

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122018\
 Data File : VW007654.D
 Acq On : 18 Dec 2018 13:25
 Operator : SY/AP
 Sample : J6391-07MS
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

Manual Integrations
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 12/19/2018 12:15:11 PM

Quant Time: Dec 19 04:38:41 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	33741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	52754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	40549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	14975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	21953	58.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.30%	
35) Dibromofluoromethane	7.88	113	18299	57.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.60%	
50) Toluene-d8	10.32	98	59043	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.62	95	17668	40.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	13415	56.895	ug/l	96
3) Chloromethane	2.21	50	8878	44.958	ug/l	97
4) Vinyl Chloride	2.36	62	12681	54.721	ug/l	99
5) Bromomethane	2.79	94	8431	54.149	ug/l	94
6) Chloroethane	2.93	64	7123	55.839	ug/l	95
7) Trichlorofluoromethane	3.25	101	14500	69.597	ug/l	96
8) Diethyl Ether	3.67	74	10435	63.993	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16822	48.933	ug/l	98
10) Methyl Iodide	4.26	142	30271	53.167	ug/l	96
11) Tert butyl alcohol	5.17	59	8721	339.227	ug/l	98
12) 1,1-Dichloroethene	4.03	96	18458	55.766	ug/l	96
13) Acrolein	3.89	56	2162	127.093	ug/l	93
14) Allyl chloride	4.66	41	26407	54.126	ug/l	97
15) Acrylonitrile	5.37	53	21988	319.865	ug/l	98
16) Acetone	4.12	43	19136	292.670	ug/l	97
17) Carbon Disulfide	4.37	76	52083	51.897	ug/l	95
18) Methyl Acetate	4.67	43	38855	218.951	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	39250	78.607	ug/l	96
20) Methylene Chloride	4.91	84	21472	60.907	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	19565	52.841	ug/l	98
22) Diisopropyl ether	6.31	45	55075	58.729	ug/l	95
23) Vinyl Acetate	6.31	43	39602	75.499	ug/l #	74
24) 1,1-Dichloroethane	6.21	63	35884	56.616	ug/l	99
25) 2-Butanone	7.17	43	28532	334.258	ug/l	99
26) 2,2-Dichloropropane	7.16	77	28559	68.084	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	22398	55.246	ug/l	98
28) Bromochloromethane	7.51	49	13114	55.007	ug/l	99
29) Tetrahydrofuran	7.52	42	18669	345.478	ug/l	94
30) Chloroform	7.68	83	39582	57.387	ug/l	98
31) Cyclohexane	7.95	56	22236	38.238	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	35482	58.662	ug/l	99
36) 1,1-Dichloropropene	8.08	75	25578	53.150	ug/l	99
37) Ethyl Acetate	7.26	43	5776	32.270	ug/l #	80
38) Carbon Tetrachloride	8.07	117	30529	58.303	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	19795	33.969	ug/l	90
40) Benzene	8.32	78	77179	57.789	ug/l	99
41) Methacrylonitrile	7.48	41	5915	58.032	ug/l	94
42) 1,2-Dichloroethane	8.40	62	29248	69.717	ug/l	99
43) Isopropyl Acetate	8.42	43	13296	37.606	ug/l #	87
44) Trichloroethene	9.09	130	20781	54.490	ug/l	97
45) 1,2-Dichloropropane	9.37	63	18944	61.296	ug/l	97
46) Dibromomethane	9.46	93	11793	67.193	ug/l	98
47) Bromodichloromethane	9.65	83	28918	62.816	ug/l	91
48) Methyl methacrylate	9.44	41	15019	82.712	ug/l	97
49) 1,4-Dioxane	9.45	88	4319	1516.638	ug/l	91
51) 4-Methyl-2-Pentanone	10.21	43	62144	371.992	ug/l	98
52) Toluene	10.39	92	47124	54.524	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	26835	60.043	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	29301	56.712	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	16197	67.808	ug/l	97
56) Ethyl methacrylate	10.65	69	9047	31.511	ug/l	97
57) 1,3-Dichloropropane	10.93	76	26856	68.499	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	44419	335.491	ug/l	97
59) 2-Hexanone	10.97	43	38860	348.852	ug/l	99
60) Dibromochloromethane	11.13	129	19982	66.286	ug/l	99
61) 1,2-Dibromoethane	11.24	107	15867	67.217	ug/l	94
64) Tetrachloroethene	10.86	164	14160	48.560	ug/l	91
65) Chlorobenzene	11.66	112	46709	55.266	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	19472	65.415	ug/l	98
67) Ethyl Benzene	11.73	91	79591	54.774	ug/l	91
68) m/p-Xylenes	11.84	106	61441	108.765	ug/l	98
69) o-Xylene	12.17	106	29289	55.516	ug/l	97
70) Styrene	12.18	104	46174	54.186	ug/l	97
71) Bromoform	12.35	173	10771	70.695	ug/l #	99
73) Isopropylbenzene	12.47	105	70635	61.559	ug/l	99
74) N-amyl acetate	12.27	43	5376	25.780	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	16021	94.269	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	15297m	123.889	ug/l	
77) Bromobenzene	12.75	156	17520	68.883	ug/l	93
78) n-propylbenzene	12.81	91	75162	58.205	ug/l	99
79) 2-Chlorotoluene	12.90	91	45170	57.809	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	56344	58.440	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5048	90.312	ug/l	96
82) 4-Chlorotoluene	12.99	91	47234	57.348	ug/l	98
83) tert-Butylbenzene	13.21	119	49402	58.152	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	58413	58.876	ug/l	98
85) sec-Butylbenzene	13.39	105	56763	48.945	ug/l	97
86) p-Isopropyltoluene	13.51	119	51397	49.332	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	27172	53.582	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	27166	53.286	ug/l	98
89) n-Butylbenzene	13.83	91	38076	39.422	ug/l	99
90) Hexachloroethane	14.10	117	9547	51.500	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	25014	55.073	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3084	90.426	ug/l	93

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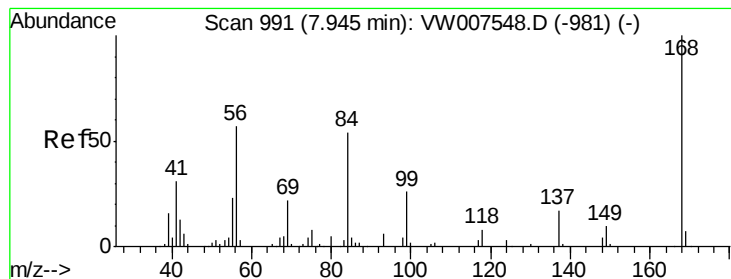
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	10419	33.333	ug/l	92
94) Hexachlorobutadiene	15.25	225	4209	25.379	ug/l	97
95) Naphthalene	15.38	128	27731	46.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	8042	29.618	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007654.D

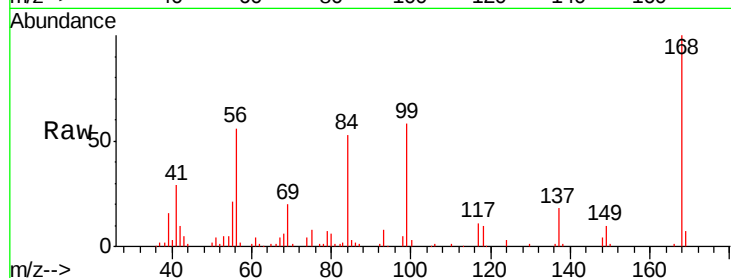
Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

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P001-SS016-0006-01MS



Tgt Ion: 168 Resp: 33741

Ion Ratio Lower Upper

168 100

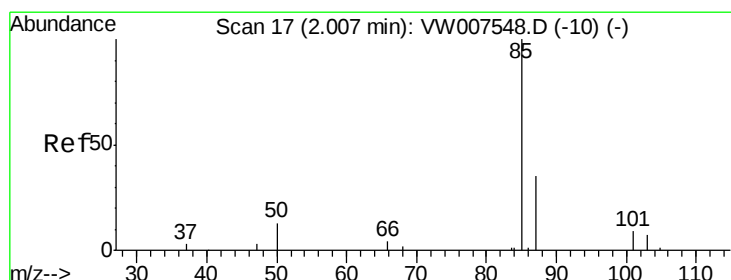
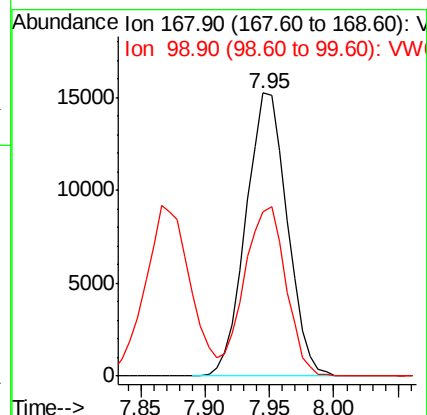
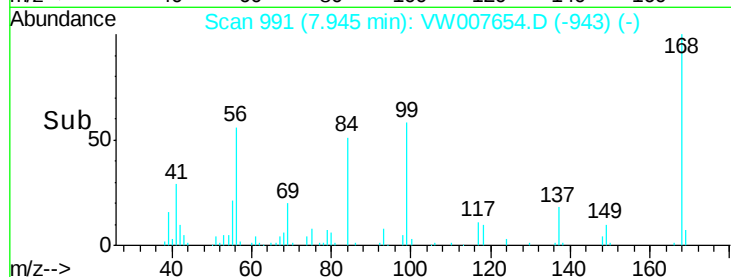
99 58.0 48.3 72.5

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#2

Dichlorodifluoromethane

Concen: 56.895 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007654.D

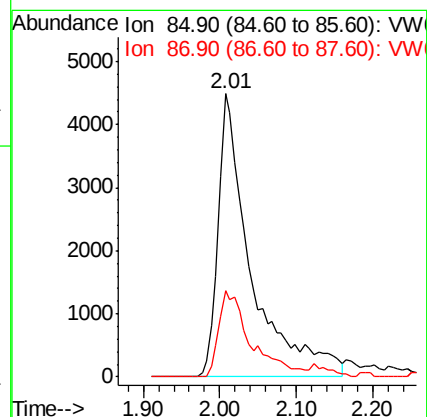
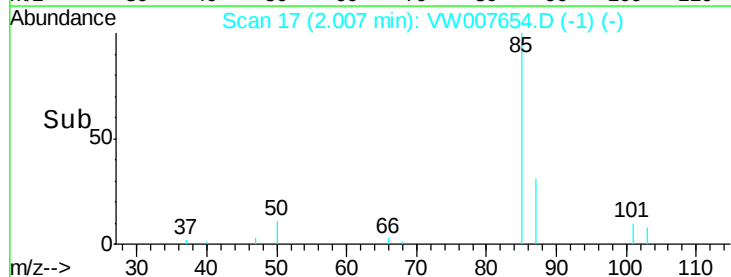
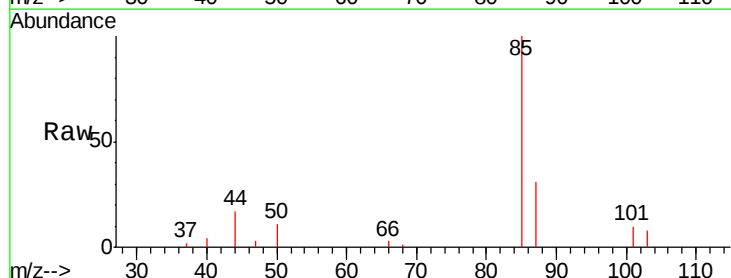
Acq: 18 Dec 2018 13:25

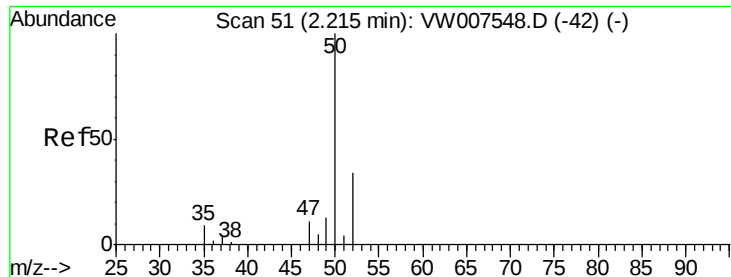
Tgt Ion: 85 Resp: 13415

Ion Ratio Lower Upper

85 100

87 30.6 16.6 49.7





#3

Chloromethane

Concen: 44.958 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion: 50 Resp: 8878

Ion Ratio Lower Upper

50 100

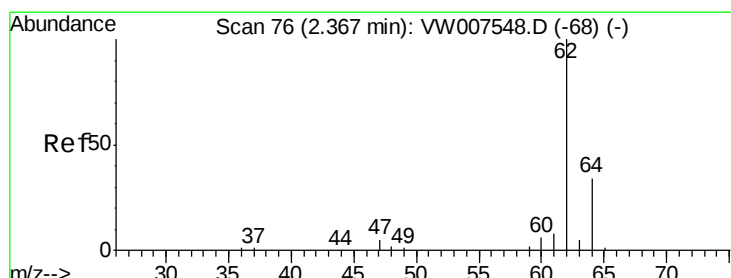
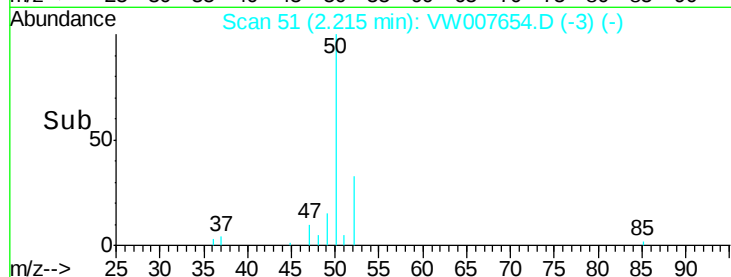
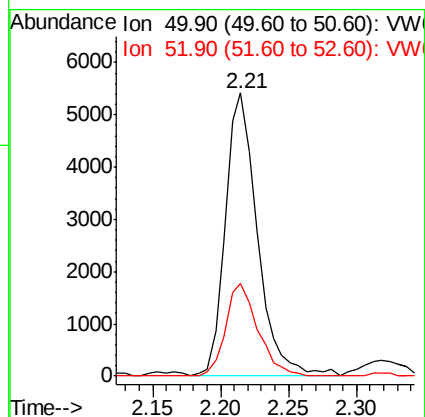
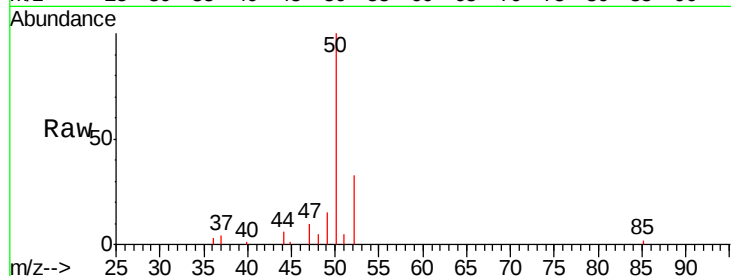
52 32.5 27.4 41.0

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#4

Vinyl Chloride

Concen: 54.721 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW007654.D

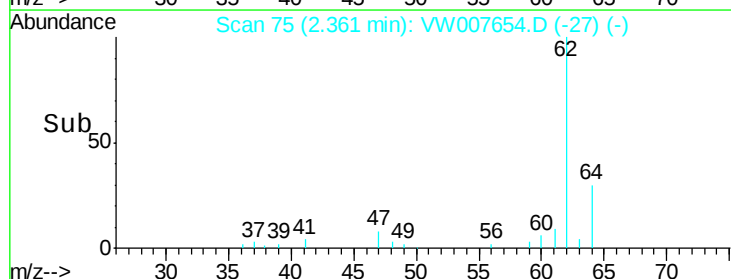
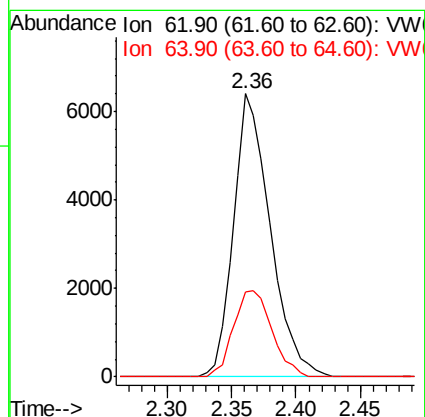
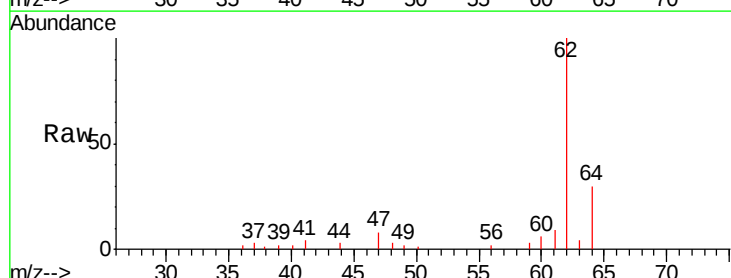
Acq: 18 Dec 2018 13:25

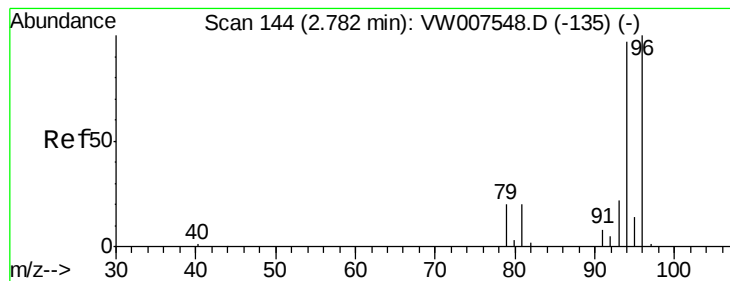
Tgt Ion: 62 Resp: 12681

Ion Ratio Lower Upper

62 100

64 30.1 24.6 37.0





#5

Bromomethane

Concen: 54.149 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

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Tgt Ion: 94 Resp: 8431

Ion Ratio Lower Upper

94 100

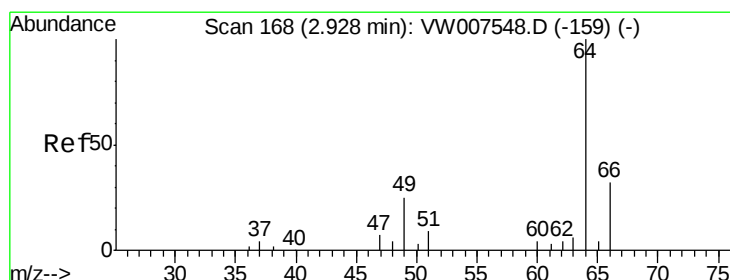
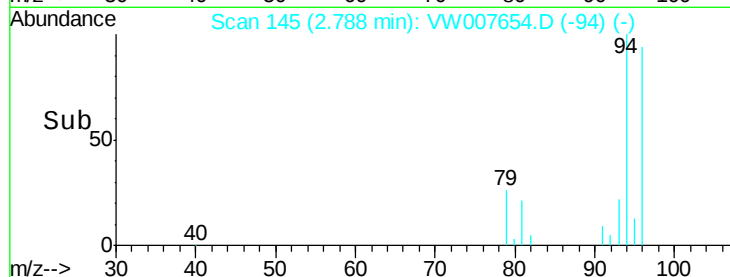
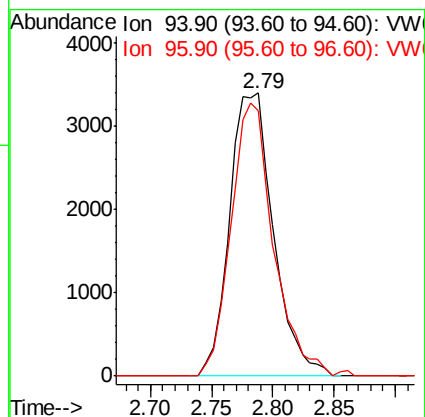
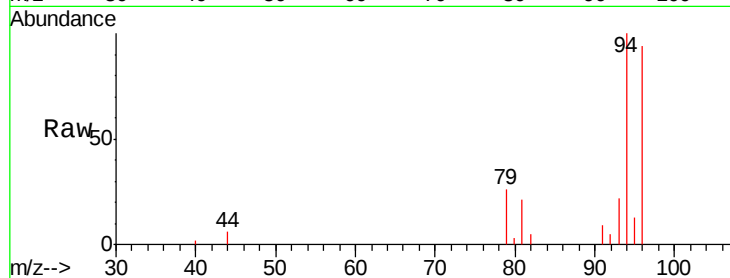
96 93.9 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 55.839 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007654.D

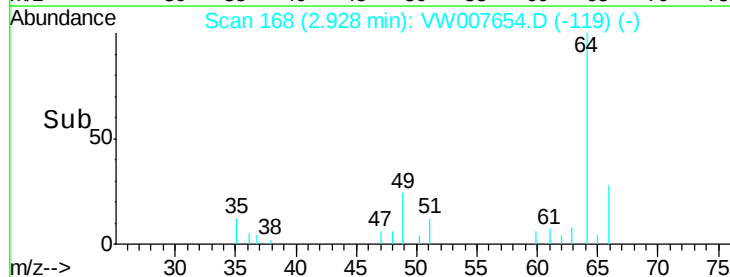
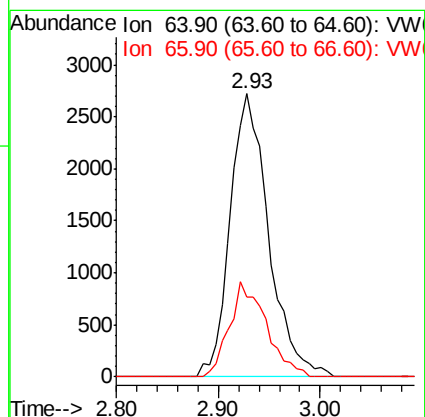
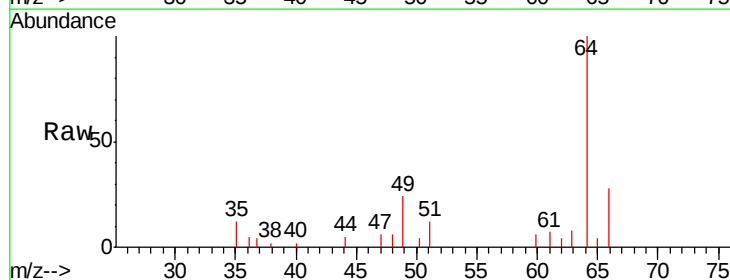
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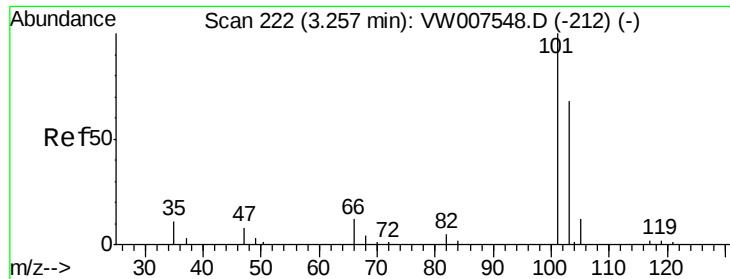
Tgt Ion: 64 Resp: 7123

Ion Ratio Lower Upper

64 100

66 28.3 24.6 37.0





#7

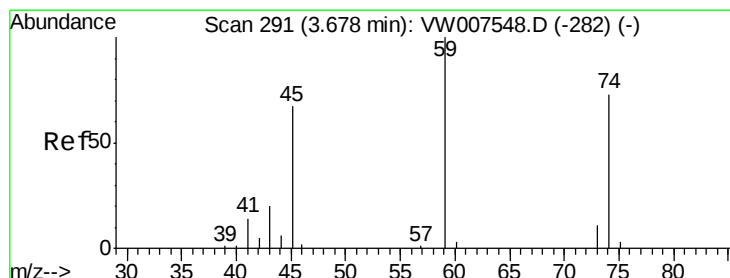
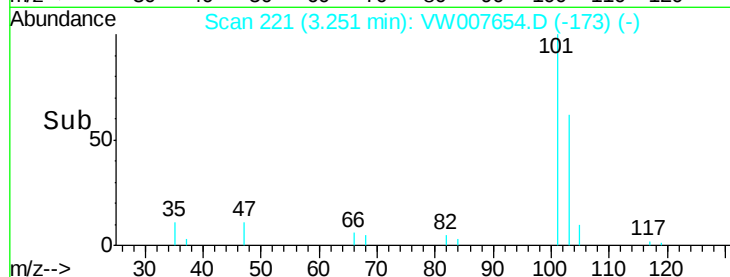
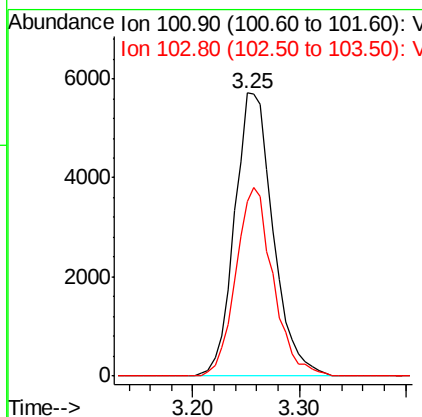
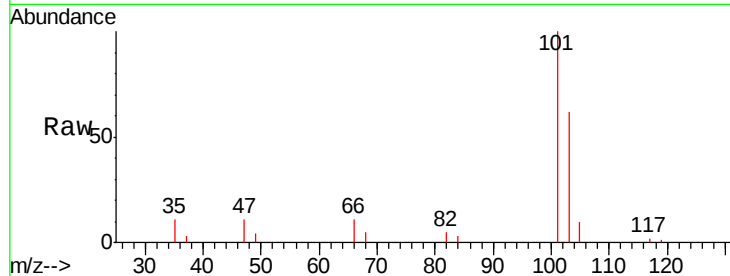
Trichlorofluoromethane
Concen: 69.597 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

