

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092218\
 Data File : VW005550.D
 Acq On : 21 Sep 2018 10:28
 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
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 9/24/2018 9:33:26 AM

Quant Time: Sep 21 16:01:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	374433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	177898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135589	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
35) Dibromofluoromethane	7.89	113	116059	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	10.33	98	491467	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.62	95	174237	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	82386	54.585	ug/l	97
3) Chloromethane	2.22	50	101298	49.938	ug/l	99
4) Vinyl Chloride	2.37	62	119311	49.207	ug/l	98
5) Bromomethane	2.79	94	78143	47.689	ug/l	98
6) Chloroethane	2.93	64	73855	47.470	ug/l	100
7) Trichlorofluoromethane	3.26	101	107351	56.608	ug/l	96
8) Diethyl Ether	3.68	74	56112	45.296	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	118881	49.522	ug/l	100
10) Methyl Iodide	4.27	142	177871	48.181	ug/l	99
11) Tert butyl alcohol	5.23	59	34192	222.503	ug/l	96
12) 1,1-Dichloroethene	4.03	96	112218	48.829	ug/l	97
13) Acrolein	3.90	56	23002	221.884	ug/l	97
14) Allyl chloride	4.67	41	198432	49.475	ug/l	99
15) Acrylonitrile	5.38	53	118969	216.304	ug/l	99
16) Acetone	4.14	43	133945	288.048	ug/l	96
17) Carbon Disulfide	4.37	76	351999	49.021	ug/l	97
18) Methyl Acetate	4.68	43	58803	41.735	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	168829	47.594	ug/l	100
20) Methylene Chloride	4.91	84	121589	48.707	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	121948	48.446	ug/l	98
22) Diisopropyl ether	6.31	45	384282	49.356	ug/l	98
23) Vinyl Acetate	6.26	43	1070408	240.530	ug/l	100
24) 1,1-Dichloroethane	6.22	63	232670	48.368	ug/l	99
25) 2-Butanone	7.18	43	162811	225.497	ug/l	99
26) 2,2-Dichloropropane	7.17	77	167222	49.793	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	134641	48.495	ug/l	99
28) Bromochloromethane	7.52	49	86947	45.630	ug/l	99
29) Tetrahydrofuran	7.54	42	98107	217.501	ug/l	99
30) Chloroform	7.68	83	239676	48.260	ug/l	99
31) Cyclohexane	7.96	56	222737	48.329	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	216858	49.429	ug/l	99
36) 1,1-Dichloropropene	8.09	75	193024	51.210	ug/l	99
37) Ethyl Acetate	7.26	43	69343	43.717	ug/l	99
38) Carbon Tetrachloride	8.07	117	206101	51.027	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	238720	53.680	ug/l	100
40) Benzene	8.33	78	523437	49.012	ug/l	98
41) Methacrylonitrile	7.49	41	45642	50.565	ug/l	96
42) 1,2-Dichloroethane	8.40	62	159291	46.586	ug/l	99
43) Isopropyl Acetate	8.43	43	139814	44.832	ug/l	99
44) Trichloroethene	9.10	130	136233	49.836	ug/l	95
45) 1,2-Dichloropropane	9.37	63	127765	48.628	ug/l	98
46) Dibromomethane	9.46	93	60382	45.995	ug/l	98
47) Bromodichloromethane	9.65	83	169817	48.154	ug/l	100
48) Methyl methacrylate	9.44	41	69933	47.212	ug/l	97
49) 1,4-Dioxane	9.48	88	19726	945.110	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	355789	226.512	ug/l	99
52) Toluene	10.39	92	336779	50.540	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	176703	49.983	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	200286	50.564	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	87515	46.963	ug/l	99
56) Ethyl methacrylate	10.65	69	110464	48.020	ug/l	99
57) 1,3-Dichloropropane	10.94	76	155438	47.064	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	257991	247.409	ug/l	99
59) 2-Hexanone	10.98	43	258828	242.566	ug/l	99
60) Dibromochloromethane	11.13	129	107978	47.957	ug/l	98
61) 1,2-Dibromoethane	11.24	107	81733	47.042	ug/l	99
64) Tetrachloroethene	10.87	164	117824	48.605	ug/l	99
65) Chlorobenzene	11.66	112	358261	49.411	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	128157	49.110	ug/l	99
67) Ethyl Benzene	11.74	91	667538	51.868	ug/l	100
68) m/p-Xylenes	11.85	106	509072	104.697	ug/l	99
69) o-Xylene	12.17	106	236643	51.966	ug/l	99
70) Styrene	12.19	104	393169	51.304	ug/l	99
71) Bromoform	12.35	173	64799	46.780	ug/l #	100
73) Isopropylbenzene	12.47	105	688058	55.773	ug/l	100
74) N-amyl acetate	12.28	43	135851	48.631	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	98344	47.992	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	76854m	50.680	ug/l	
77) Bromobenzene	12.76	156	148866	51.484	ug/l	98
78) n-propylbenzene	12.81	91	829463	55.535	ug/l	100
79) 2-Chlorotoluene	12.90	91	464027	53.699	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	589171	54.922	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33126	49.200	ug/l	98
82) 4-Chlorotoluene	13.00	91	492026	53.890	ug/l	99
83) tert-Butylbenzene	13.21	119	504907	56.024	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	596530	55.105	ug/l	99
85) sec-Butylbenzene	13.39	105	734201	56.171	ug/l	100
86) p-Isopropyltoluene	13.51	119	660081	56.342	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	303090	51.263	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	299861	50.994	ug/l	100
89) n-Butylbenzene	13.83	91	624153	56.482	ug/l	99
90) Hexachloroethane	14.10	117	111078	52.311	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	265886	50.943	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17761	45.492	ug/l	99

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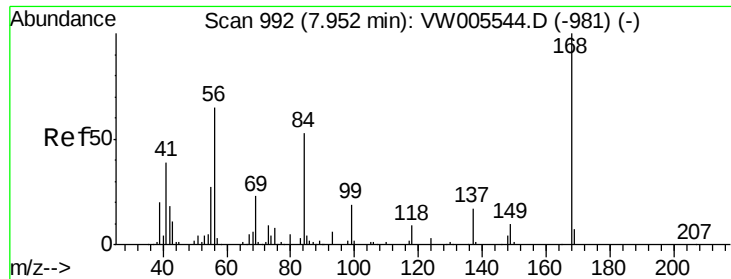
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	193611	52.001	ug/l	99
94) Hexachlorobutadiene	15.25	225	126327	52.372	ug/l	98
95) Naphthalene	15.38	128	316814	50.587	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	167096	50.925	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 252340

Ion Ratio Lower Upper

168 100

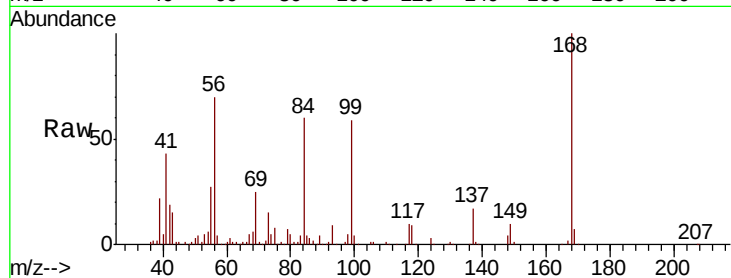
99 59.3 48.4 72.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

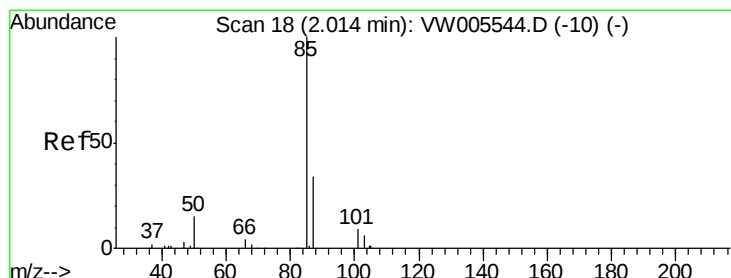
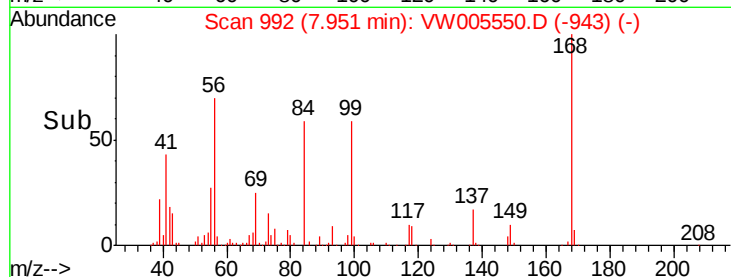
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 54.585 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005550.D

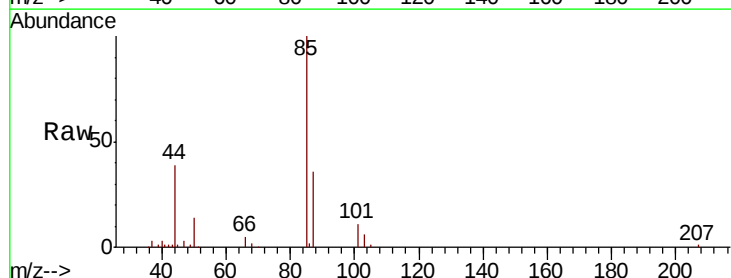
Acq: 21 Sep 2018 10:28

Tgt Ion: 85 Resp: 82386

Ion Ratio Lower Upper

85 100

87 35.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

15000

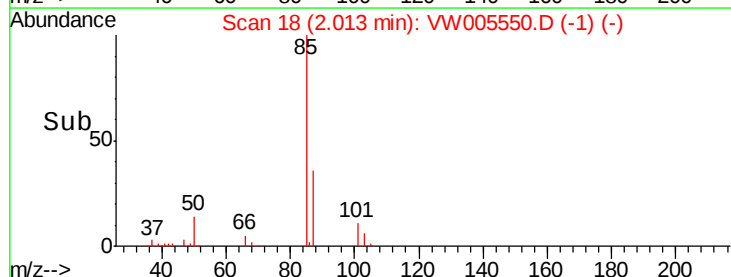
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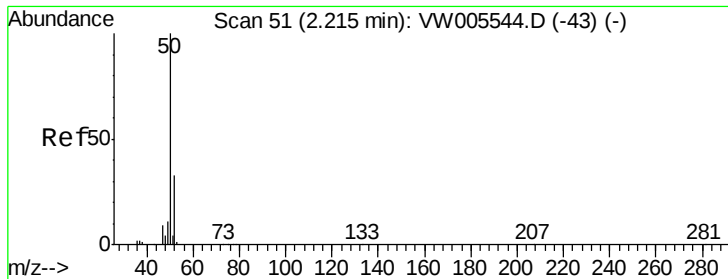
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 49.938 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 101298

Ion Ratio Lower Upper

50 100

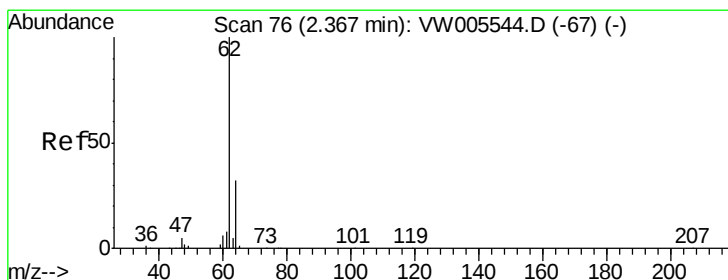
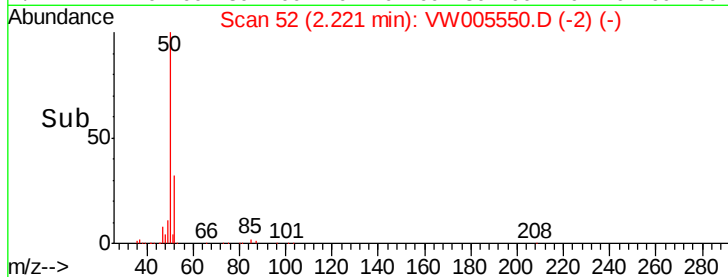
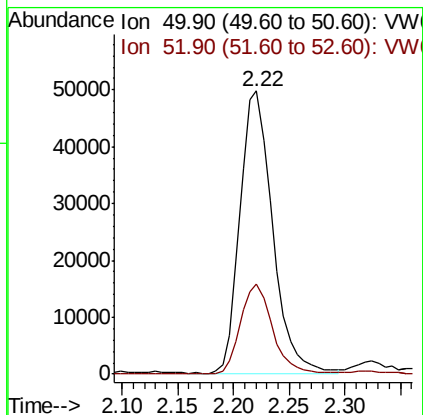
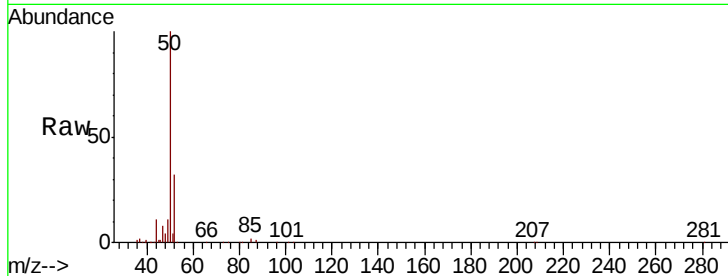
52 32.0 26.2 39.4

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#4

Vinyl Chloride

Concen: 49.207 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005550.D

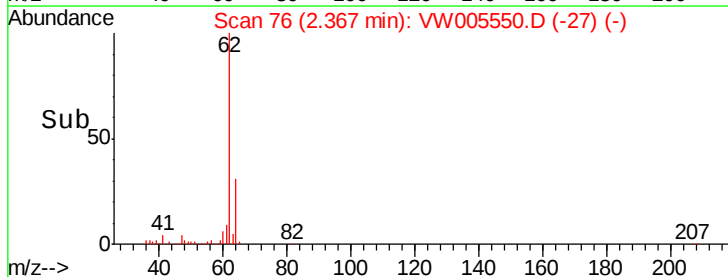
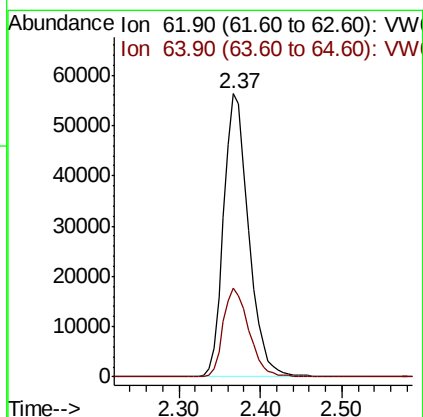
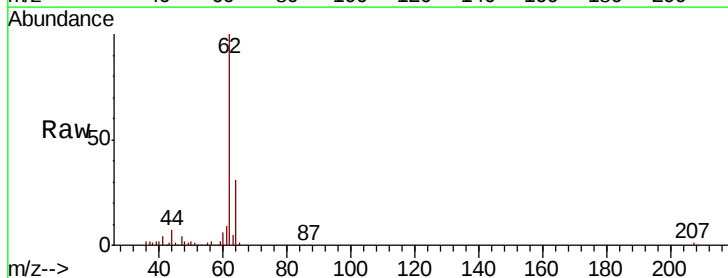
Acq: 21 Sep 2018 10:28

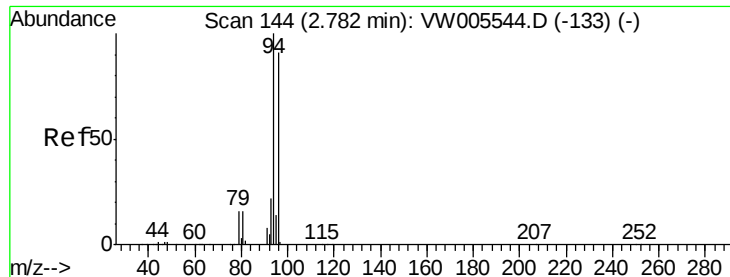
Tgt Ion: 62 Resp: 119311

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 47.689 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 78143

Ion Ratio Lower Upper

94 100

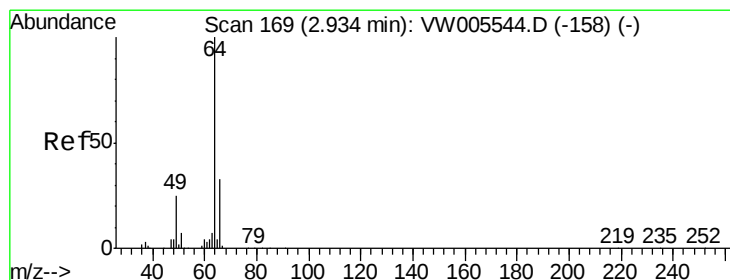
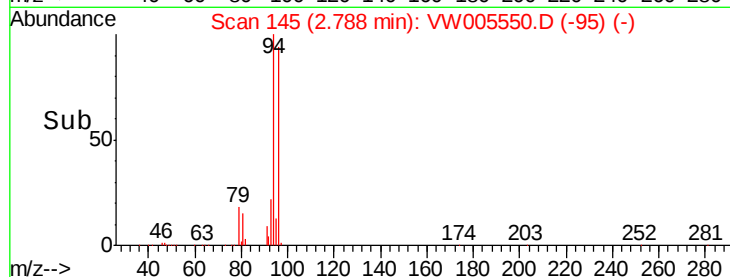
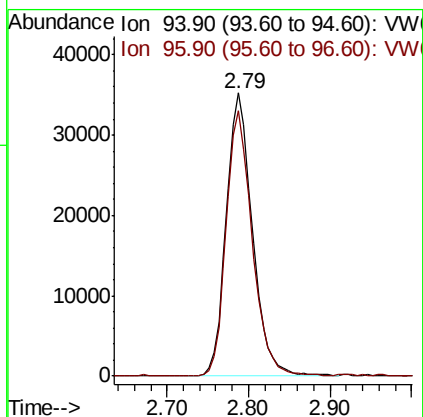
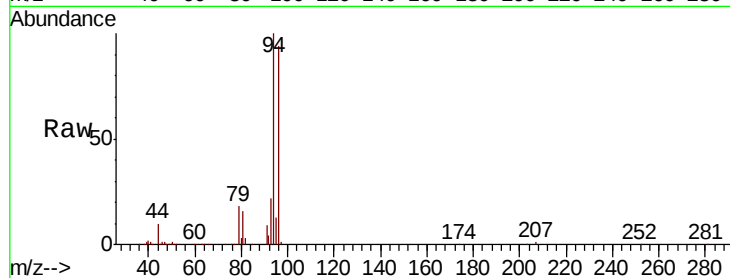
96 93.7 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 47.470 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005550.D

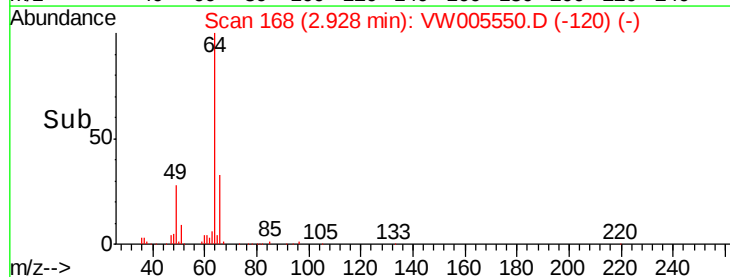
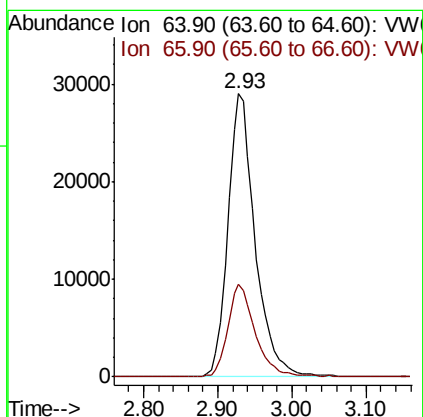
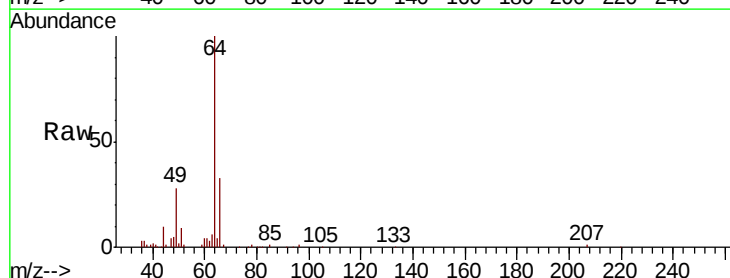
Acq: 21 Sep 2018 10:28

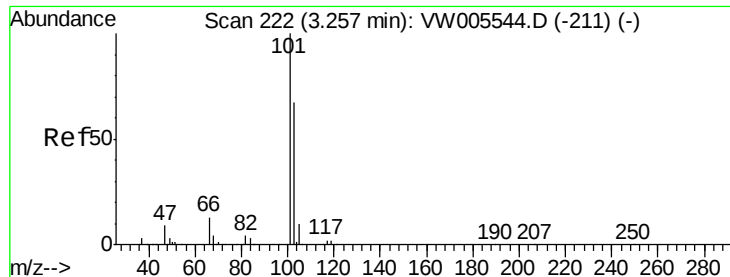
Tgt Ion: 64 Resp: 73855

Ion Ratio Lower Upper

64 100

66 32.6 26.0 39.0





#7

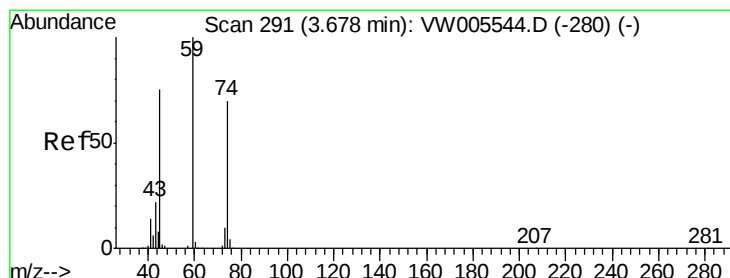
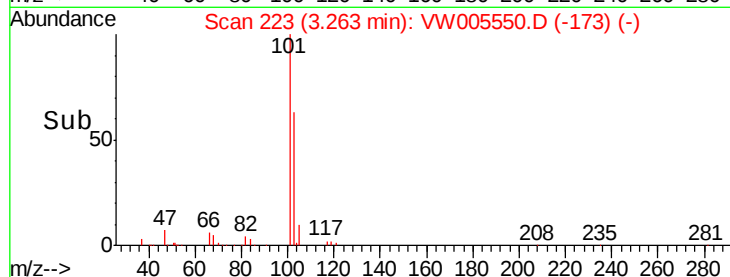
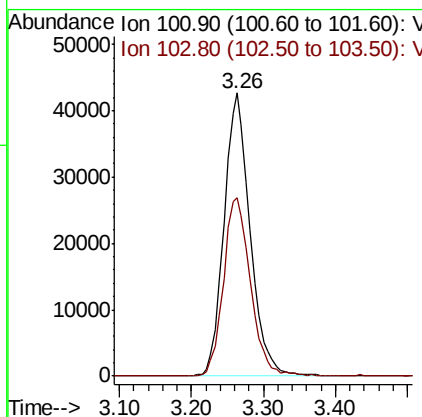
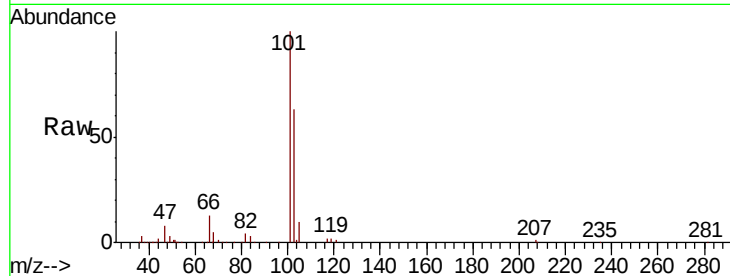
Trichlorofluoromethane
 Concen: 56.608 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		107351		
103	63.2	53.2	79.8		

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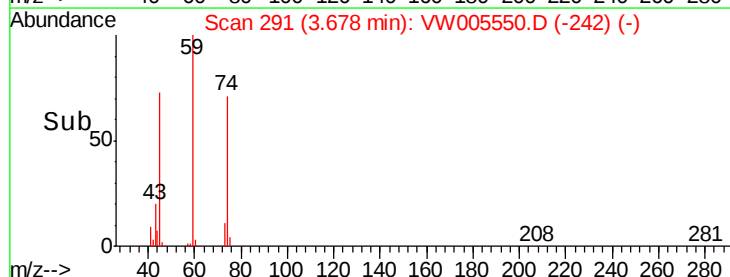
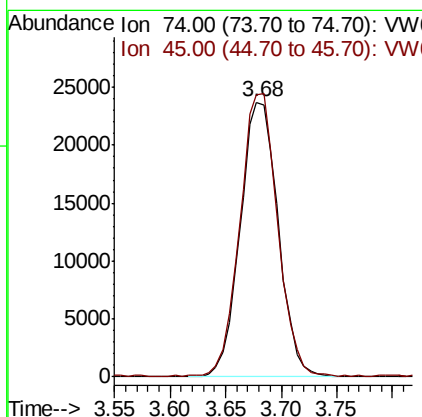
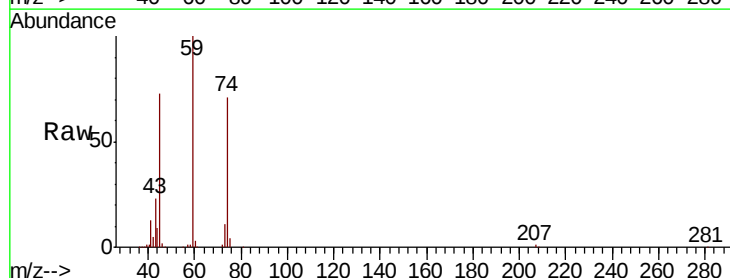
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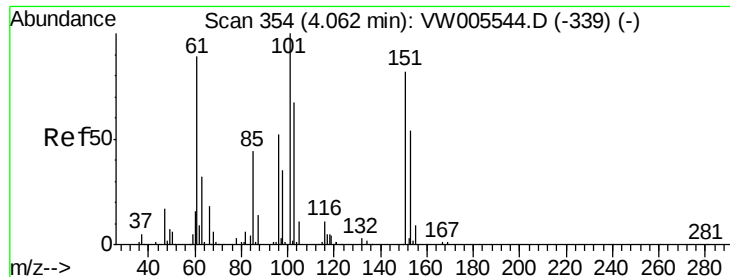


#8

Diethyl Ether
 Concen: 45.296 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		56112		
45	103.3	51.7	155.2		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.522 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

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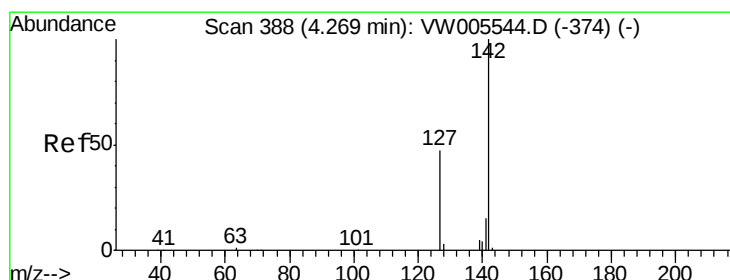
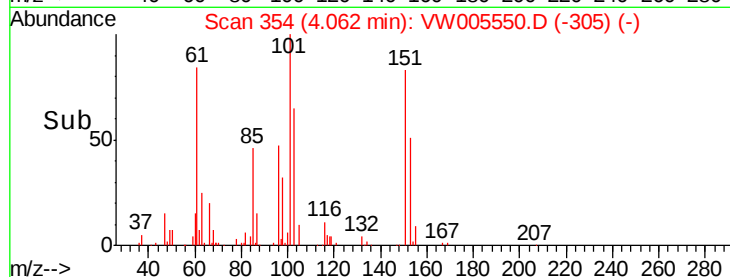
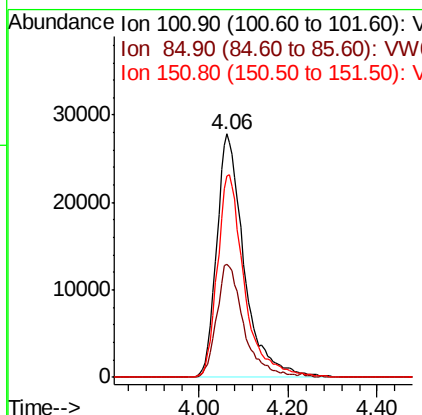
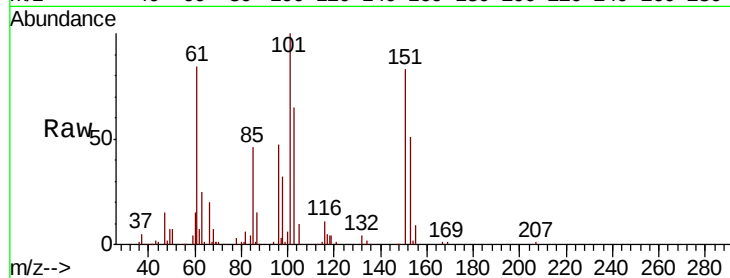
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	118881
Ion Ratio	Lower	Upper	
101	100		
85	45.9	36.4	54.6
151	82.0	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 48.181 ug/l

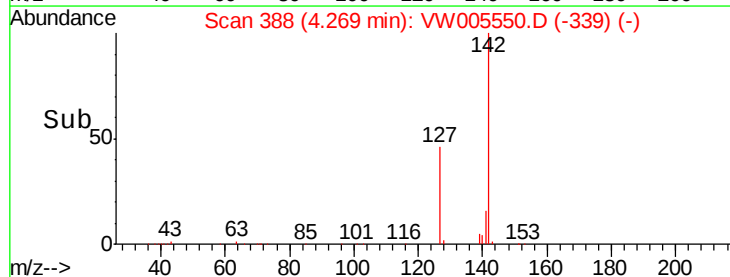
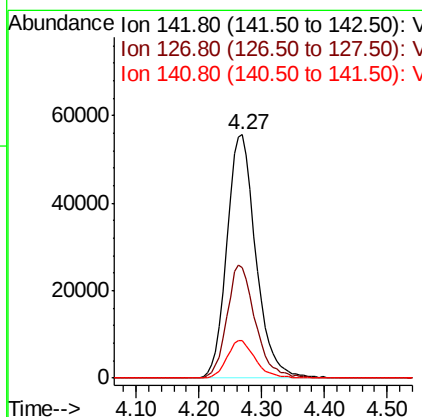
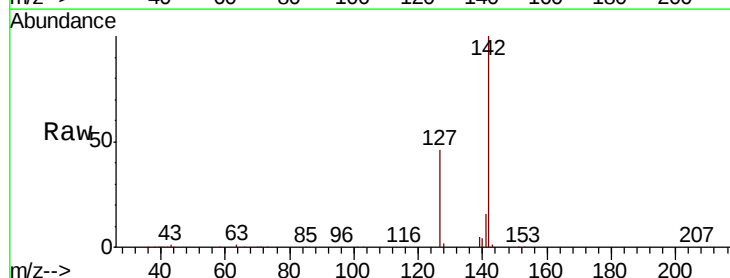
RT: 4.27 min Scan# 388

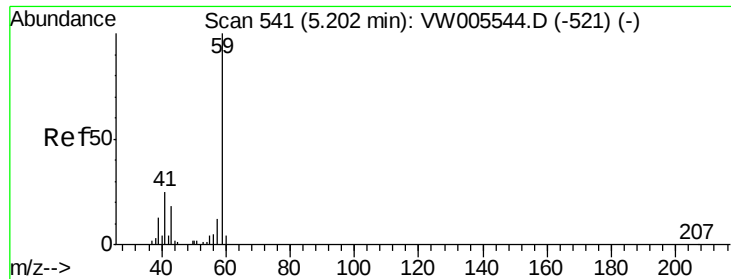
Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Tgt Ion:	142	Resp:	177871
Ion Ratio	Lower	Upper	
142	100		
127	45.9	37.4	56.0
141	15.1	11.9	17.9





