

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV121718\
 Data File : VW007564.D
 Acq On : 15 Dec 2018 05:49
 Operator : SY/AP
 Sample : J6391-03MSD
 Misc : 4.82G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MSD

Manual Integrations
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 12/17/2018 1:45:38 PM

Quant Time: Dec 15 19:43:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	36840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	64004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	44873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	12496	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	29165	71.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.72%	
35) Dibromofluoromethane	7.88	113	24163	62.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.74%	
50) Toluene-d8	10.32	98	66875	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
62) 4-Bromofluorobenzene	12.62	95	17457	32.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12996	50.482	ug/l	96
3) Chloromethane	2.21	50	11948	55.415	ug/l	97
4) Vinyl Chloride	2.37	62	13537	53.501	ug/l	99
5) Bromomethane	2.78	94	10111	59.476	ug/l	94
6) Chloroethane	2.93	64	8561	61.466	ug/l	89
7) Trichlorofluoromethane	3.26	101	12603	55.403	ug/l	98
8) Diethyl Ether	3.68	74	15138	85.025	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	15499	41.292	ug/l	95
10) Methyl Iodide	4.26	142	32937	52.983	ug/l	97
11) Tert butyl alcohol	5.17	59	11845	421.985	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	19020	52.630	ug/l	99
13) Acrolein	3.89	56	1043	56.155	ug/l	96
14) Allyl chloride	4.67	41	31914	59.910	ug/l	98
15) Acrylonitrile	5.36	53	25121	334.700	ug/l	97
16) Acetone	4.12	43	30203	423.073	ug/l #	89
17) Carbon Disulfide	4.37	76	51082	46.618	ug/l	99
18) Methyl Acetate	4.67	43	40852	210.840	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	51144	93.811	ug/l	99
20) Methylene Chloride	4.91	84	30219	79.736	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	23264	57.546	ug/l	96
22) Diisopropyl ether	6.31	45	78501	76.667	ug/l	96
23) Vinyl Acetate	6.31	43	46153	80.587	ug/l #	74
24) 1,1-Dichloroethane	6.22	63	44594	64.440	ug/l	98
25) 2-Butanone	7.17	43	34073	365.593	ug/l	95
26) 2,2-Dichloropropane	7.17	77	25138	54.887	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	27802	62.807	ug/l	99
28) Bromochloromethane	7.51	49	18425	70.783	ug/l	97
29) Tetrahydrofuran	7.53	42	26455	448.380	ug/l	97
30) Chloroform	7.68	83	49218	65.355	ug/l	99
31) Cyclohexane	7.96	56	16696	26.296	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	35681	54.029	ug/l	99
36) 1,1-Dichloropropene	8.08	75	25846	44.267	ug/l	98
37) Ethyl Acetate	7.25	43	5506	25.354	ug/l #	77
38) Carbon Tetrachloride	8.07	117	29208	45.976	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	11101	15.702	ug/l	87
40) Benzene	8.32	78	91568	56.512	ug/l	99
41) Methacrylonitrile	7.50	41	6789m	54.899	ug/l	
42) 1,2-Dichloroethane	8.40	62	37955	74.569	ug/l	100
43) Isopropyl Acetate	8.43	43	16101	37.535	ug/l #	84
44) Trichloroethene	9.09	130	22128	47.824	ug/l	99
45) 1,2-Dichloropropane	9.37	63	23872	63.665	ug/l	96
46) Dibromomethane	9.46	93	15904	74.689	ug/l	96
47) Bromodichloromethane	9.65	83	35737	63.983	ug/l	94
48) Methyl methacrylate	9.44	41	16862	76.539	ug/l	97
49) 1,4-Dioxane	9.45	88	5696	1648.607	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	82536	407.217	ug/l	100
52) Toluene	10.39	92	51006	48.642	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	33976	62.658	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	36947	58.942	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	21003	72.472	ug/l	98
56) Ethyl methacrylate	10.65	69	6699	19.231	ug/l #	73
57) 1,3-Dichloropropane	10.93	76	34663	72.871	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	41298	257.093	ug/l	99
59) 2-Hexanone	10.97	43	48061	355.615	ug/l	98
60) Dibromochloromethane	11.13	129	23402	63.986	ug/l	97
61) 1,2-Dibromoethane	11.24	107	20600	71.928	ug/l	92
64) Tetrachloroethene	10.87	164	11838	36.685	ug/l	96
65) Chlorobenzene	11.66	112	48242	51.579	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	21922	66.549	ug/l	98
67) Ethyl Benzene	11.73	91	73889	45.950	ug/l	92
68) m/p-Xylenes	11.84	106	55147	88.216	ug/l	99
69) o-Xylene	12.17	106	27993	47.947	ug/l	94
70) Styrene	12.18	104	45478	48.226	ug/l	96
71) Bromoform	12.35	173	11823	70.122	ug/l #	95
73) Isopropylbenzene	12.47	105	56027	58.514	ug/l	100
74) N-amyl acetate	12.28	43	3174	18.240	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	18860	132.990	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	16167m	156.911	ug/l	
77) Bromobenzene	12.75	156	16453	77.521	ug/l	86
78) n-propylbenzene	12.81	91	53260	49.426	ug/l	99
79) 2-Chlorotoluene	12.90	91	36596	56.128	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	41778	51.928	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	5663	121.414	ug/l	97
82) 4-Chlorotoluene	12.99	91	37862	55.089	ug/l	96
83) tert-Butylbenzene	13.21	119	32380	45.676	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	42933	51.858	ug/l	98
85) sec-Butylbenzene	13.39	105	32931	34.029	ug/l	97
86) p-Isopropyltoluene	13.51	119	31124	35.800	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	20120	47.547	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	21188	49.805	ug/l	97
89) n-Butylbenzene	13.83	91	20492	25.425	ug/l	99
90) Hexachloroethane	14.10	117	5510	35.620	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	19244	50.775	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3168	111.316	ug/l	96

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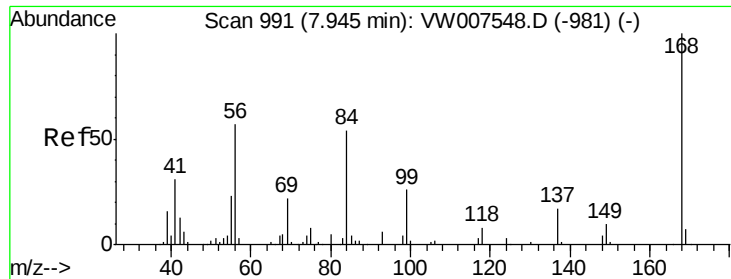
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	5784	22.175	ug/l	94
94) Hexachlorobutadiene	15.24	225	1805	13.043	ug/l	97
95) Naphthalene	15.37	128	19403	38.886	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	4490	19.817	ug/l	96

(#) = 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: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

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ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion: 168 Resp: 36840

Ion Ratio Lower Upper

168 100

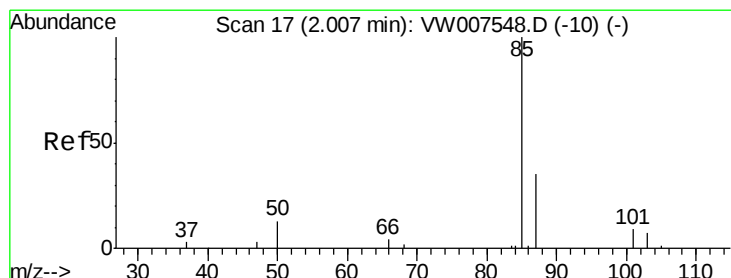
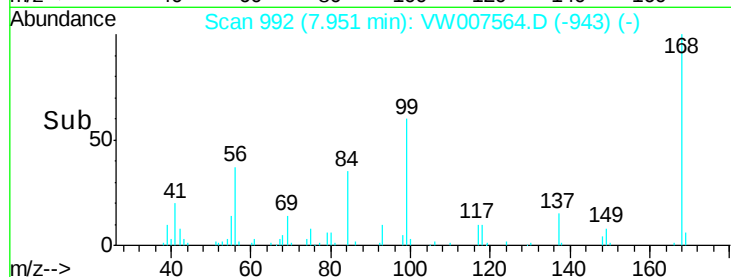
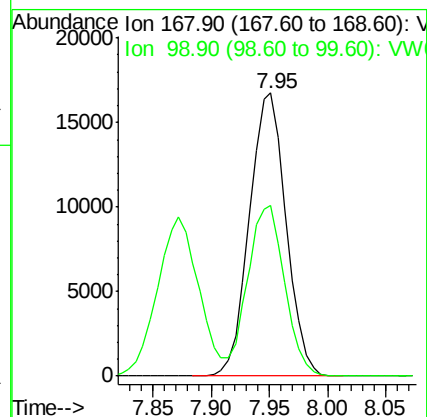
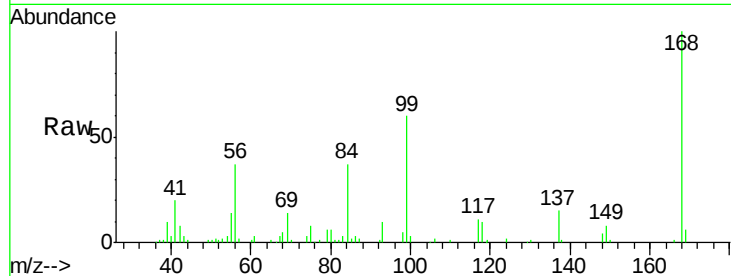
99 60.5 48.3 72.5

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#2

Dichlorodifluoromethane

Concen: 50.482 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007564.D

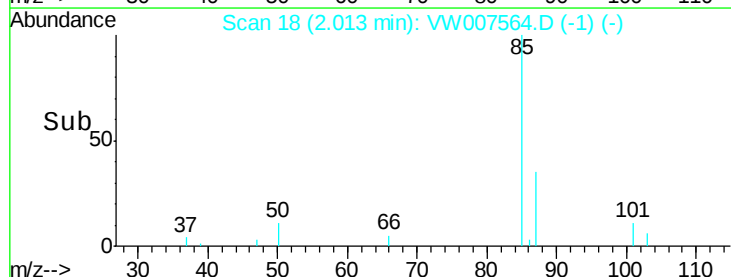
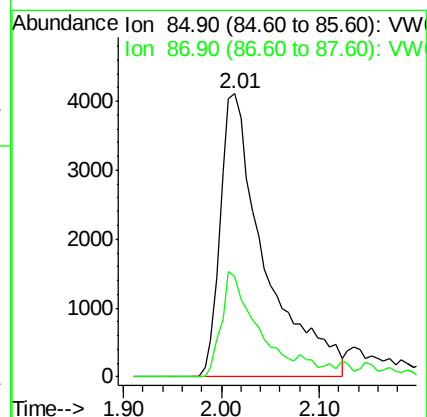
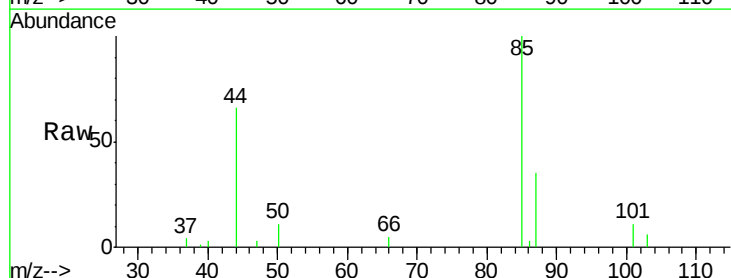
Acq: 15 Dec 2018 05:49

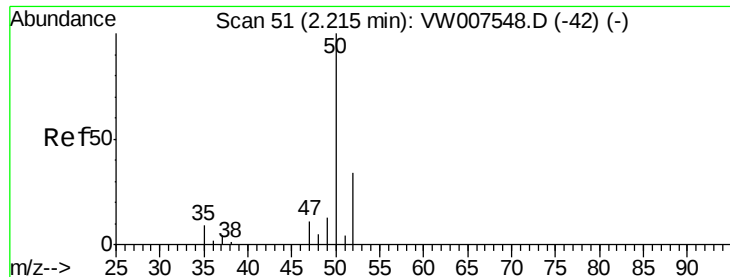
Tgt Ion: 85 Resp: 12996

Ion Ratio Lower Upper

85 100

87 35.4 16.6 49.7





#3

Chloromethane

Concen: 55.415 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion: 50 Resp: 11948

Ion Ratio Lower Upper

50 100

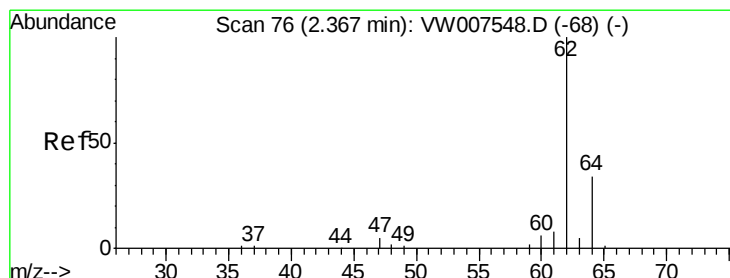
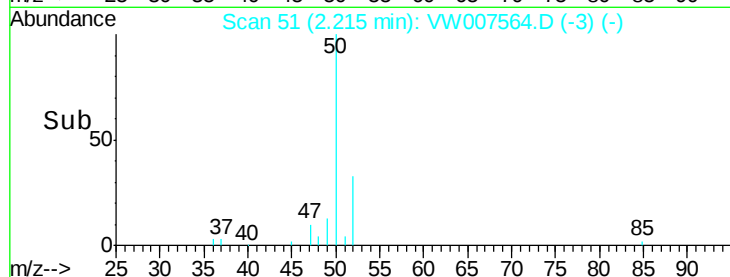
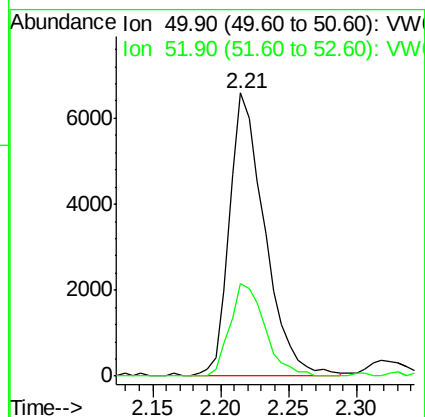
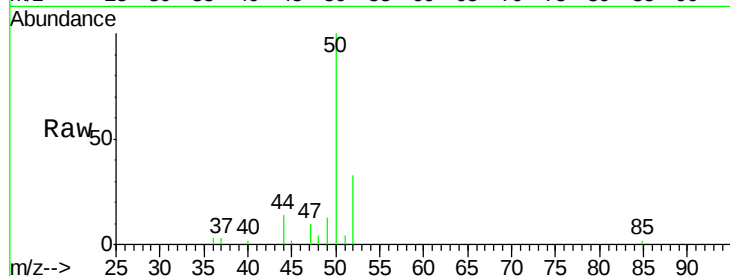
52 32.5 27.4 41.0

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#4

Vinyl Chloride

Concen: 53.501 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007564.D

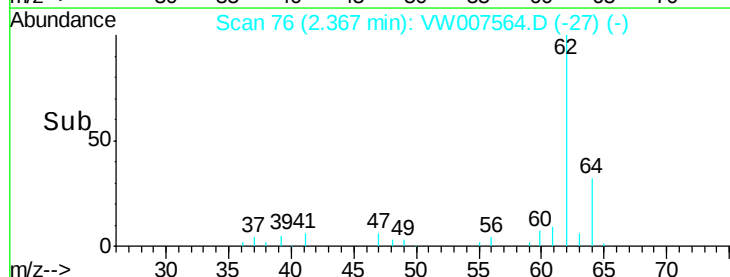
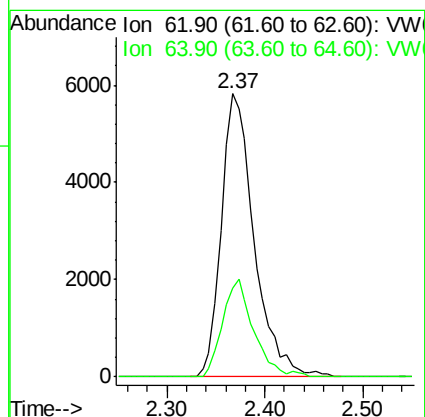
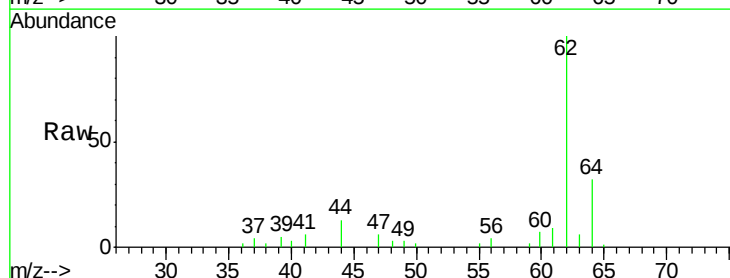
Acq: 15 Dec 2018 05:49

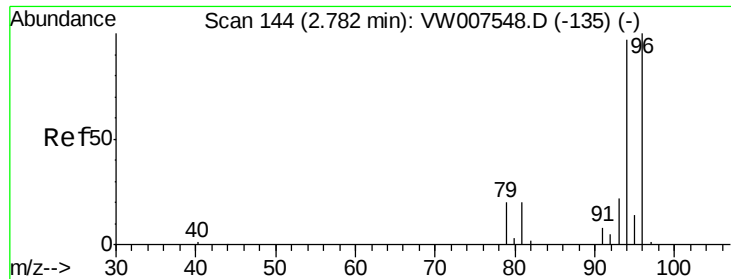
Tgt Ion: 62 Resp: 13537

Ion Ratio Lower Upper

62 100

64 31.5 24.6 37.0





#5

Bromomethane

Concen: 59.476 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

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P001-SS015-0612-01MSD

Tgt Ion: 94 Resp: 10111

Ion Ratio Lower Upper

94 100

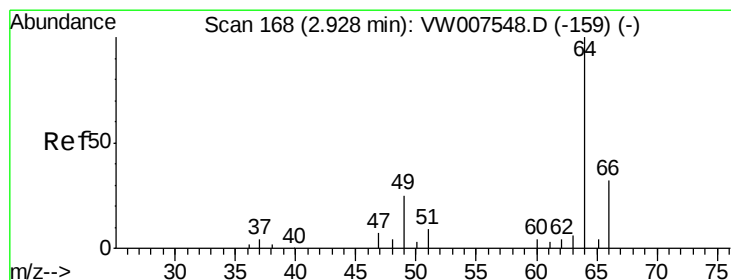
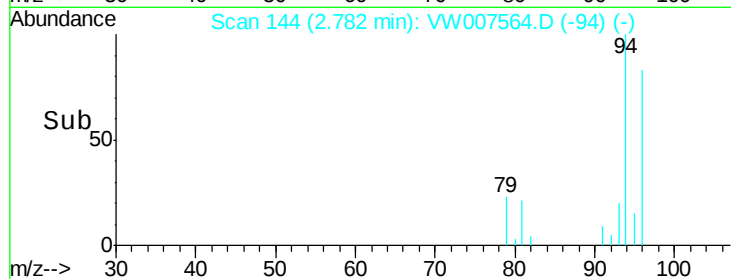
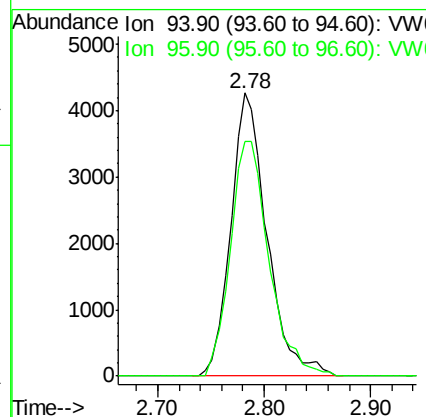
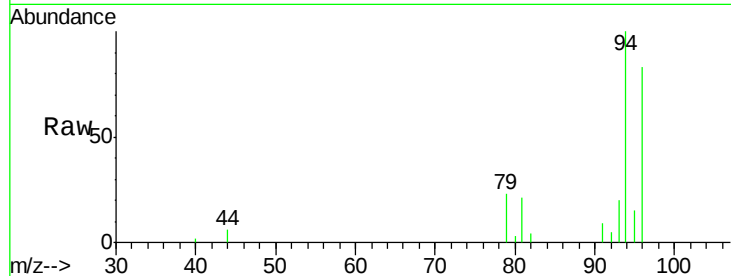
96 82.9 71.0 106.4

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#6

Chloroethane

Concen: 61.466 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007564.D

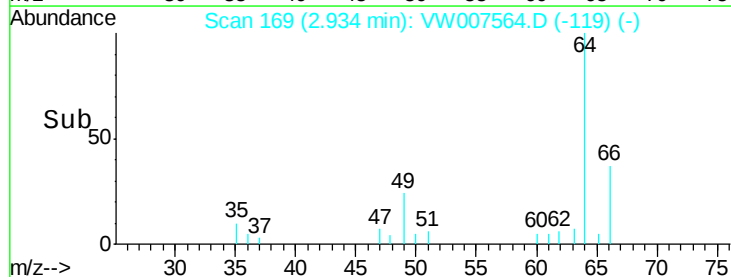
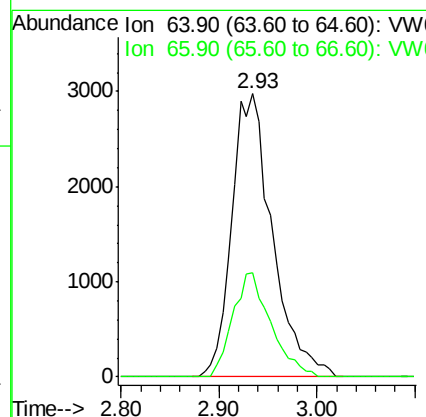
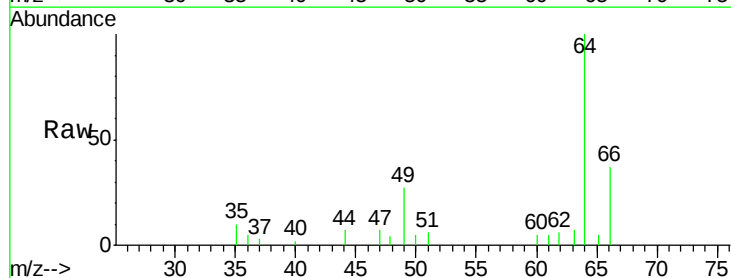
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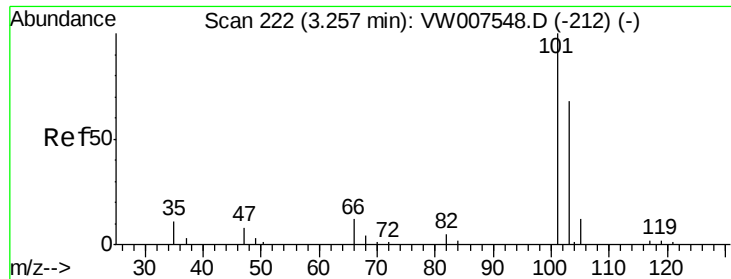
Tgt Ion: 64 Resp: 8561

Ion Ratio Lower Upper

64 100

66 36.8 24.6 37.0





#7

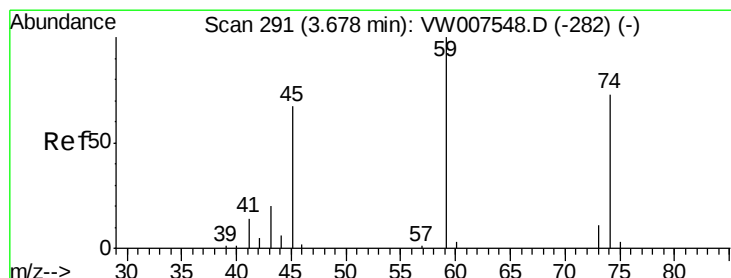
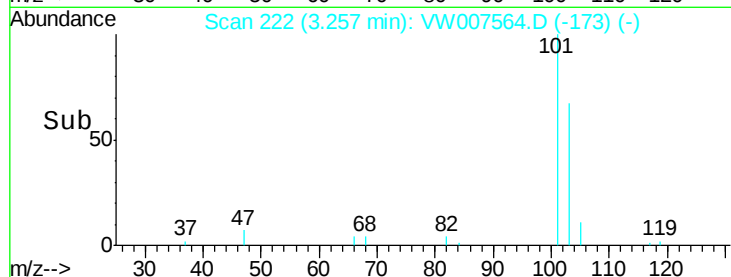
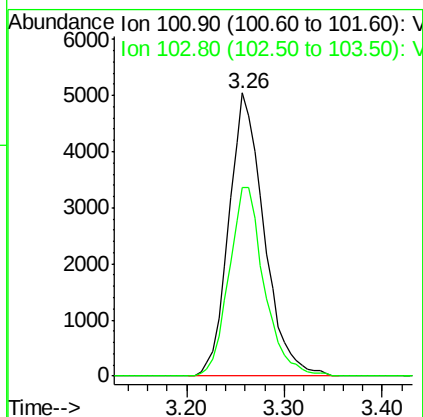
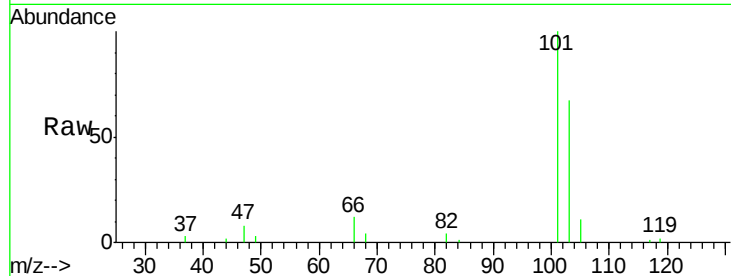
Trichlorofluoromethane
Concen: 55.403 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
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ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion: 101 Resp: 12603
Ion Ratio Lower Upper
101 100
103 66.5 51.7 77.5

Manual Integrations
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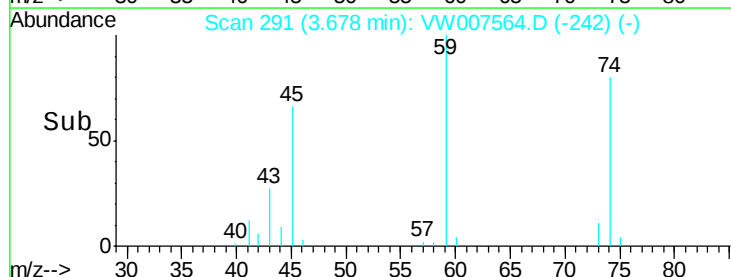
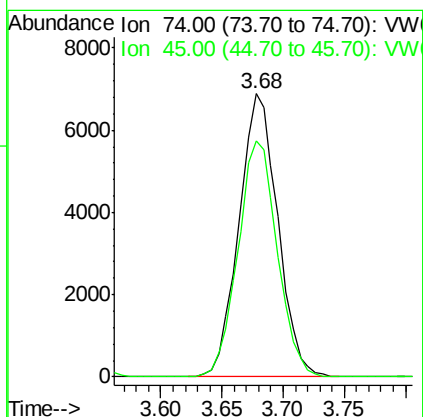
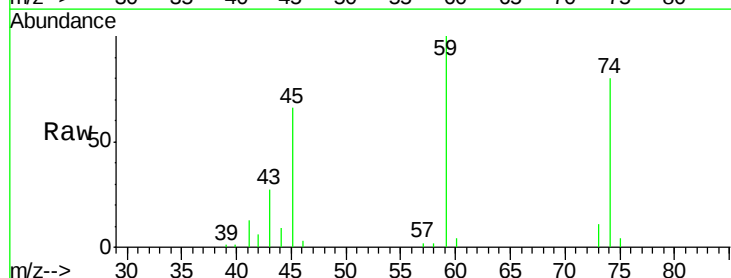
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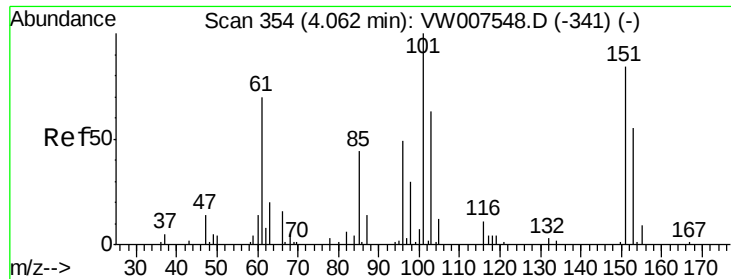


#8

Diethyl Ether
Concen: 85.025 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion: 74 Resp: 15138
Ion Ratio Lower Upper
74 100
45 84.4 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.292 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.02 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

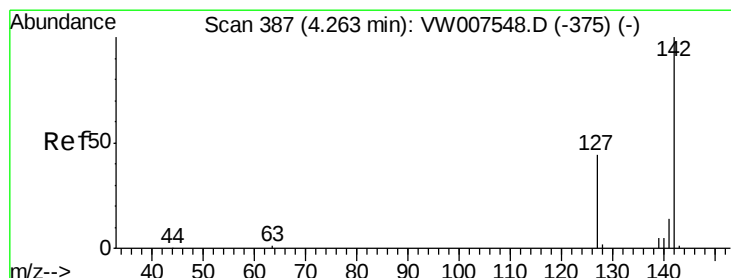
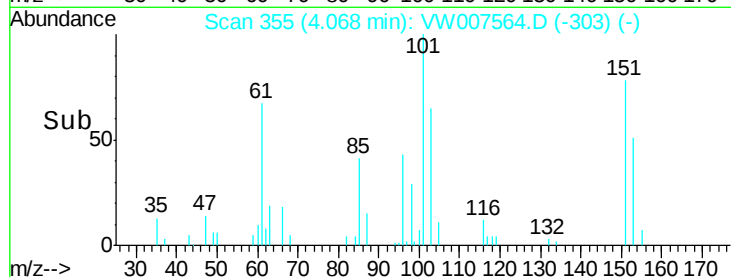
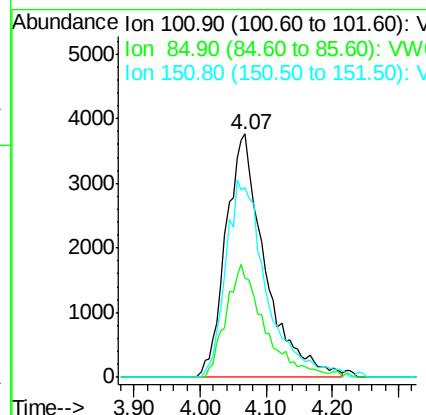
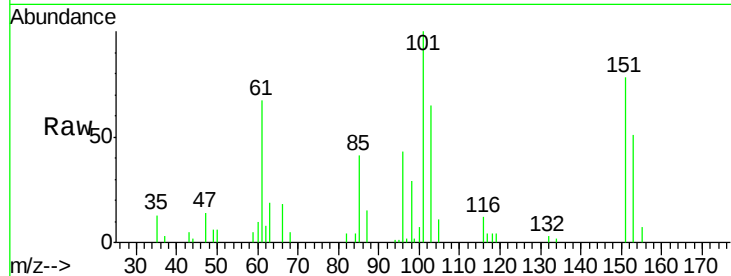
ClientSampleId :

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Tgt Ion:	101	Resp:	15499
Ion Ratio	Lower	Upper	
101	100		
85	45.8	33.9	50.9
151	83.5	63.7	95.5

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#10

Methyl Iodide

Concen: 52.983 ug/l

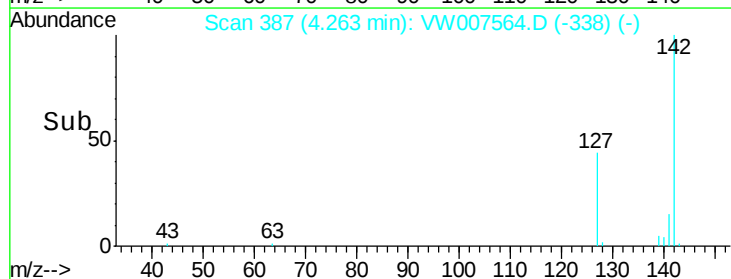
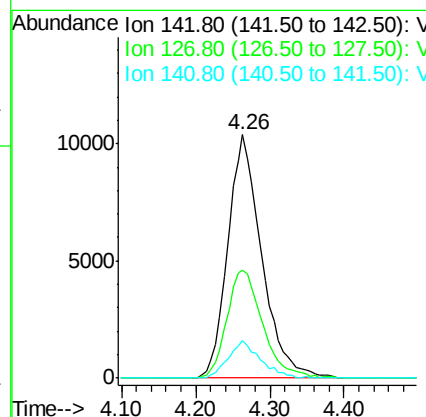
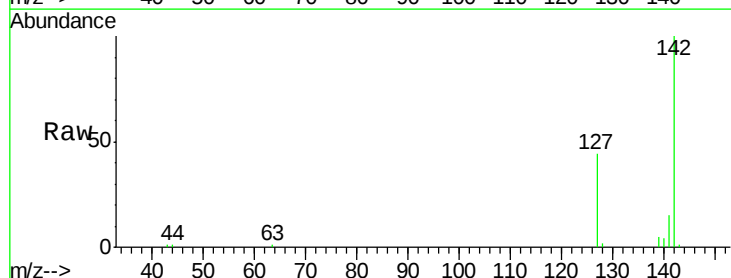
RT: 4.26 min Scan# 387