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Tgt Ion: 101 Resp: 14500
Ion Ratio Lower Upper
101 100
103 61.6 51.7 77.5

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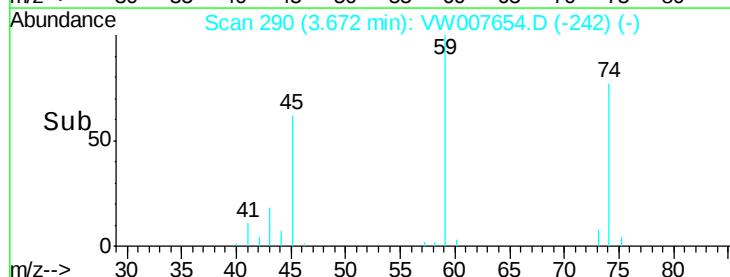
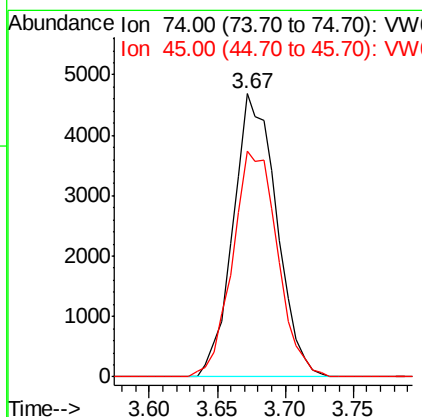
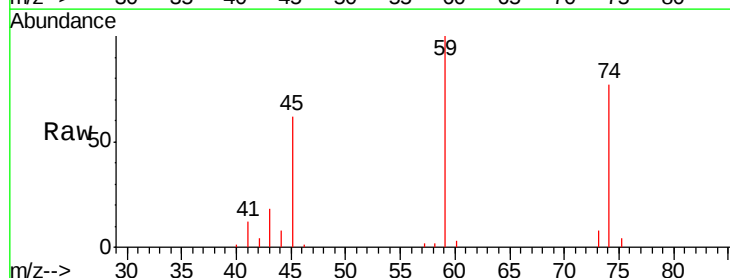
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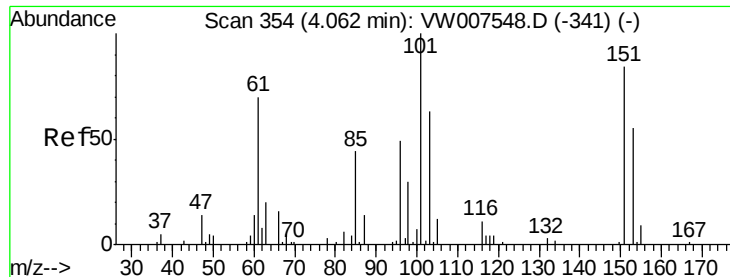


#8

Diethyl Ether
Concen: 63.993 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion: 74 Resp: 10435
Ion Ratio Lower Upper
74 100
45 82.8 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.933 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

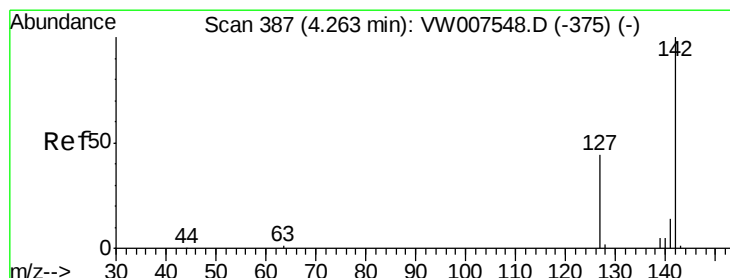
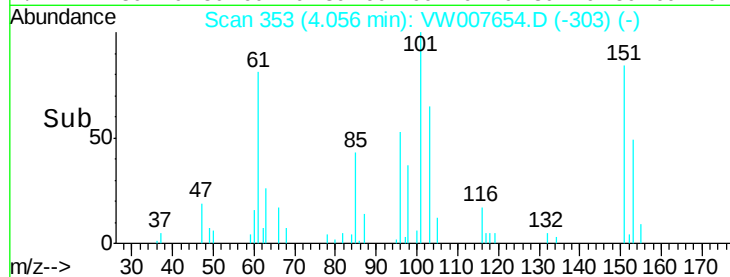
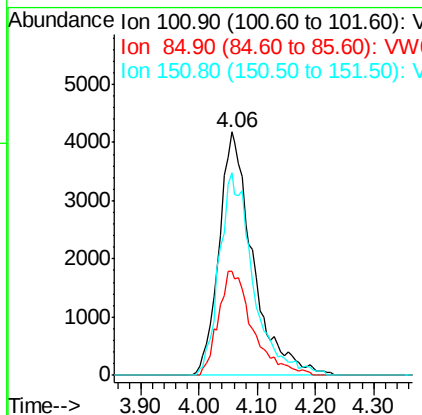
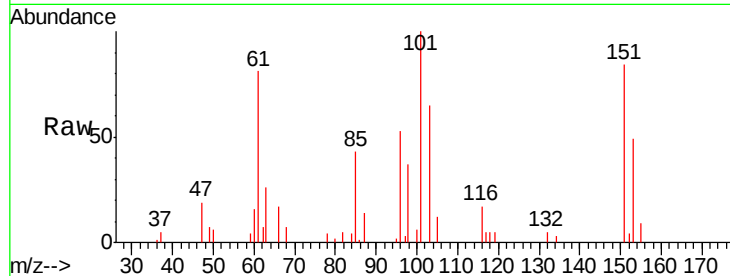
ClientSampleId :

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Tgt Ion:	101	Resp:	16822
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.9	50.9
151	82.0	63.7	95.5

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#10

Methyl Iodide

Concen: 53.167 ug/l

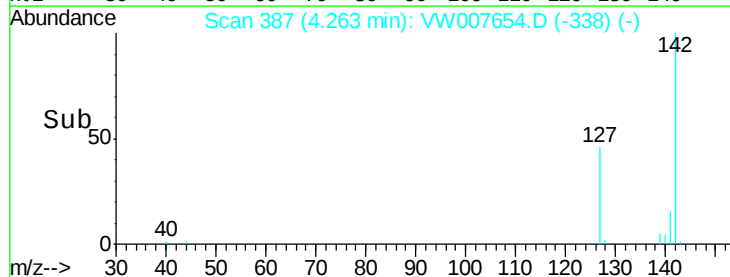
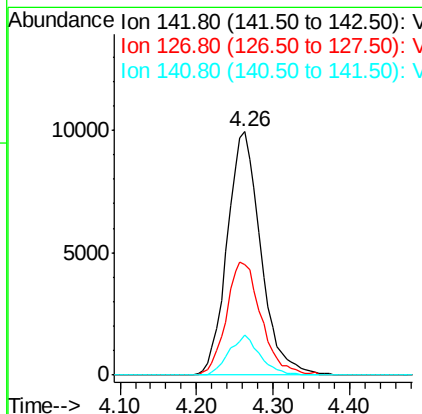
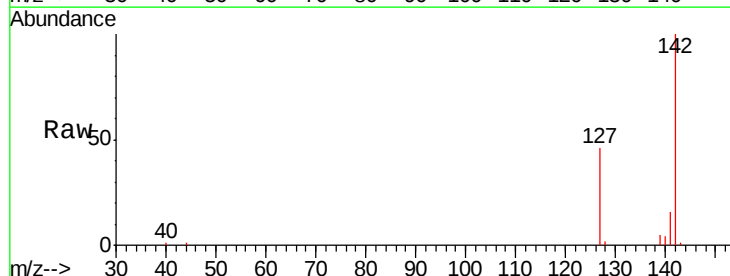
RT: 4.26 min Scan# 387

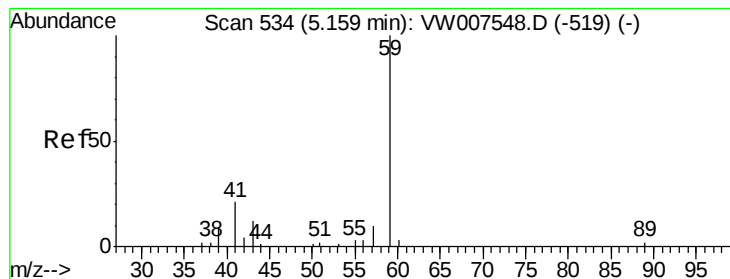
Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Tgt Ion:	142	Resp:	30271
Ion Ratio	Lower	Upper	
142	100		
127	48.0	35.8	53.6
141	15.0	11.1	16.7





#11

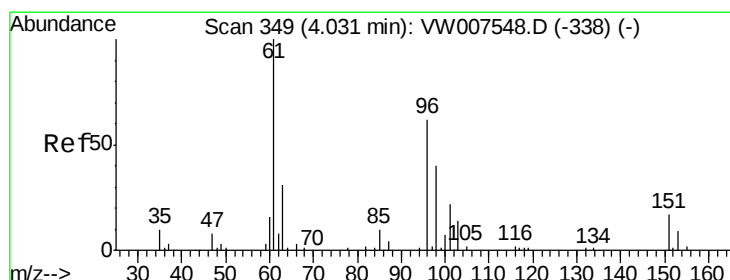
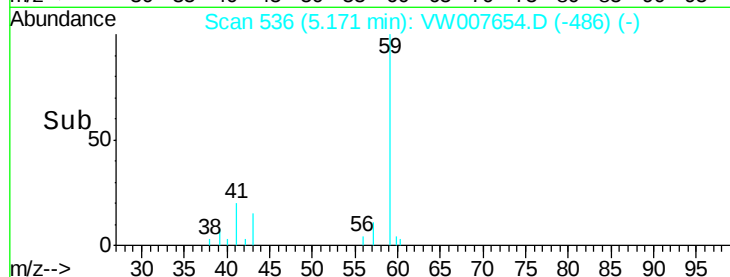
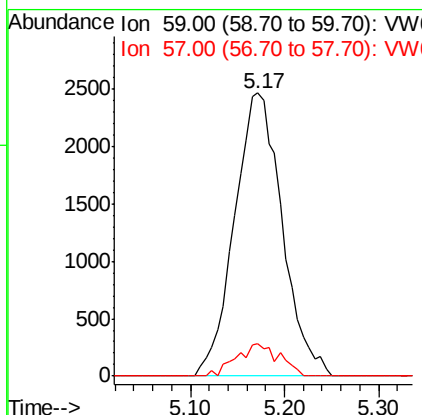
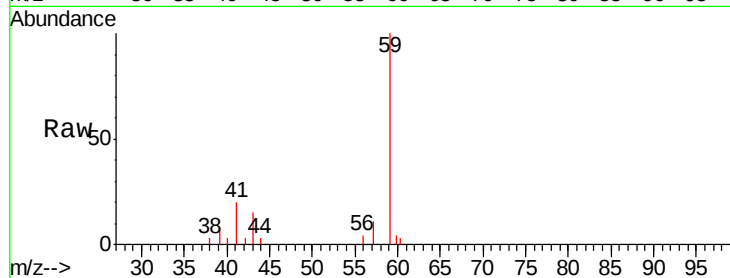
Tert butyl alcohol
Concen: 339.227 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion: 59 Resp: 8721
Ion Ratio Lower Upper
59 100
57 10.3 7.6 11.4

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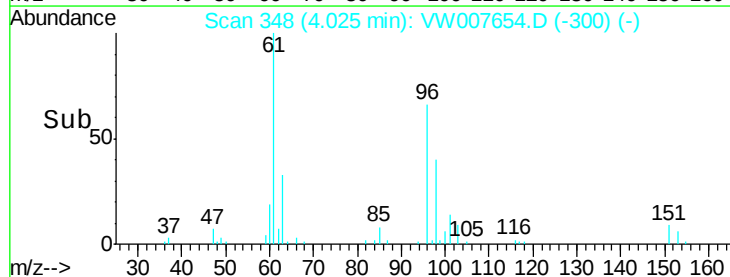
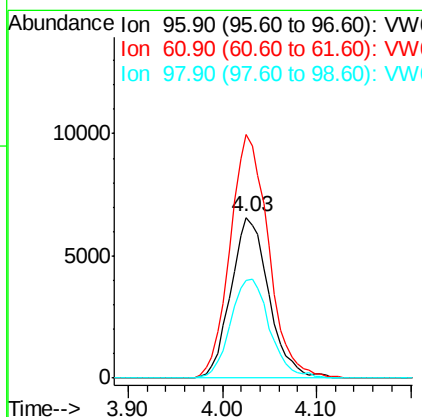
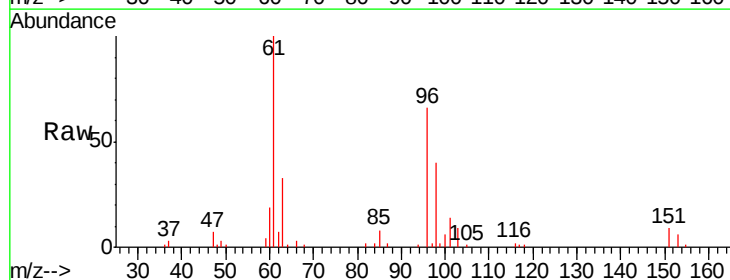
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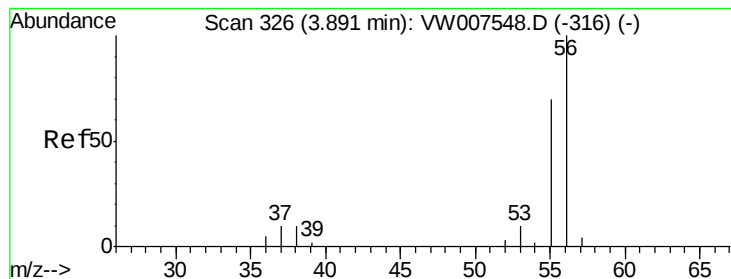


#12

1,1-Dichloroethene
Concen: 55.766 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion: 96 Resp: 18458
Ion Ratio Lower Upper
96 100
61 151.6 126.2 189.2
98 61.0 48.3 72.5





#13

Acrolein

Concen: 127.093 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion: 56 Resp: 2162

Ion Ratio Lower Upper

56 100

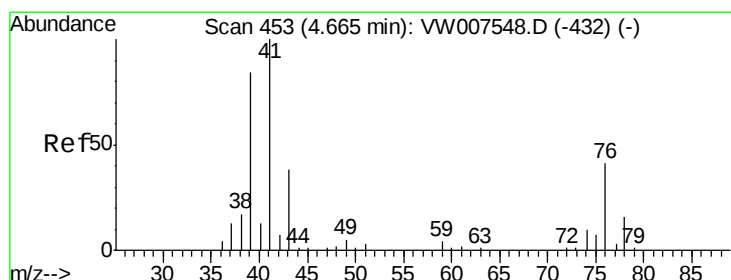
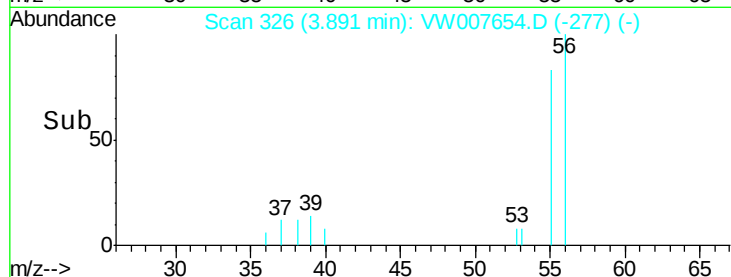
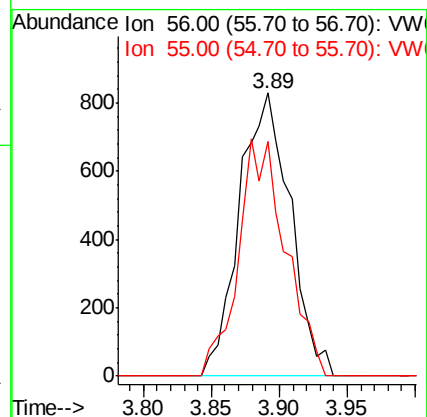
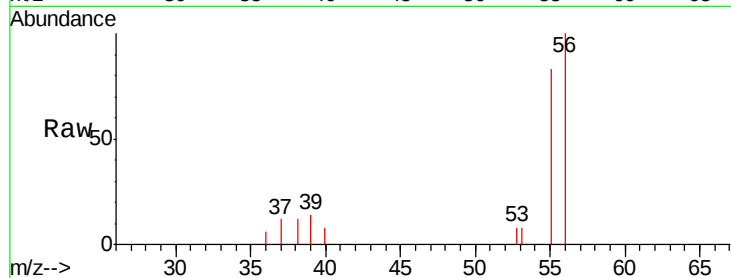
55 77.6 57.4 86.2

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#14

Allyl chloride

Concen: 54.126 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

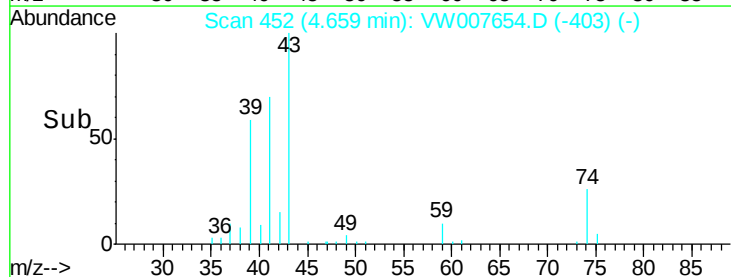
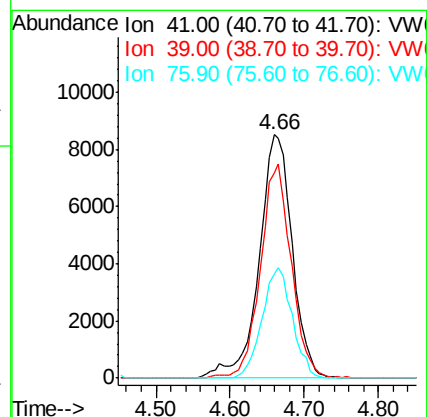
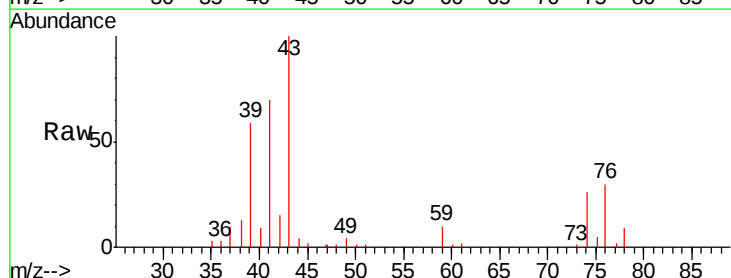
Tgt Ion: 41 Resp: 26407

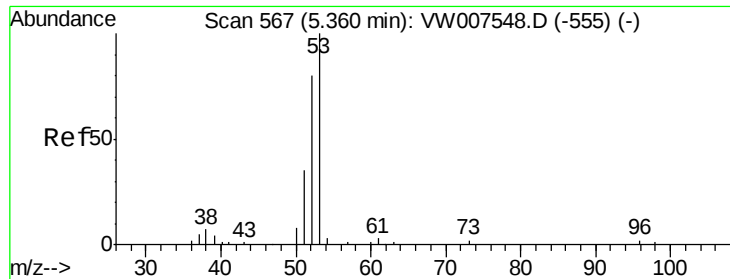
Ion Ratio Lower Upper

41 100

39 82.0 63.4 95.2

76 41.3 32.1 48.1





#15

Acrylonitrile

Concen: 319.865 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

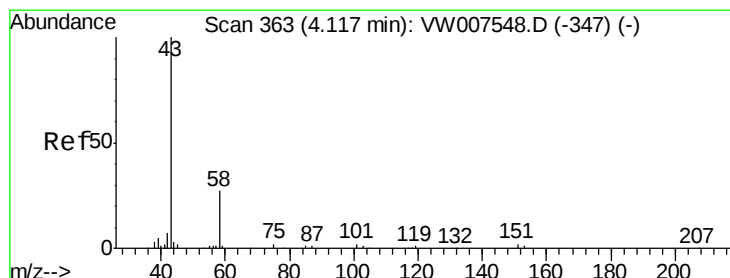
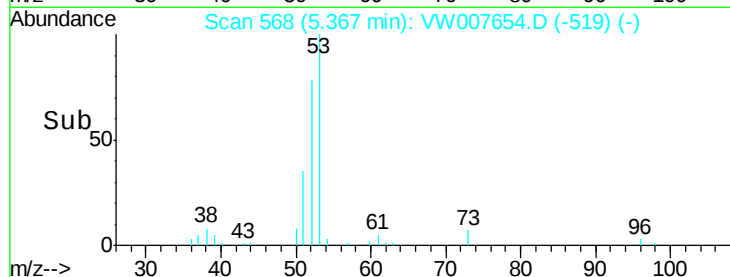
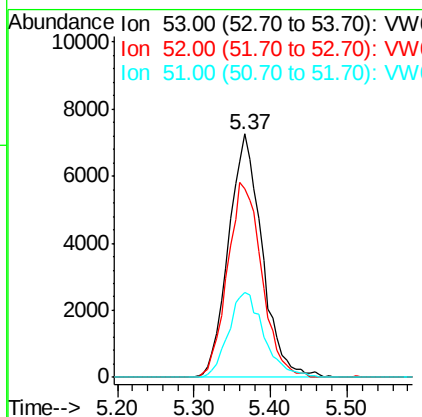
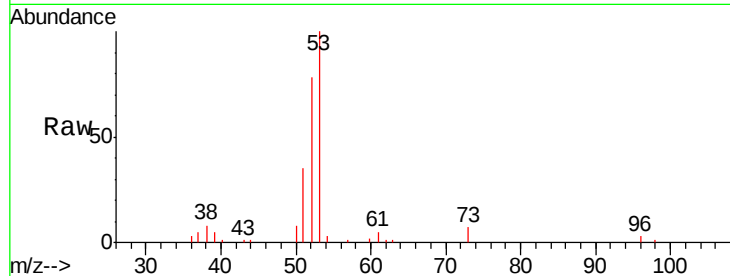
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:	53	Resp:	21988
Ion	Ratio	Lower	Upper
53	100		
52	81.7	67.4	101.2
51	37.1	30.2	45.2

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#16

Acetone

Concen: 292.670 ug/l

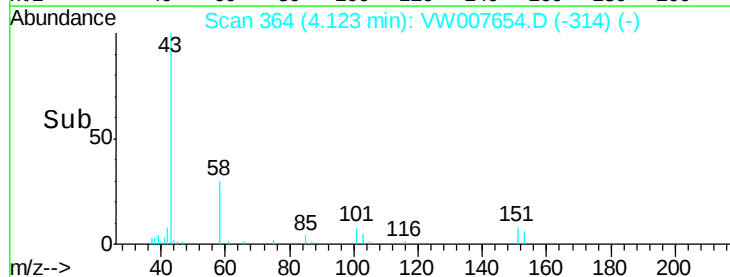
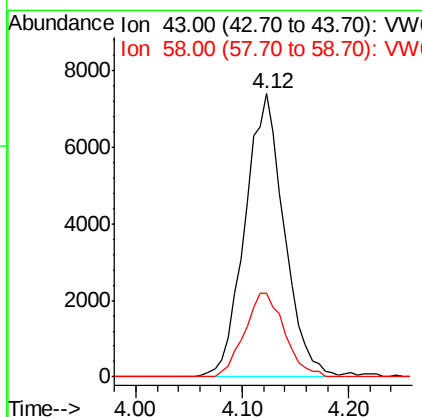
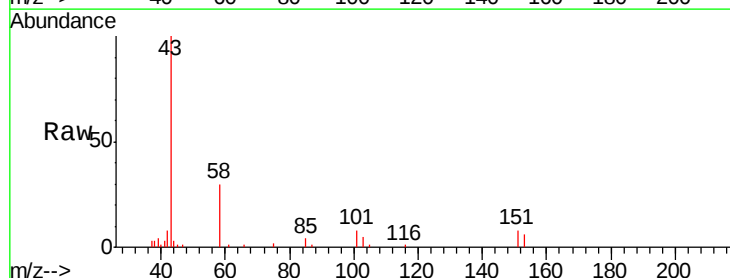
RT: 4.12 min Scan# 364

