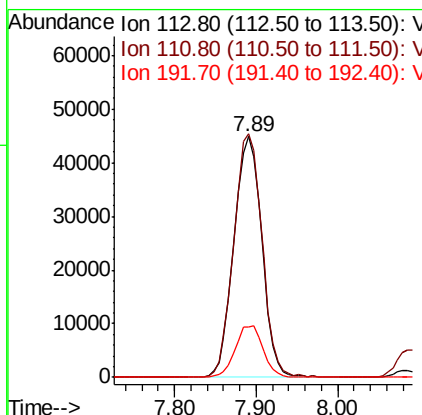
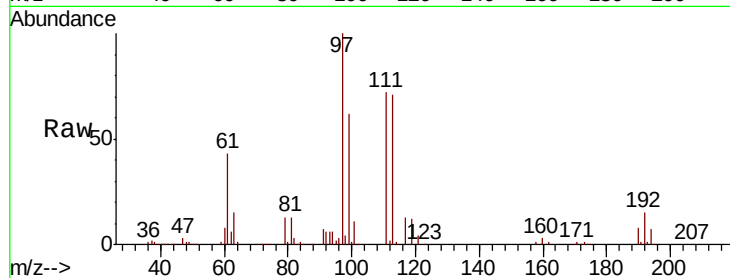
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	106358
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.6	123.8
192	21.4	17.0	25.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.540 ug/l

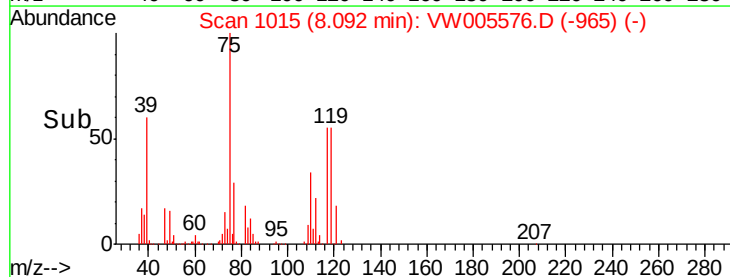
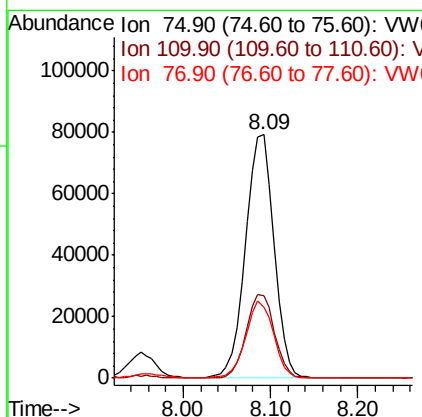
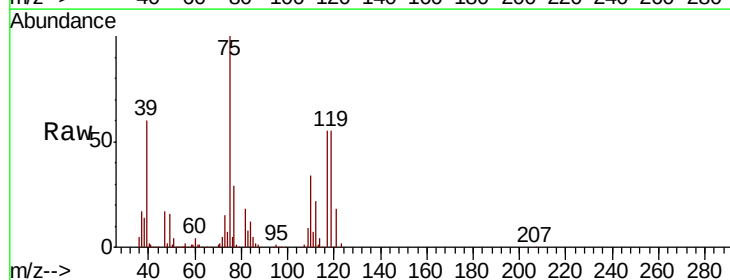
RT: 8.09 min Scan# 1015

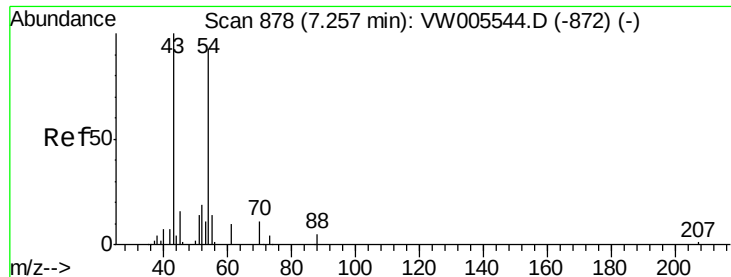
Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Tgt Ion:	75	Resp:	179948
Ion Ratio	Lower	Upper	
75	100		
110	34.2	17.0	50.9
77	30.8	24.8	37.2





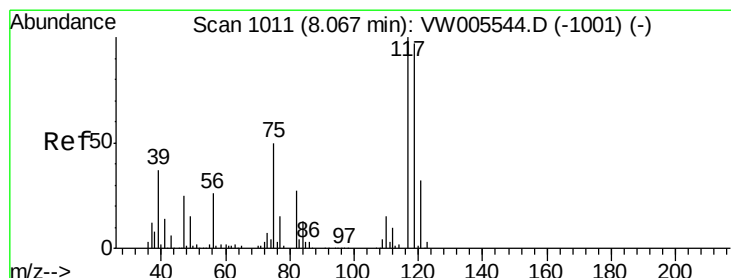
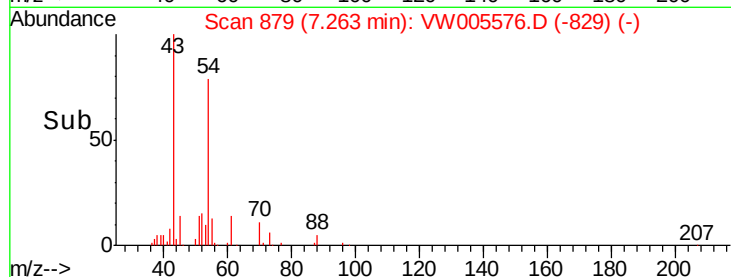
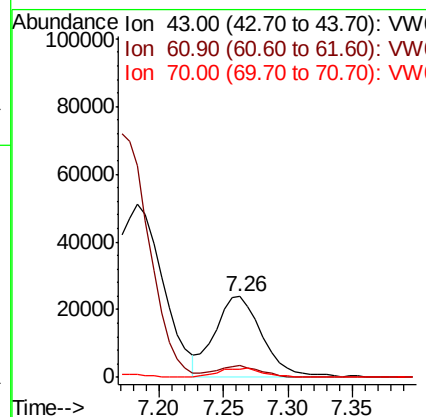
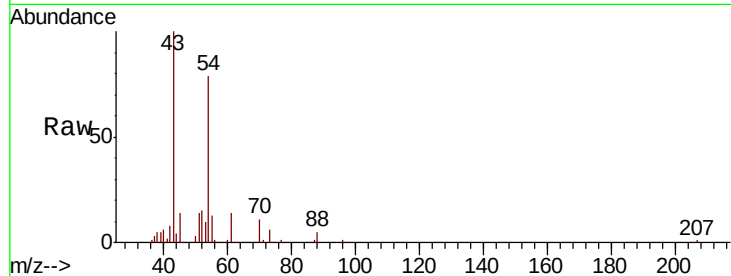
#37
Ethyl Acetate
Concen: 41.626 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.4	15.6
70	11.0	8.2	12.2

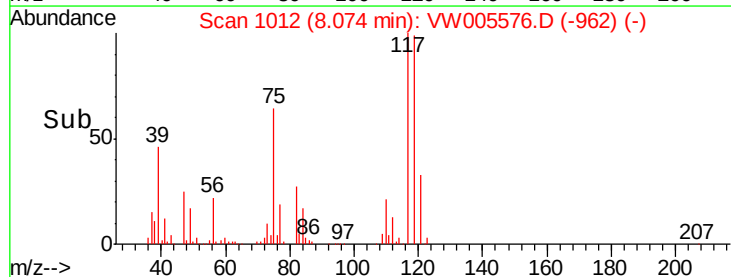
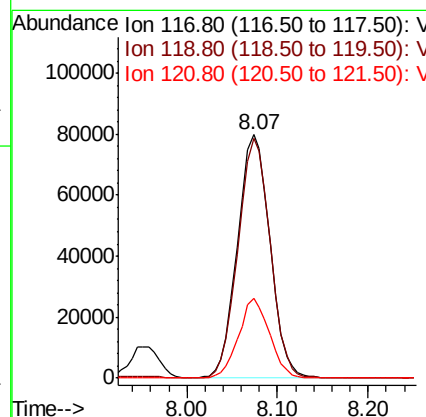
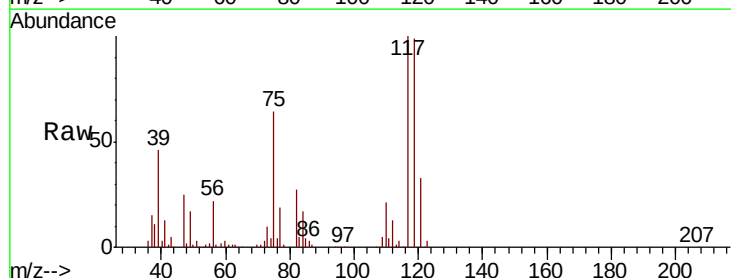
Manual Integrations
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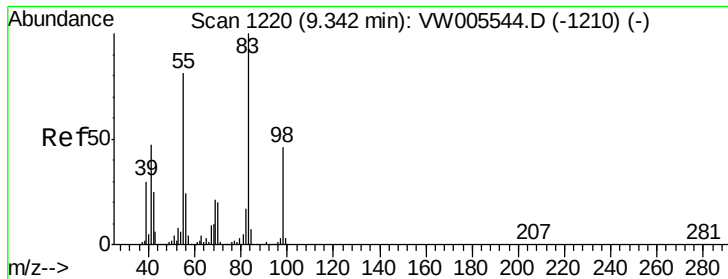
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#38
Carbon Tetrachloride
Concen: 54.108 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.6	116.4
121	32.8	25.7	38.5





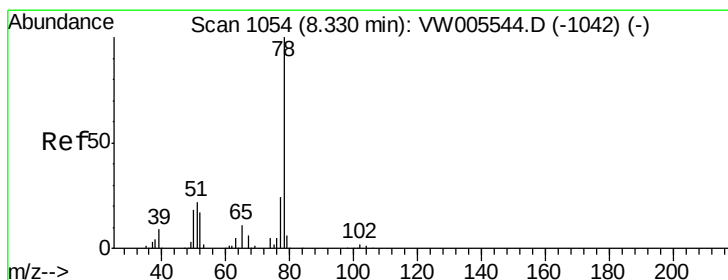
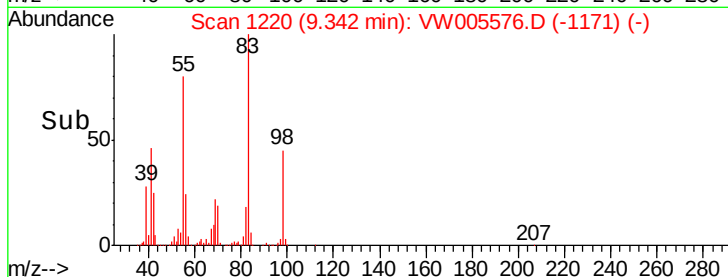
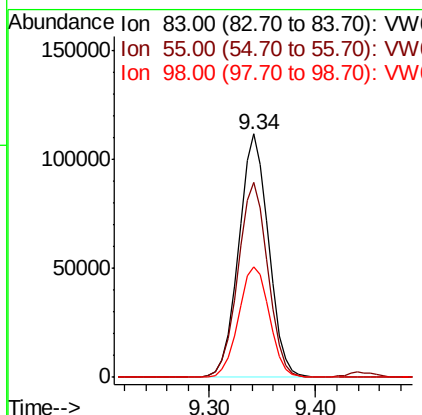
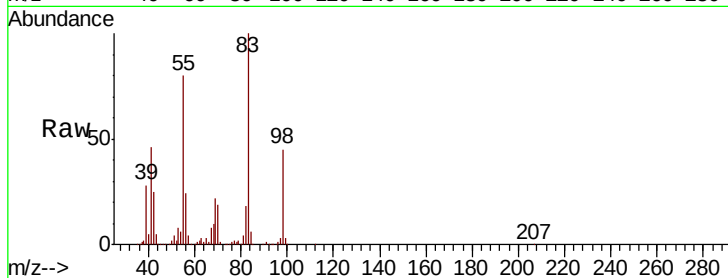
#39
Methylvlcyclohexane
Concen: 54.273 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.1	64.6	97.0
98	45.3	37.0	55.6

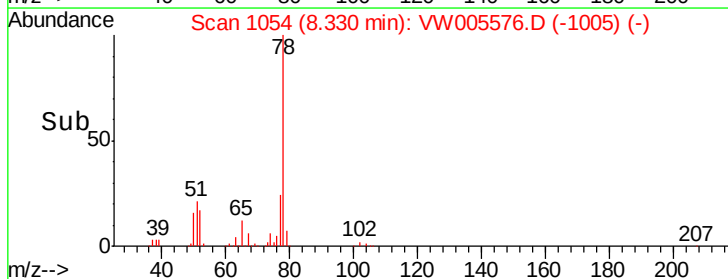
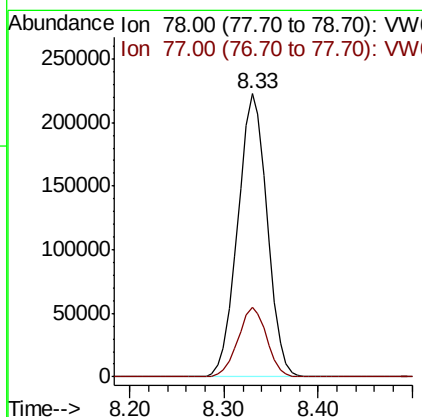
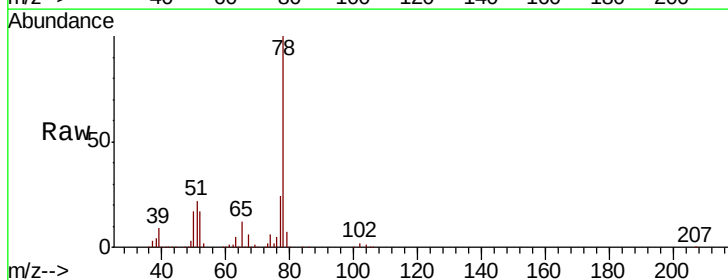
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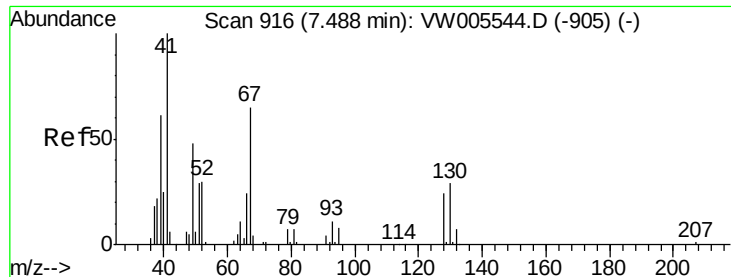
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#40
Benzene
Concen: 50.027 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4





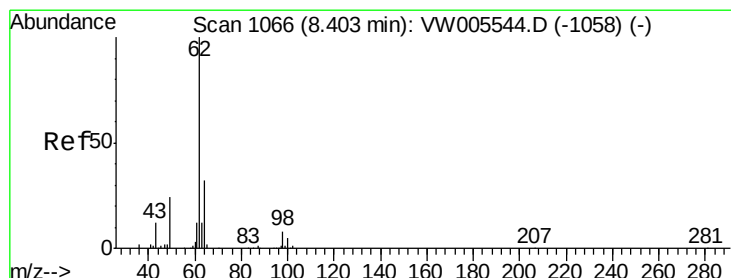
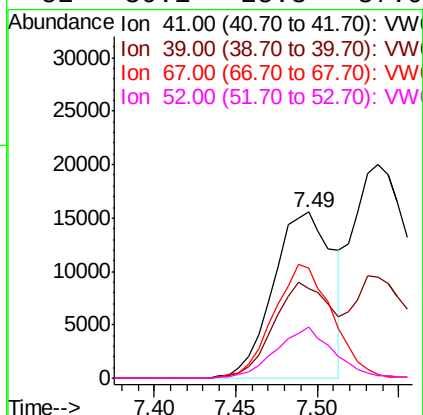
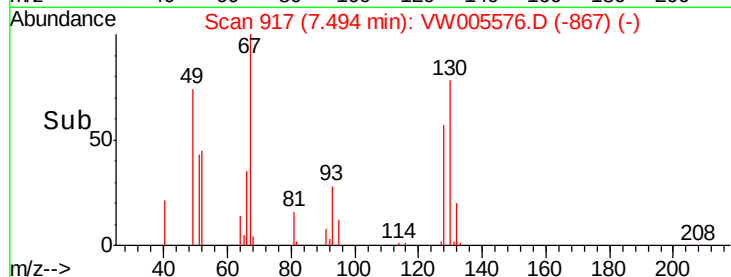
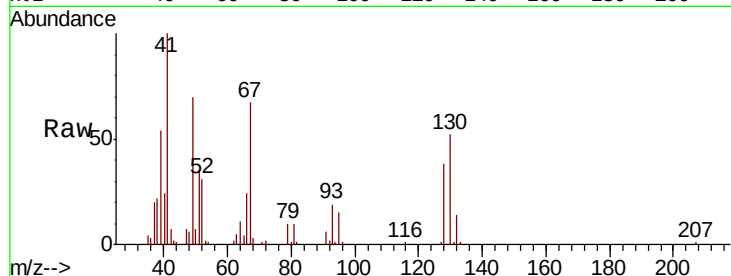
#41
Methacrylonitrile
Concen: 48.042 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	39403
Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.4	68.2
67	68.2	55.2	82.8
52	30.1	25.3	37.9

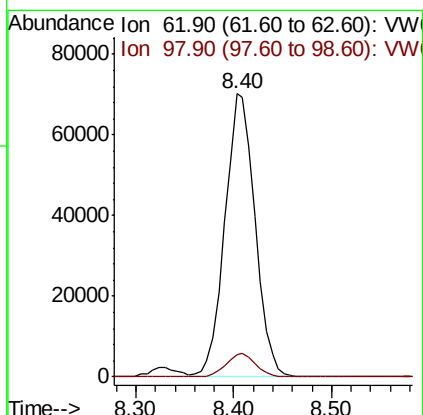
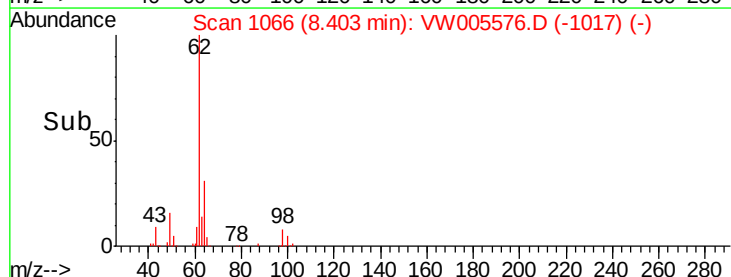
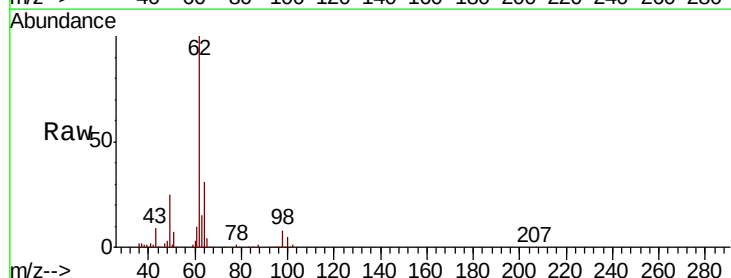
Manual Integrations
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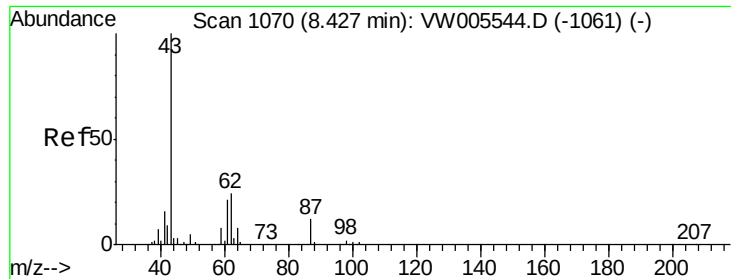
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#42
1,2-Dichloroethane
Concen: 48.229 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion	62	Resp	149844
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.6