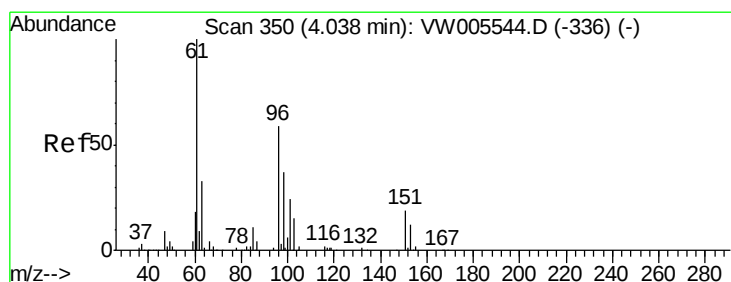
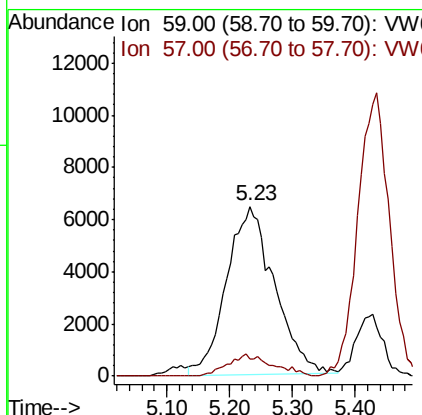
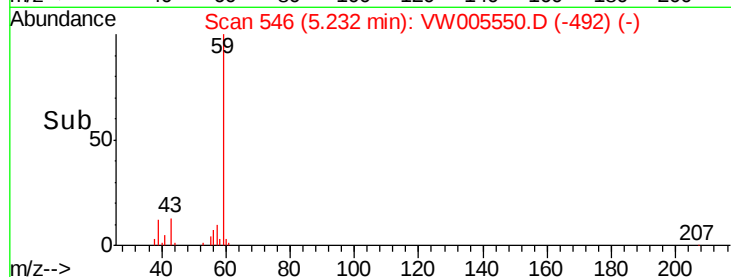
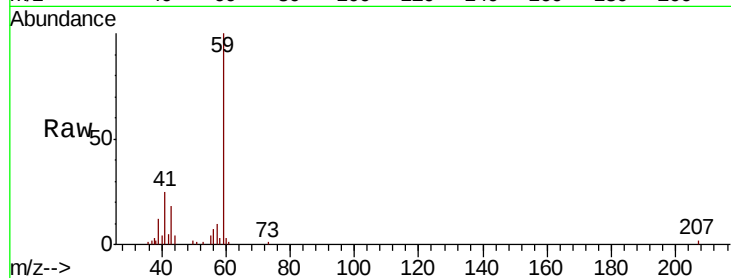
#11
Tert butyl alcohol
Concen: 222.503 ug/l
RT: 5.23 min Scan# 546
Delta R.T. 0.03 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.0	8.3	12.5

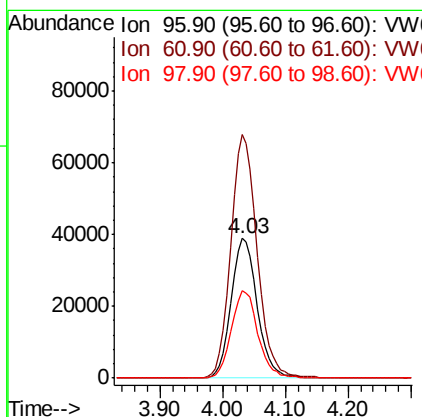
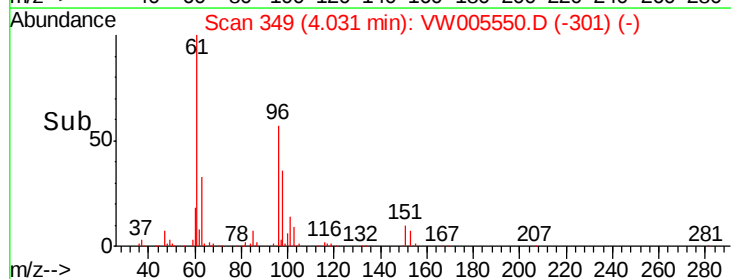
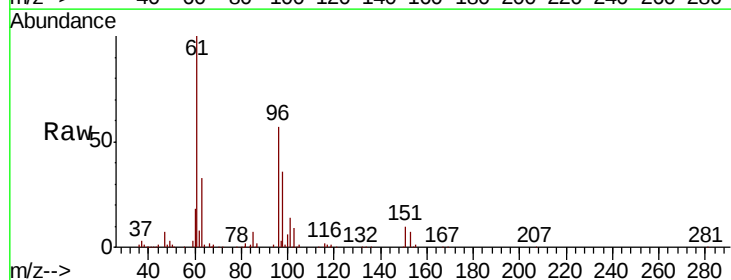
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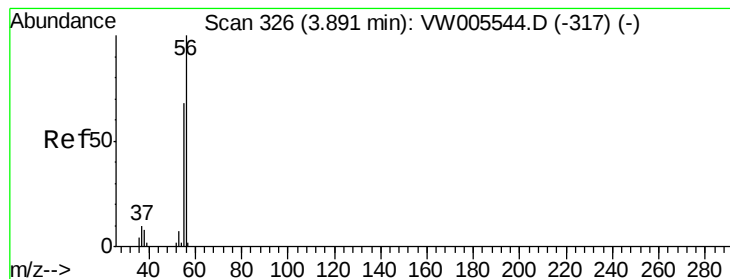
apatel
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#12
1,1-Dichloroethene
Concen: 48.829 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.2	135.0	202.6
98	62.2	50.6	76.0





#13

Acrolein

Concen: 221.884 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 23002

Ion Ratio Lower Upper

56 100

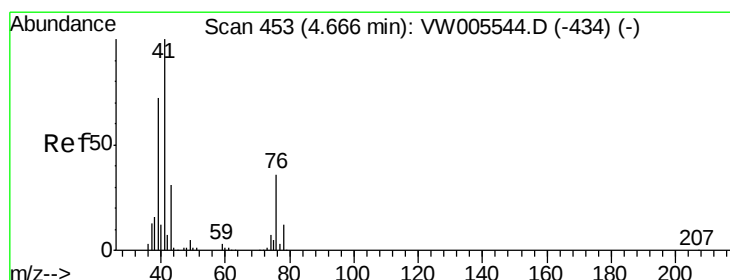
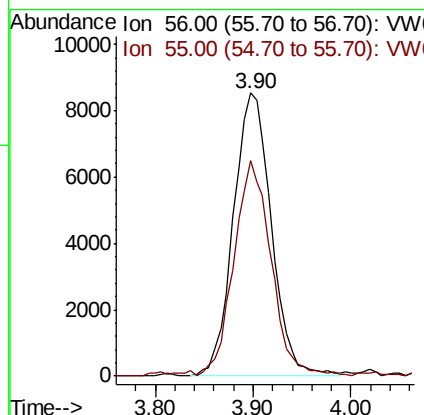
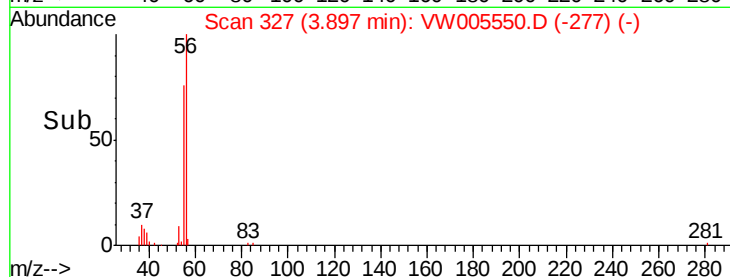
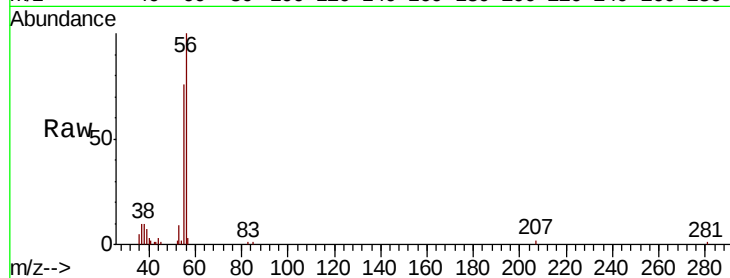
55 74.6 57.8 86.8

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#14

Allyl chloride

Concen: 49.475 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

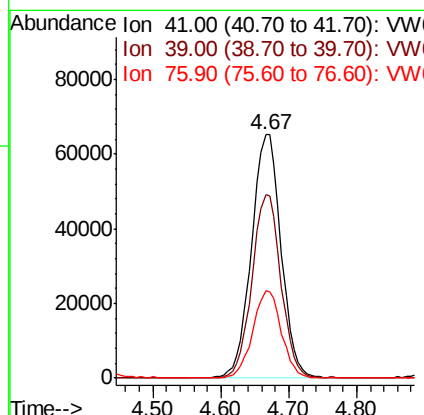
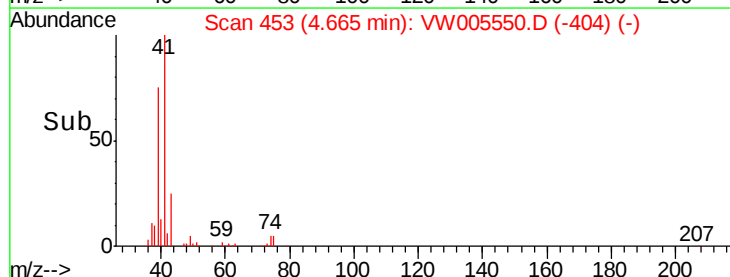
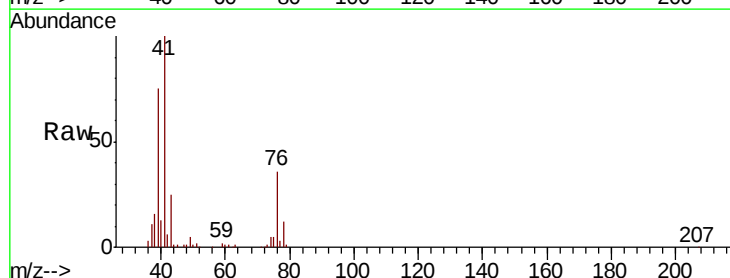
Tgt Ion: 41 Resp: 198432

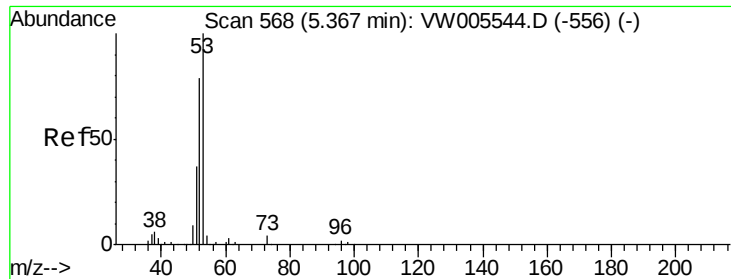
Ion Ratio Lower Upper

41 100

39 73.5 59.6 89.4

76 34.7 27.7 41.5





#15

Acrylonitrile

Concen: 216.304 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

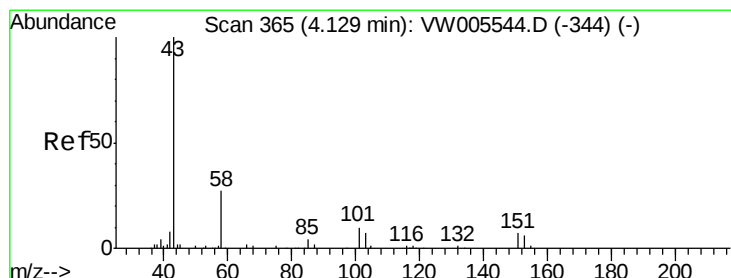
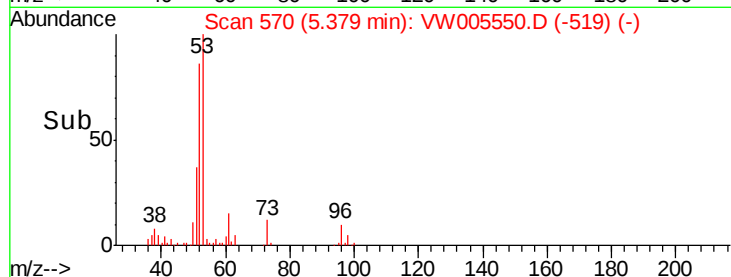
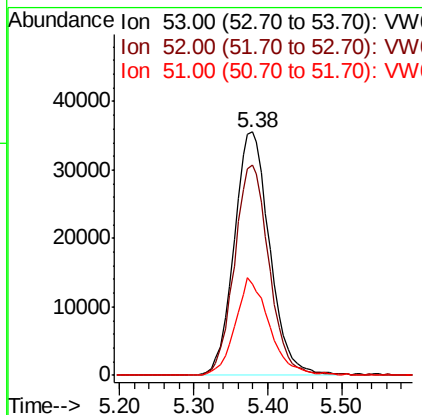
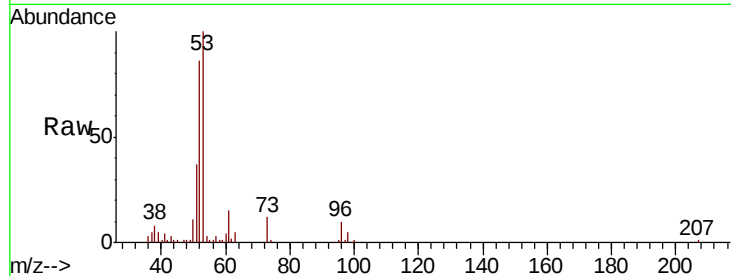
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	118969
Ion Ratio		Lower	Upper
53	100		
52	83.9	66.5	99.7
51	38.5	30.6	46.0

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#16

Acetone

Concen: 288.048 ug/l

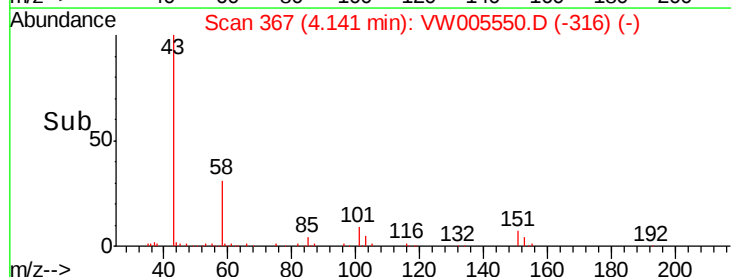
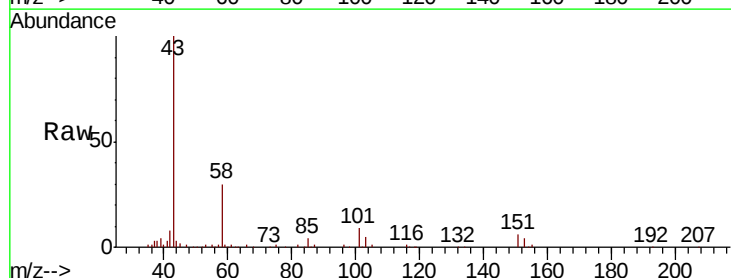
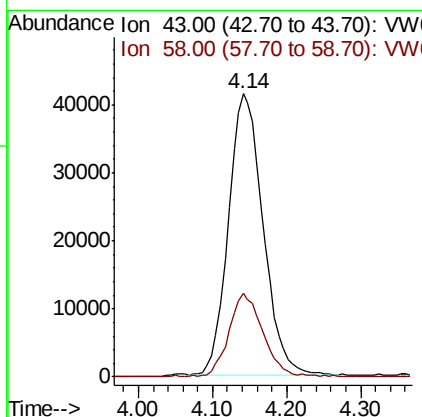
RT: 4.14 min Scan# 367

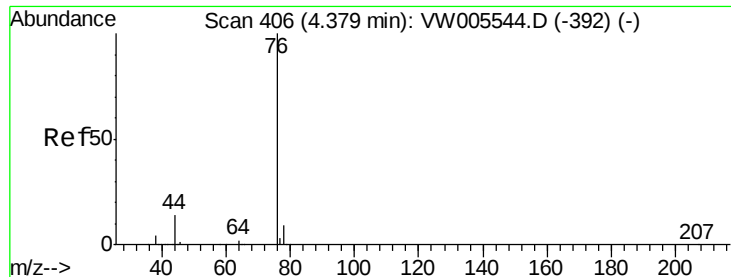
Delta R.T. 0.01 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Tgt Ion:	43	Resp:	133945
Ion Ratio		Lower	Upper
43	100		
58	29.6	21.8	32.8





#17

Carbon Disulfide

Concen: 49.021 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 351999

Ion Ratio Lower Upper

76 100

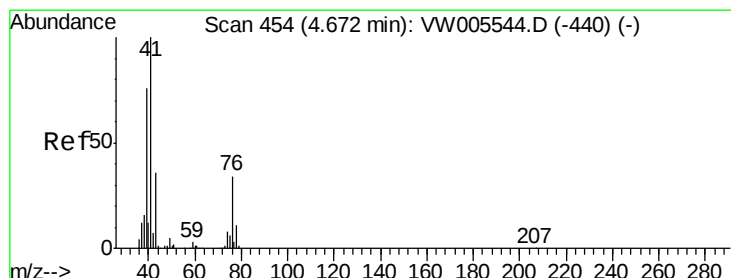
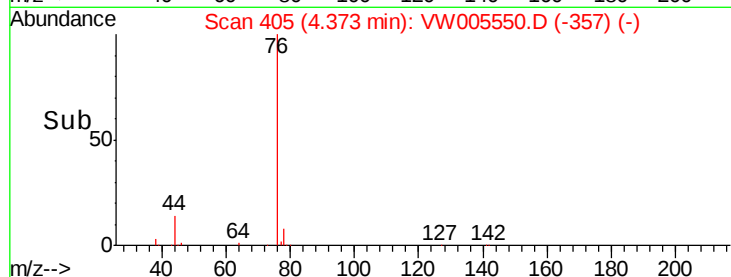
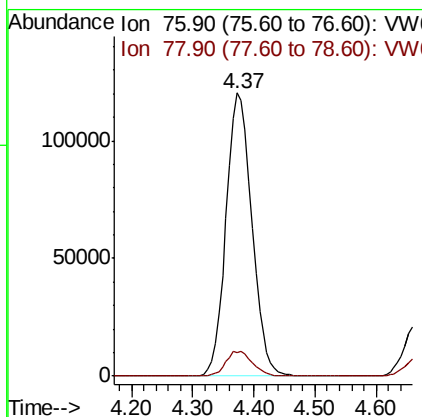
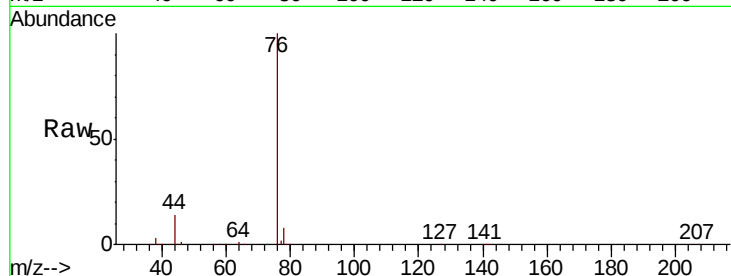
78 8.3 7.4 11.0

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#18

Methyl Acetate

Concen: 41.735 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005550.D

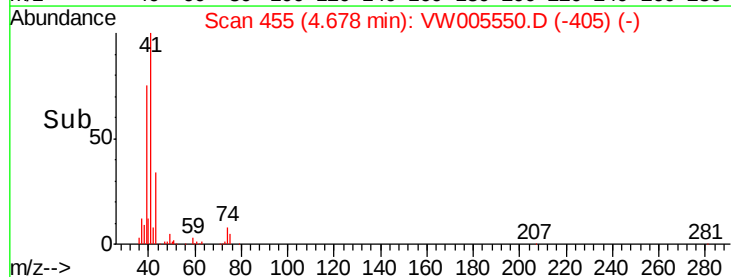
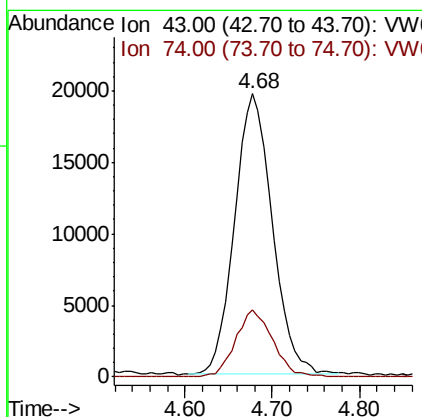
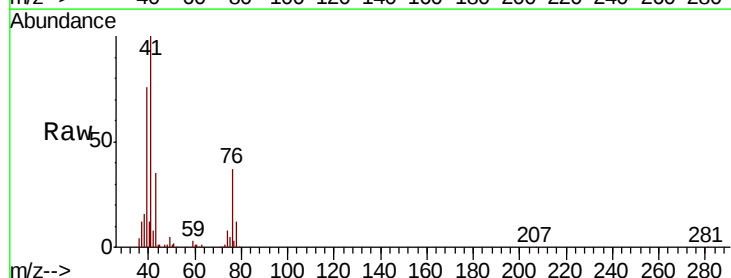
Acq: 21 Sep 2018 10:28

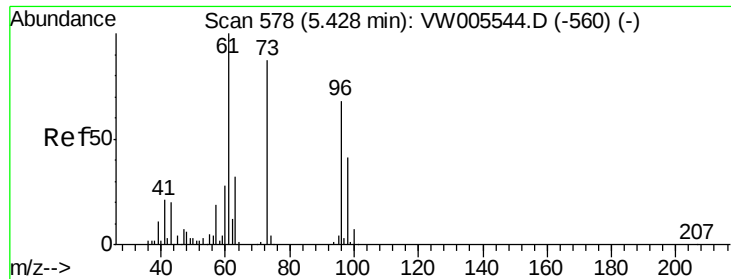
Tgt Ion: 43 Resp: 58803

Ion Ratio Lower Upper

43 100

74 23.5 19.2 28.8





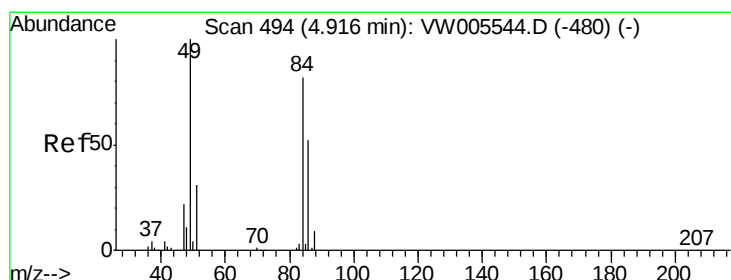
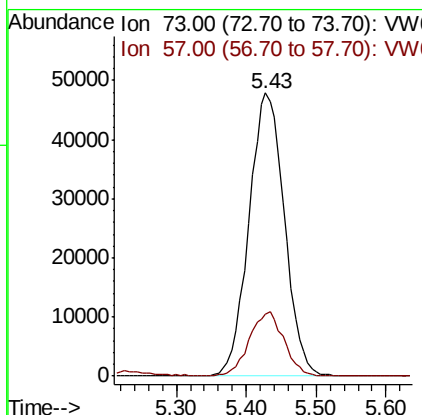
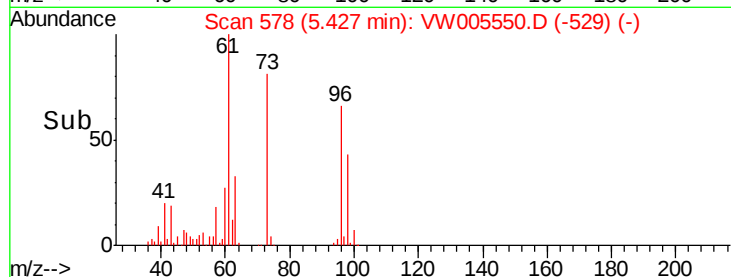
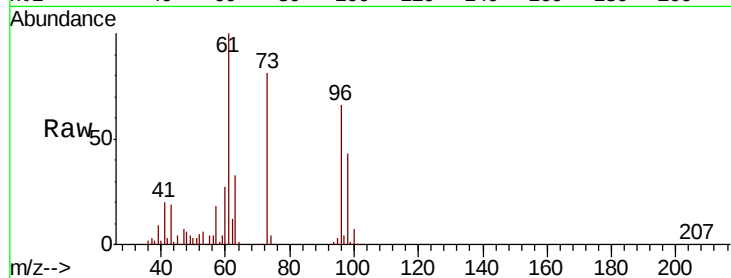
#19
Methvl tert-butvl Ether
Concen: 47.594 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 168829
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4

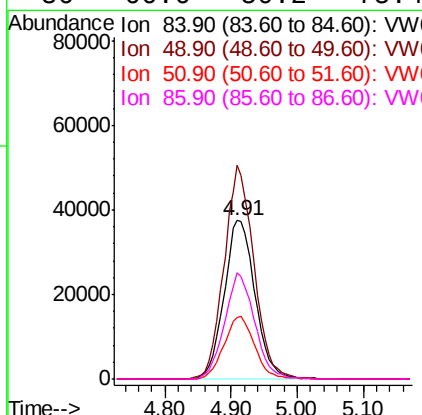
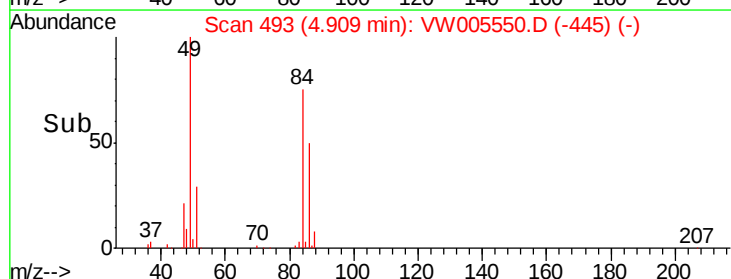
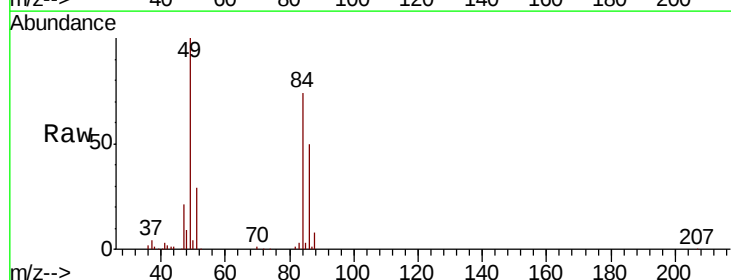
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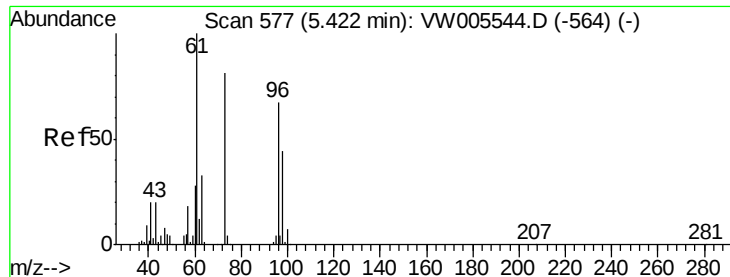
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#20
Methylene Chloride
Concen: 48.707 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion: 84 Resp: 121589
Ion Ratio Lower Upper
84 100
49 134.6 97.0 145.6
51 38.4 30.2 45.2
86 66.6 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 48.446 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

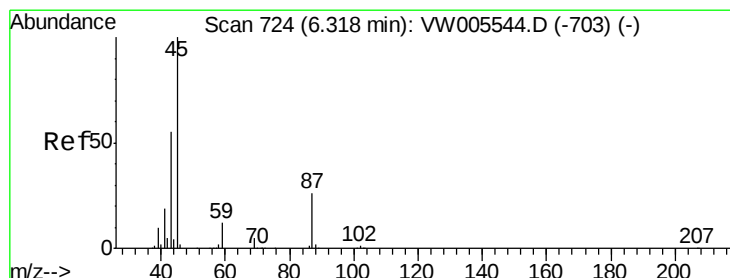
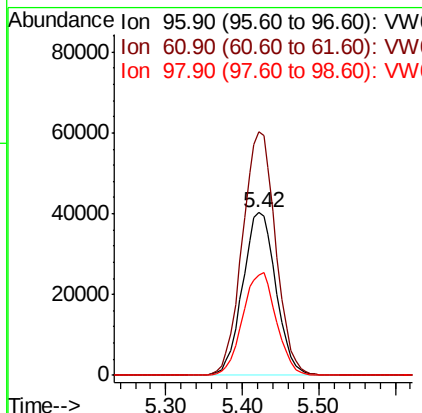
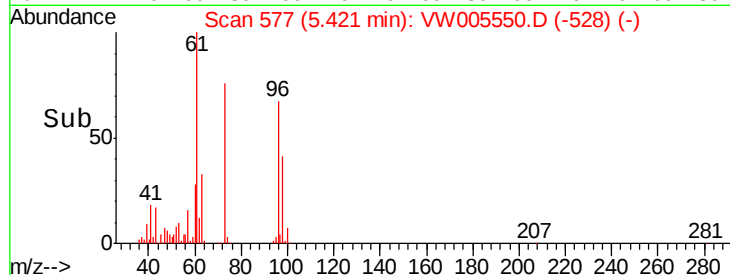
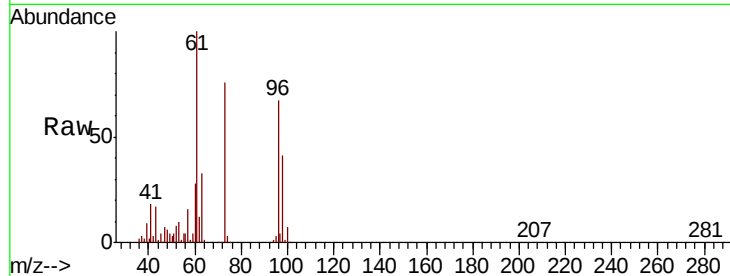
VSTDCCC050

Tot Ion:	96	Resp:	121948
Ion	Ratio	Lower	Upper
96	100		
61	149.9	118.9	178.3
98	62.0	52.1	78.1

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#22

Diisopropyl ether

Concen: 49.356 ug/l

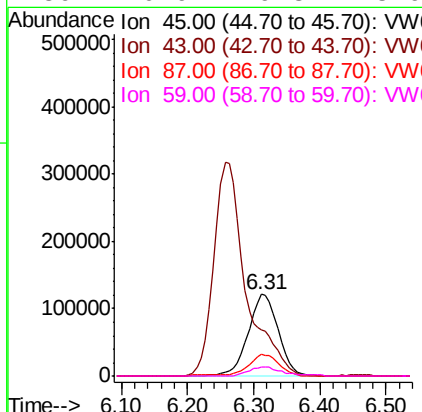
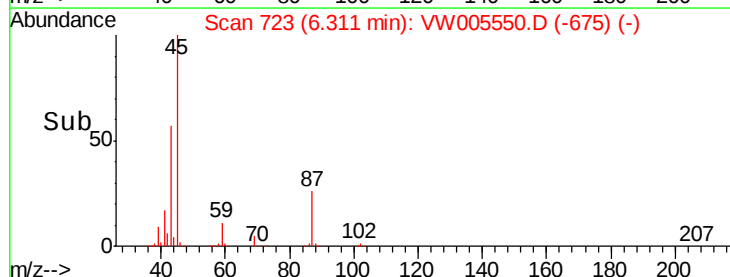
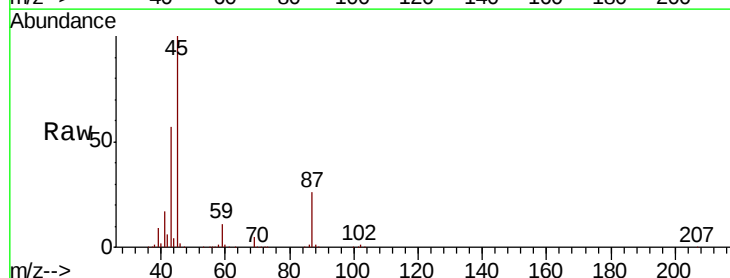
RT: 6.31 min Scan# 723