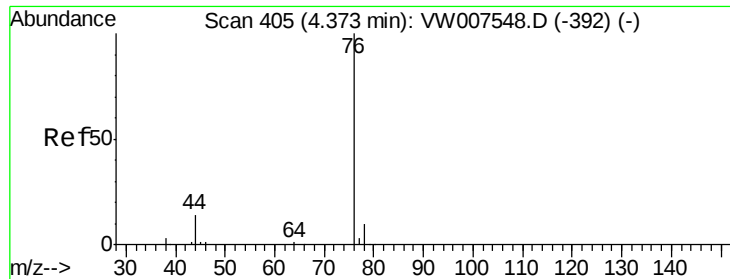
Delta R.T. 0.01 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Tgt Ion:	43	Resp:	19136
Ion	Ratio	Lower	Upper
43	100		
58	29.6	24.9	37.3





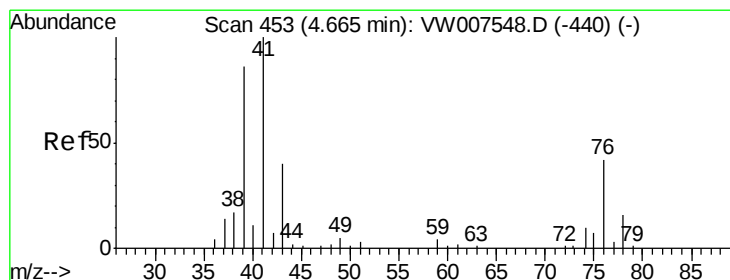
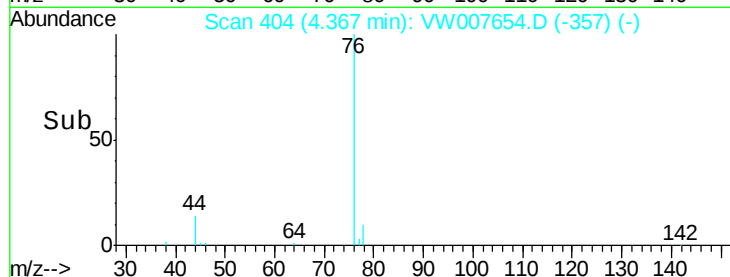
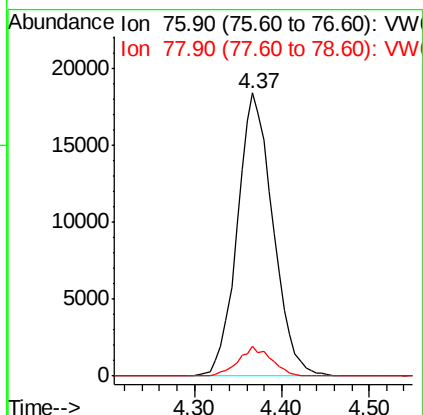
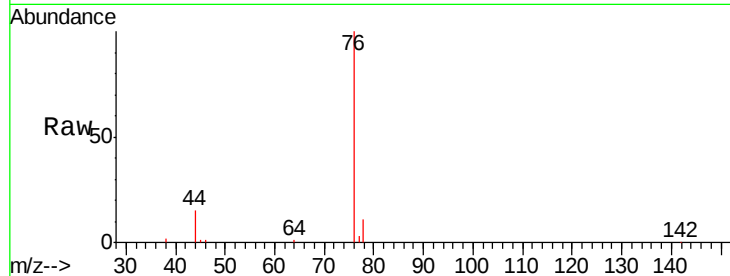
#17
Carbon Disulfide
Concen: 51.897 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion: 76 Resp: 52083
Ion Ratio Lower Upper
76 100
78 10.6 7.1 10.7

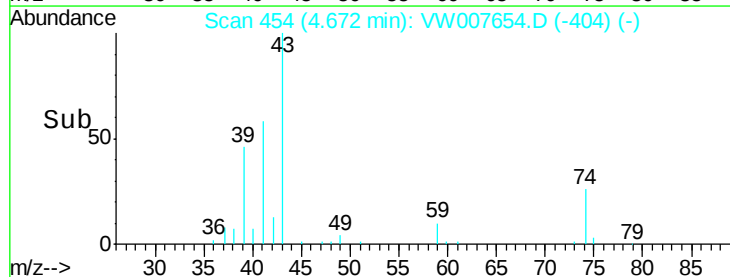
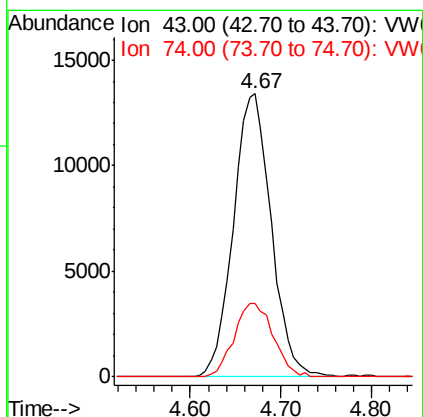
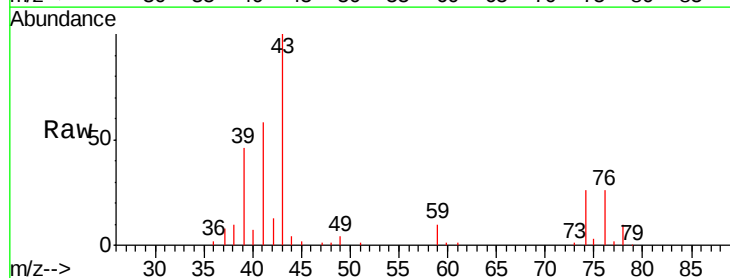
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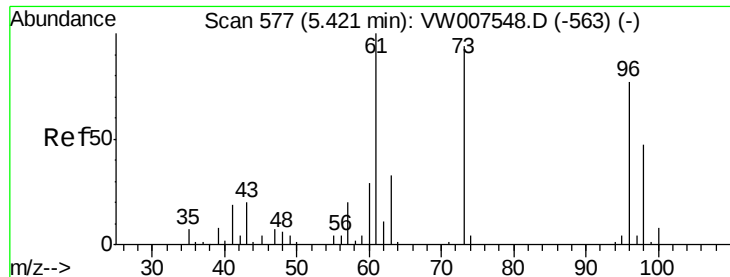
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#18
Methyl Acetate
Concen: 218.951 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion: 43 Resp: 38855
Ion Ratio Lower Upper
43 100
74 26.9 21.1 31.7





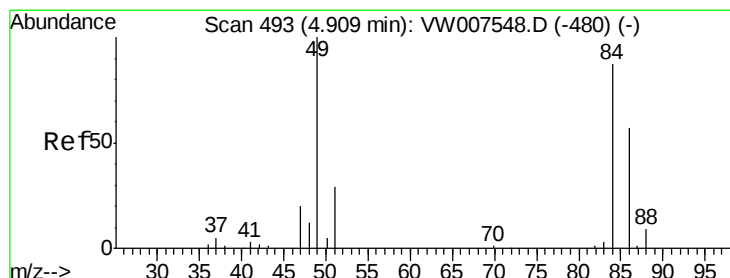
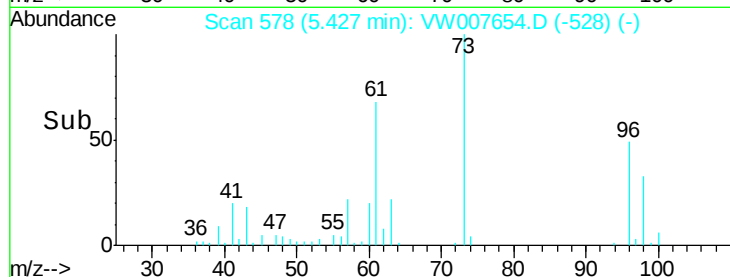
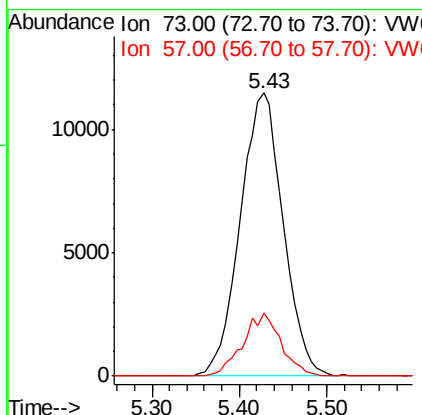
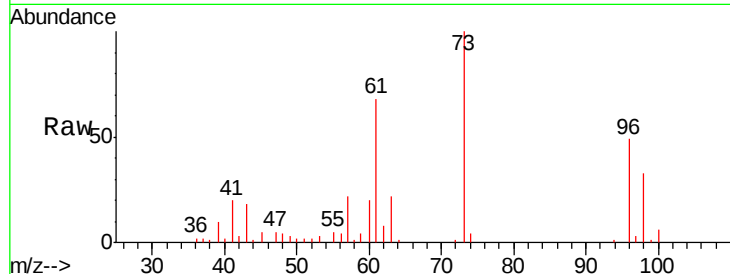
#19
Methyl tert-butyl Ether
Concen: 78.607 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion: 73 Resp: 39250
Ion Ratio Lower Upper
73 100
57 22.1 16.4 24.6

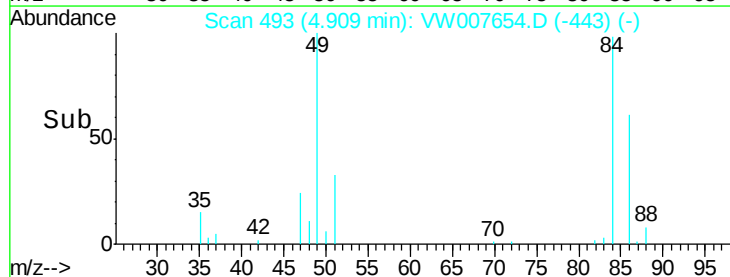
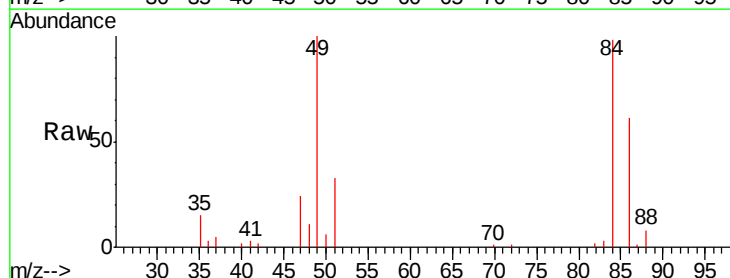
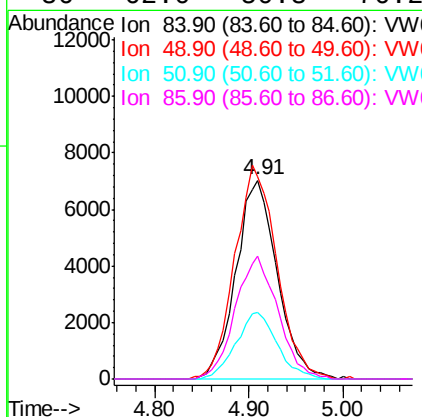
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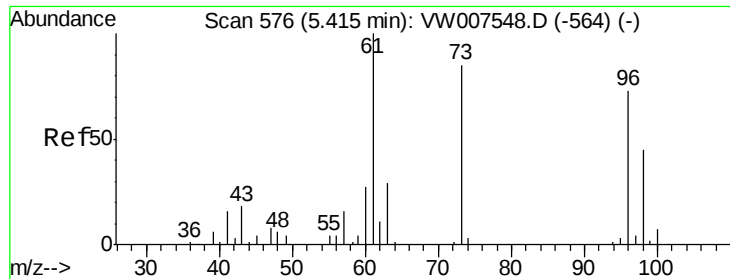
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#20
Methylene Chloride
Concen: 60.907 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion: 84 Resp: 21472
Ion Ratio Lower Upper
84 100
49 101.9 87.1 130.7
51 33.3 28.2 42.2
86 62.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 52.841 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

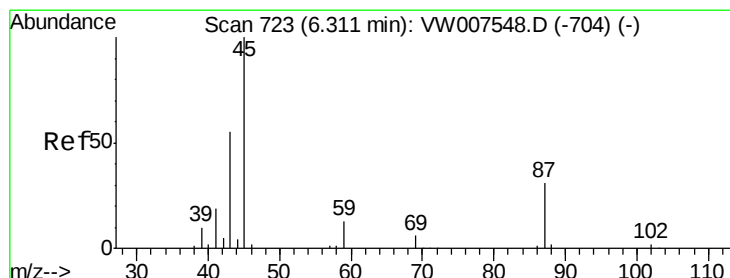
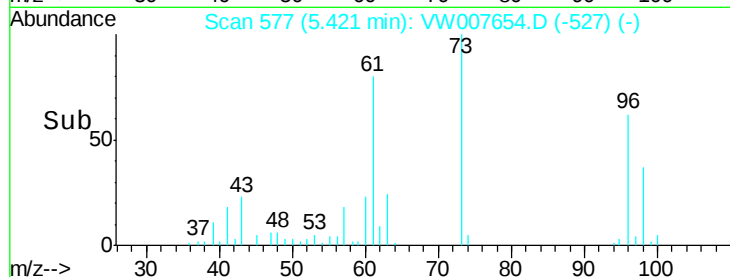
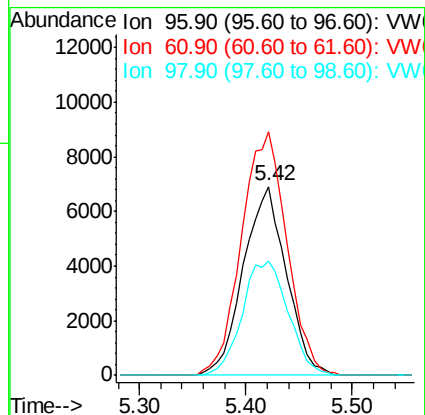
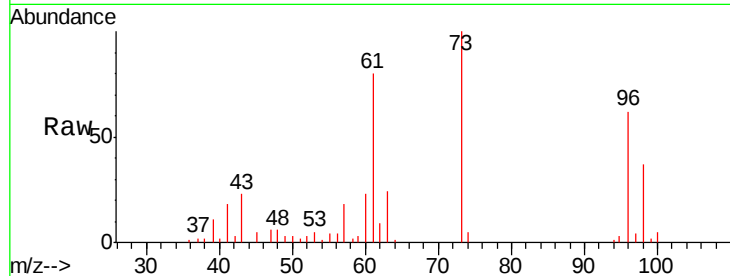
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:	96	Resp:	19565
Ion	Ratio	Lower	Upper
96	100		
61	129.0	105.0	157.6
98	60.4	49.7	74.5

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#22

Diisopropyl ether

Concen: 58.729 ug/l

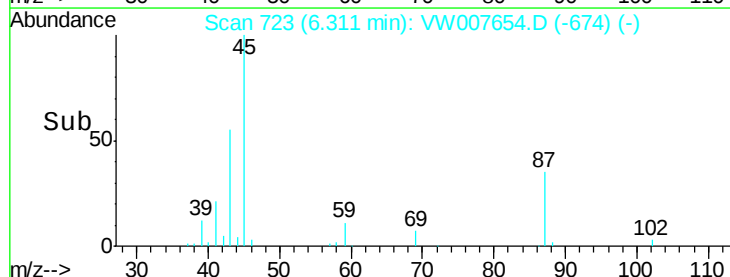
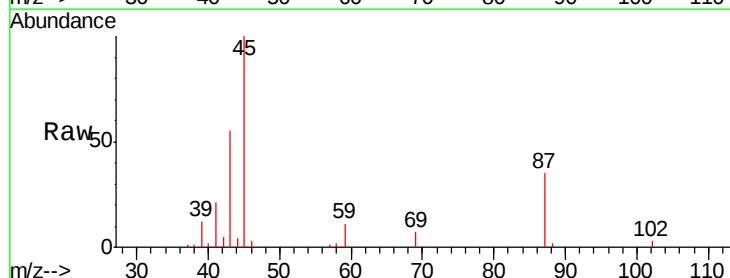
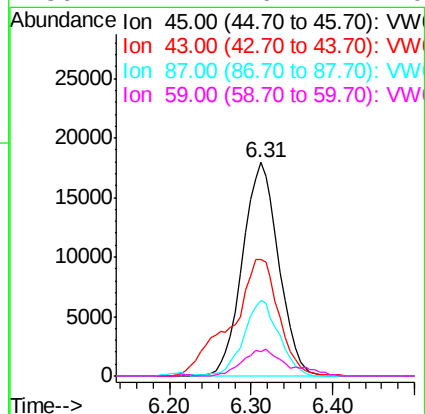
RT: 6.31 min Scan# 723

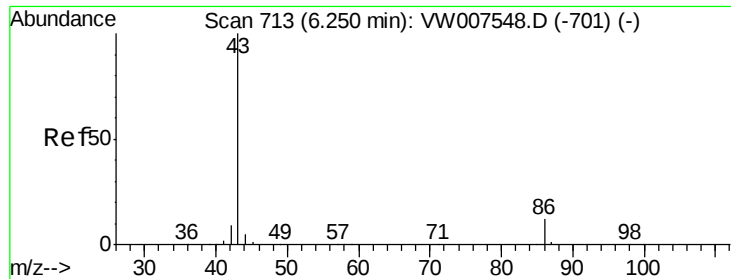
Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Tgt Ion:	45	Resp:	55075
Ion	Ratio	Lower	Upper
45	100		
43	54.3	41.6	62.4
87	35.2	24.3	36.5
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 75.499 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.06 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

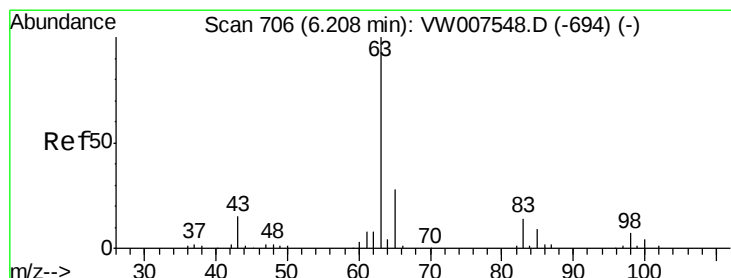
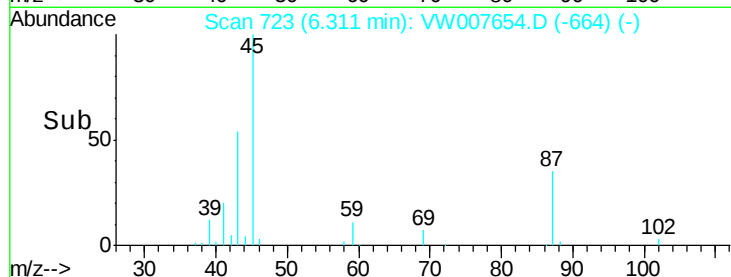
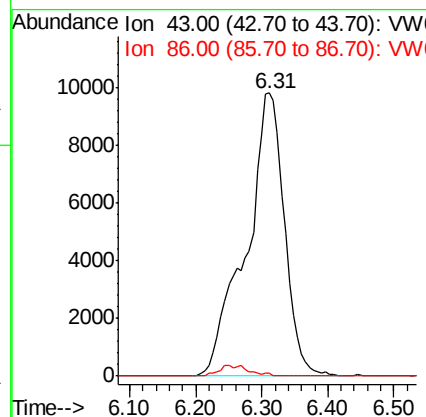
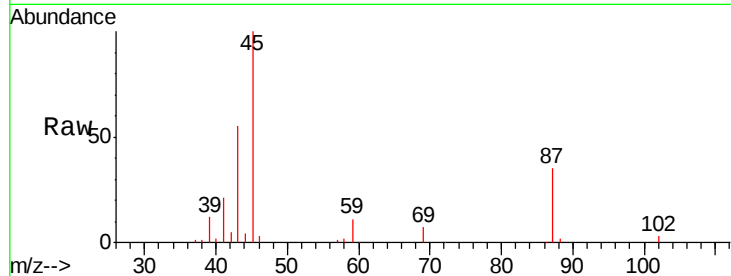
P001-SS016-0006-01MS

Tgt Ion: 43 Resp: 39602

Ion	Ratio	Lower	Upper
43	100		
86	0.9	8.6	12.8#

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#24

1,1-Dichloroethane

Concen: 56.616 ug/l

RT: 6.21 min Scan# 707

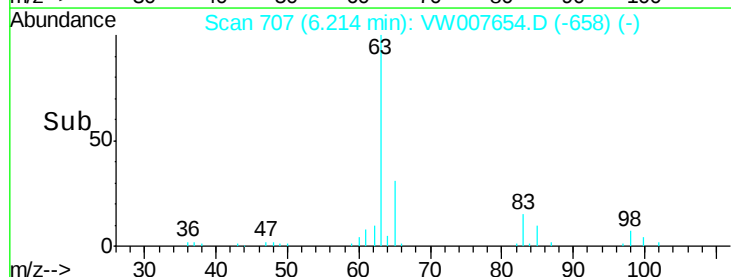
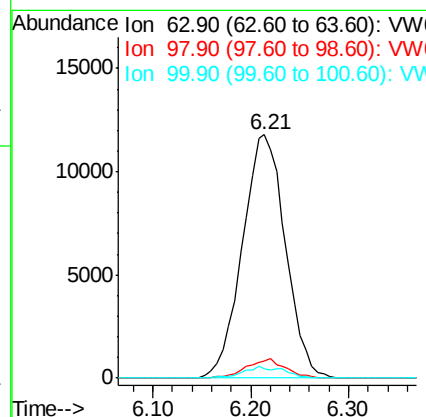
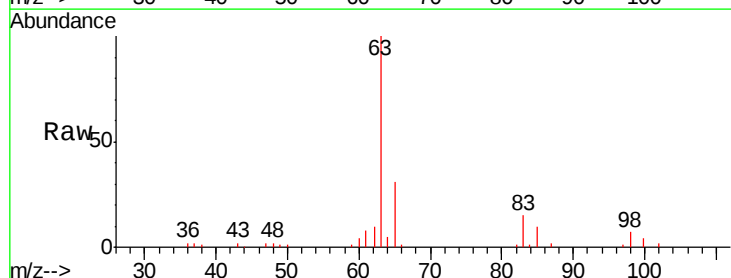
Delta R.T. -0.00 min

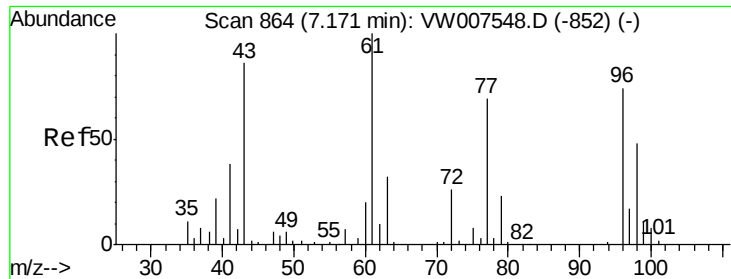
Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Tgt Ion: 63 Resp: 35884

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.4
100	4.1	2.5	7.5





#25

2-Butanone

Concen: 334.258 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion: 43 Resp: 28532