#43

Isopropyl Acetate

Concen: 43.393 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

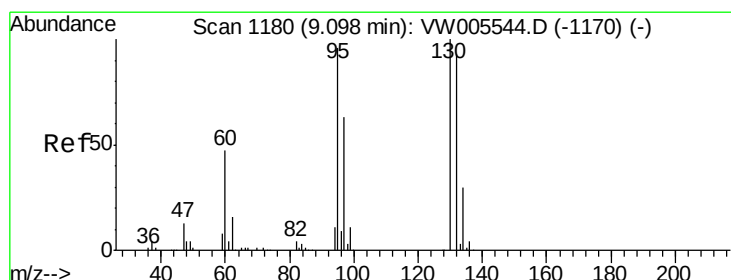
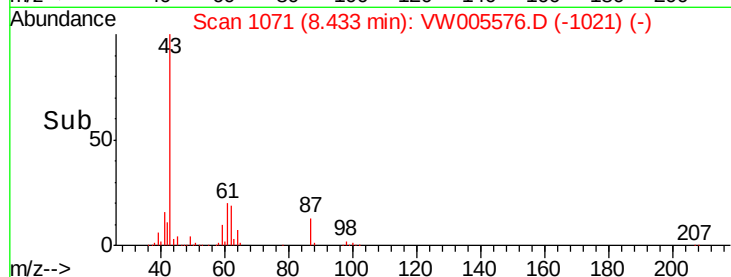
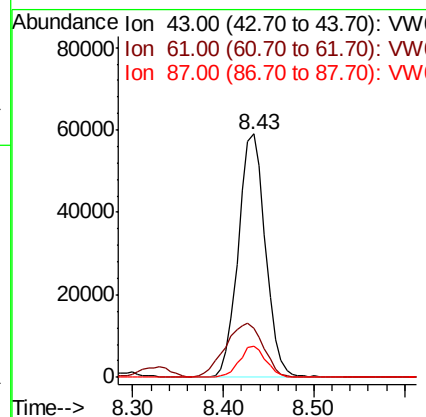
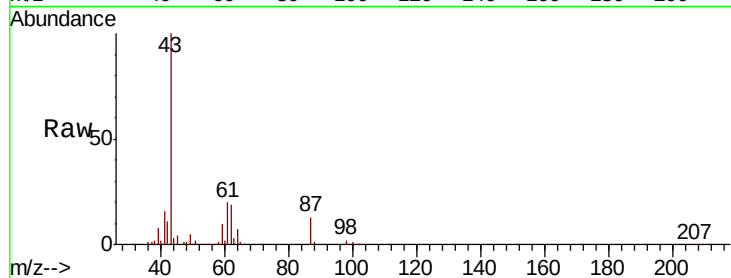
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	122966
Ion	Ratio	Lower	Upper
43	100		
61	31.1	24.1	36.1
87	12.6	9.8	14.8

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#44

Trichloroethene

Concen: 52.043 ug/l

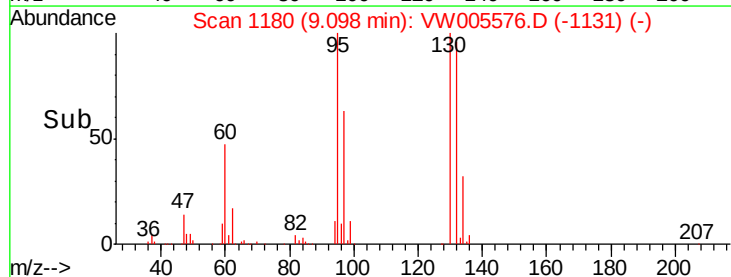
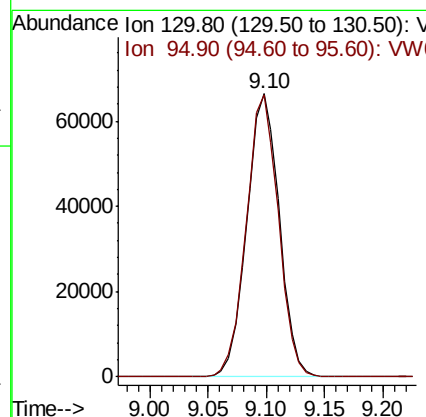
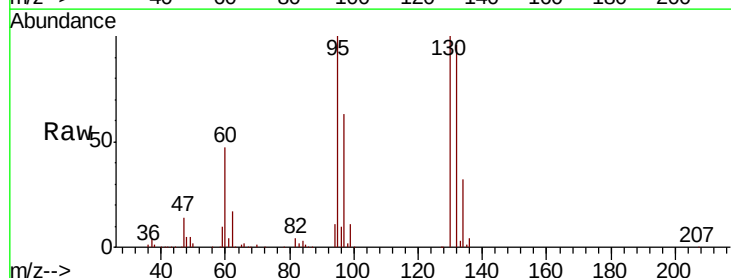
RT: 9.10 min Scan# 1180

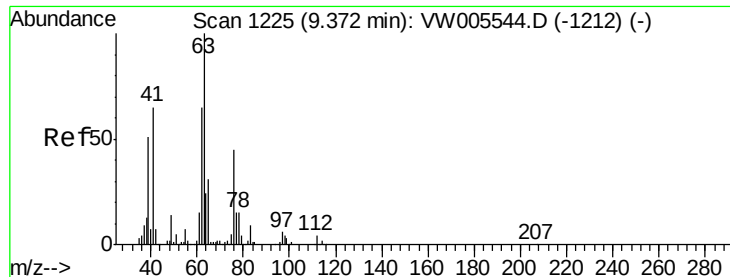
Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Tgt Ion:	130	Resp:	129272
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	191.2





#45

1,2-Dichloropropane

Concen: 48.993 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 116966

Ion Ratio Lower Upper

63 100

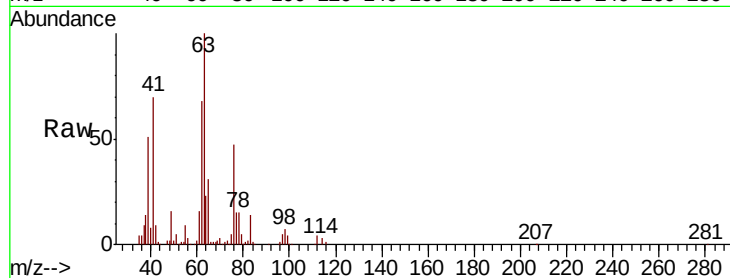
65 30.8 24.7 37.1

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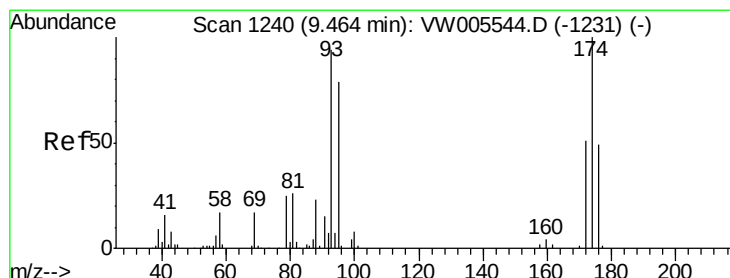
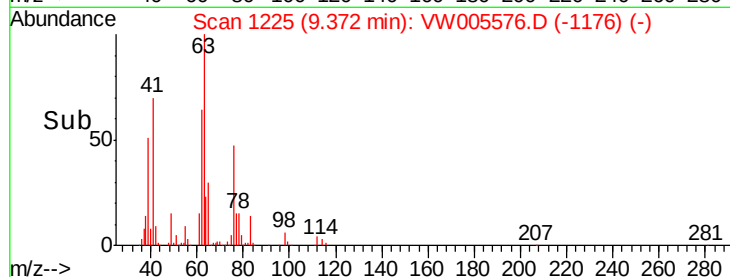
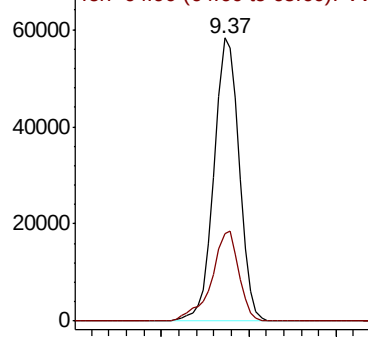
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 47.379 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

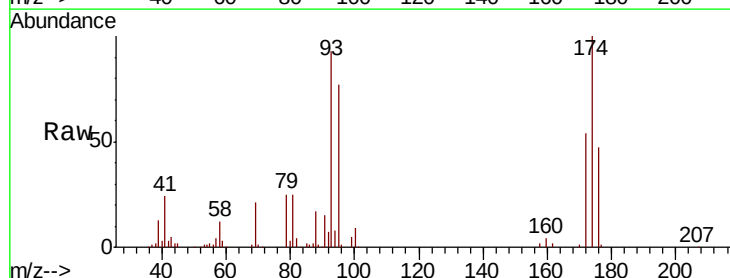
Tgt Ion: 93 Resp: 56517

Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.8

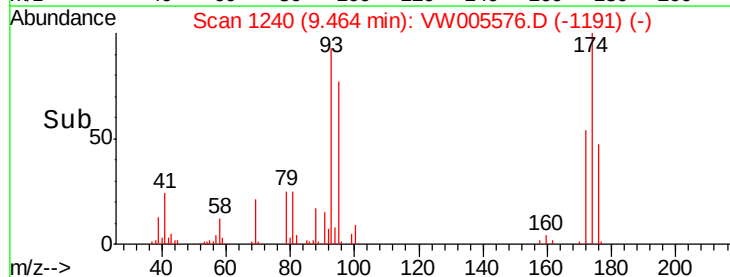
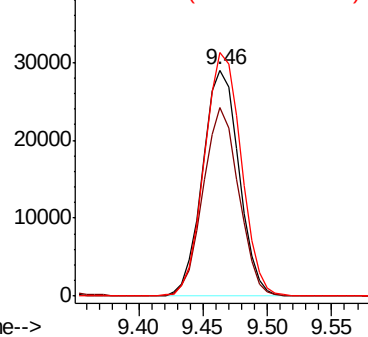
174 109.4 84.0 126.0

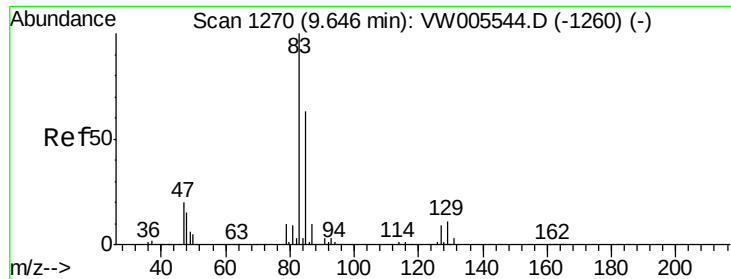


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





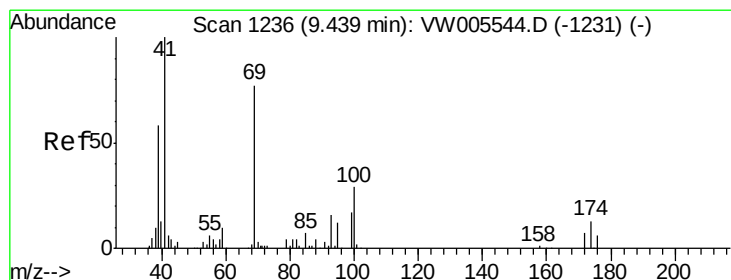
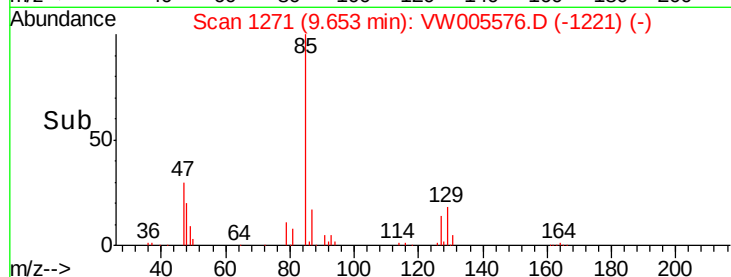
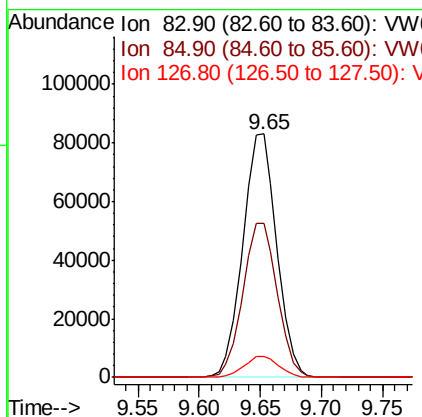
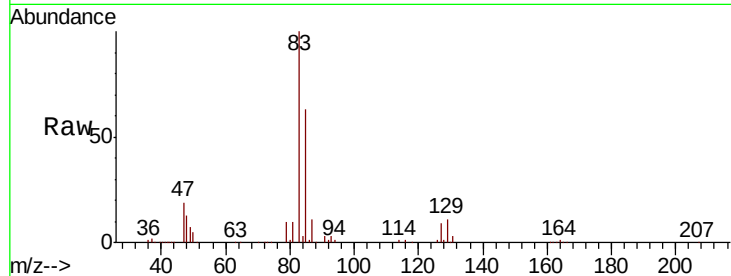
#47
 Bromodichloromethane
 Concen: 49.909 ug/l
 RT: 9.65 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	159928
Ion Ratio	100	Lower	Upper
83	100		
85	63.1	50.5	75.7
127	8.5	7.0	10.6

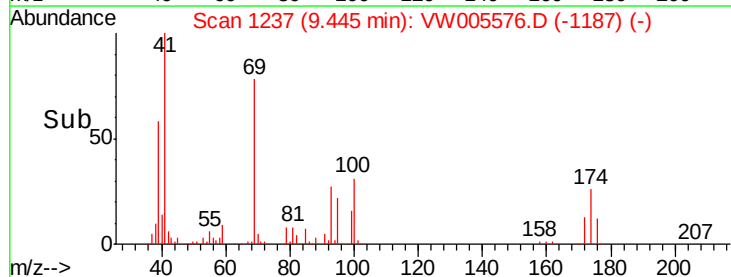
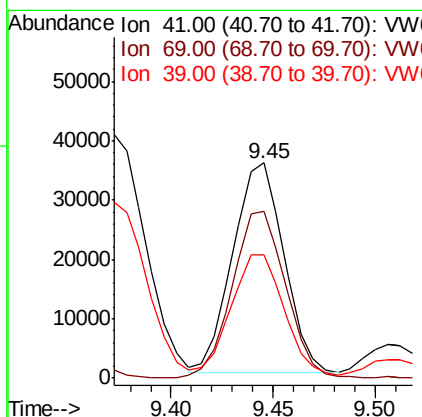
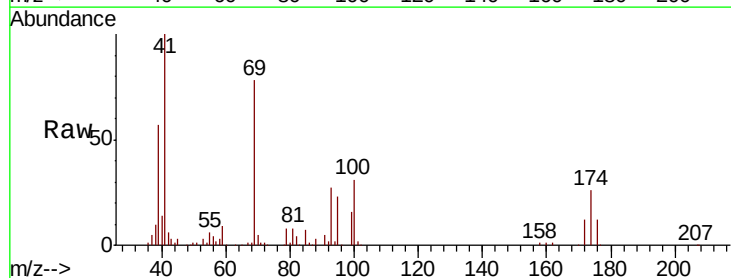
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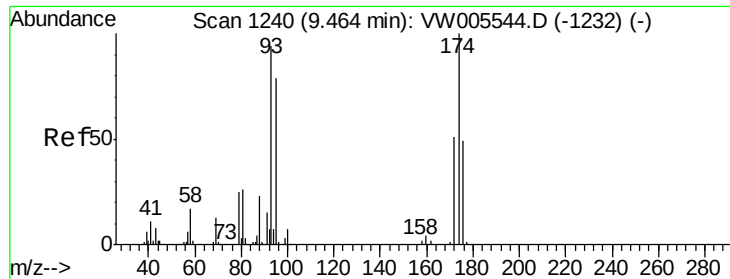
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#48
 Methyl methacrylate
 Concen: 45.863 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Tgt Ion	41	Resp	61730
Ion Ratio	100	Lower	Upper
41	100		
69	83.3	64.7	97.1
39	58.4	50.5	75.7





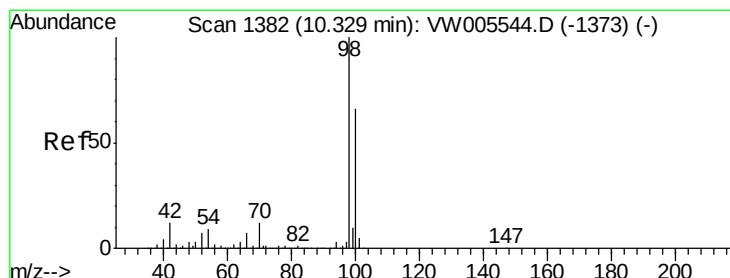
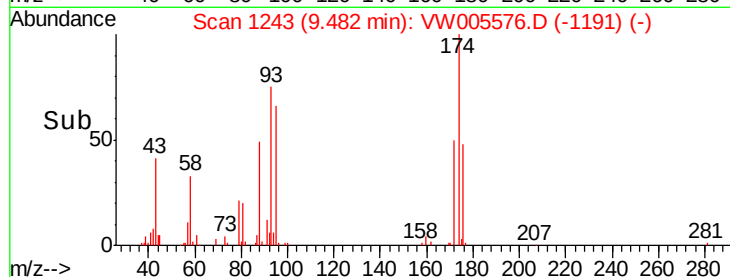
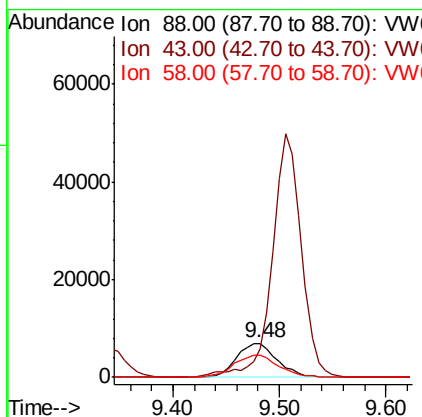
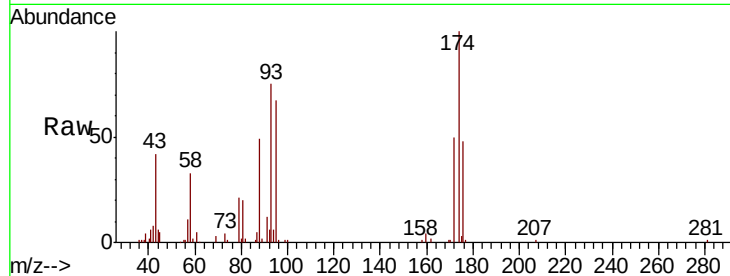
#49
1,4-Dioxane
Concen: 981.534 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	18615
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	73.2	61.2	91.8

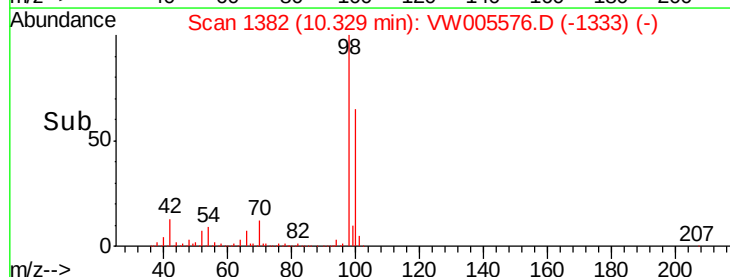
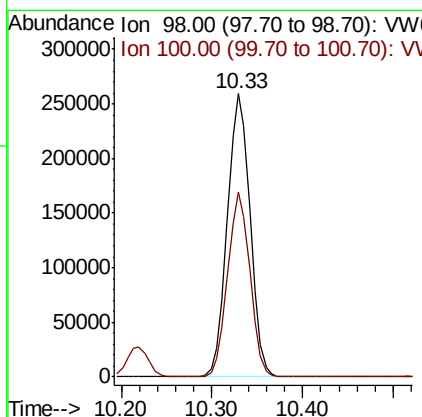
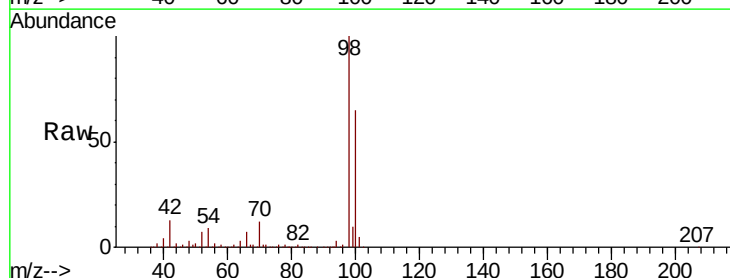
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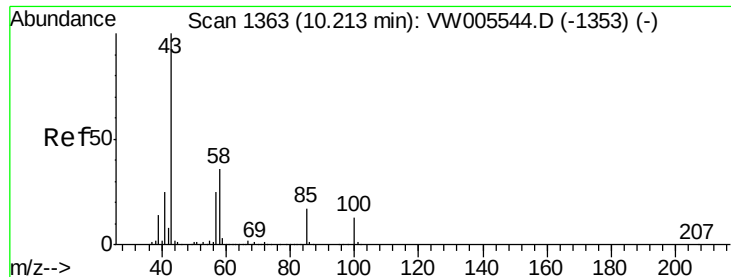
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#50
Toluene-d8
Concen: 51.797 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion	98	Resp	451252
Ion Ratio	100	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 216.531 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 309046