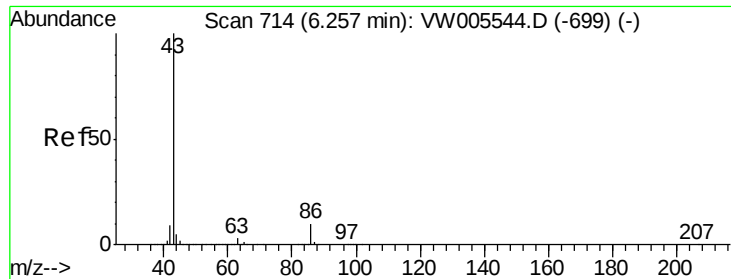
Delta R.T. -0.01 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Tgt Ion:	45	Resp:	384282
Ion	Ratio	Lower	Upper
45	100		
43	56.7	44.2	66.4
87	26.4	21.4	32.2
59	10.9	9.3	13.9





#23

Vinyl Acetate

Concen: 240.530 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1070408

Ion Ratio Lower Upper

43 100

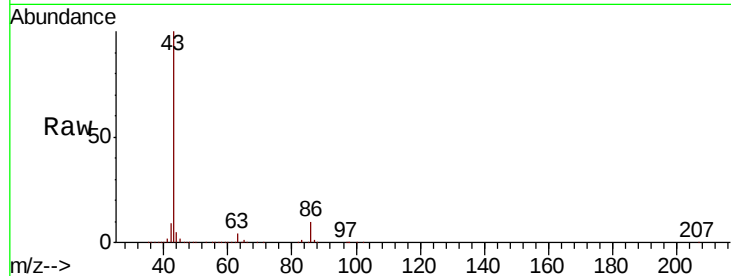
86 9.5 7.7 11.5

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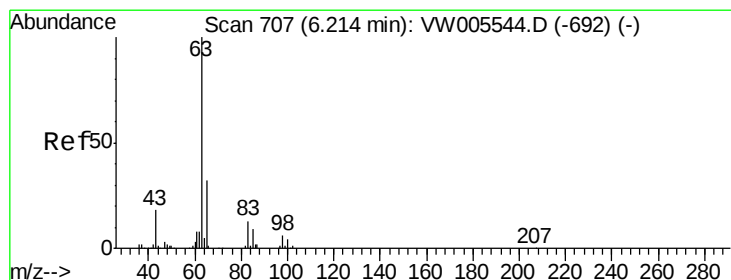
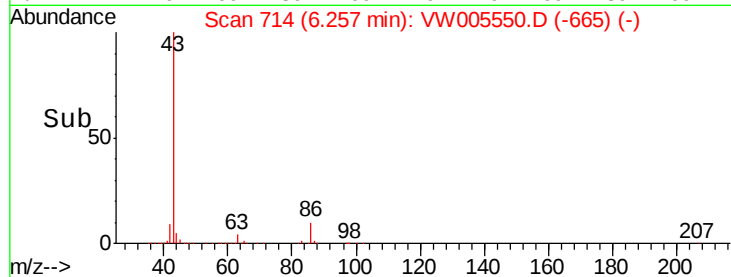
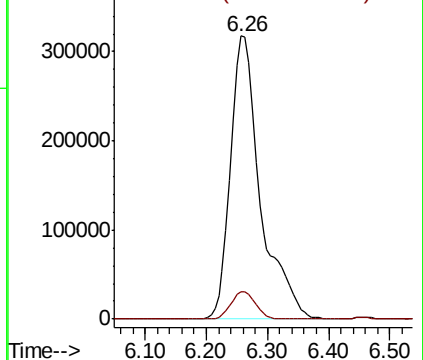
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 48.368 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

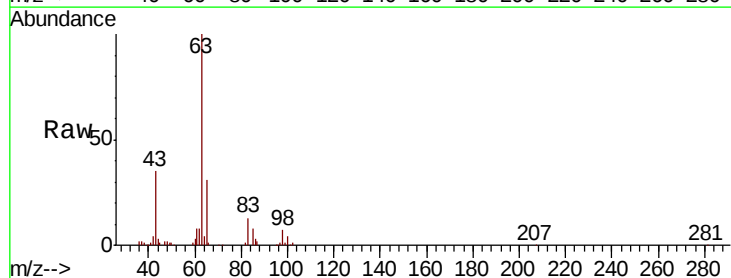
Tgt Ion: 63 Resp: 232670

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

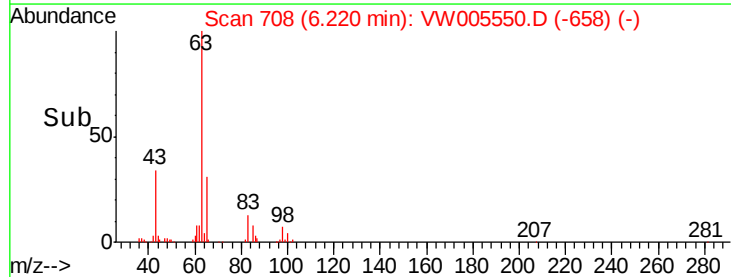
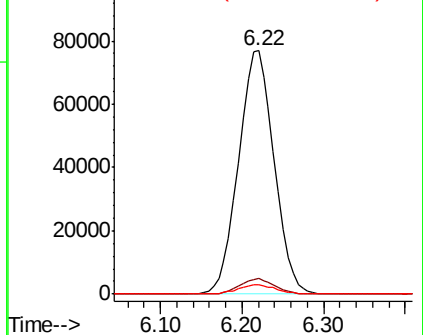
100 3.9 2.1 6.2

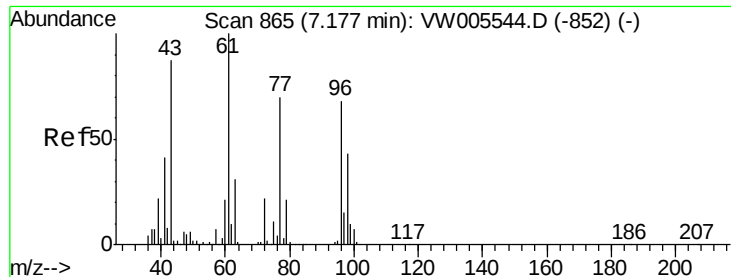


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 225.497 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 162811

Ion Ratio Lower Upper

43 100

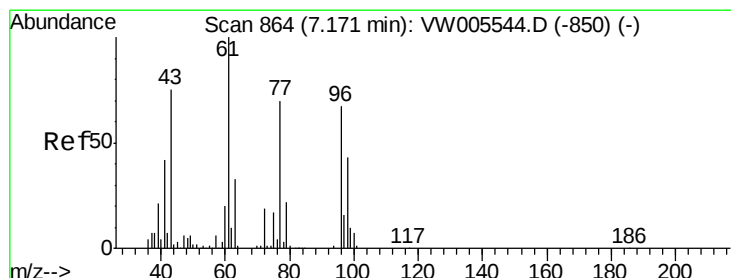
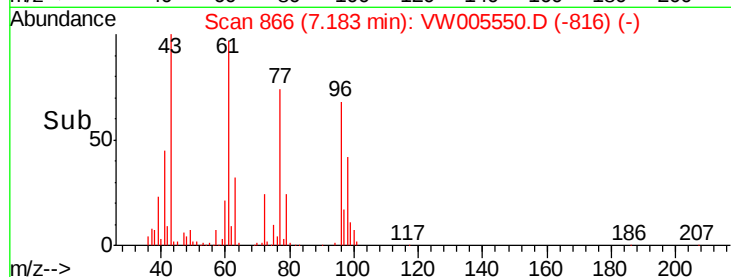
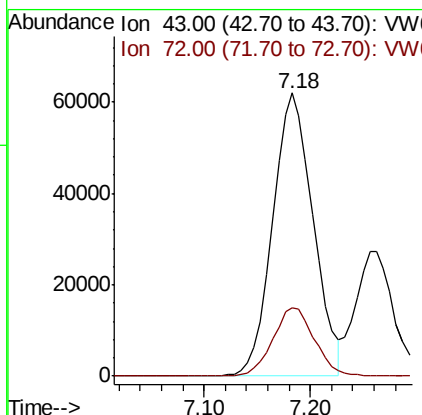
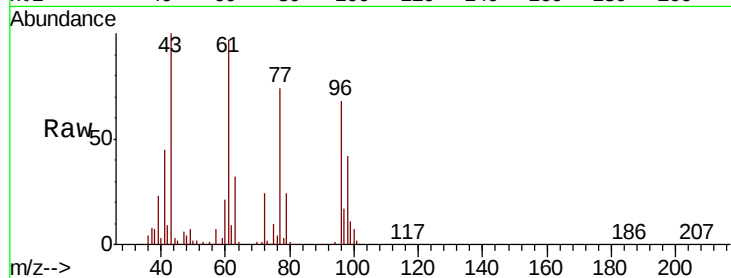
72 24.2 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 49.793 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005550.D

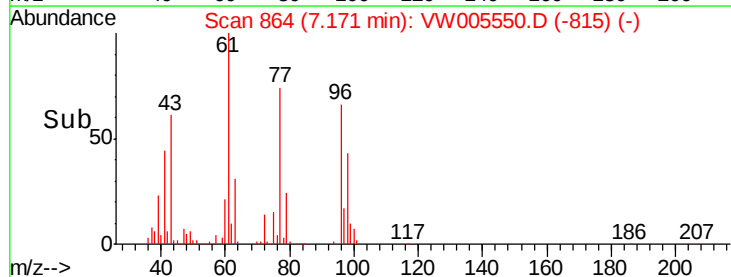
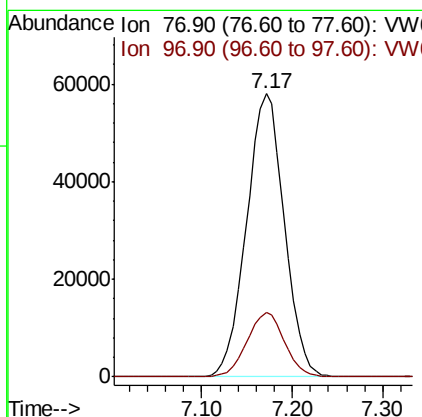
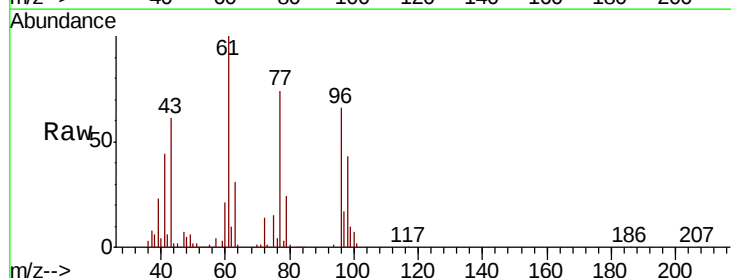
Acq: 21 Sep 2018 10:28

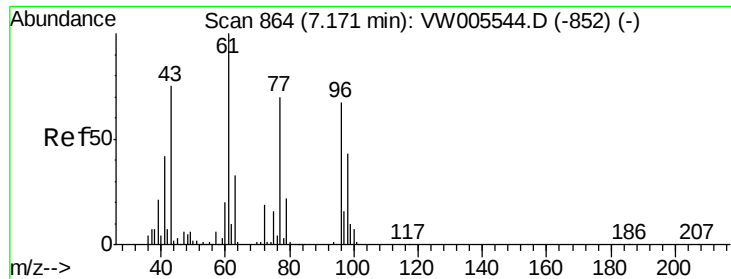
Tgt Ion: 77 Resp: 167222

Ion Ratio Lower Upper

77 100

97 22.4 11.0 33.0





#27

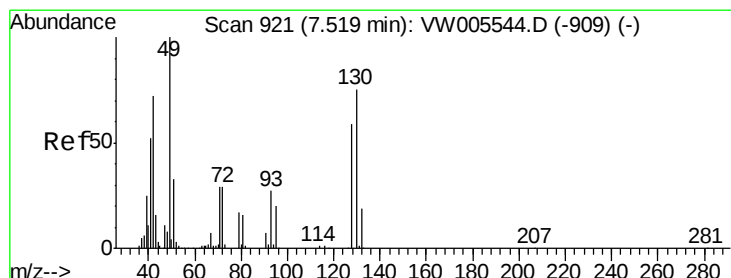
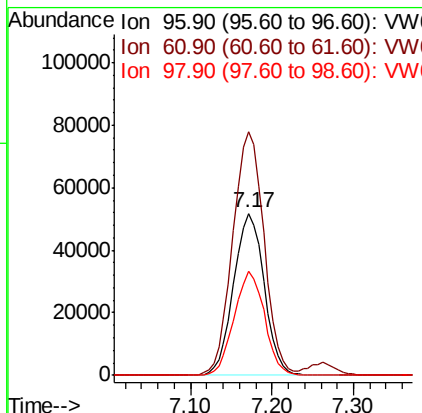
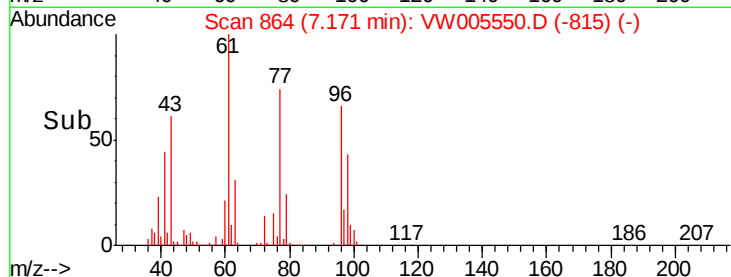
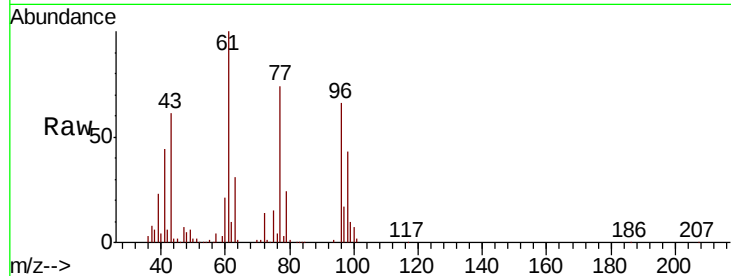
cis-1,2-Dichloroethene
 Concen: 48.495 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	153.4	0.0	303.4	
98	63.5	0.0	127.2	

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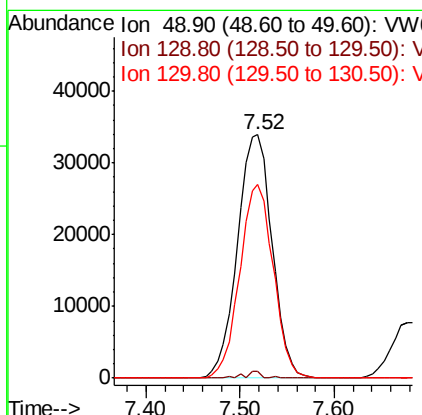
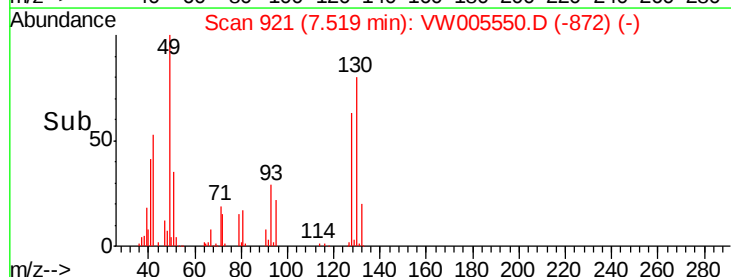
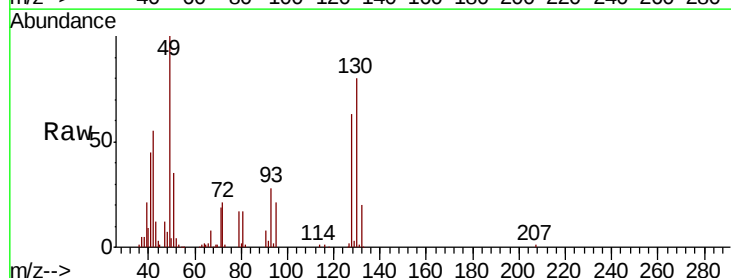
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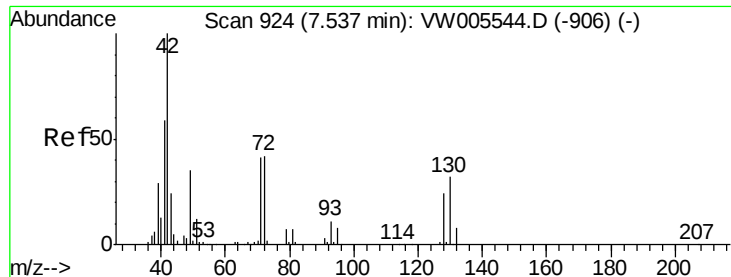


#28

Bromochloromethane
 Concen: 45.630 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.1	0.0	1.4	
130	77.1	61.3	91.9	





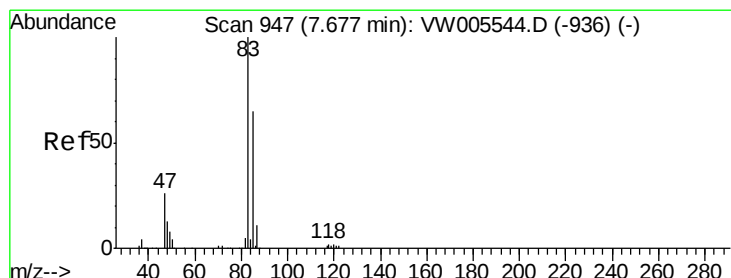
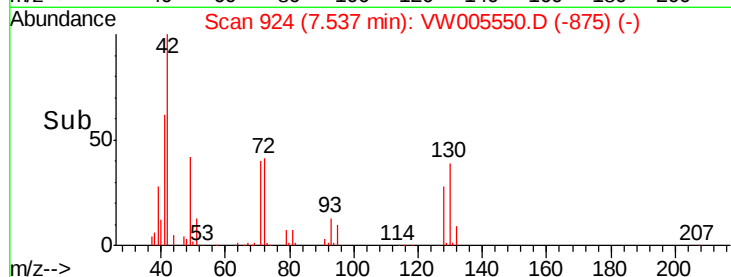
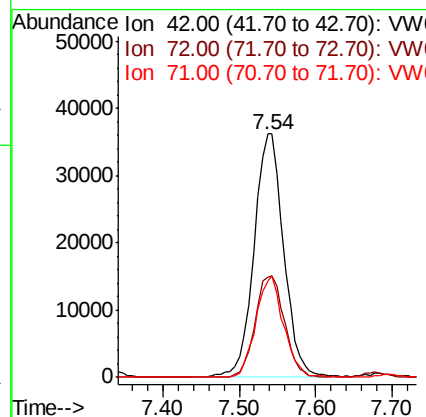
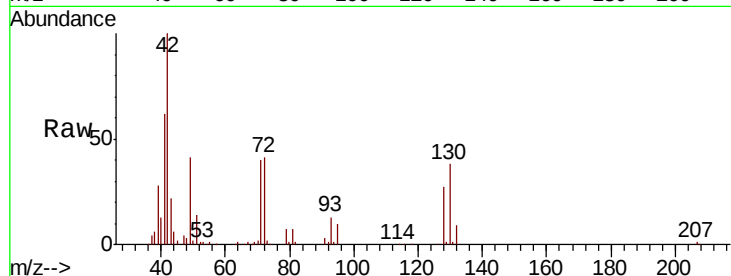
#29
Tetrahydrofuran
Concen: 217.501 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.6	50.4
71	38.9	31.8	47.6

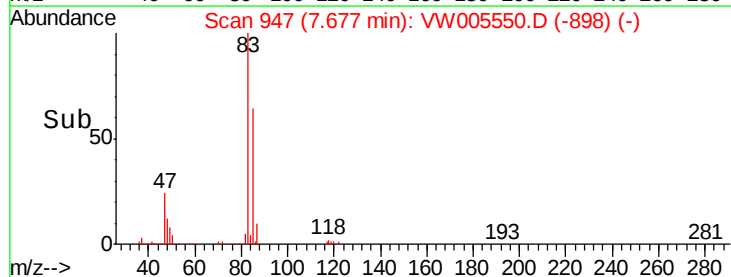
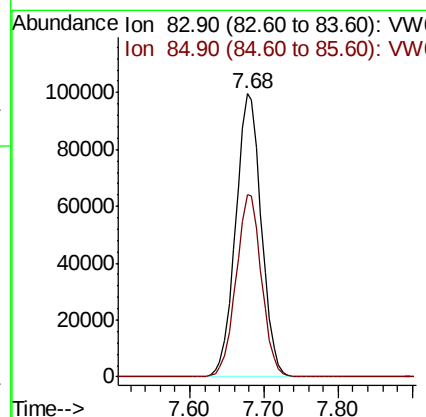
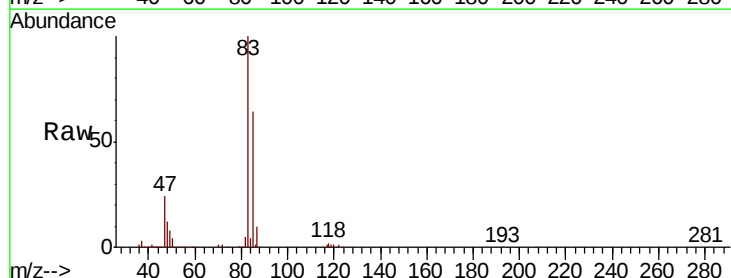
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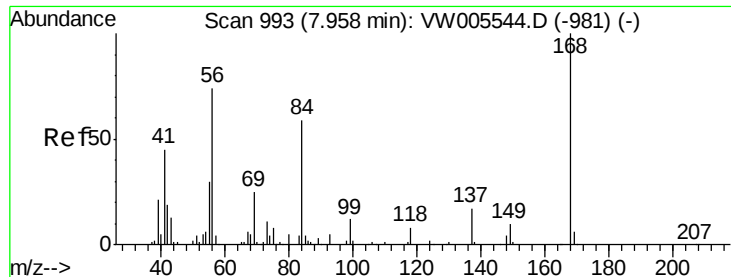
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#30
Chloroform
Concen: 48.260 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.8	77.6





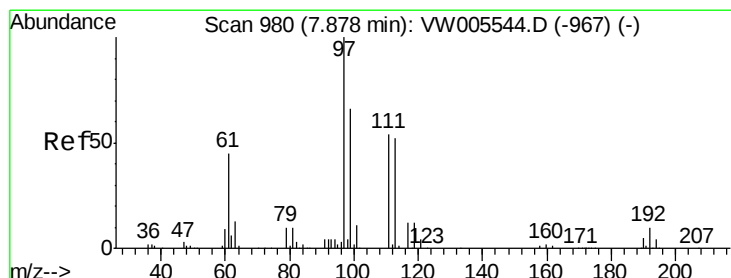
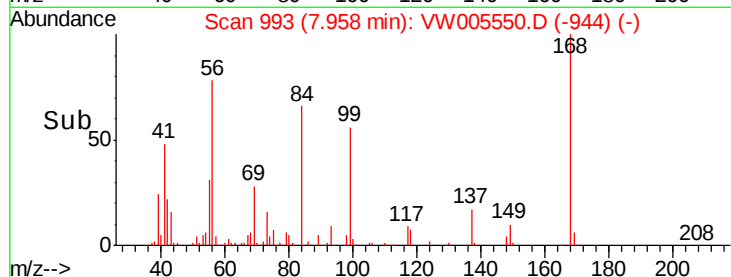
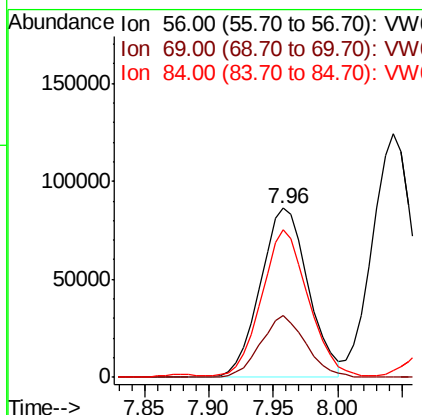
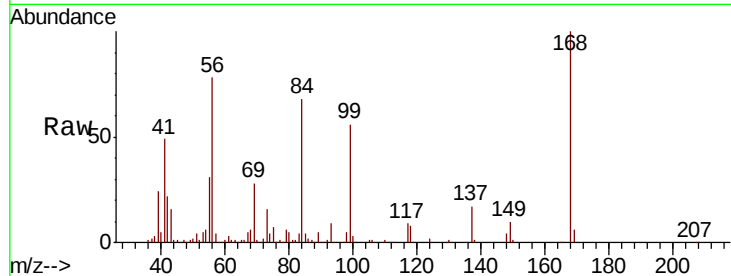
#31
Cyclohexane
Concen: 48.329 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
56	100	222737		
69	36.3		27.0	40.4
84	85.8		64.2	96.4

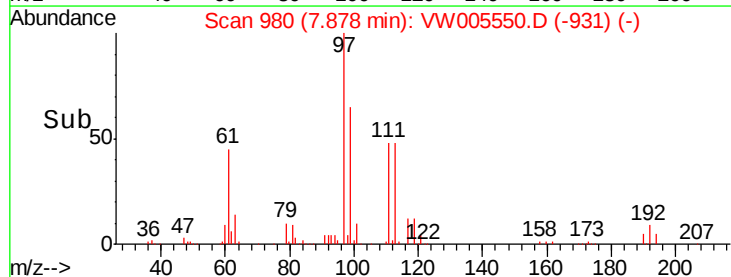
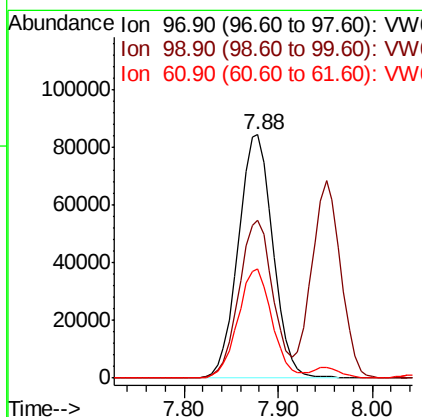
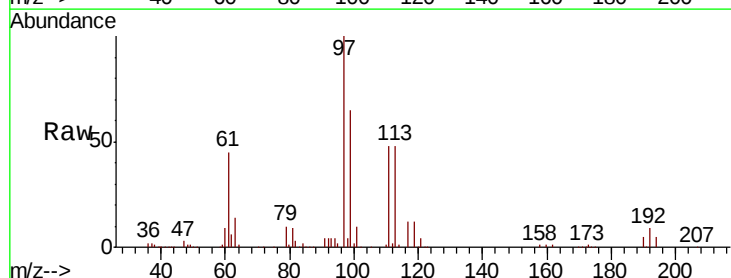
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#32
1,1,1-Trichloroethane
Concen: 49.429 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	216858		
99	63.9		51.0	76.6
61	44.2		36.2	54.2





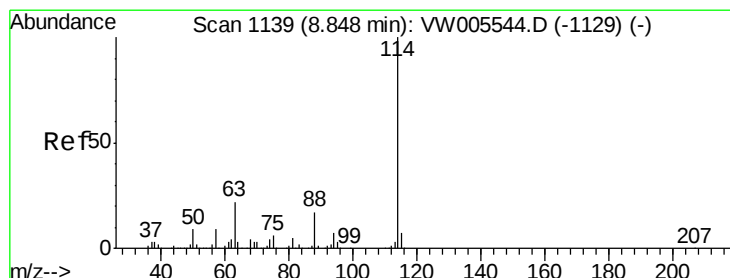
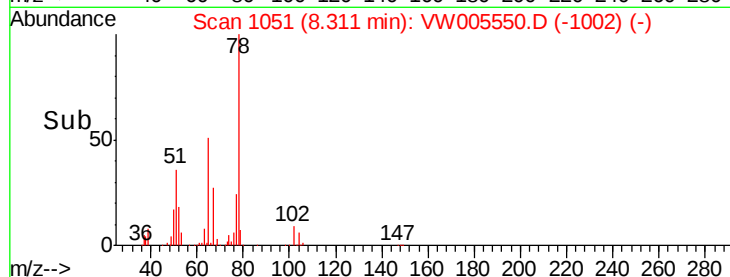
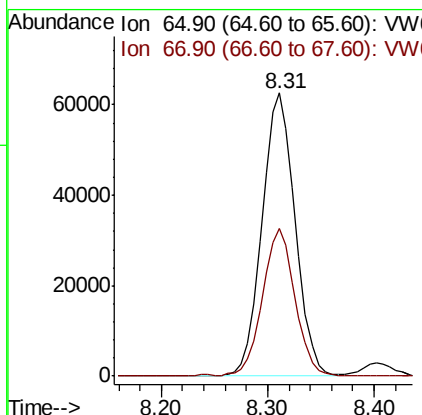
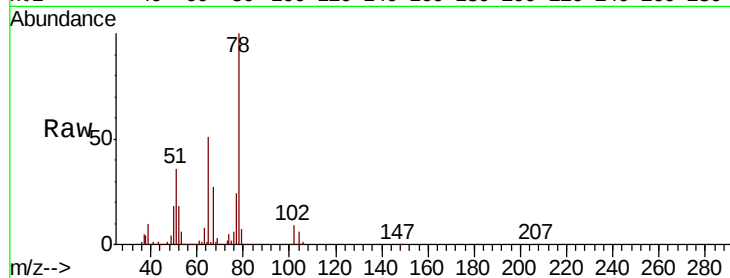
#33
 1,2-Dichloroethane-d4
 Concen: 45.611 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	135589		
67	51.2	0.0	100.6	

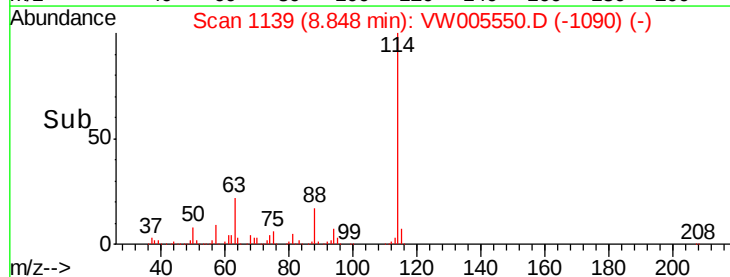
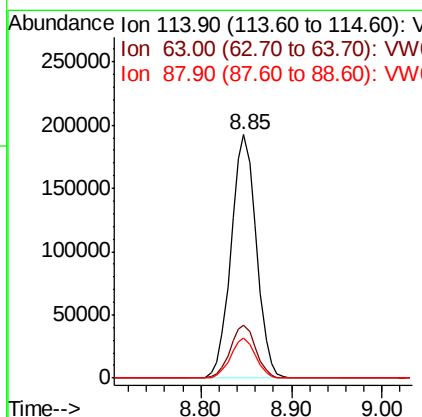
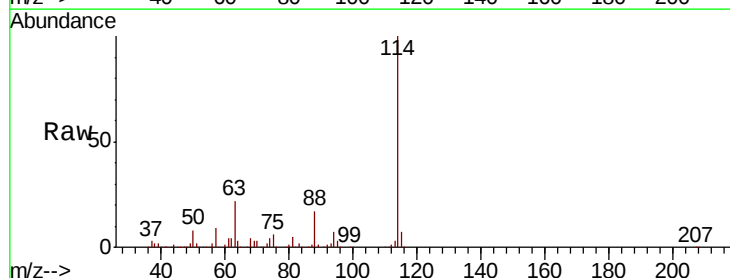
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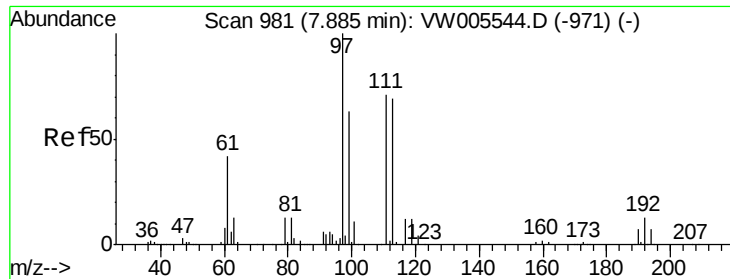
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	374433		
63	21.9	0.0	43.0	
88	16.5	0.0	33.0	