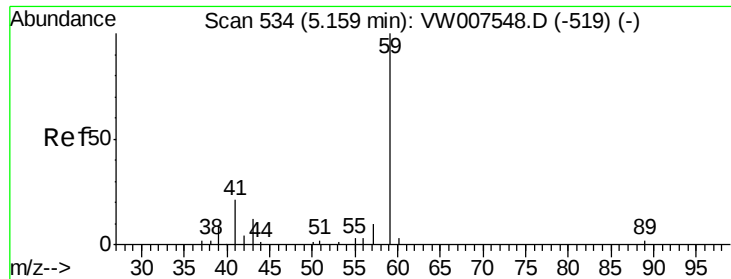
Delta R.T. -0.00 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Tgt Ion:	142	Resp:	32937
Ion Ratio	Lower	Upper	
142	100		
127	46.6	35.8	53.6
141	14.5	11.1	16.7





#11

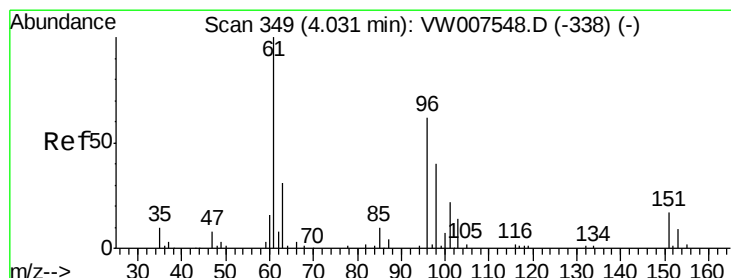
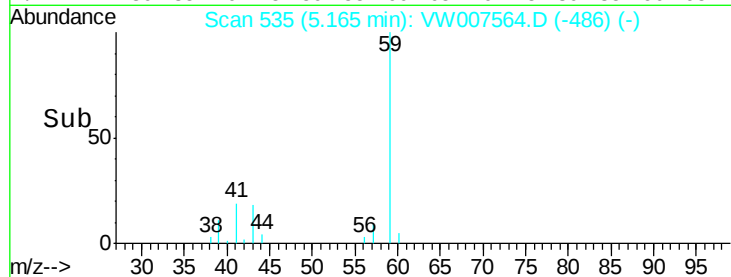
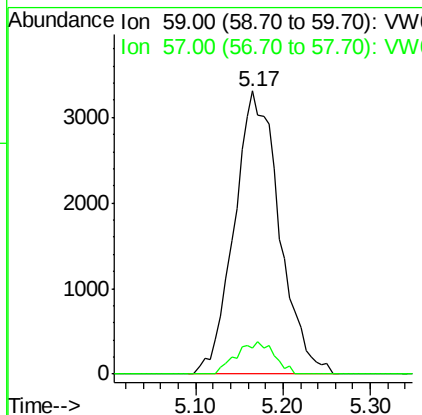
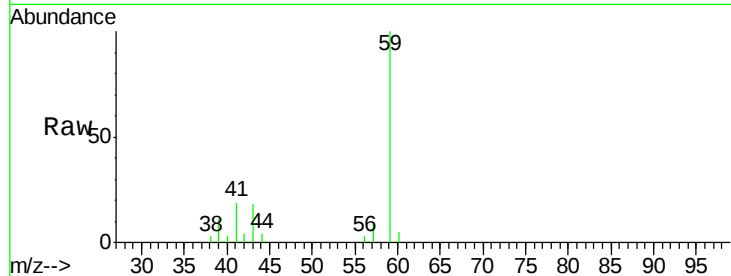
Tert butyl alcohol
 Concen: 421.985 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MSD

Tgt Ion: 59 Resp: 11845
 Ion Ratio Lower Upper
 59 100
 57 4.8 7.6 11.4#

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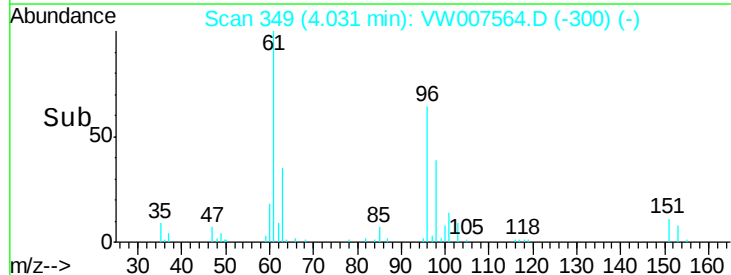
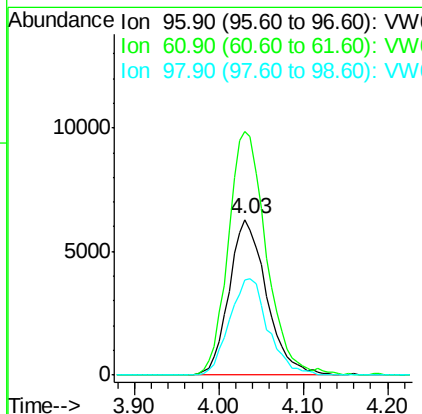
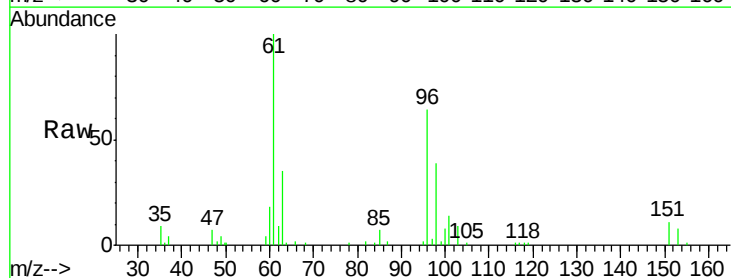
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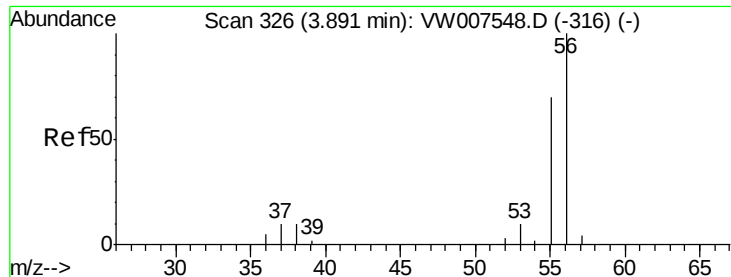


#12

1,1-Dichloroethene
 Concen: 52.630 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Tgt Ion: 96 Resp: 19020
 Ion Ratio Lower Upper
 96 100
 61 156.4 126.2 189.2
 98 61.2 48.3 72.5





#13

Acrolein

Concen: 56.155 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion: 56 Resp: 1043

Ion Ratio Lower Upper

56 100

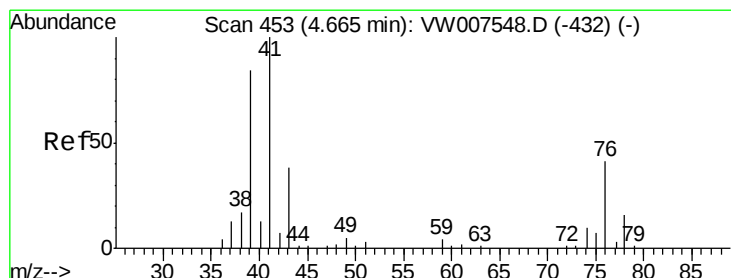
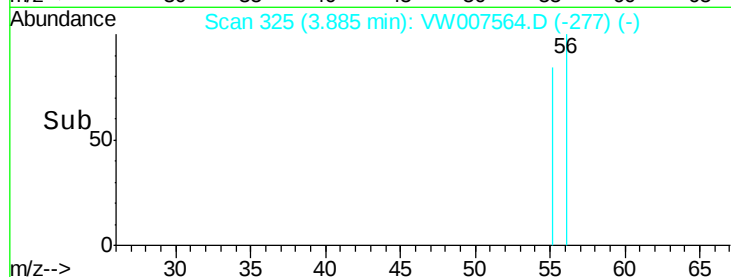
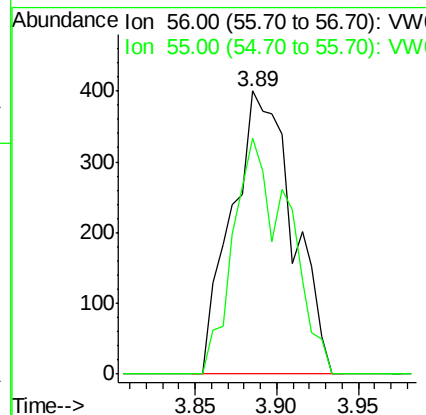
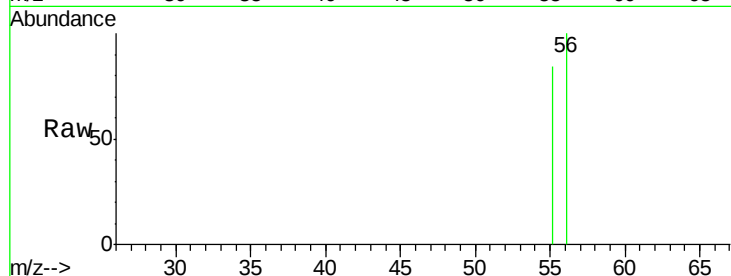
55 74.9 57.4 86.2

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#14

Allyl chloride

Concen: 59.910 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

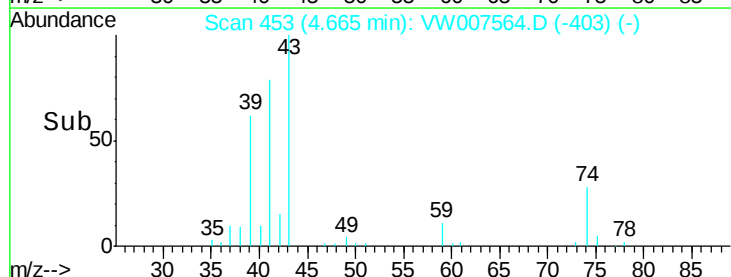
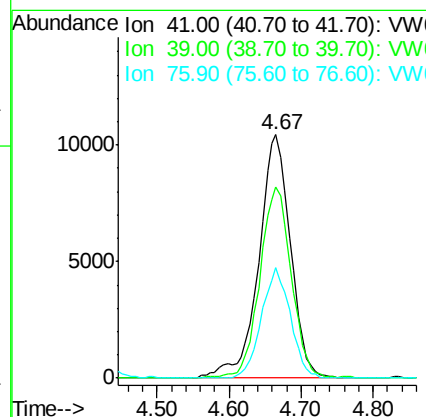
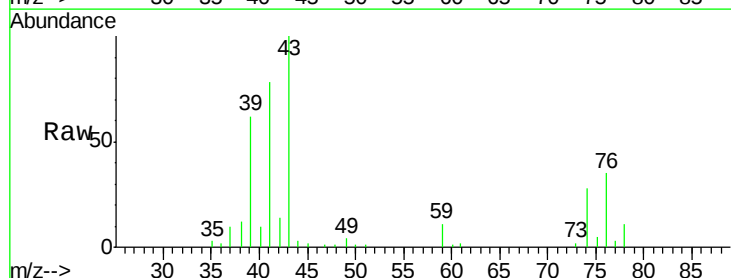
Tgt Ion: 41 Resp: 31914

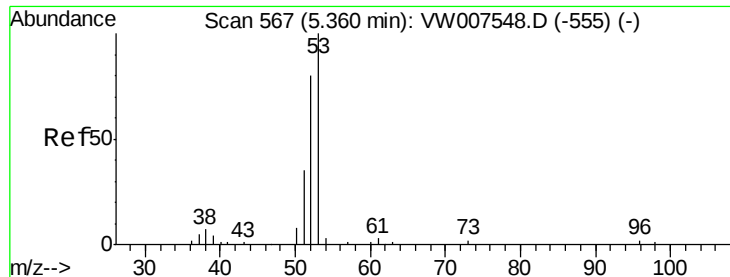
Ion Ratio Lower Upper

41 100

39 77.9 63.4 95.2

76 41.1 32.1 48.1





#15

Acrylonitrile

Concen: 334.700 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

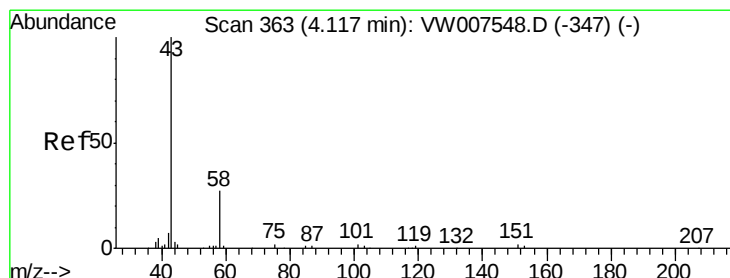
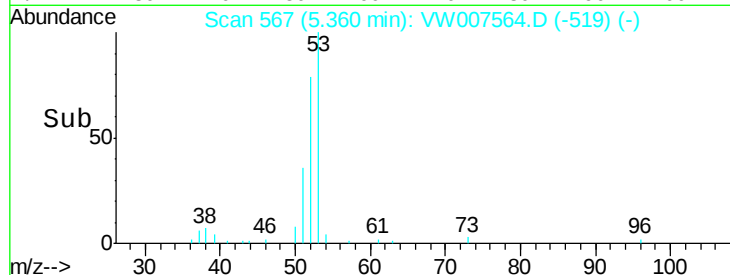
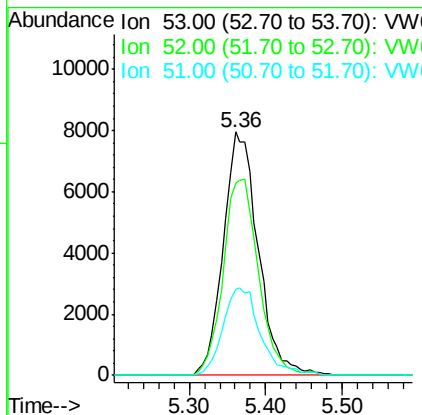
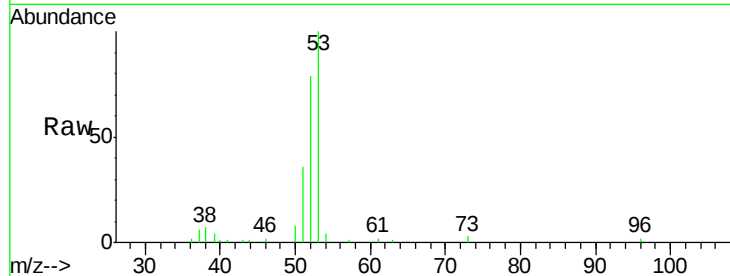
ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion:	53	Resp:	25121
Ion	Ratio	Lower	Upper
53	100		
52	81.4	67.4	101.2
51	38.5	30.2	45.2

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#16

Acetone

Concen: 423.073 ug/l

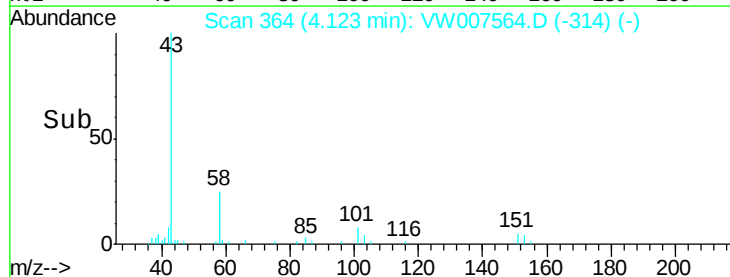
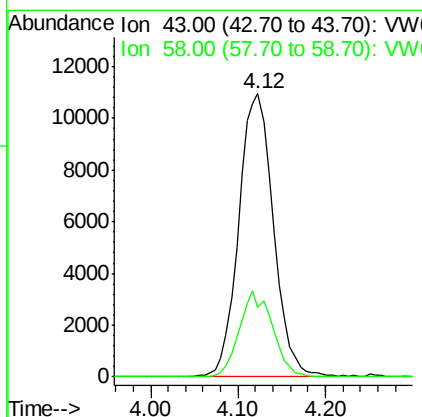
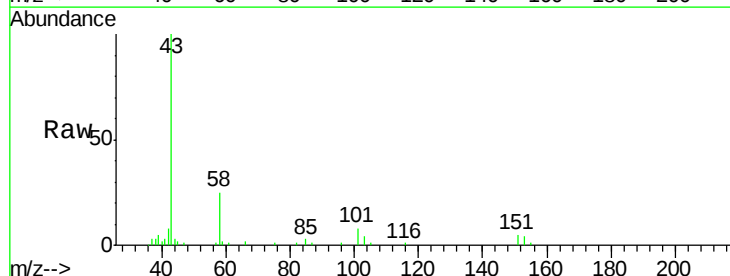
RT: 4.12 min Scan# 364

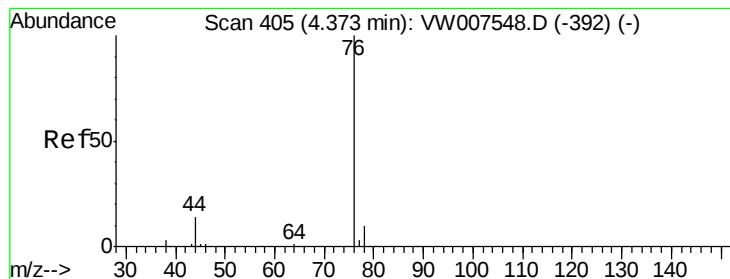
Delta R.T. 0.01 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Tgt Ion:	43	Resp:	30203
Ion	Ratio	Lower	Upper
43	100		
58	24.8	24.9	37.3#





#17

Carbon Disulfide

Concen: 46.618 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Tgt Ion: 76 Resp: 51082

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

Instrument :

MSVOA_W

ClientSampleId :

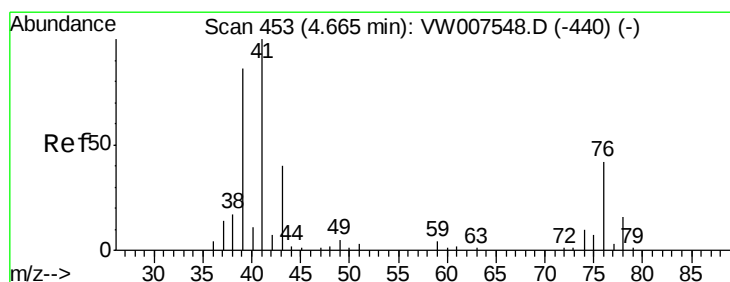
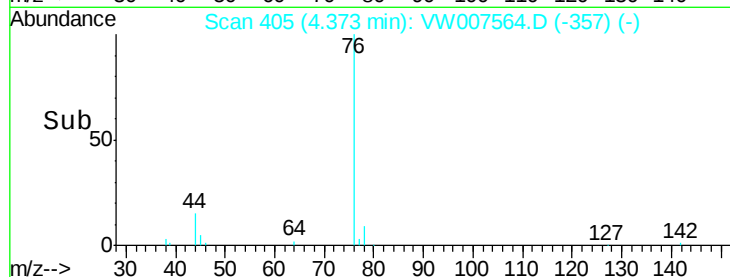
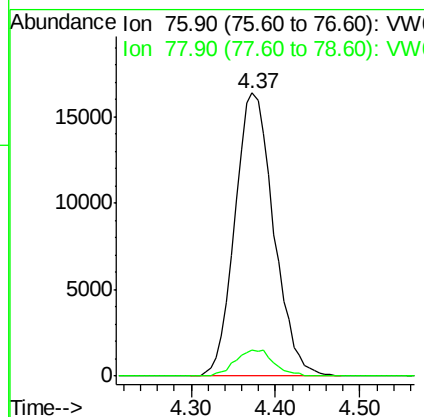
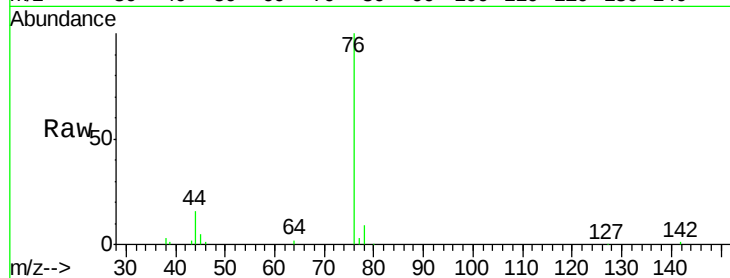
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#18

Methyl Acetate

Concen: 210.840 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007564.D

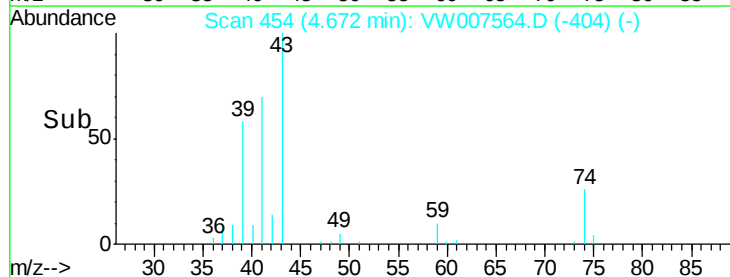
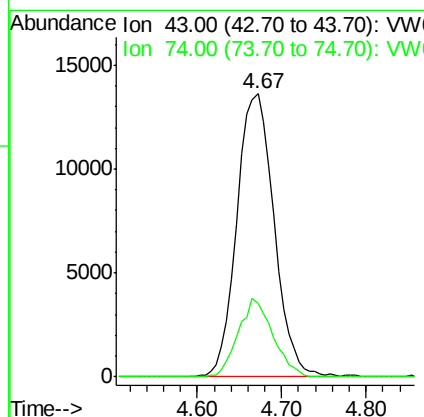
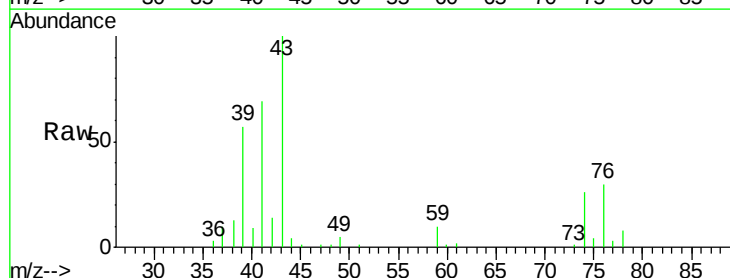
Acq: 15 Dec 2018 05:49

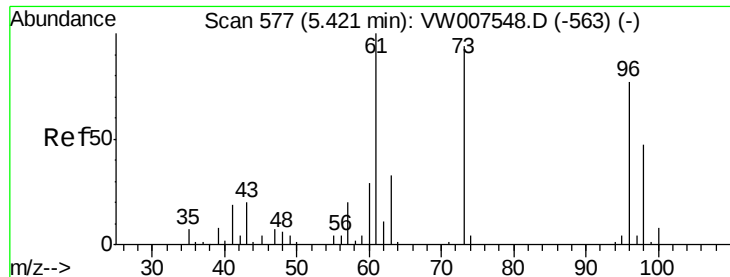
Tgt Ion: 43 Resp: 40852

Ion Ratio Lower Upper

43 100

74 25.5 21.1 31.7





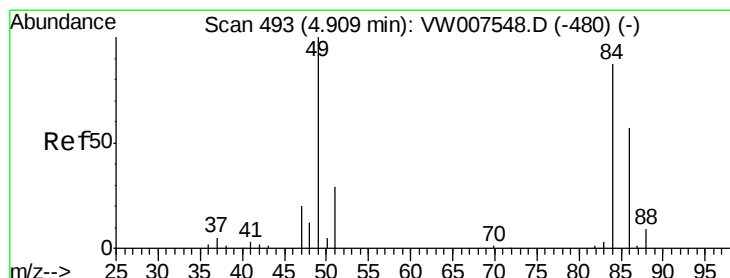
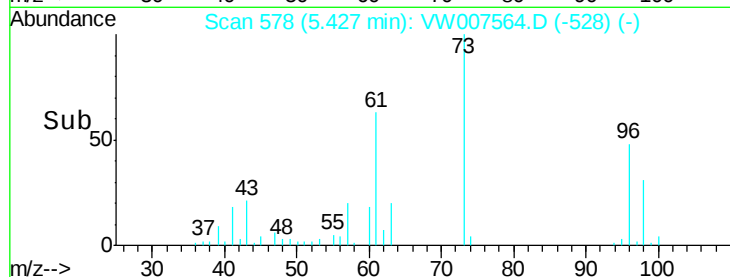
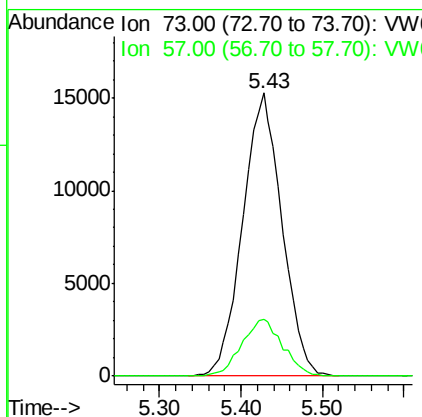
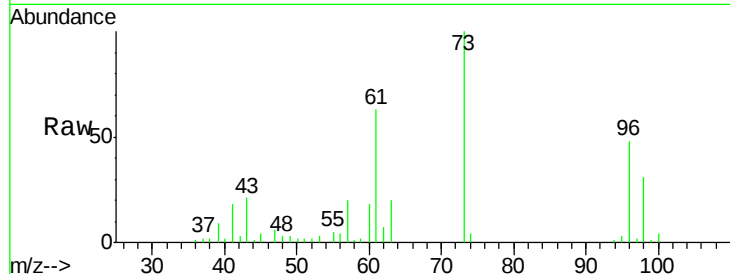
#19
Methyl tert-butyl Ether
Concen: 93.811 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion: 73 Resp: 51144
Ion Ratio Lower Upper
73 100
57 20.1 16.4 24.6

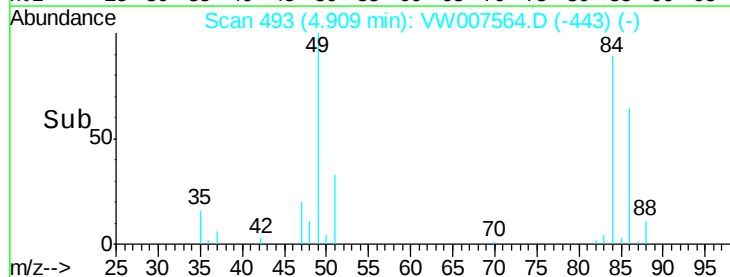
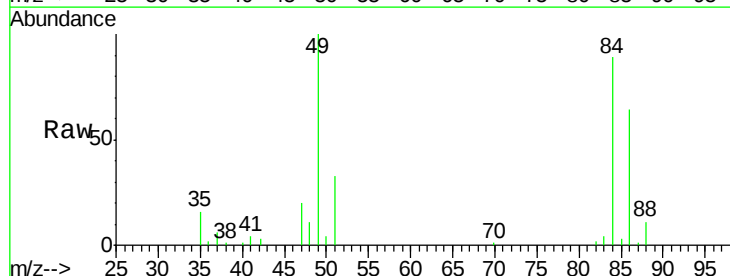
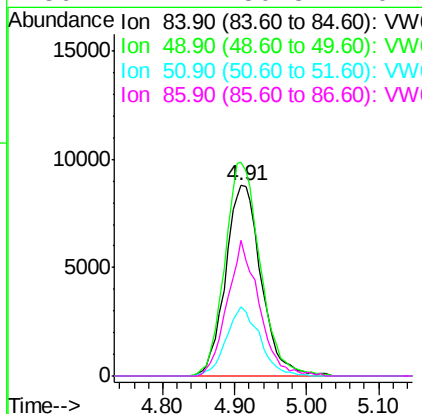
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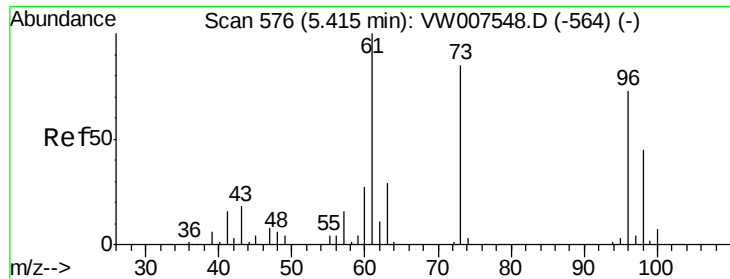
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#20
Methylene Chloride
Concen: 79.736 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion: 84 Resp: 30219
Ion Ratio Lower Upper
84 100
49 112.3 87.1 130.7
51 36.6 28.2 42.2
86 71.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 57.546 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

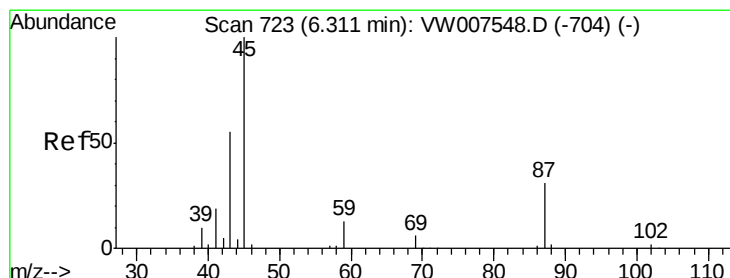
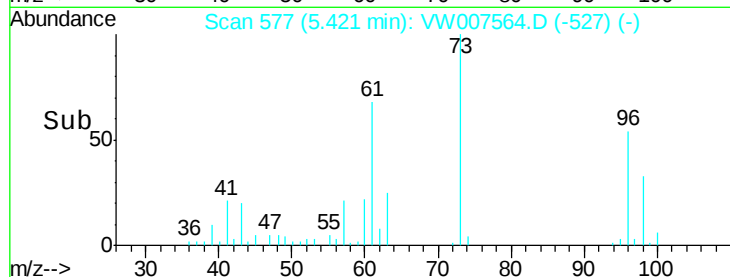
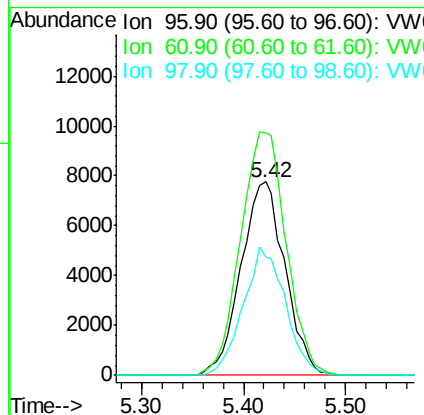
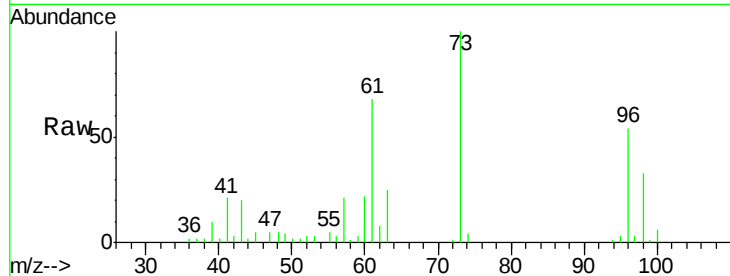
ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion:	96	Resp:	23264
Ion	Ratio	Lower	Upper
96	100		
61	125.5	105.0	157.6
98	61.3	49.7	74.5

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#22

Diisopropyl ether

Concen: 76.667 ug/l

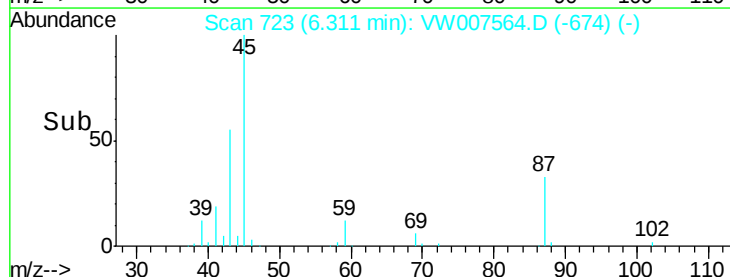
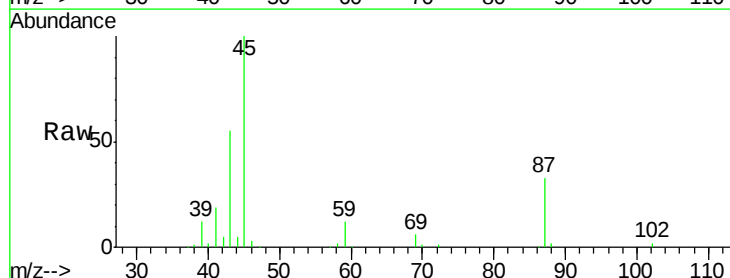
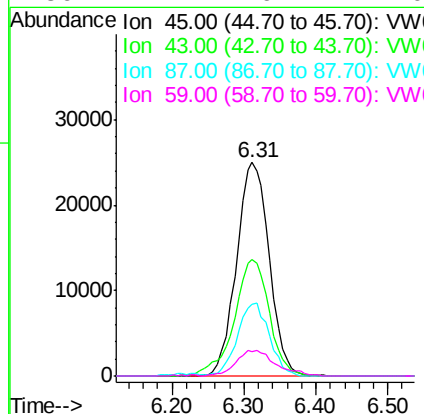
RT: 6.31 min Scan# 723