Ion Ratio Lower Upper

43 100

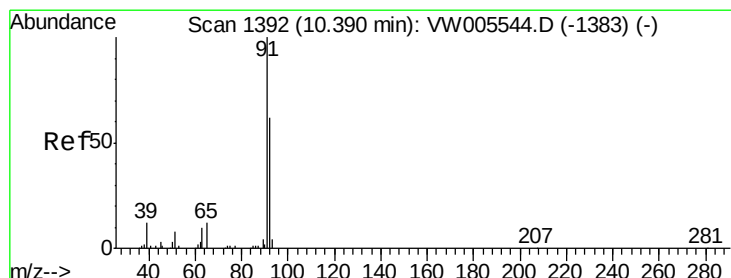
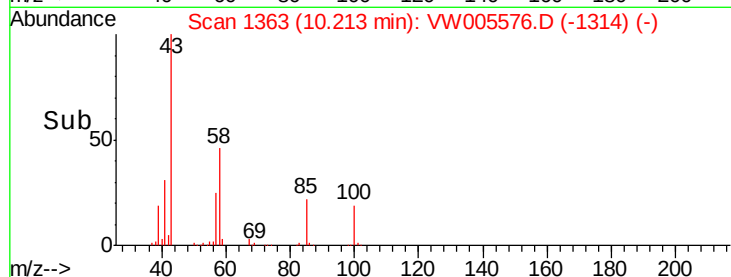
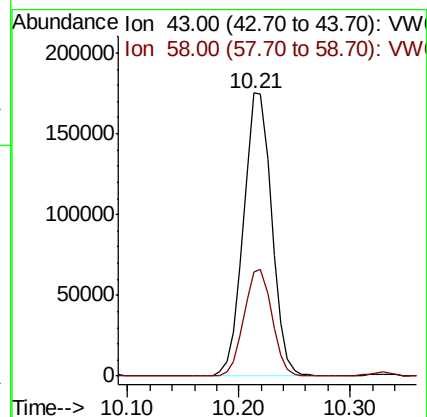
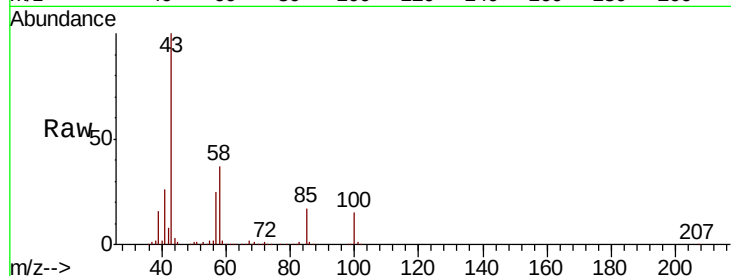
58 37.5 30.0 45.0

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#52

Toluene

Concen: 52.360 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005576.D

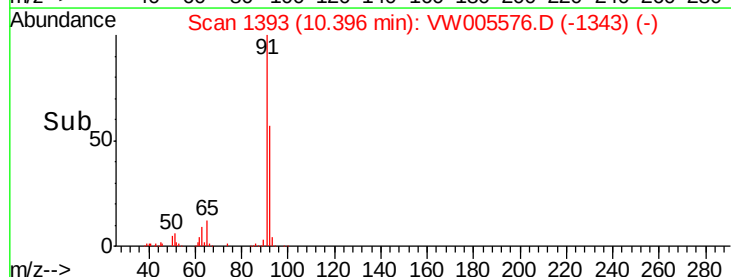
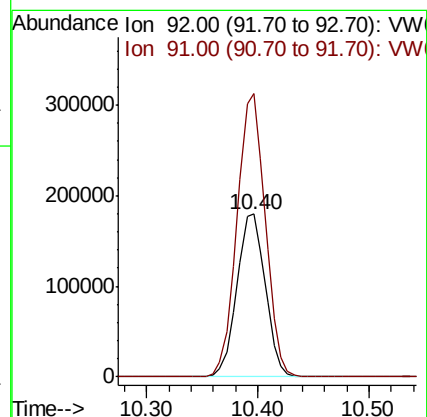
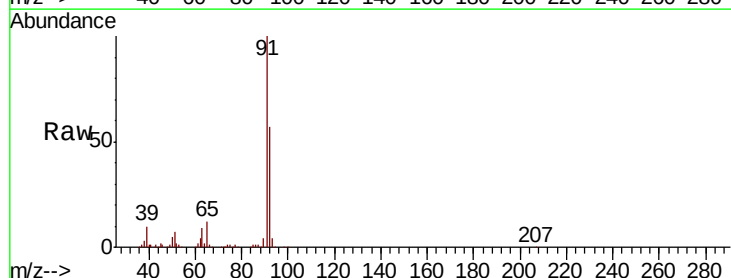
Acq: 24 Sep 2018 11:04

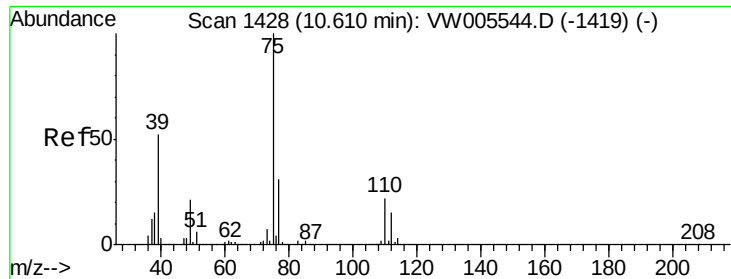
Tgt Ion: 92 Resp: 317043

Ion Ratio Lower Upper

92 100

91 173.0 137.1 205.7





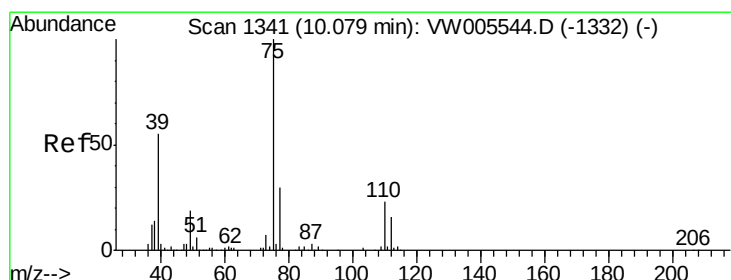
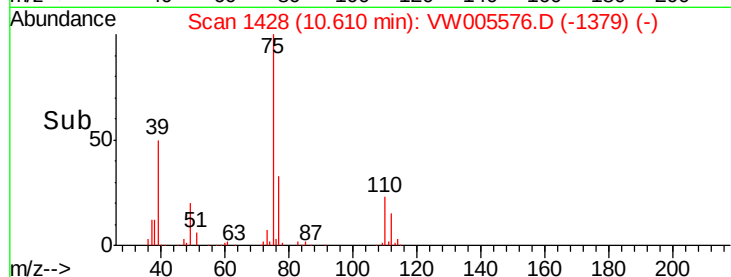
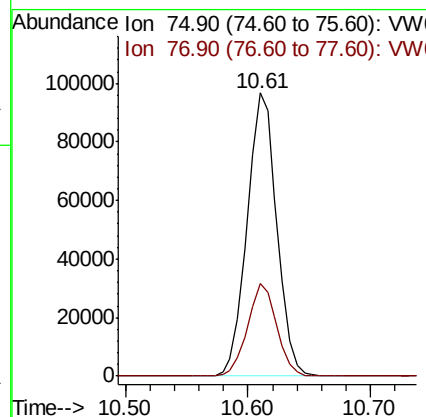
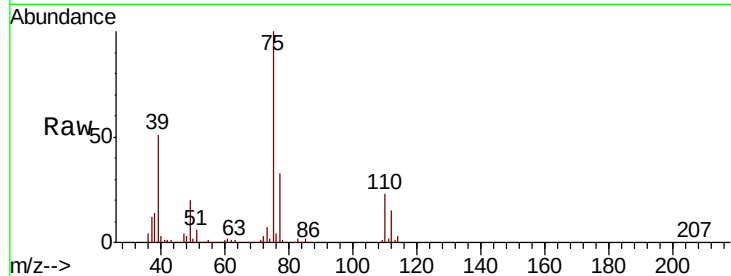
#53
t-1,3-Dichloropropene
Concen: 50.640 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 162673
Ion Ratio Lower Upper
75 100
77 32.7 24.6 37.0

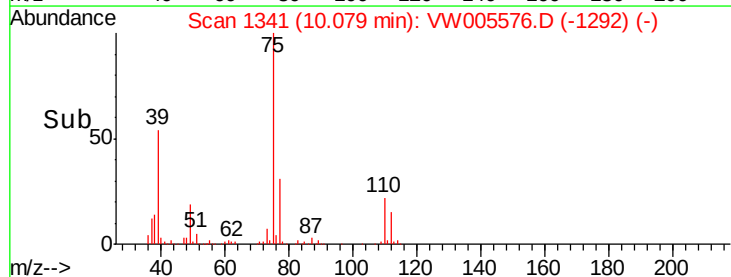
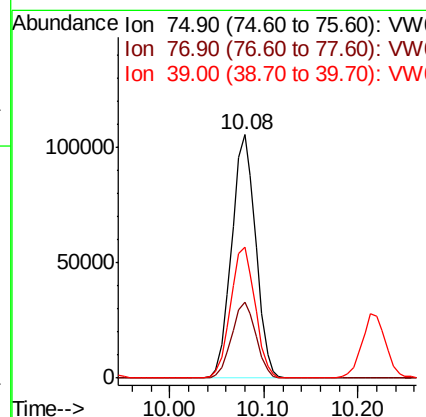
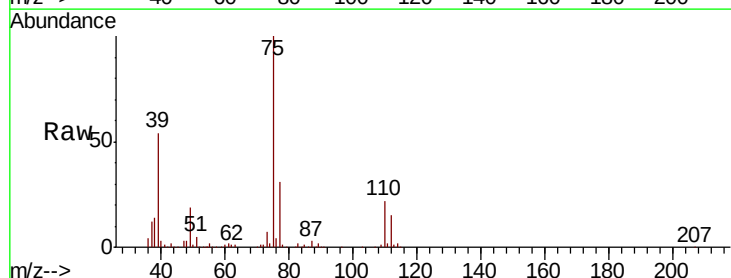
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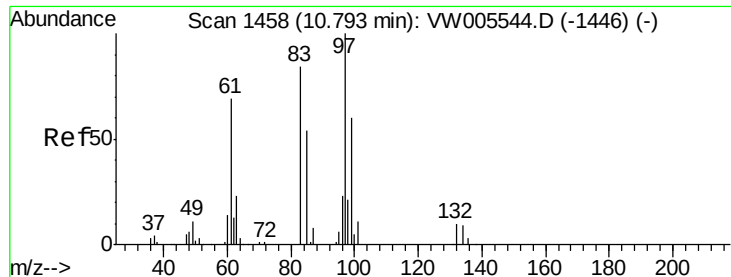
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#54
cis-1,3-Dichloropropene
Concen: 51.872 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion: 75 Resp: 186698
Ion Ratio Lower Upper
75 100
77 31.2 24.3 36.5
39 53.7 43.7 65.5





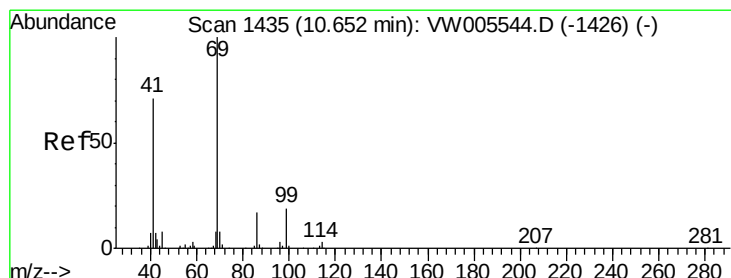
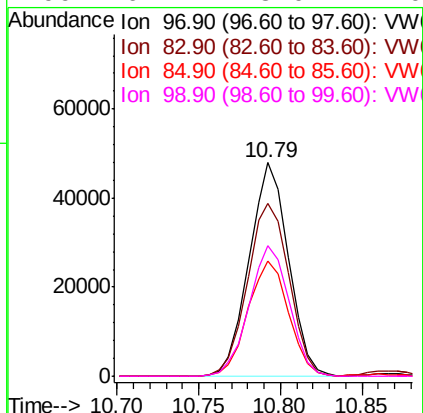
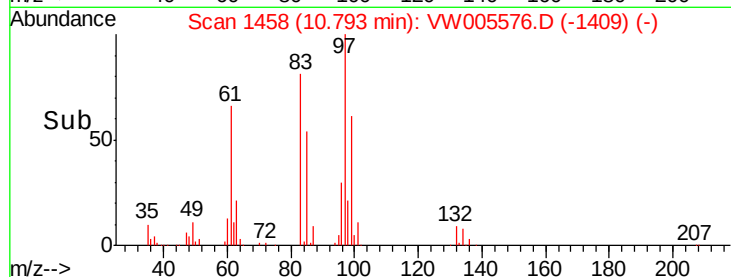
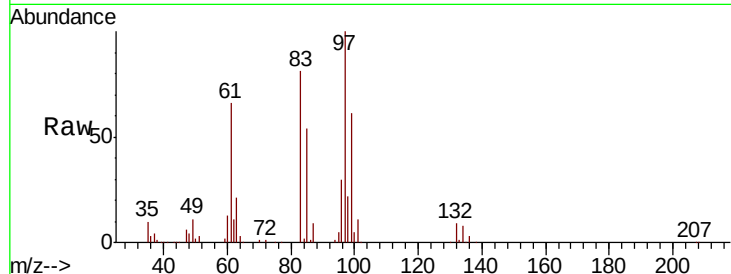
#55
 1,1,2-Trichloroethane
 Concen: 47.570 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	80549
Ion	Ratio	Lower	Upper
97	100		
83	80.9	67.4	101.2
85	54.0	43.3	64.9
99	61.2	48.0	72.0

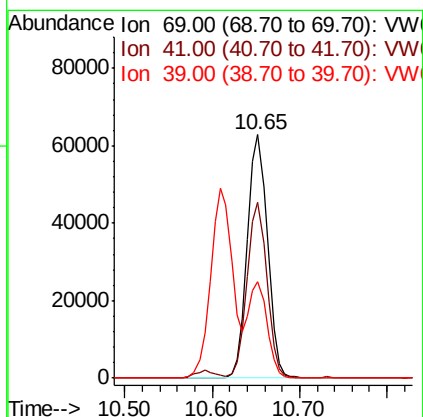
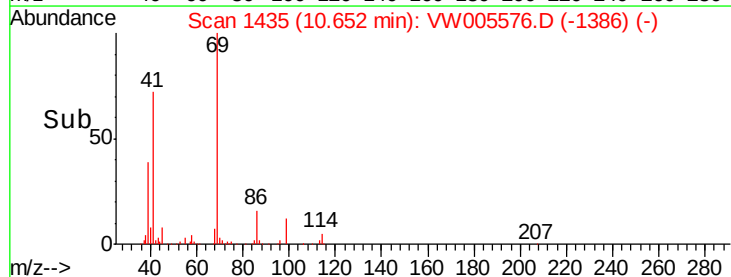
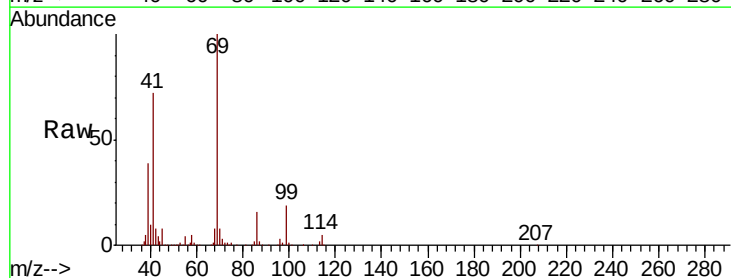
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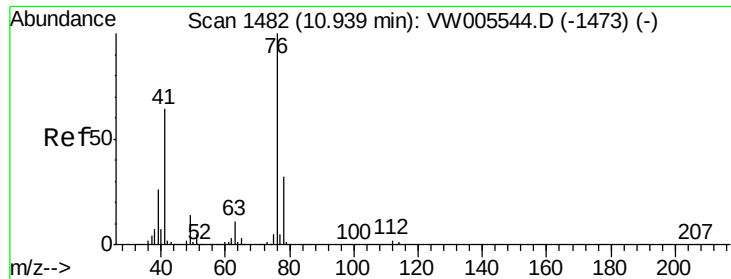
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#56
 Ethyl methacrylate
 Concen: 48.148 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Tgt Ion:	69	Resp:	100642
Ion	Ratio	Lower	Upper
69	100		
41	70.9	57.3	85.9
39	36.7	29.2	43.8





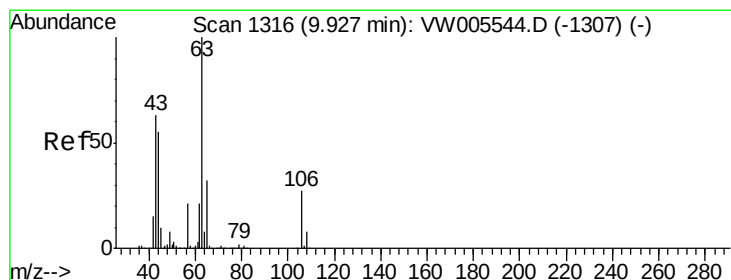
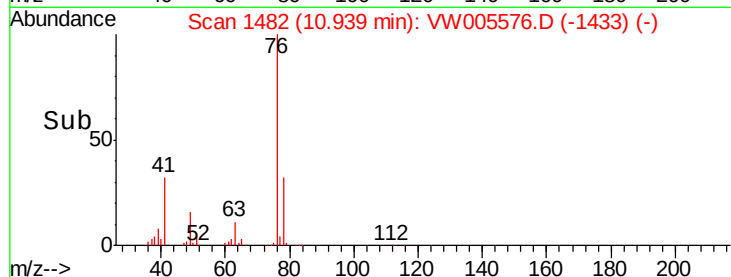
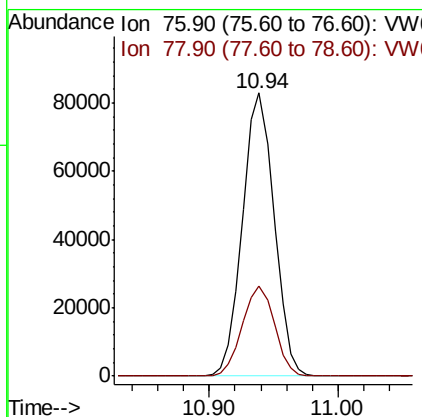
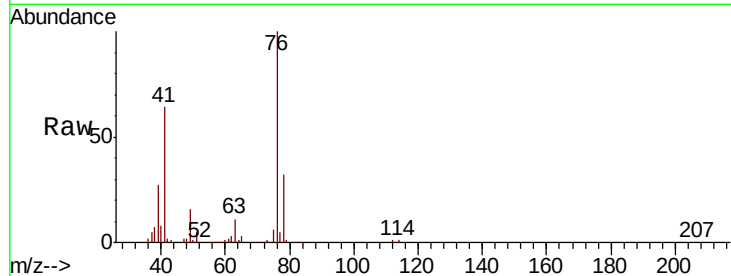
#57
 1,3-Dichloropropane
 Concen: 46.910 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.6	38.4