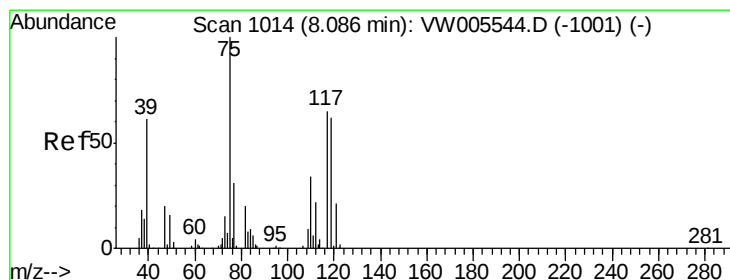
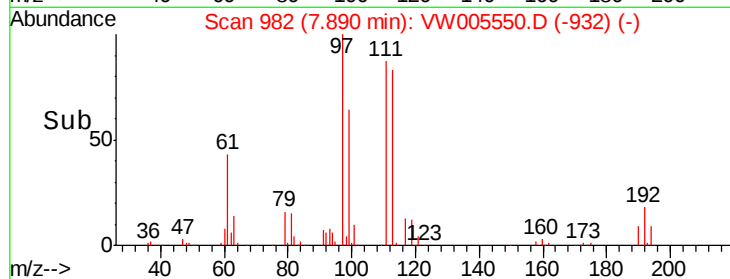
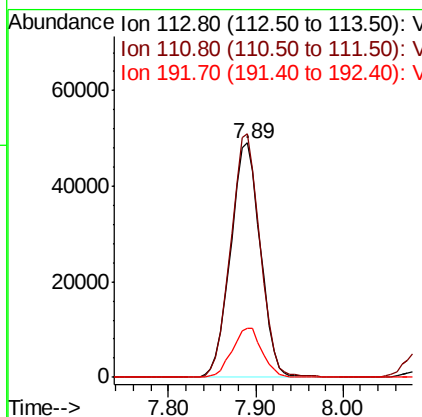
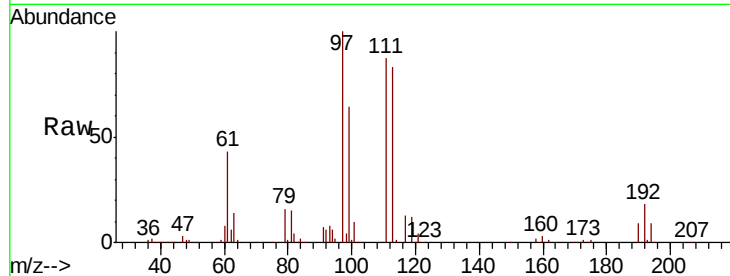
#35
 Dibromofluoromethane
 Concen: 49.289 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	116059		
111	102.4	82.6	123.8	
192	21.1	17.0	25.4	

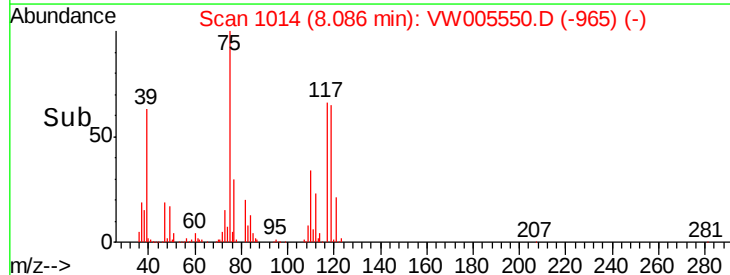
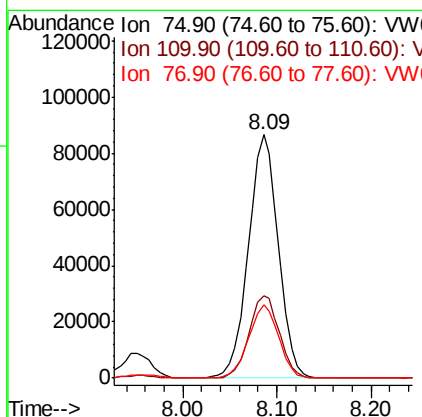
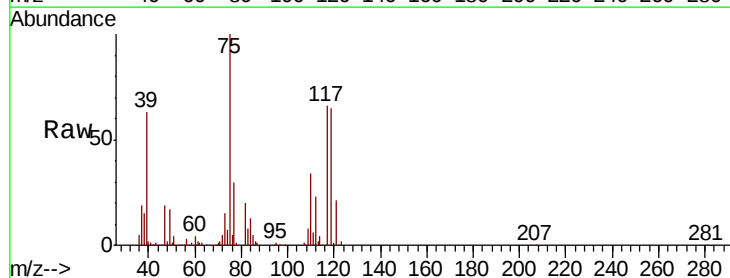
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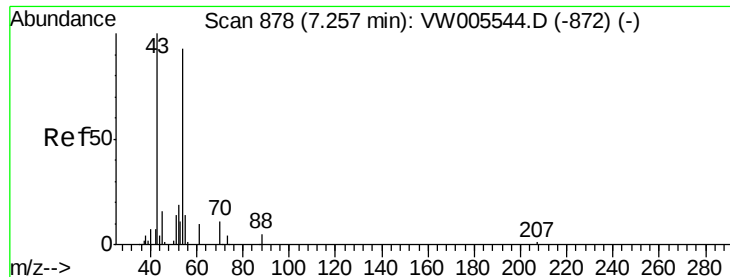
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#36
 1,1-Dichloropropene
 Concen: 51.210 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	193024		
110	34.2	17.0	50.9	
77	30.3	24.8	37.2	





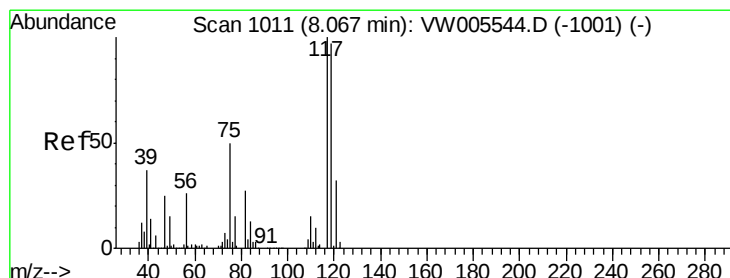
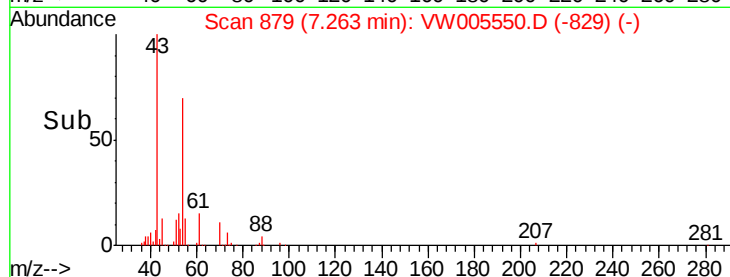
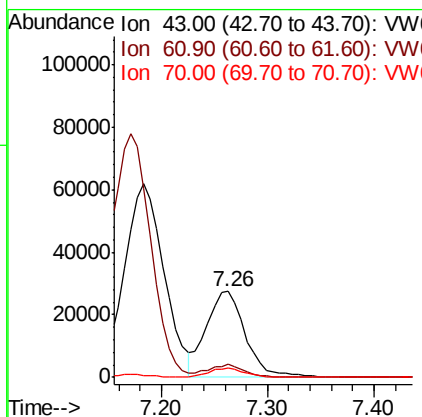
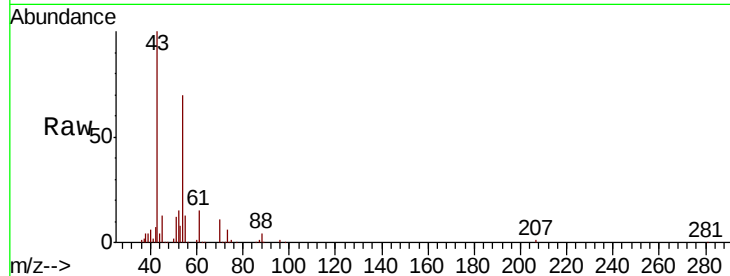
#37
Ethyl Acetate
Concen: 43.717 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	10.1	8.2	12.2

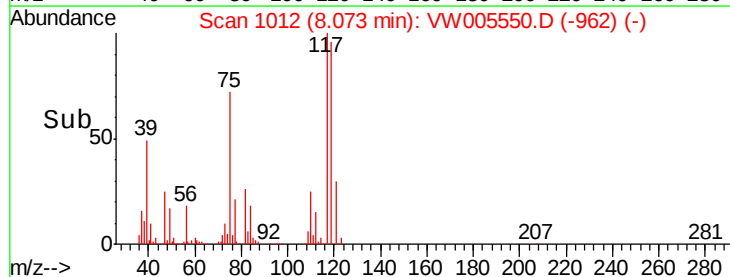
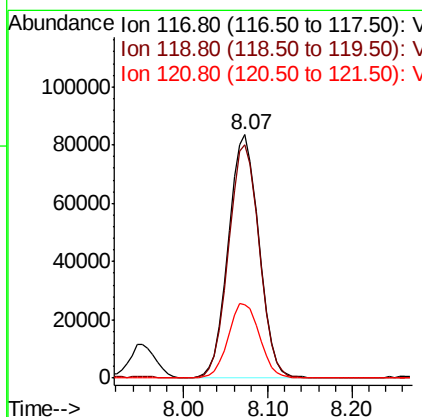
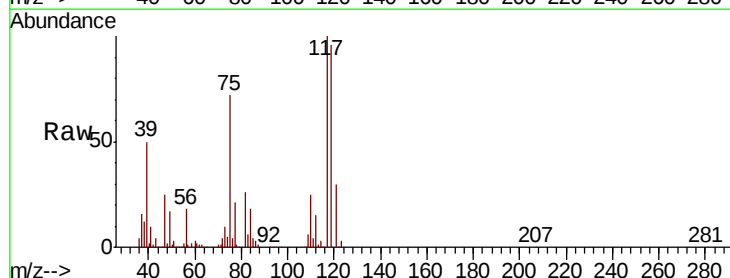
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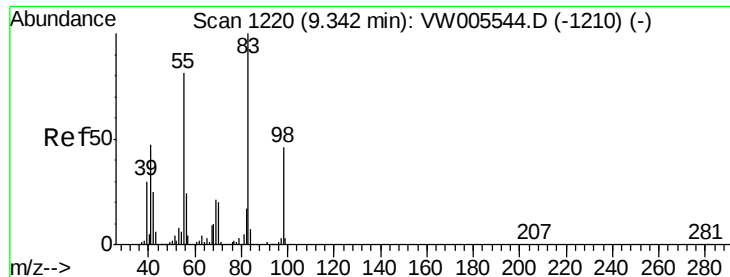
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#38
Carbon Tetrachloride
Concen: 51.027 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.6	116.4
121	30.3	25.7	38.5





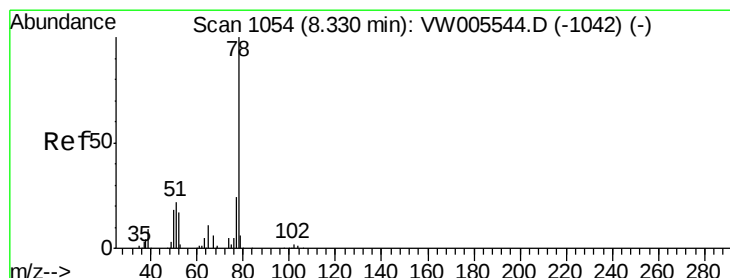
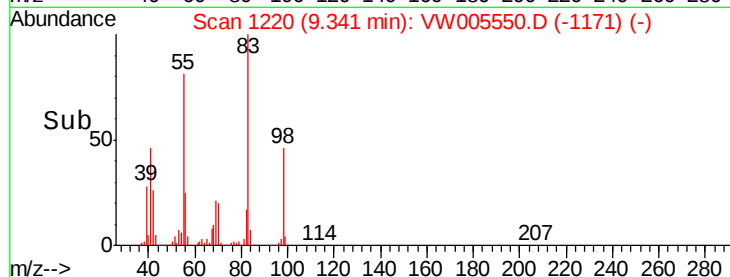
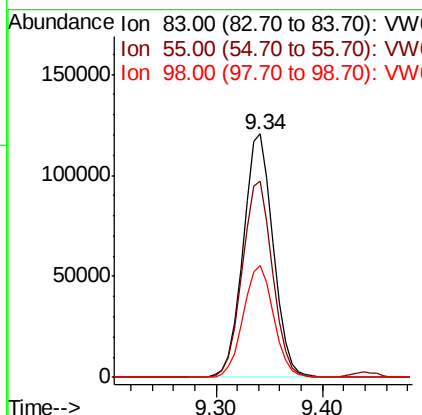
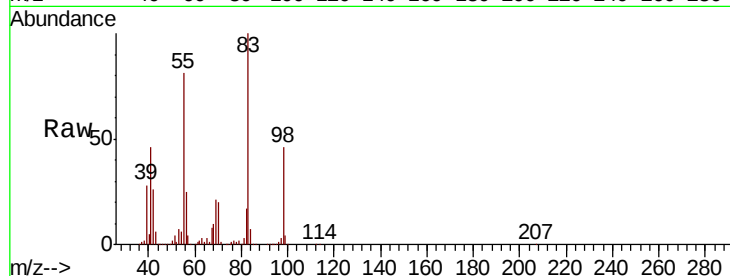
#39
Methvlcvclohexane
Concen: 53.680 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.8	64.6	97.0
98	45.7	37.0	55.6

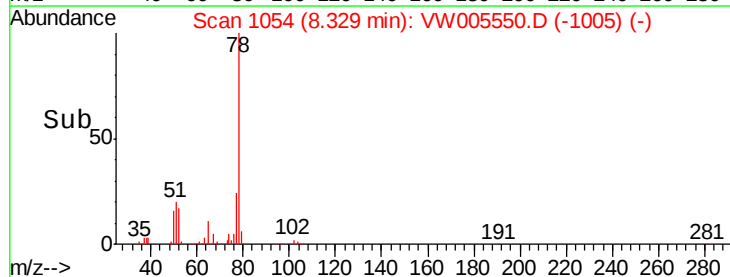
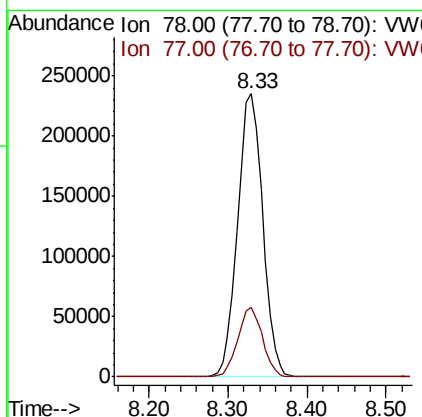
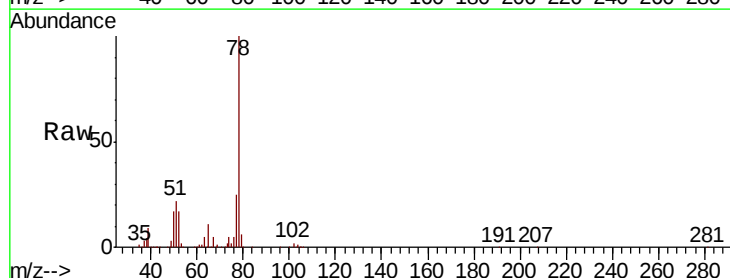
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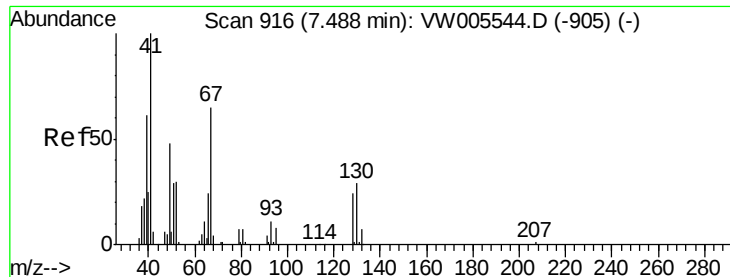
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#40
Benzene
Concen: 49.012 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





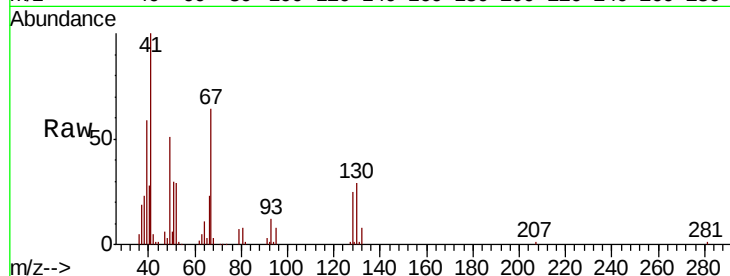
#41
Methacrylonitrile
Concen: 50.565 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

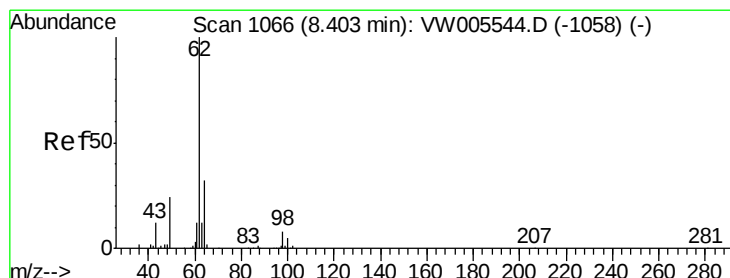
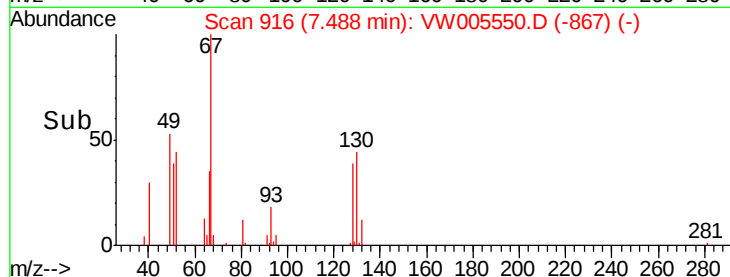
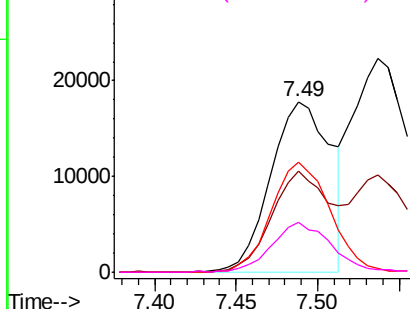
Tot Ion:	41	Resp:	45642
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.4	68.2
67	63.0	55.2	82.8
52	29.3	25.3	37.9

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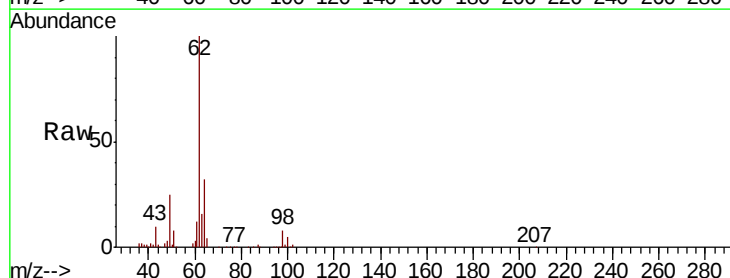


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

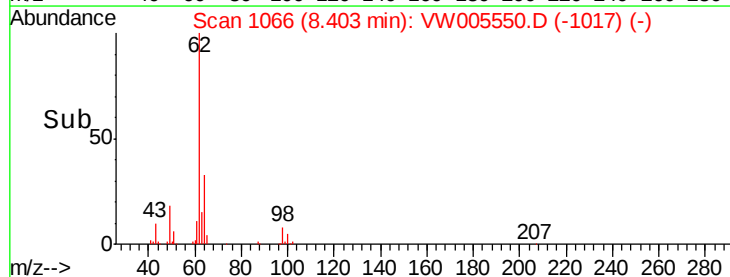
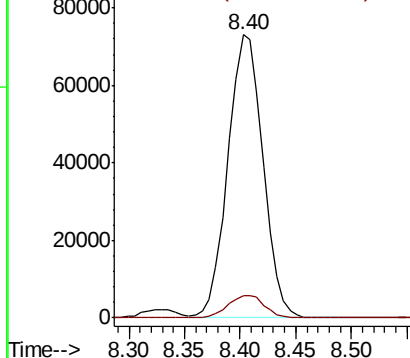


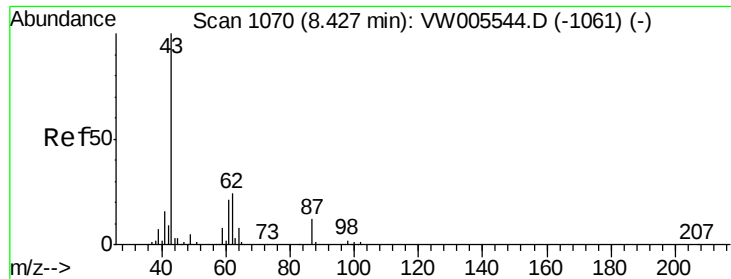
#42
1,2-Dichloroethane
Concen: 46.586 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion:	62	Resp:	159291
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





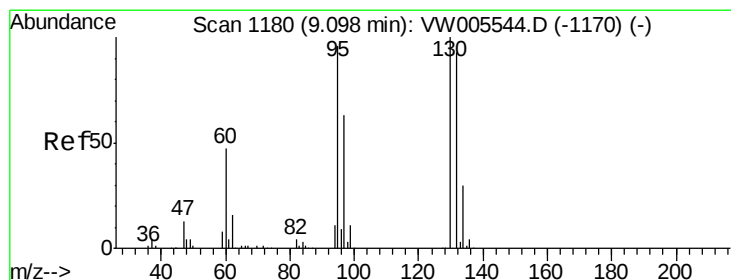
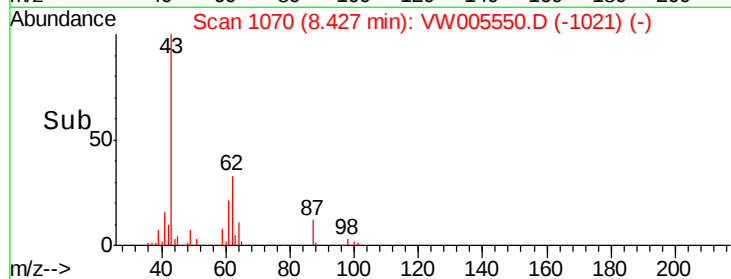
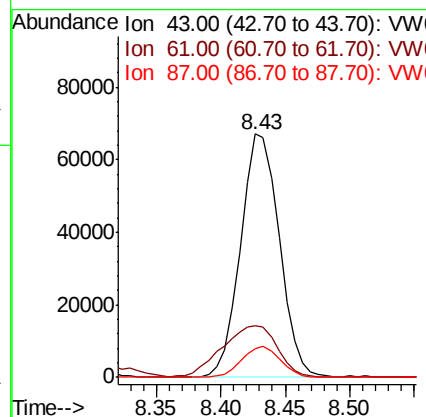
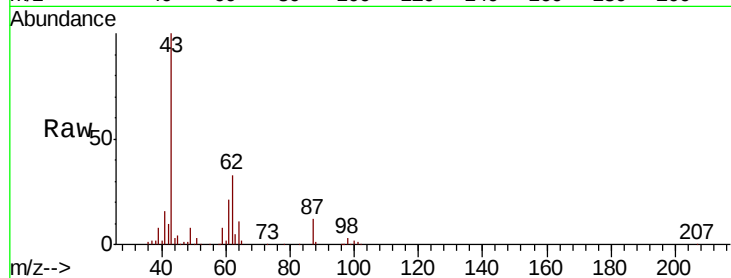
#43
Isopropyl Acetate
Concen: 44.832 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.5	24.1	36.1
87	12.5	9.8	14.8

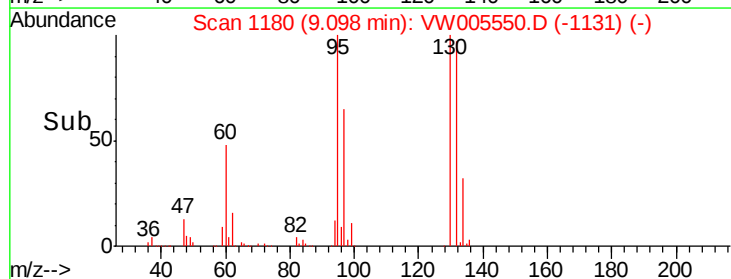
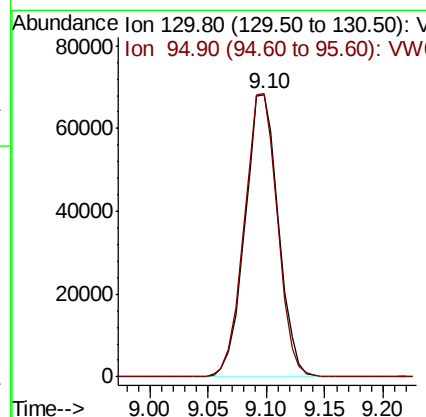
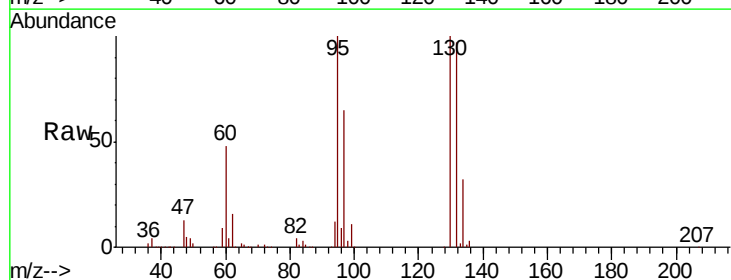
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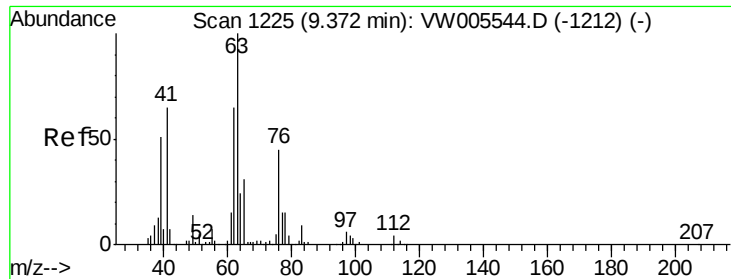
apatel
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#44
Trichloroethene
Concen: 49.836 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	191.2





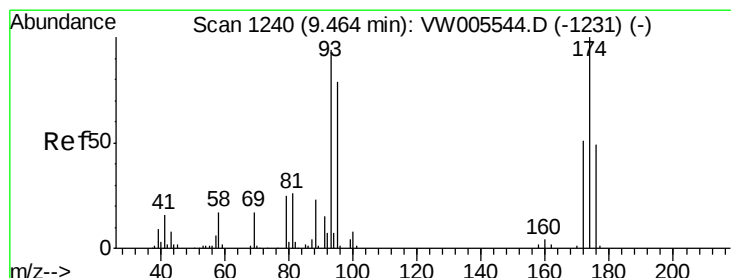
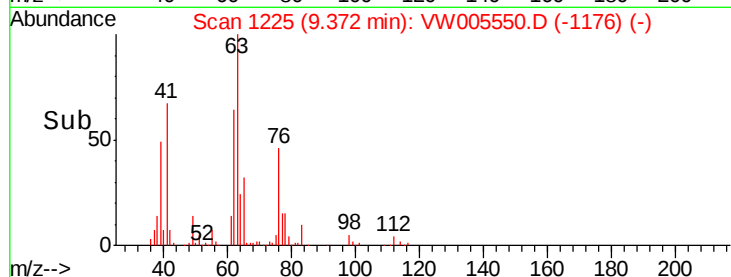
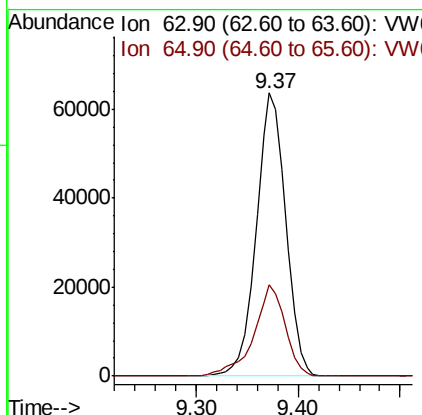
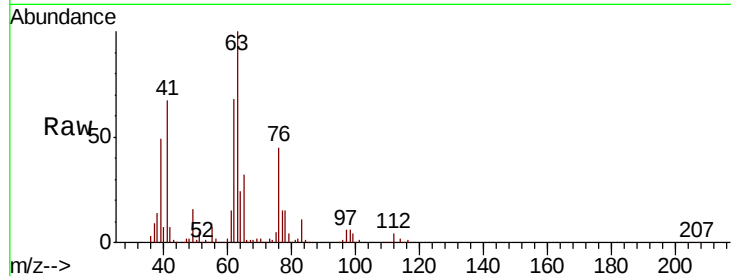
#45
 1,2-Dichloropropane
 Concen: 48.628 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 127765
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.7 37.1

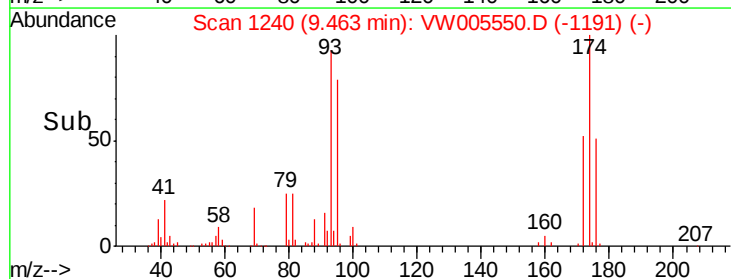
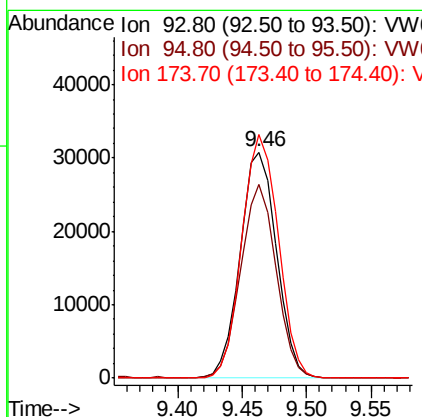
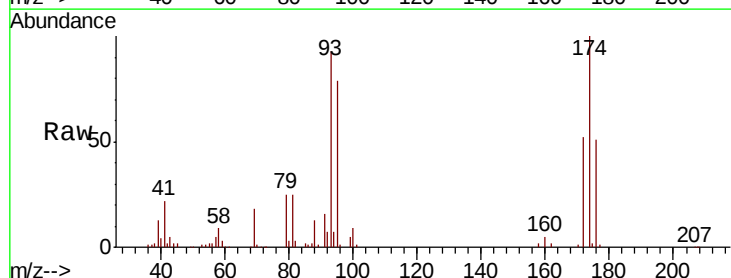
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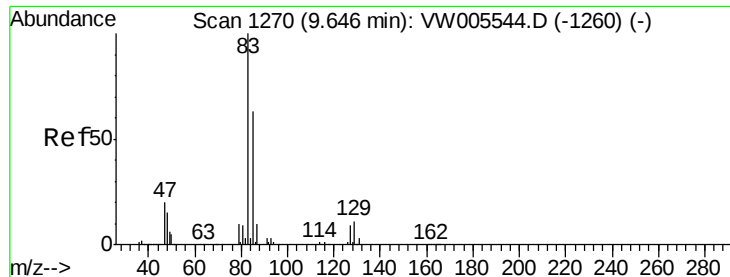
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#46
 Dibromomethane
 Concen: 45.995 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