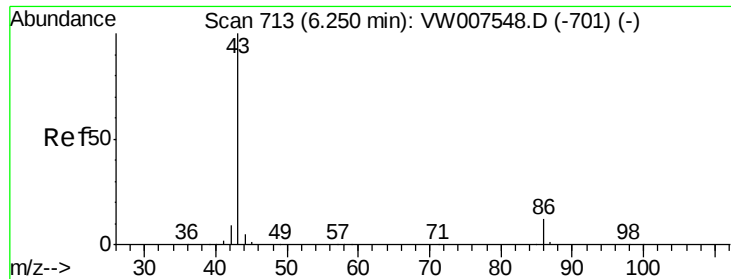
Delta R.T. -0.00 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Tgt Ion:	45	Resp:	78501
Ion	Ratio	Lower	Upper
45	100		
43	54.6	41.6	62.4
87	33.3	24.3	36.5
59	11.7	9.4	14.0





#23

Vinyl Acetate

Concen: 80.587 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.06 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

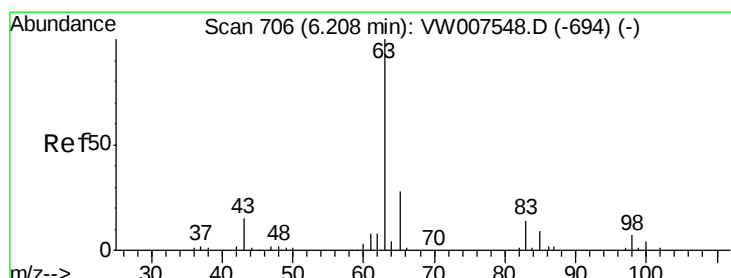
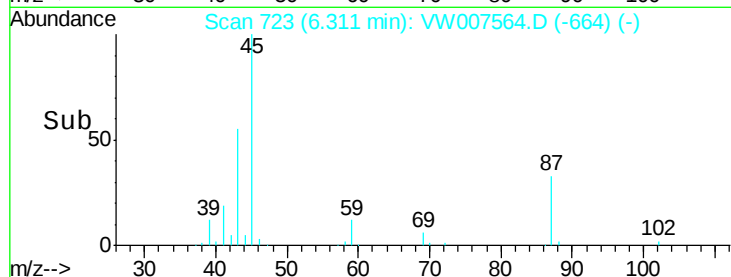
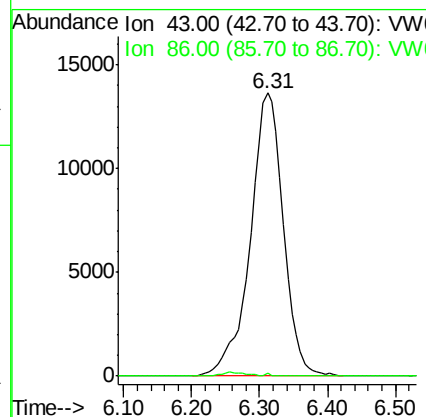
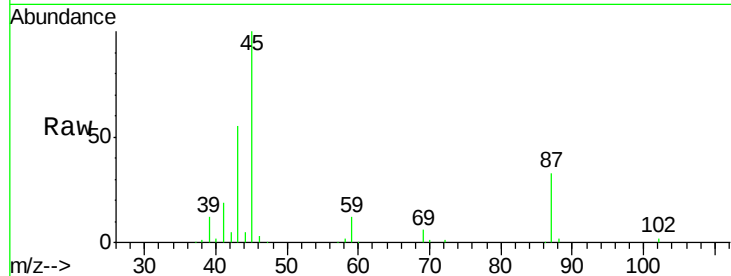
ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
86	0.9	8.6	12.8#

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#24

1,1-Dichloroethane

Concen: 64.440 ug/l

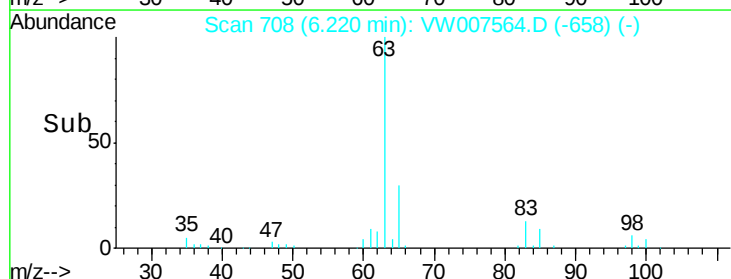
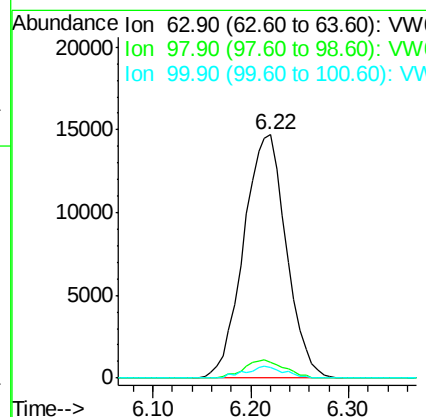
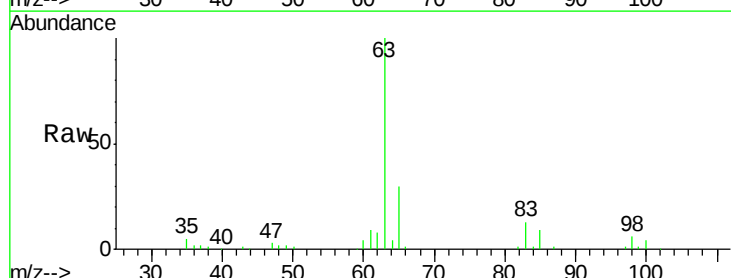
RT: 6.22 min Scan# 708

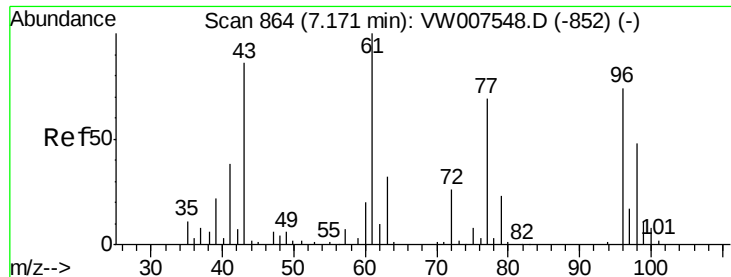
Delta R.T. 0.01 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.5	10.4
100	4.1	2.5	7.5





#25

2-Butanone

Concen: 365.593 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion: 43 Resp: 34073

Ion Ratio Lower Upper

43 100

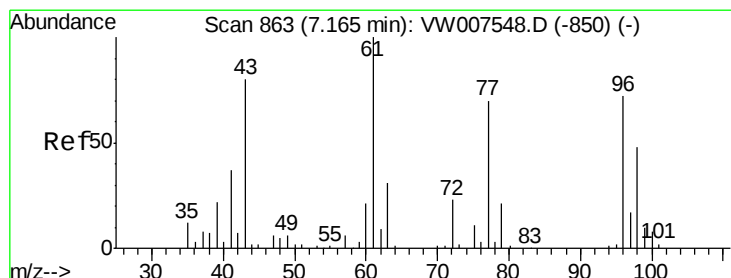
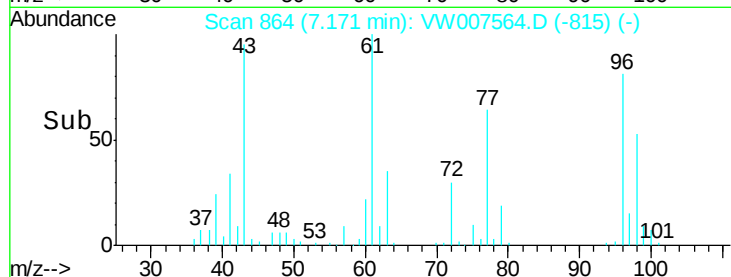
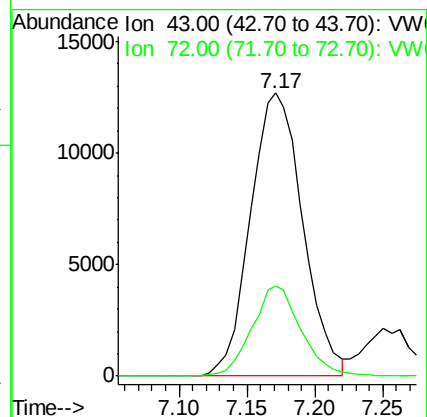
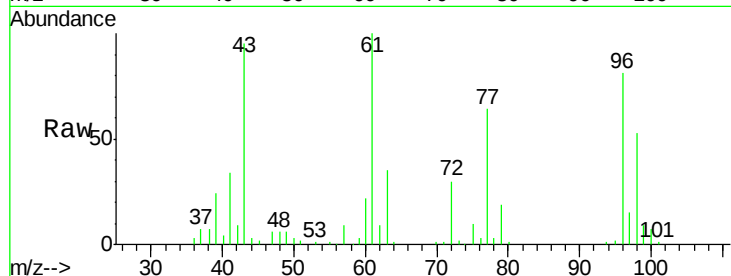
72 31.8 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 54.887 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007564.D

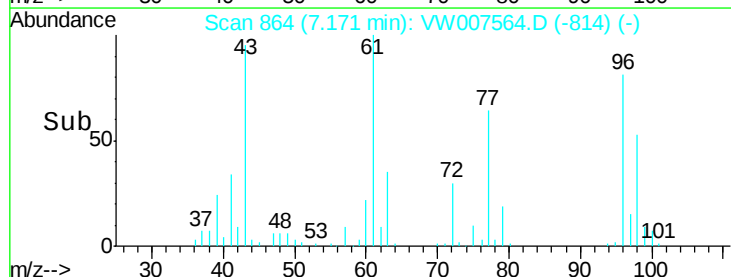
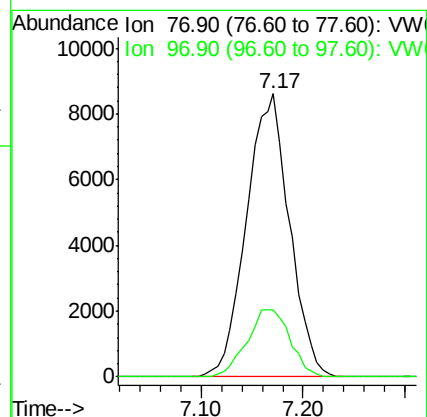
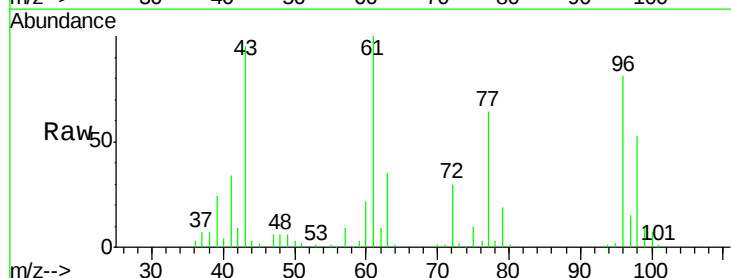
Acq: 15 Dec 2018 05:49

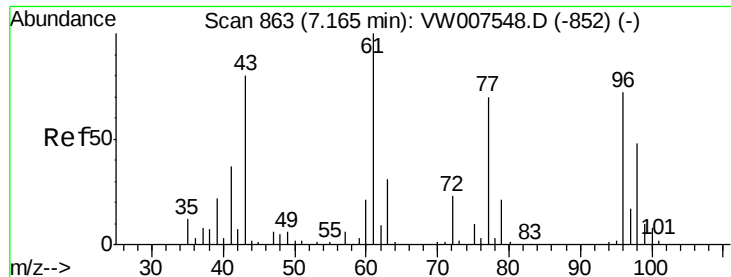
Tgt Ion: 77 Resp: 25138

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.8





#27

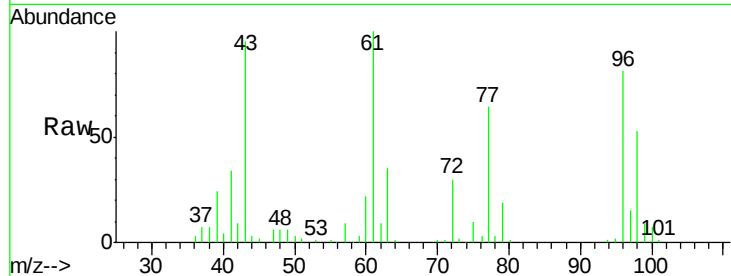
cis-1,2-Dichloroethene
Concen: 62.807 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

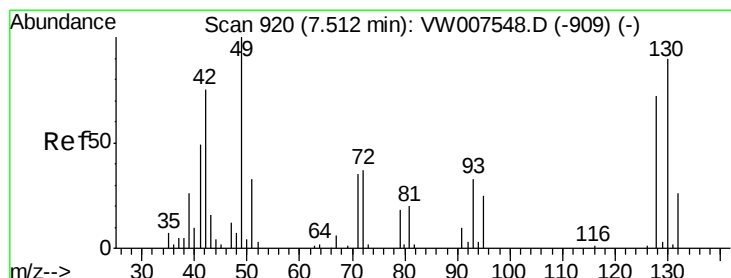
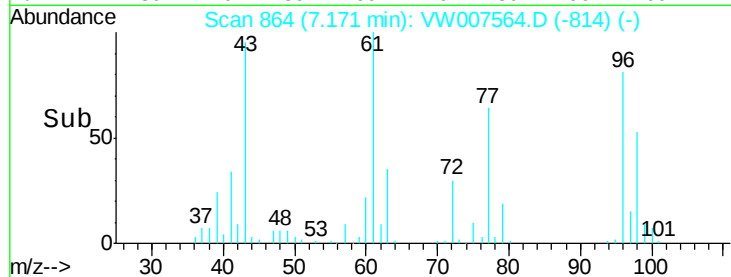
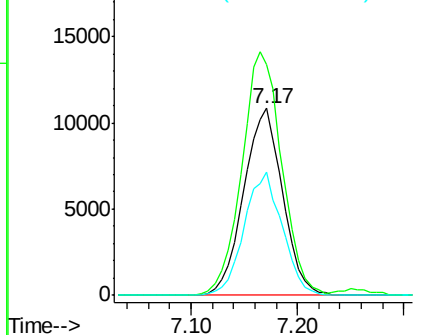
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	27802		
61	133.4	0.0	268.4	
98	64.5	0.0	127.8	

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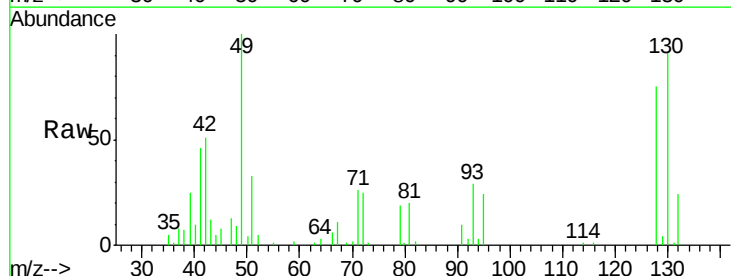
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



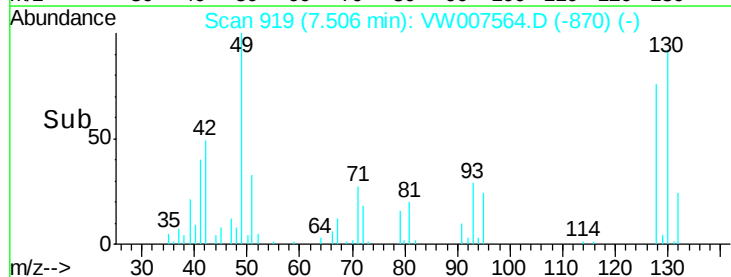
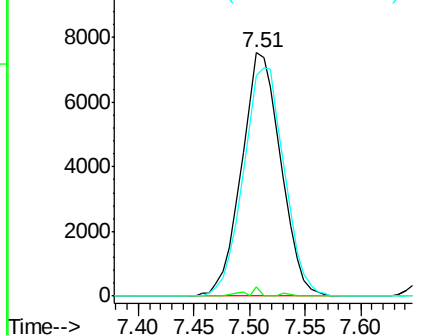
#28

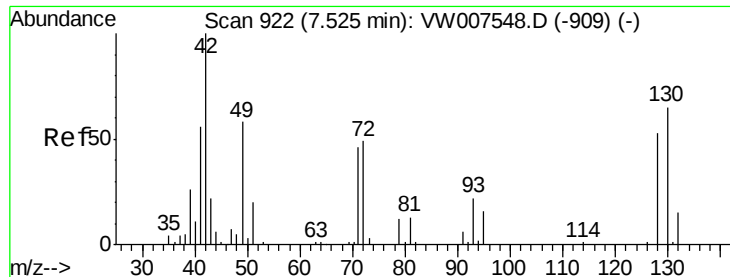
Bromochloromethane
Concen: 70.783 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	18425		
129	1.2	0.0	2.6	
130	98.1	75.9	113.9	



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





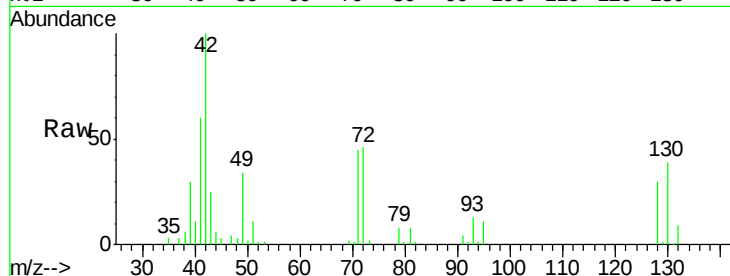
#29
Tetrahydrofuran
Concen: 448.380 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

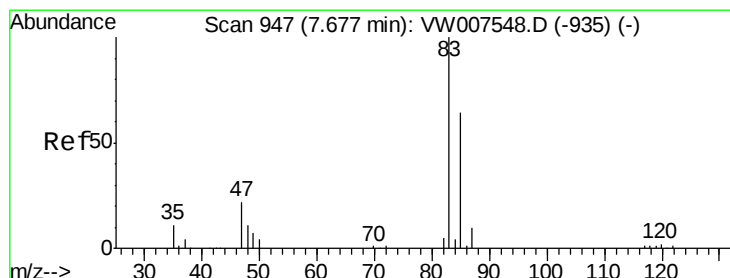
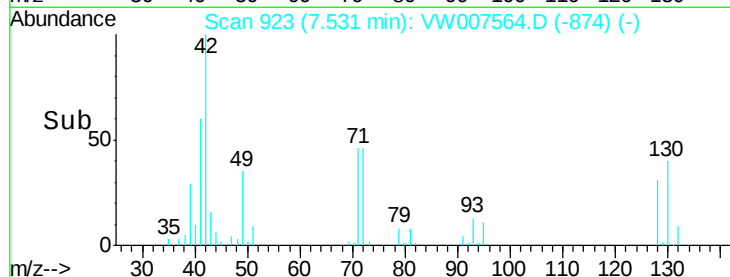
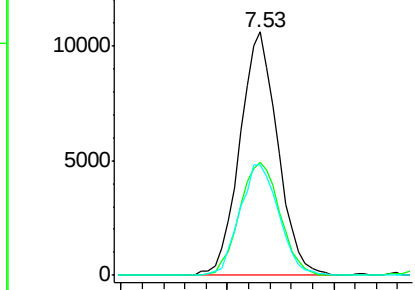
Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.4	38.2	57.4
71	47.2	35.5	53.3

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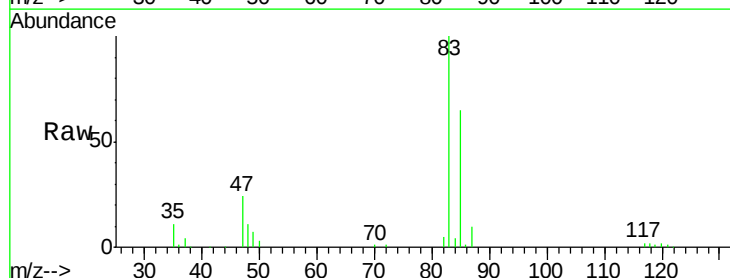


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

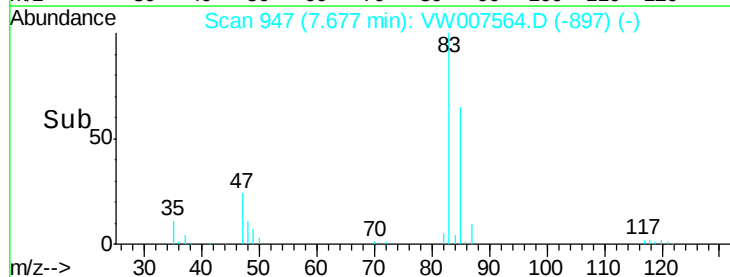
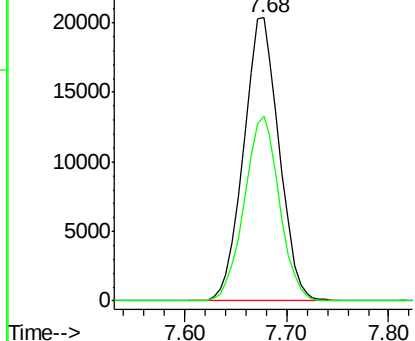


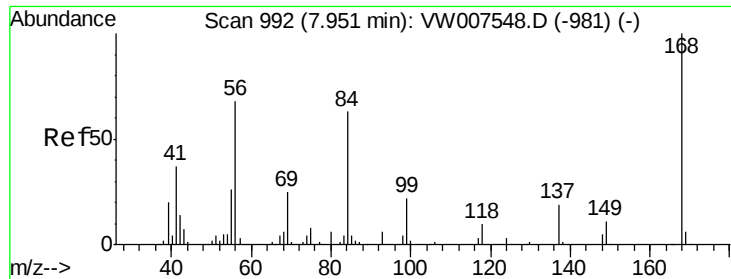
#30
Chloroform
Concen: 65.355 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





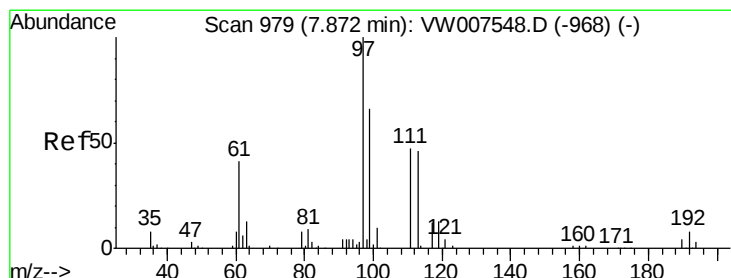
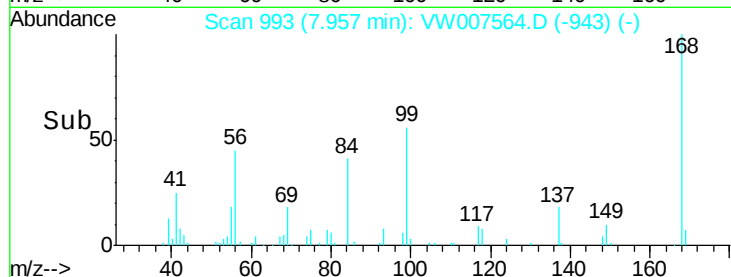
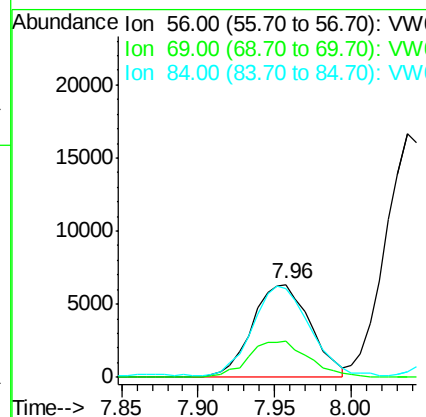
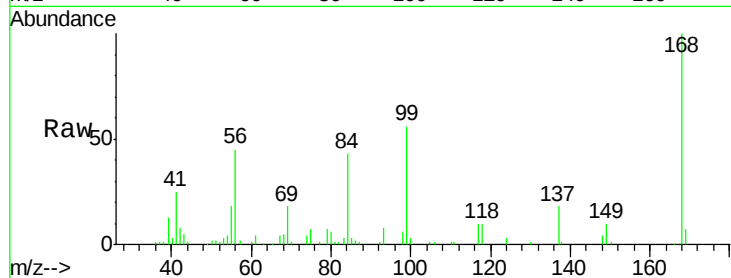
#31
Cyclohexane
Concen: 26.296 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion: 56 Resp: 16696
Ion Ratio Lower Upper
56 100
69 39.1 28.9 43.3
84 94.1 71.8 107.6

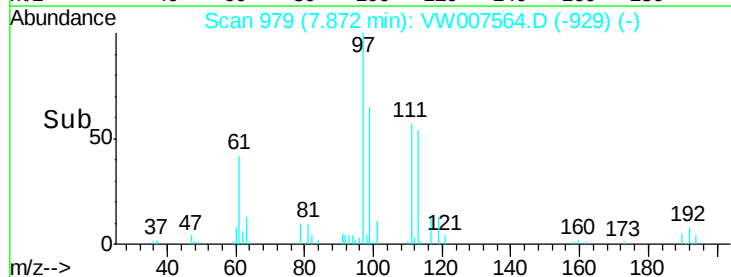
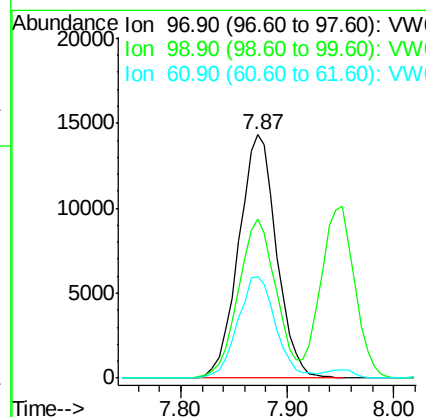
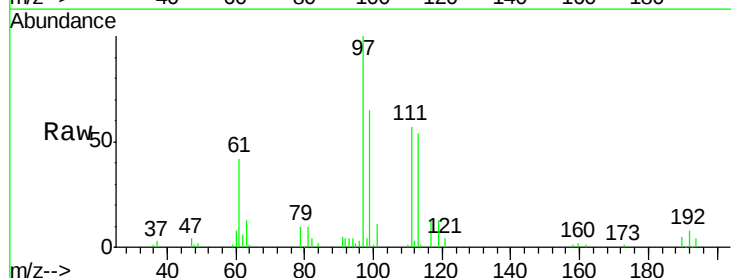
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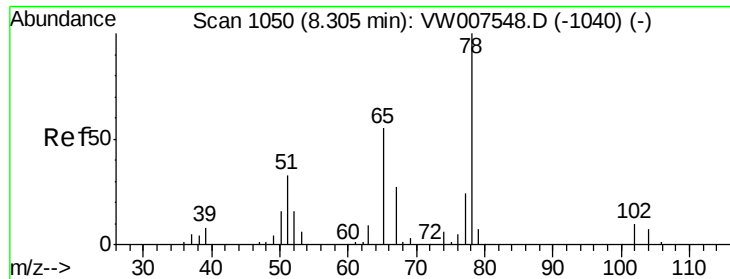
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#32
1,1,1-Trichloroethane
Concen: 54.029 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion: 97 Resp: 35681
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 42.0 33.2 49.8





#33

1,2-Dichloroethane-d4

Concen: 71.359 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion: 65 Resp: 29165

Ion Ratio Lower Upper

65 100

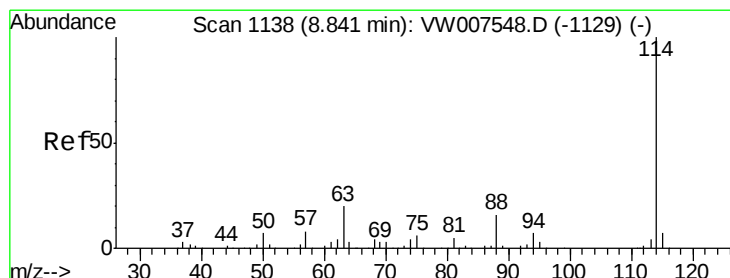
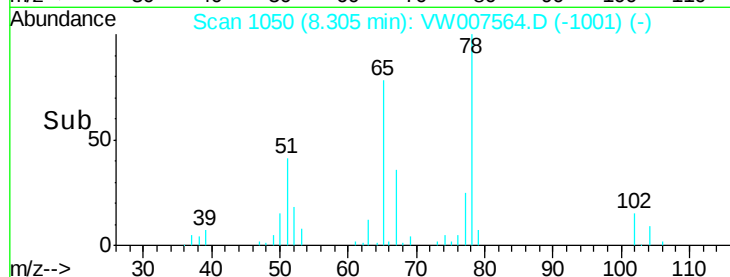
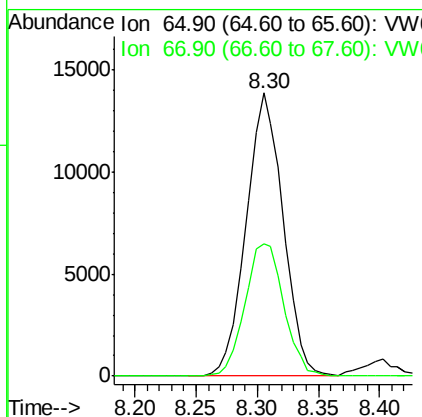
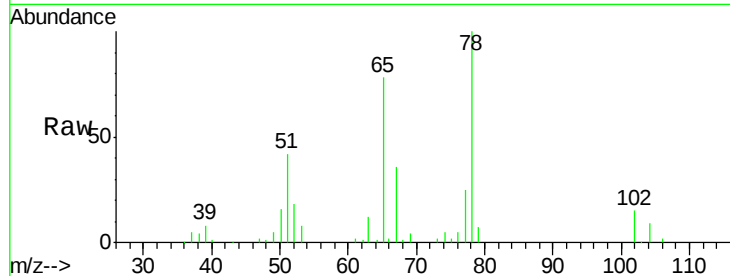
67 49.2 0.0 101.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

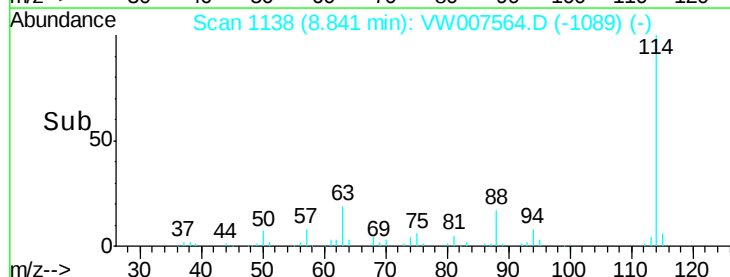
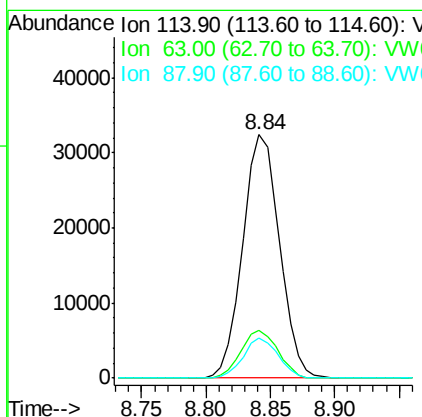
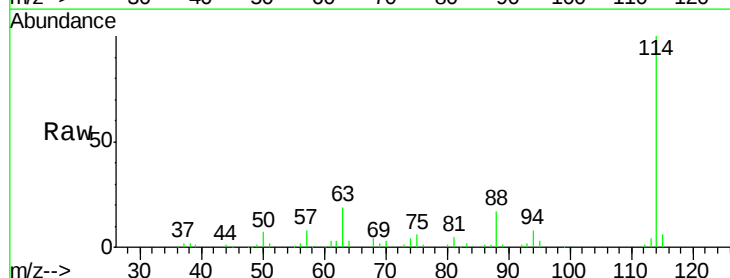
Tgt Ion: 114 Resp: 64004

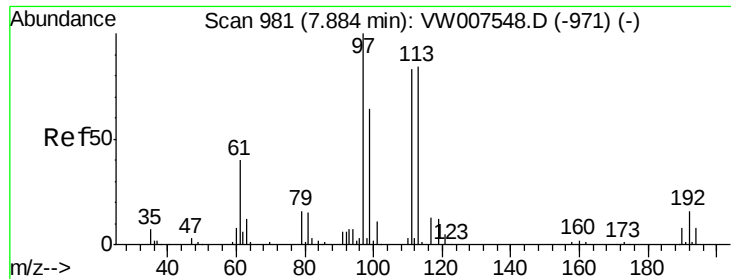
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 16.6 0.0 31.4