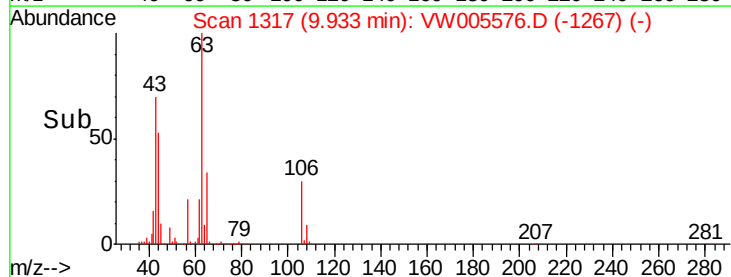
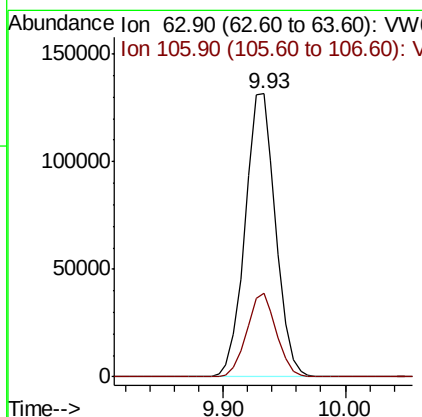
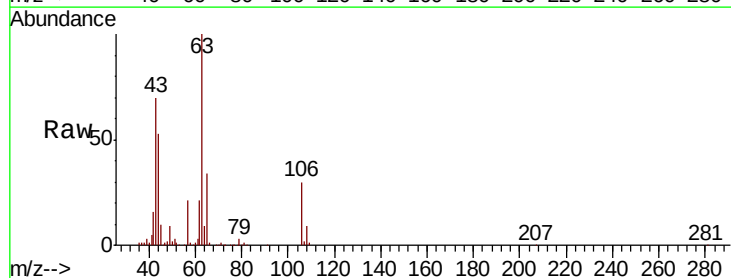
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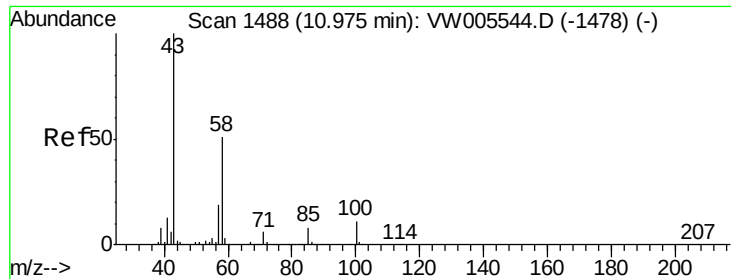
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#58
 2-Chloroethyl Vinyl ether
 Concen: 240.153 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	21.6	32.4





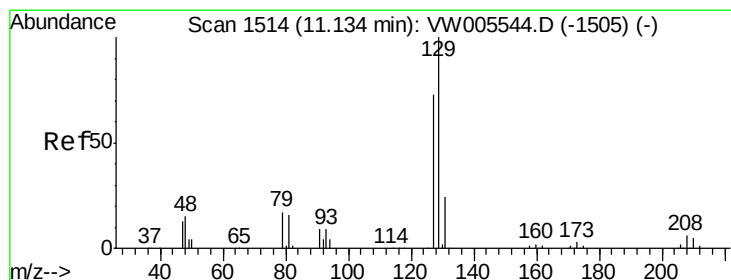
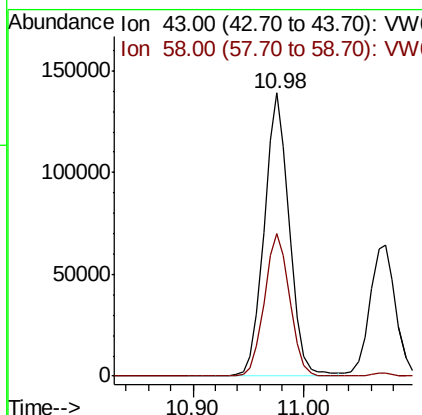
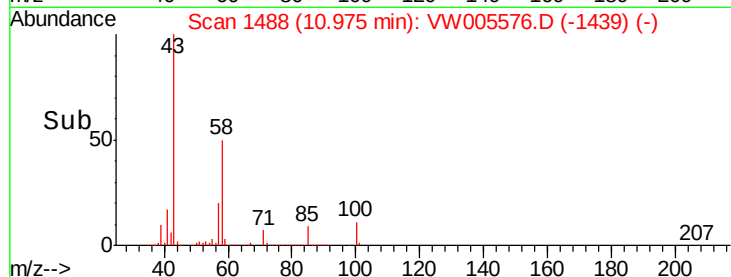
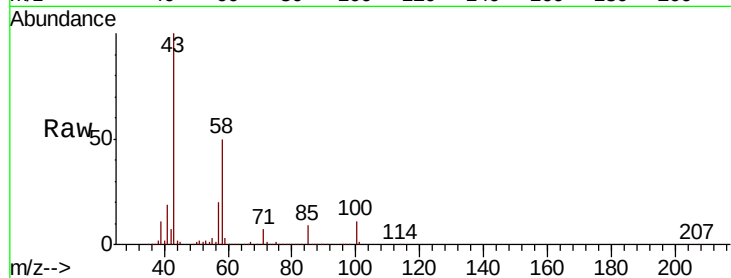
#59
2-Hexanone
Concen: 224.927 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 218084
Ion Ratio Lower Upper
43 100
58 50.8 25.3 75.9

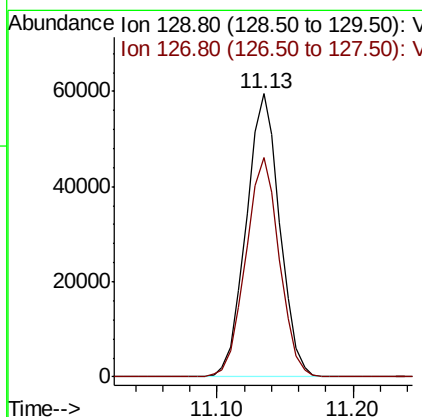
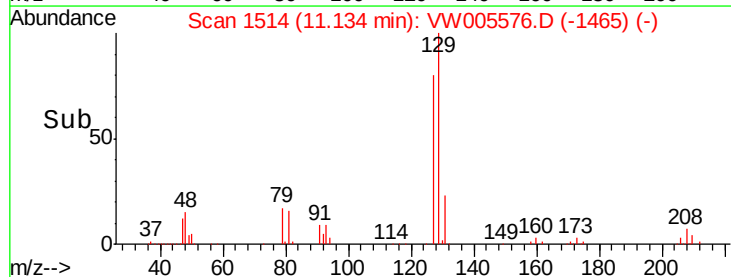
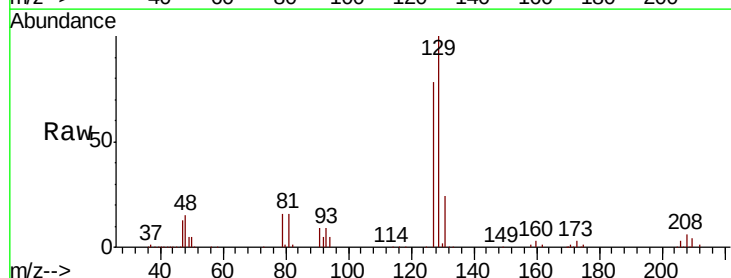
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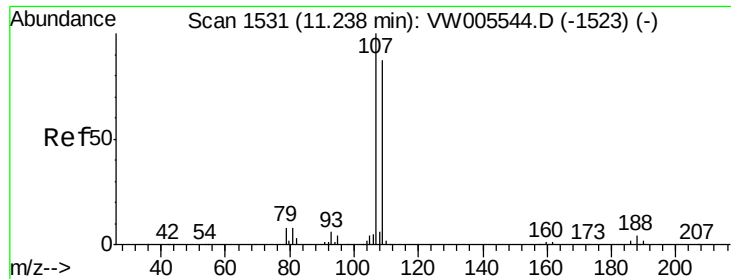
apatel
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#60
Dibromochloromethane
Concen: 50.186 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion: 129 Resp: 102676
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 47.292 ug/l

RT: 11.24 min Scan# 1532

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 74661

Ion Ratio Lower Upper

107 100

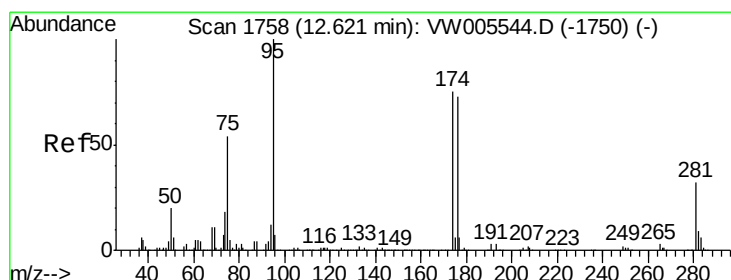
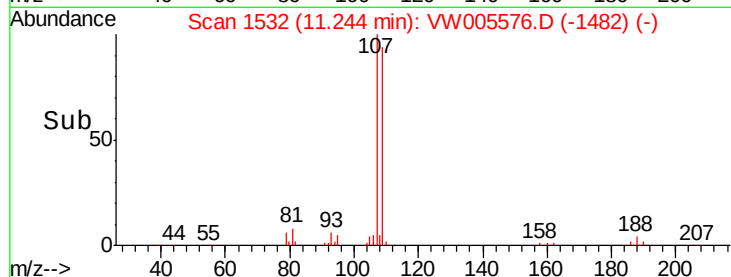
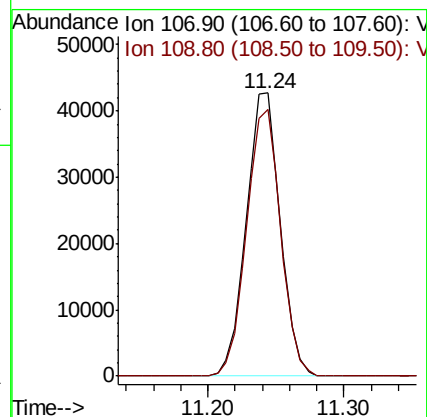
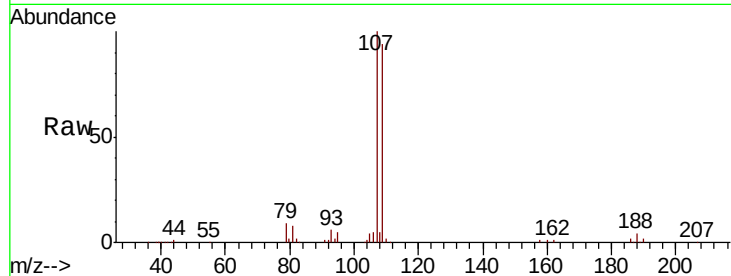
109 94.5 73.4 110.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.533 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

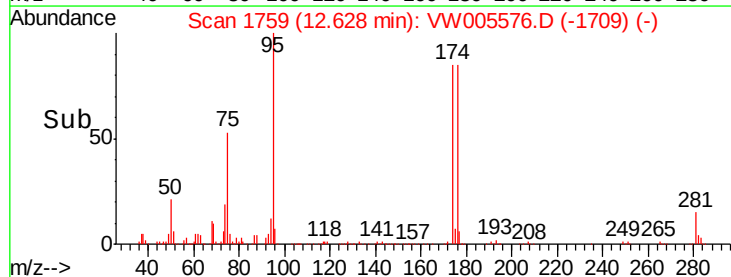
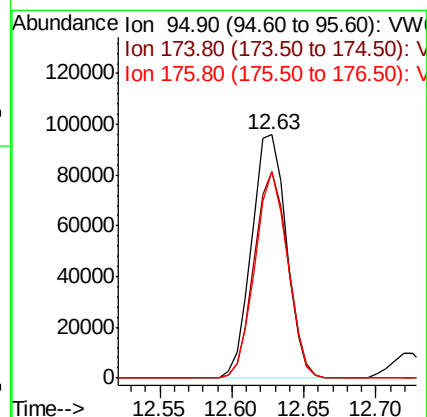
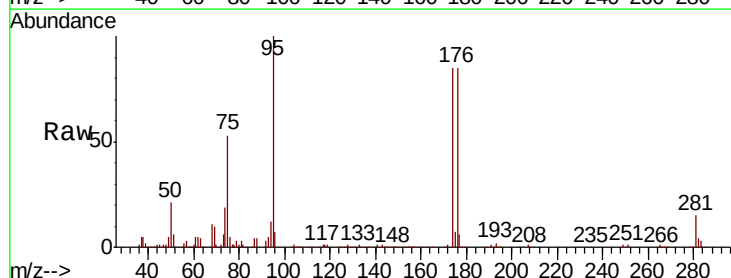
Tgt Ion: 95 Resp: 159676

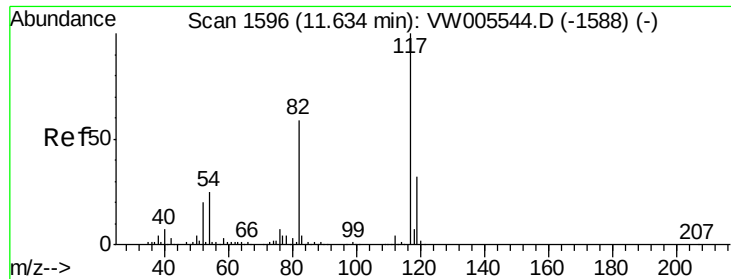
Ion Ratio Lower Upper

95 100

174 82.5 0.0 163.8

176 80.1 0.0 158.0





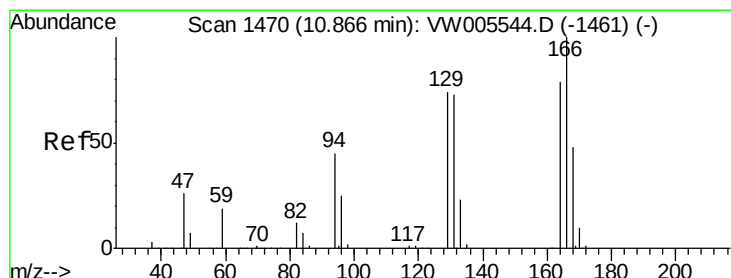
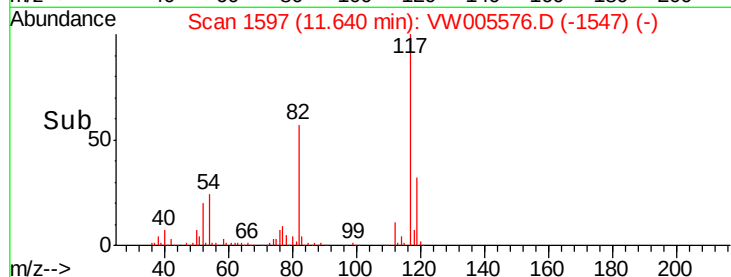
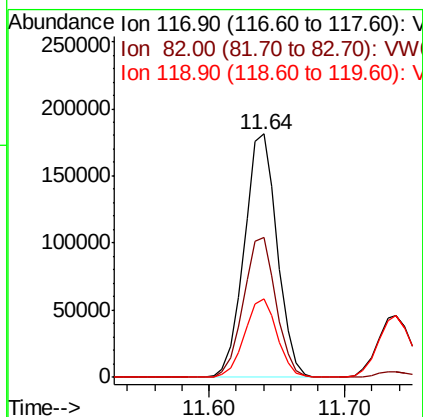
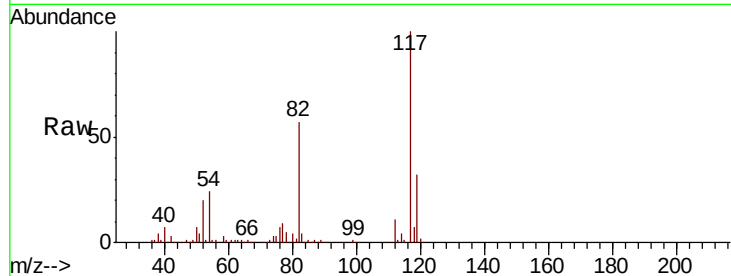
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	306265		
82	57.5	46.9	70.3	
119	32.1	25.7	38.5	

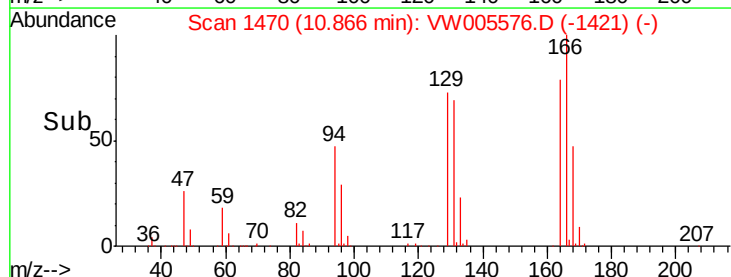
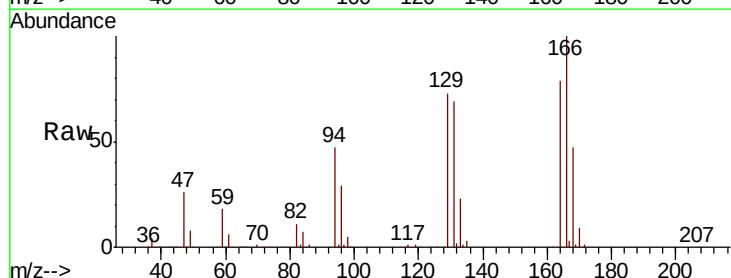
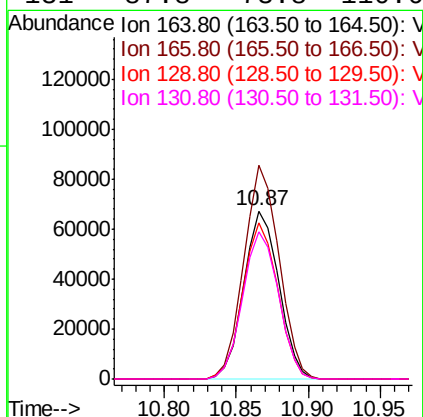
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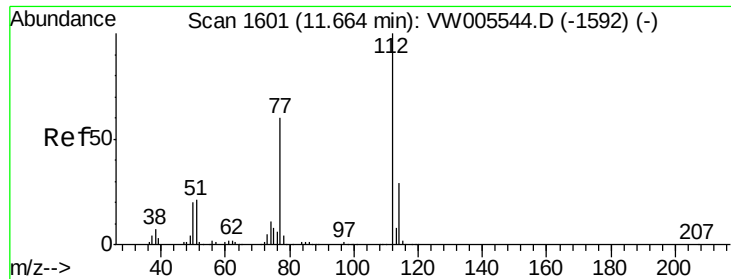
apatel
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#64
Tetrachloroethene
Concen: 52.273 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	113625		
166	127.0	101.1	151.7	
129	92.9	74.4	111.6	
131	87.8	73.8	110.6	





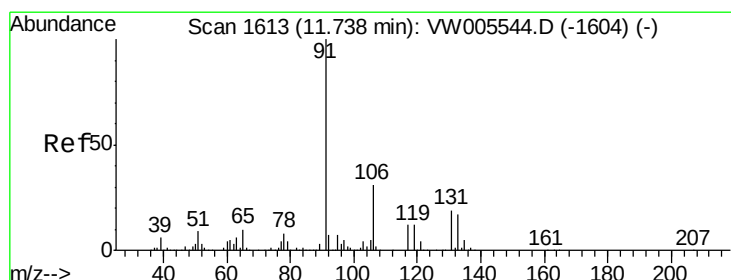
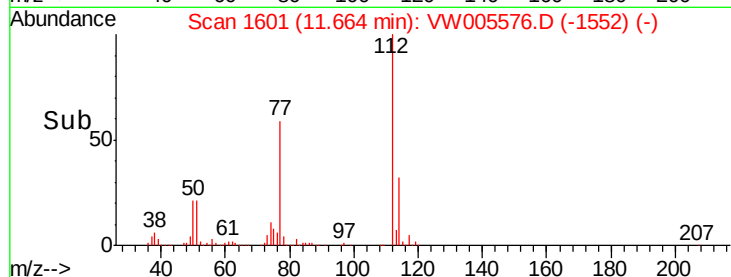
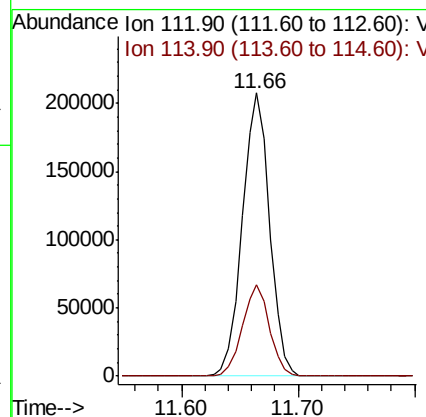
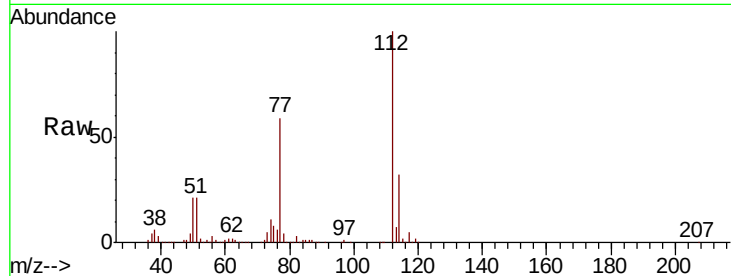
#65
Chlorobenzene
Concen: 51.918 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	337555		
114	32.5	22.9	34.3	