Ion Ratio Lower Upper

43 100

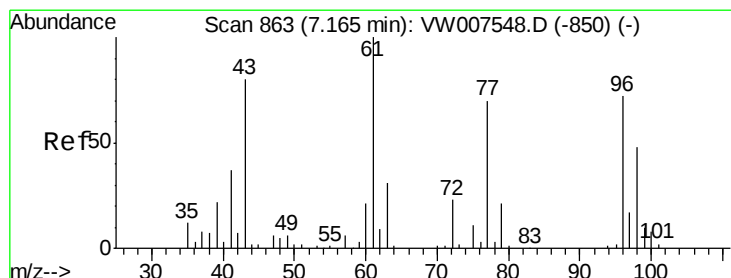
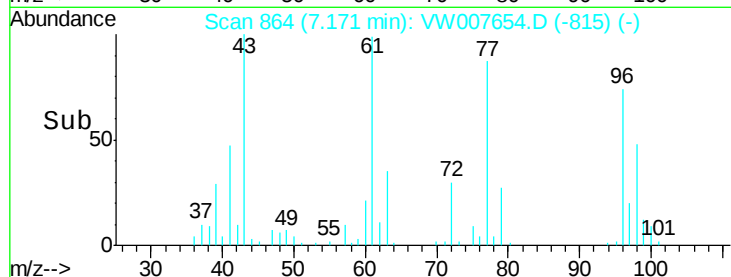
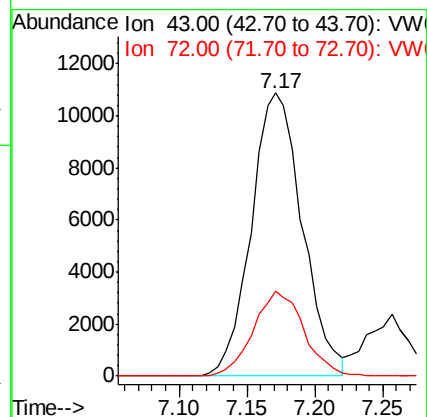
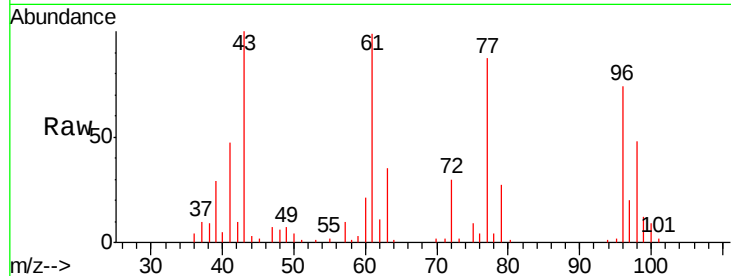
72 29.8 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 68.084 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007654.D

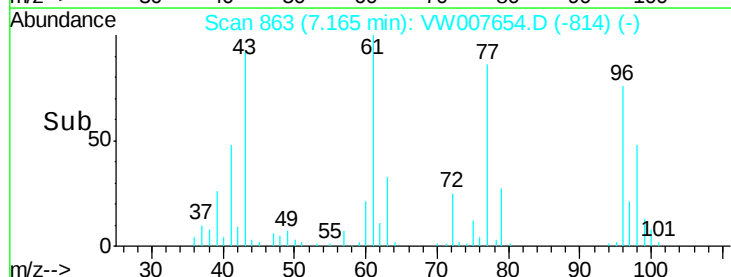
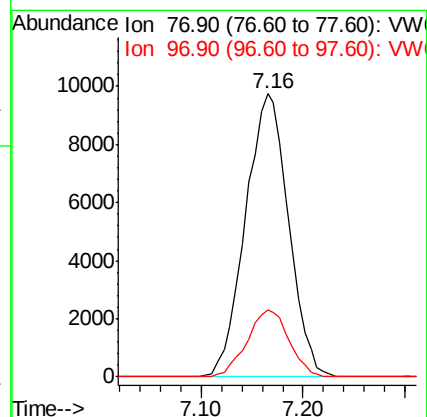
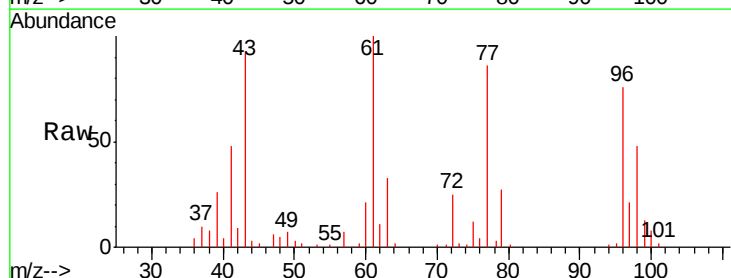
Acq: 18 Dec 2018 13:25

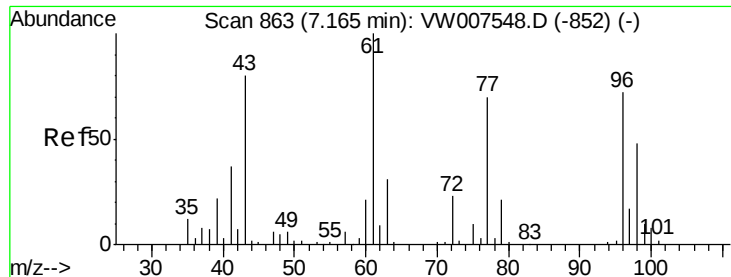
Tgt Ion: 77 Resp: 28559

Ion Ratio Lower Upper

77 100

97 22.9 11.6 34.8





#27

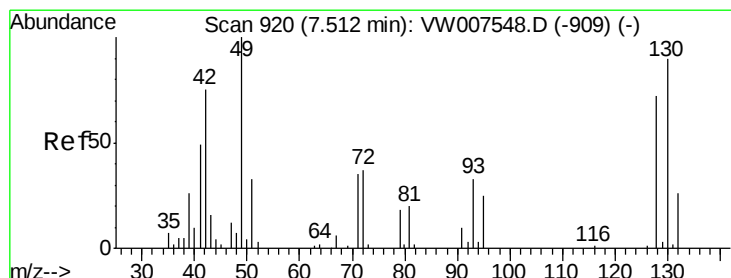
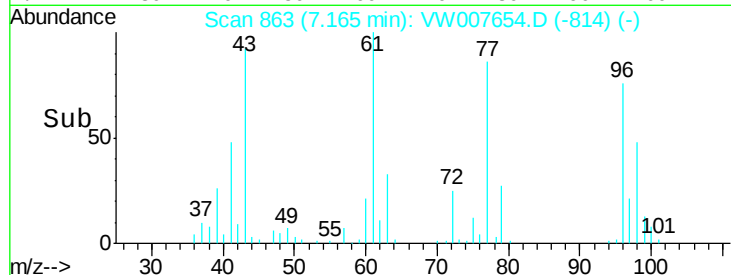
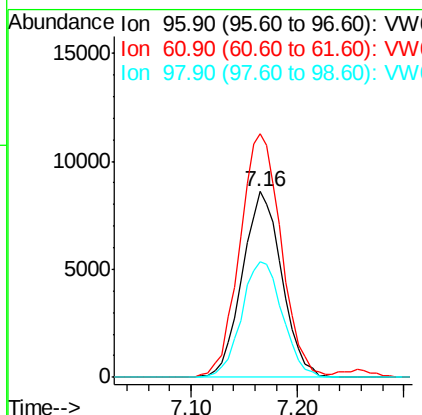
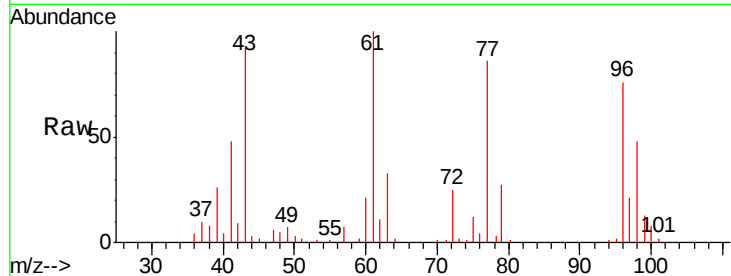
cis-1,2-Dichloroethene
Concen: 55.246 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	268.4
98	64.2	0.0	127.8

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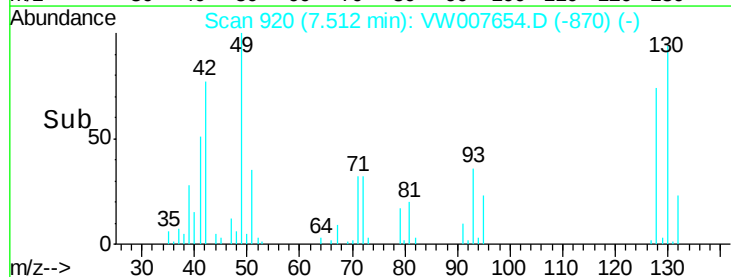
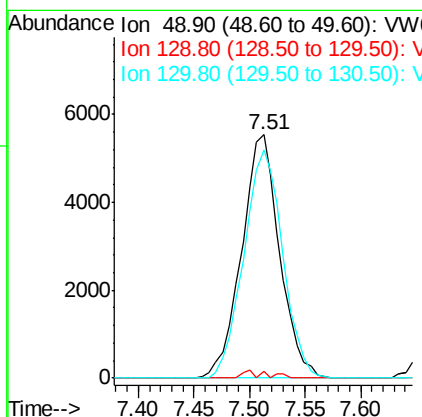
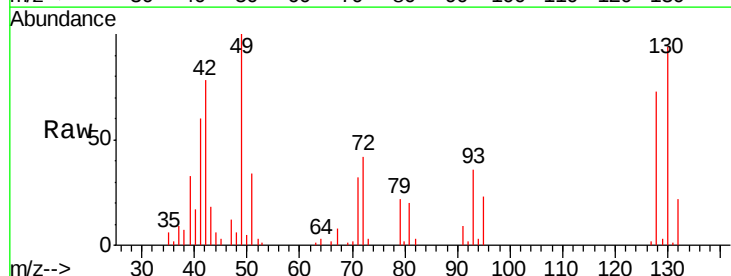
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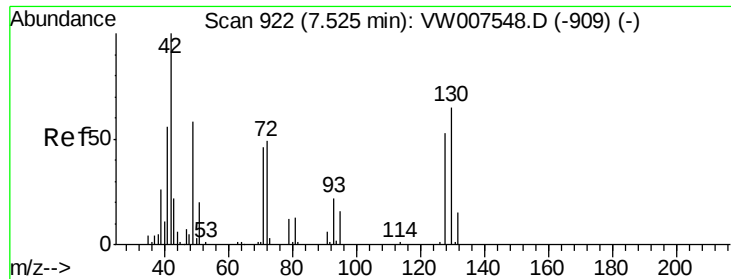


#28

Bromochloromethane
Concen: 55.007 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	2.6
130	96.2	75.9	113.9





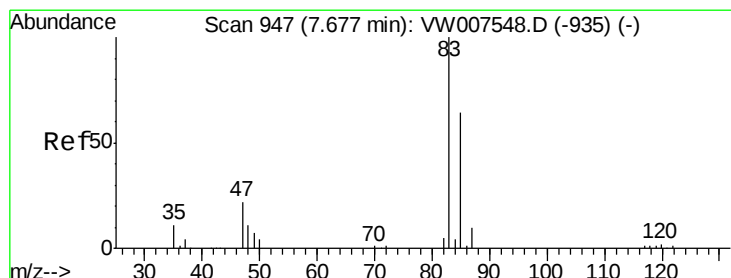
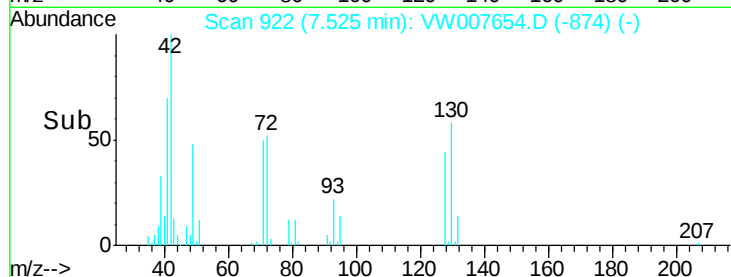
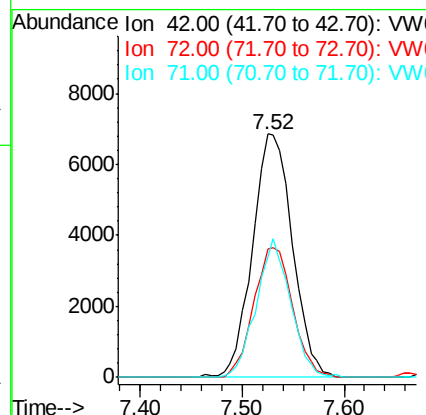
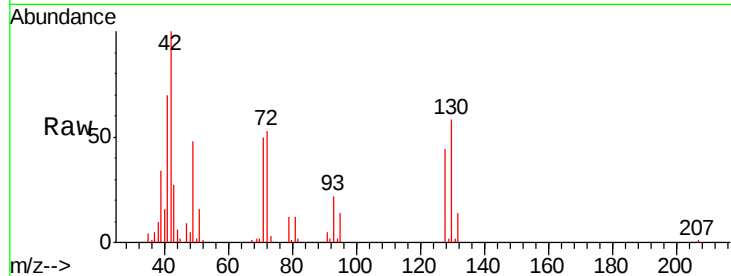
#29
Tetrahydrofuran
Concen: 345.478 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion	Ratio	Lower	Upper
42	100		
72	51.9	38.2	57.4
71	48.8	35.5	53.3

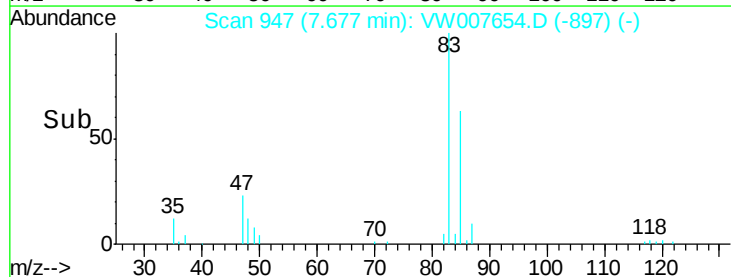
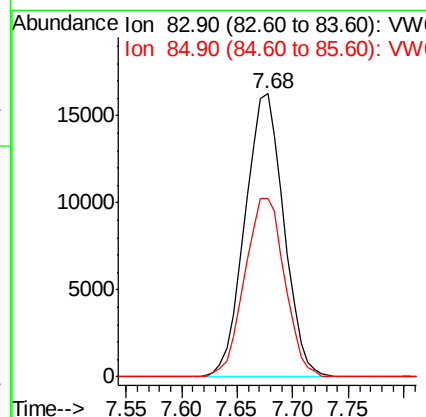
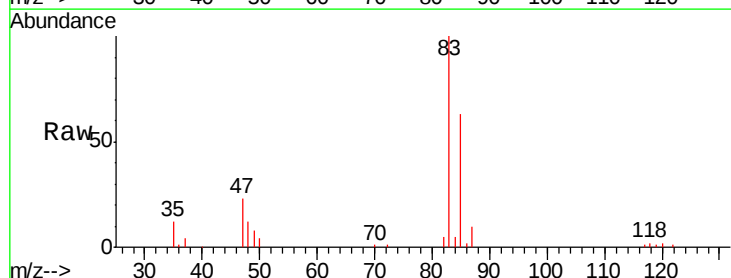
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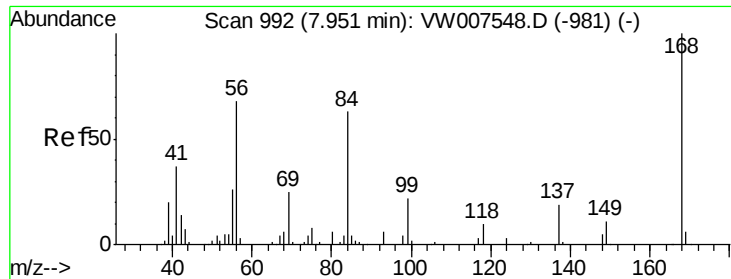
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#30
Chloroform
Concen: 57.387 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.8	77.8





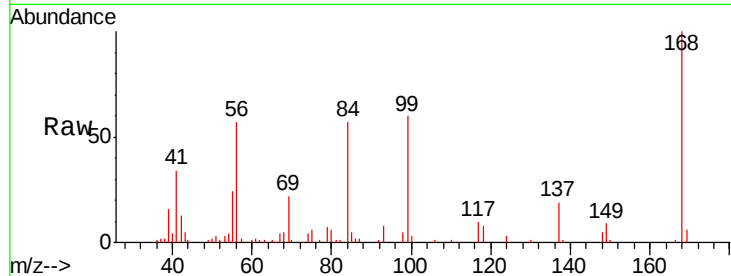
#31
Cyclohexane
Concen: 38.238 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

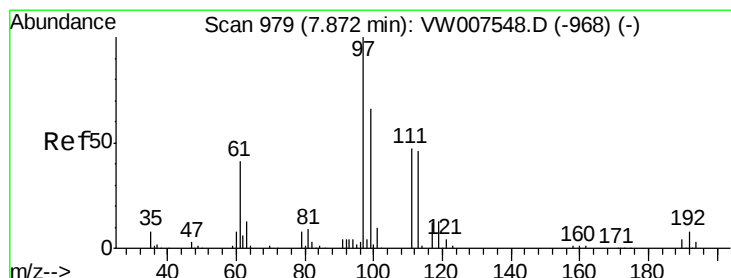
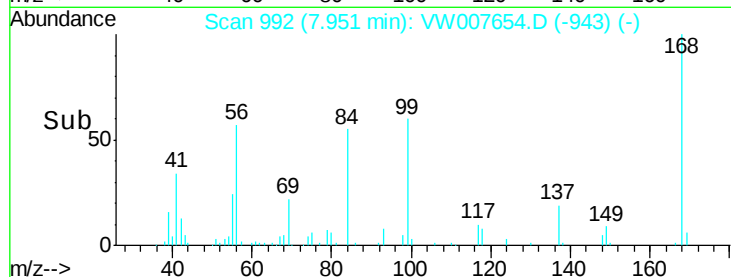
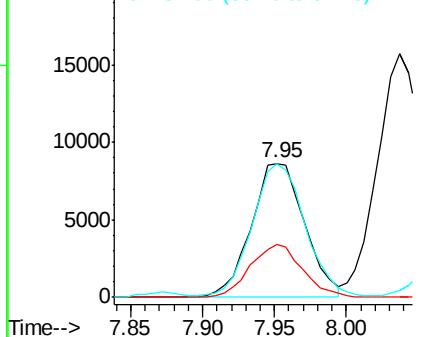
Tgt Ion: 56 Resp: 22236
Ion Ratio Lower Upper
56 100
69 39.3 28.9 43.3
84 98.8 71.8 107.6

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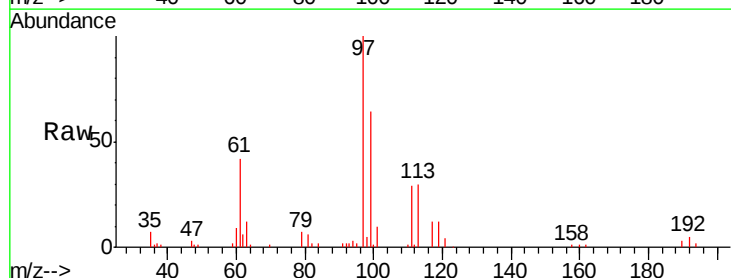


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

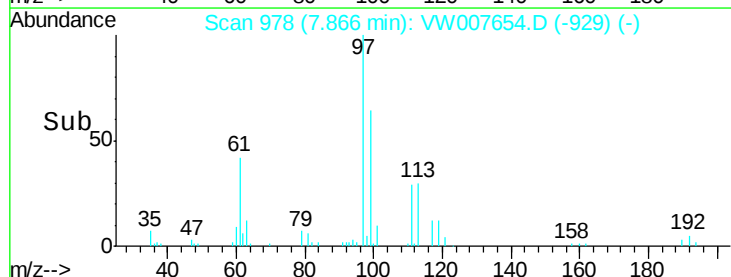
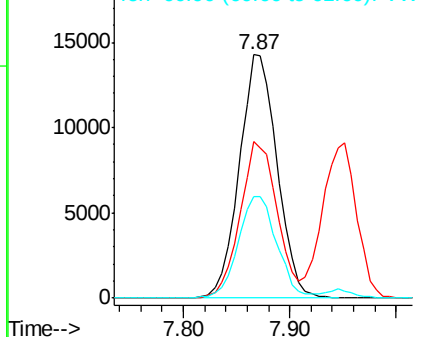


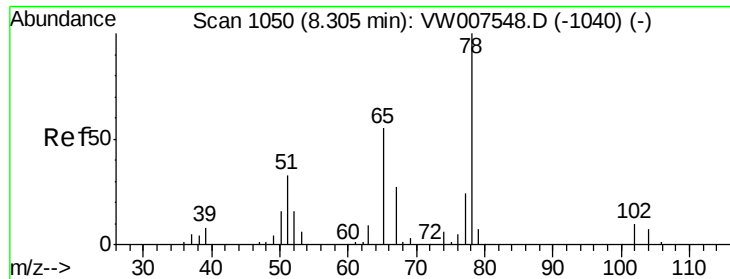
#32
1,1,1-Trichloroethane
Concen: 58.662 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion: 97 Resp: 35482
Ion Ratio Lower Upper
97 100
99 63.3 51.1 76.7
61 42.8 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 58.646 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion: 65 Resp: 21953

Ion Ratio Lower Upper

65 100

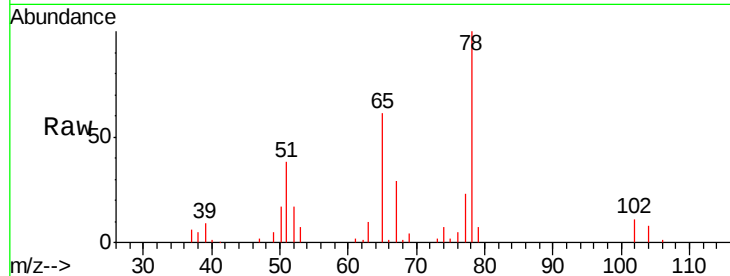
67 50.3 0.0 101.6

Manual Integrations

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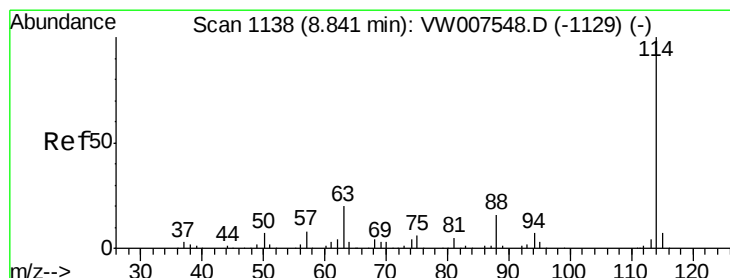
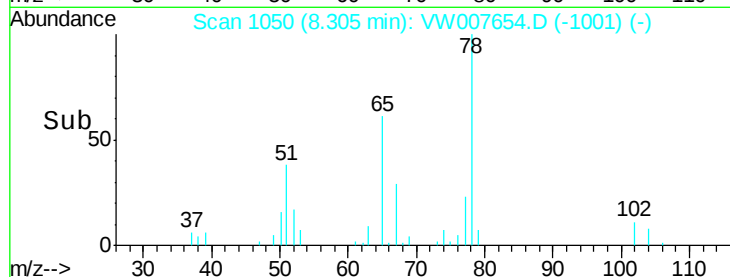
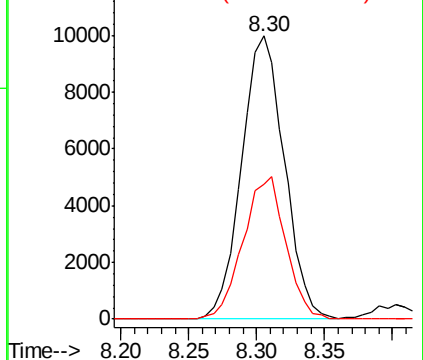
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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

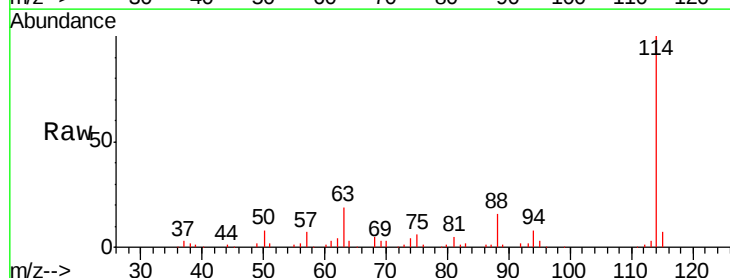
Tgt Ion: 114 Resp: 52754

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

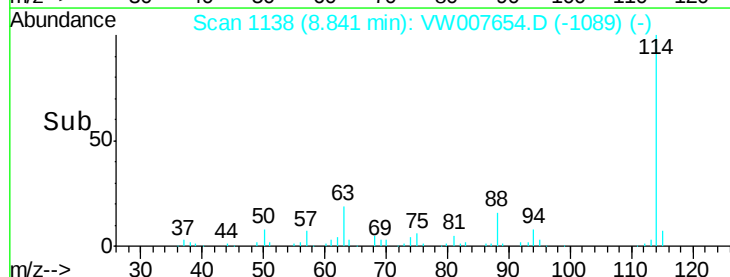
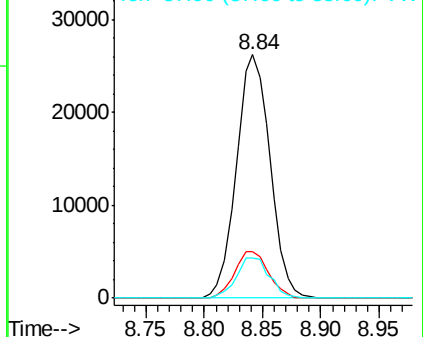
88 16.5 0.0 31.4