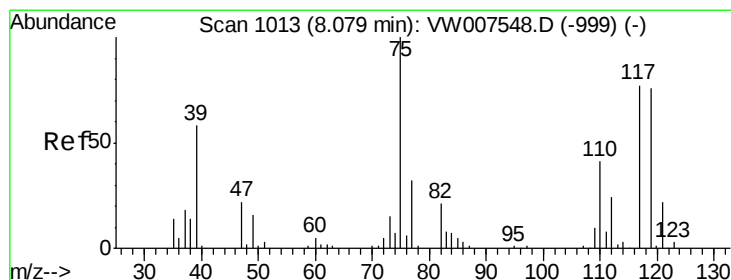
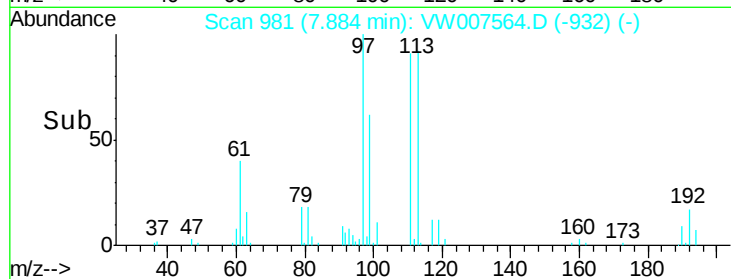
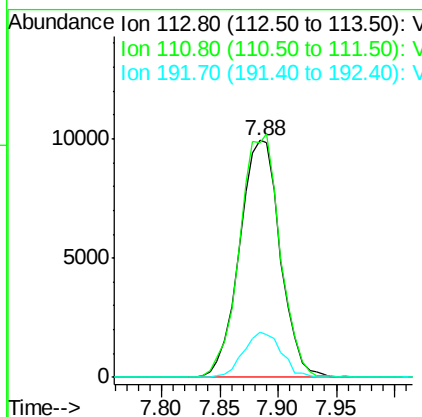
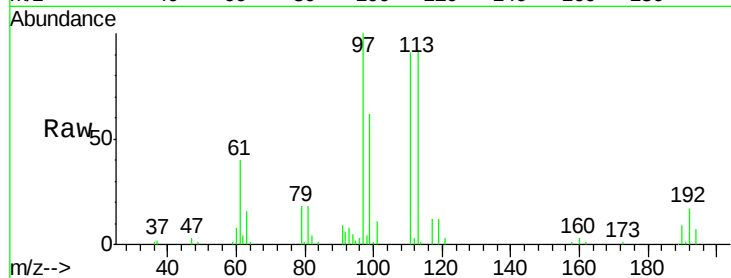
#35
 Dibromofluoromethane
 Concen: 62.365 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MSD

Tgt Ion: 113 Resp: 24163
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.1 121.7
 192 17.8 14.6 21.8

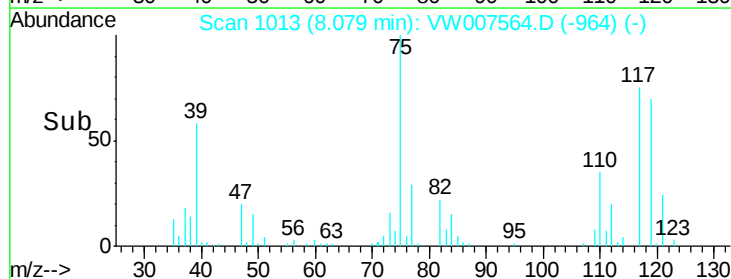
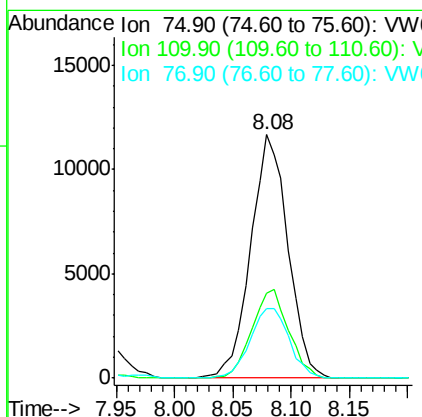
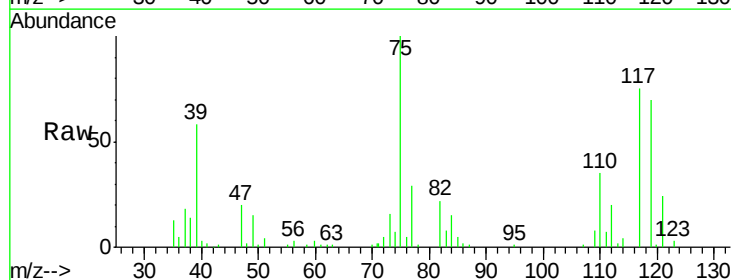
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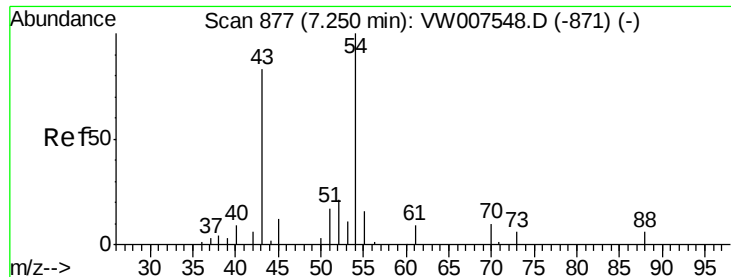
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#36
 1,1-Dichloropropene
 Concen: 44.267 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Tgt Ion: 75 Resp: 25846
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.5 55.5
 77 30.2 25.6 38.4





#37

Ethyl Acetate

Concen: 25.354 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

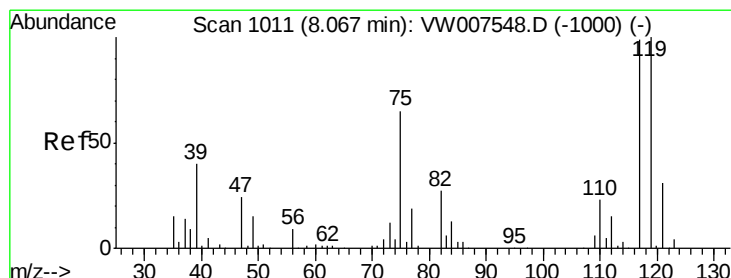
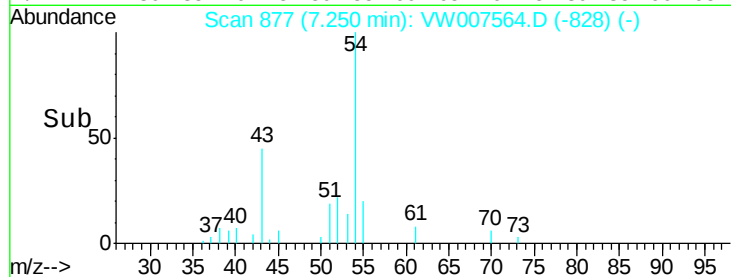
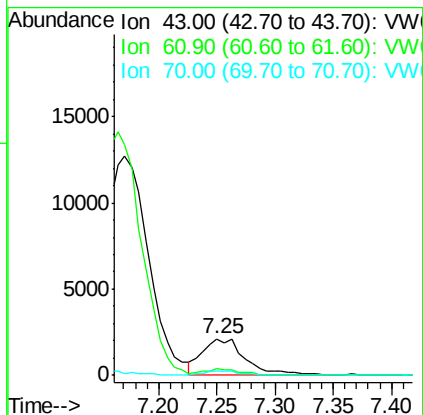
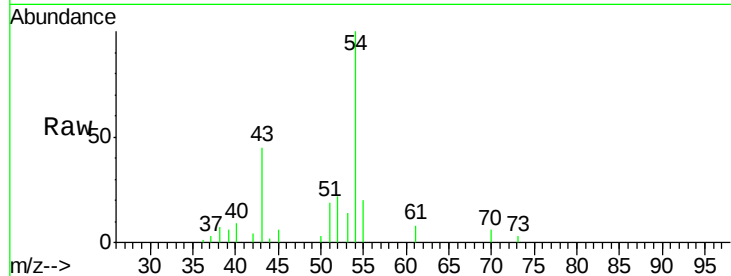
ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion:	43	Resp:	5506
Ion Ratio	Lower	Upper	
43	100		
61	0.0	12.1	18.1#
70	10.1	10.0	15.0

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#38

Carbon Tetrachloride

Concen: 45.976 ug/l

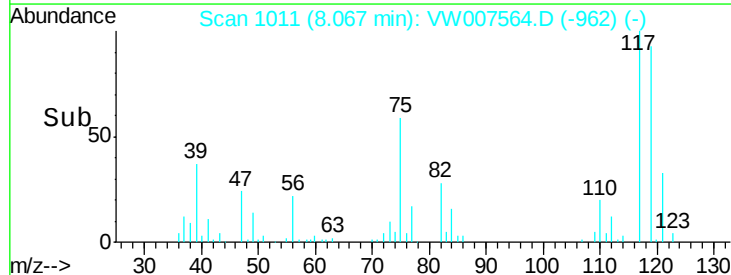
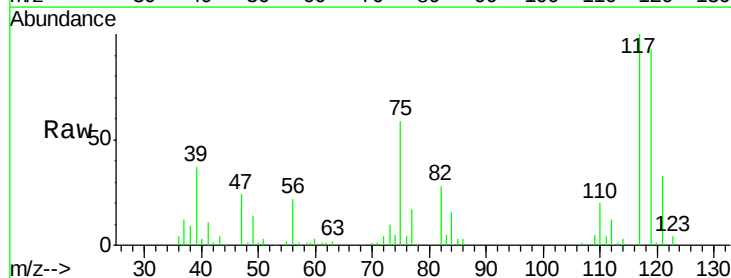
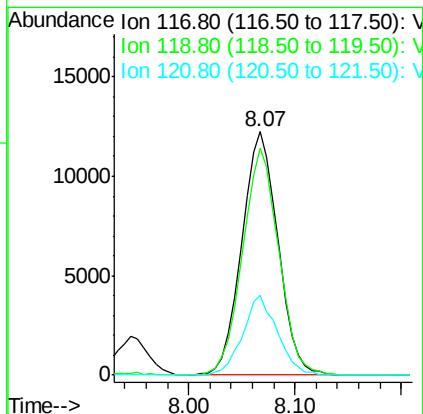
RT: 8.07 min Scan# 1011

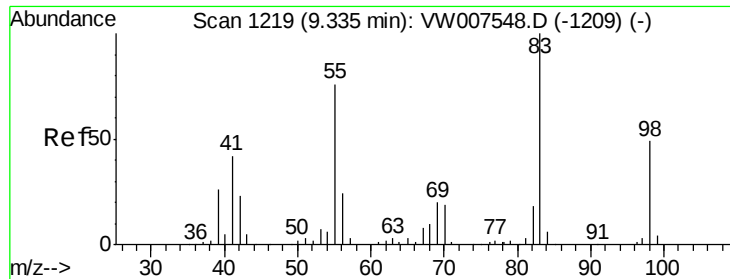
Delta R.T. -0.00 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Tgt Ion:	117	Resp:	29208
Ion Ratio	Lower	Upper	
117	100		
119	93.1	74.3	111.5
121	32.6	24.3	36.5





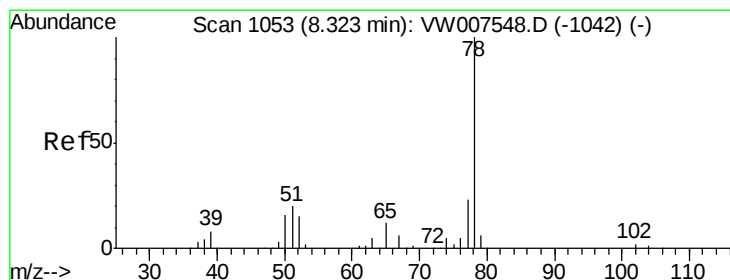
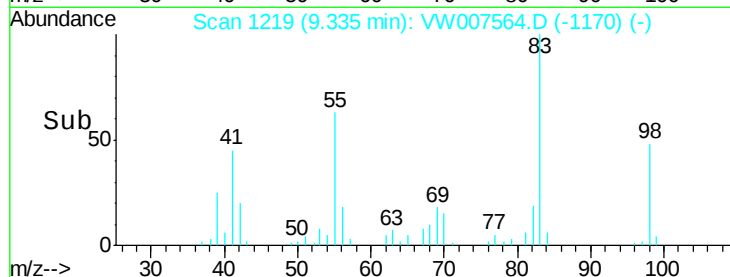
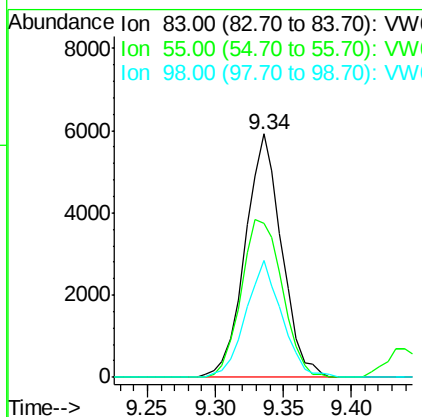
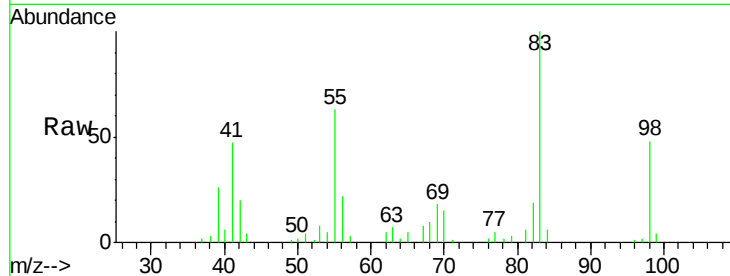
#39
Methylcyclohexane
Concen: 15.702 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	63.3	62.8	94.2
98	48.1	42.2	63.2

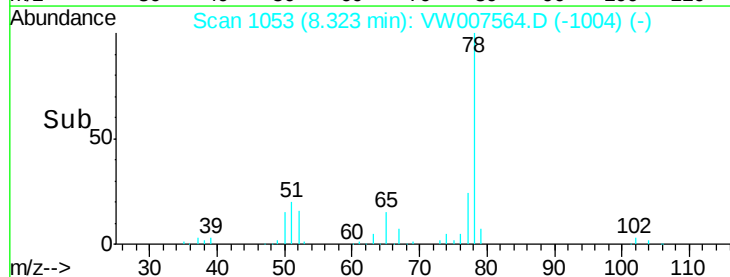
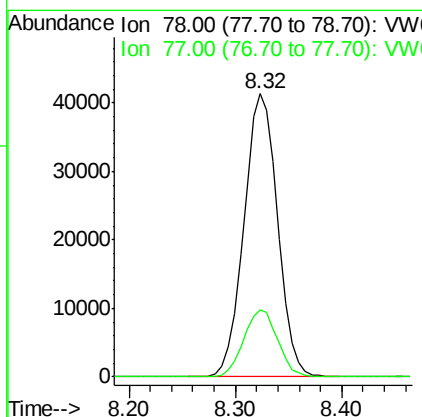
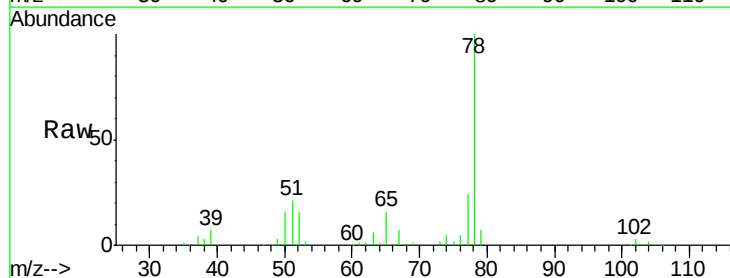
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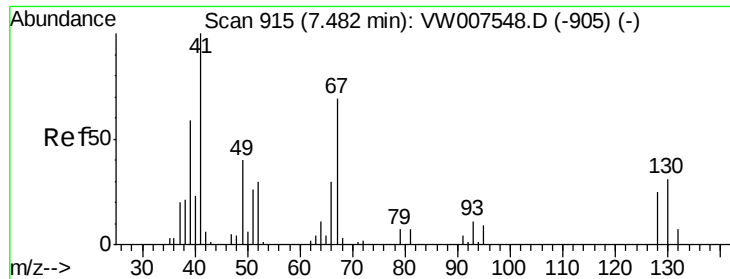
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#40
Benzene
Concen: 56.512 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





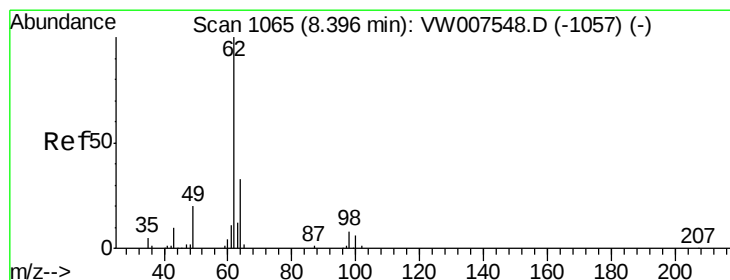
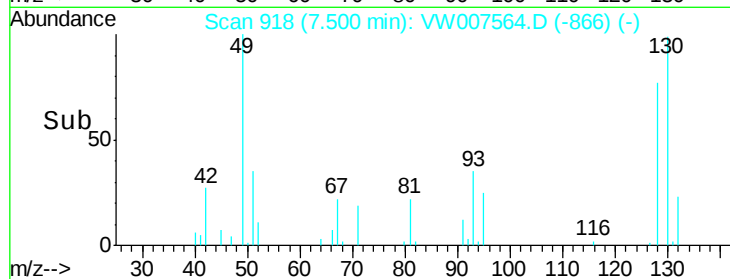
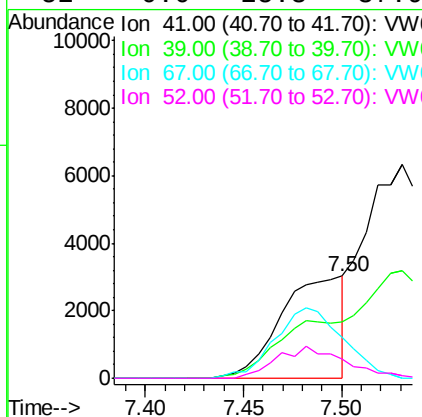
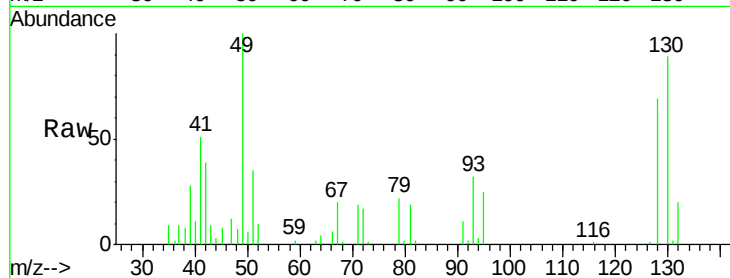
#41
Methacrylonitrile
Concen: 54.899 ug/l m
RT: 7.50 min Scan# 918
Delta R.T. 0.02 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion: 41 Resp: 6789
Ion Ratio Lower Upper
41 100
39 175.9 52.2 78.2#
67 0.0 60.5 90.7#
52 0.0 25.3 37.9#

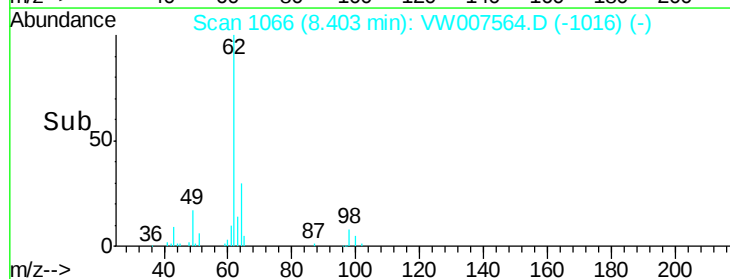
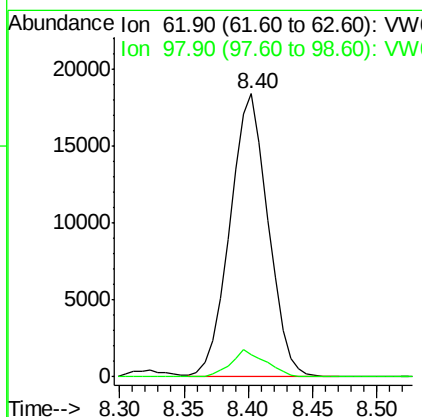
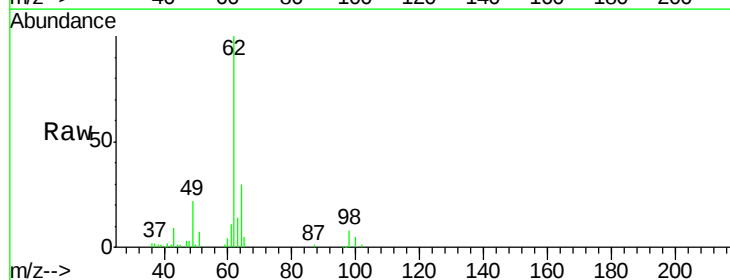
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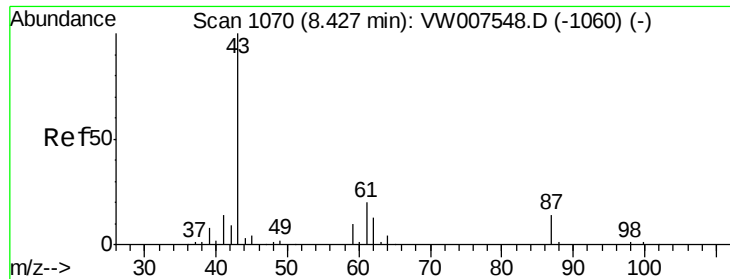
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#42
1,2-Dichloroethane
Concen: 74.569 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion: 62 Resp: 37955
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6





#43

Isopropyl Acetate

Concen: 37.535 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

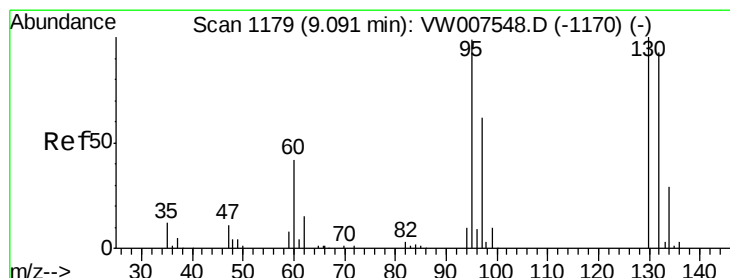
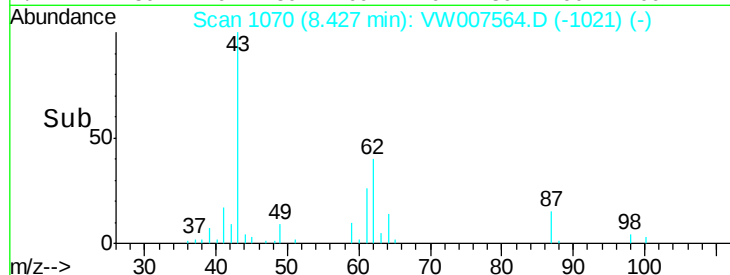
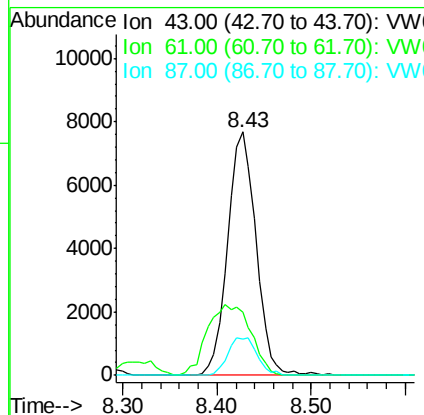
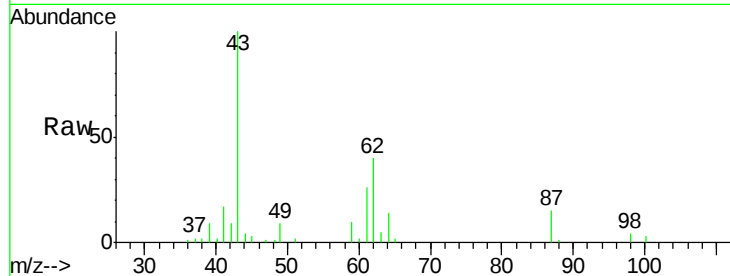
ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion:	43	Resp:	16101
Ion	Ratio	Lower	Upper
43	100		
61	44.2	25.3	37.9#
87	15.9	11.8	17.8

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#44

Trichloroethene

Concen: 47.824 ug/l

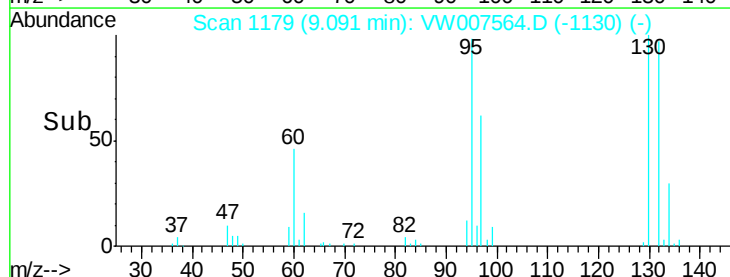
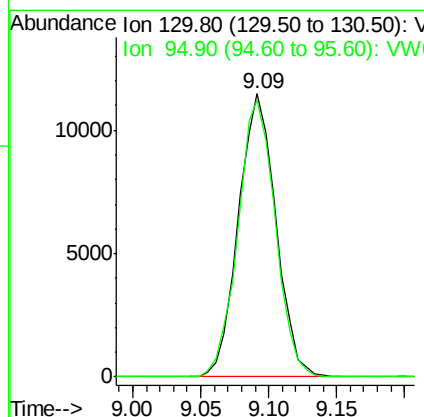
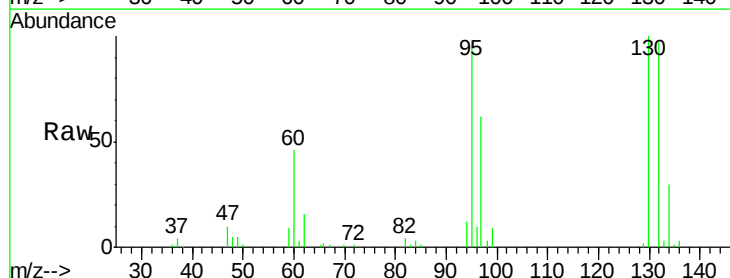
RT: 9.09 min Scan# 1179

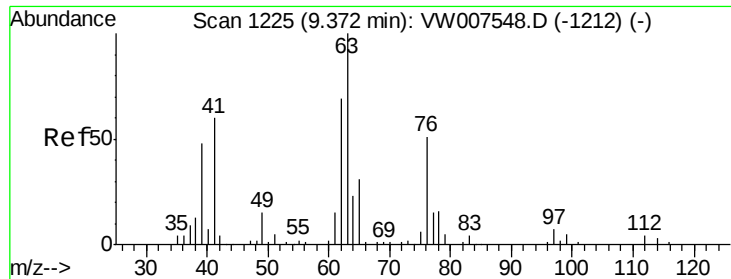
Delta R.T. -0.00 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Tgt Ion:	130	Resp:	22128
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	193.2





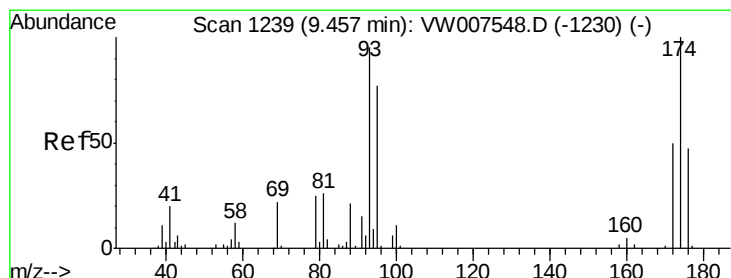
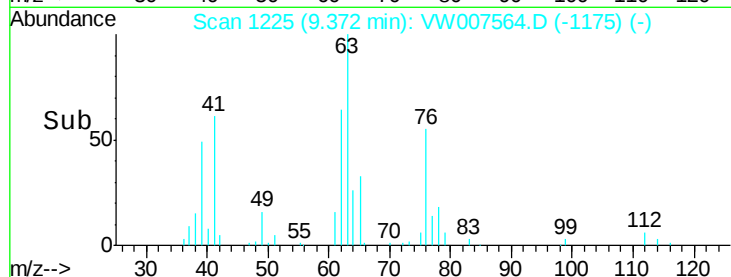
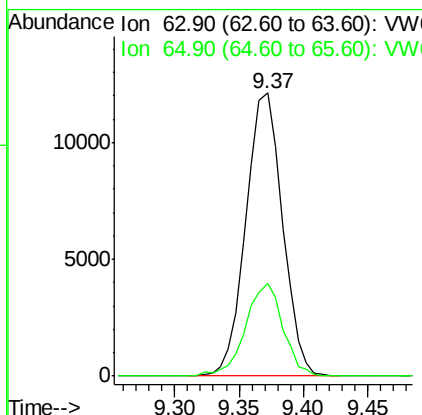
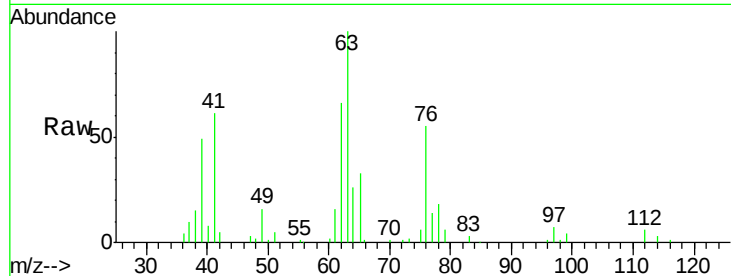
#45
 1,2-Dichloropropane
 Concen: 63.665 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MSD

Tgt Ion: 63 Resp: 23872
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.4 36.6

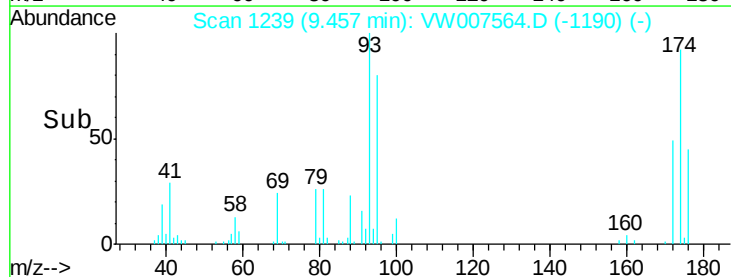
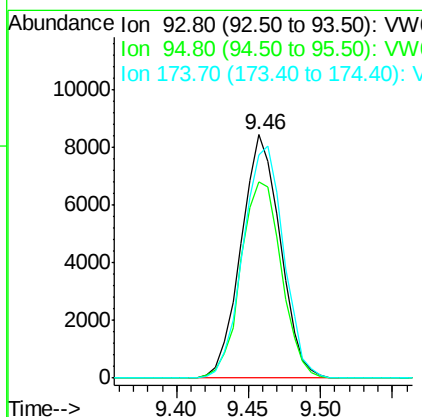
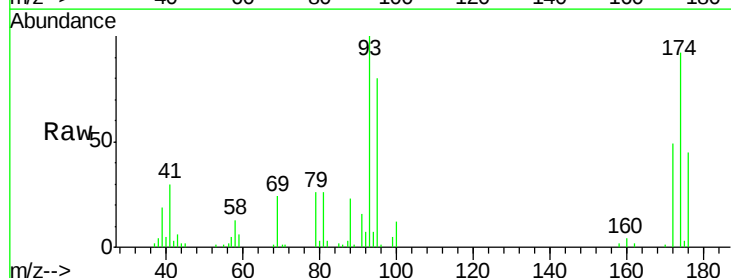
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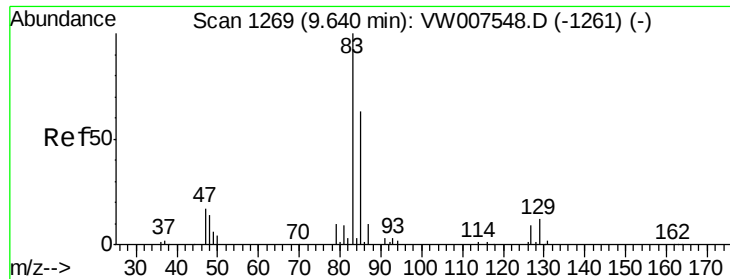
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#46
 Dibromomethane
 Concen: 74.689 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Tgt Ion: 93 Resp: 15904
 Ion Ratio Lower Upper
 93 100
 95 83.6 68.0 102.0
 174 98.7 83.2 124.8