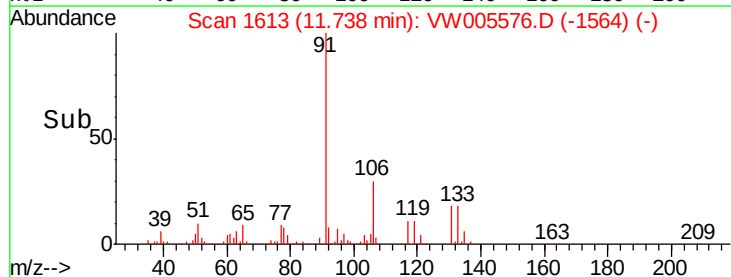
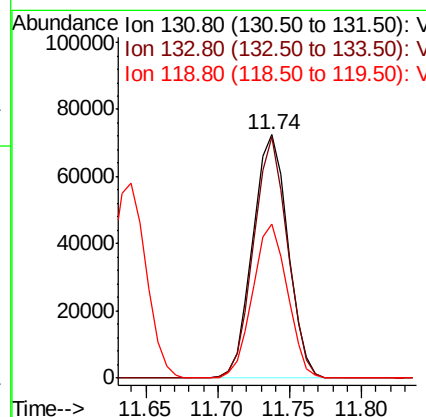
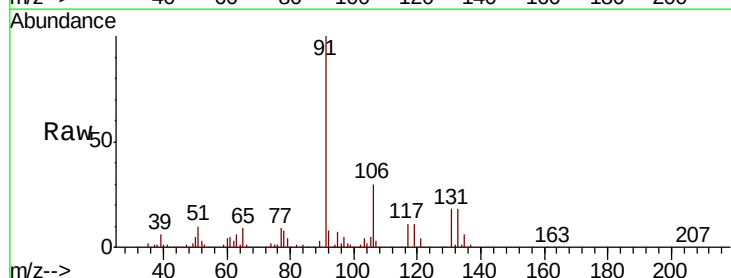
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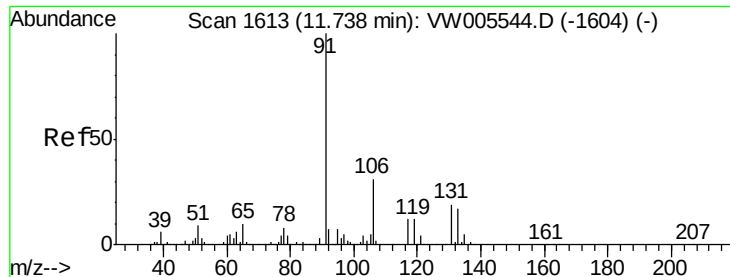
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.400 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	122616		
133	95.3	47.2	141.6	
119	62.4	31.1	93.2	





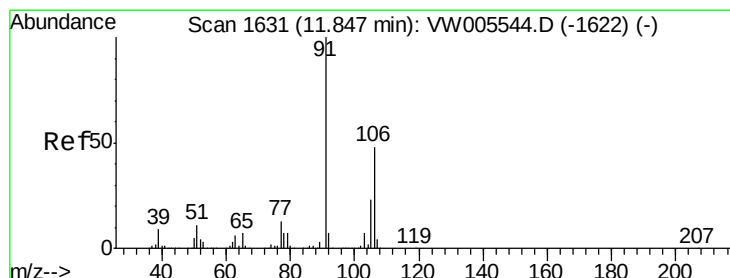
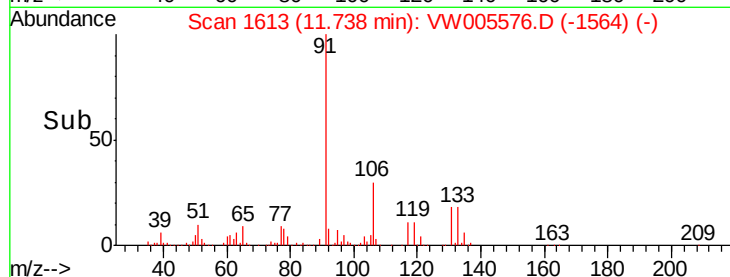
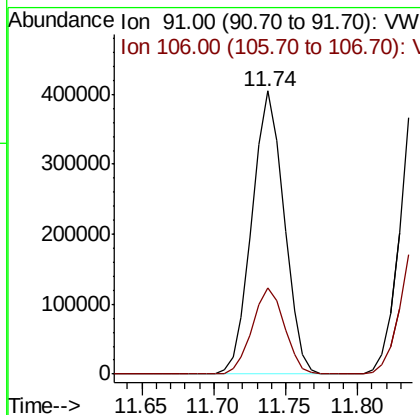
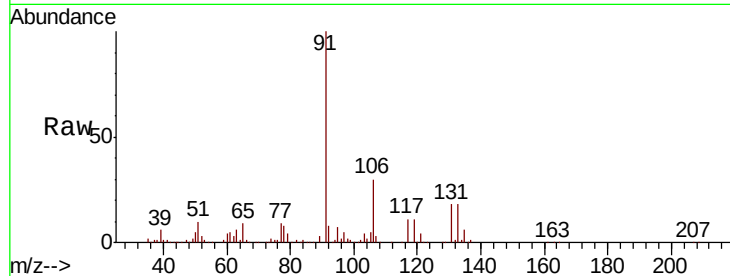
#67
Ethyl Benzene
Concen: 54.017 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 623385
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6

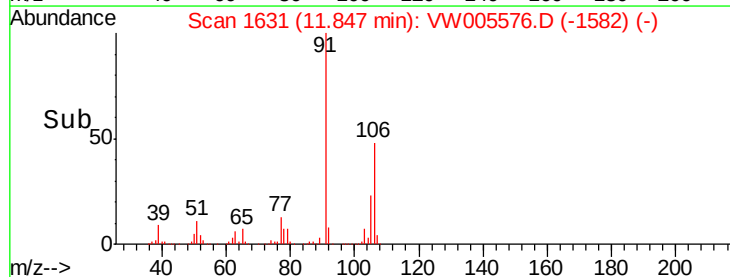
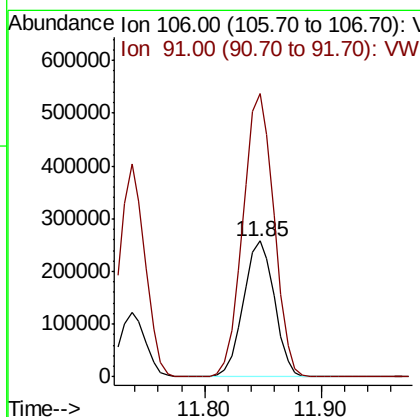
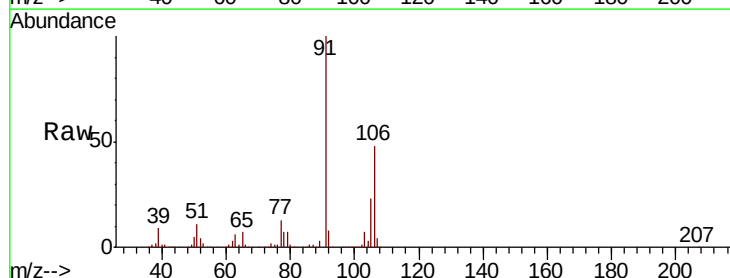
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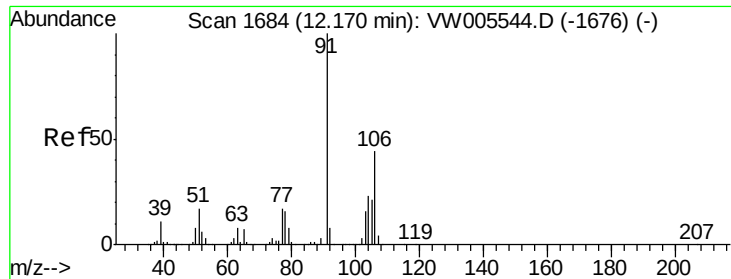
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#68
m/p-Xylenes
Concen: 110.066 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion: 106 Resp: 479889
Ion Ratio Lower Upper
106 100
91 208.5 167.8 251.8





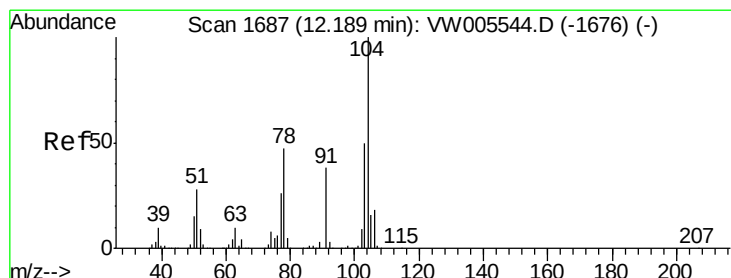
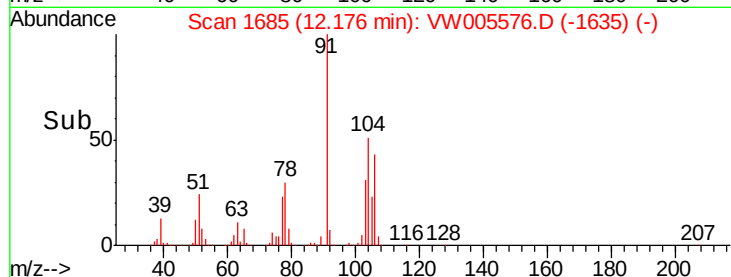
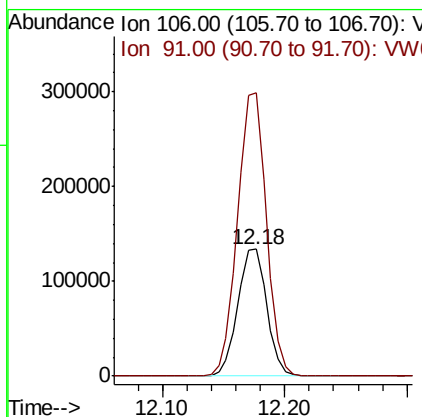
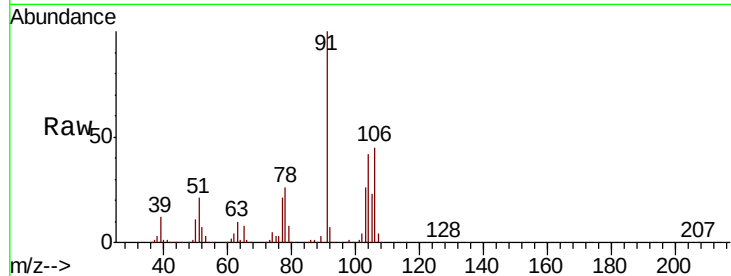
#69
o-Xylene
Concen: 54.009 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		220535		
91	220.9	111.0	333.0		

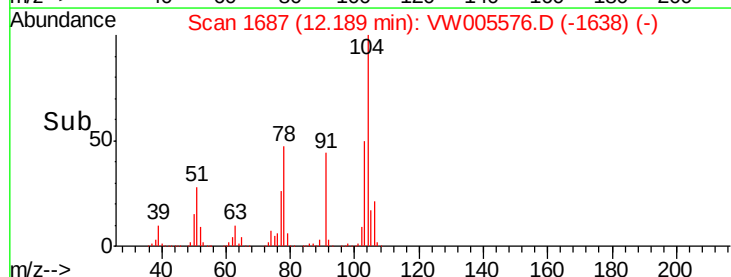
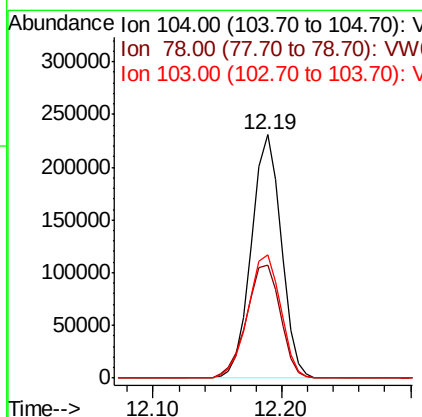
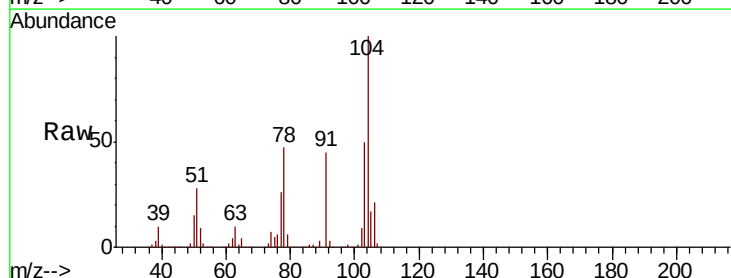
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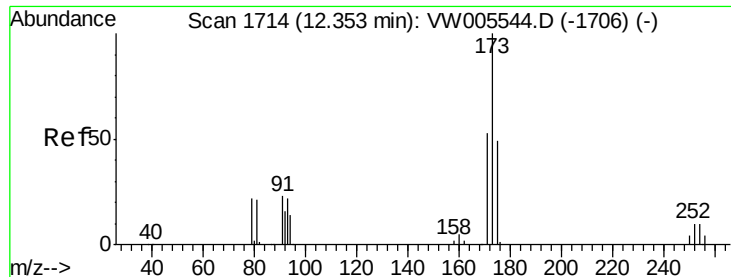
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#70
Styrene
Concen: 53.706 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		369053		
78	52.9	42.2	63.4		
103	55.7	44.6	66.8		





#71

Bromoform

Concen: 49.513 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

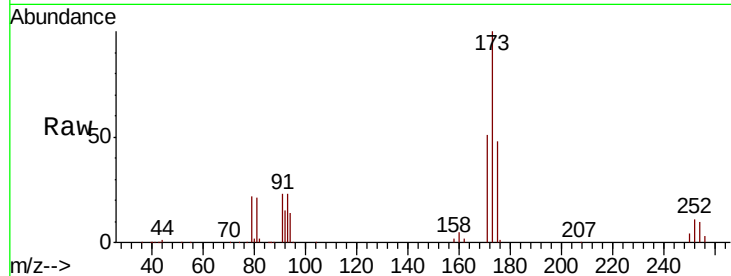
ClientSampleId :

VSTDCCC050

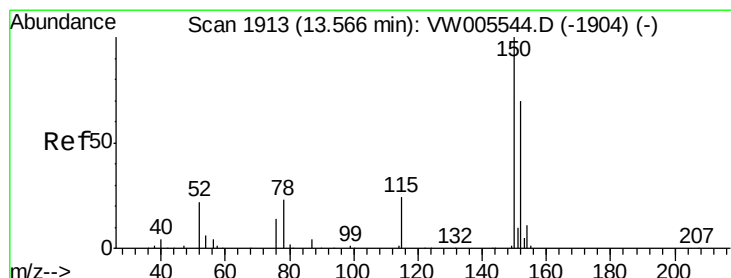
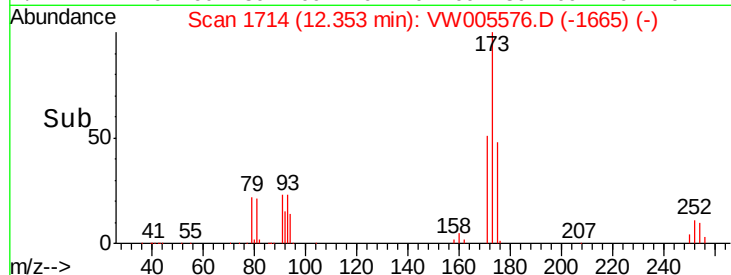
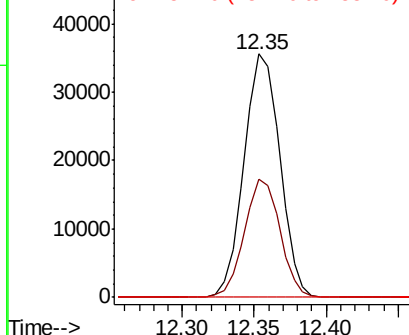
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.3	72.9
254	0.1	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

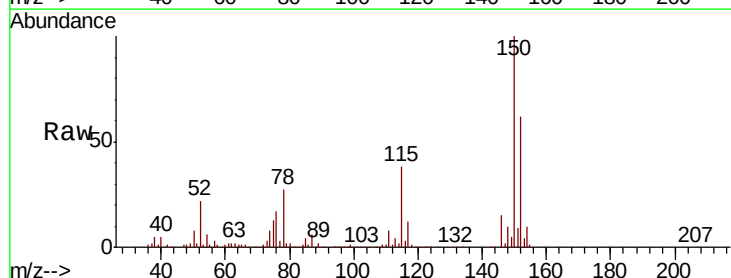
RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

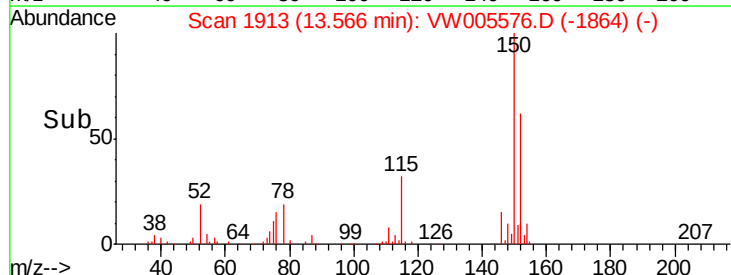
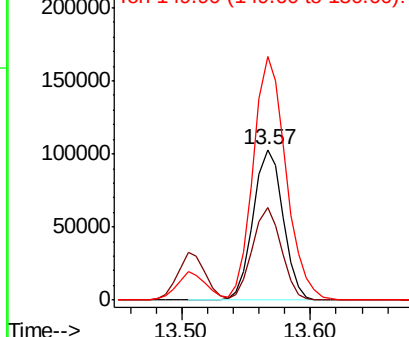
Lab File: VW005576.D

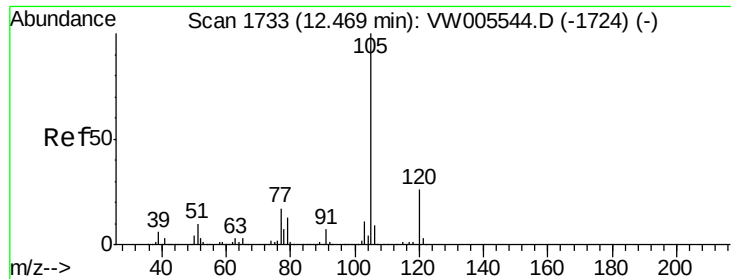
Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.0	90.0
150	176.7	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: 56.441 ug/l