Tgt Ion: 93 Resp: 60382
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.8 98.8
 174 107.5 84.0 126.0





#47

Bromodichloromethane

Concen: 48.154 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

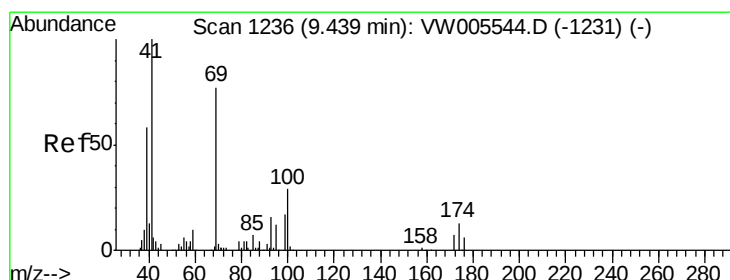
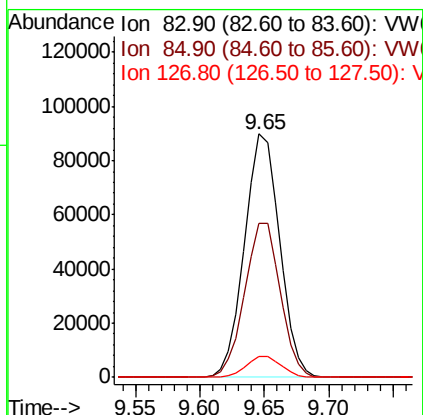
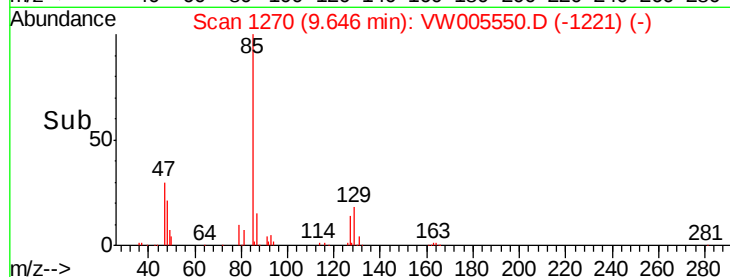
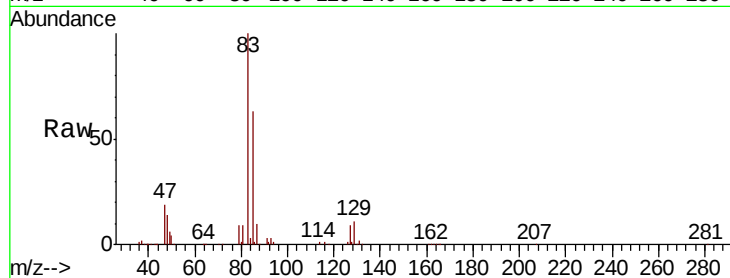
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	169817
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.5	75.7
127	8.8	7.0	10.6

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#48

Methyl methacrylate

Concen: 47.212 ug/l

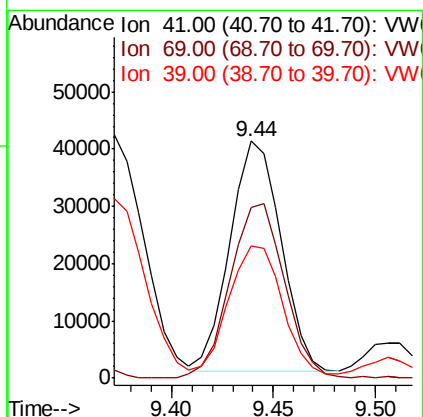
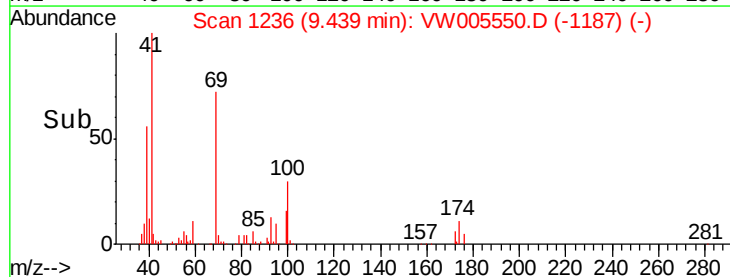
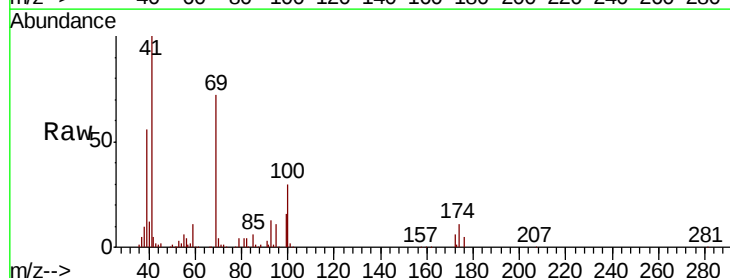
RT: 9.44 min Scan# 1236

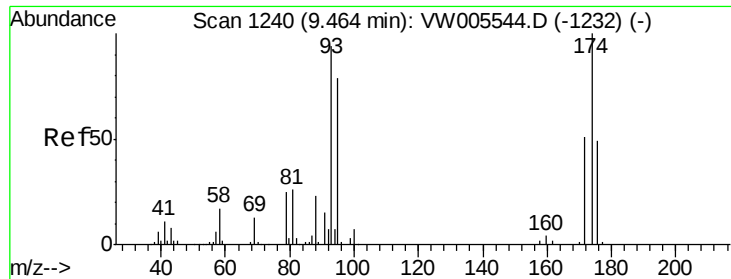
Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Tgt Ion:	41	Resp:	69933
Ion	Ratio	Lower	Upper
41	100		
69	81.0	64.7	97.1
39	57.8	50.5	75.7





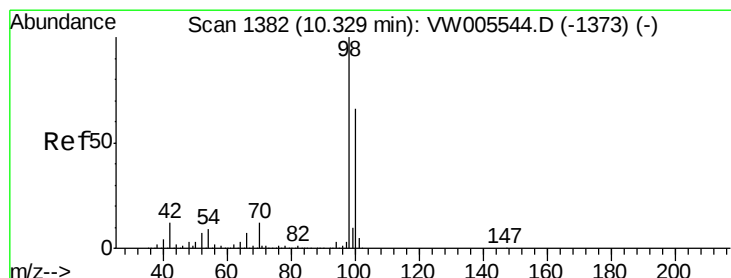
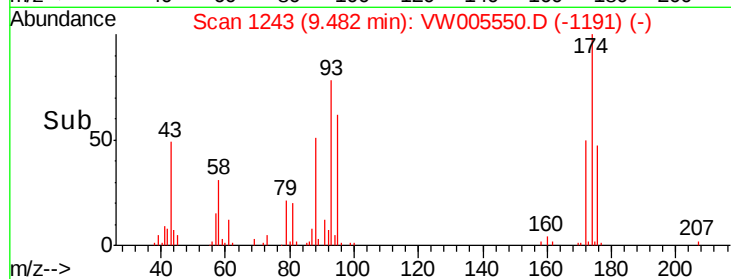
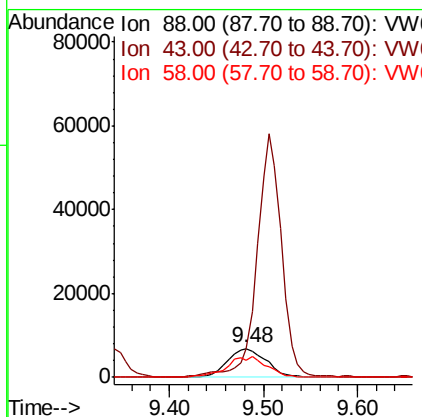
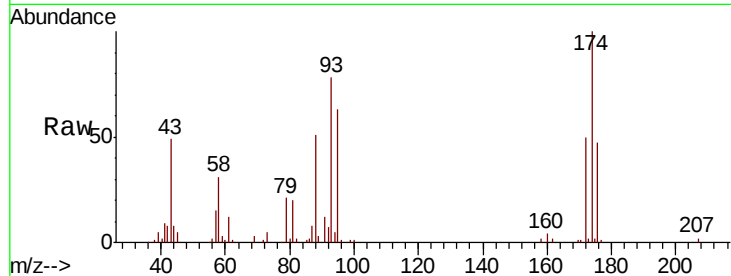
#49
1,4-Dioxane
Concen: 945.110 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	88	Resp	19726
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.2	61.2	91.8

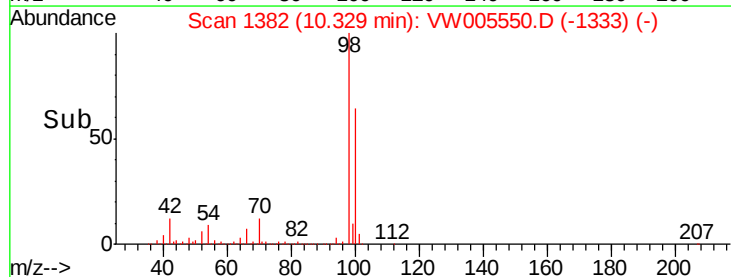
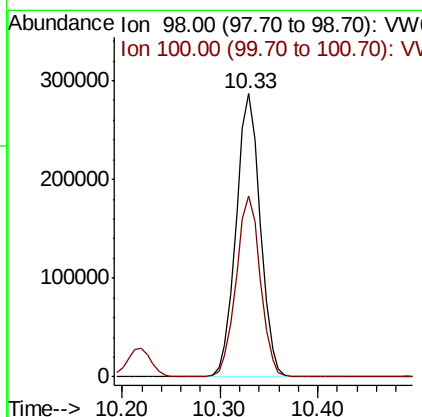
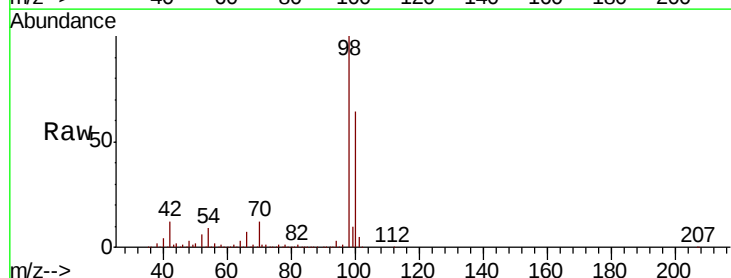
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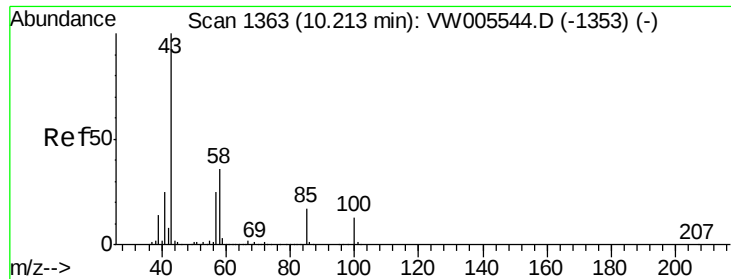
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#50
Toluene-d8
Concen: 51.260 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	98	Resp	491467
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 226.512 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 355789

Ion Ratio Lower Upper

43 100

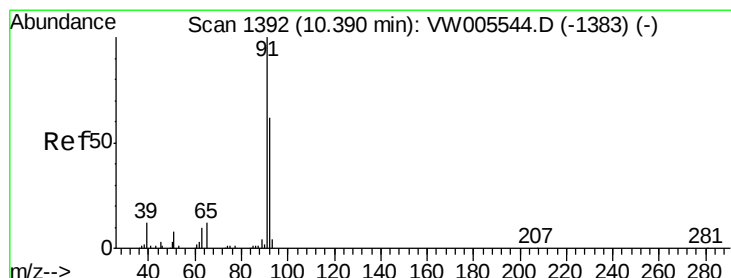
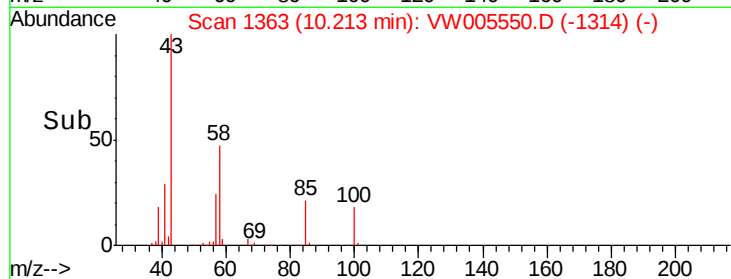
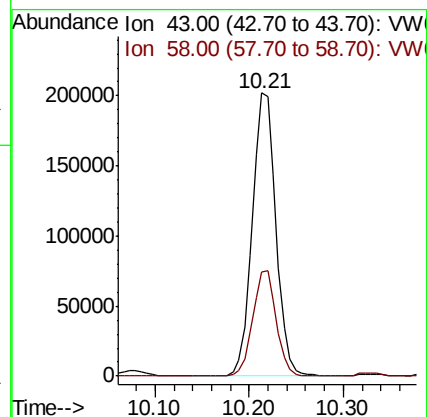
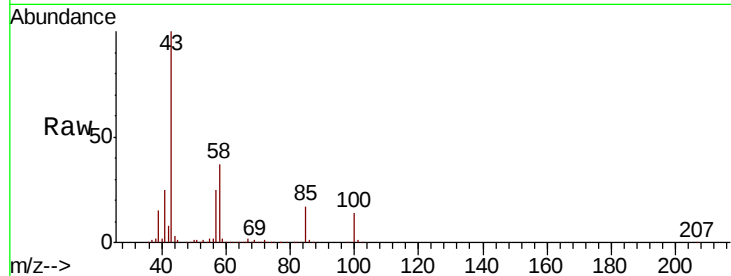
58 37.0 30.0 45.0

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#52

Toluene

Concen: 50.540 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005550.D

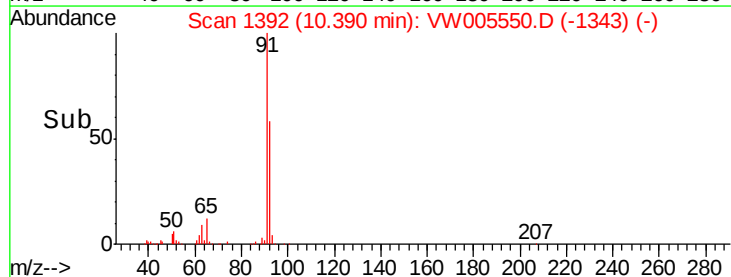
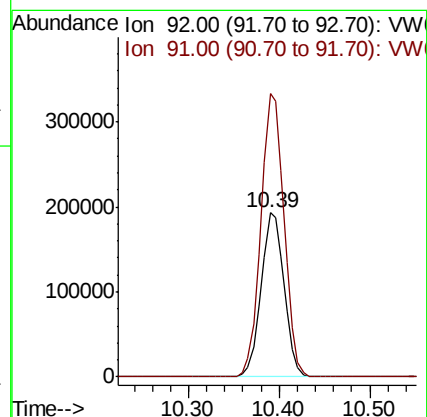
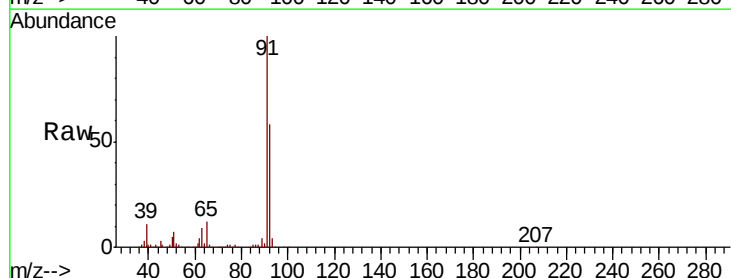
Acq: 21 Sep 2018 10:28

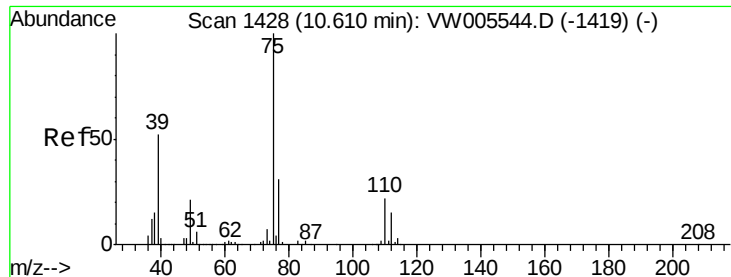
Tgt Ion: 92 Resp: 336779

Ion Ratio Lower Upper

92 100

91 174.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 49.983 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 176703

Ion Ratio Lower Upper

75 100

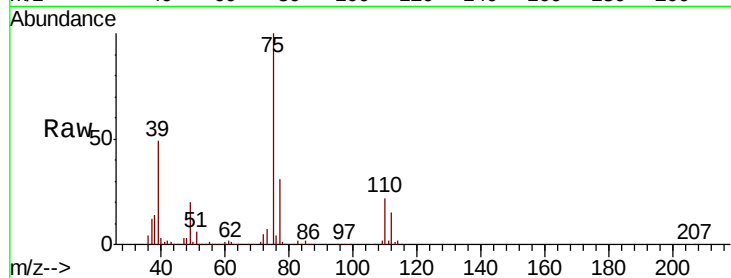
77 30.7 24.6 37.0

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

120000

100000

80000

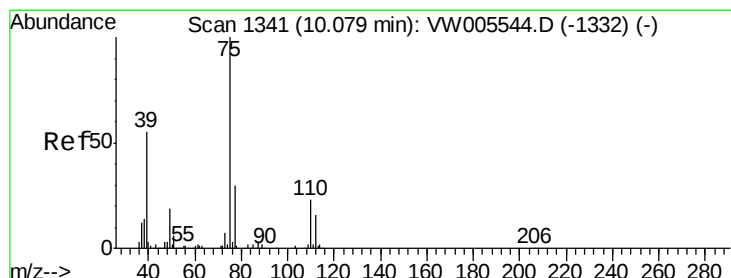
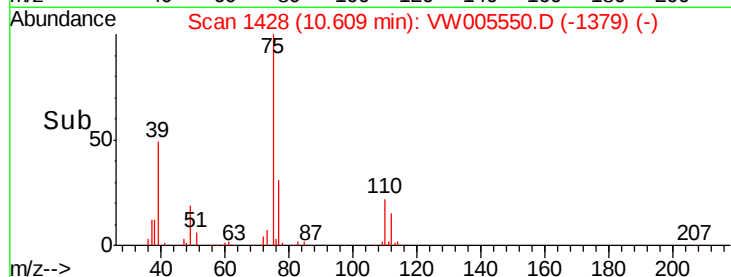
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 50.564 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

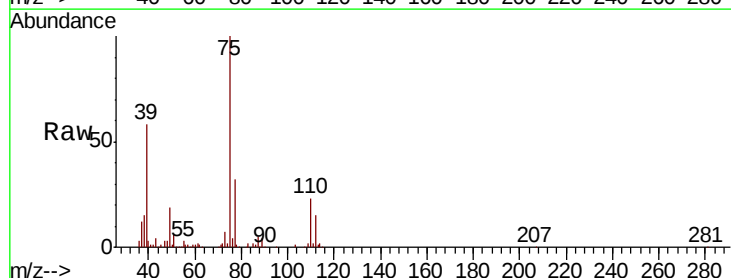
Tgt Ion: 75 Resp: 200286

Ion Ratio Lower Upper

75 100

77 32.3 24.3 36.5

39 57.4 43.7 65.5



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

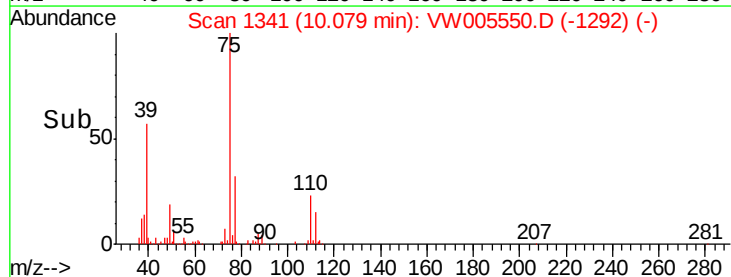
150000

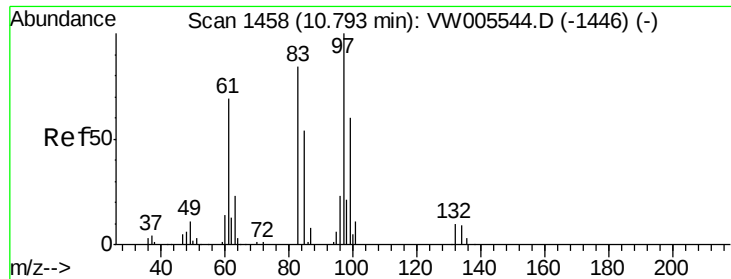
100000

50000

0

Time--> 10.00 10.10 10.20





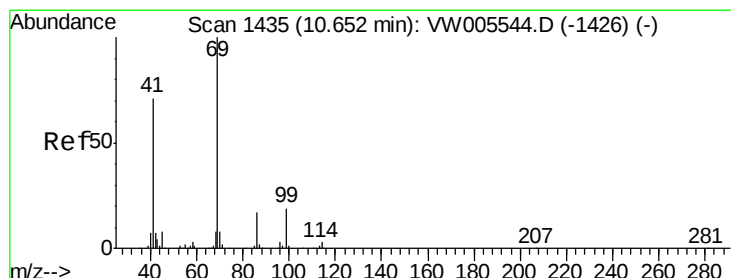
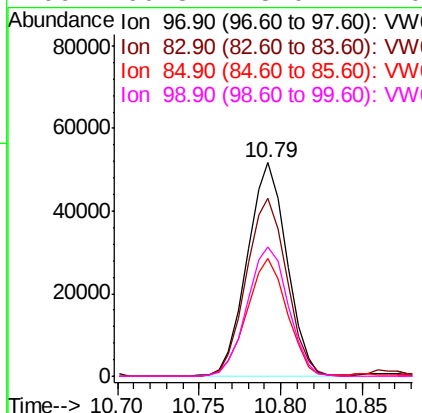
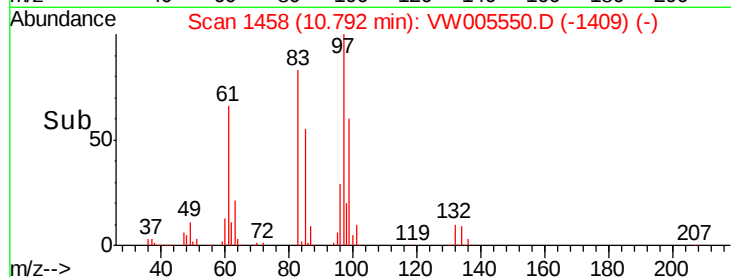
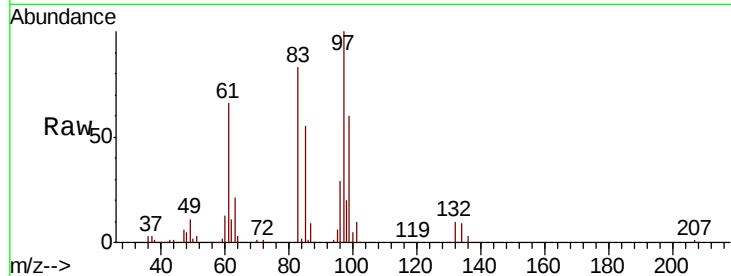
#55
 1,1,2-Trichloroethane
 Concen: 46.963 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	87515
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.4	101.2
85	54.9	43.3	64.9
99	60.3	48.0	72.0

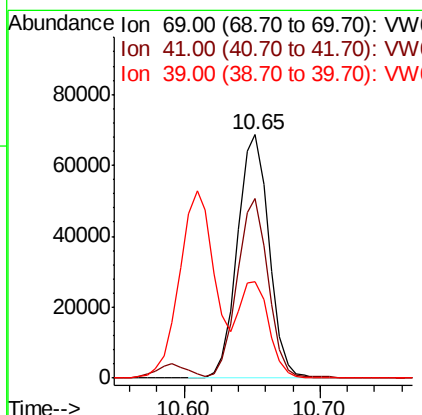
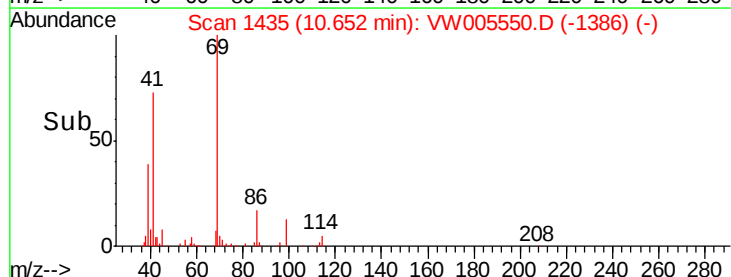
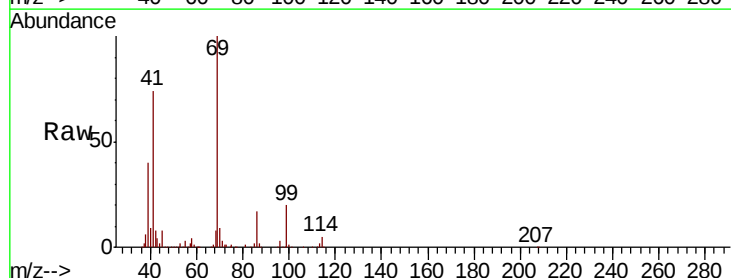
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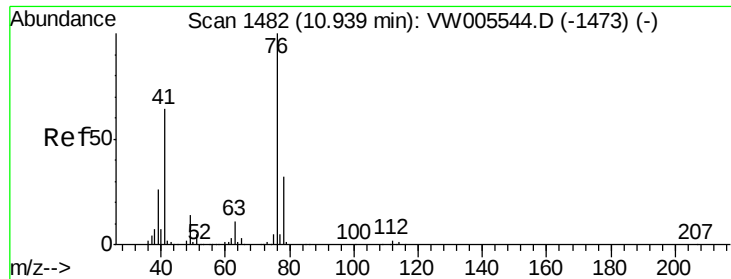
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#56
 Ethyl methacrylate
 Concen: 48.020 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

Tgt Ion:	69	Resp:	110464
Ion	Ratio	Lower	Upper
69	100		
41	72.4	57.3	85.9
39	37.2	29.2	43.8





#57

1,3-Dichloropropane

Concen: 47.064 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 155438

Ion Ratio Lower Upper

76 100

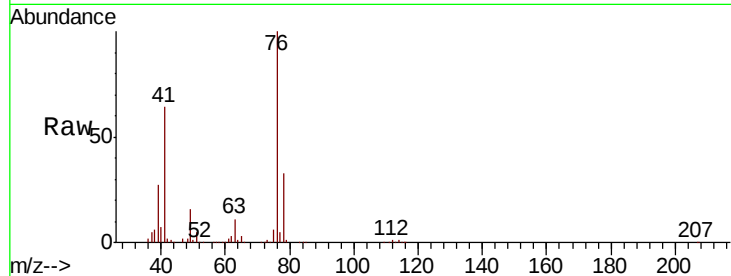
78 32.1 25.6 38.4

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.94

80000

60000

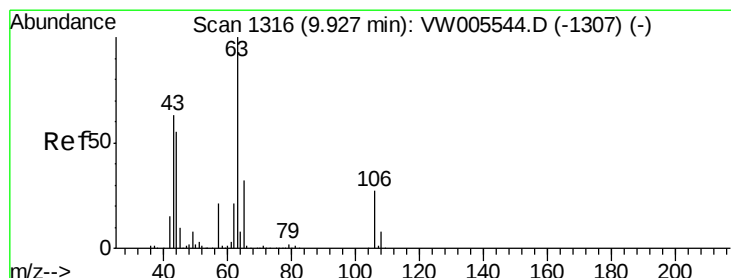
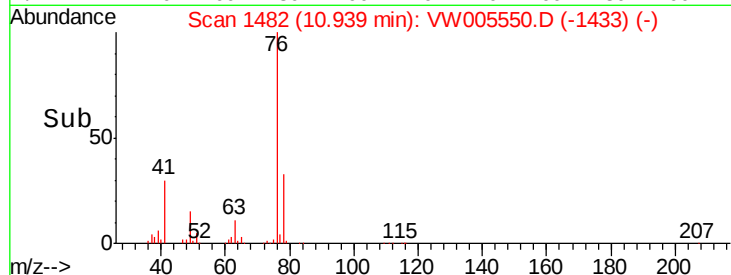
40000

20000

0

10.90 11.00

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 247.409 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VW005550.D

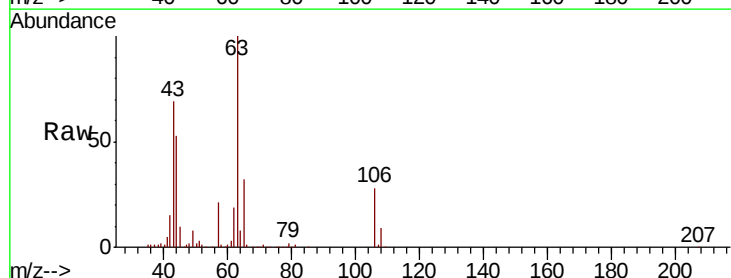
Acq: 21 Sep 2018 10:28

Tgt Ion: 63 Resp: 257991

Ion Ratio Lower Upper

63 100

106 27.6 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.93

150000

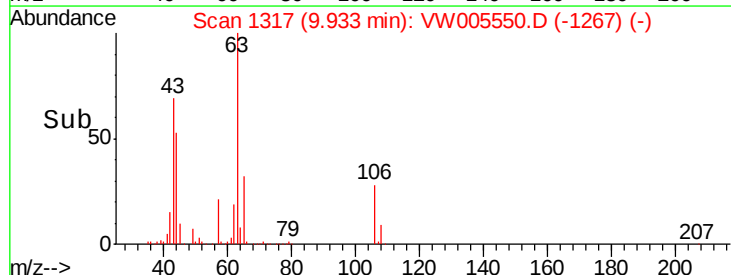
100000

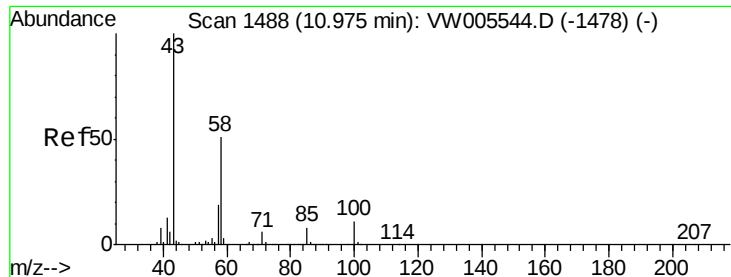
50000

0

9.80 9.90 10.00

Time-->





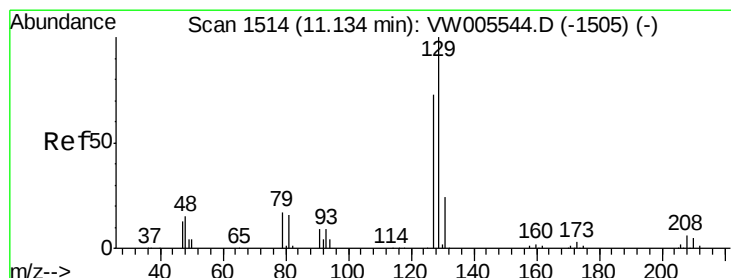
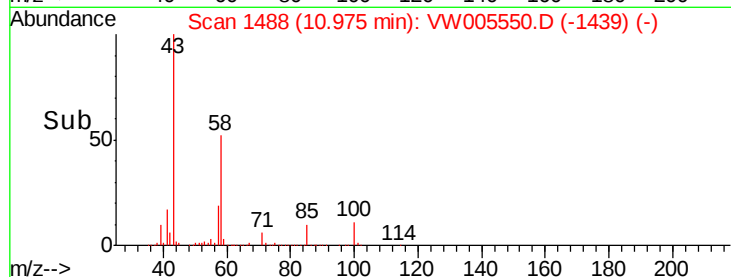
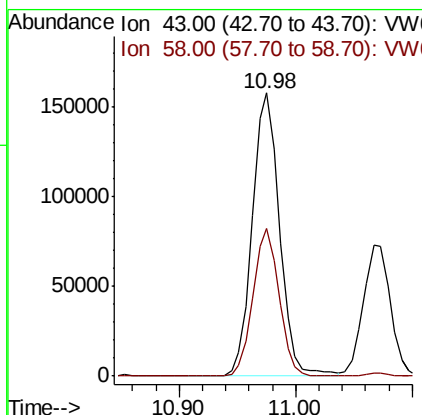
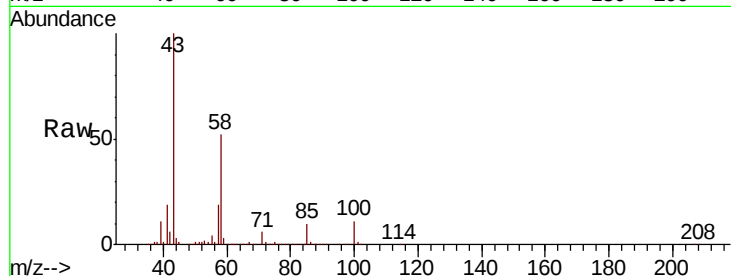
#59
2-Hexanone
Concen: 242.566 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 258828
Ion Ratio Lower Upper
43 100
58 49.9 25.3 75.9