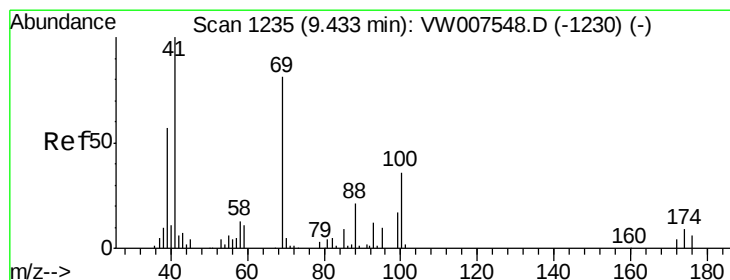
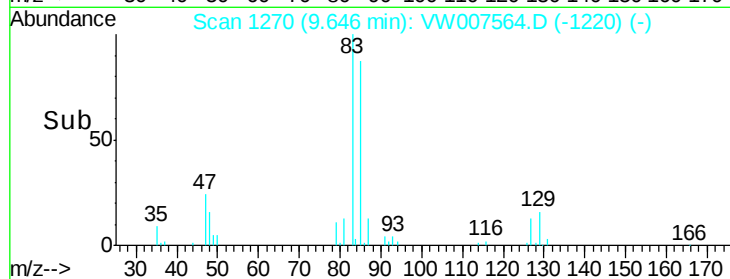
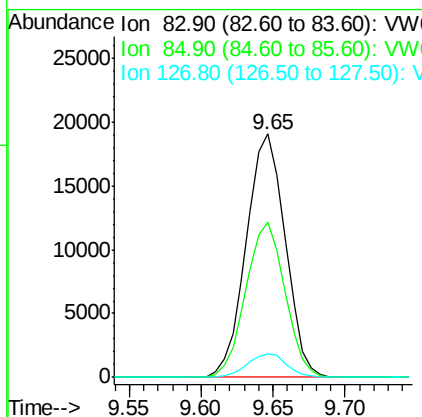
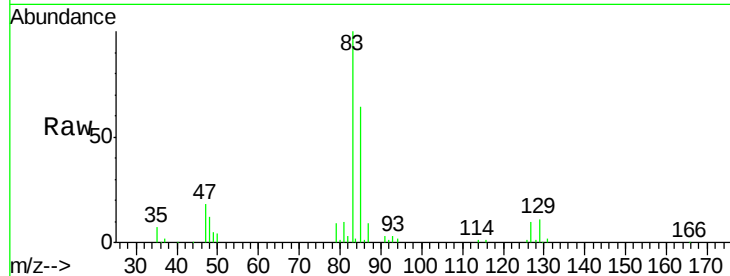
#47
Bromodichloromethane
Concen: 63.983 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	35737		
85	63.9	47.6	71.4	
127	9.6	6.7	10.1	

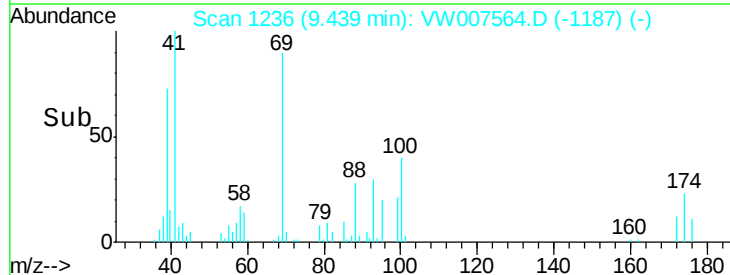
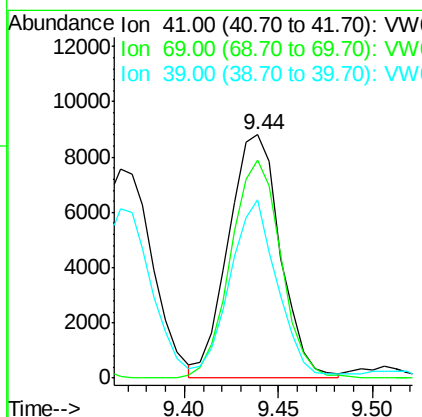
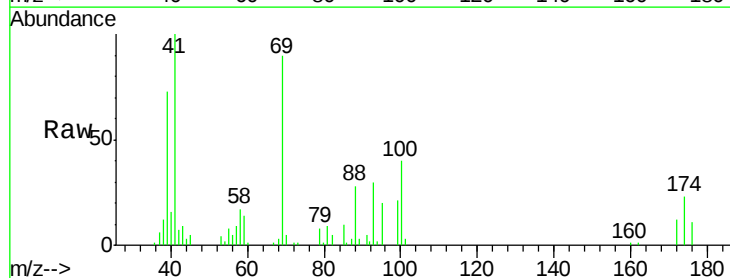
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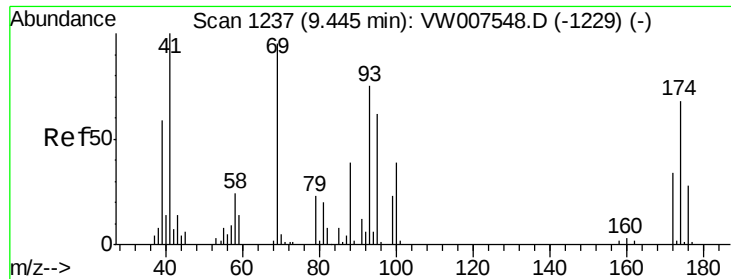
apatel
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#48
Methyl methacrylate
Concen: 76.539 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	16862		
69	86.4	69.8	104.8	
39	67.3	50.9	76.3	





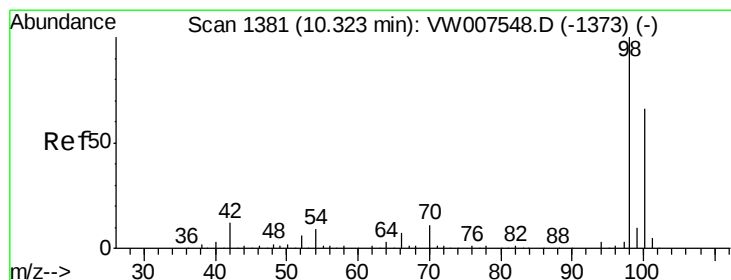
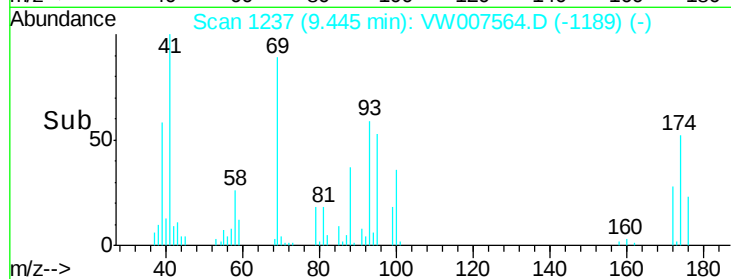
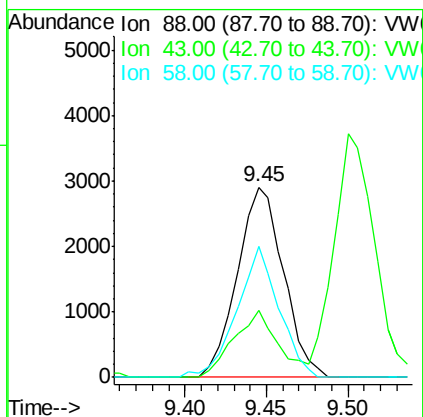
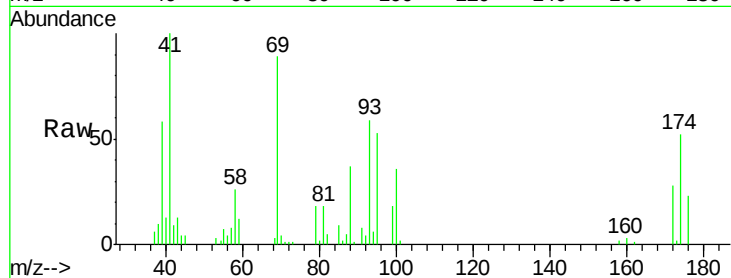
#49
1,4-Dioxane
Concen: 1648.607 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.7	25.0	37.4
58	62.9	51.4	77.2

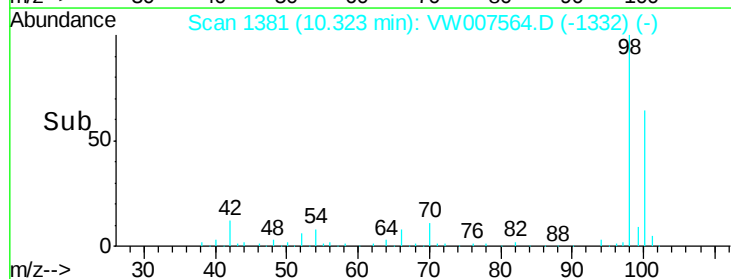
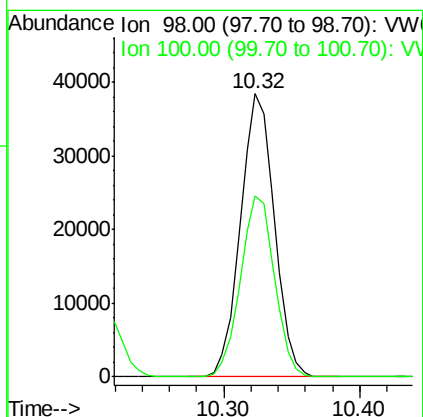
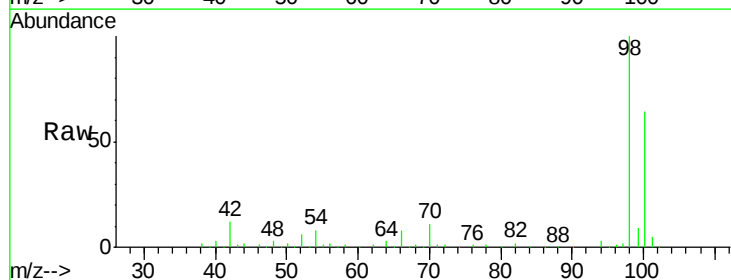
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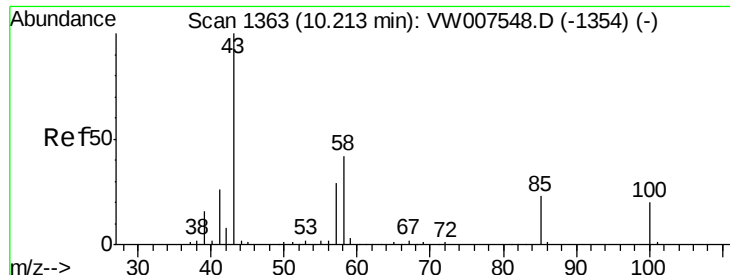
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#50
Toluene-d8
Concen: 46.035 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.8	77.8





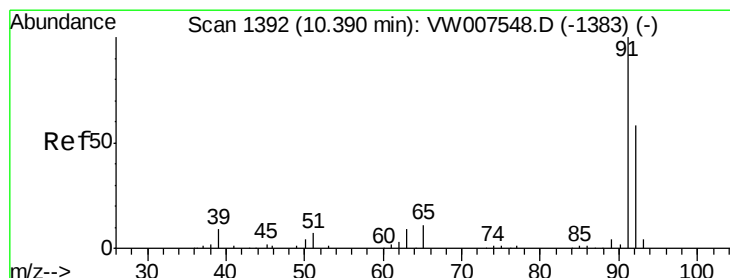
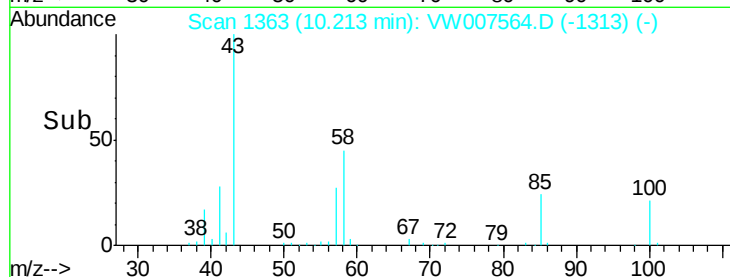
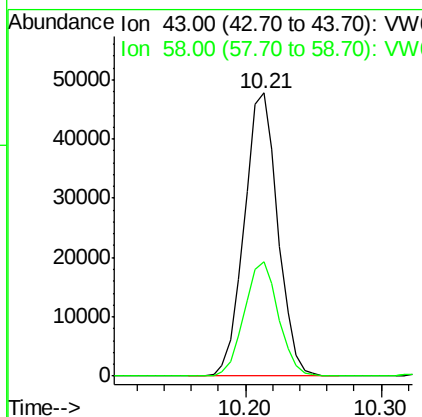
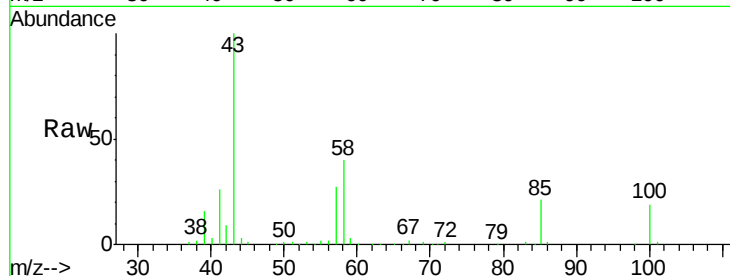
#51
4-Methyl-2-Pentanone
Concen: 407.217 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion: 43 Resp: 82536
Ion Ratio Lower Upper
43 100
58 41.2 33.1 49.7

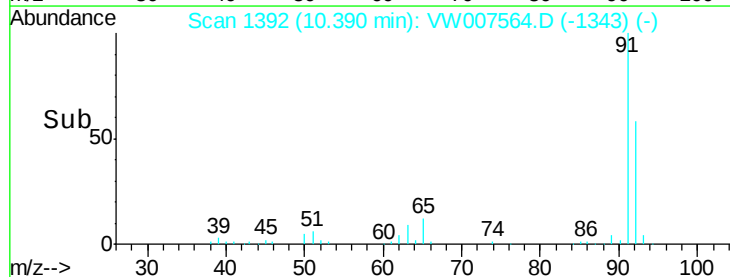
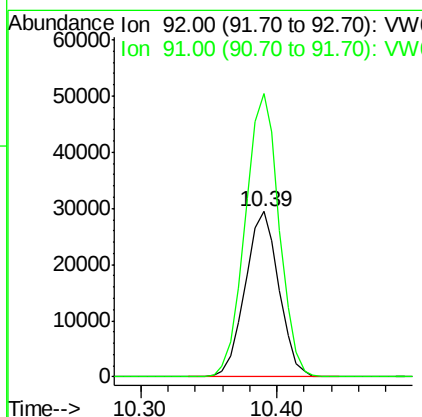
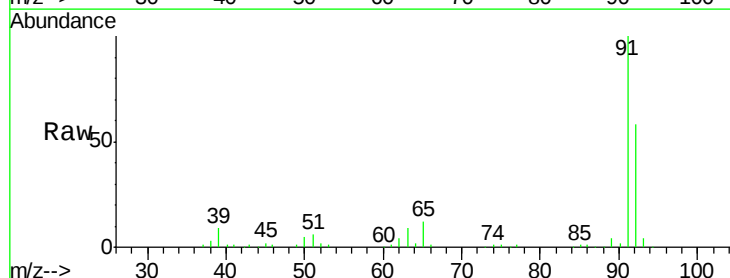
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#52
Toluene
Concen: 48.642 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion: 92 Resp: 51006
Ion Ratio Lower Upper
92 100
91 172.3 136.2 204.2





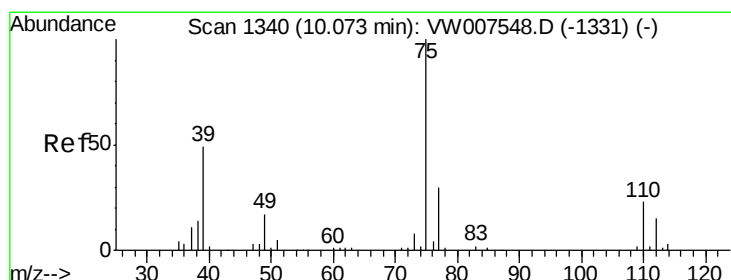
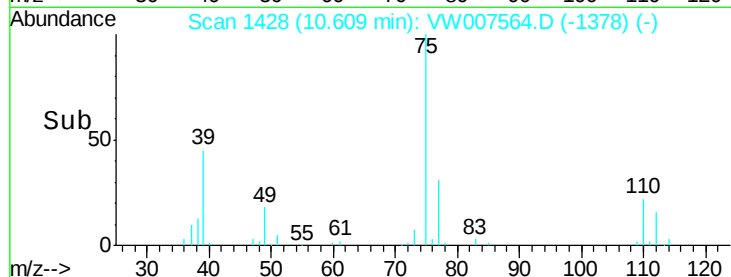
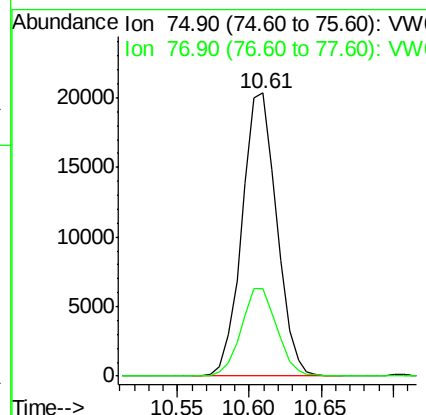
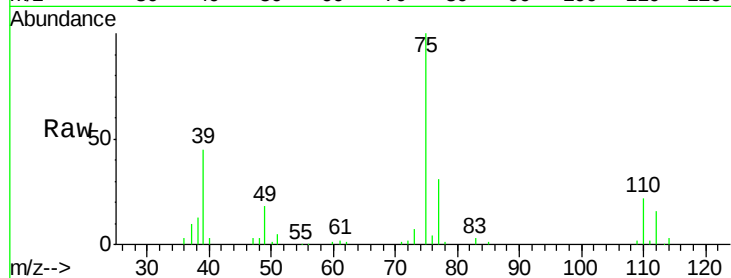
#53
 t-1,3-Dichloropropene
 Concen: 62.658 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MSD

Tgt Ion: 75 Resp: 33976
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.2 39.4

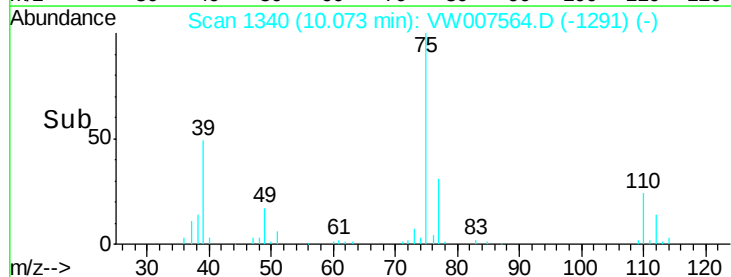
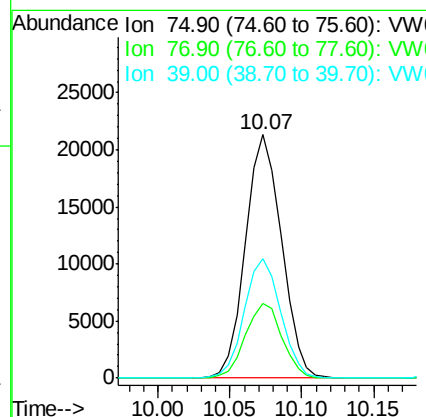
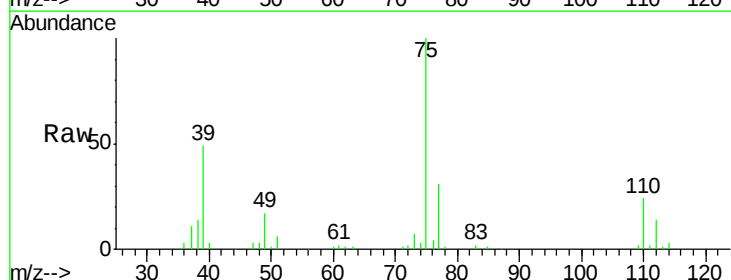
Manual Integrations
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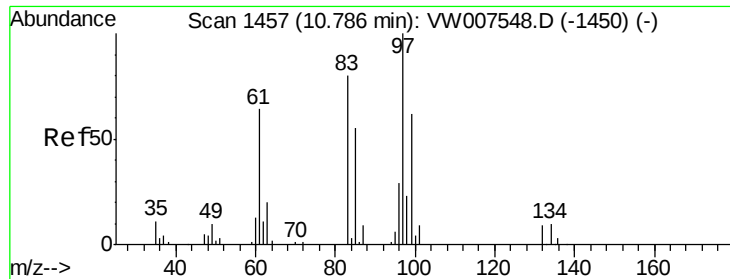
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#54
 cis-1,3-Dichloropropene
 Concen: 58.942 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Tgt Ion: 75 Resp: 36947
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.8 37.2
 39 49.3 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 72.472 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

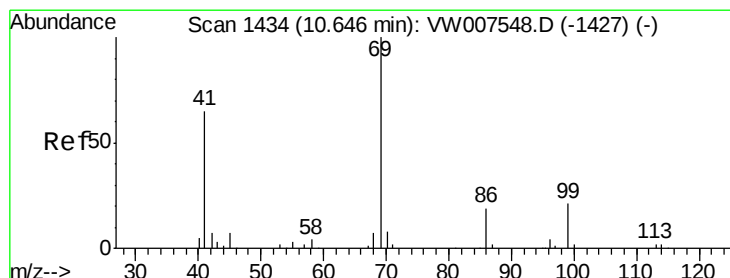
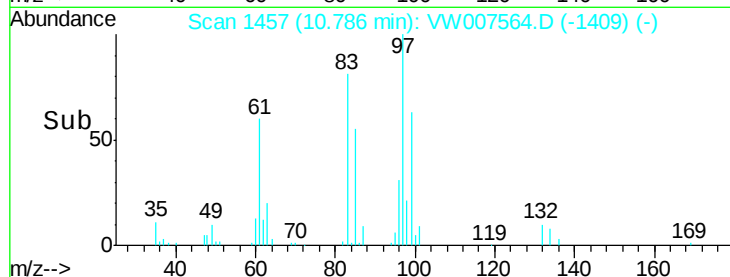
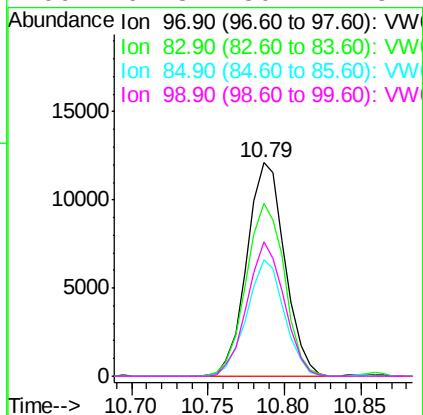
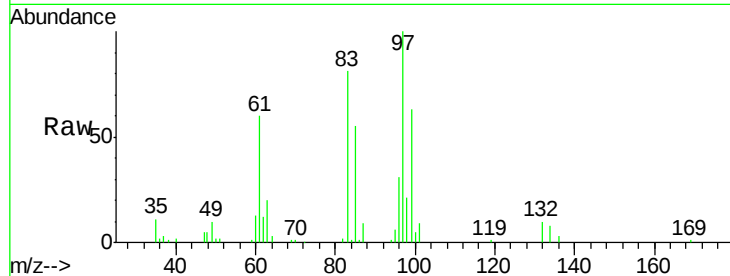
ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion:	97	Resp:	21003
Ion	Ratio	Lower	Upper
97	100		
83	81.2	62.1	93.1
85	54.7	44.2	66.4
99	62.8	50.2	75.4

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#56

Ethyl methacrylate

Concen: 19.231 ug/l

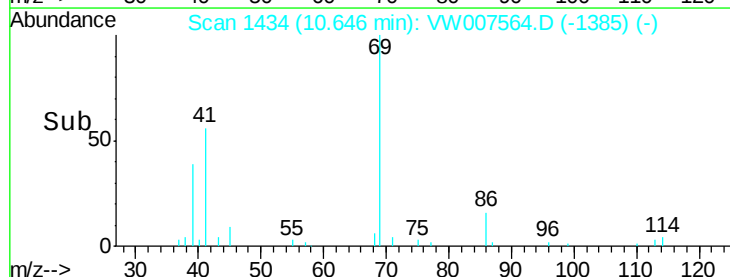
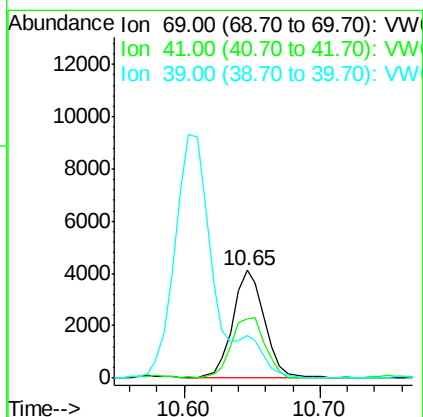
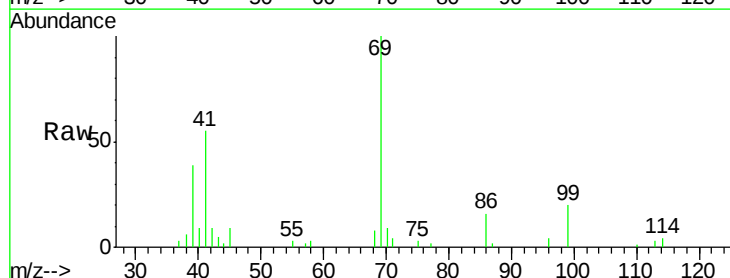
RT: 10.65 min Scan# 1434

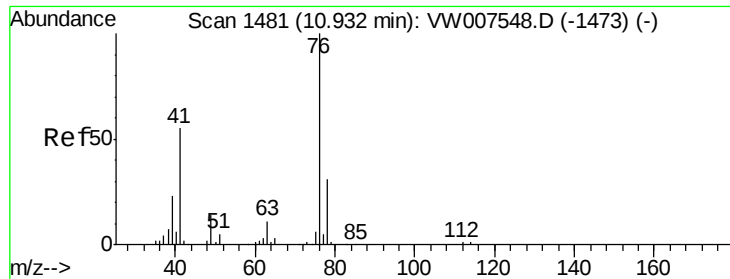
Delta R.T. -0.00 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Tgt Ion:	69	Resp:	6699
Ion	Ratio	Lower	Upper
69	100		
41	60.1	51.0	76.6
39	0.0	30.8	46.2#





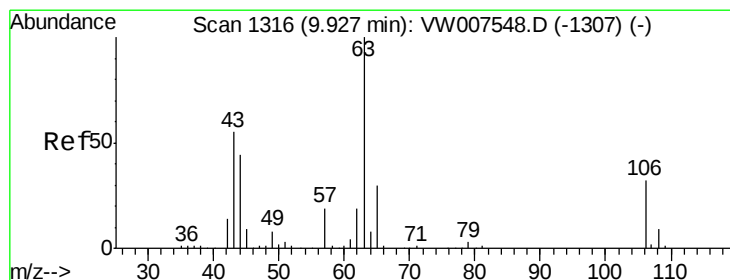
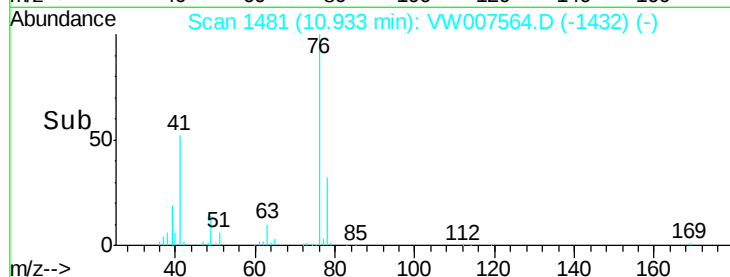
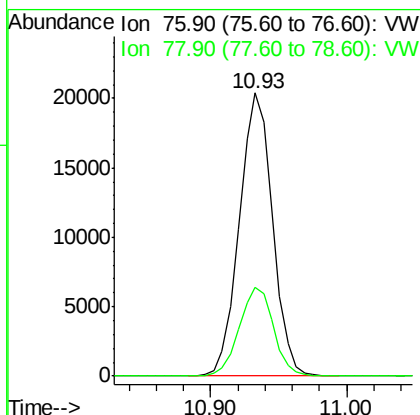
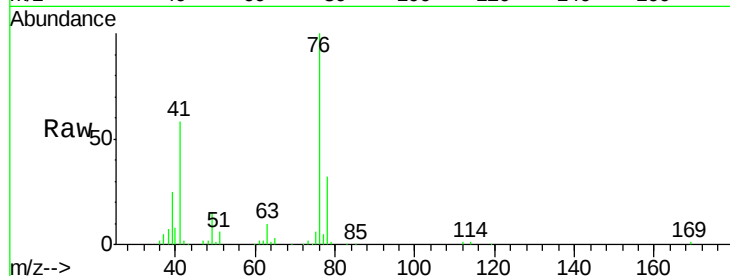
#57
 1,3-Dichloropropane
 Concen: 72.871 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MSD

Tgt Ion: 76 Resp: 34663
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.4

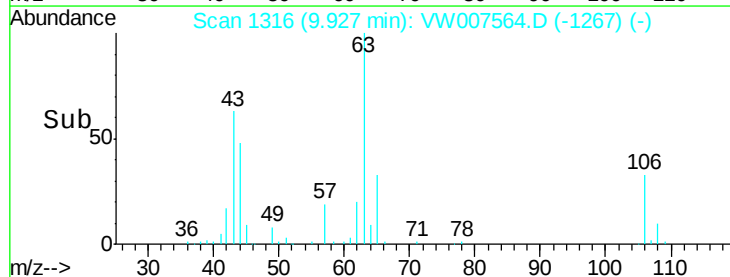
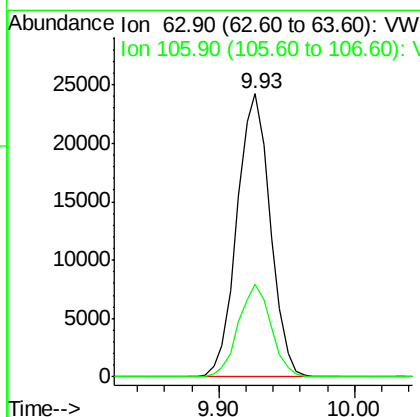
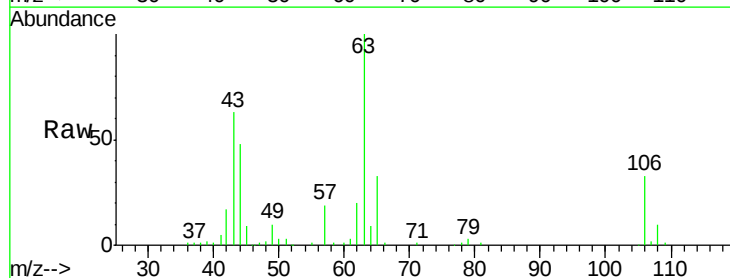
Manual Integrations
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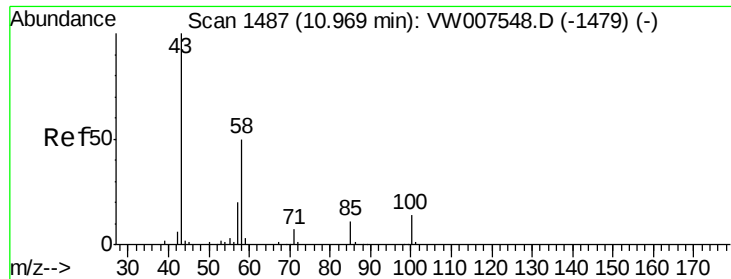
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 257.093 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Tgt Ion: 63 Resp: 41298
 Ion Ratio Lower Upper
 63 100
 106 32.0 25.0 37.6





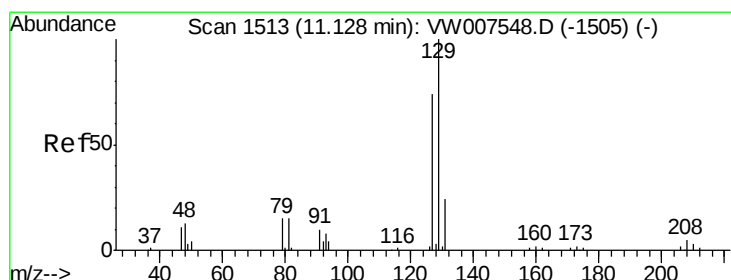
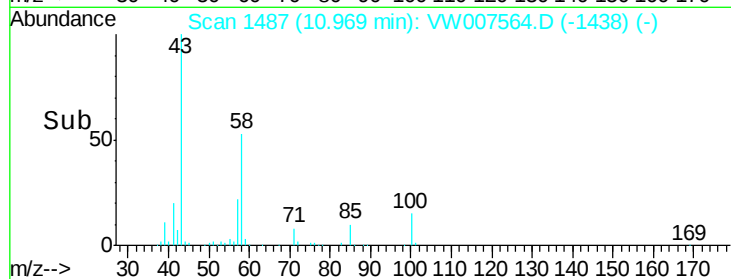
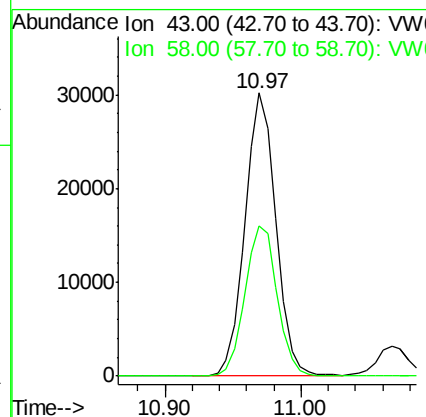
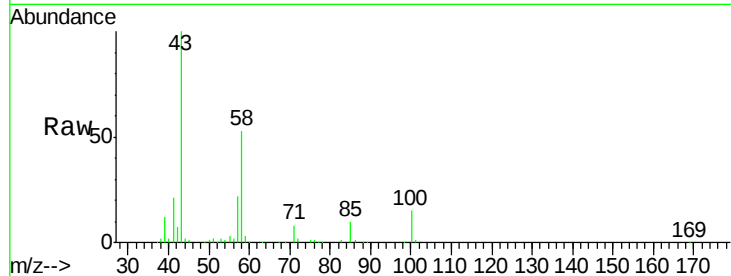
#59
2-Hexanone
Concen: 355.615 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion: 43 Resp: 48061
Ion Ratio Lower Upper
43 100
58 55.4 27.1 81.3