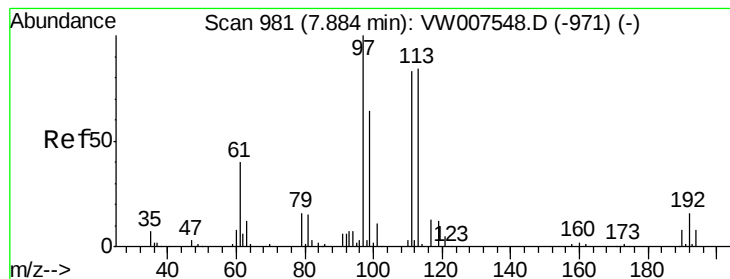


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 57.302 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

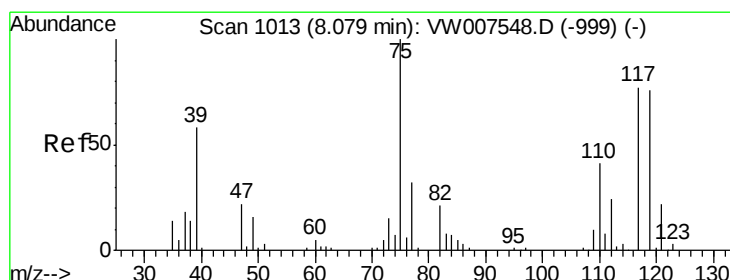
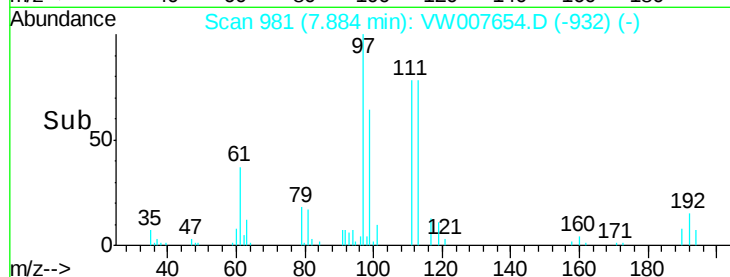
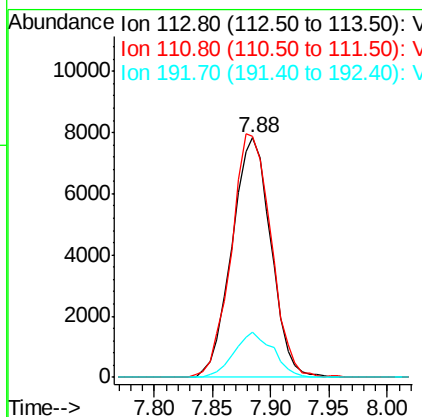
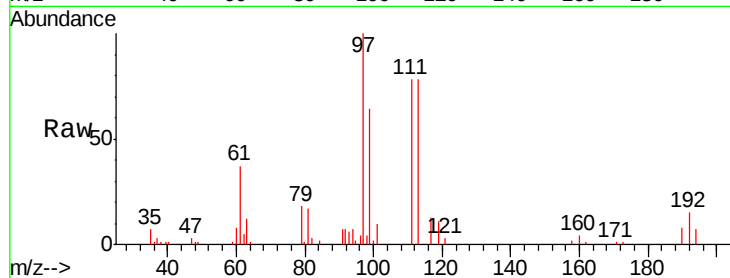
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:	113	Resp:	18299
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.1	121.7
192	18.9	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 53.150 ug/l

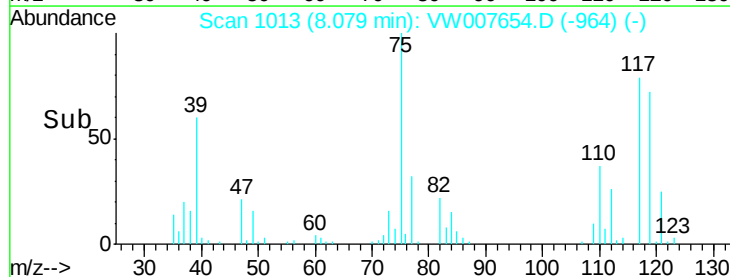
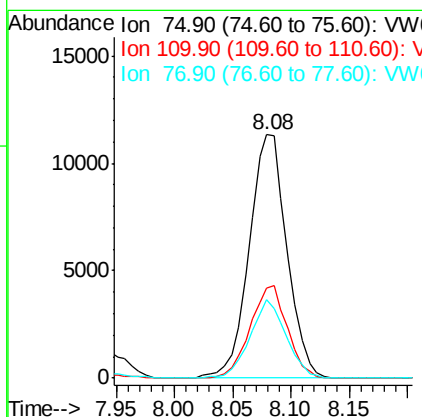
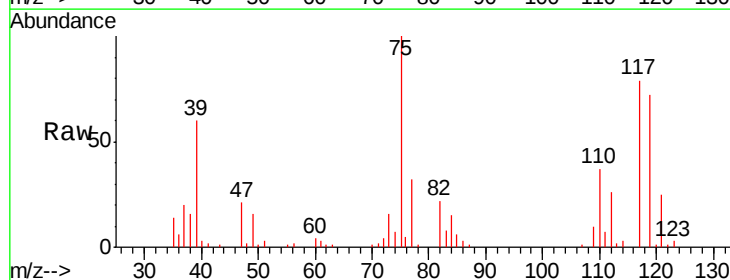
RT: 8.08 min Scan# 1013

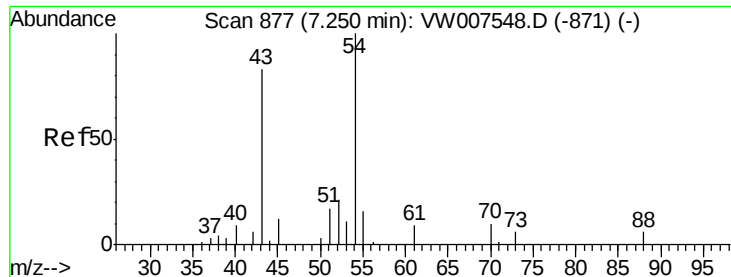
Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Tgt Ion:	75	Resp:	25578
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.5	55.5
77	30.8	25.6	38.4





#37

Ethyl Acetate

Concen: 32.270 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

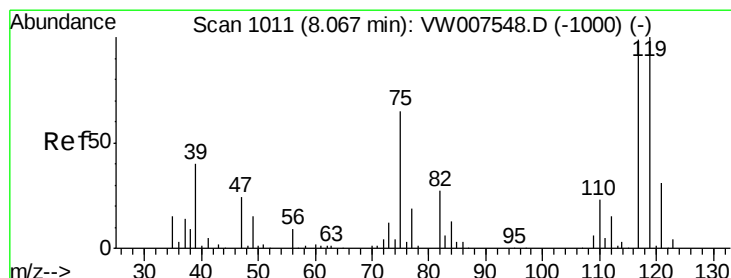
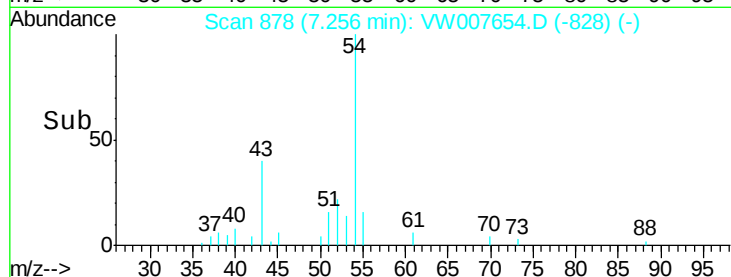
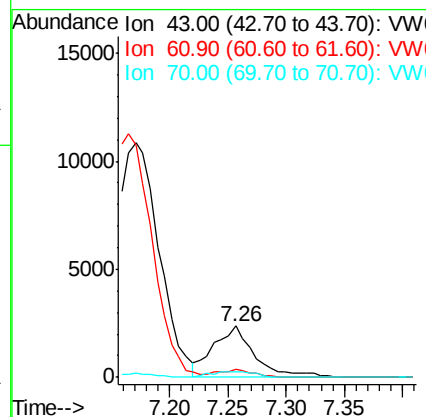
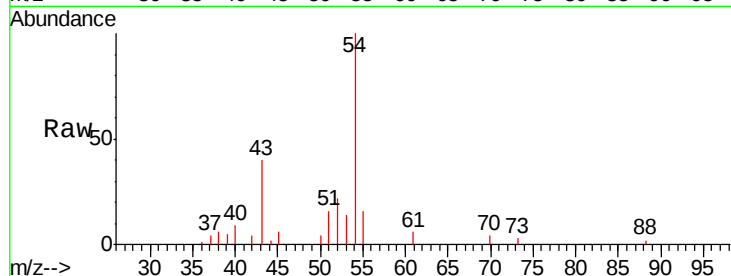
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:	43	Resp:	5776
Ion Ratio	Lower	Upper	
43	100		
61	0.0	12.1	18.1#
70	12.3	10.0	15.0

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#38

Carbon Tetrachloride

Concen: 58.303 ug/l

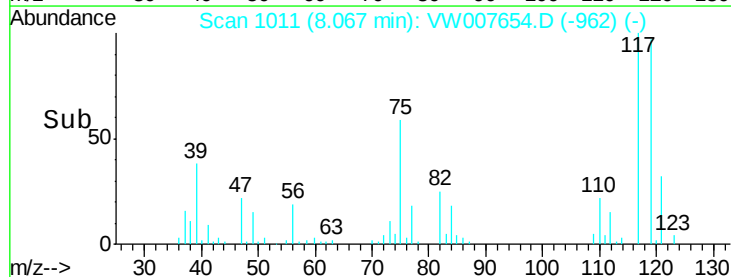
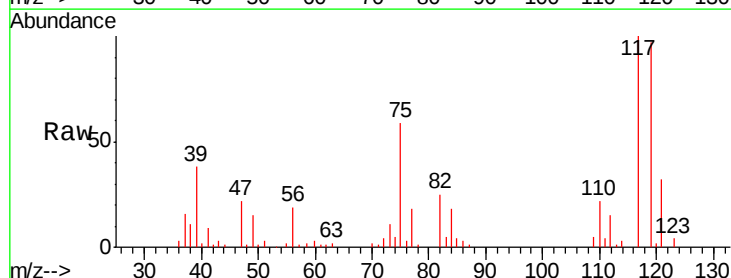
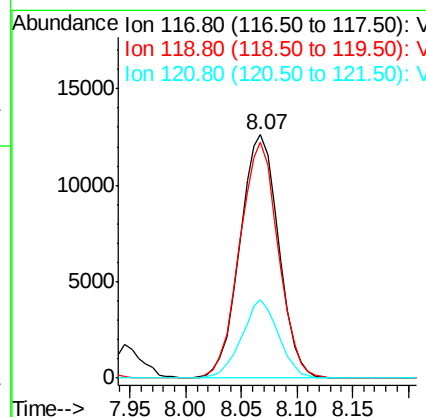
RT: 8.07 min Scan# 1011

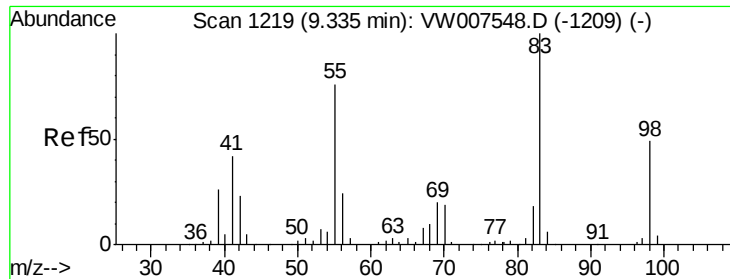
Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Tgt Ion:	117	Resp:	30529
Ion Ratio	Lower	Upper	
117	100		
119	96.7	74.3	111.5
121	32.3	24.3	36.5





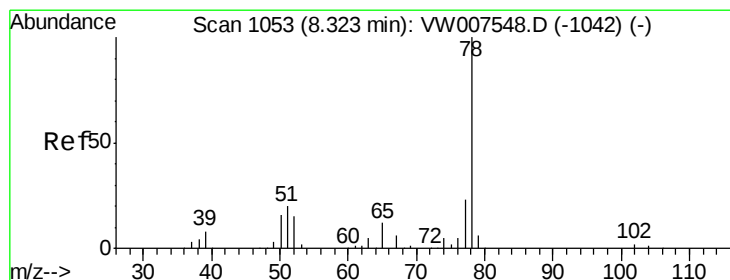
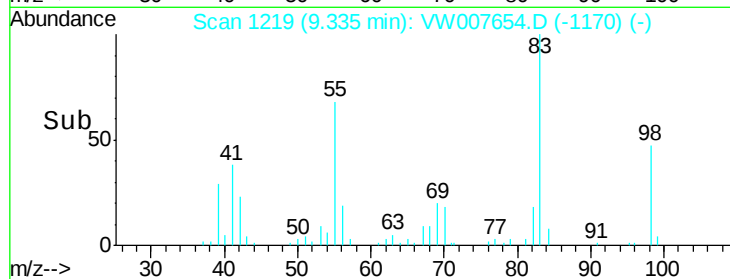
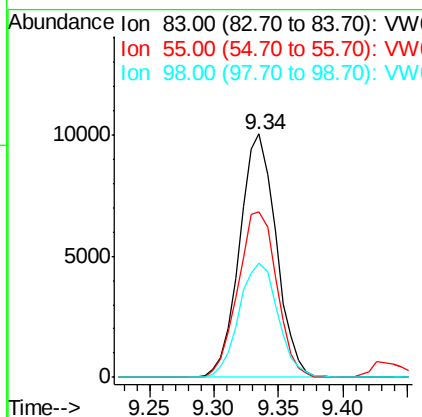
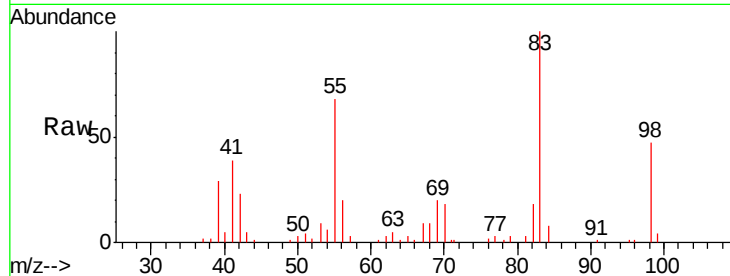
#39
Methylcyclohexane
Concen: 33.969 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.2	62.8	94.2
98	47.0	42.2	63.2

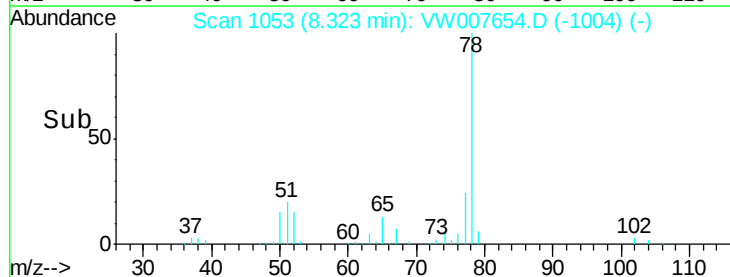
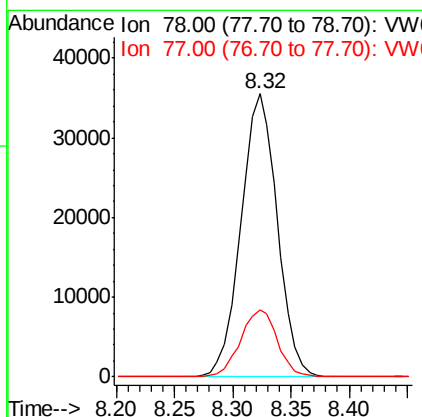
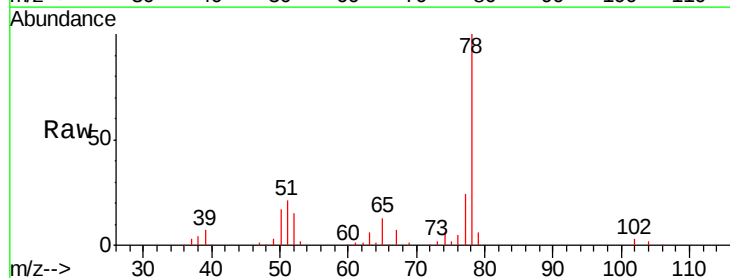
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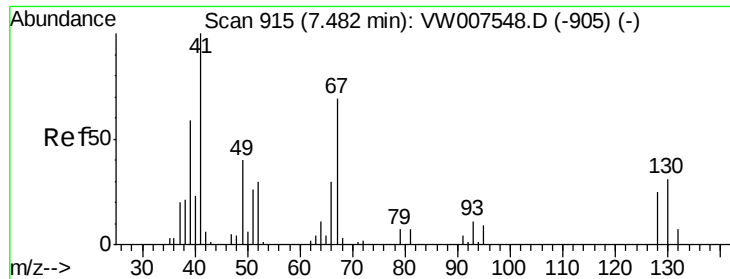
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#40
Benzene
Concen: 57.789 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





#41

Methacrylonitrile

Concen: 58.032 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

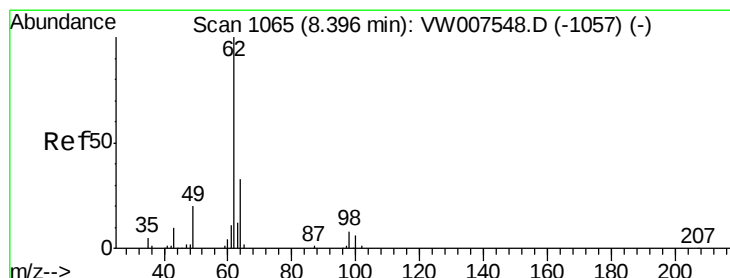
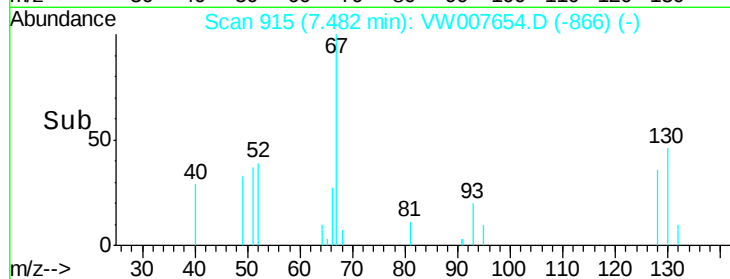
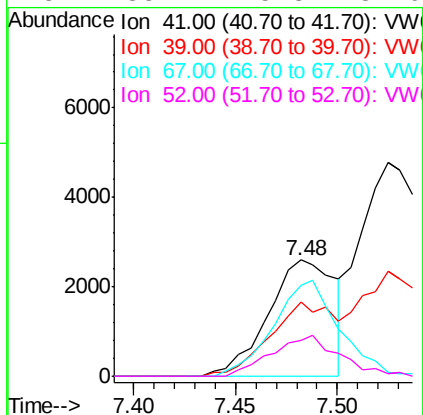
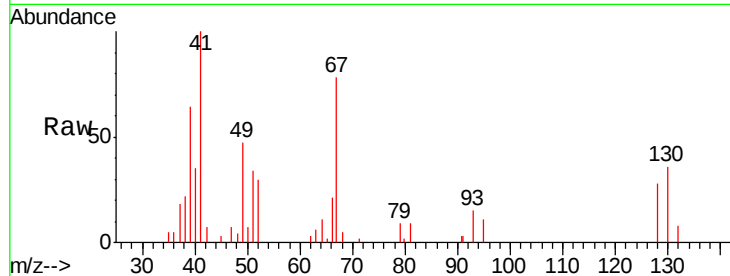
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:	41	Resp:	5915
Ion	Ratio	Lower	Upper
41	100		
39	61.0	52.2	78.2
67	81.1	60.5	90.7
52	35.7	25.3	37.9

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#42

1,2-Dichloroethane

Concen: 69.717 ug/l

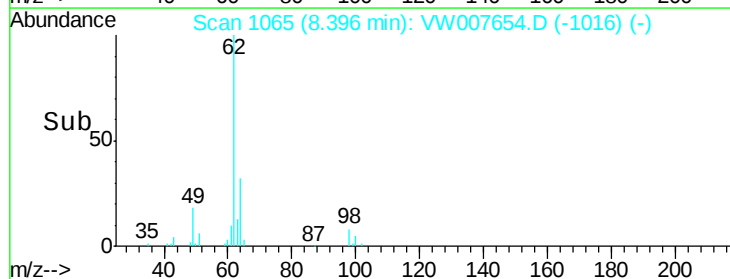
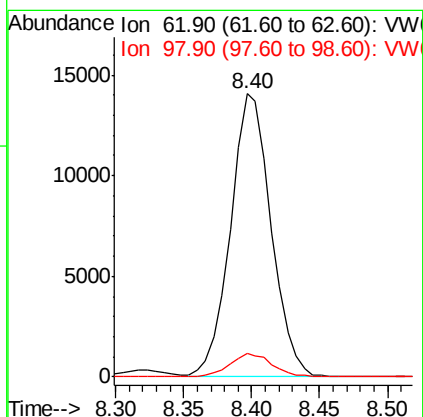
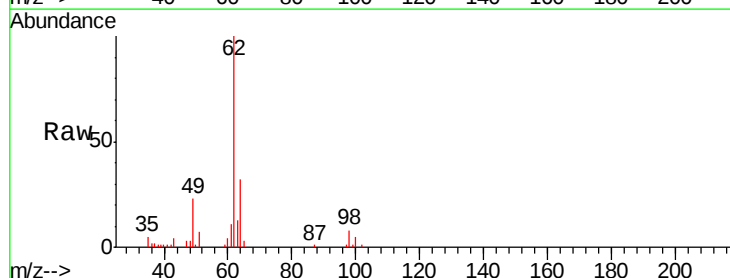
RT: 8.40 min Scan# 1065

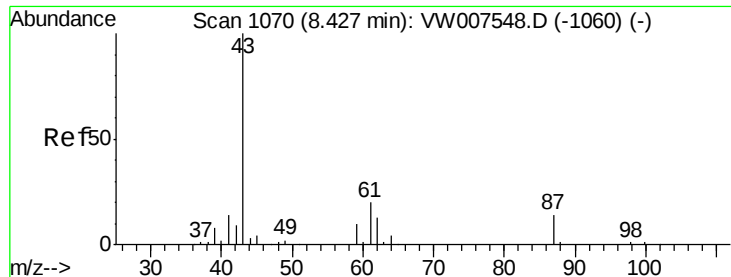
Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Tgt Ion:	62	Resp:	29248
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.6





#43

Isopropyl Acetate

Concen: 37.606 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

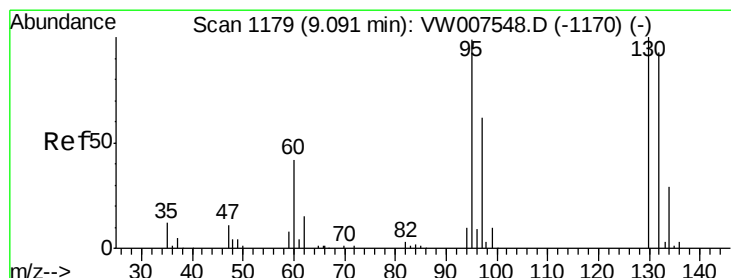
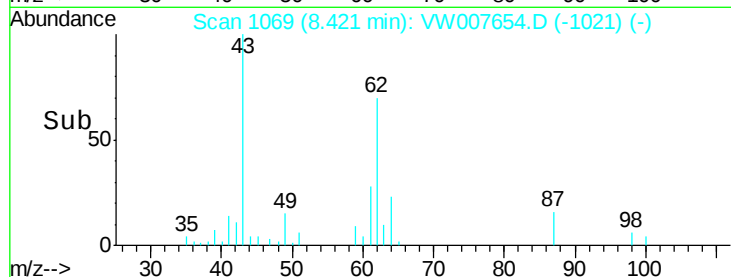
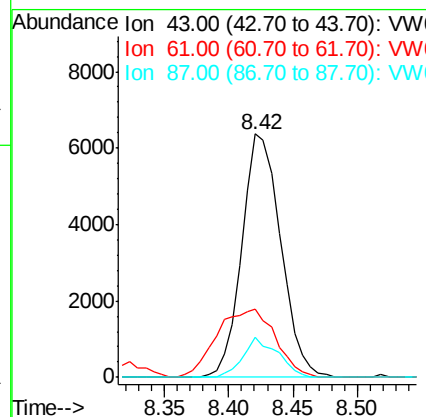
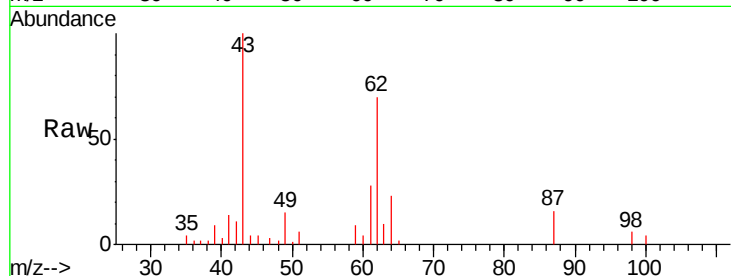
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:	43	Resp:	13296
Ion Ratio	Lower	Upper	
43	100		
61	42.3	25.3	37.9#
87	14.6	11.8	17.8