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 644049

Ion Ratio Lower Upper

105 100

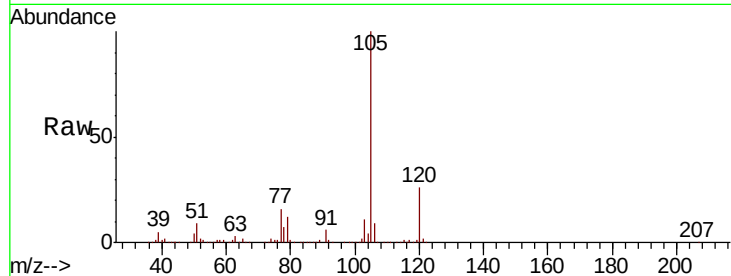
120 25.7 12.9 38.7

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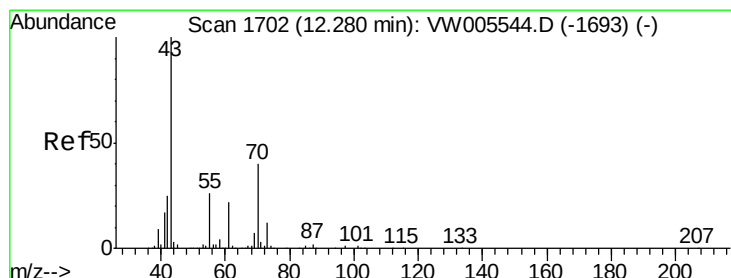
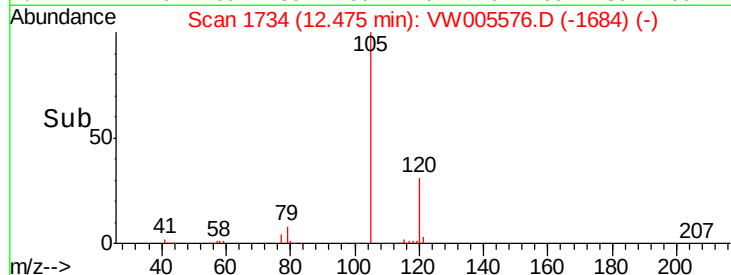
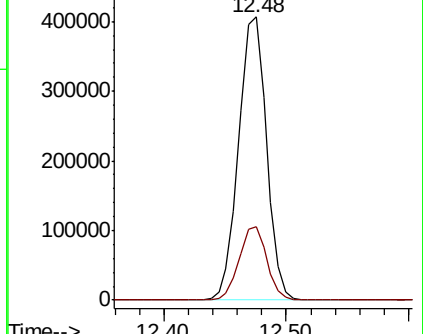
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.000 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Tgt Ion: 43 Resp: 116275

Ion Ratio Lower Upper

43 100

70 41.1 31.4 47.0

55 27.6 20.9 31.3

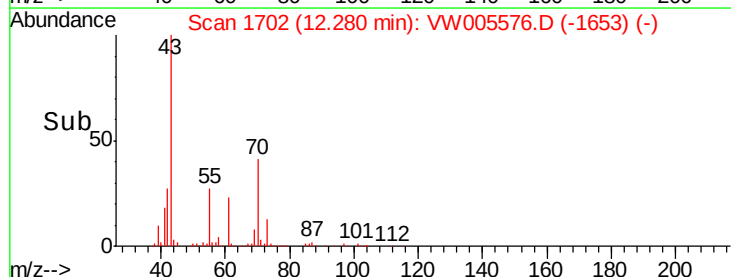
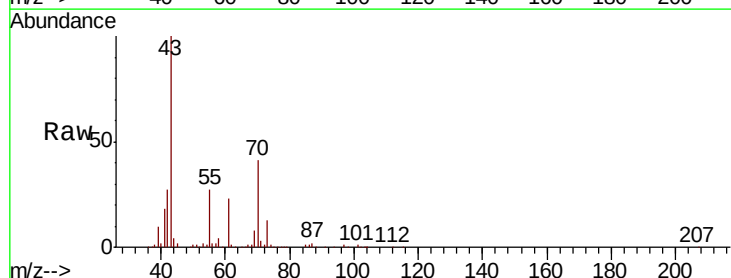
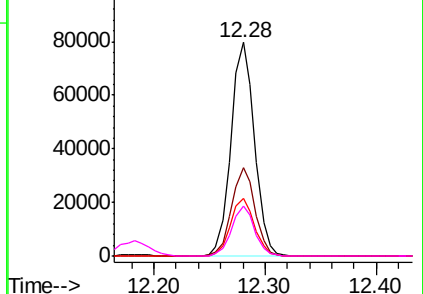
61 22.7 17.8 26.6

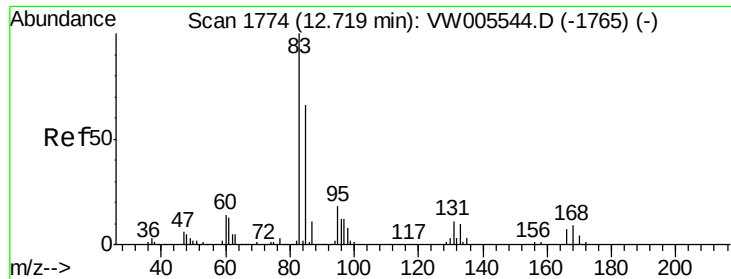
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 46.557 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

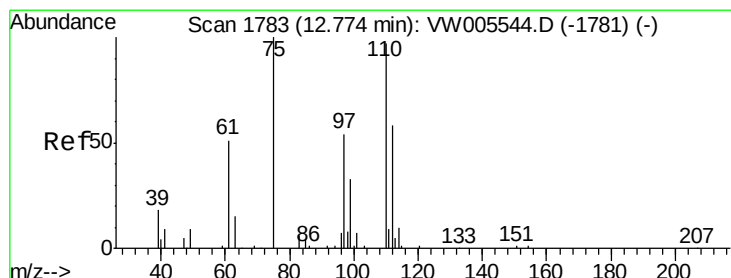
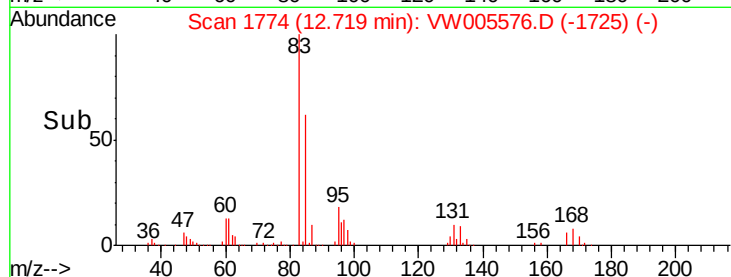
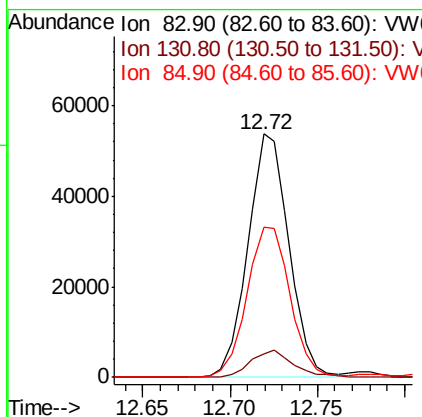
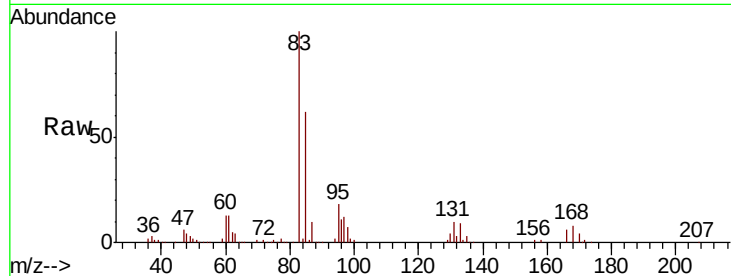
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	88243
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.5	16.7
85	64.7	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 47.500 ug/l m

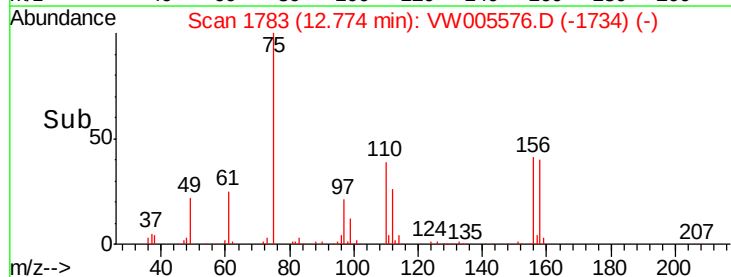
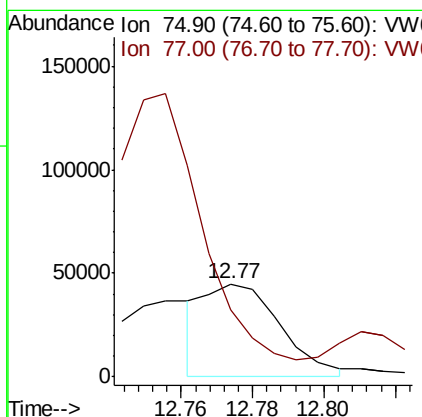
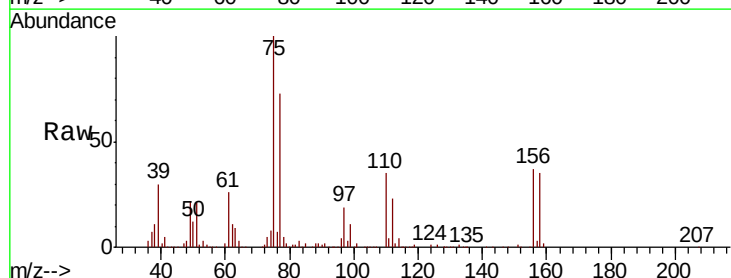
RT: 12.77 min Scan# 1783

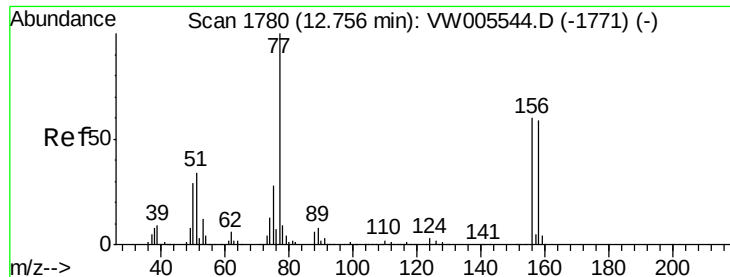
Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Tgt Ion:	75	Resp:	66627
Ion Ratio	Lower	Upper	
75	100		
77	380.0	0.0	0.0#





#77

Bromobenzene

Concen: 51.599 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 138002

Ion Ratio Lower Upper

156 100

77 183.5 94.7 284.1

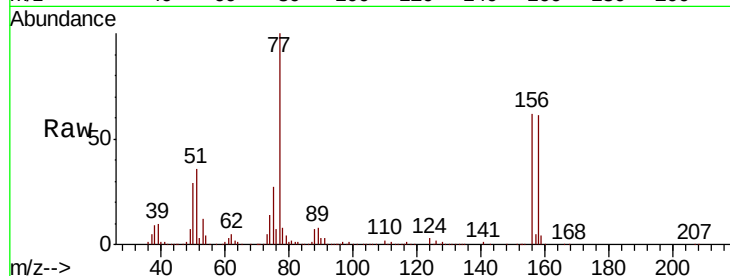
158 98.7 48.0 144.2

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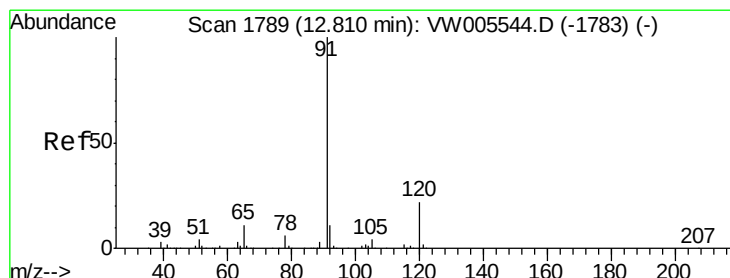
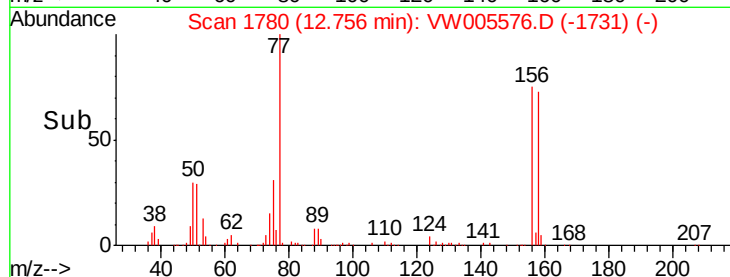
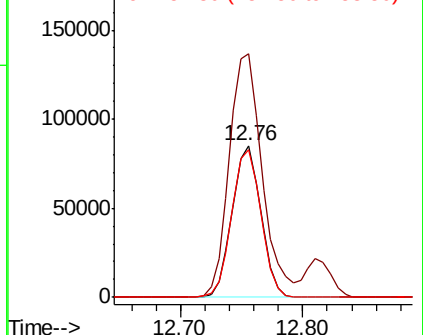
9/25/2018 11:54:26 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.370 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005576.D

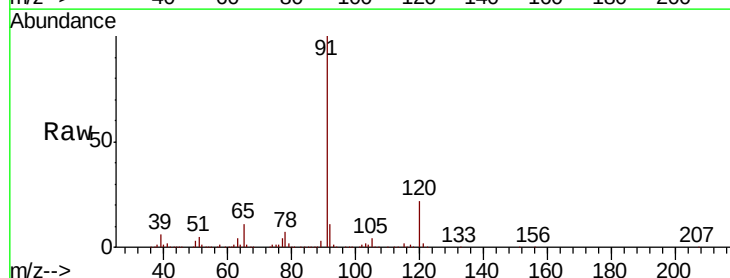
Acq: 24 Sep 2018 11:04

Tgt Ion: 91 Resp: 778765

Ion Ratio Lower Upper

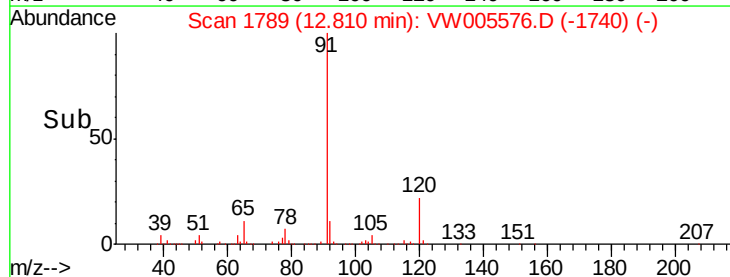
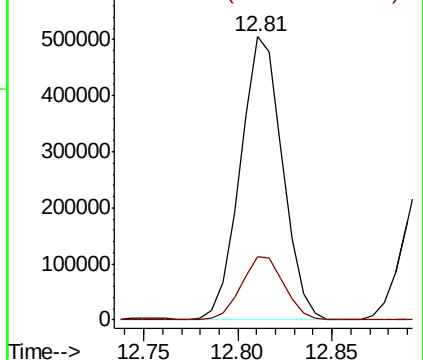
91 100

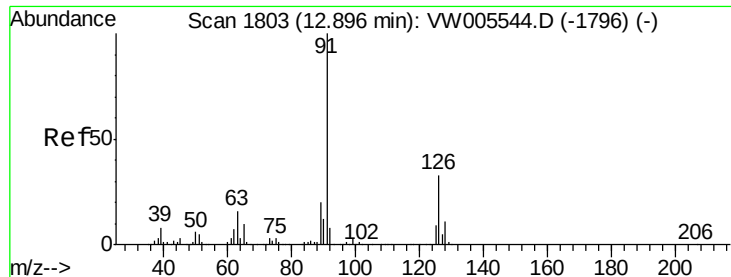
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.334 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 434280

Ion Ratio Lower Upper

91 100

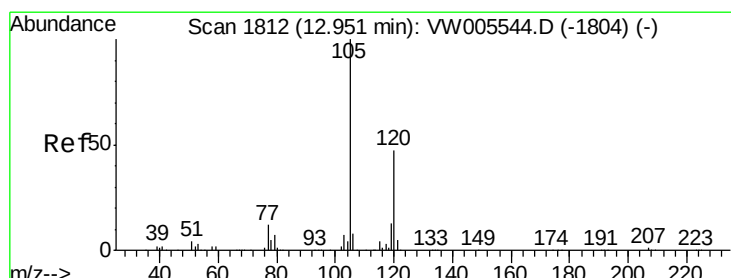
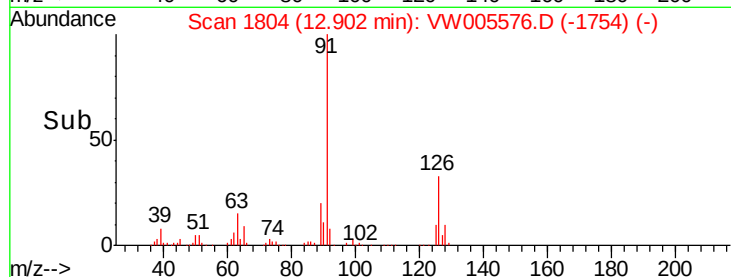
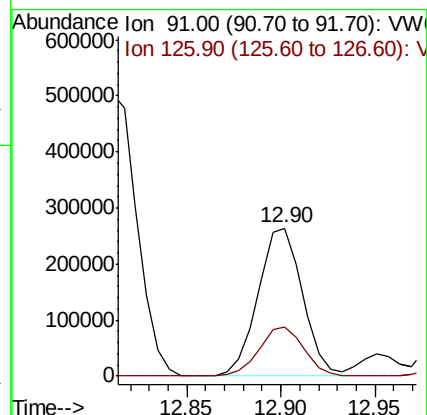
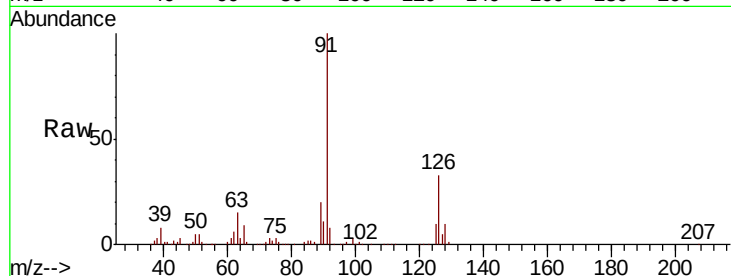
126 32.9 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 56.191 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005576.D

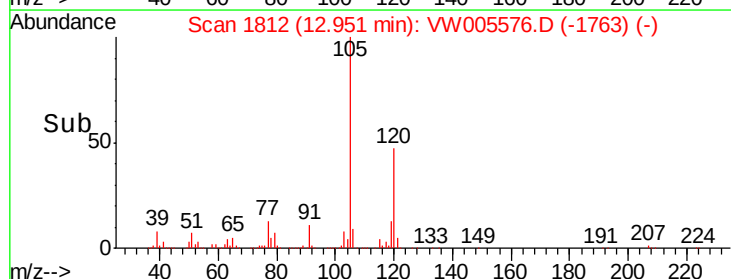
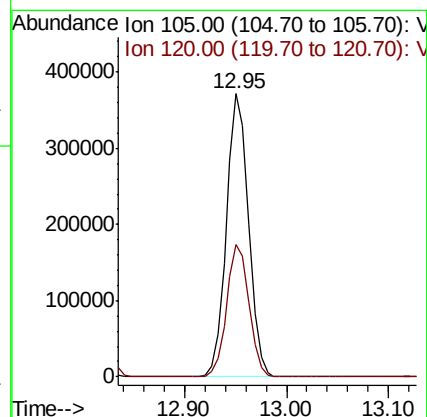
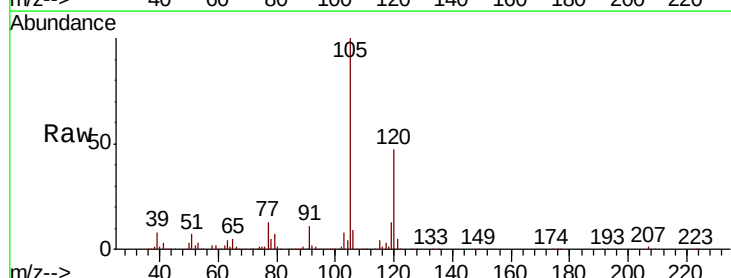
Acq: 24 Sep 2018 11:04

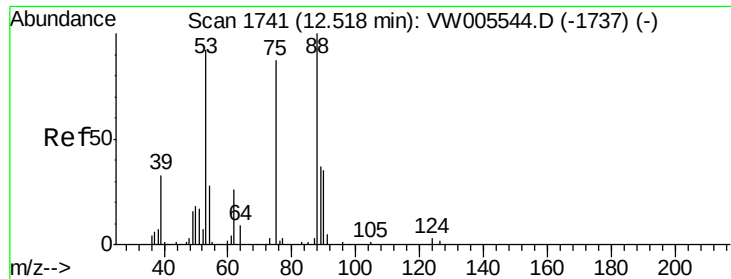
Tgt Ion:105 Resp: 557549

Ion Ratio Lower Upper

105 100

120 47.3 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.233 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