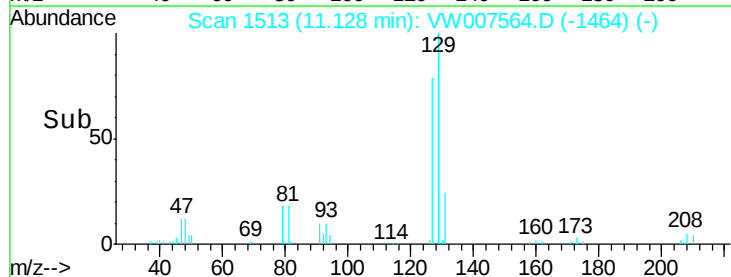
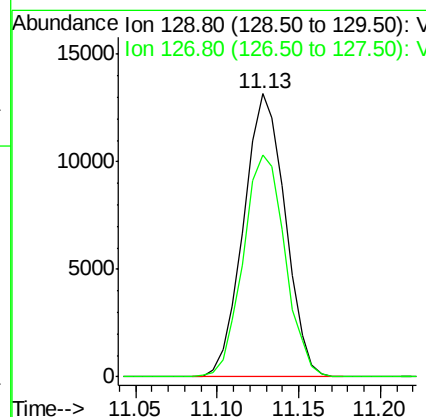
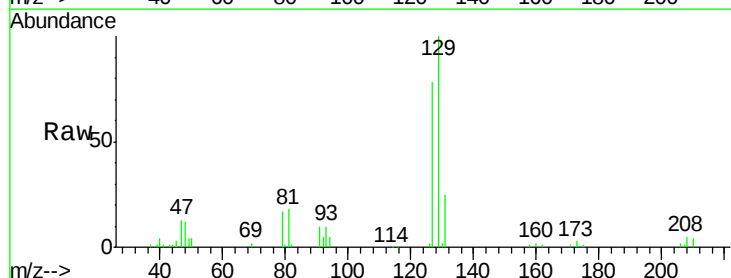
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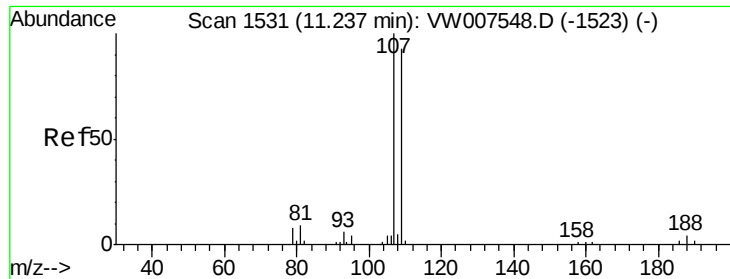
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#60
Dibromochloromethane
Concen: 63.986 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion: 129 Resp: 23402
Ion Ratio Lower Upper
129 100
127 78.8 38.1 114.3





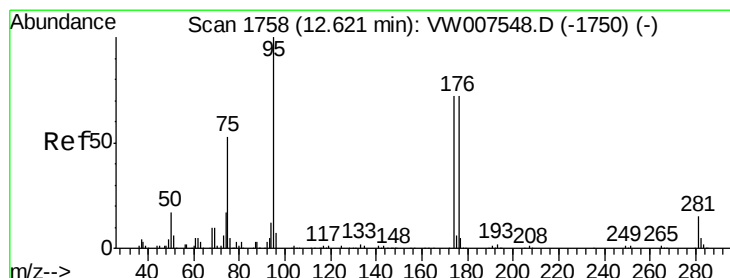
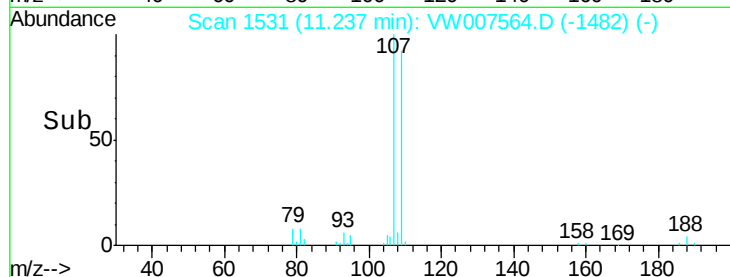
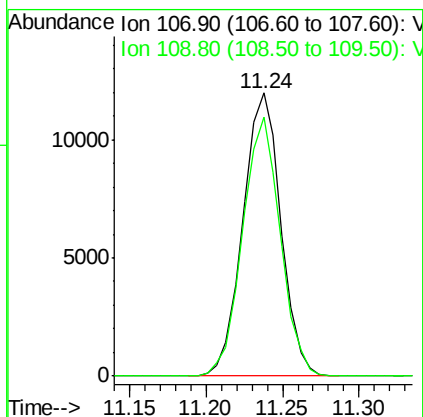
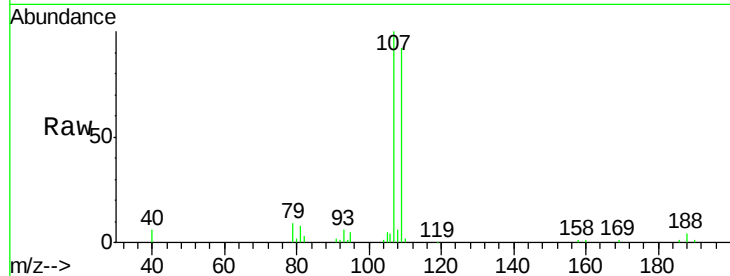
#61
1,2-Dibromoethane
Concen: 71.928 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion: 107 Resp: 20600
Ion Ratio Lower Upper
107 100
109 91.1 79.1 118.7

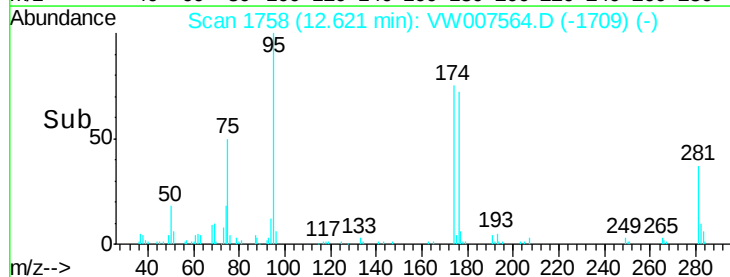
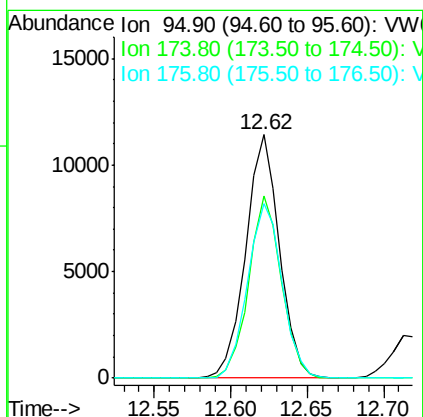
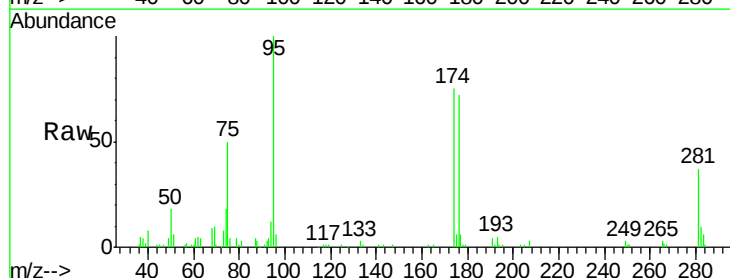
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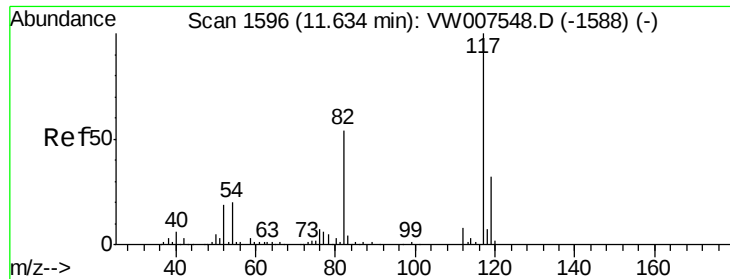
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#62
4-Bromofluorobenzene
Concen: 32.684 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion: 95 Resp: 17457
Ion Ratio Lower Upper
95 100
174 72.3 0.0 147.2
176 73.8 0.0 138.8





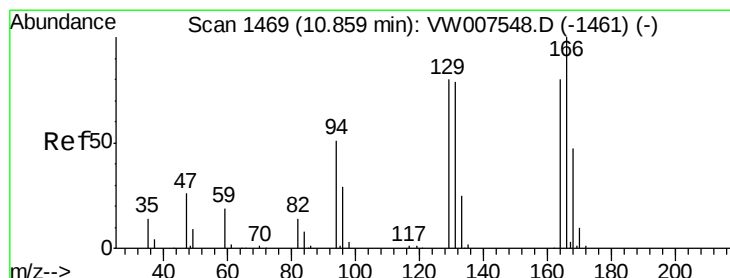
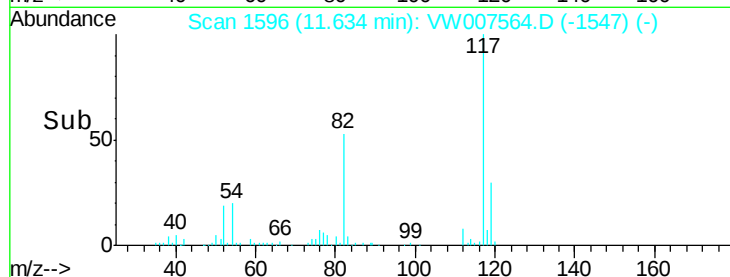
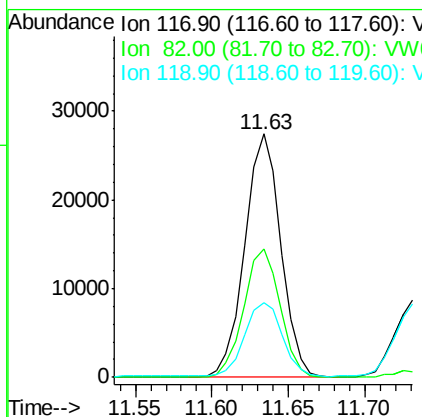
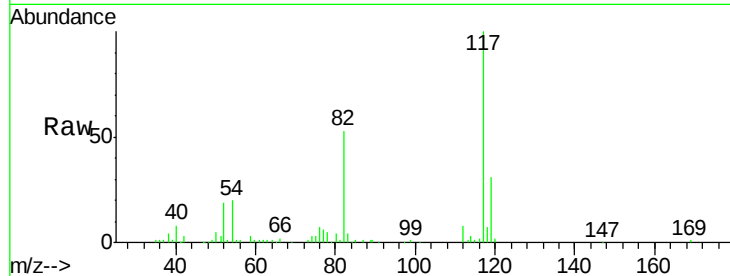
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.3	63.5
119	30.0	23.0	34.6

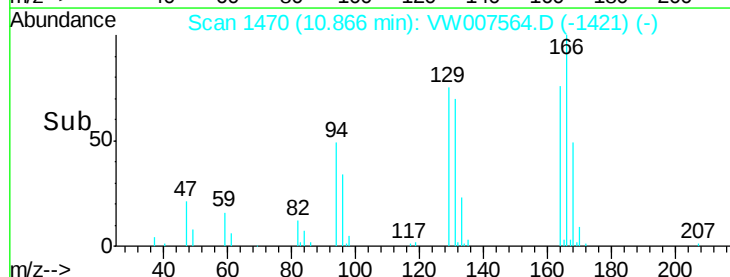
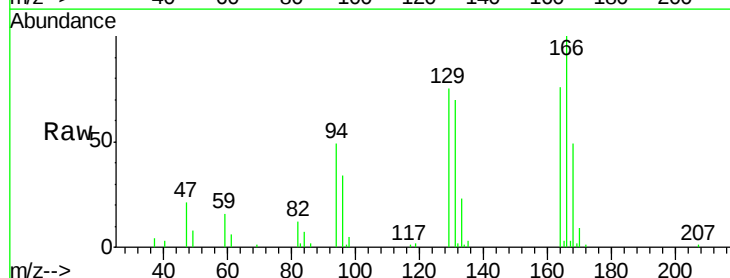
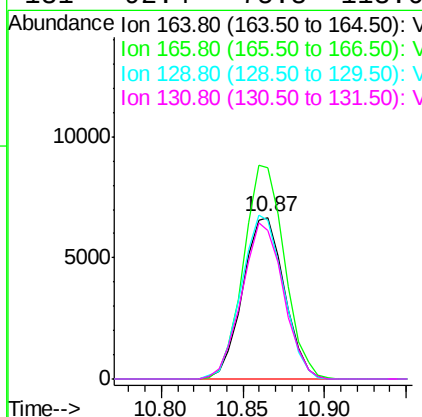
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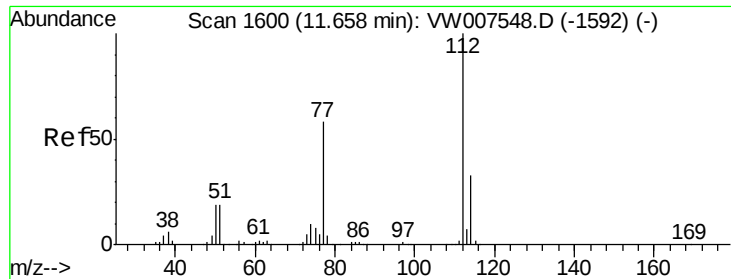
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#64
Tetrachloroethene
Concen: 36.685 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	107.9	161.9
129	98.7	73.4	110.2
131	92.4	75.8	113.6





#65

Chlorobenzene

Concen: 51.579 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion:112 Resp: 48242

Ion Ratio Lower Upper

112 100

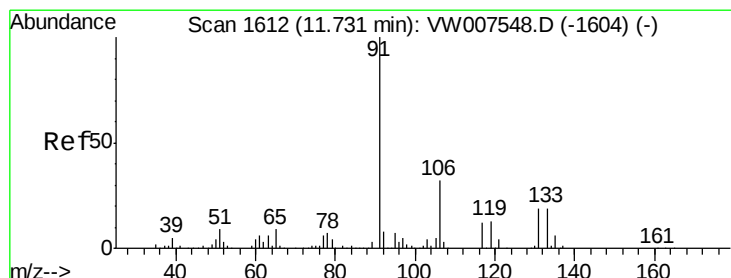
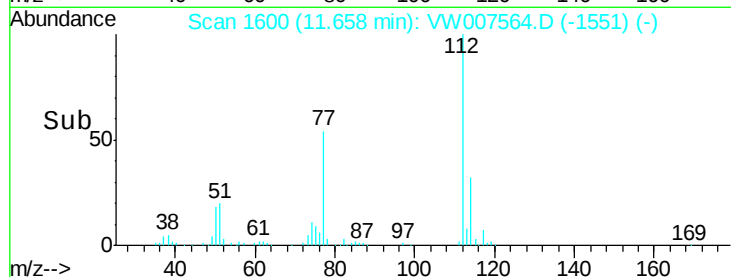
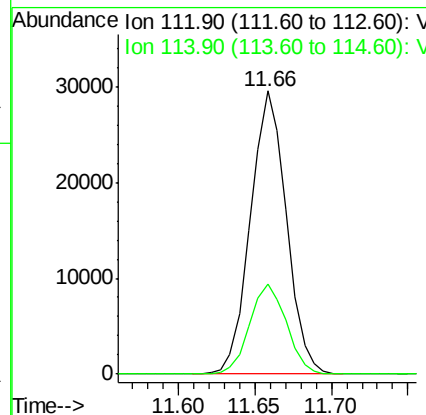
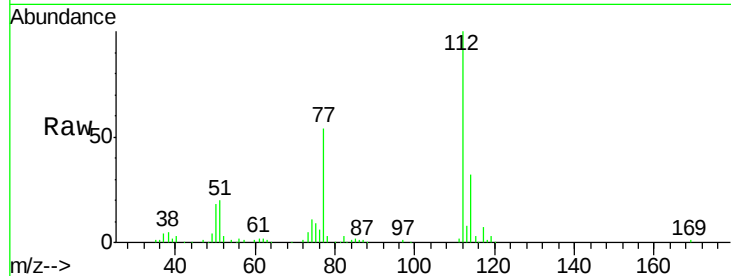
114 31.7 27.8 41.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 66.549 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

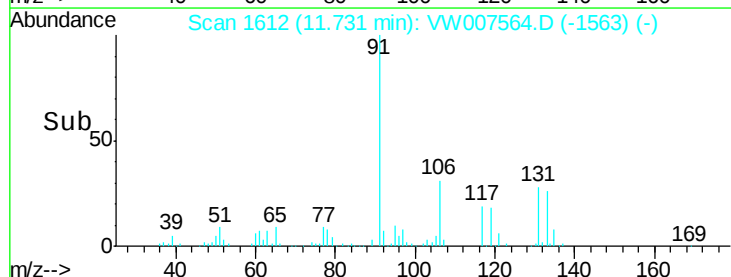
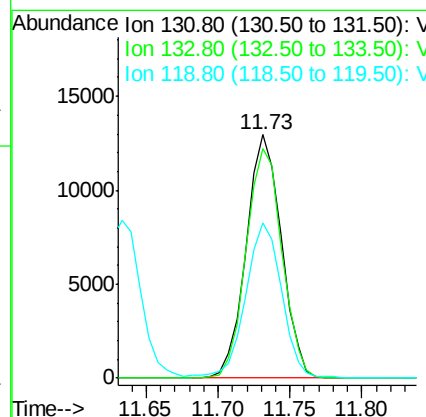
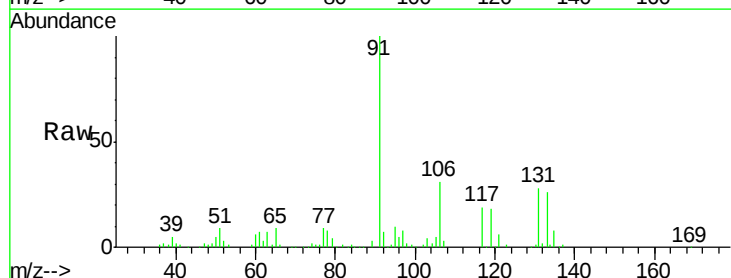
Tgt Ion:131 Resp: 21922

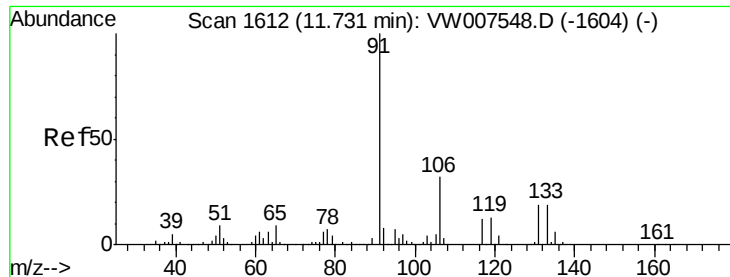
Ion Ratio Lower Upper

131 100

133 95.7 47.1 141.4

119 64.7 31.3 93.9





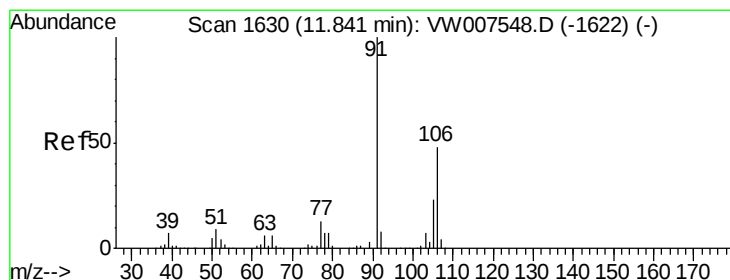
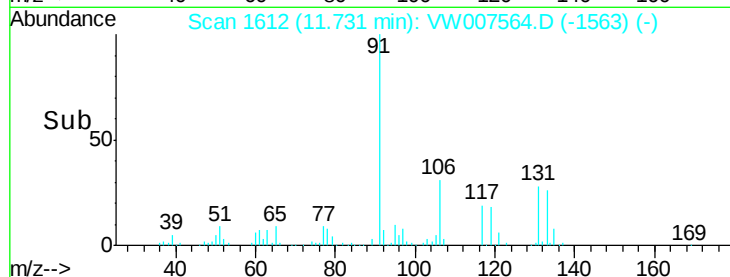
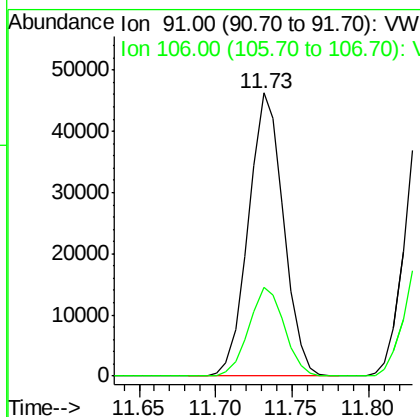
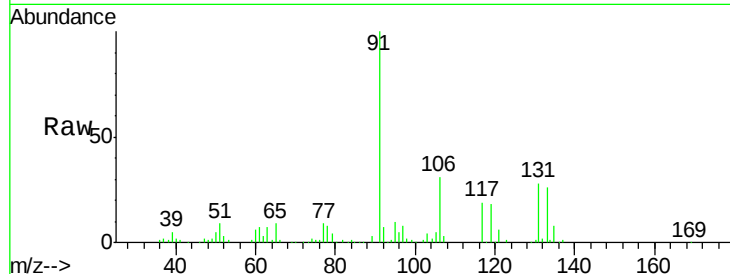
#67
Ethyl Benzene
Concen: 45.950 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion: 91 Resp: 73889
Ion Ratio Lower Upper
91 100
106 31.2 21.8 32.8

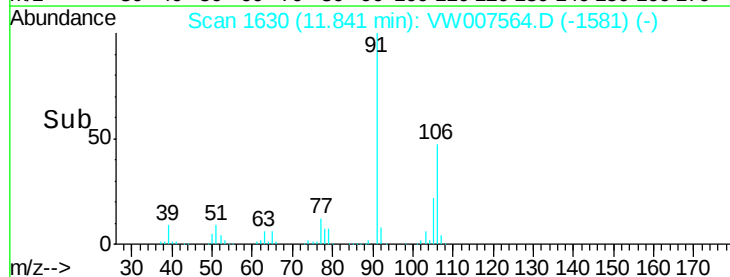
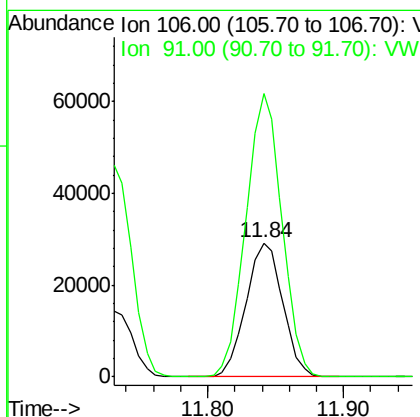
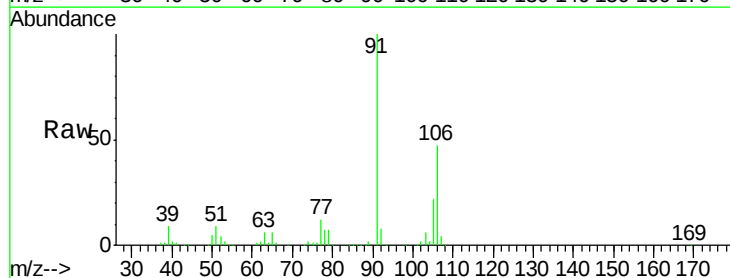
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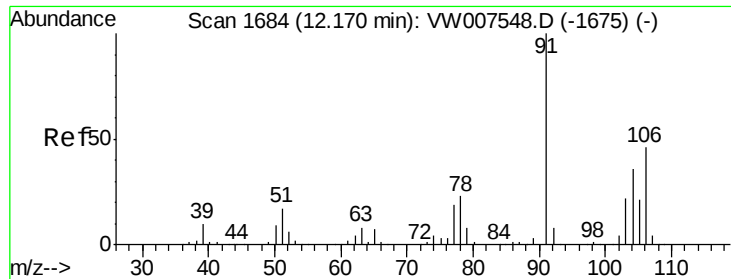
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#68
m/p-Xylenes
Concen: 88.216 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion: 106 Resp: 55147
Ion Ratio Lower Upper
106 100
91 207.7 165.3 247.9





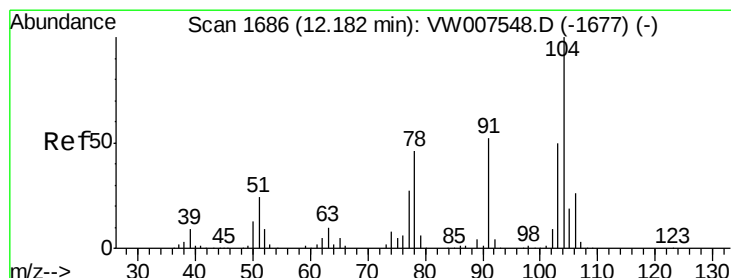
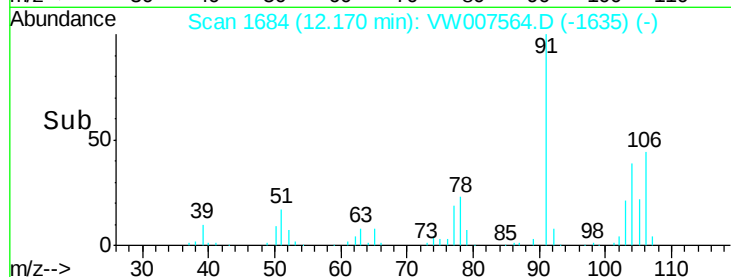
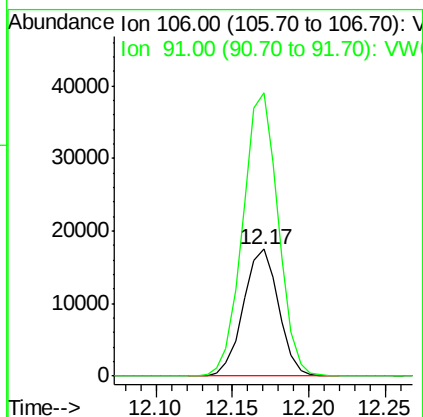
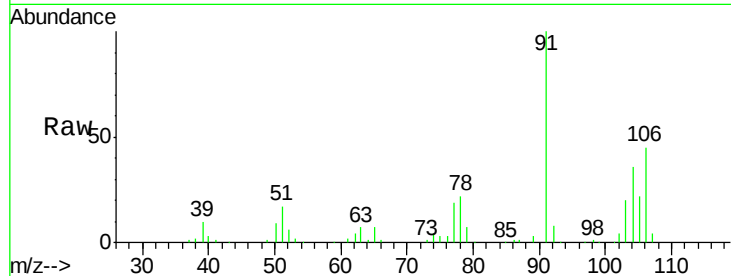
#69
o-Xylene
Concen: 47.947 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion:106 Resp: 27993
Ion Ratio Lower Upper
106 100
91 222.9 106.6 319.8

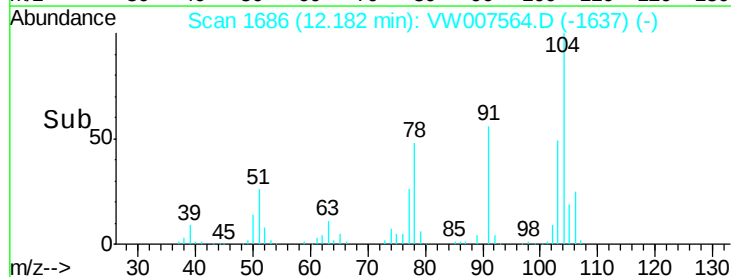
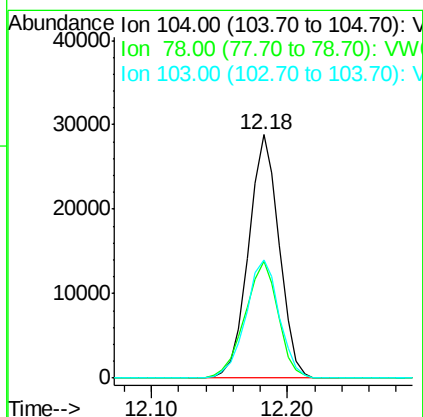
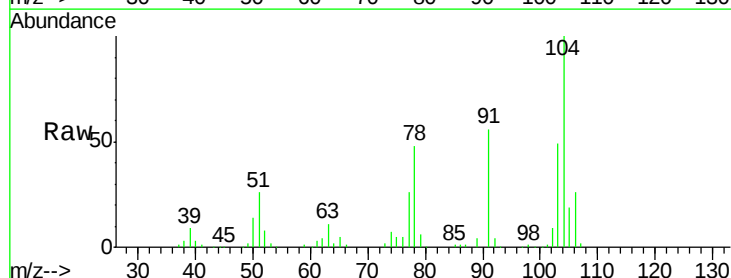
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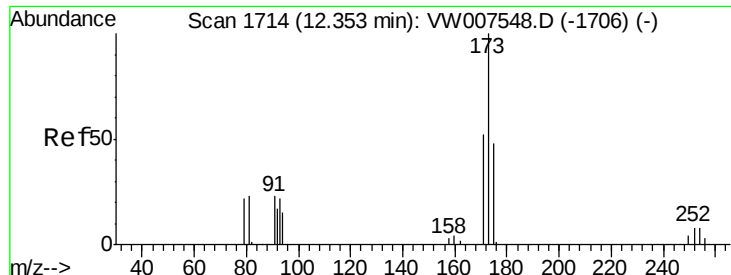
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#70
Styrene
Concen: 48.226 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion:104 Resp: 45478
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.8
103 52.9 46.6 69.8





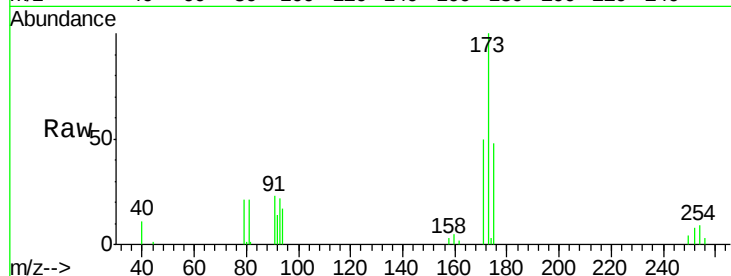
#71
Bromoform
Concen: 70.122 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

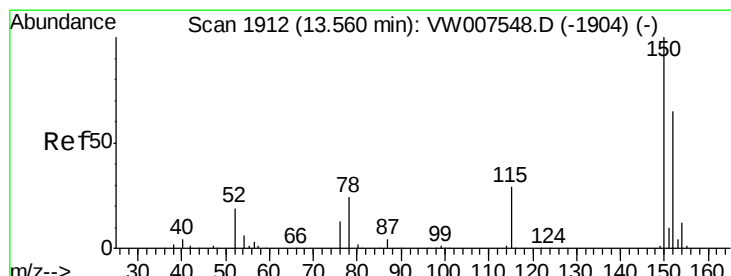
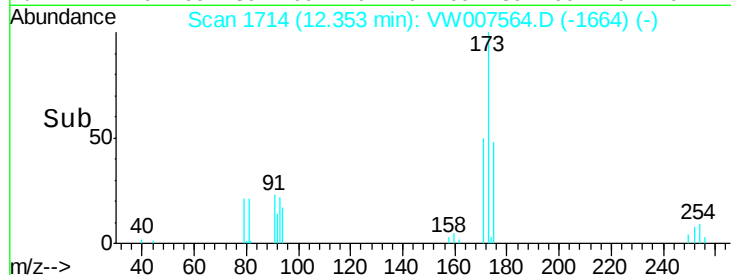
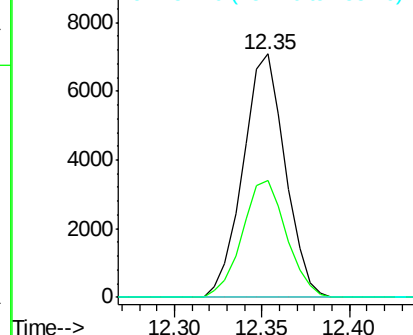
Tgt Ion:173 Resp: 11823
Ion Ratio Lower Upper
173 100
175 50.7 23.6 70.8
254 0.0 0.0 0.0