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#44

Trichloroethene

Concen: 54.490 ug/l

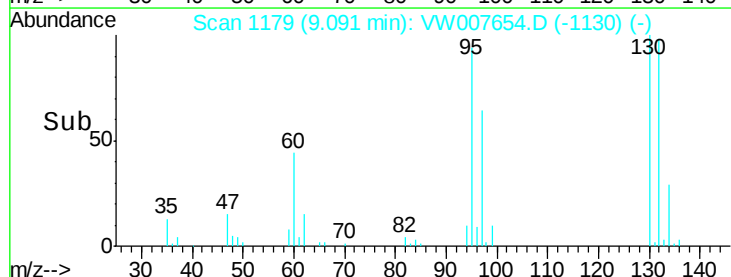
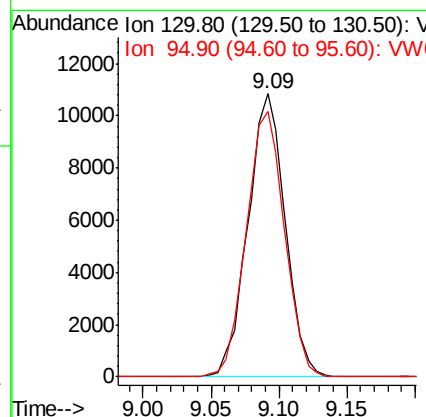
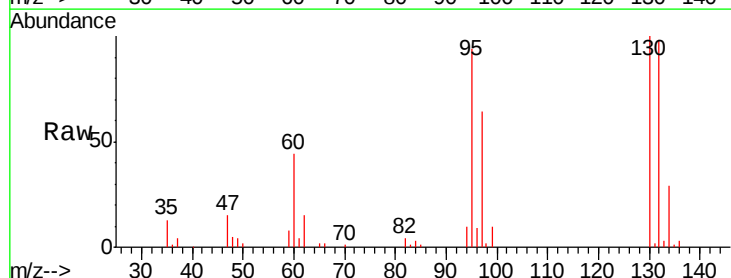
RT: 9.09 min Scan# 1179

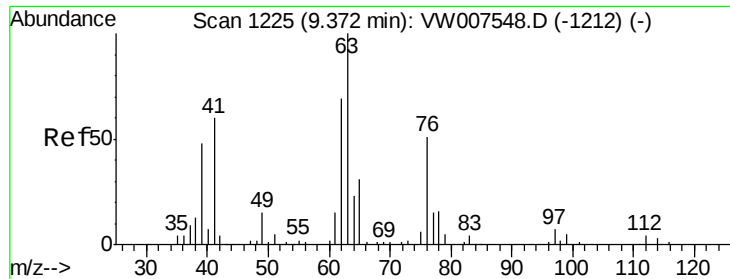
Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Tgt Ion:	130	Resp:	20781
Ion Ratio	Lower	Upper	
130	100		
95	93.8	0.0	193.2





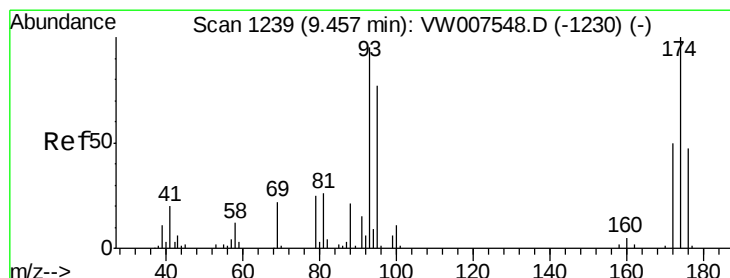
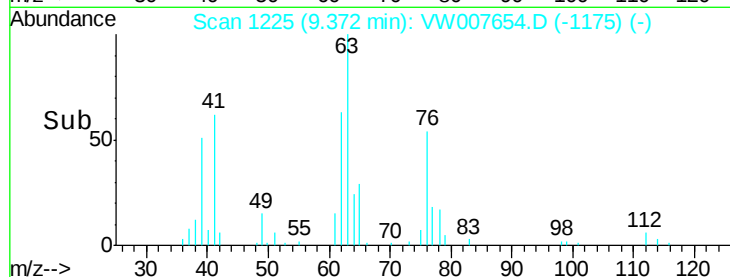
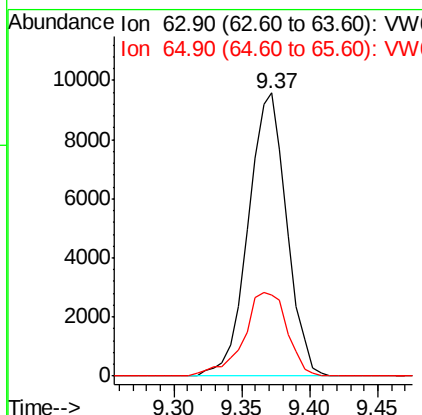
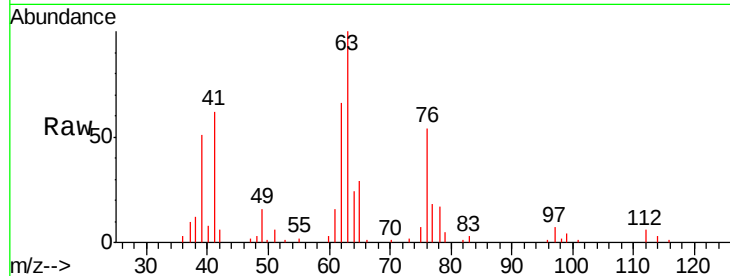
#45
 1,2-Dichloropropane
 Concen: 61.296 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007654.D
 Acq: 18 Dec 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

Tgt Ion: 63 Resp: 18944
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.4 36.6

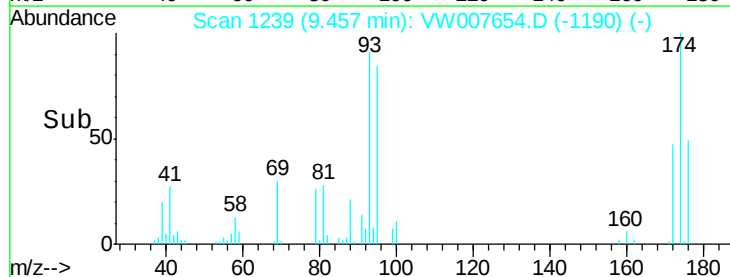
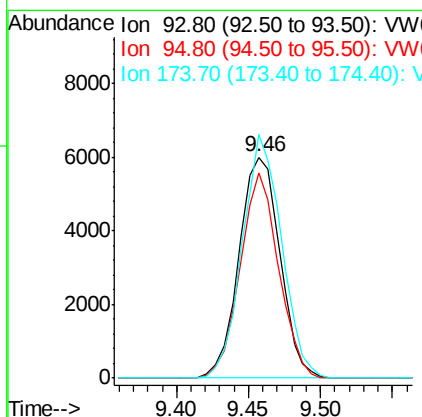
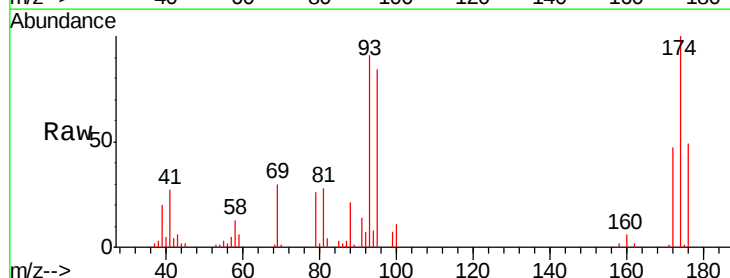
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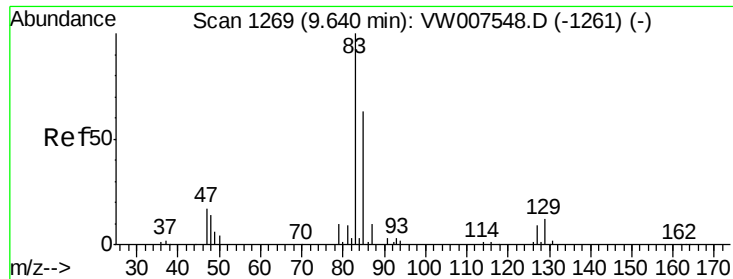
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#46
 Dibromomethane
 Concen: 67.193 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007654.D
 Acq: 18 Dec 2018 13:25

Tgt Ion: 93 Resp: 11793
 Ion Ratio Lower Upper
 93 100
 95 87.1 68.0 102.0
 174 105.5 83.2 124.8





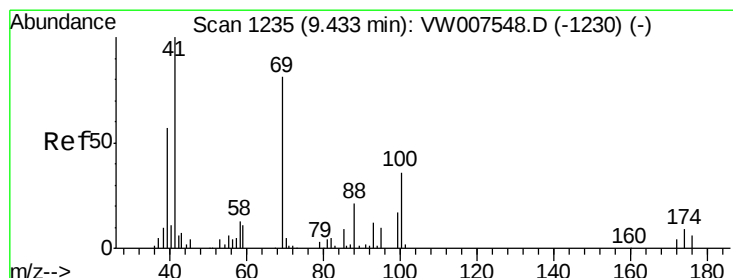
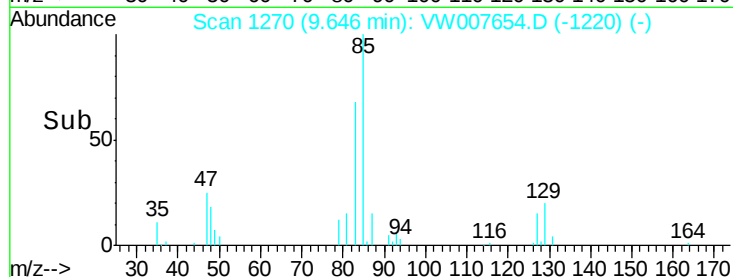
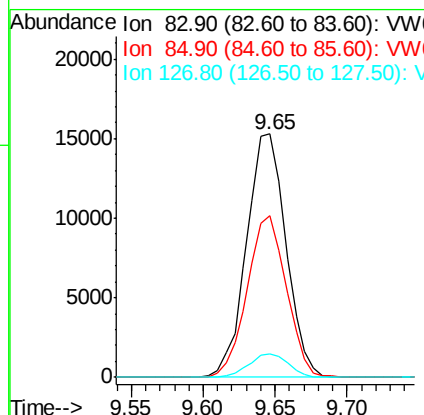
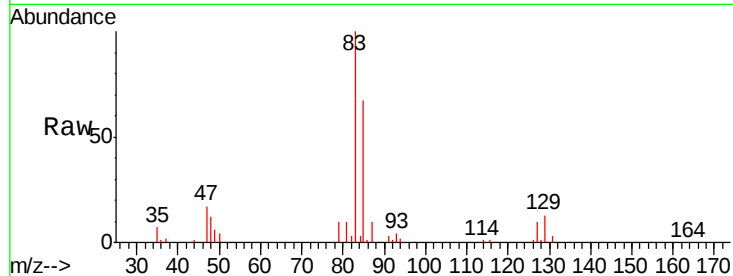
#47
Bromodichloromethane
Concen: 62.816 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	28918		
85	66.7	47.6	71.4	
127	9.7	6.7	10.1	

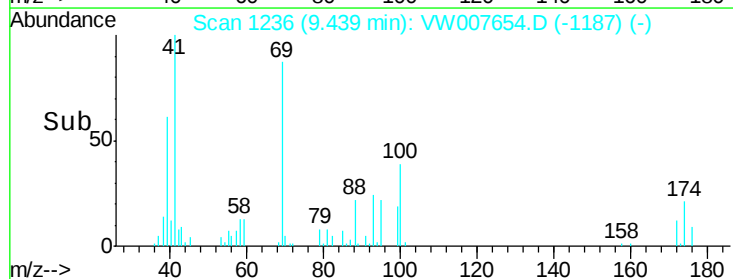
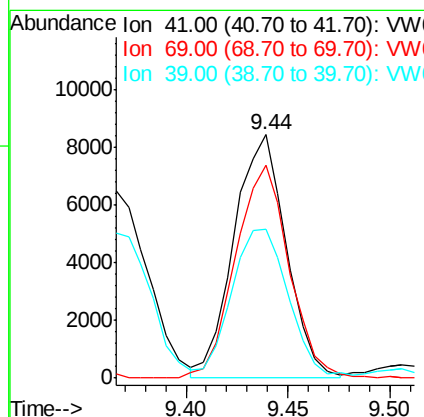
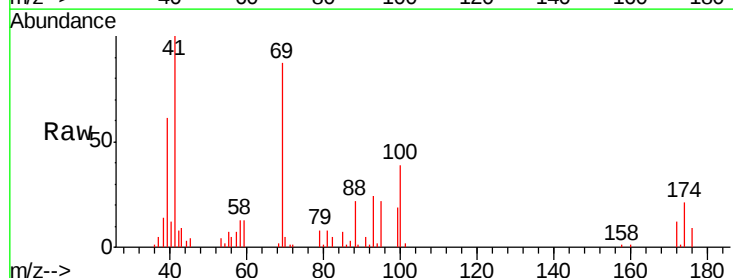
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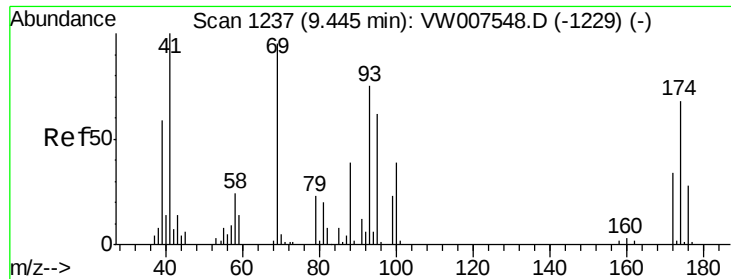
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#48
Methyl methacrylate
Concen: 82.712 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	15019		
69	89.5	69.8	104.8	
39	66.8	50.9	76.3	





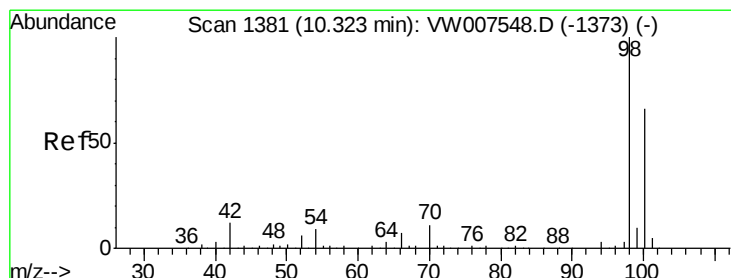
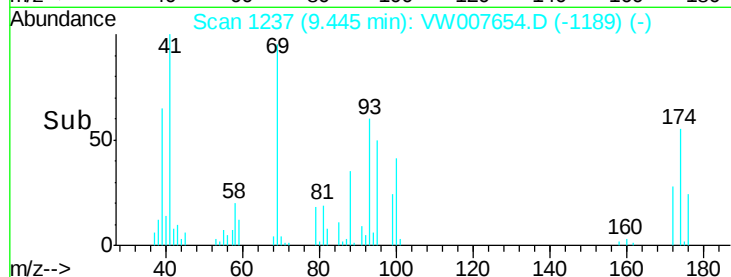
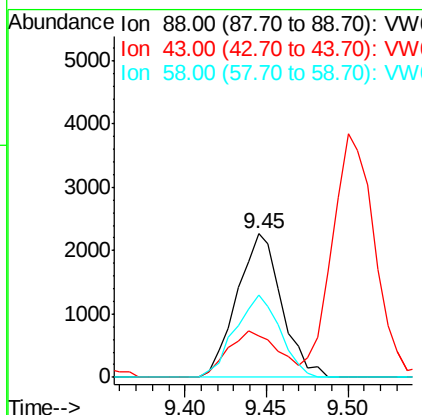
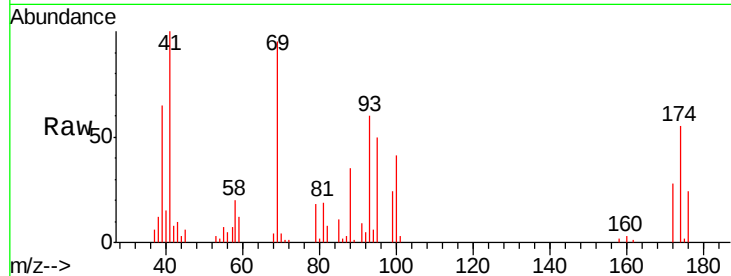
#49
1,4-Dioxane
Concen: 1516.638 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion: 88 Resp: 4319
Ion Ratio Lower Upper
88 100
43 36.4 25.0 37.4
58 57.9 51.4 77.2

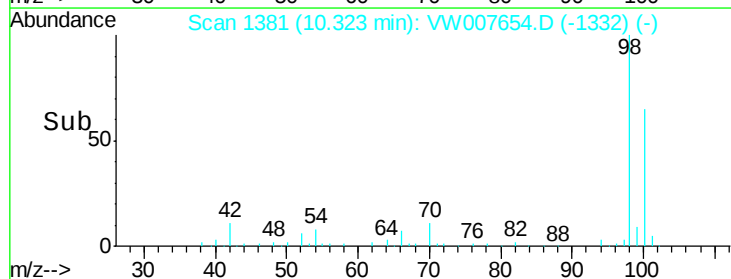
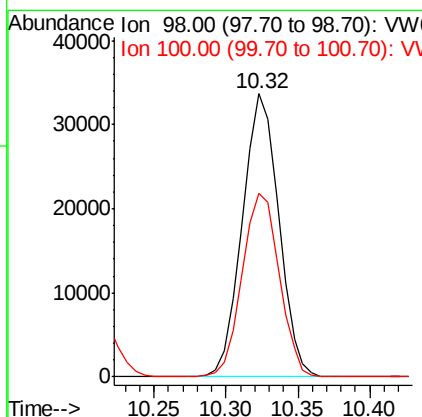
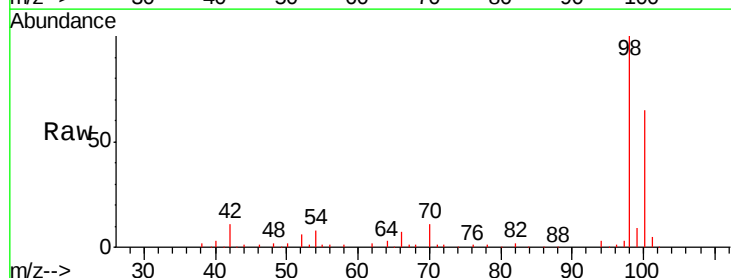
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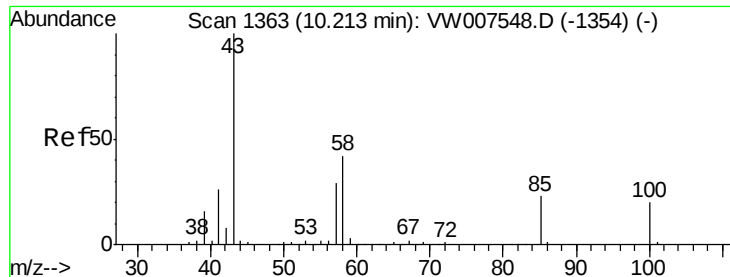
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#50
Toluene-d8
Concen: 49.311 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion: 98 Resp: 59043
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.8





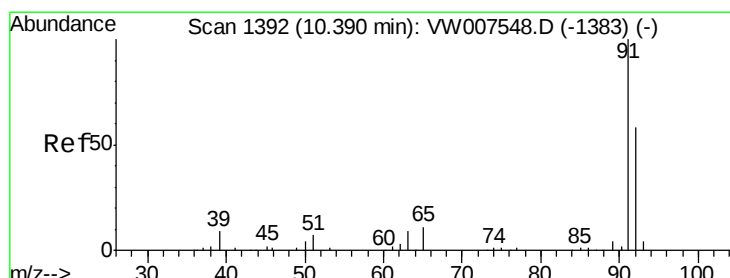
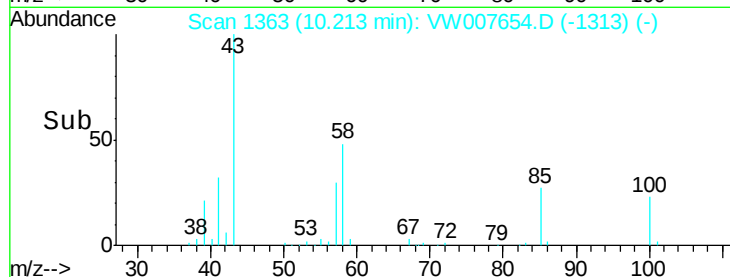
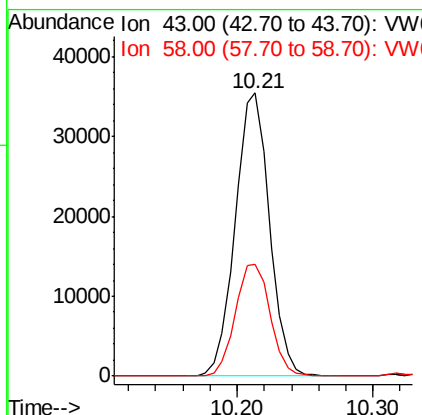
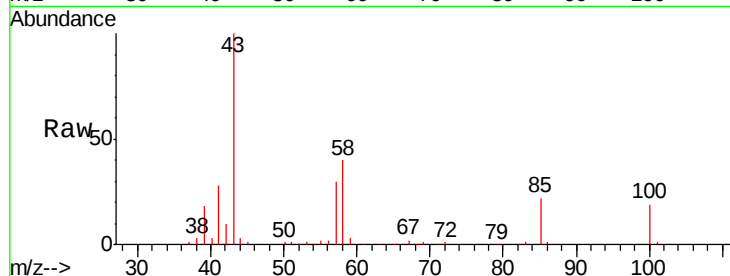
#51
4-Methyl-2-Pentanone
Concen: 371.992 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion: 43 Resp: 62144
Ion Ratio Lower Upper
43 100
58 40.3 33.1 49.7

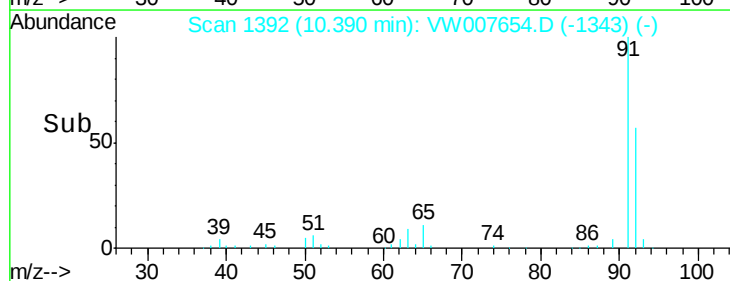
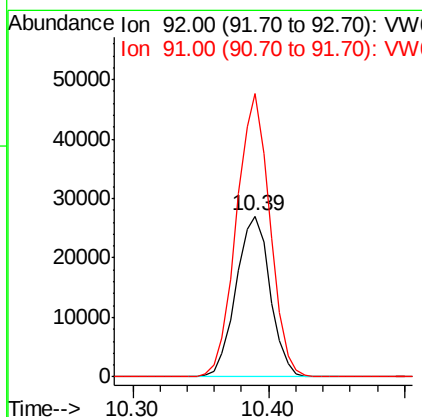
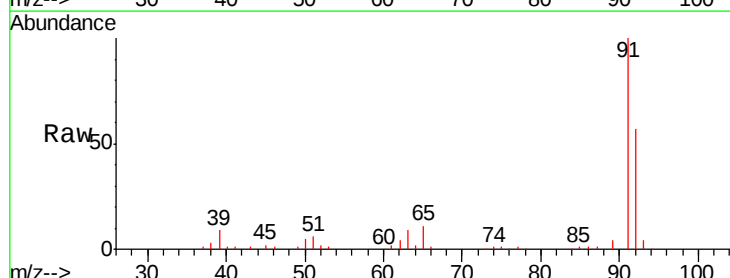
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#52
Toluene
Concen: 54.524 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion: 92 Resp: 47124
Ion Ratio Lower Upper
92 100
91 173.0 136.2 204.2