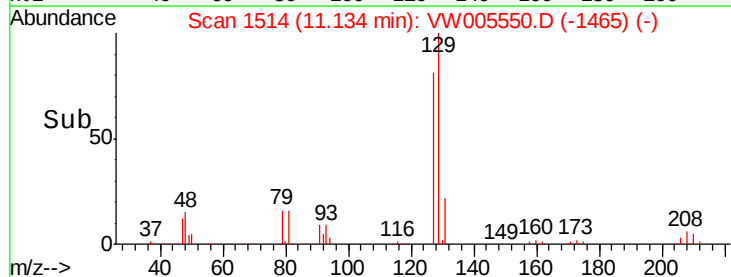
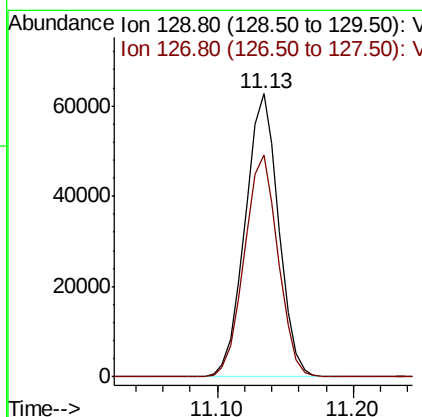
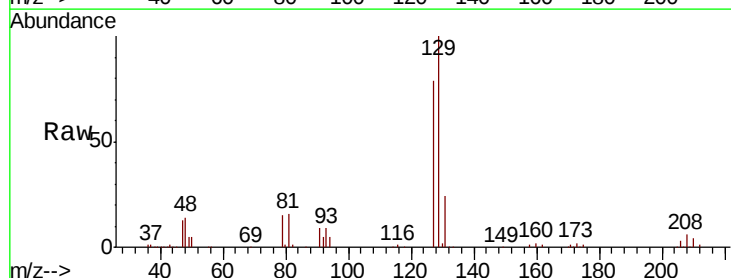
Manual Integrations
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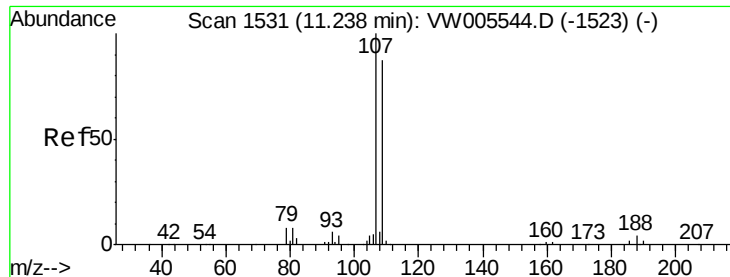
apatel
9/24/2018 9:33:26 AM



#60
Dibromochloromethane
Concen: 47.957 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion: 129 Resp: 107978
Ion Ratio Lower Upper
129 100
127 79.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 47.042 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 81733

Ion Ratio Lower Upper

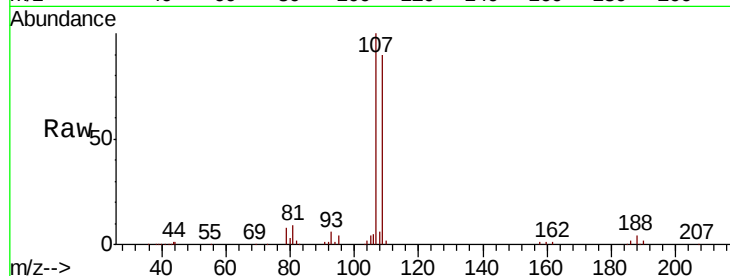
107 100

109 92.9 73.4 110.0

Manual Integrations
APPROVED

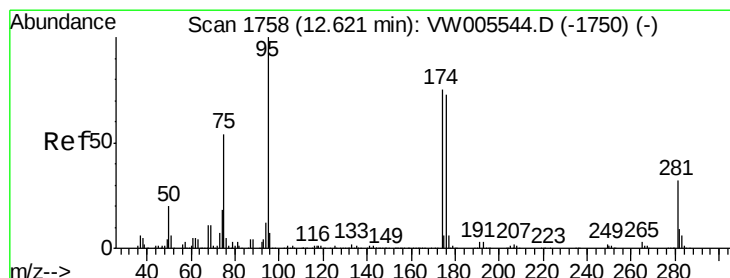
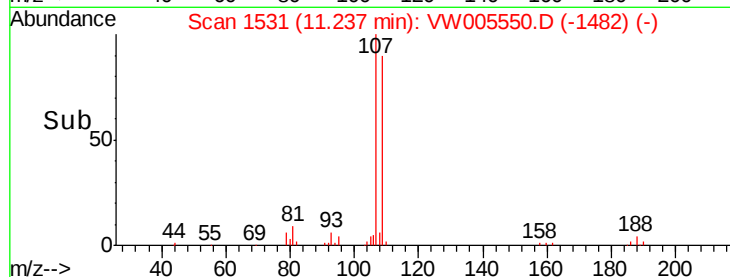
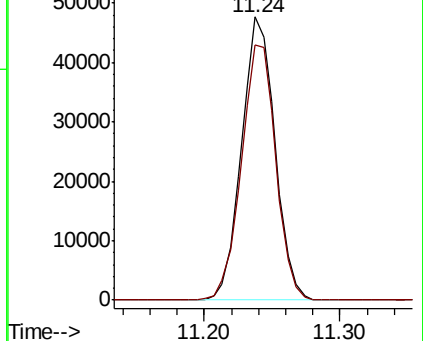
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.113 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

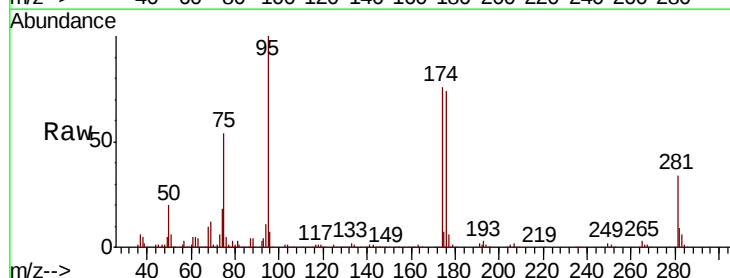
Tgt Ion: 95 Resp: 174237

Ion Ratio Lower Upper

95 100

174 82.5 0.0 163.8

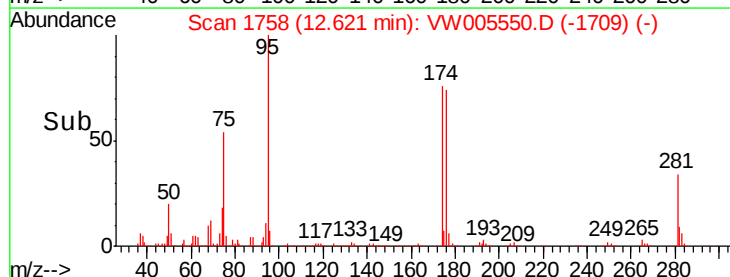
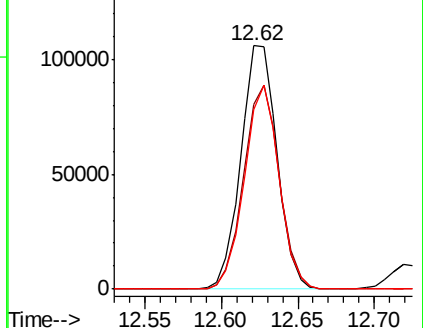
176 80.2 0.0 158.0

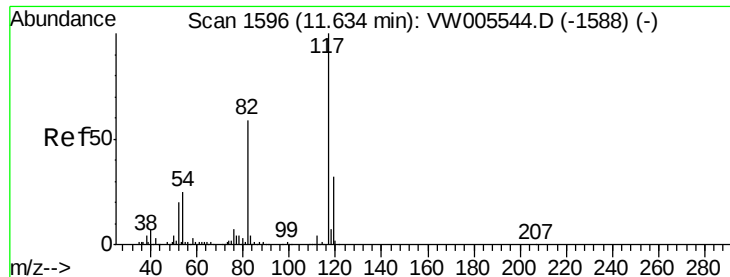


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





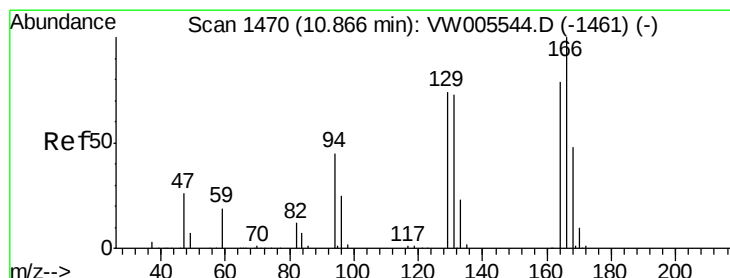
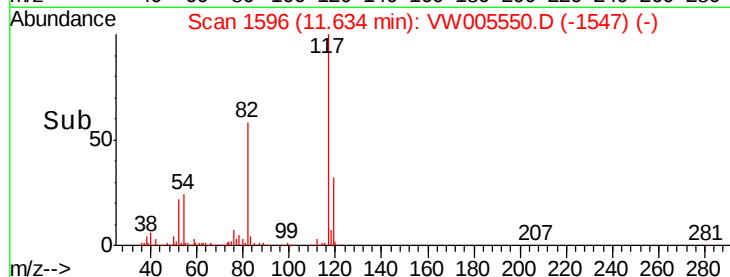
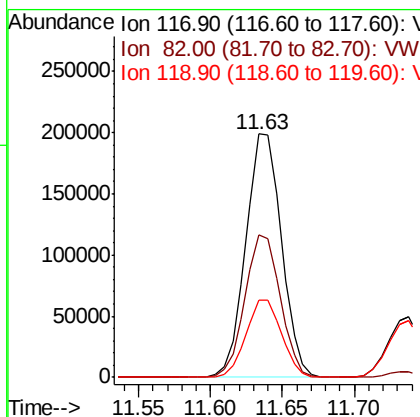
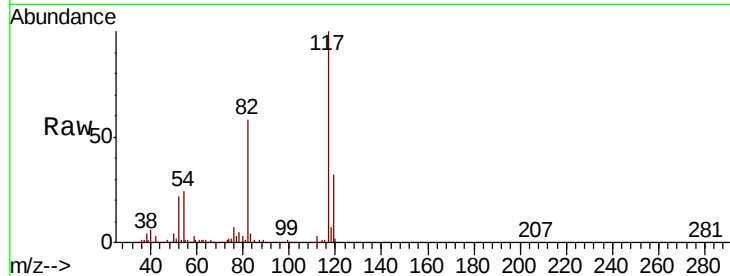
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.9	70.3
119	31.6	25.7	38.5

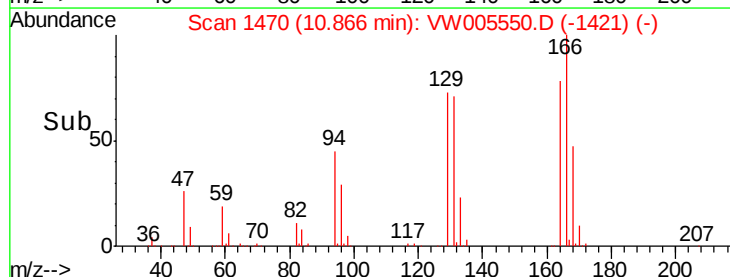
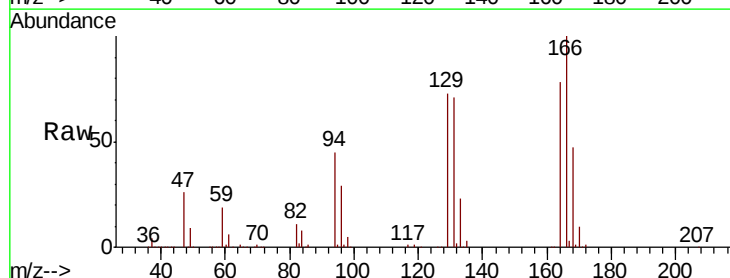
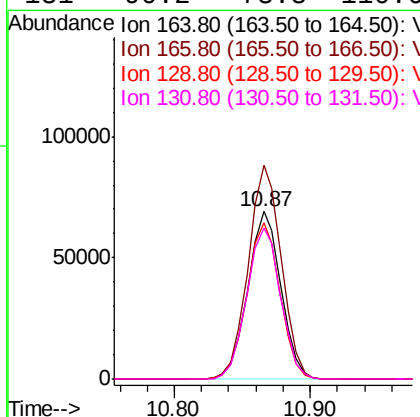
Manual Integrations
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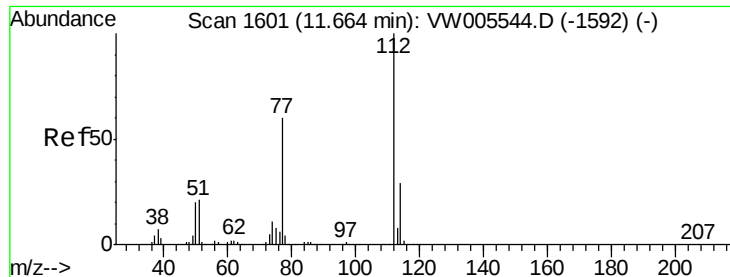
apatel
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#64
Tetrachloroethene
Concen: 48.605 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.1	151.7
129	93.3	74.4	111.6
131	90.2	73.8	110.6





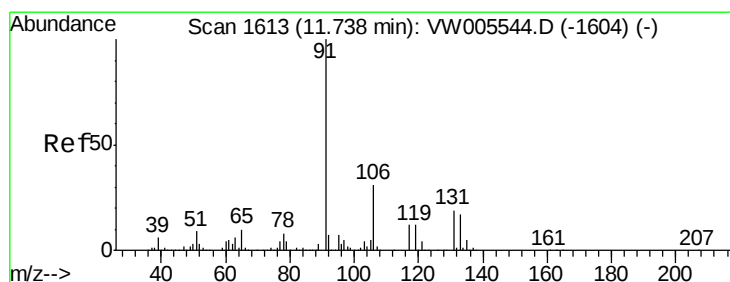
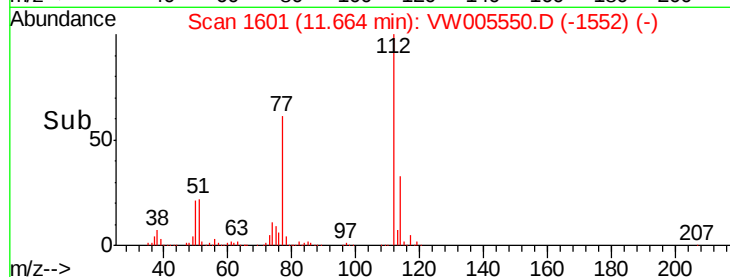
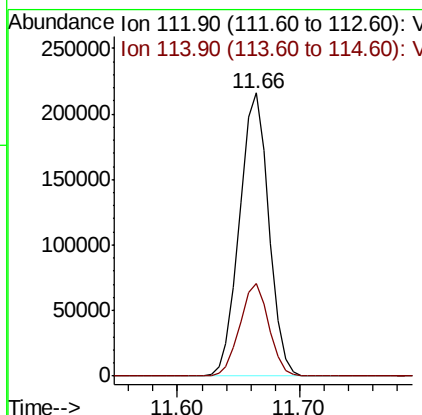
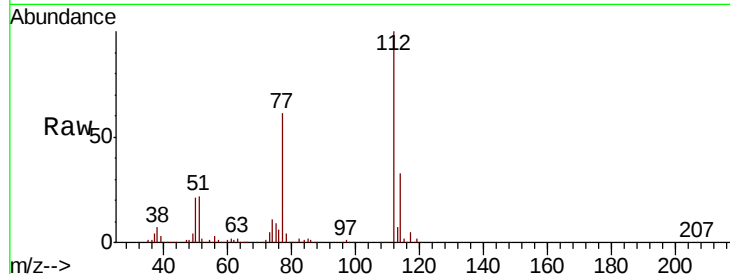
#65
Chlorobenzene
Concen: 49.411 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	358261		
114	32.6	22.9	34.3	

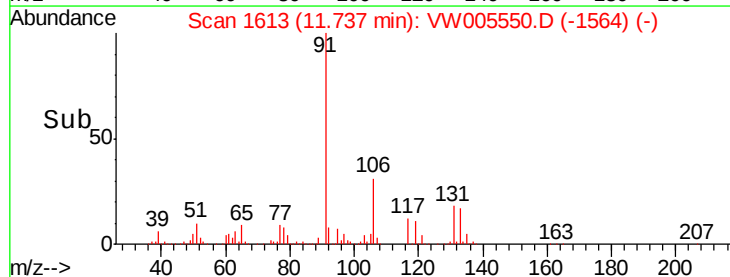
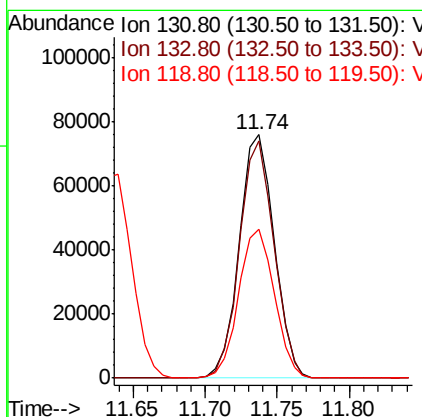
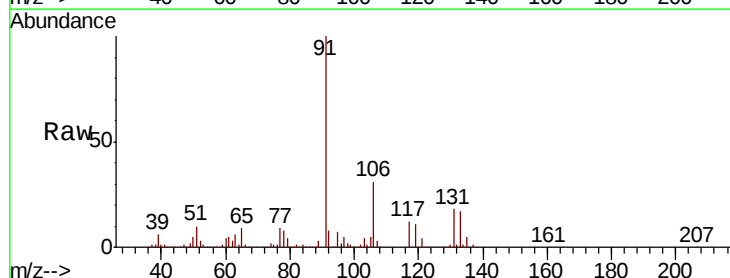
Manual Integrations
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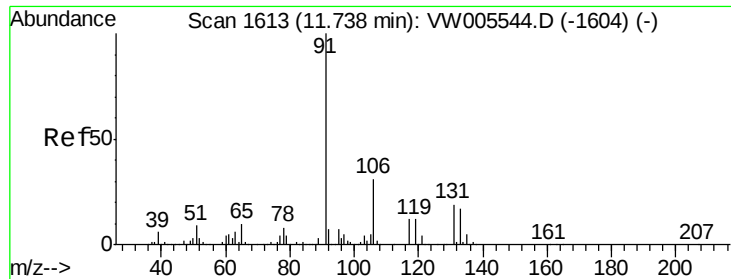
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.110 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	128157		
133	96.3	47.2	141.6	
119	62.4	31.1	93.2	





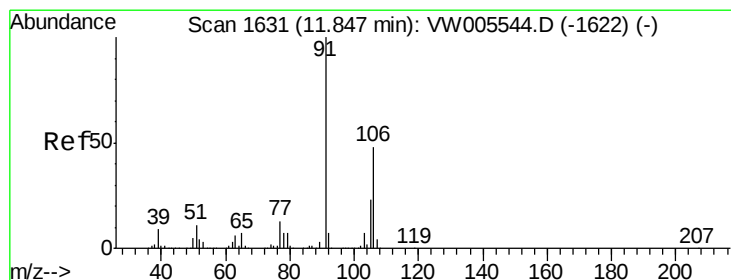
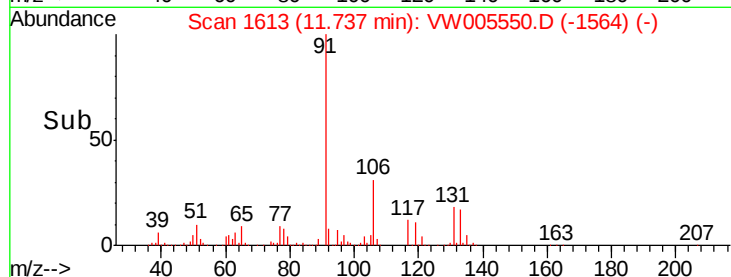
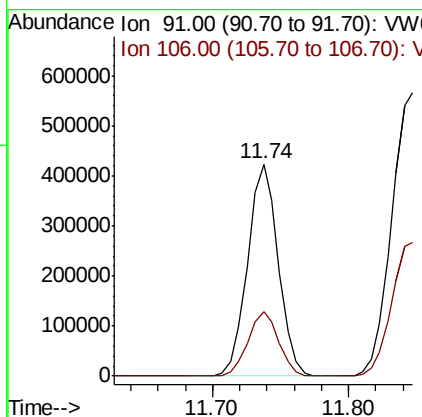
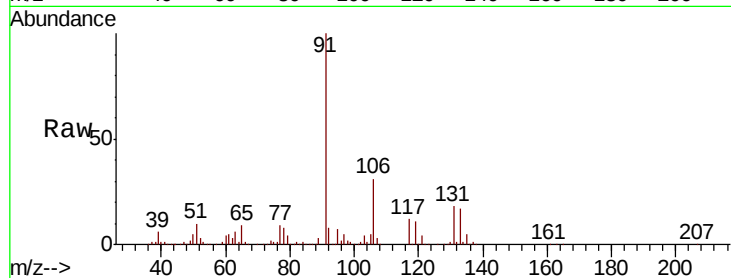
#67
Ethyl Benzene
Concen: 51.868 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.4	36.6

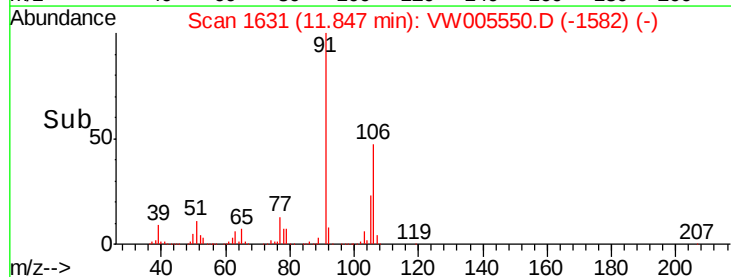
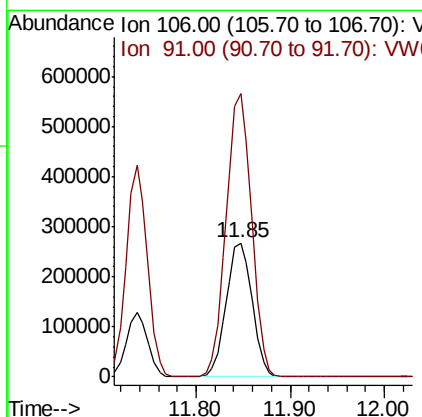
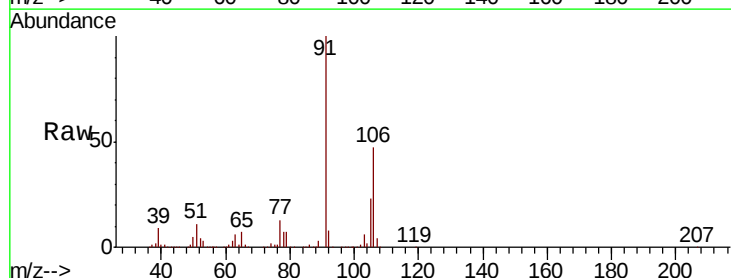
Manual Integrations
APPROVED

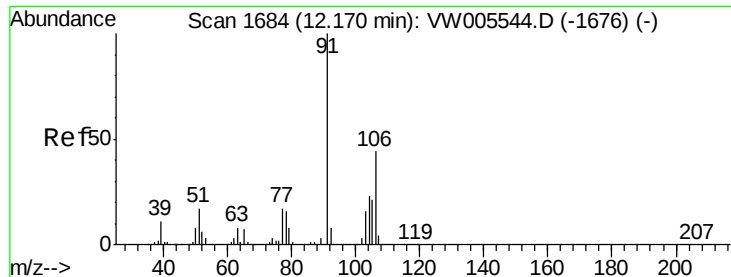
apatel
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#68
m/p-Xylenes
Concen: 104.697 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.4	167.8	251.8





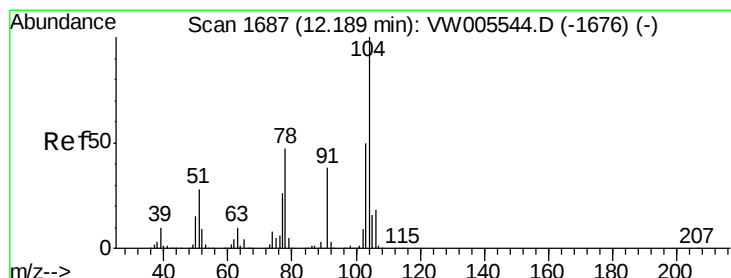
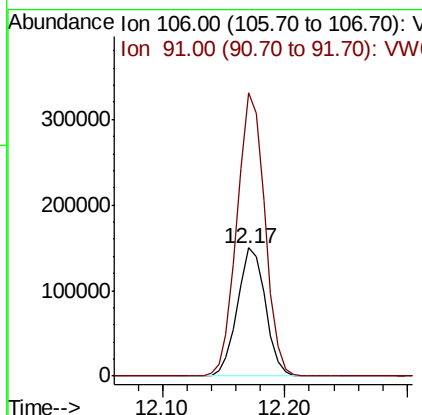
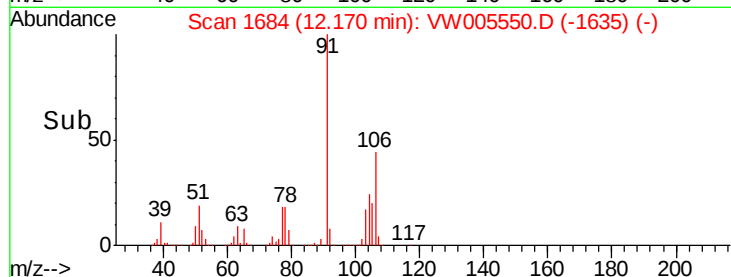
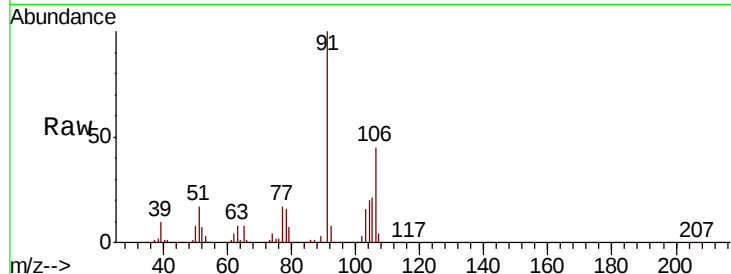
#69
o-Xylene
Concen: 51.966 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.6	111.0	333.0

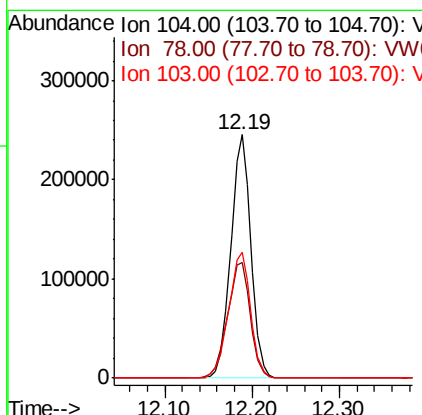
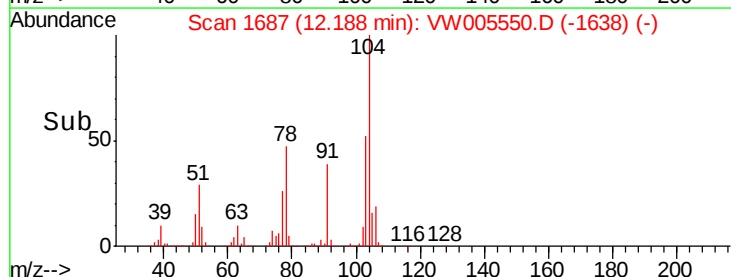
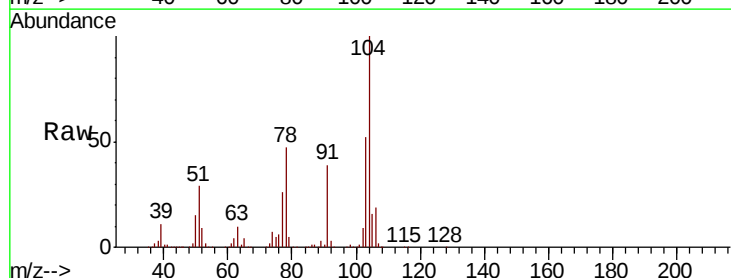
Manual Integrations
APPROVED

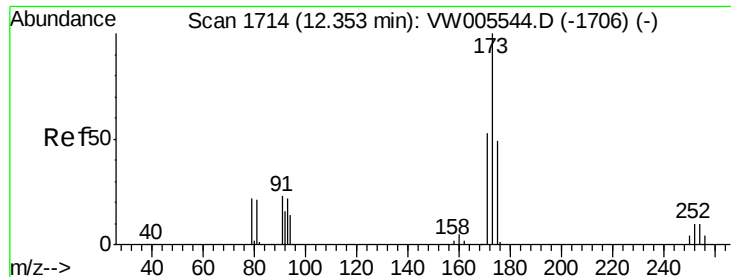
apatel
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#70
Styrene
Concen: 51.304 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.5	42.2	63.4
103	56.5	44.6	66.8





#71

Bromoform

Concen: 46.780 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

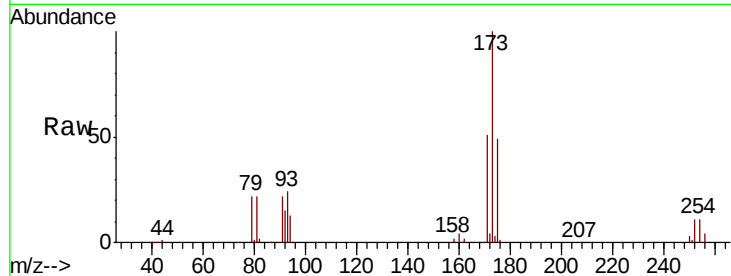
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	72.9
254	0.0	0.1	0.1#