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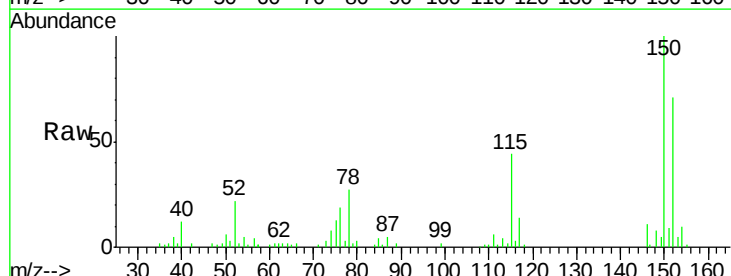


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

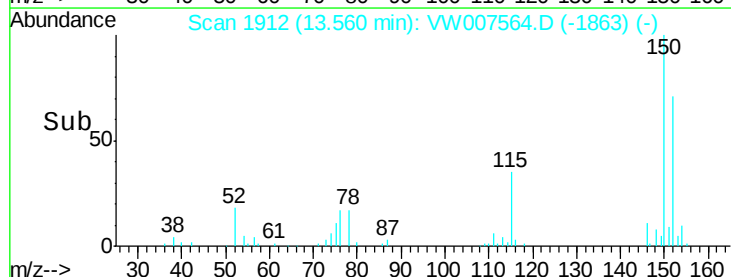
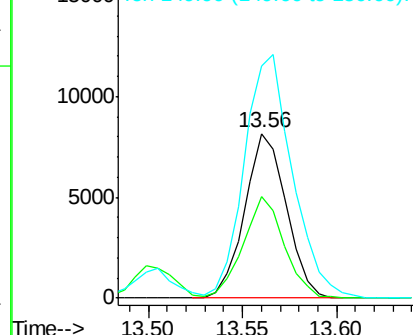


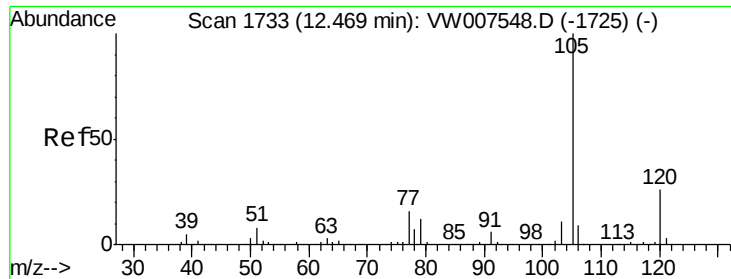
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion:152 Resp: 12496
Ion Ratio Lower Upper
152 100
115 61.0 31.4 94.2
150 171.1 0.0 358.4



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





#73

Isopropylbenzene

Concen: 58.514 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion: 105 Resp: 56027

Ion Ratio Lower Upper

105 100

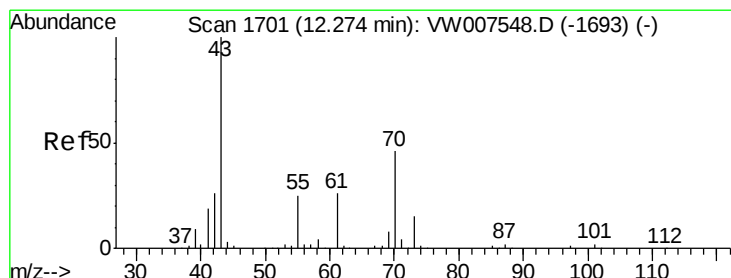
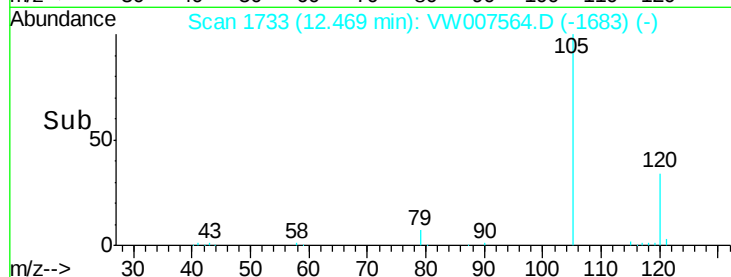
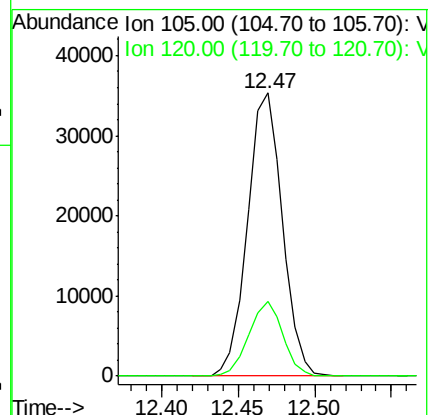
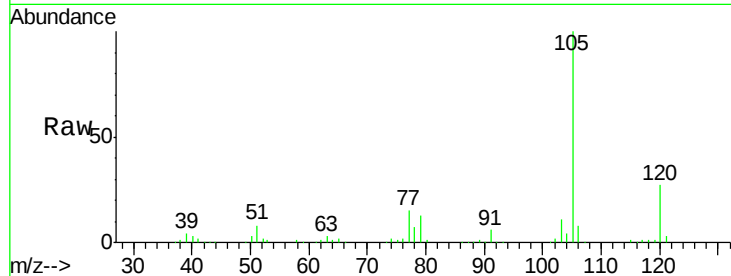
120 25.8 12.8 38.4

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#74

N-ethyl acetate

Concen: 18.240 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Tgt Ion: 43 Resp: 3174

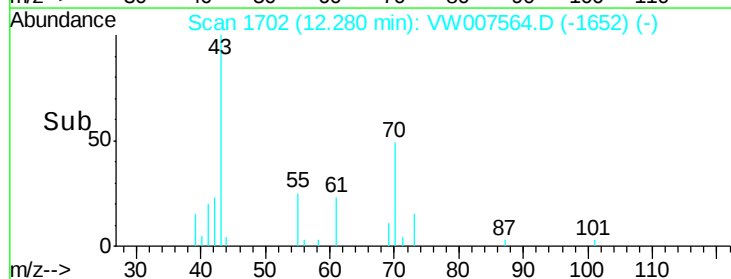
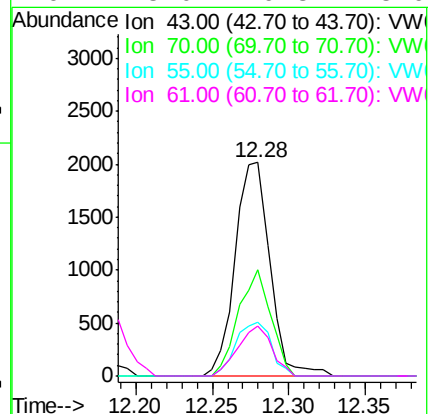
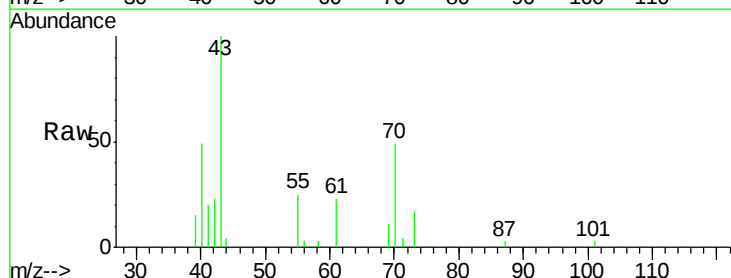
Ion Ratio Lower Upper

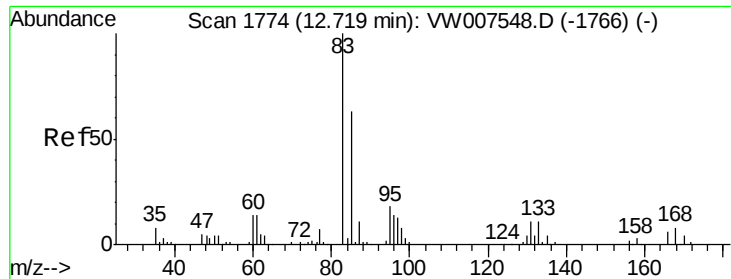
43 100

70 46.0 36.5 54.7

55 25.6 20.1 30.1

61 23.0 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 132.990 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

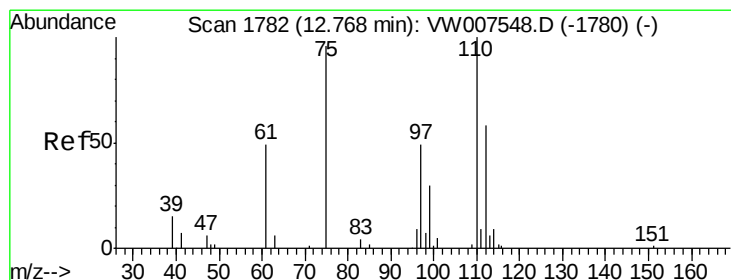
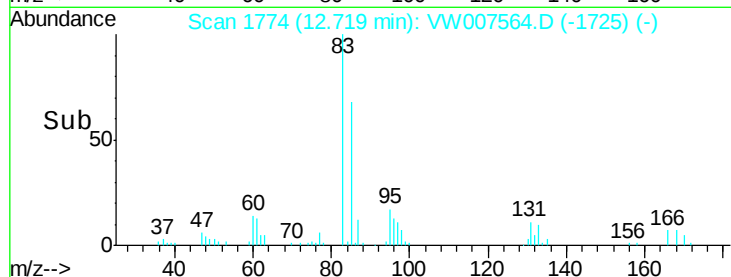
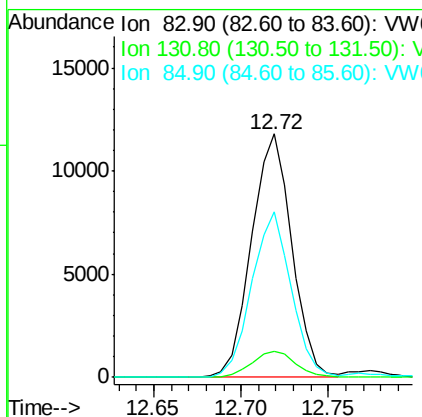
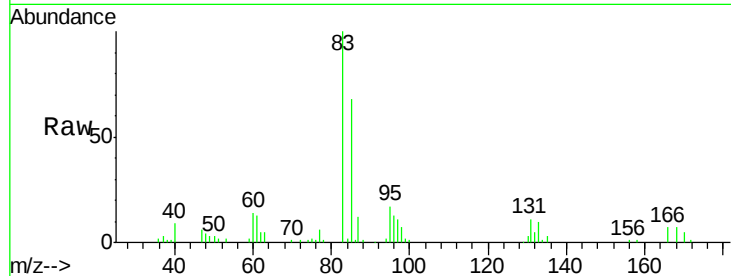
ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion:	83	Resp:	18860
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.9	17.8
85	66.6	30.0	90.0

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#76

1,2,3-Trichloropropane

Concen: 156.911 ug/l m

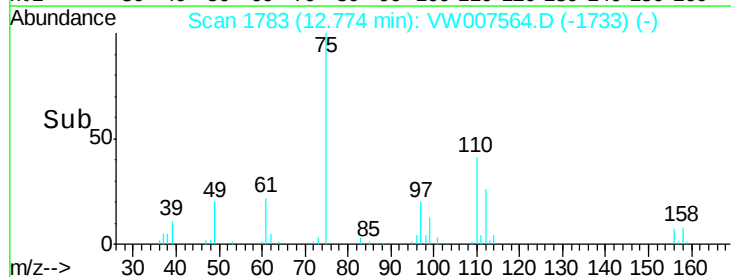
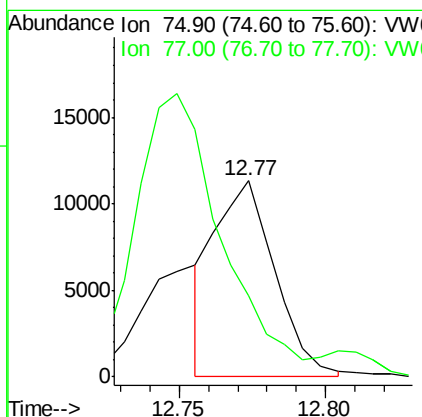
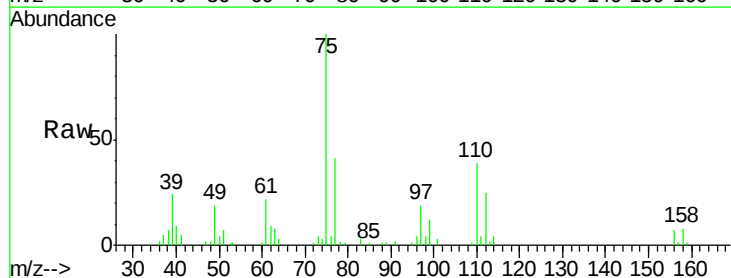
RT: 12.77 min Scan# 1783

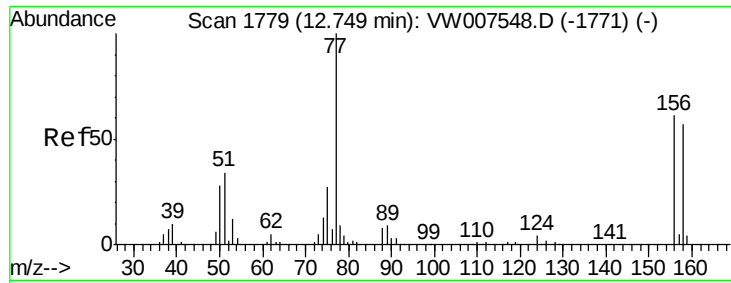
Delta R.T. 0.01 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Tgt Ion:	75	Resp:	16167
Ion Ratio	Lower	Upper	
75	100		
77	0.0	166.9	500.8#





#77

Bromobenzene

Concen: 77.521 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

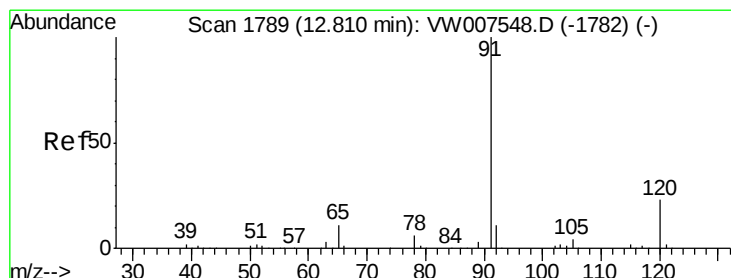
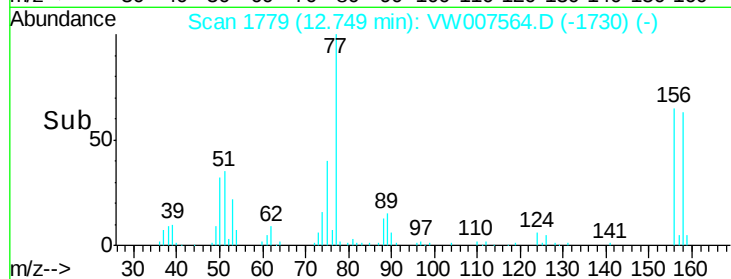
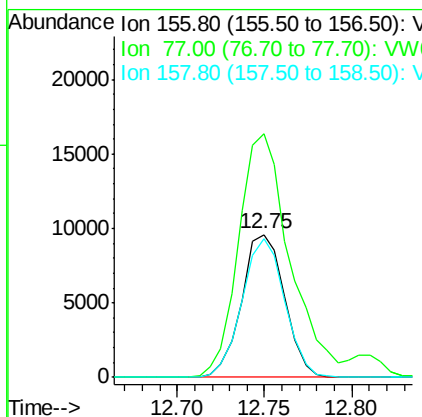
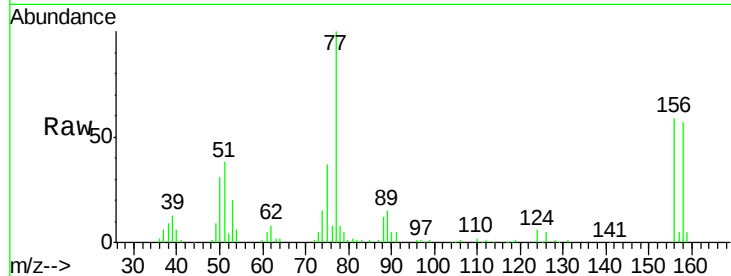
ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
156	100		
77	203.0	88.1	264.4
158	96.1	45.6	136.7

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#78

n-propylbenzene

Concen: 49.426 ug/l

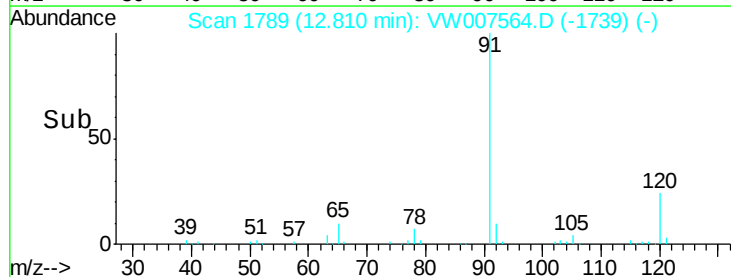
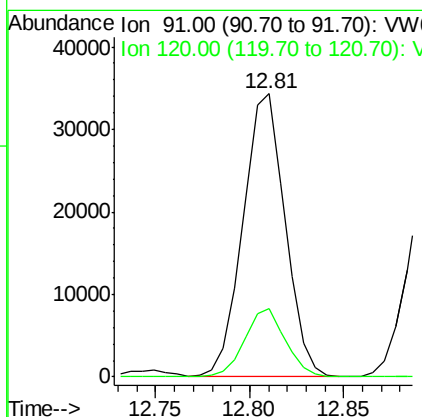
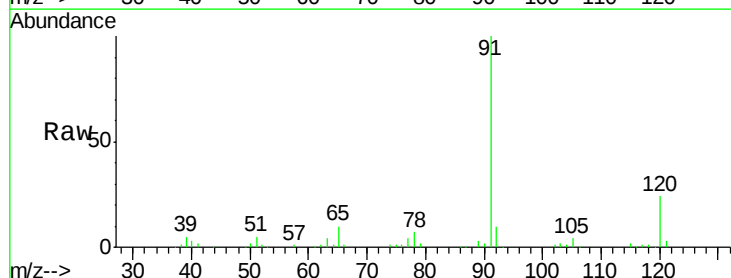
RT: 12.81 min Scan# 1789

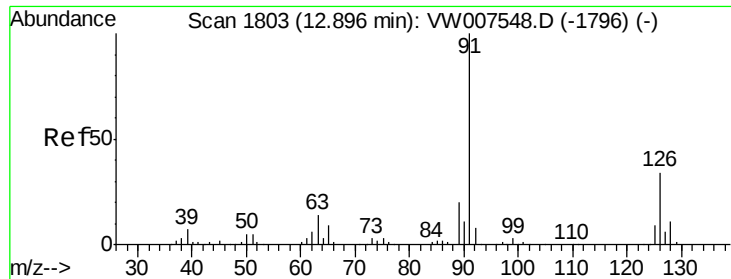
Delta R.T. 0.01 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.9	35.5





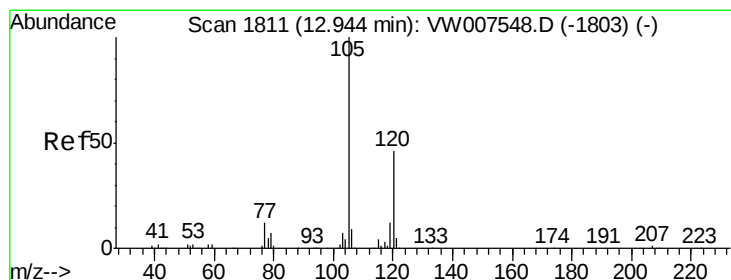
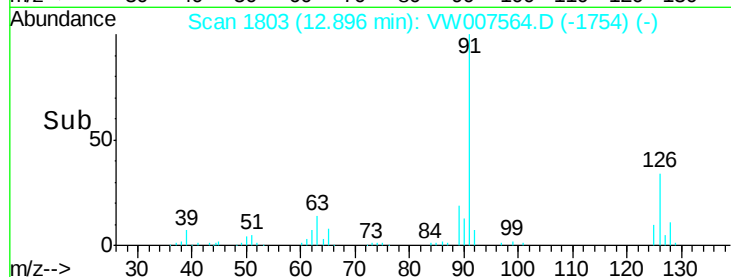
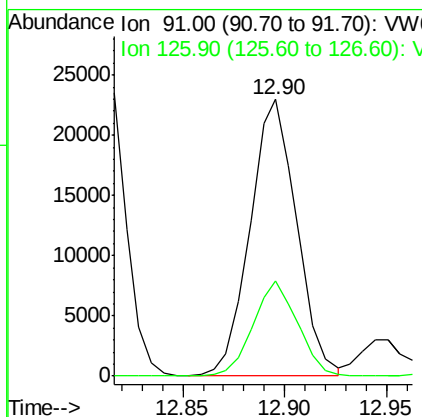
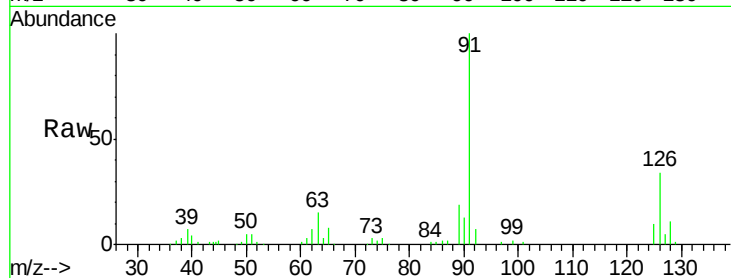
#79
 2-Chlorotoluene
 Concen: 56.128 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MSD

Tgt Ion: 91 Resp: 36596
 Ion Ratio Lower Upper
 91 100
 126 32.6 15.9 47.6

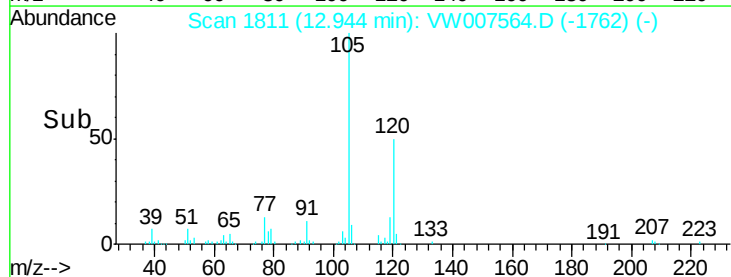
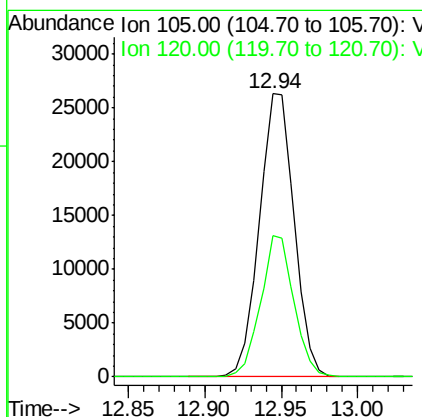
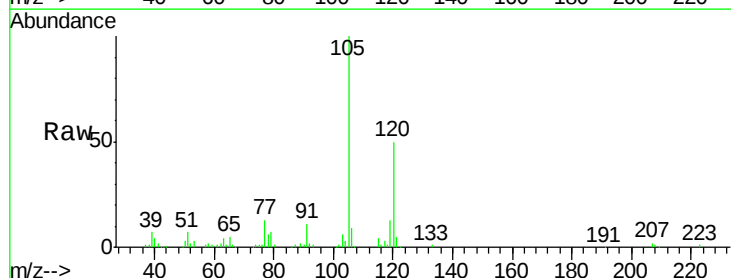
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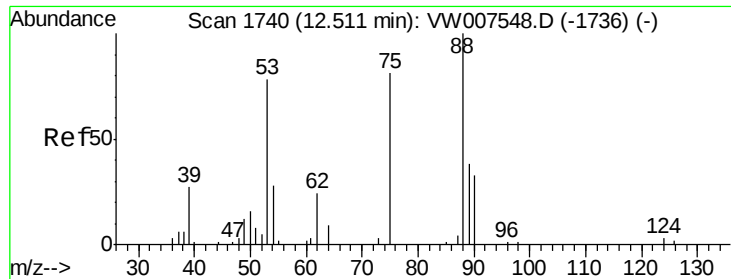
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.928 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Tgt Ion: 105 Resp: 41778
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 121.414 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Instrument :

MSVOA_W

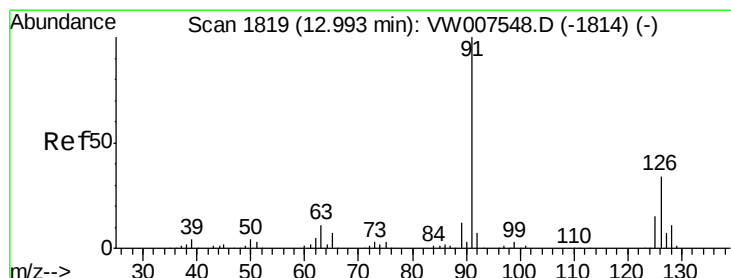
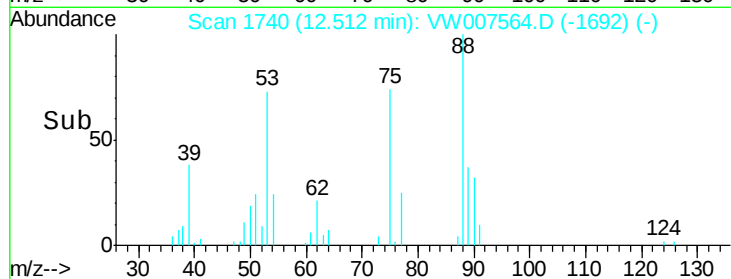
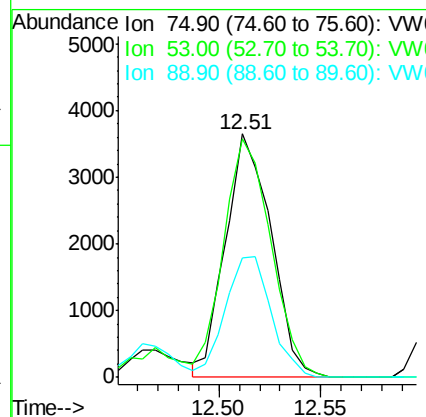
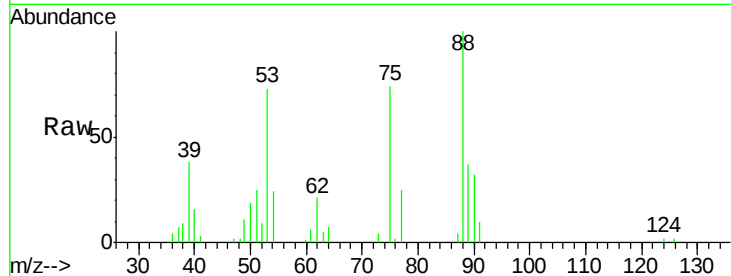
ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion:	75	Resp:	5663
Ion	Ratio	Lower	Upper
75	100		
53	101.6	84.9	127.3
89	49.9	40.3	60.5

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#82

4-Chlorotoluene

Concen: 55.089 ug/l

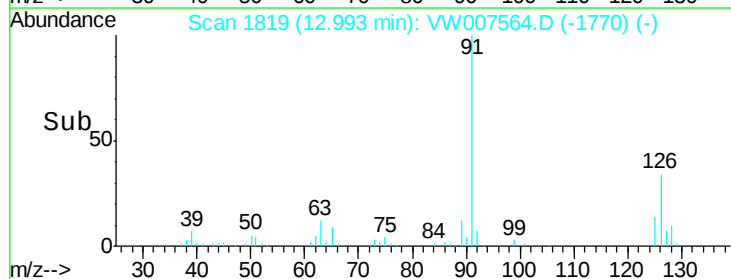
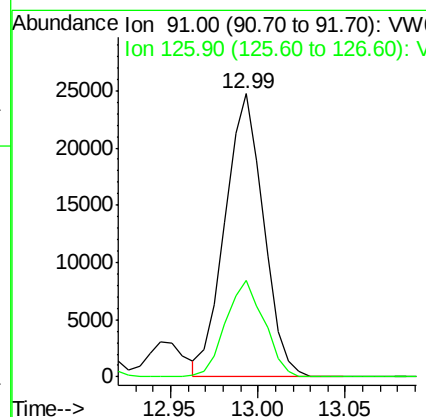
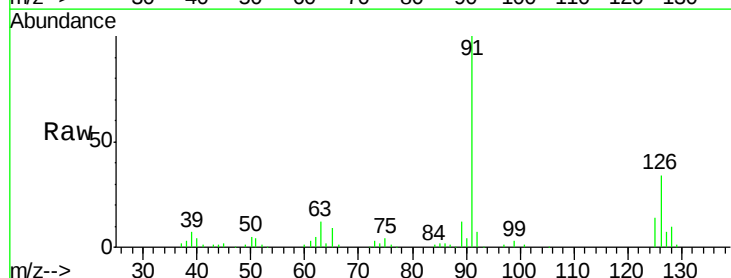
RT: 12.99 min Scan# 1819

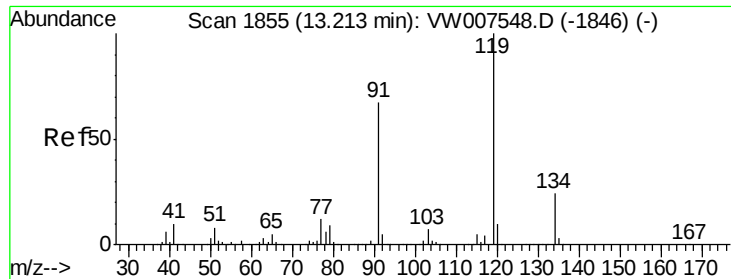
Delta R.T. -0.00 min

Lab File: VW007564.D

Acq: 15 Dec 2018 05:49

Tgt Ion:	91	Resp:	37862
Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.0	48.0





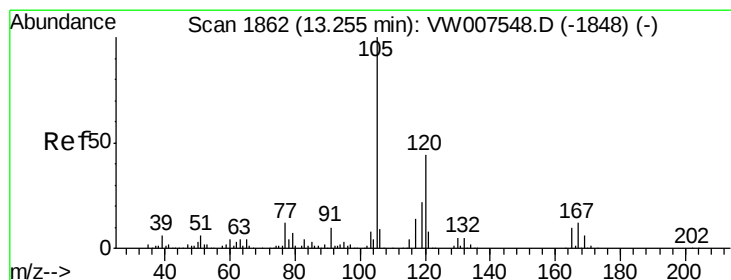
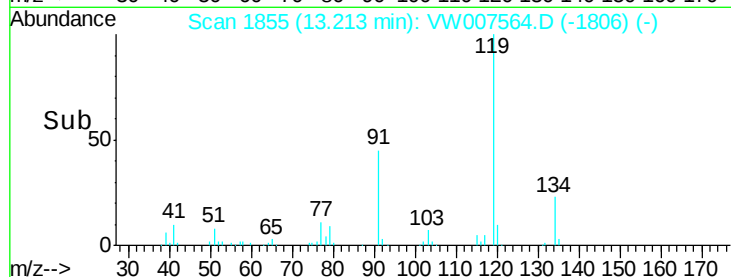
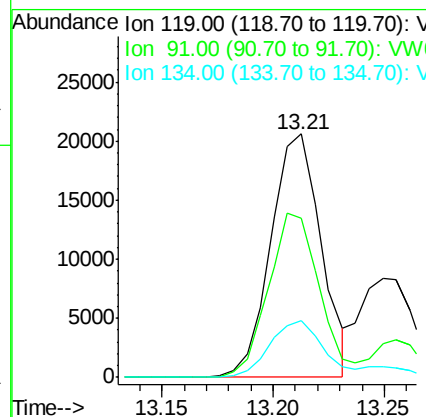
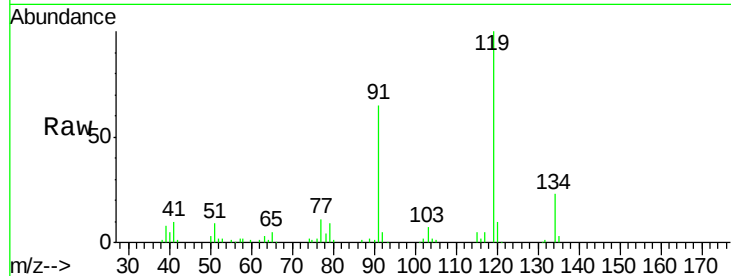
#83
tert-Butylbenzene
Concen: 45.676 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
119	100		
91	68.3	33.1	99.2
134	24.6	12.5	37.5