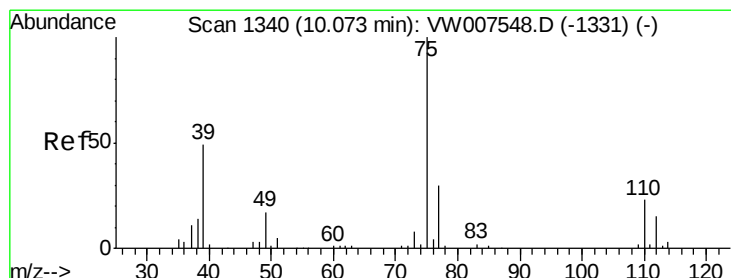
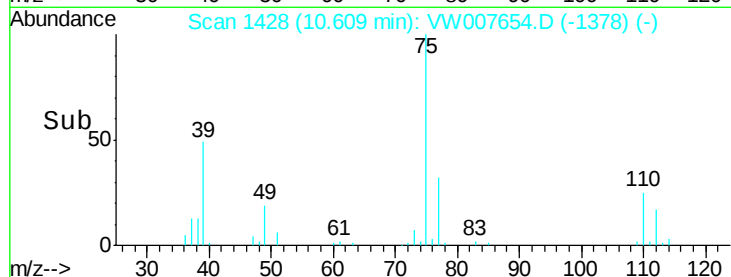
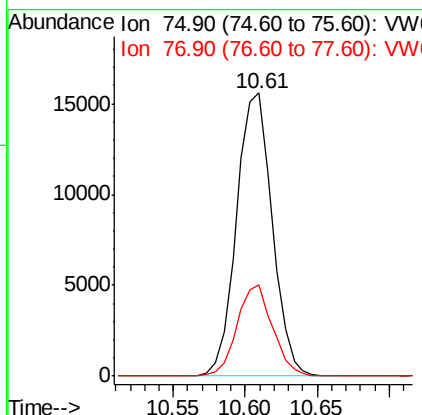
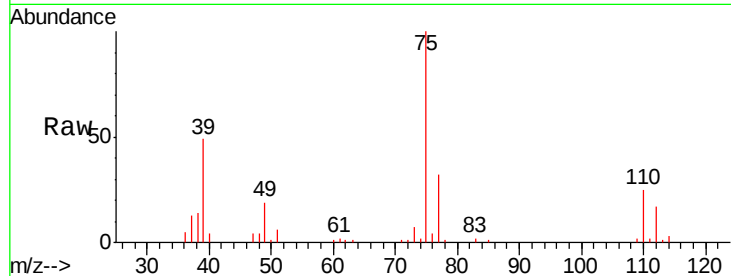
#53
 t-1,3-Dichloropropene
 Concen: 60.043 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: VW007654.D
 Acq: 18 Dec 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

Tgt Ion: 75 Resp: 26835
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.2 39.4

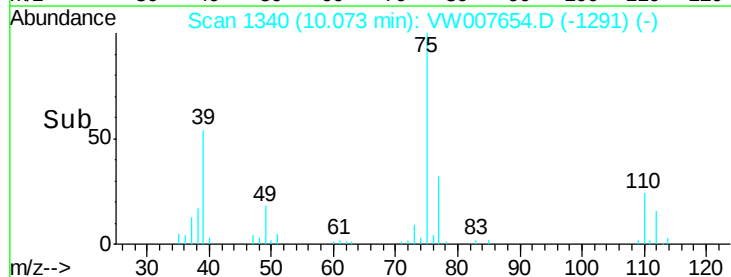
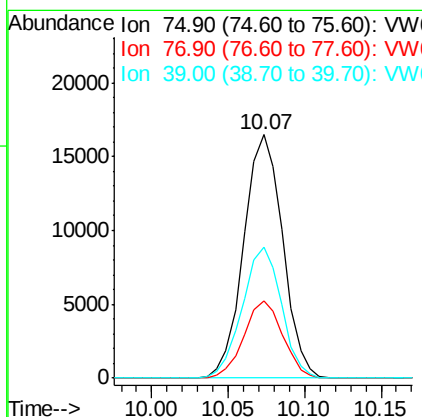
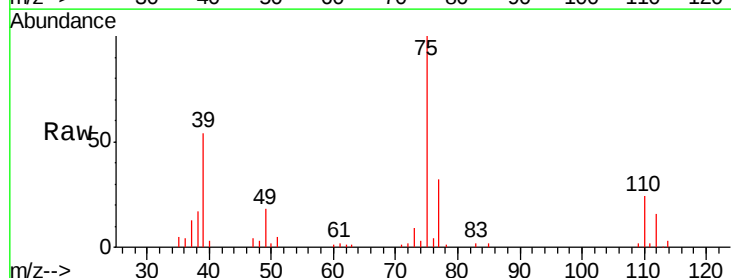
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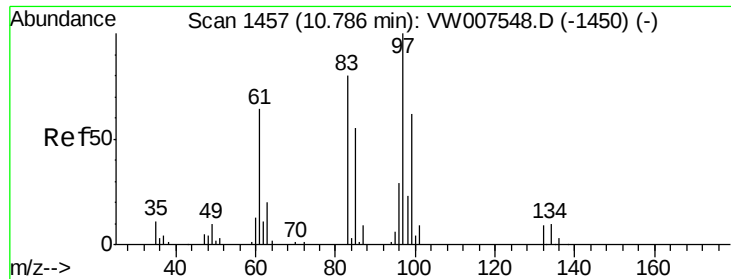
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#54
 cis-1,3-Dichloropropene
 Concen: 56.712 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007654.D
 Acq: 18 Dec 2018 13:25

Tgt Ion: 75 Resp: 29301
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.8 37.2
 39 53.8 40.9 61.3





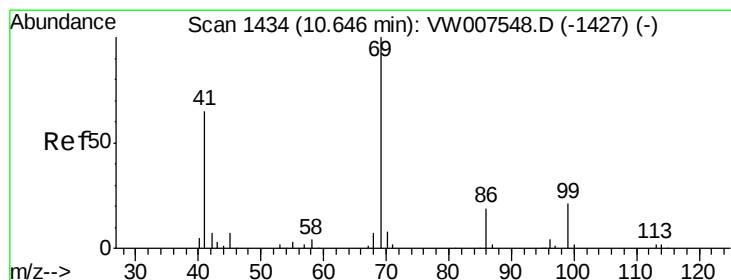
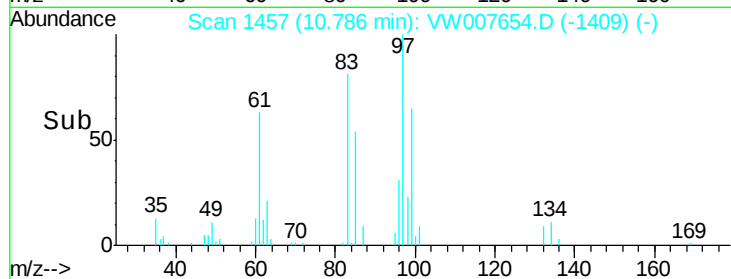
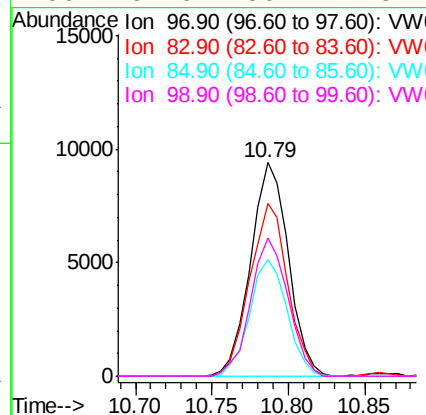
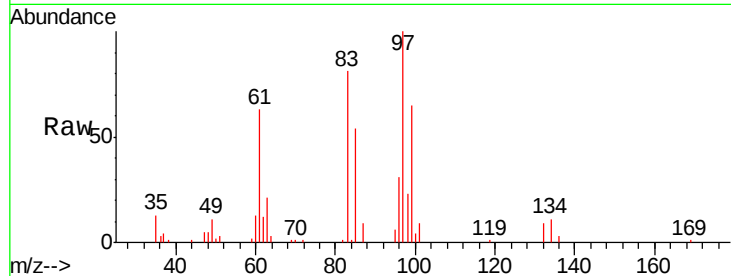
#55
 1,1,2-Trichloroethane
 Concen: 67.808 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007654.D
 Acq: 18 Dec 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

Tgt Ion:	97	Resp:	16197
Ion	Ratio	Lower	Upper
97	100		
83	81.2	62.1	93.1
85	54.4	44.2	66.4
99	64.6	50.2	75.4

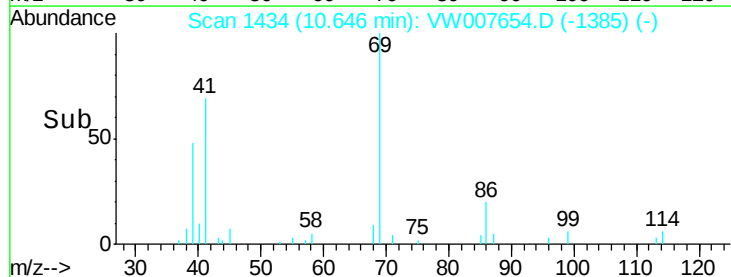
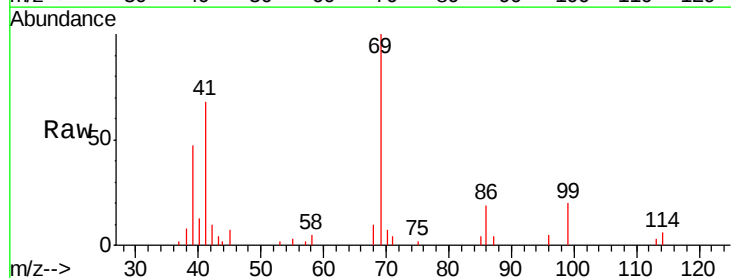
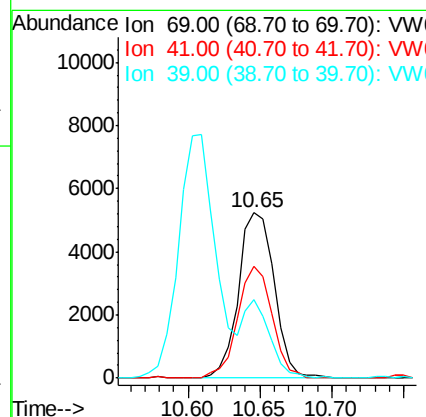
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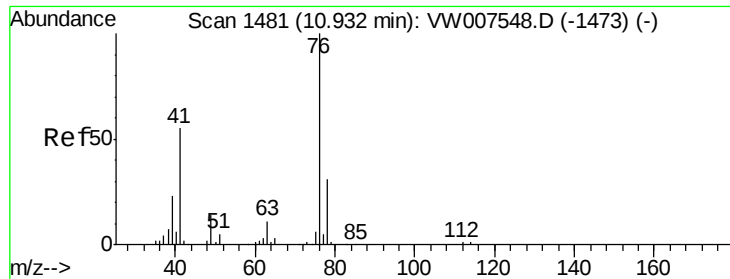
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#56
 Ethyl methacrylate
 Concen: 31.511 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007654.D
 Acq: 18 Dec 2018 13:25

Tgt Ion:	69	Resp:	9047
Ion	Ratio	Lower	Upper
69	100		
41	65.1	51.0	76.6
39	34.9	30.8	46.2





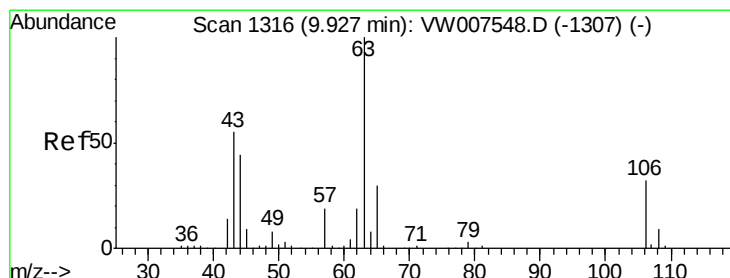
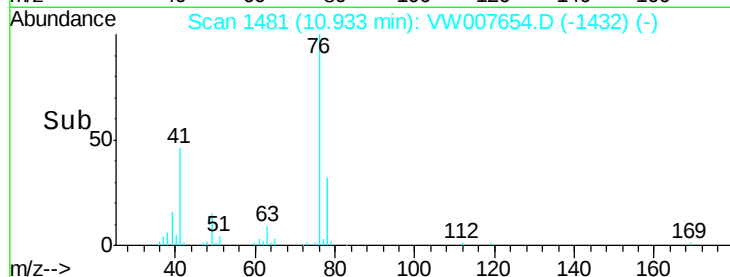
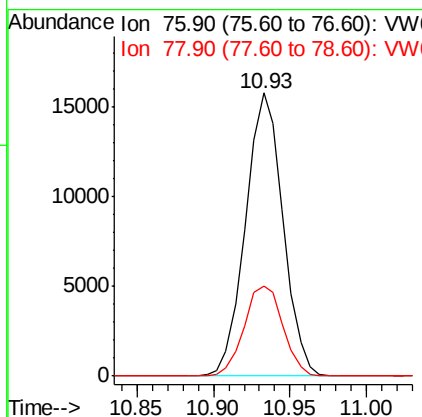
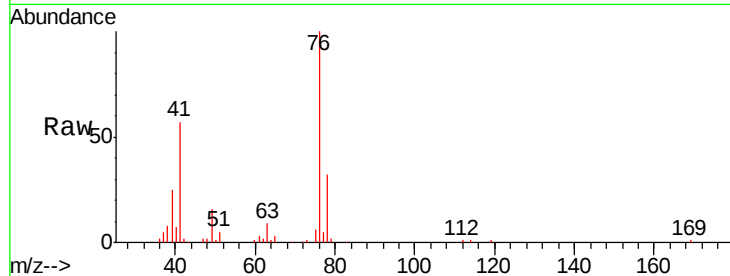
#57
 1,3-Dichloropropane
 Concen: 68.499 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007654.D
 Acq: 18 Dec 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.2	39.4

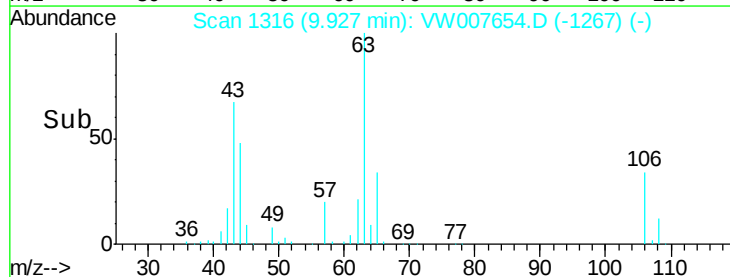
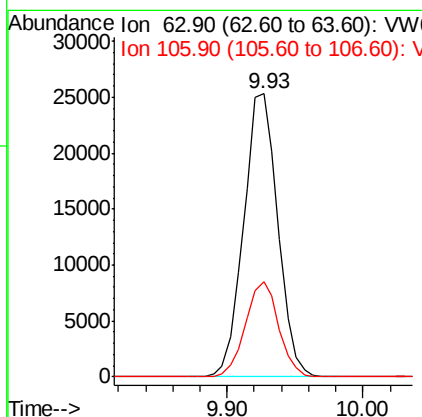
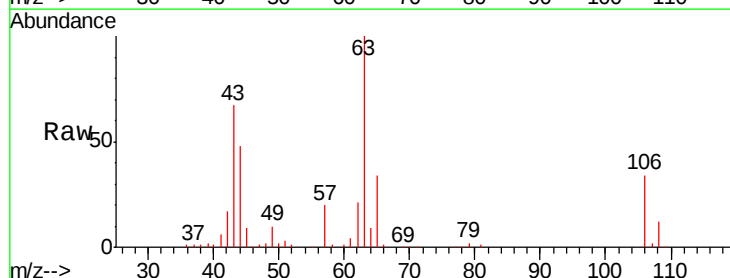
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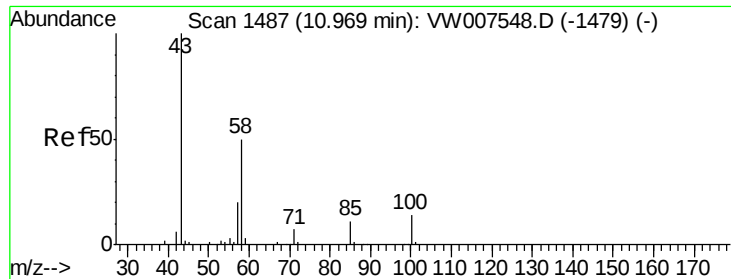
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#58
 2-Chloroethyl Vinyl ether
 Concen: 335.491 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007654.D
 Acq: 18 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.7	25.0	37.6





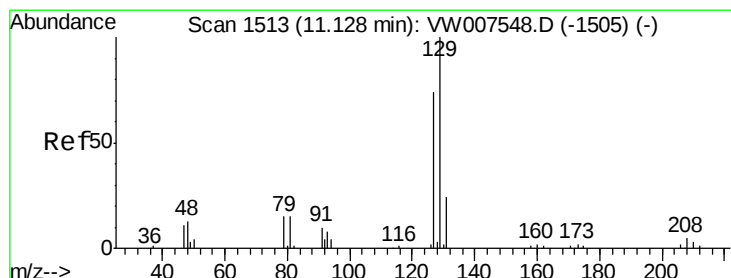
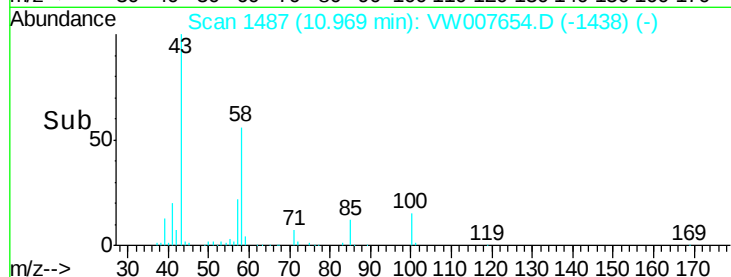
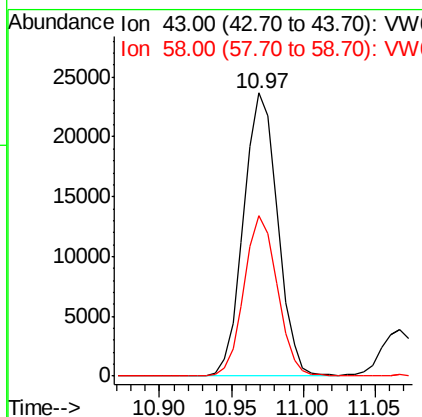
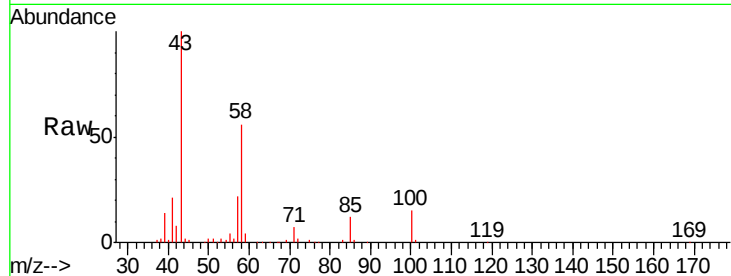
#59
2-Hexanone
Concen: 348.852 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion: 43 Resp: 38860
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.3

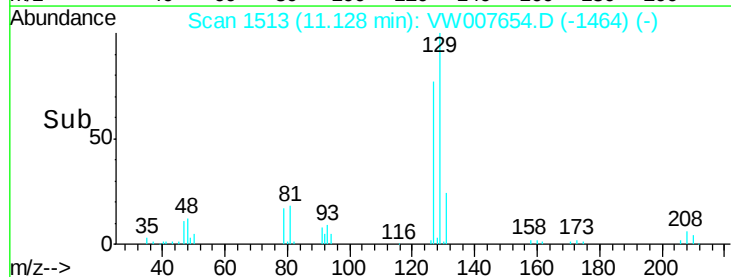
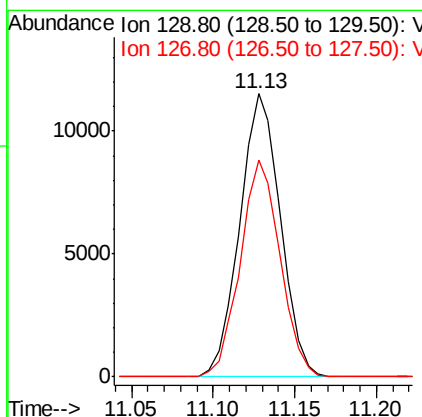
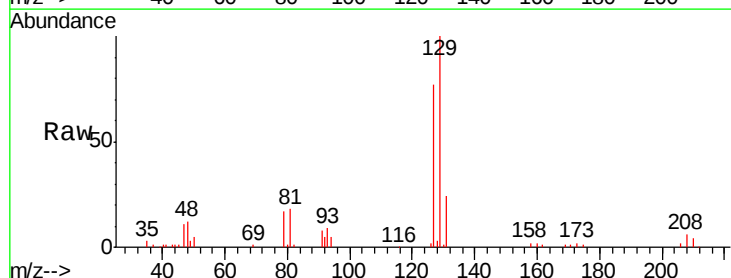
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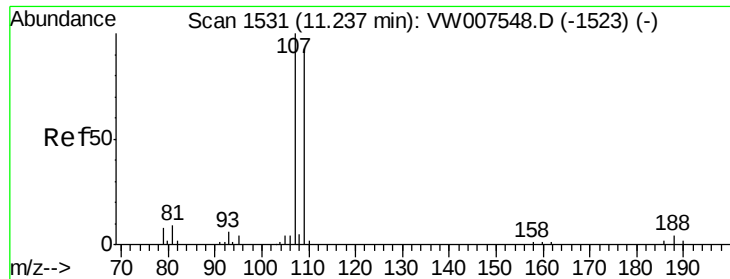
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#60
Dibromochloromethane
Concen: 66.286 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion: 129 Resp: 19982
Ion Ratio Lower Upper
129 100
127 74.9 38.1 114.3





#61

1,2-Dibromoethane

Concen: 67.217 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion: 107 Resp: 15867

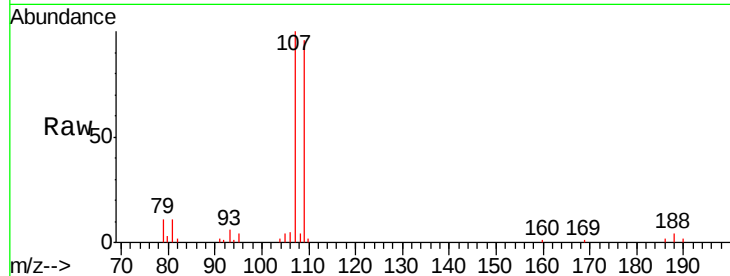
Ion Ratio Lower Upper

107 100

109 93.3 79.1 118.7

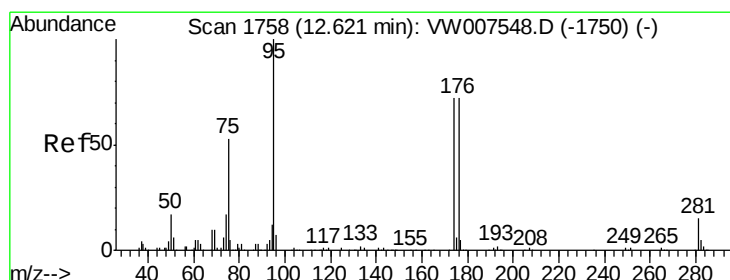
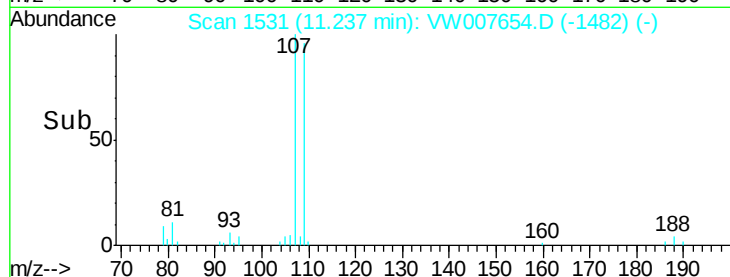
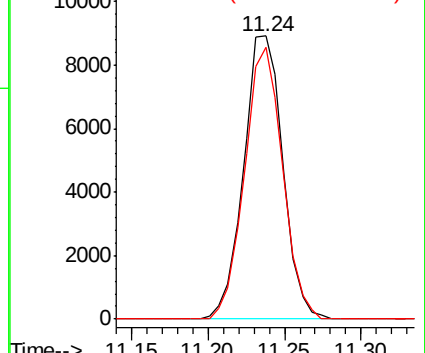
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.133 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