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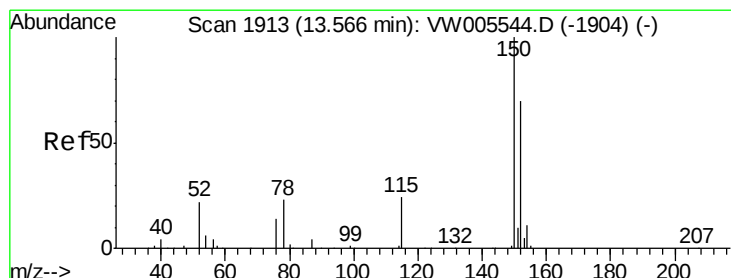
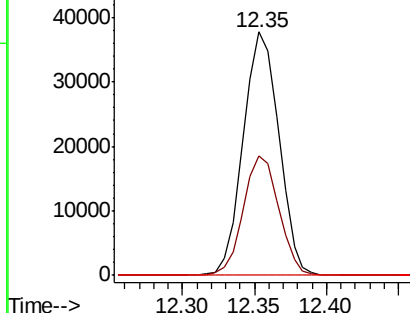
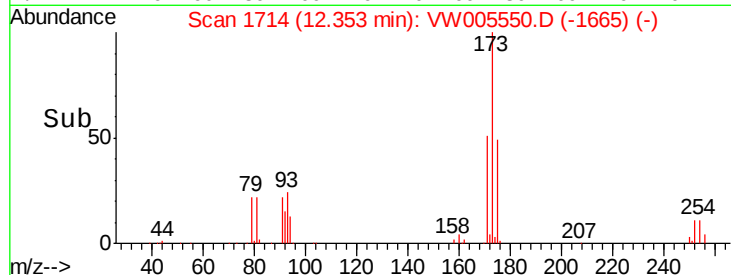


Abundance

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

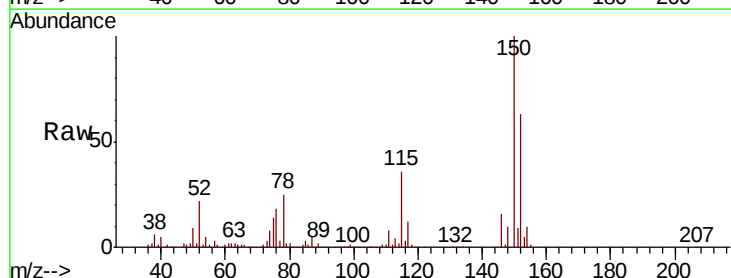
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	30.0	90.0
150	175.8	0.0	348.6

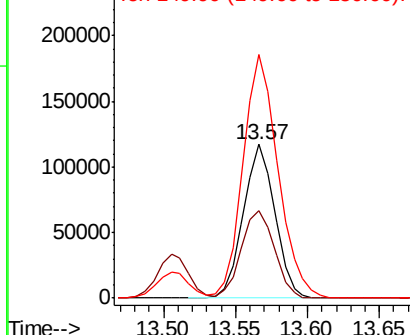
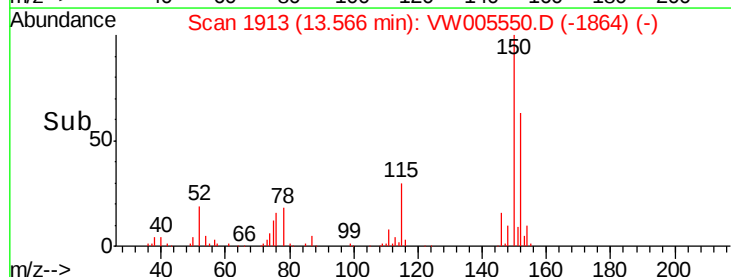


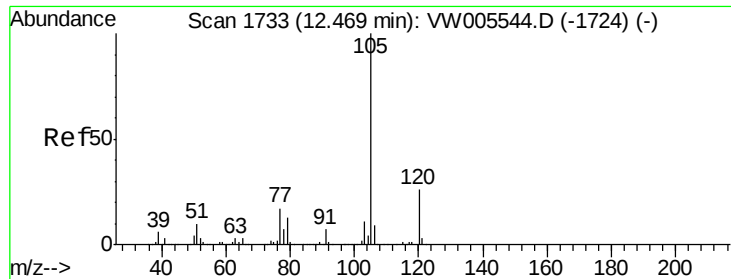
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





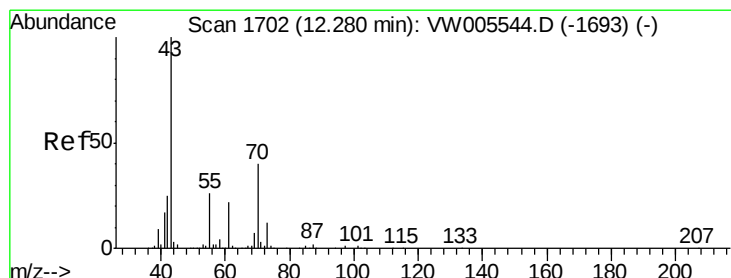
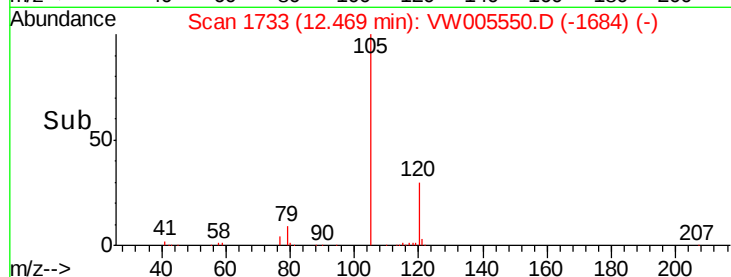
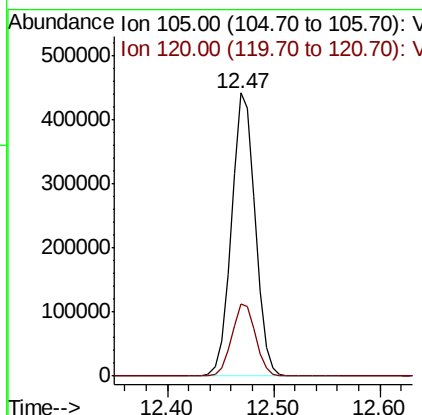
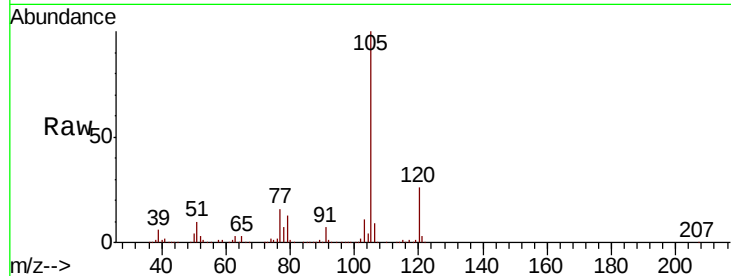
#73
Isopropylbenzene
Concen: 55.773 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.9	38.7

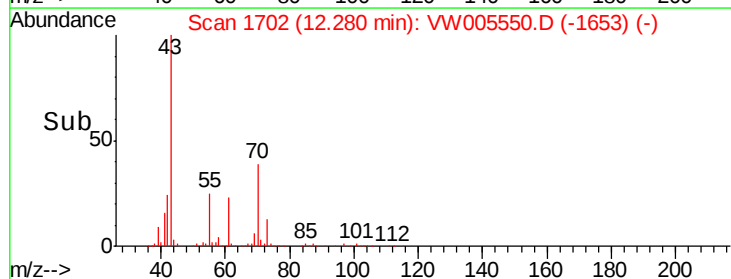
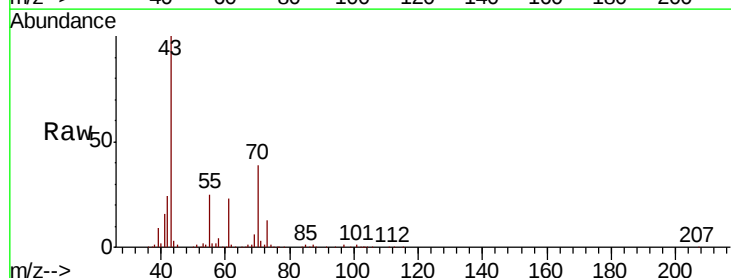
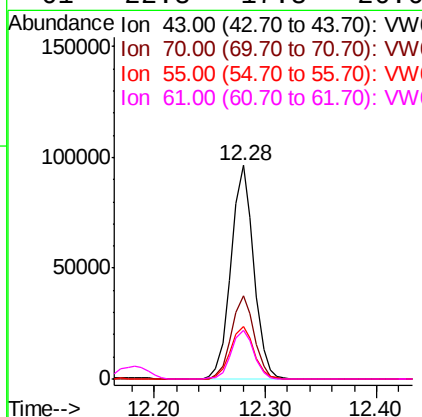
Manual Integrations
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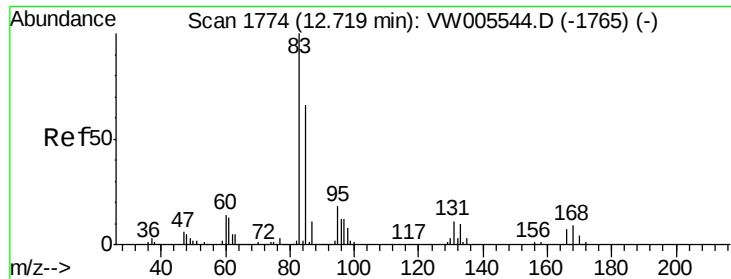
apatel
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#74
N-ethyl acetate
Concen: 48.631 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.2	31.4	47.0
55	25.5	20.9	31.3
61	22.8	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.992 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

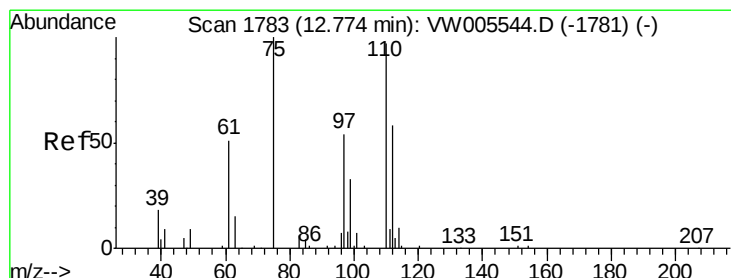
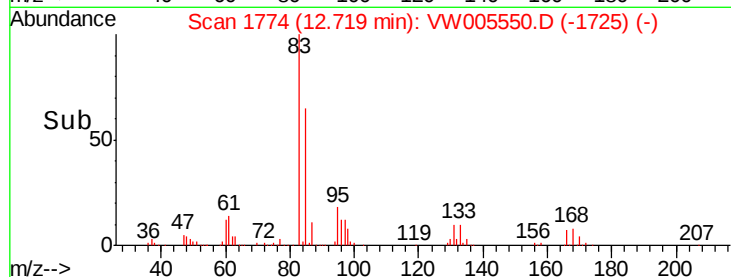
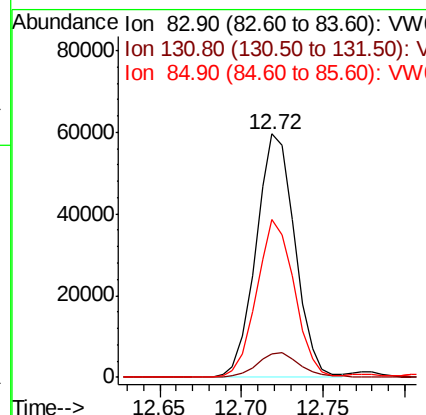
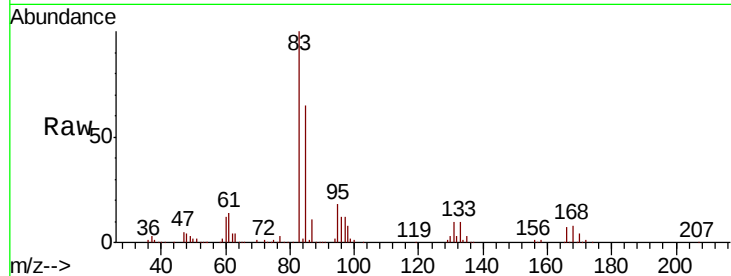
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	98344
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.7
85	63.1	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.680 ug/l m

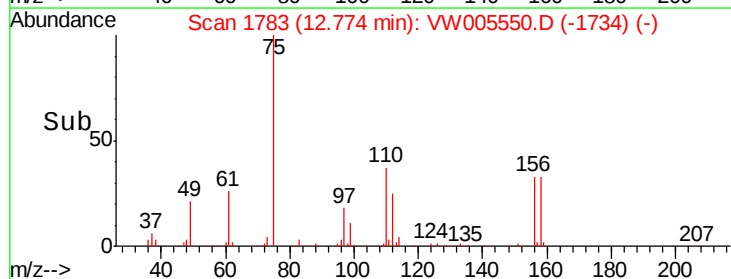
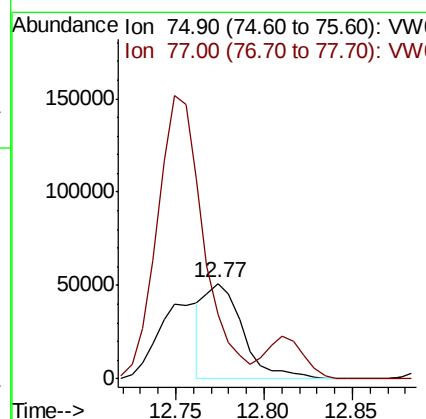
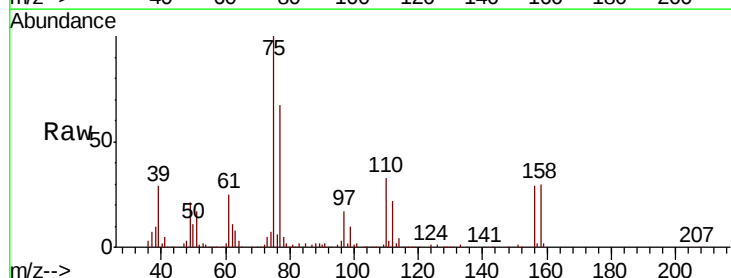
RT: 12.77 min Scan# 1783

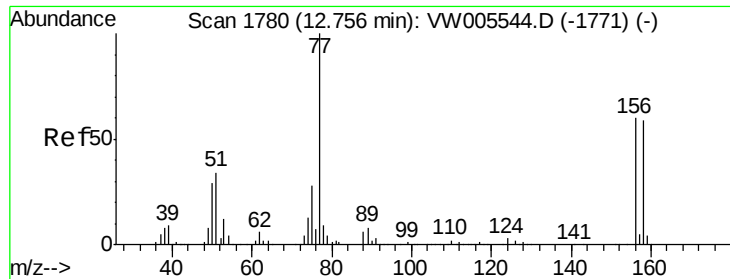
Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Tgt Ion:	75	Resp:	76854
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





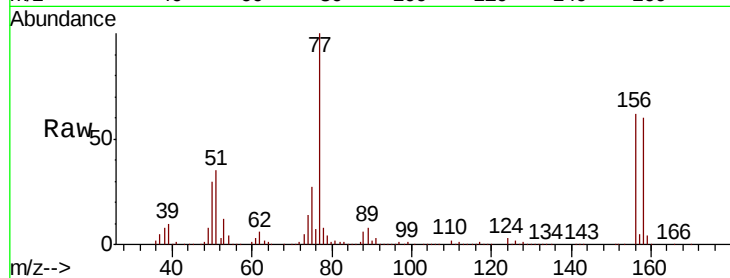
#77
Bromobenzene
Concen: 51.484 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	185.7	94.7	284.1
158	96.8	48.0	144.2

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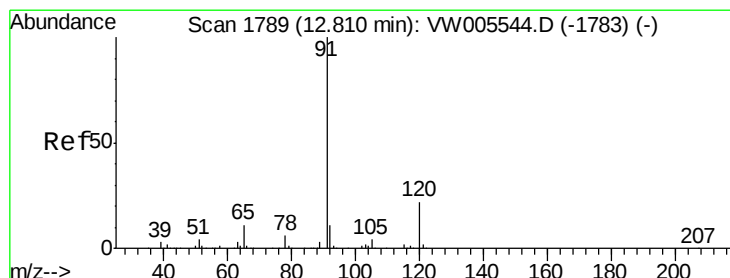
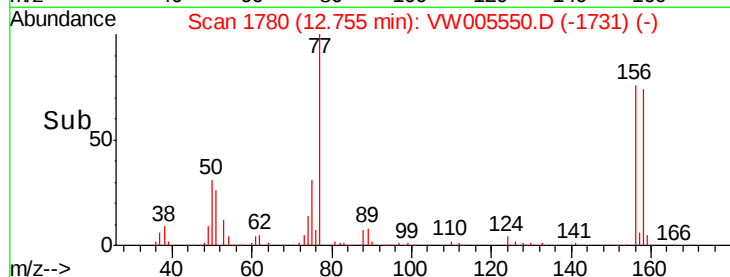
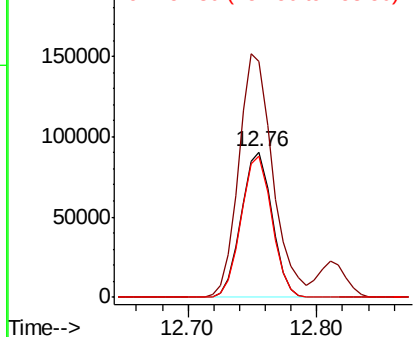


Abundance

Ion 155.80 (155.50 to 156.50): V

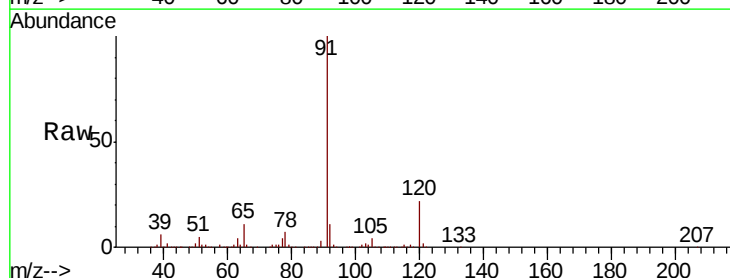
Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78
n-propylbenzene
Concen: 55.535 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

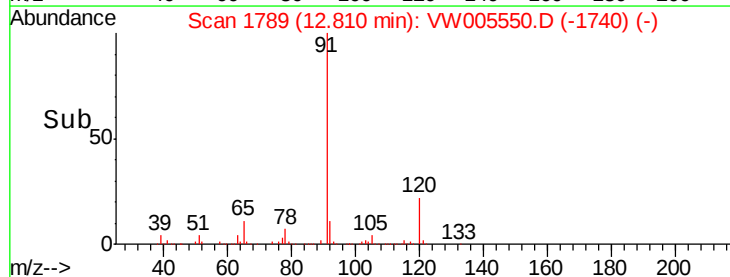
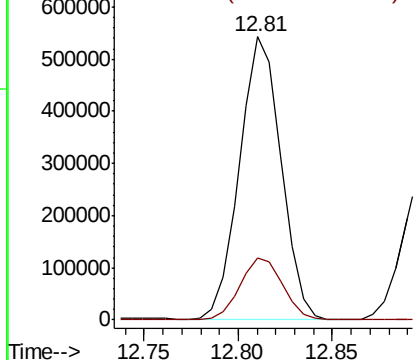
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.2	33.5

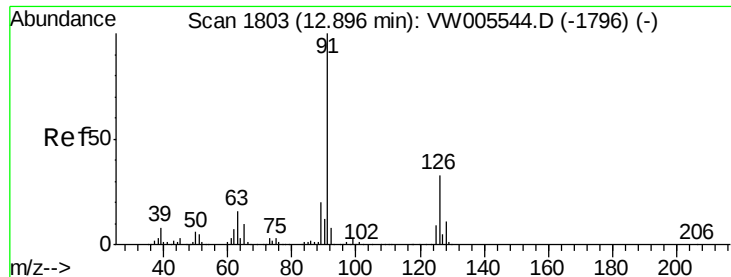


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





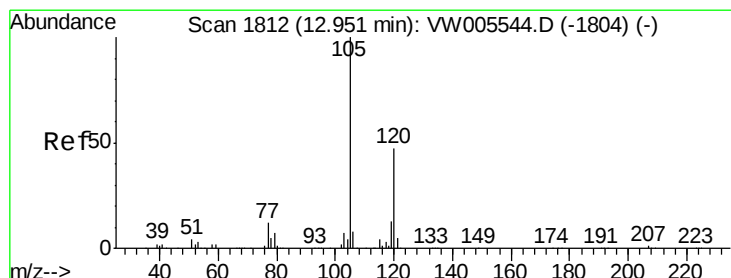
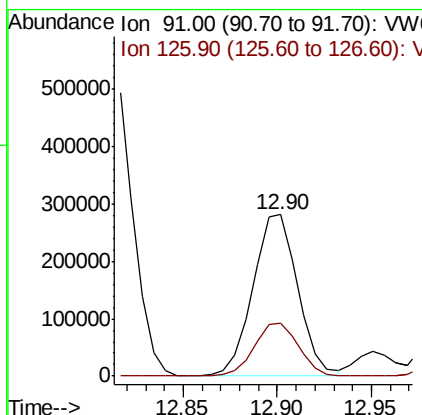
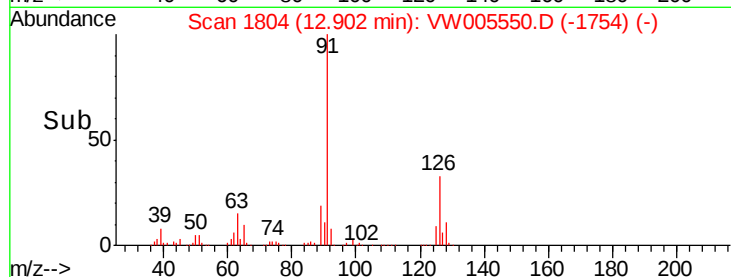
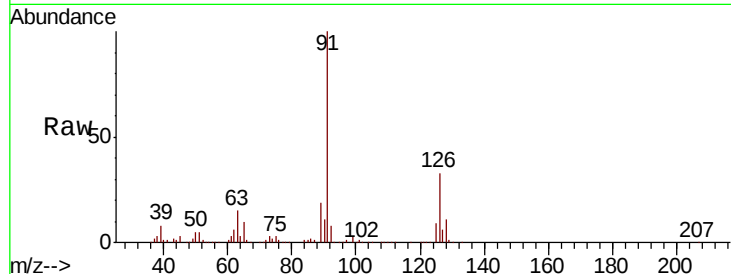
#79
2-Chlorotoluene
Concen: 53.699 ug/l
RT: 12.90 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 464027
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.1

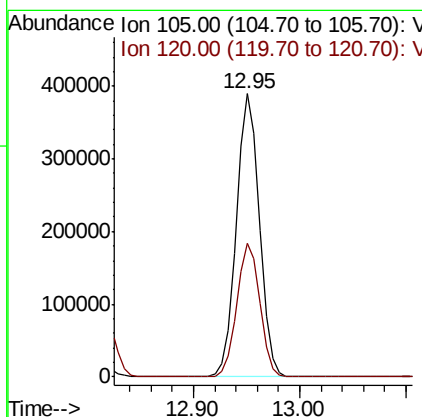
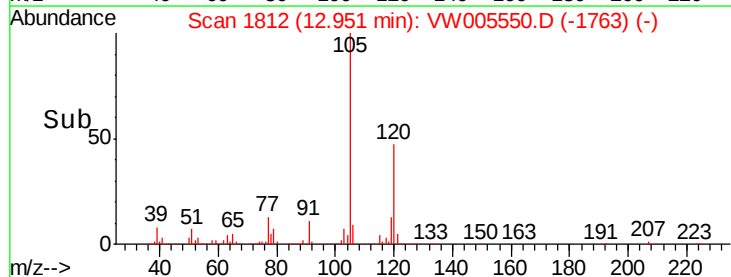
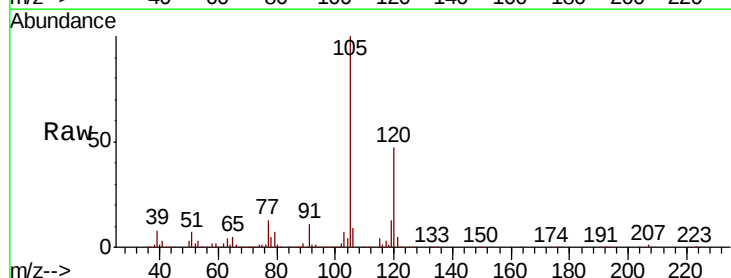
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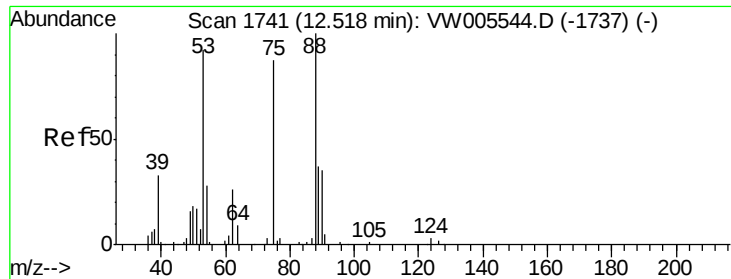
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#80
1,3,5-Trimethylbenzene
Concen: 54.922 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion:105 Resp: 589171
Ion Ratio Lower Upper
105 100
120 47.5 23.6 70.8





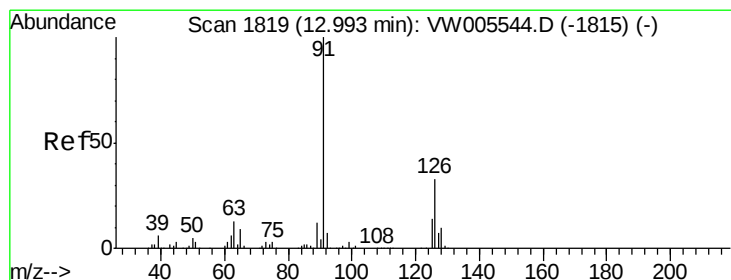
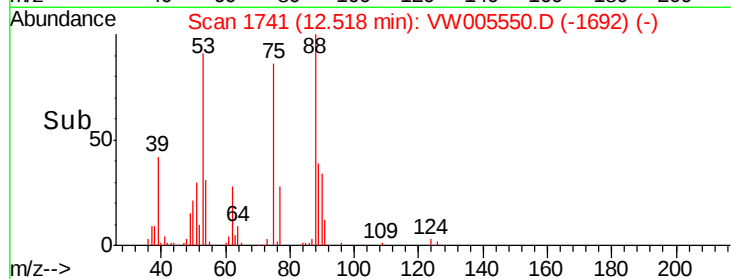
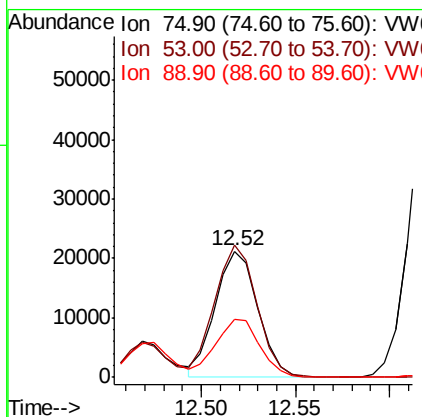
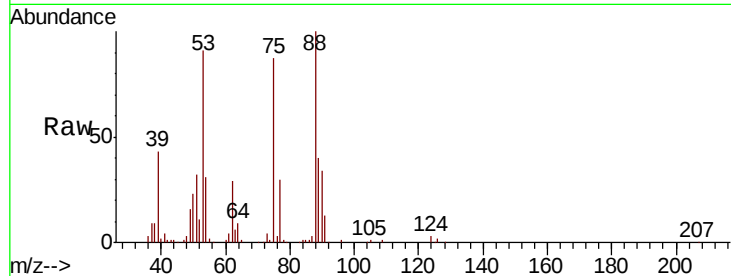
#81
trans-1,4-Dichloro-2-butene
Concen: 49.200 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.7	85.8	128.6
89	48.3	37.3	55.9

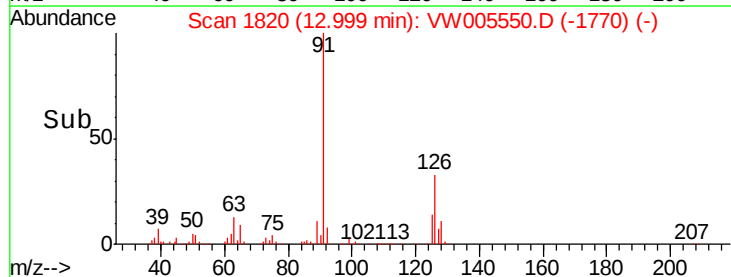
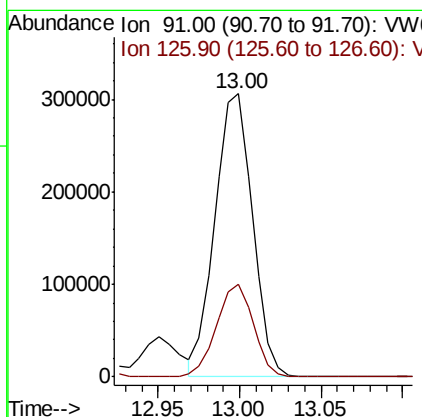
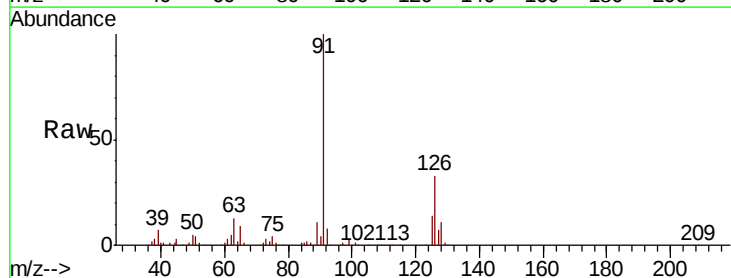
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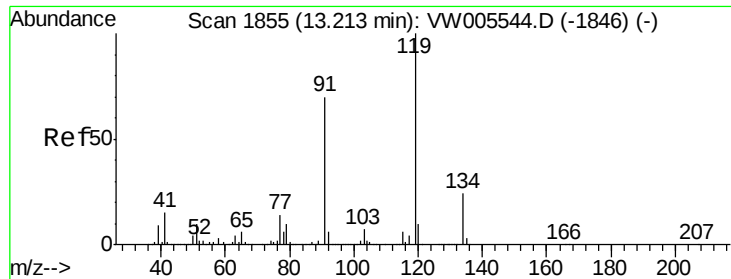
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#82
4-Chlorotoluene
Concen: 53.890 ug/l
RT: 13.00 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.4	49.4





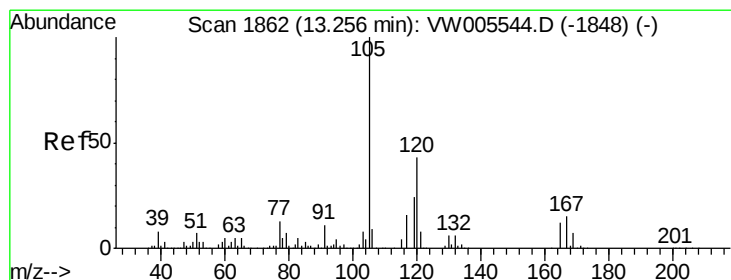
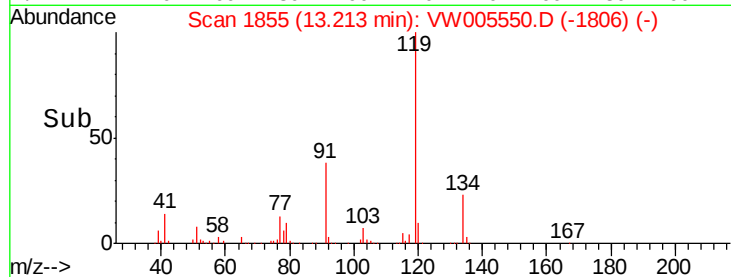
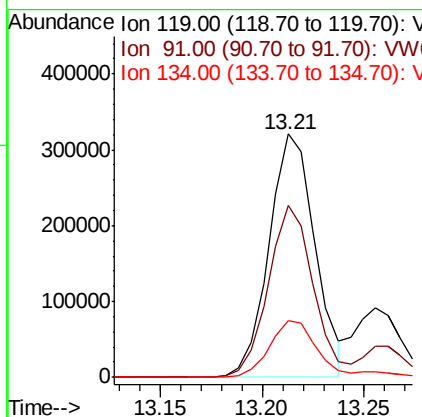
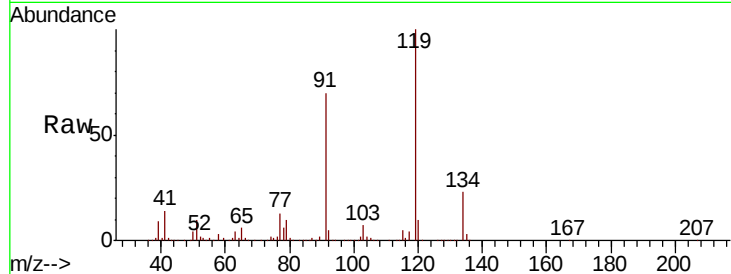
#83
tert-Butylbenzene
Concen: 56.024 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.3	34.6	103.8
134	25.5	12.6	37.6