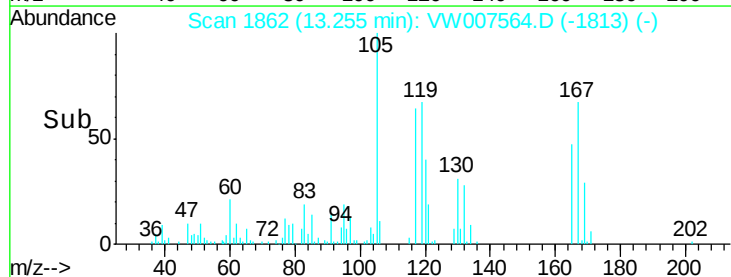
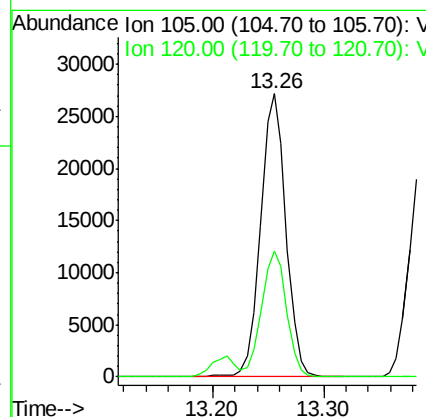
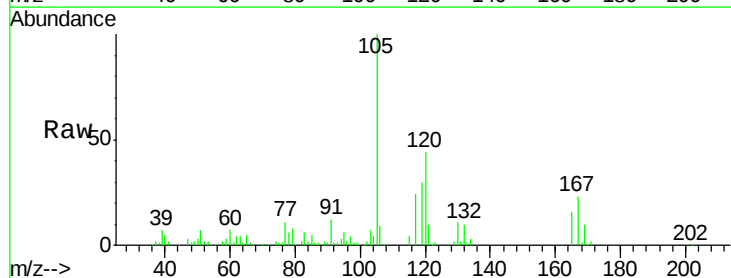
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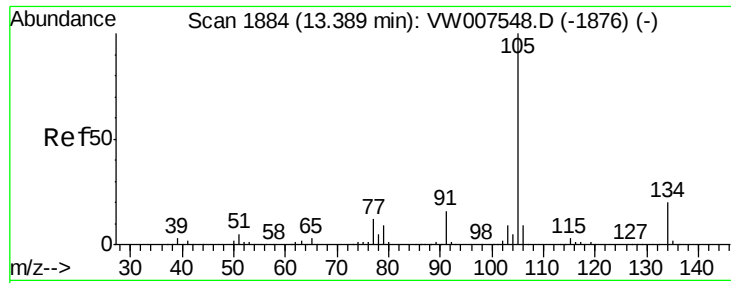
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#84
1,2,4-Trimethylbenzene
Concen: 51.858 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.6	67.7





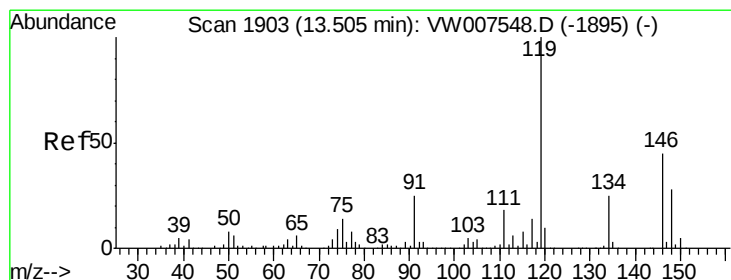
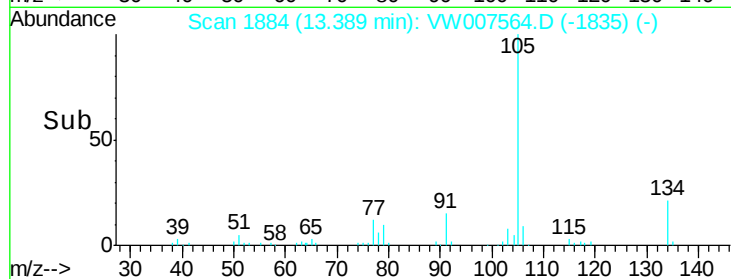
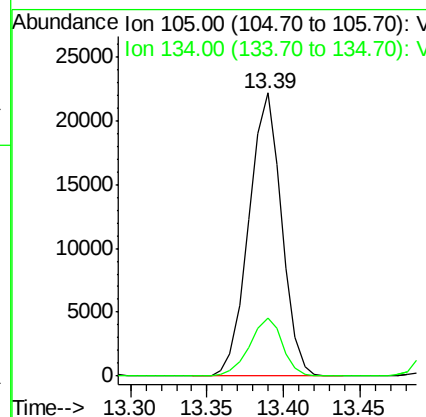
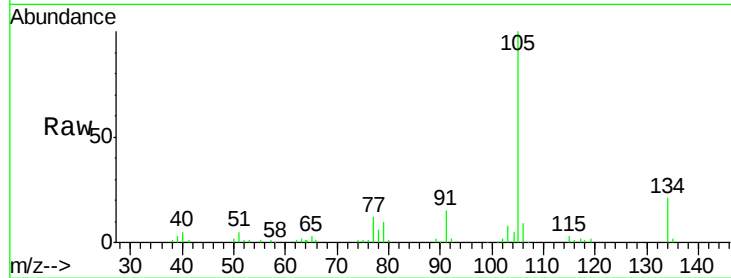
#85
 sec-Butylbenzene
 Concen: 34.029 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MSD

Tgt Ion:105 Resp: 32931
 Ion Ratio Lower Upper
 105 100
 134 20.6 11.1 33.3

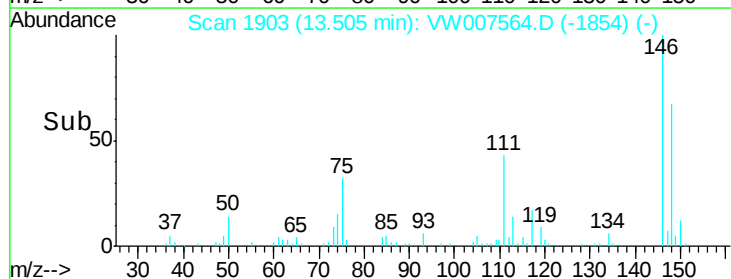
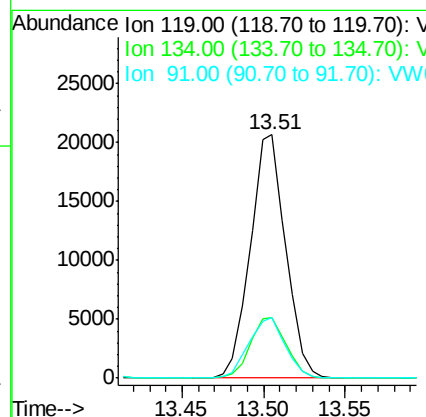
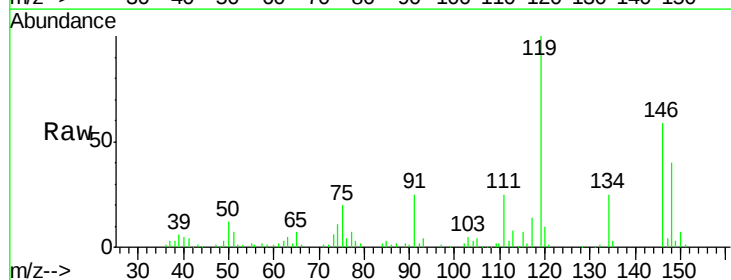
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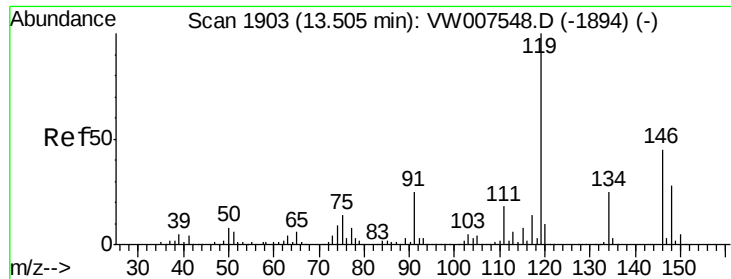
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#86
 p-Isopropyltoluene
 Concen: 35.800 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Tgt Ion:119 Resp: 31124
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.7
 91 25.6 11.9 35.9





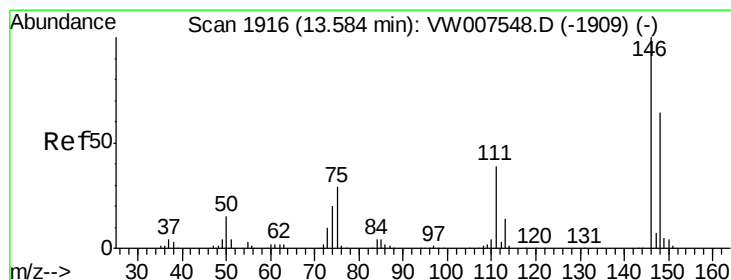
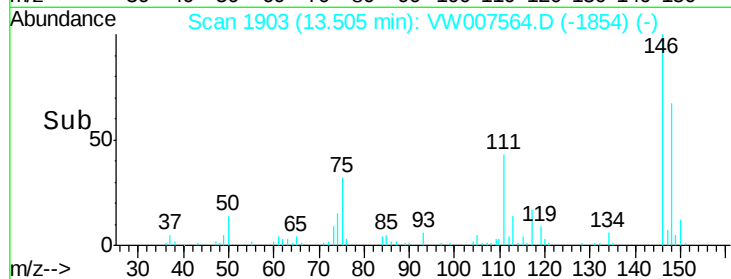
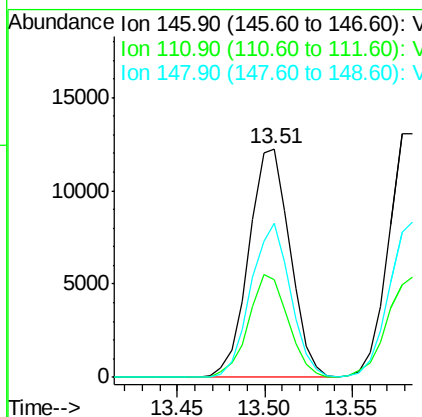
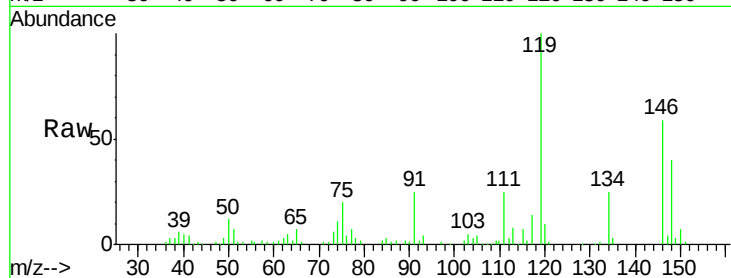
#87
 1,3-Dichlorobenzene
 Concen: 47.547 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.1	60.3
148	64.6	31.4	94.0

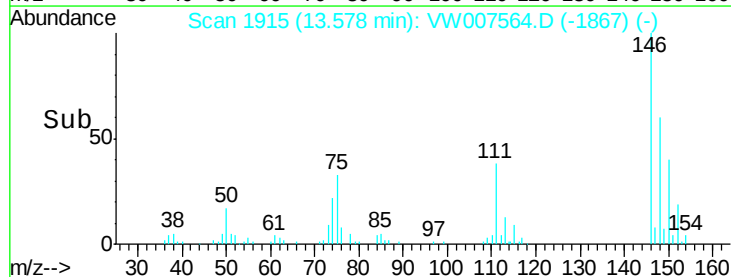
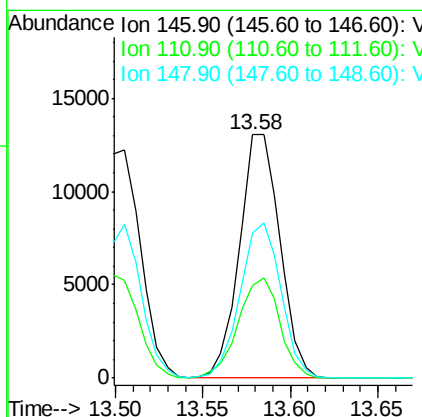
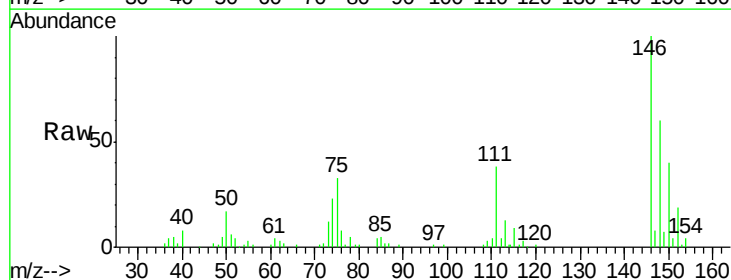
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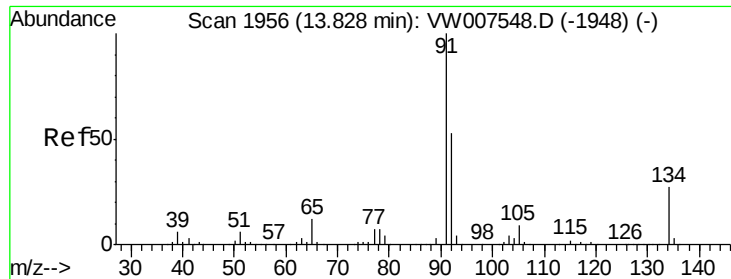
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#88
 1,4-Dichlorobenzene
 Concen: 49.805 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.3	61.0
148	64.0	33.5	100.5





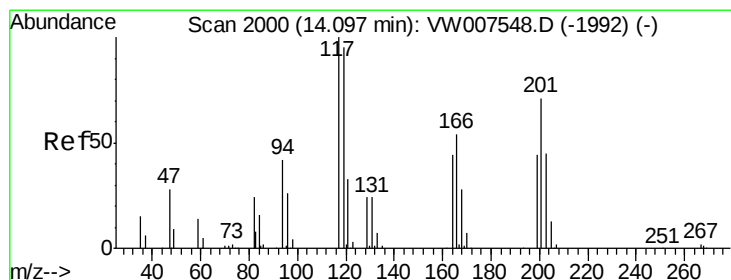
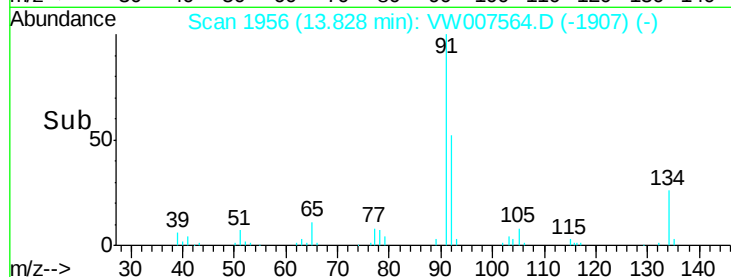
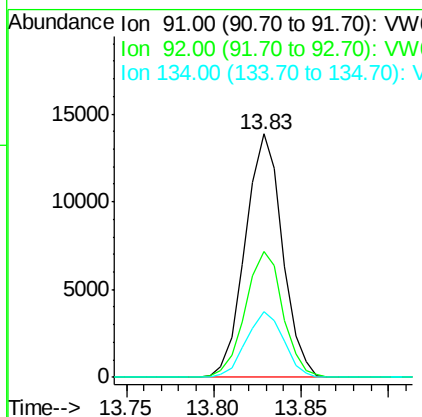
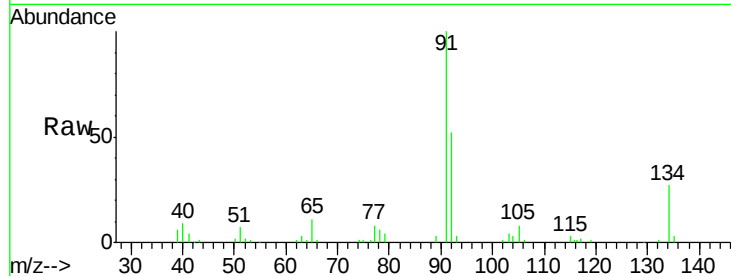
#89
n-Butylbenzene
Concen: 25.425 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion: 91 Resp: 20492
Ion Ratio Lower Upper
91 100
92 52.4 25.7 77.1
134 27.0 13.4 40.2

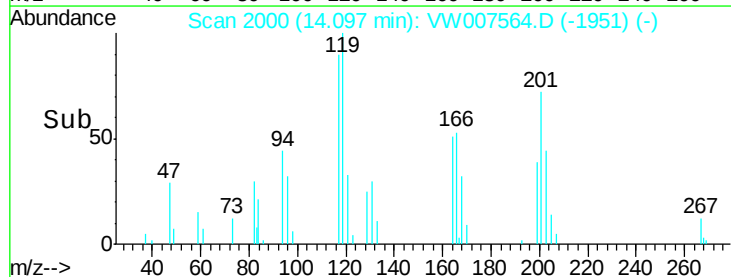
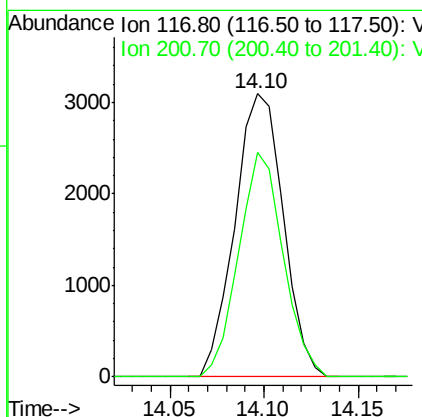
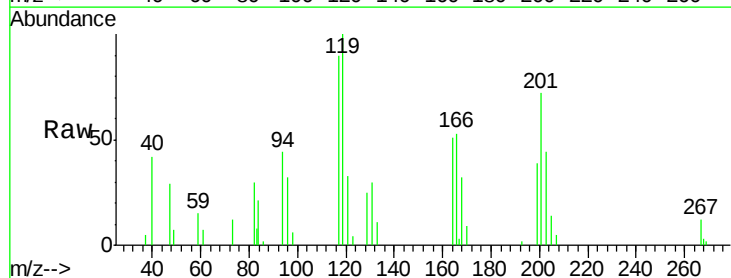
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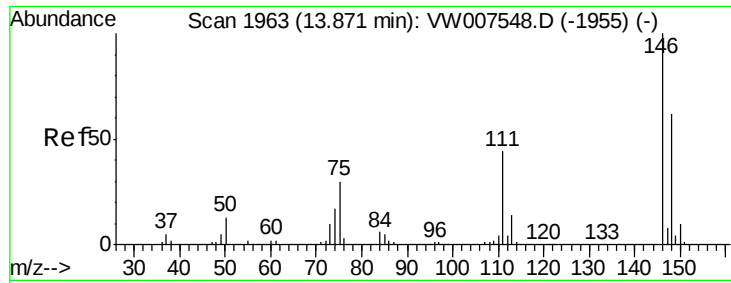
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#90
Hexachloroethane
Concen: 35.620 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion: 117 Resp: 5510
Ion Ratio Lower Upper
117 100
201 73.1 35.3 105.9





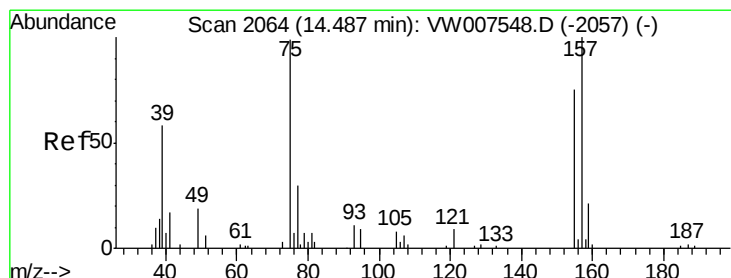
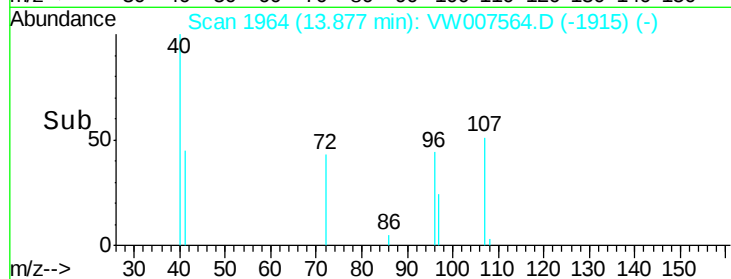
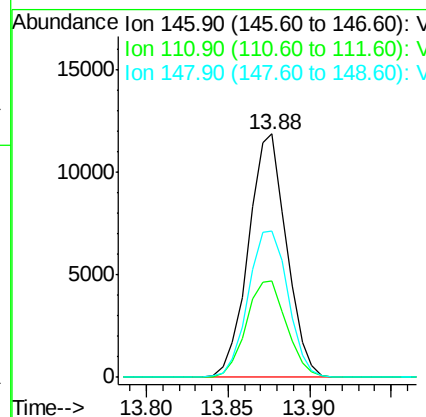
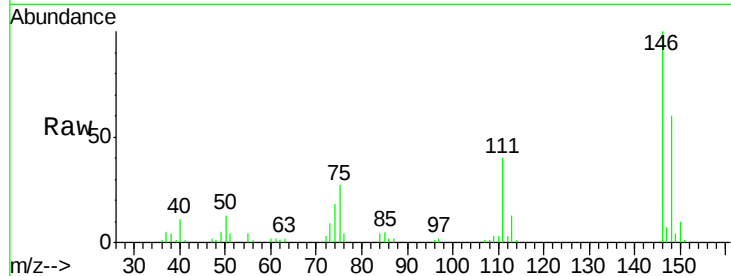
#91
 1,2-Dichlorobenzene
 Concen: 50.775 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	22.4	67.2
148	63.0	32.4	97.2

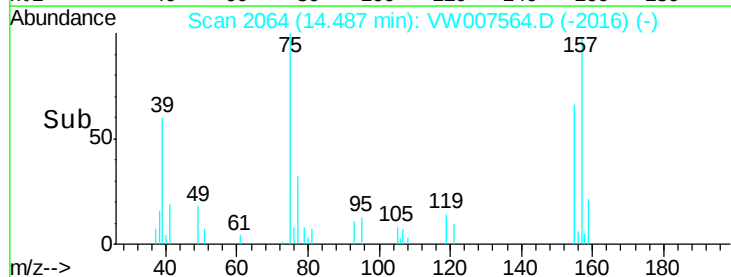
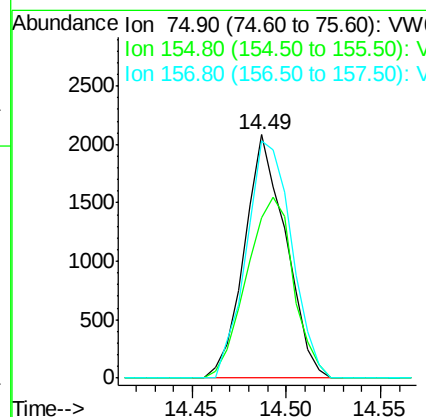
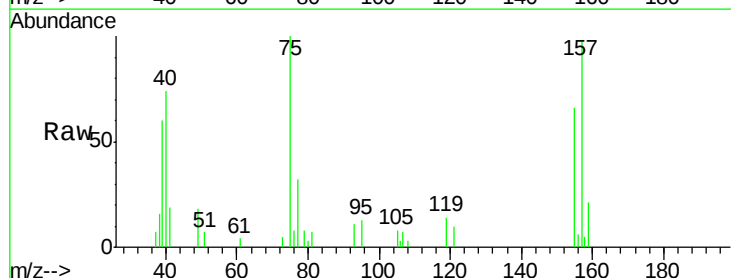
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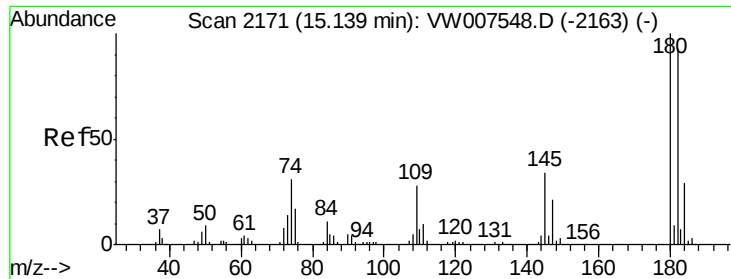
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 111.316 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.9	40.8	122.2
157	106.9	51.1	153.4





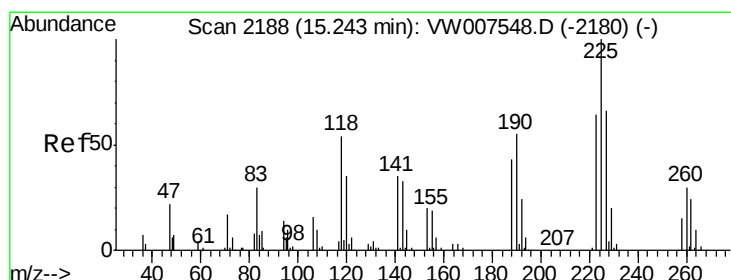
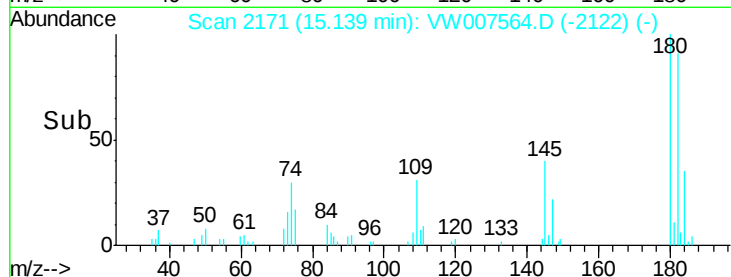
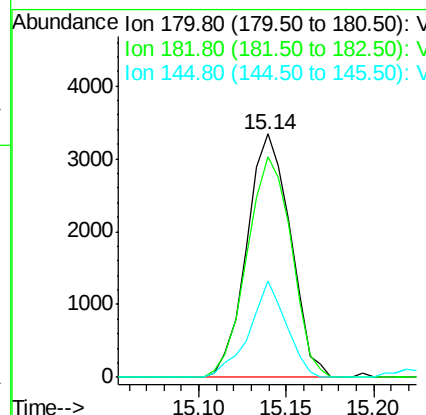
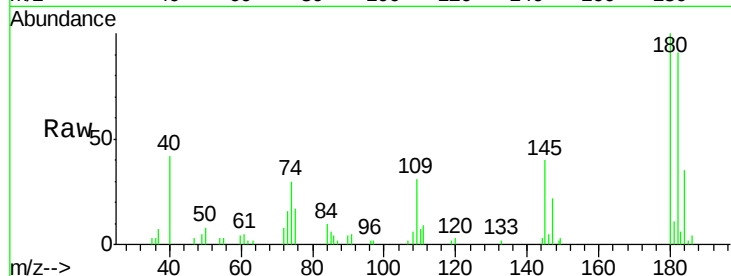
#93
 1,2,4-Trichlorobenzene
 Concen: 22.175 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	49.9	149.6
145	33.7	17.8	53.4

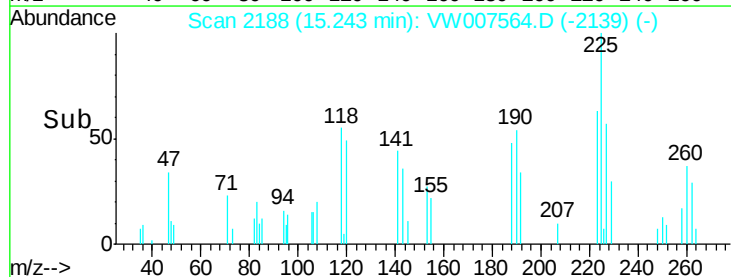
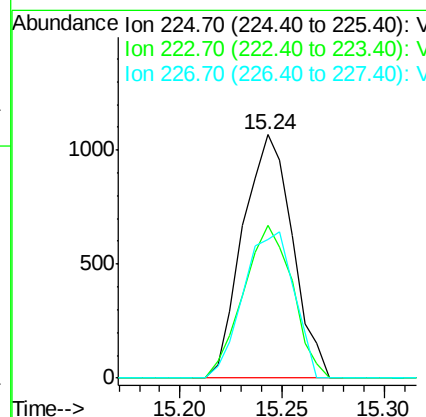
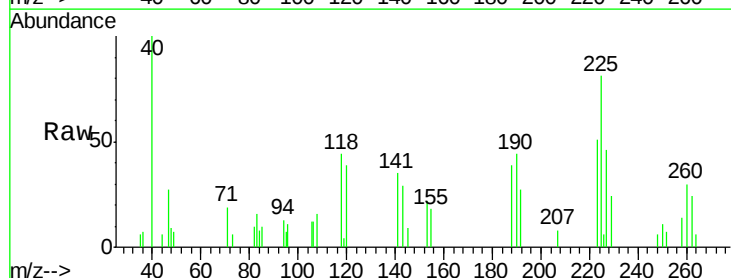
Manual Integrations
 APPROVED

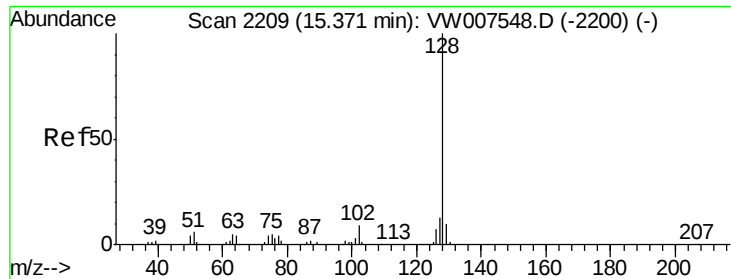
apatel
 12/17/2018 1:45:38 PM



#94
 Hexachlorobutadiene
 Concen: 13.043 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007564.D
 Acq: 15 Dec 2018 05:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	32.1	96.3
227	61.1	31.9	95.9





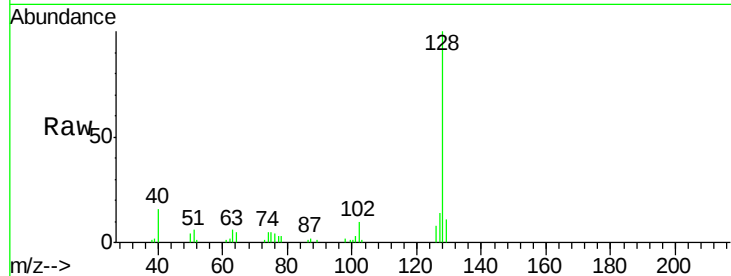
#95
Naphthalene
Concen: 38.886 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MSD

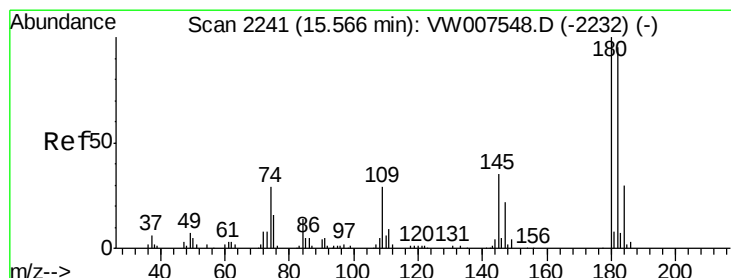
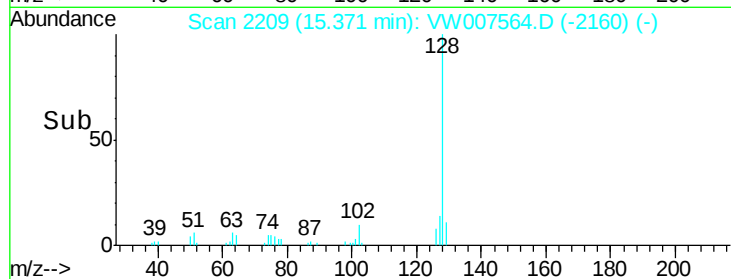
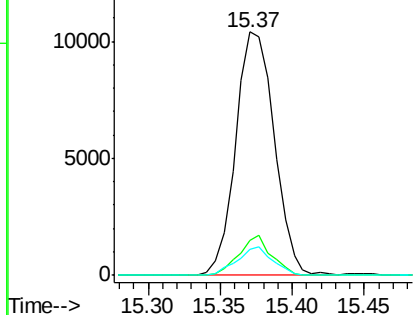
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	10.5	8.3	12.5

Manual Integrations
APPROVED

apatel
12/17/2018 1:45:38 PM

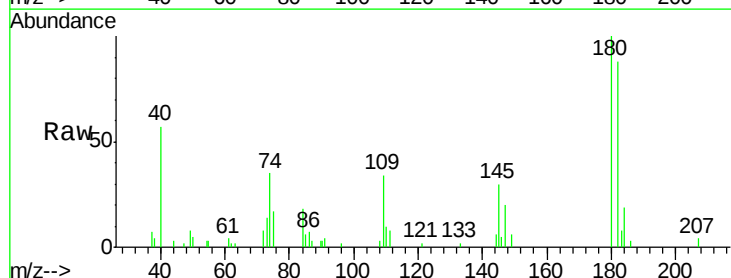


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.817 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW007564.D
Acq: 15 Dec 2018 05:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	45.6	136.7
145	36.6	17.5	52.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