ClientSampleId :

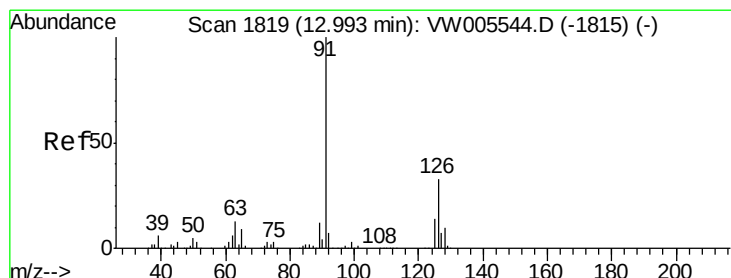
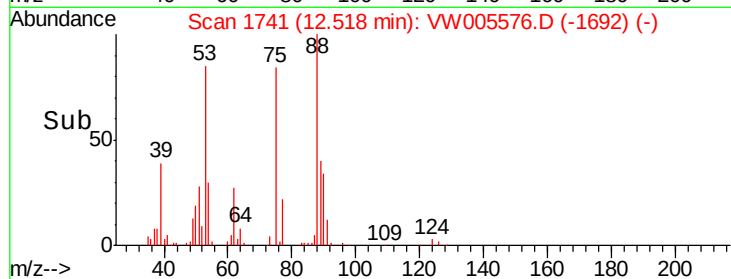
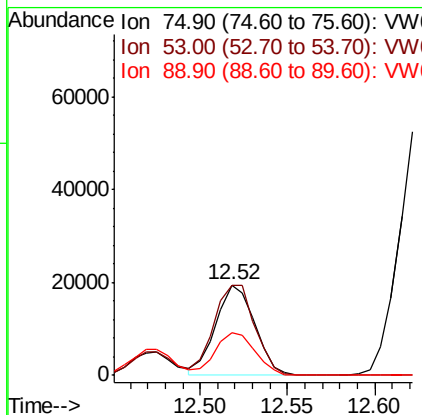
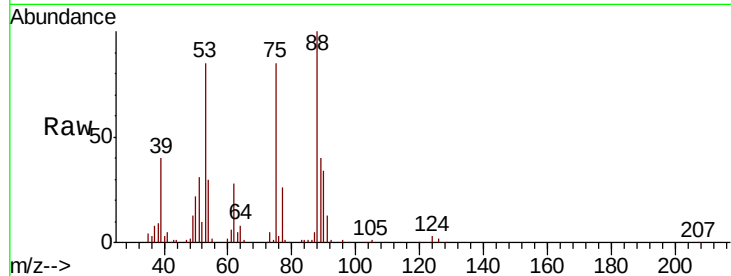
VSTDCCC050

Tot Ion:	75	Resp:	30038
Ion	Ratio	Lower	Upper
75	100		
53	105.3	85.8	128.6
89	48.7	37.3	55.9

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#82

4-Chlorotoluene

Concen: 54.633 ug/l

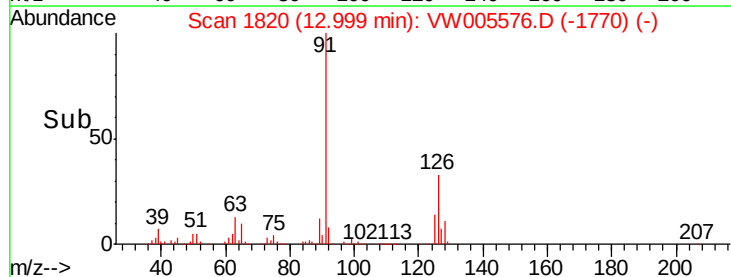
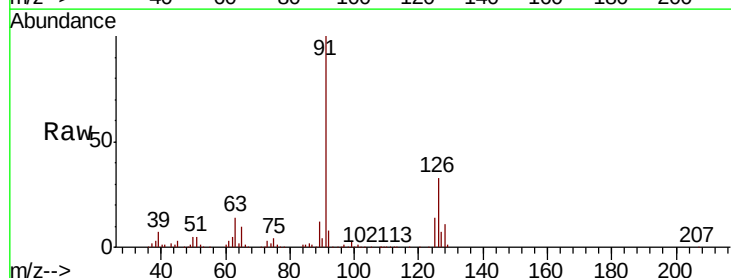
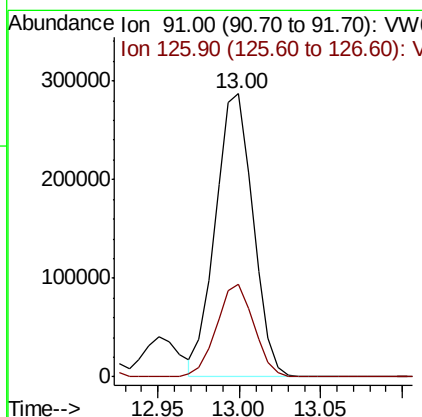
RT: 13.00 min Scan# 1820

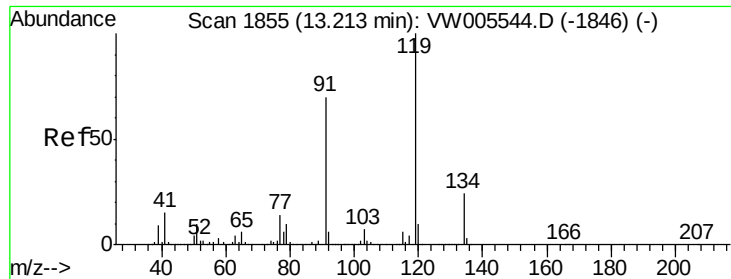
Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Tgt Ion:	91	Resp:	461375
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.4





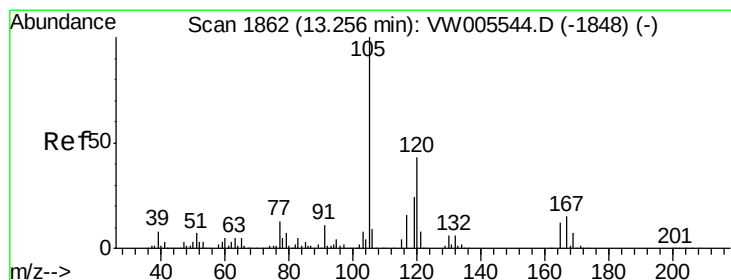
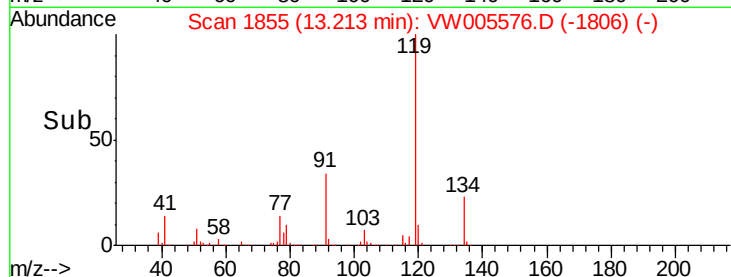
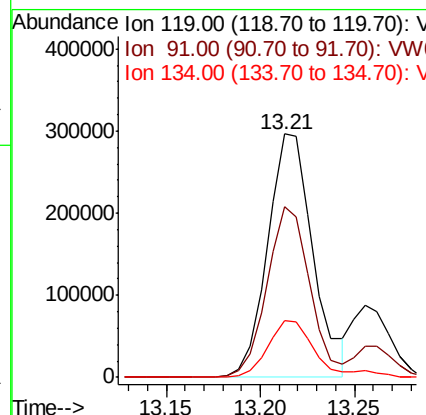
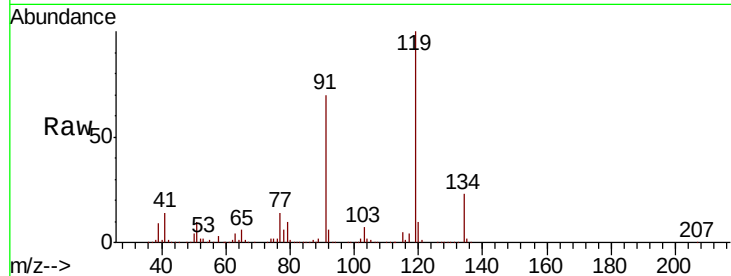
#83
 tert-Butylbenzene
 Concen: 59.309 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.3	34.6	103.8
134	24.8	12.6	37.6

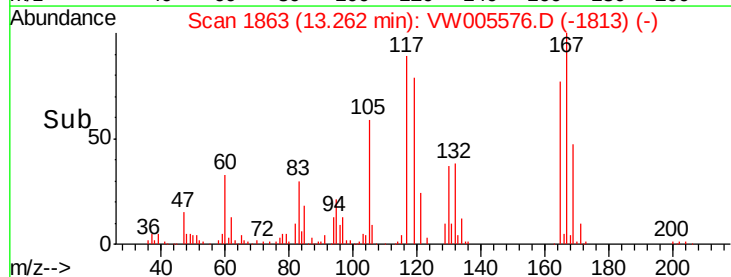
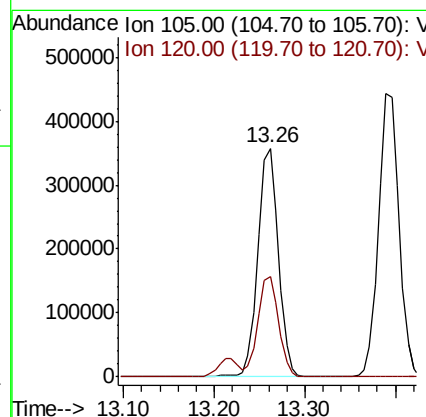
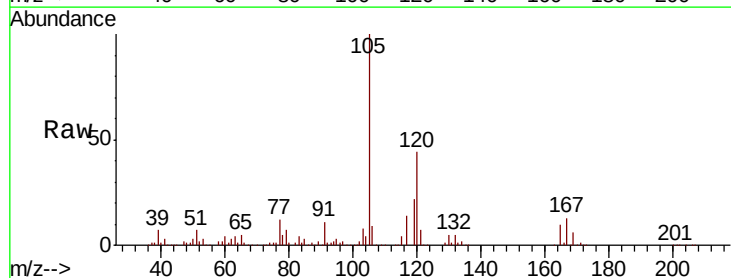
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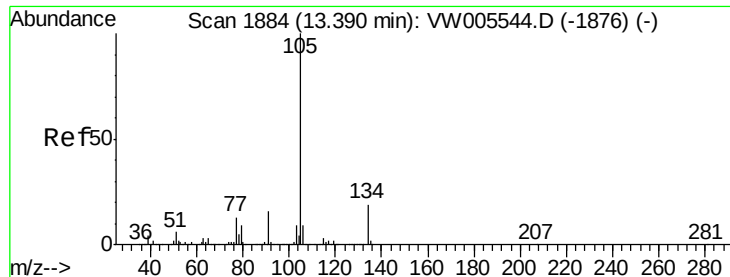
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.147 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.5	64.5





#85

sec-Butylbenzene

Concen: 57.252 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 692165

Ion Ratio Lower Upper

105 100

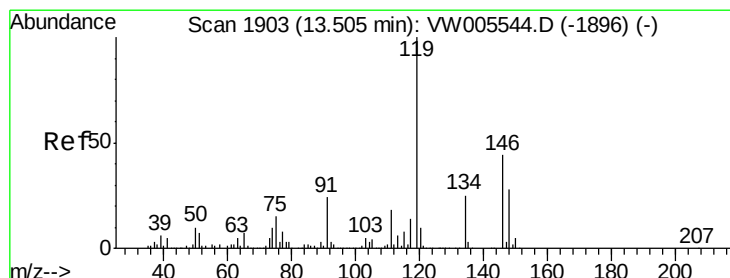
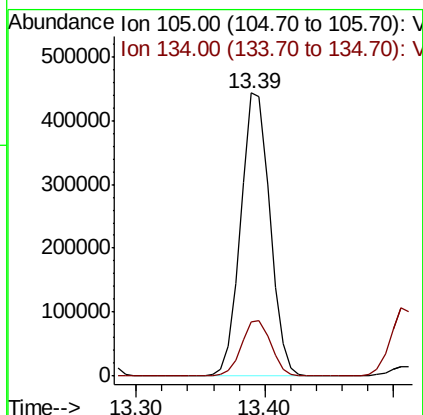
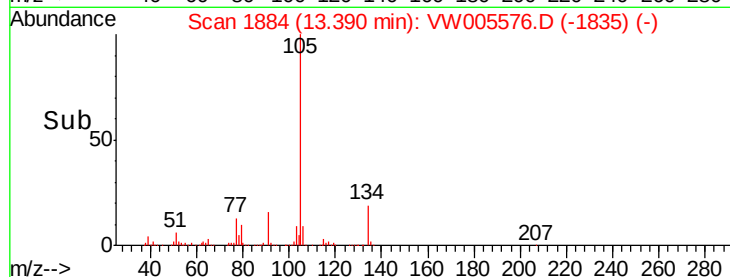
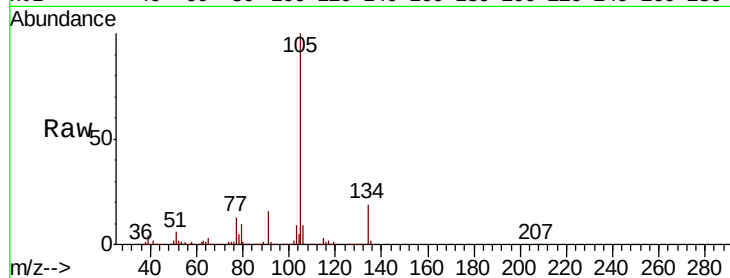
134 19.7 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 57.915 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

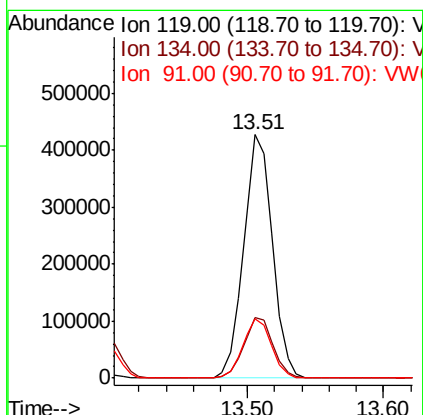
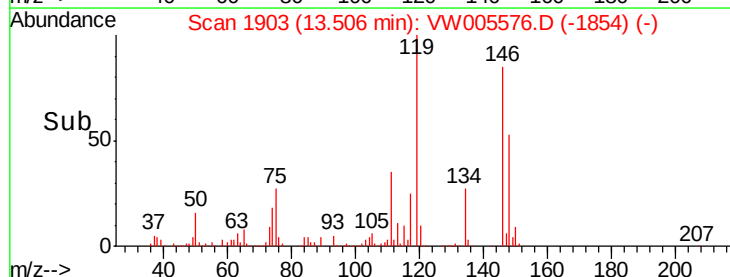
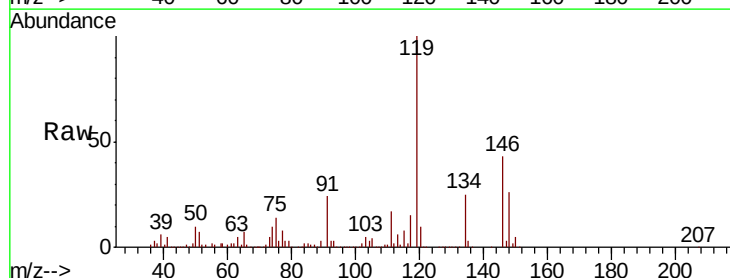
Tgt Ion:119 Resp: 627590

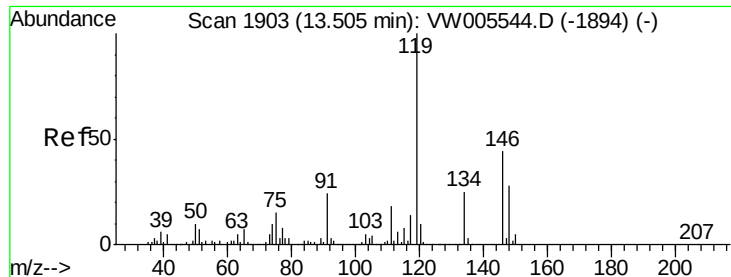
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.1

91 24.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 53.687 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

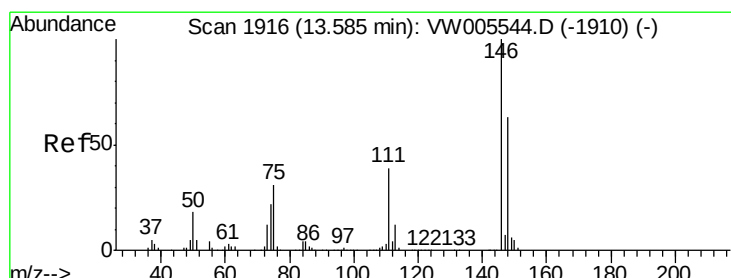
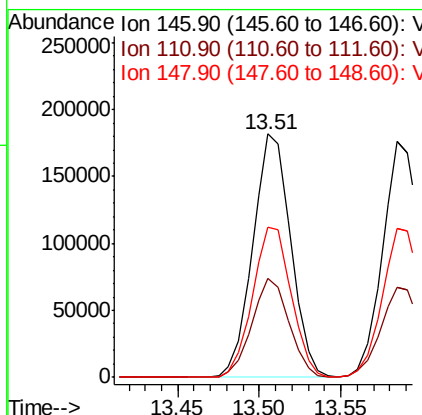
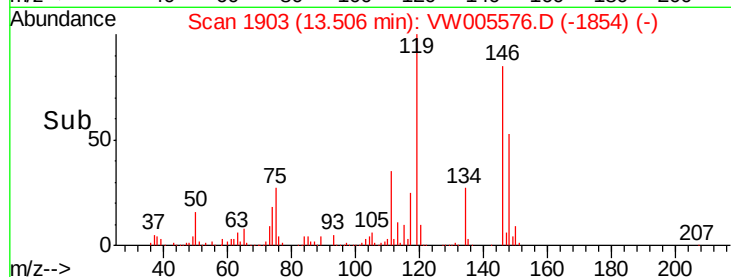
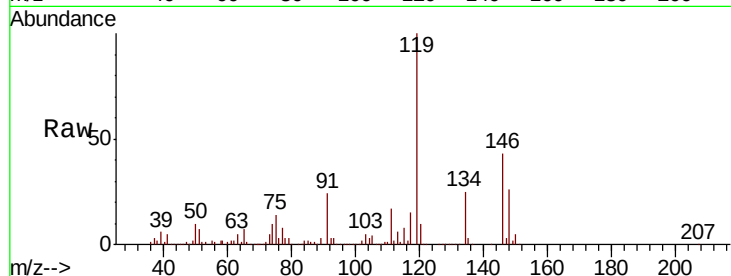
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	293601
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.3	60.9
148	63.0	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 52.556 ug/l

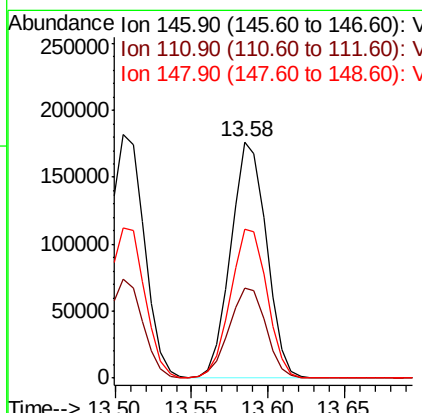
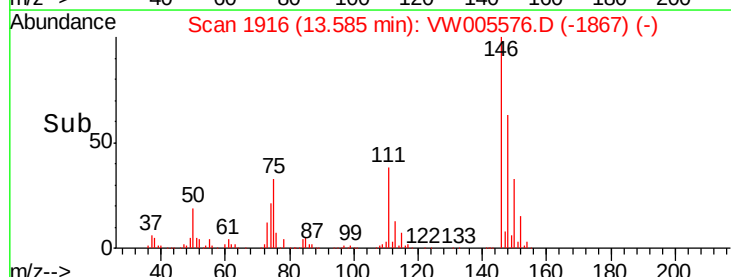
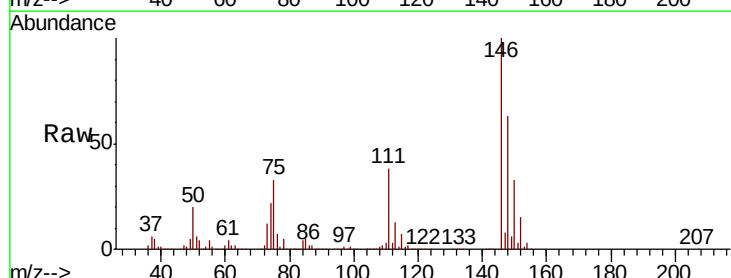
RT: 13.58 min Scan# 1916