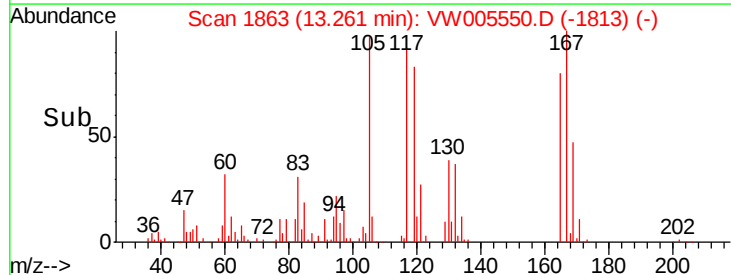
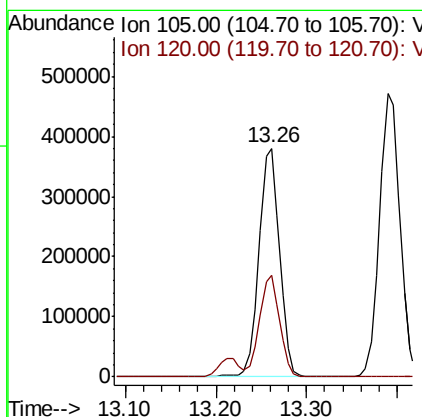
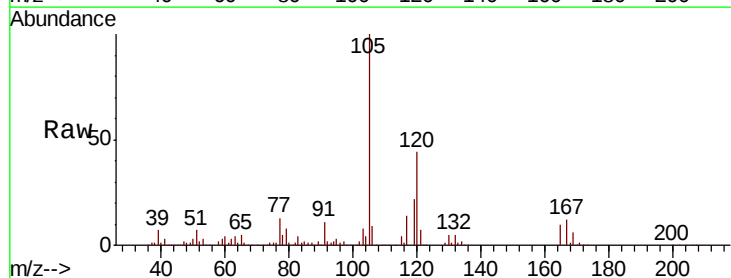
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#84
1,2,4-Trimethylbenzene
Concen: 55.105 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.5	64.5





#85

sec-Butylbenzene

Concen: 56.171 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 734201

Ion Ratio Lower Upper

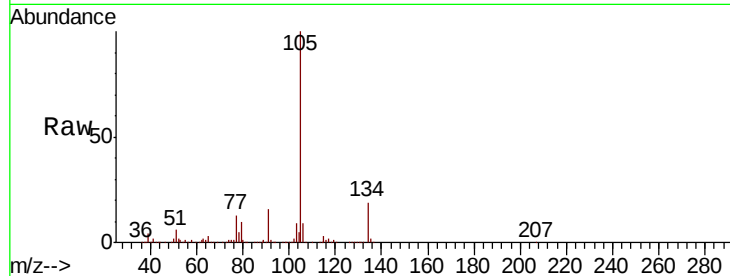
105 100

134 19.7 9.8 29.5

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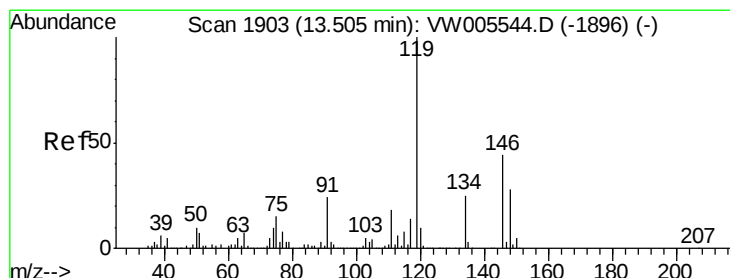
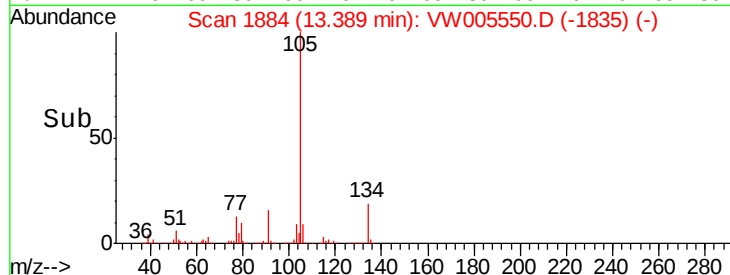
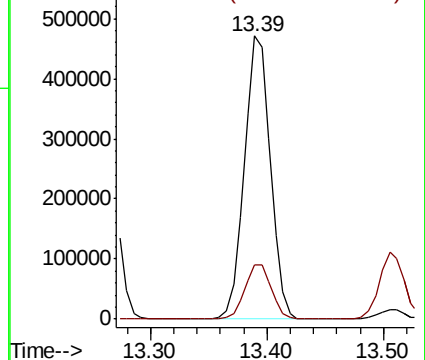
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.342 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

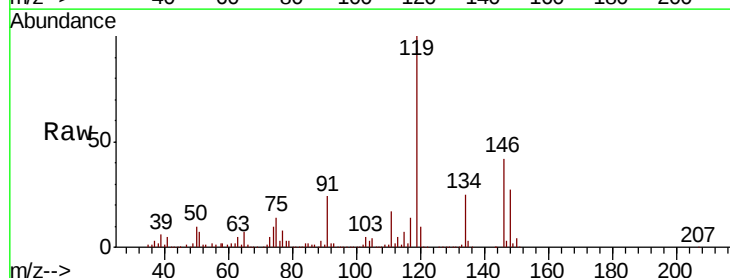
Tgt Ion:119 Resp: 660081

Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.1

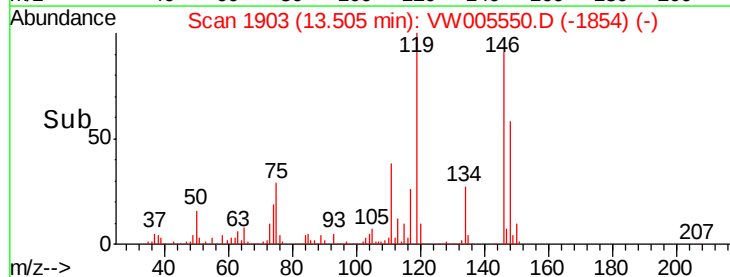
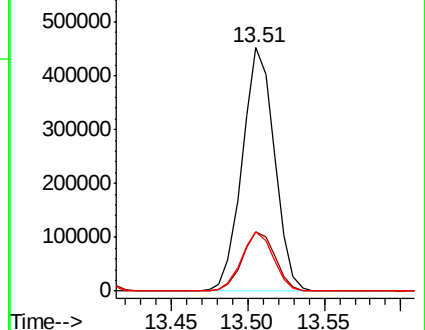
91 24.0 12.2 36.4

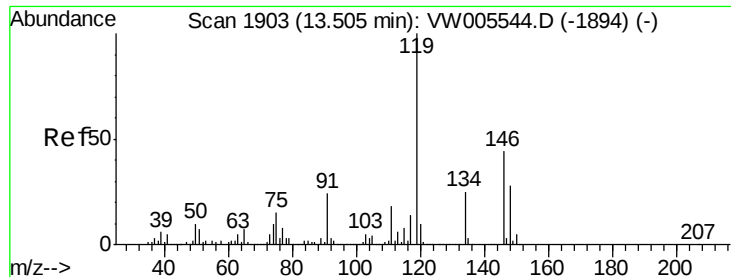


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.263 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

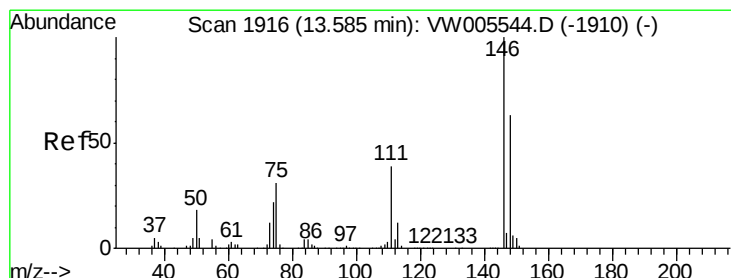
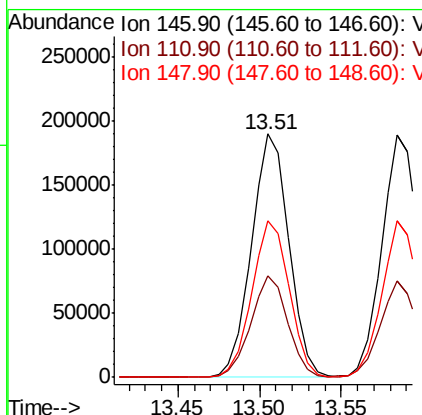
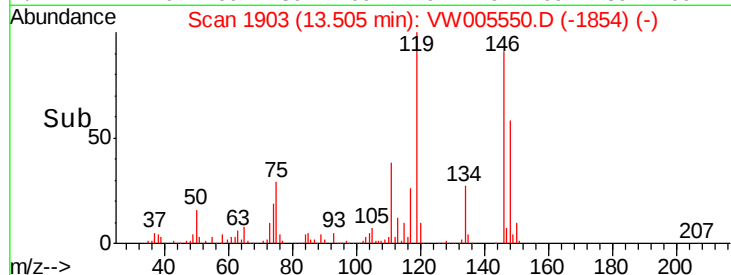
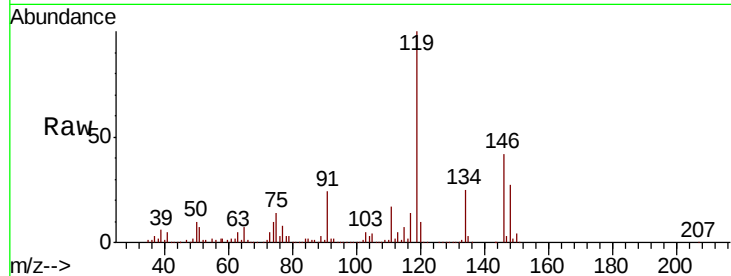
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	60.9
148	64.2	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 50.994 ug/l

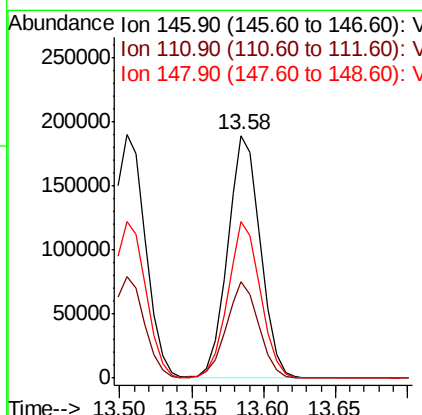
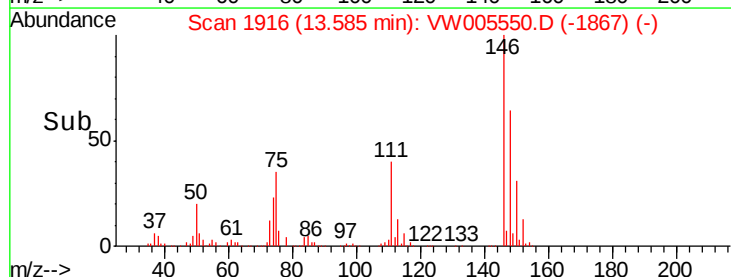
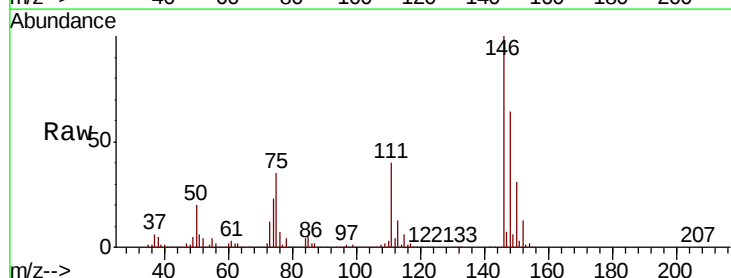
RT: 13.58 min Scan# 1916

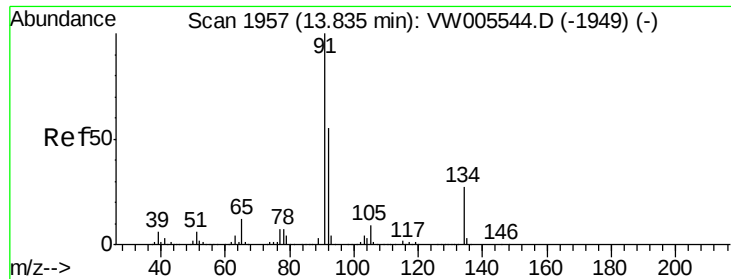
Delta R.T. -0.00 min

Lab File: VW005550.D

Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	64.1	32.1	96.3





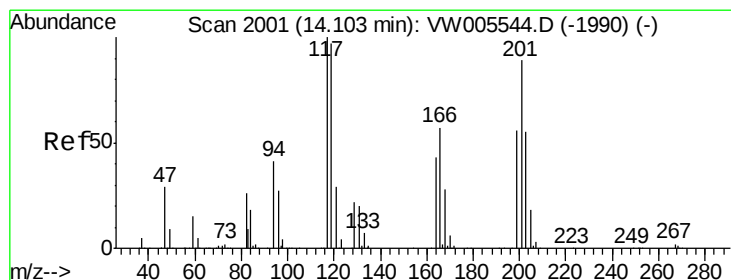
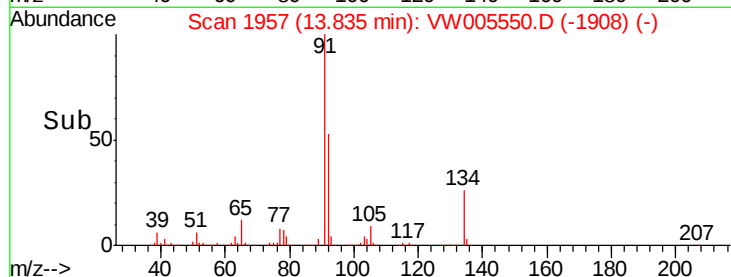
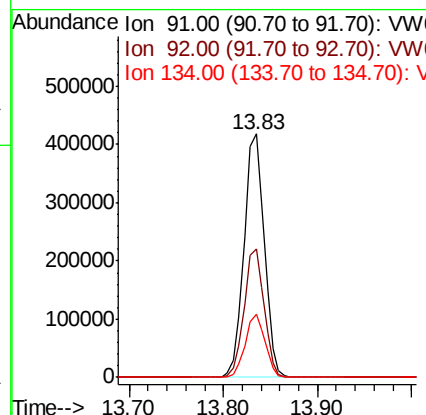
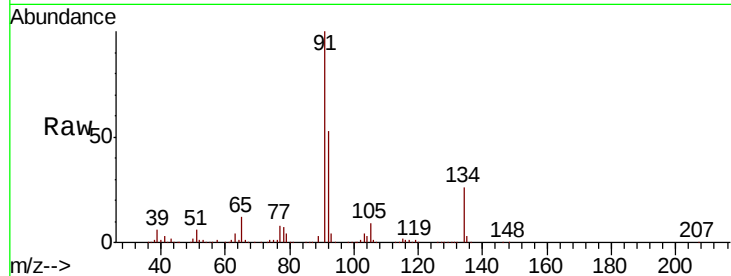
#89
n-Butylbenzene
Concen: 56.482 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.5	79.5
134	25.4	12.9	38.7

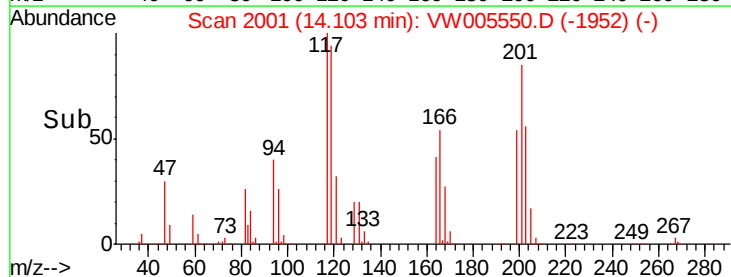
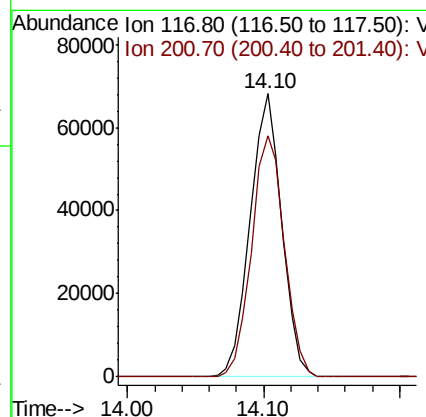
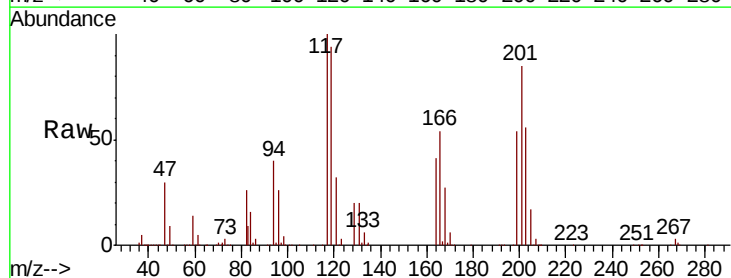
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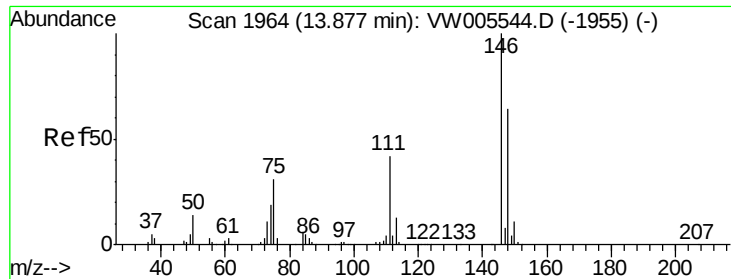
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#90
Hexachloroethane
Concen: 52.311 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.0	42.8	128.3





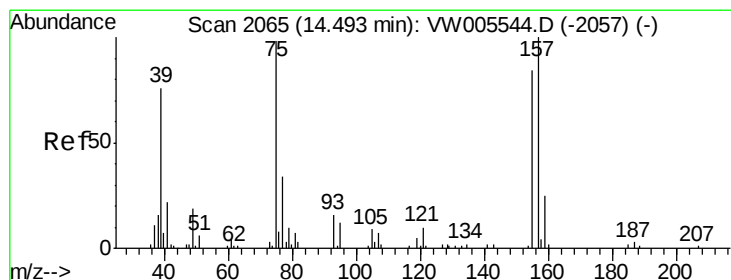
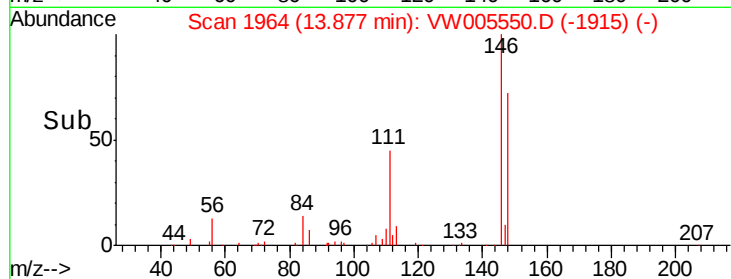
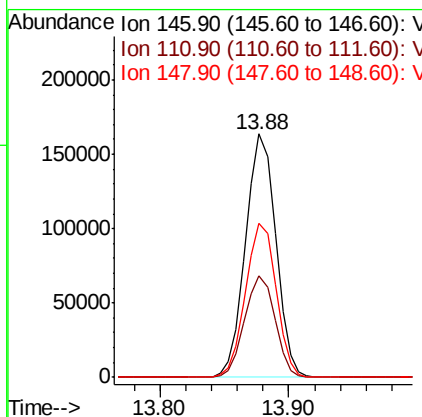
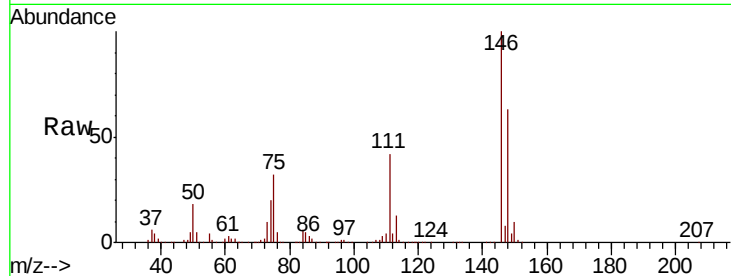
#91
 1,2-Dichlorobenzene
 Concen: 50.943 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.9
148	63.9	32.0	96.2

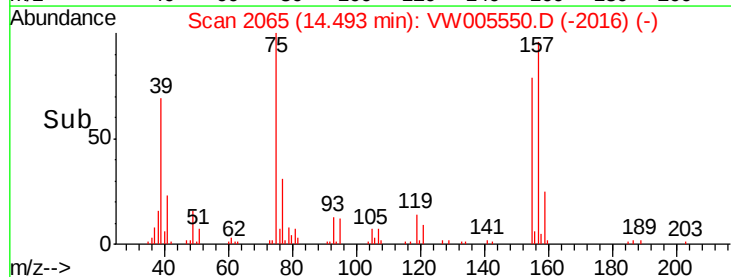
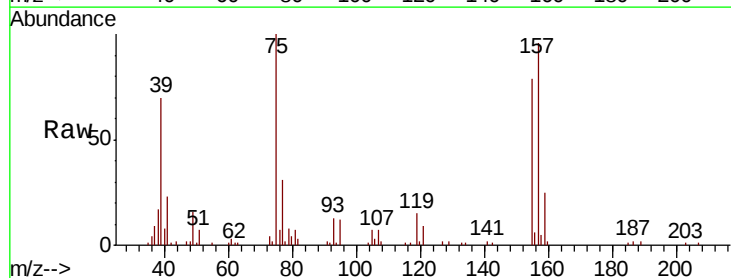
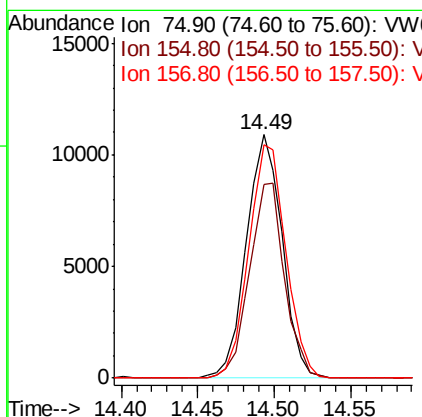
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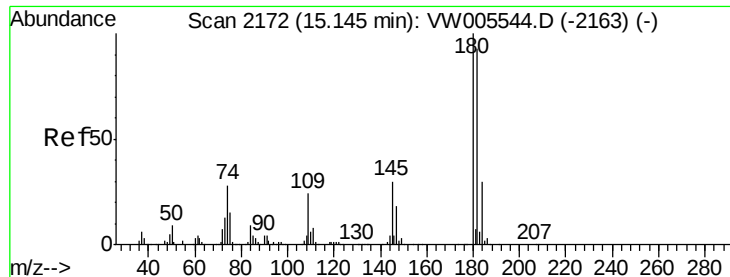
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.492 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	39.1	117.5
157	99.1	50.8	152.4





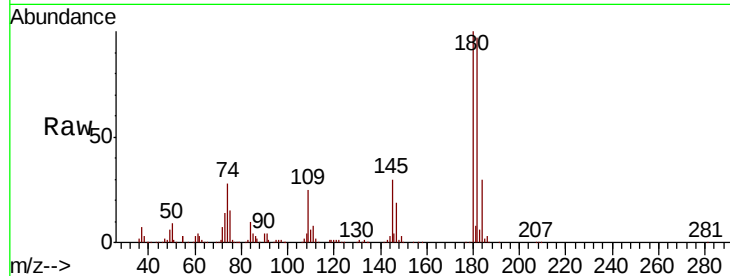
#93
 1,2,4-Trichlorobenzene
 Concen: 52.001 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	193611		
182	95.0	47.7	143.1	
145	30.6	15.0	45.1	

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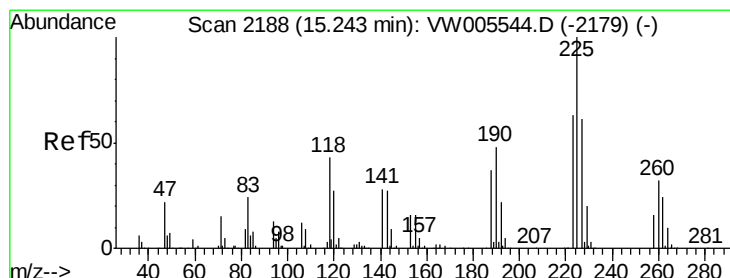
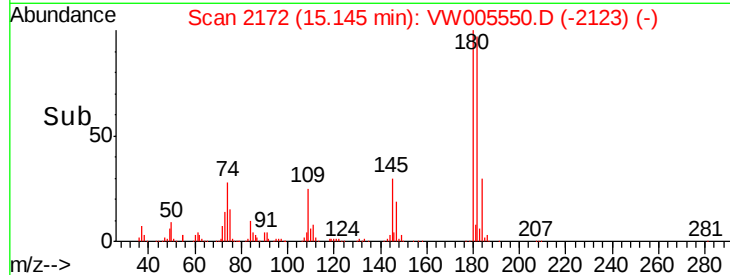
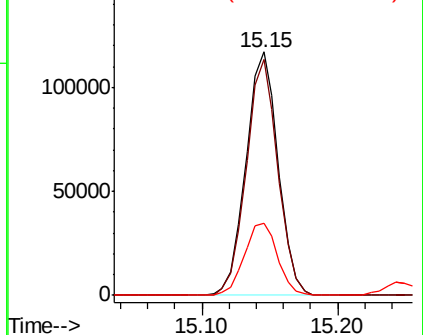


Abundance

Ion 179.80 (179.50 to 180.50): V

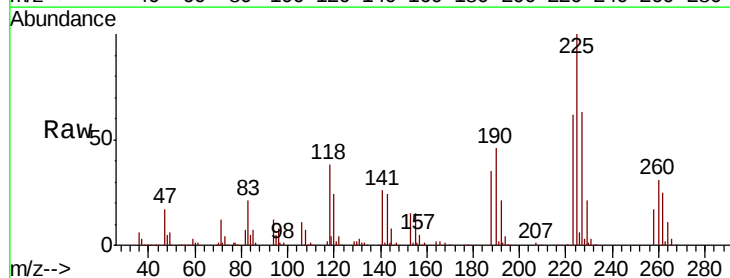
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.372 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005550.D
 Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	126327		
223	63.5	31.1	93.3	
227	64.9	31.8	95.3	

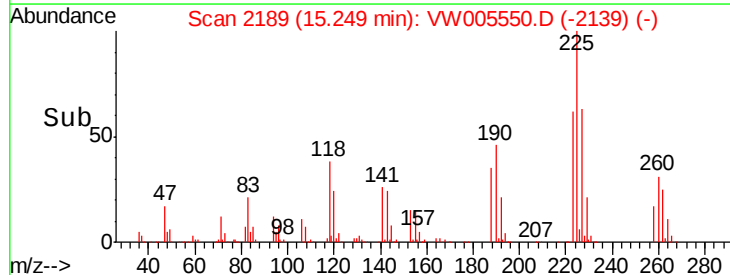
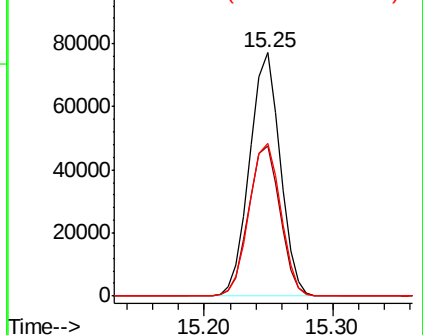


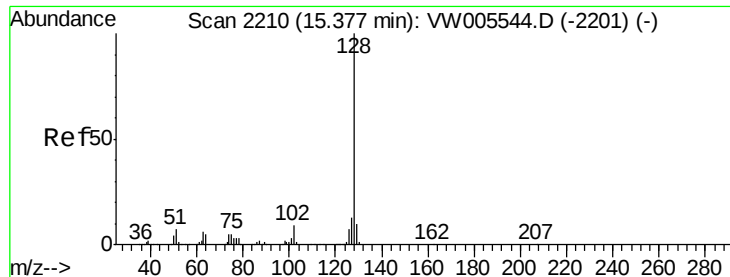
Abundance

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





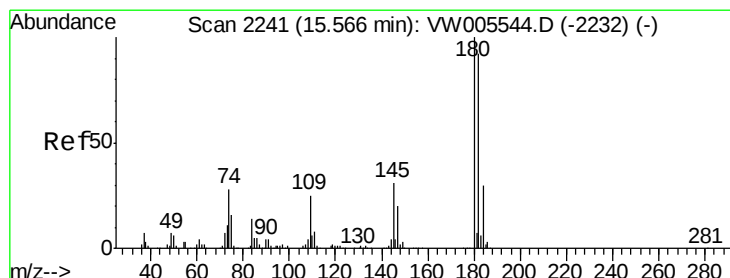
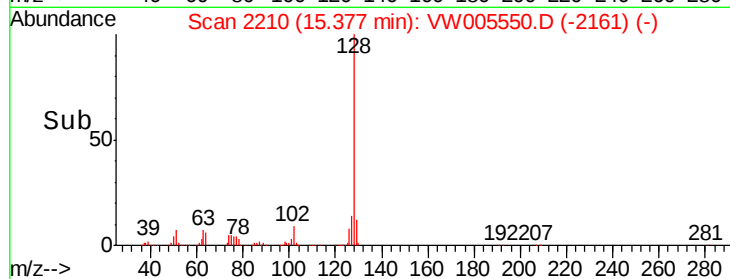
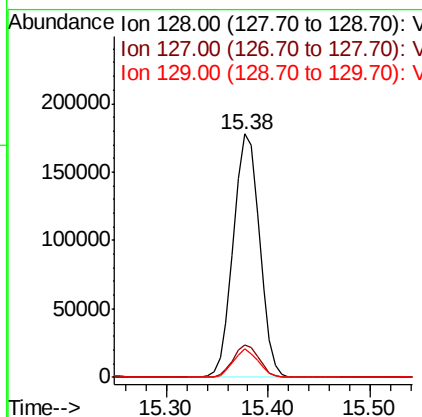
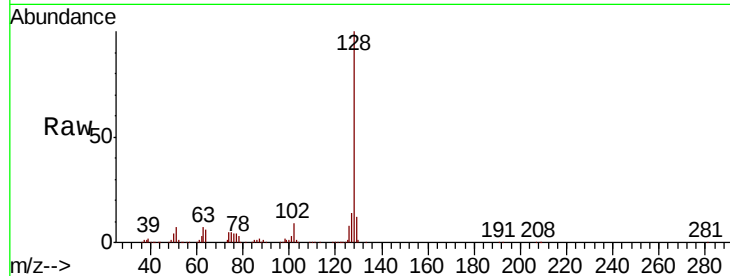
#95
Naphthalene
Concen: 50.587 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	316814		
127	13.2	10.9	16.3	
129	11.0	8.6	13.0	

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#96
1,2,3-Trichlorobenzene
Concen: 50.925 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005550.D
Acq: 21 Sep 2018 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	167096		
182	94.1	47.3	141.9	
145	32.1	16.0	47.9	