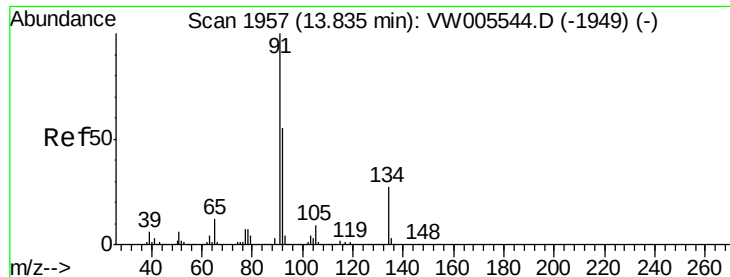
Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Tgt Ion:	146	Resp:	285851
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.9	59.7
148	64.5	32.1	96.3





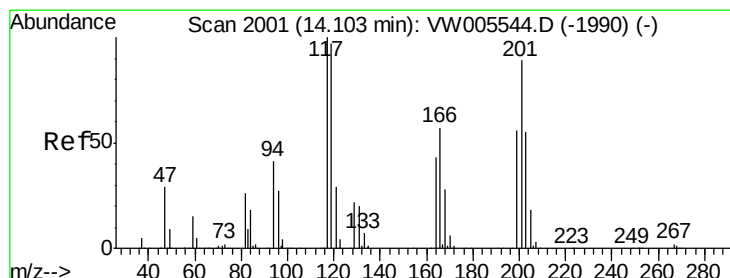
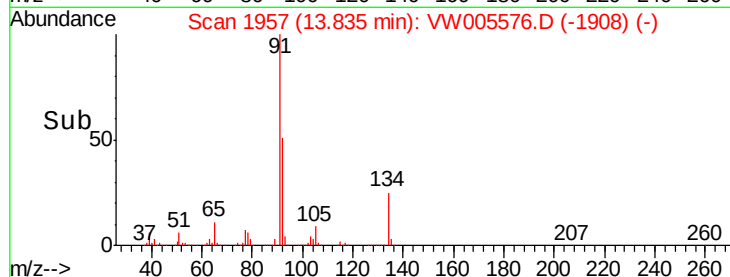
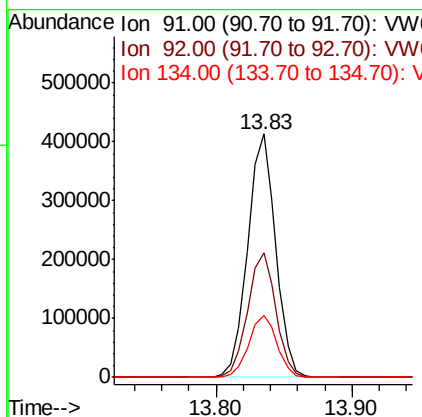
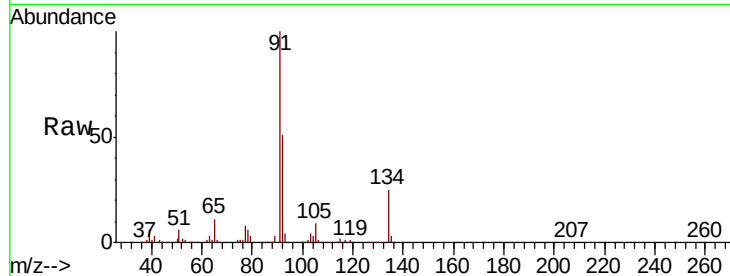
#89
n-Butylbenzene
Concen: 58.106 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.7	26.5	79.5	
134	25.5	12.9	38.7	

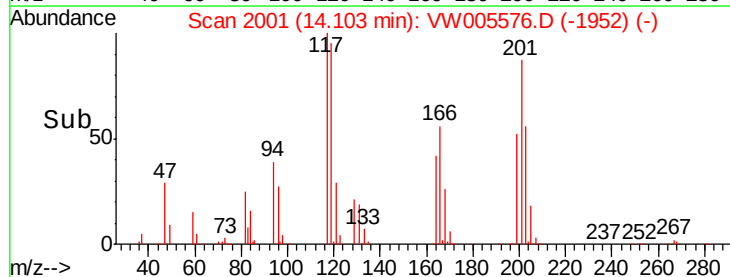
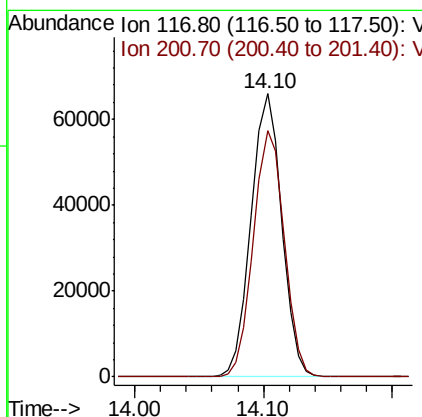
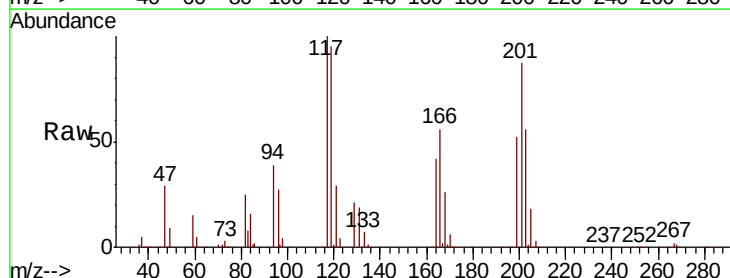
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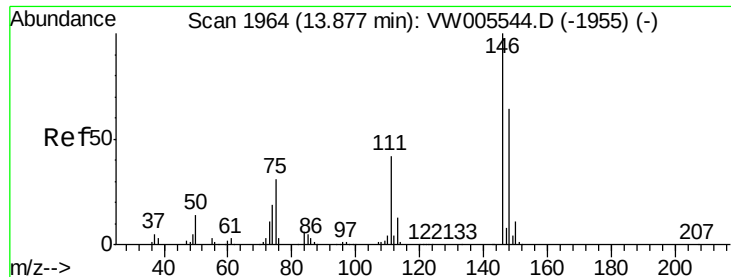
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#90
Hexachloroethane
Concen: 55.089 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.8	42.8	128.3	





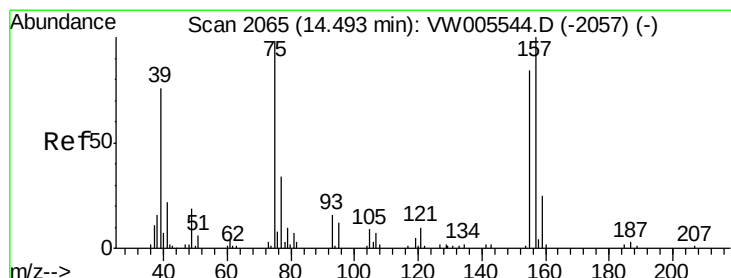
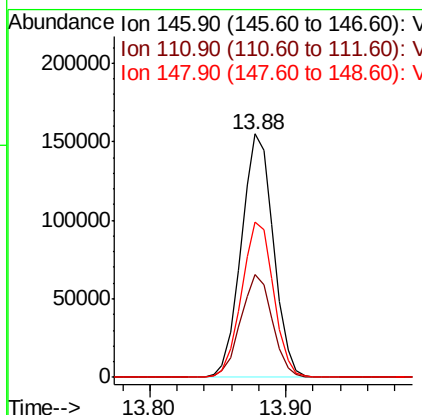
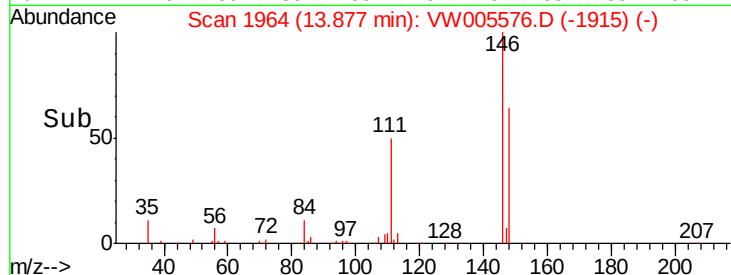
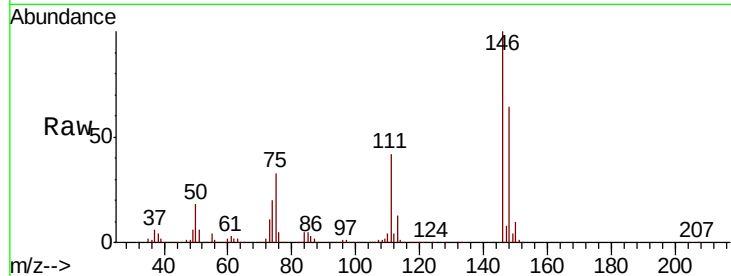
#91
 1,2-Dichlorobenzene
 Concen: 52.783 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.3	63.9
148	63.7	32.0	96.2

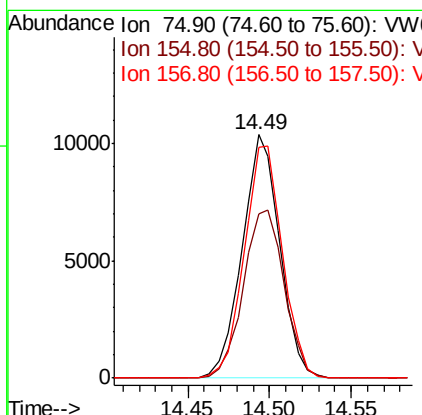
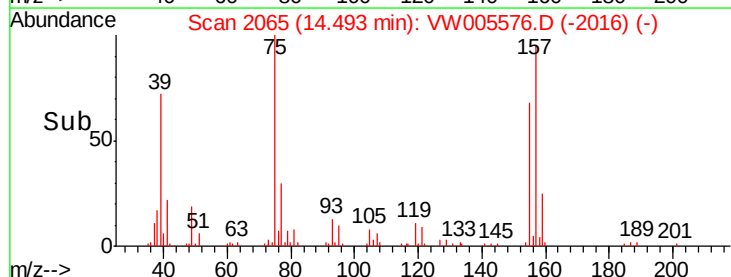
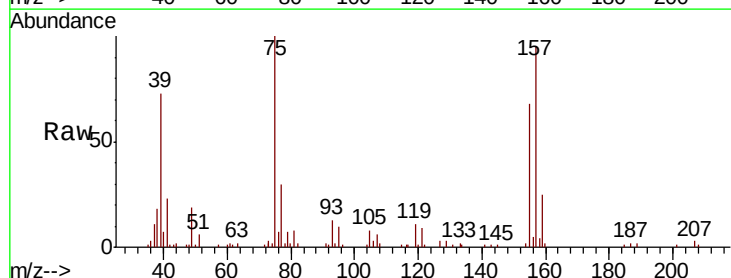
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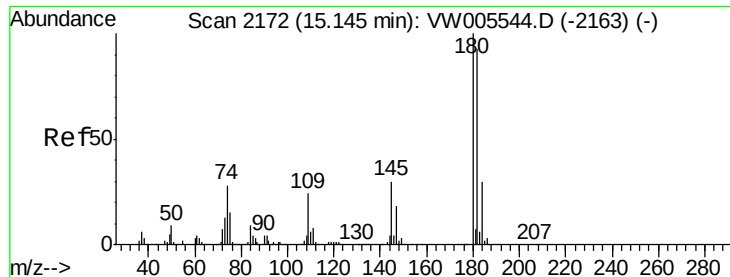
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.965 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005576.D
 Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.4	39.1	117.5
157	97.4	50.8	152.4





#93

1,2,4-Trichlorobenzene

Concen: 54.495 ug/l

RT: 15.15 min Scan# 2172

Delta R.T. 0.00 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Instrument :

MSVOA_W

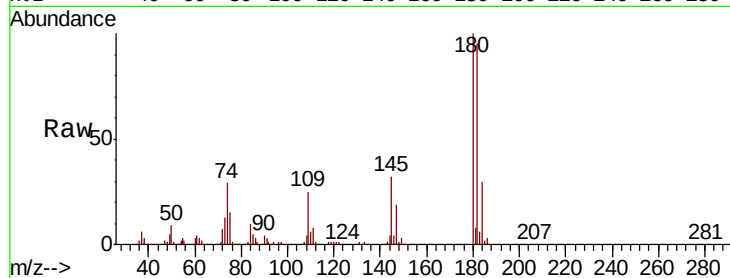
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	187673
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.7	143.1
145	30.5	15.0	45.1

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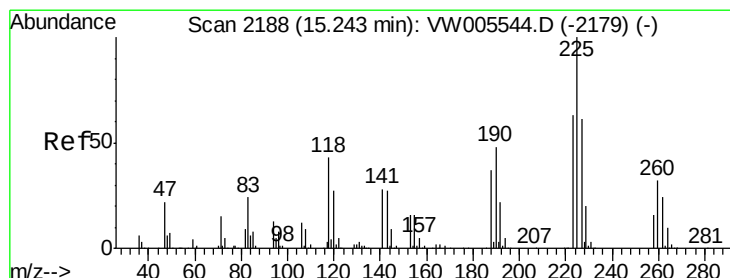
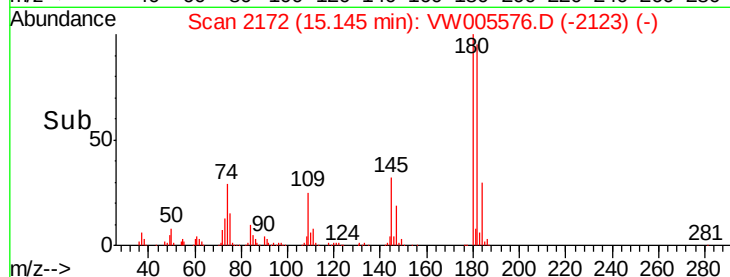
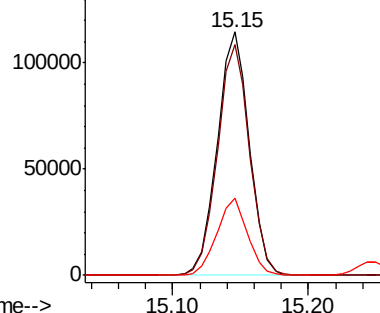


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 56.745 ug/l

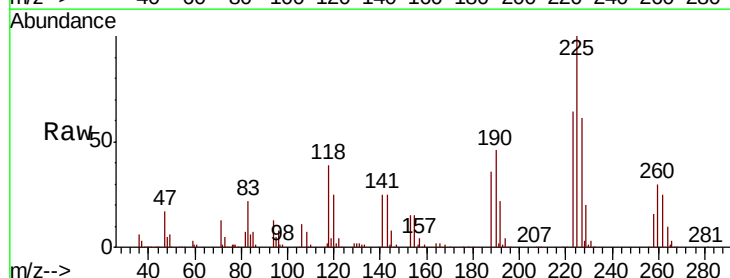
RT: 15.25 min Scan# 2189

Delta R.T. 0.01 min

Lab File: VW005576.D

Acq: 24 Sep 2018 11:04

Tgt Ion:	225	Resp:	126602
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.1	93.3
227	63.8	31.8	95.3

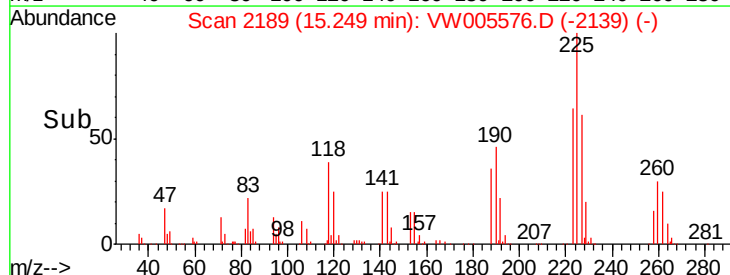
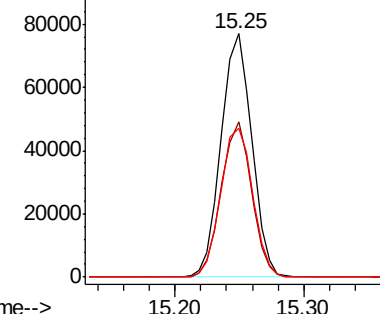


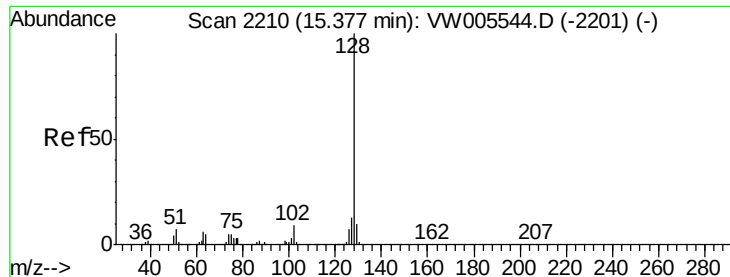
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





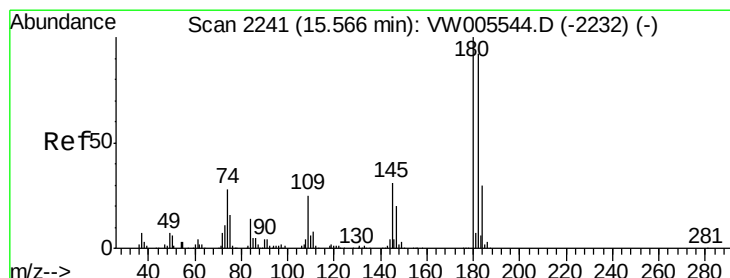
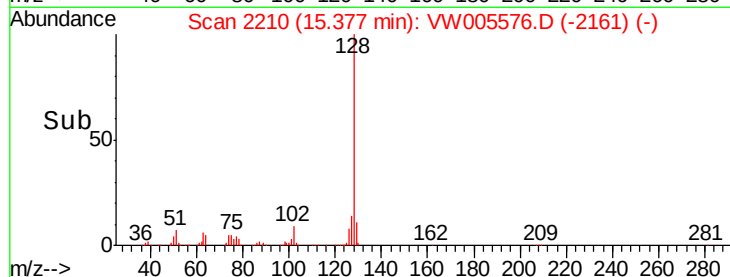
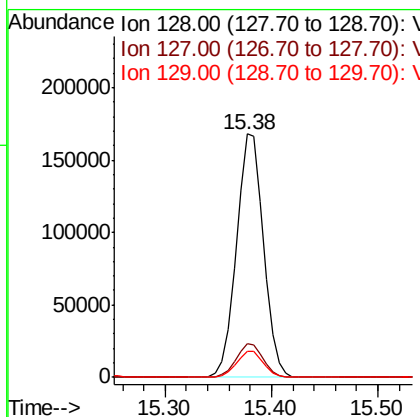
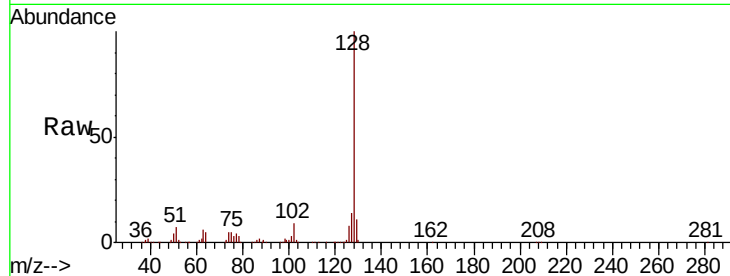
#95
Naphthalene
Concen: 51.760 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	299832		
127	13.8	10.9	16.3	
129	10.6	8.6	13.0	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 52.666 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005576.D
Acq: 24 Sep 2018 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	159840		
182	96.9	47.3	141.9	
145	32.9	16.0	47.9	