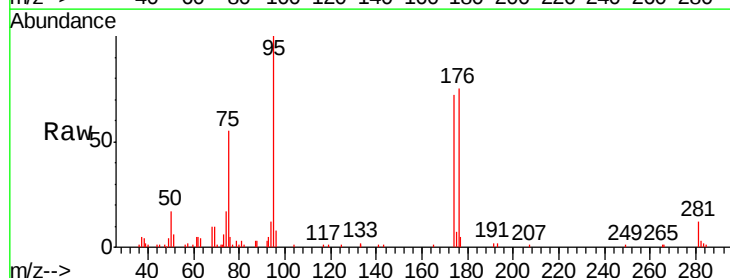
Tgt Ion: 95 Resp: 17668

Ion Ratio Lower Upper

95 100

174 75.5 0.0 147.2

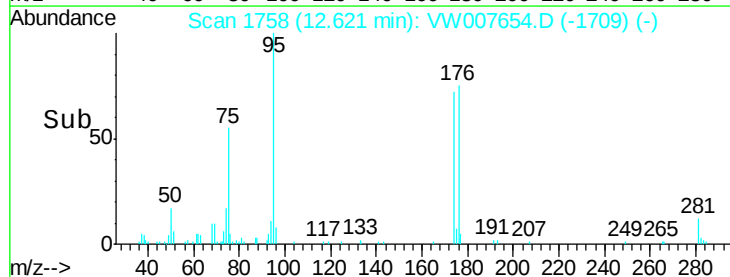
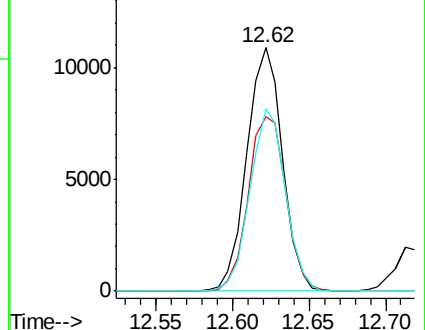
176 74.0 0.0 138.8

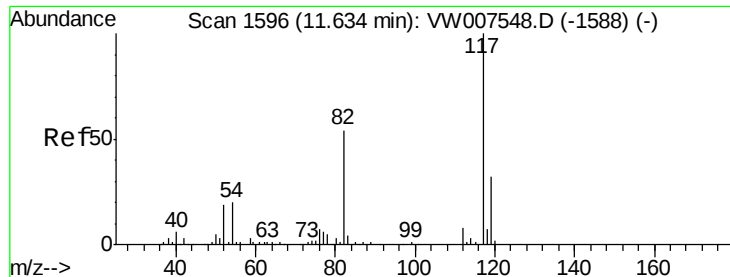


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





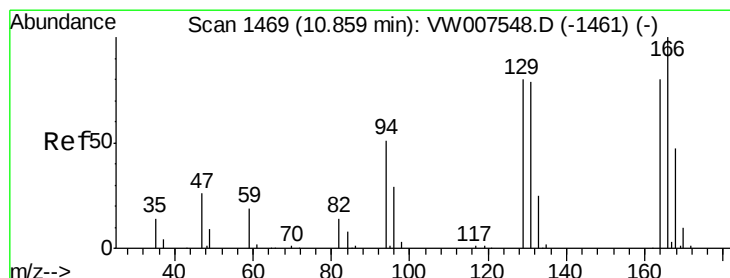
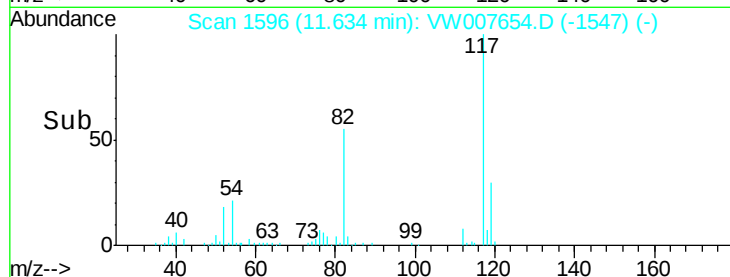
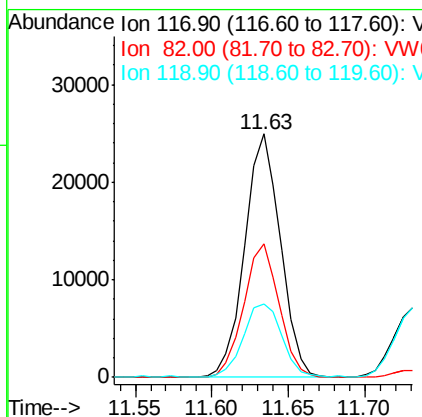
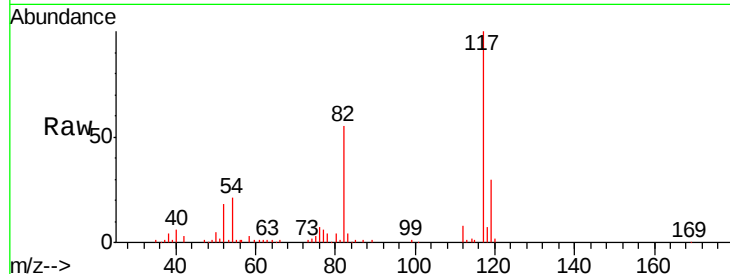
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.3	63.5
119	29.9	23.0	34.6

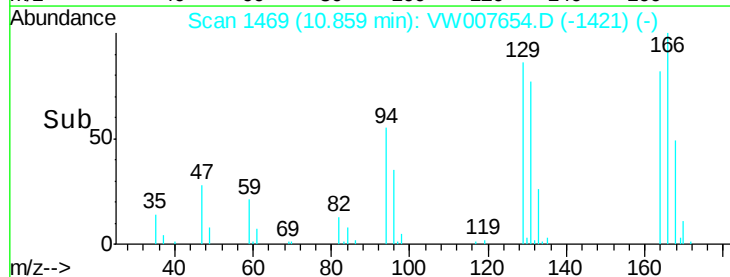
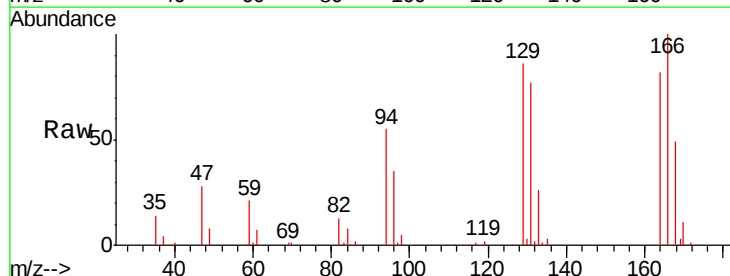
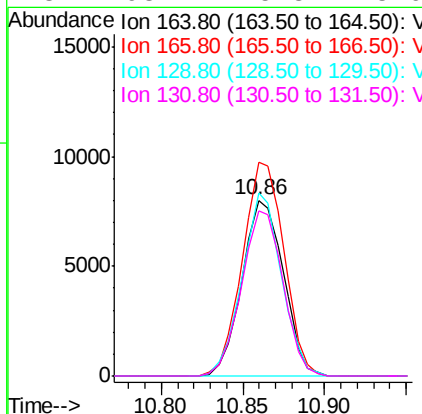
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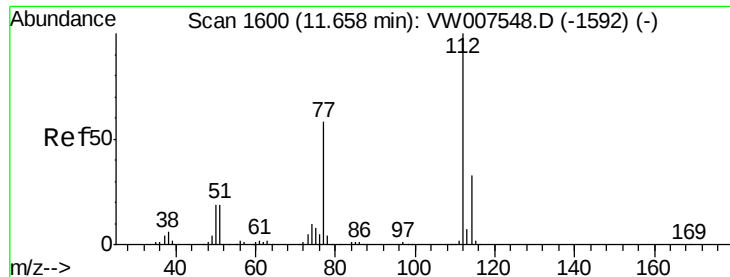
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#64
Tetrachloroethene
Concen: 48.560 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.6	107.9	161.9
129	104.5	73.4	110.2
131	93.7	75.8	113.6





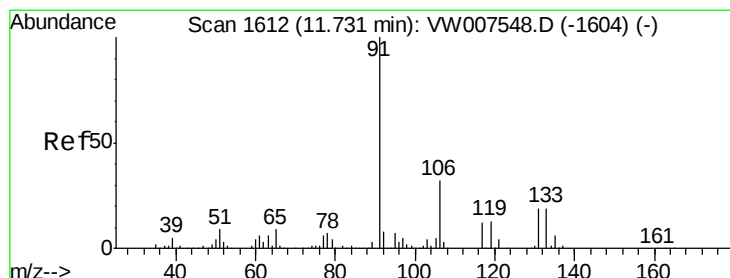
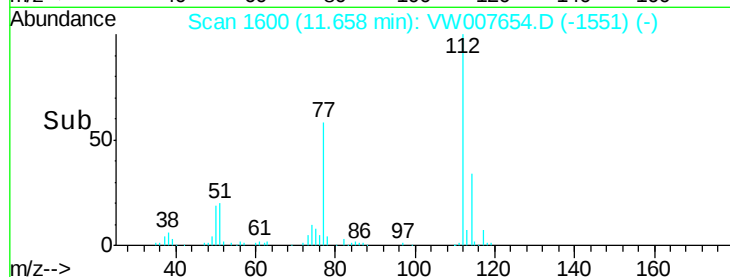
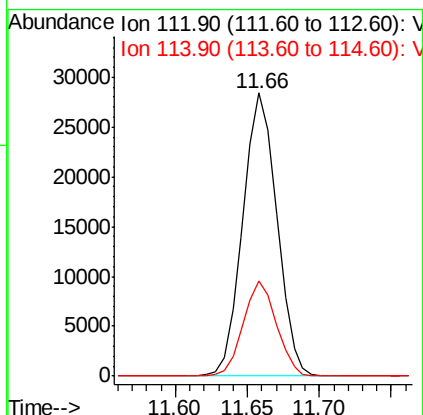
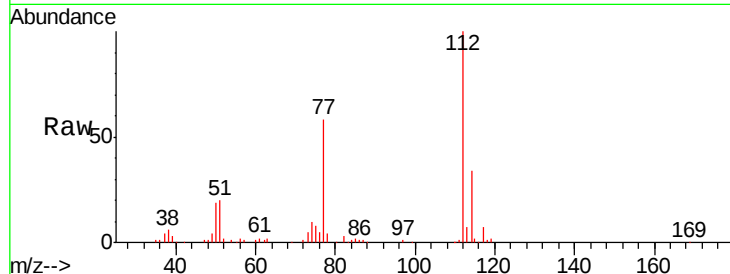
#65
Chlorobenzene
Concen: 55.266 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion:112 Resp: 46709
Ion Ratio Lower Upper
112 100
114 33.6 27.8 41.8

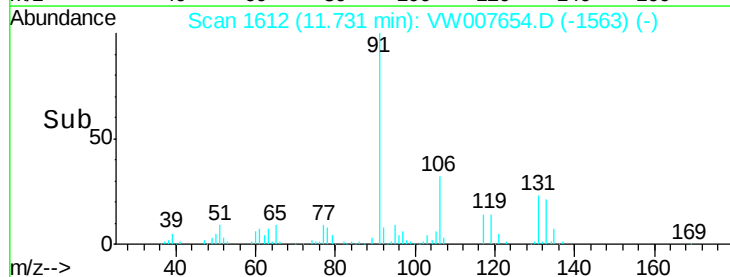
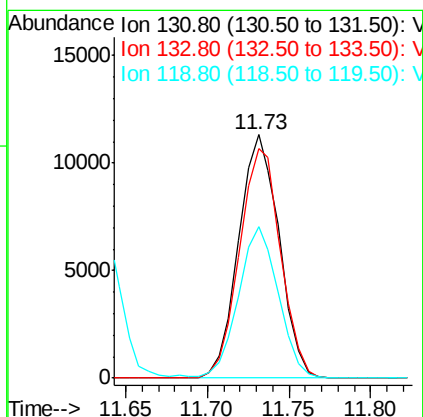
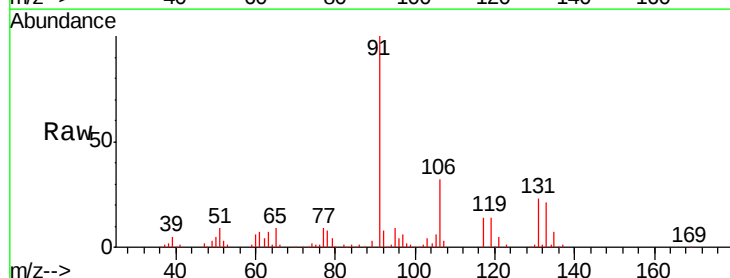
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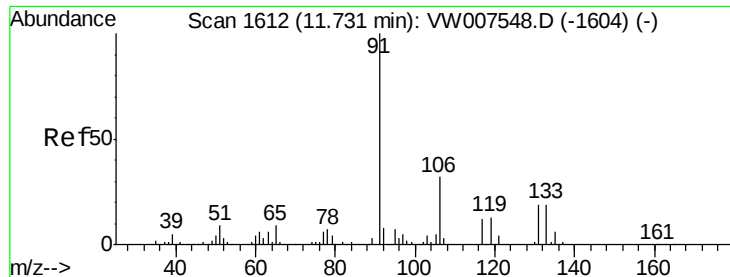
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#66
1,1,1,2-Tetrachloroethane
Concen: 65.415 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion:131 Resp: 19472
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 61.5 31.3 93.9





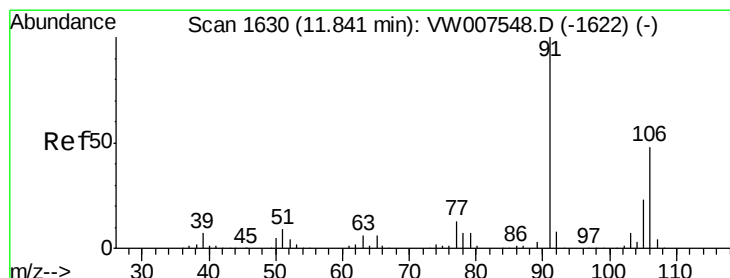
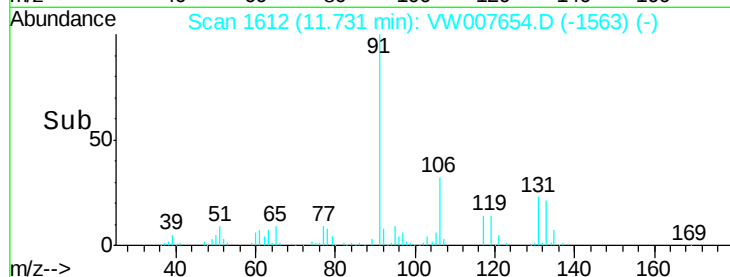
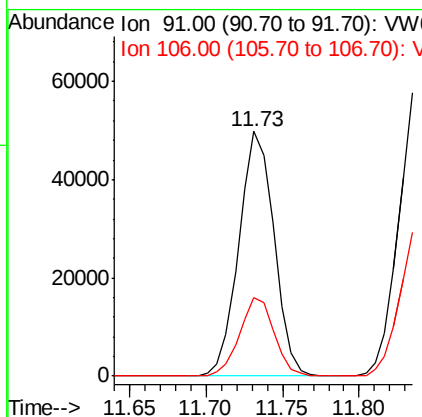
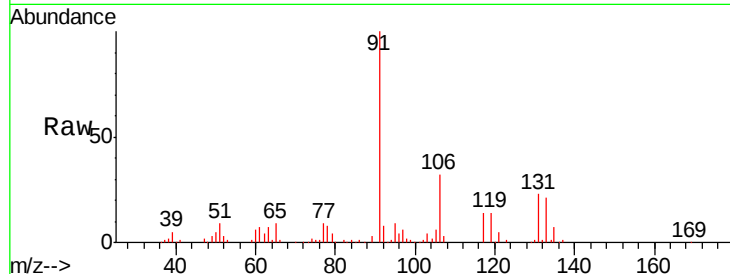
#67
Ethyl Benzene
Concen: 54.774 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion: 91 Resp: 79591
Ion Ratio Lower Upper
91 100
106 31.9 21.8 32.8

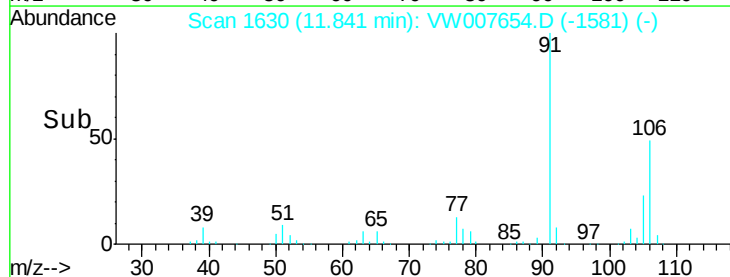
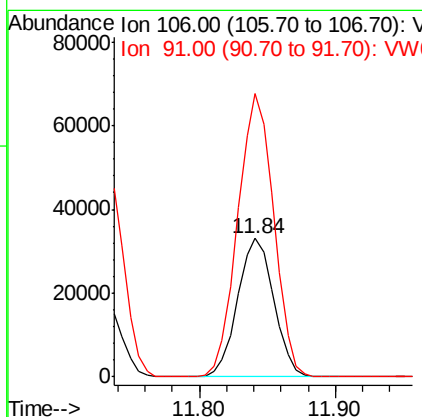
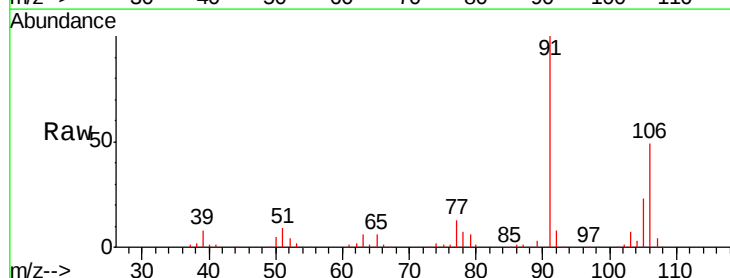
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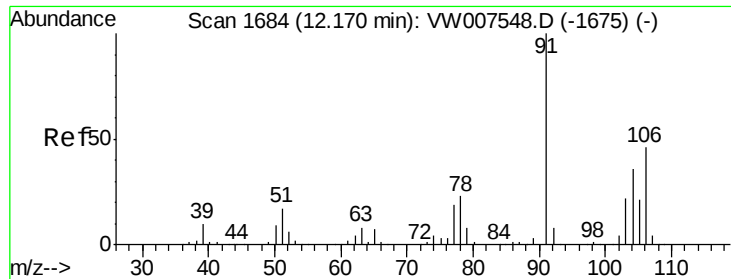
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#68
m/p-Xylenes
Concen: 108.765 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion: 106 Resp: 61441
Ion Ratio Lower Upper
106 100
91 203.8 165.3 247.9





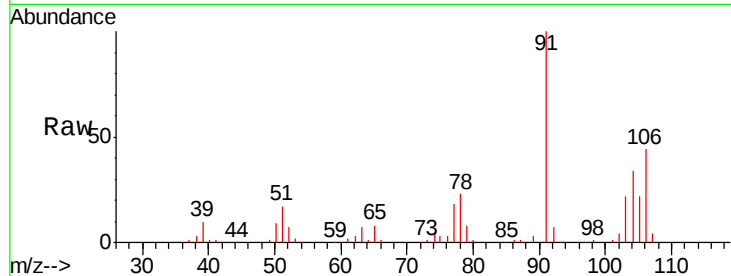
#69
o-Xylene
Concen: 55.516 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

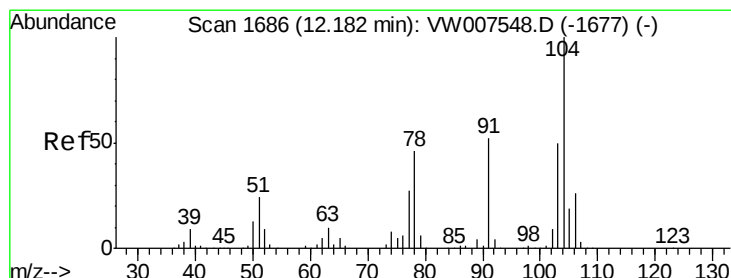
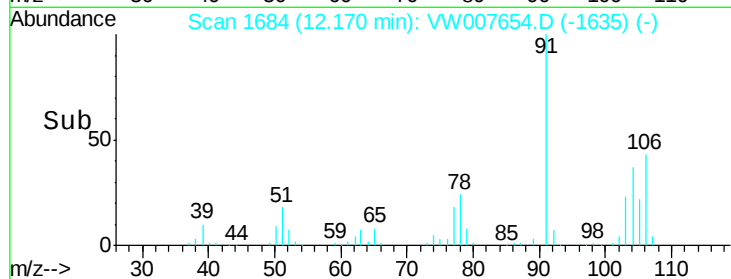
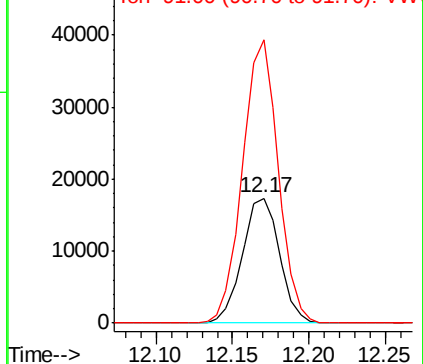
Tgt Ion:106 Resp: 29289
Ion Ratio Lower Upper
106 100
91 217.5 106.6 319.8

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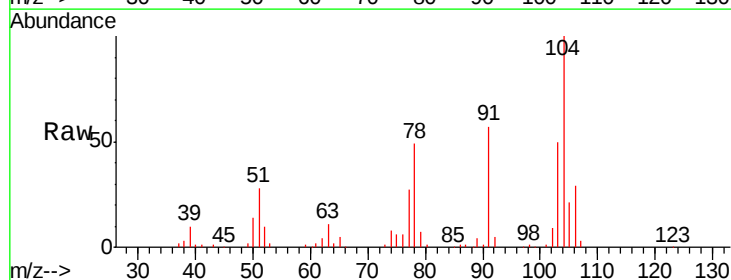


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

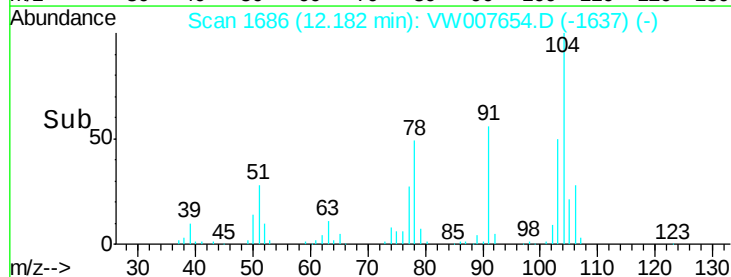
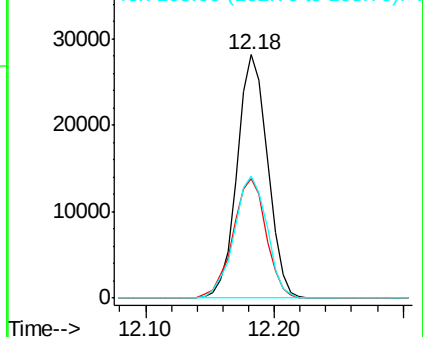


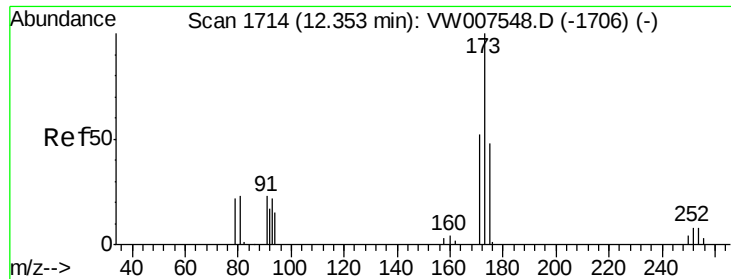
#70
Styrene
Concen: 54.186 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion:104 Resp: 46174
Ion Ratio Lower Upper
104 100
78 53.5 41.8 62.8
103 54.4 46.6 69.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV
Ion 103.00 (102.70 to 103.70): V





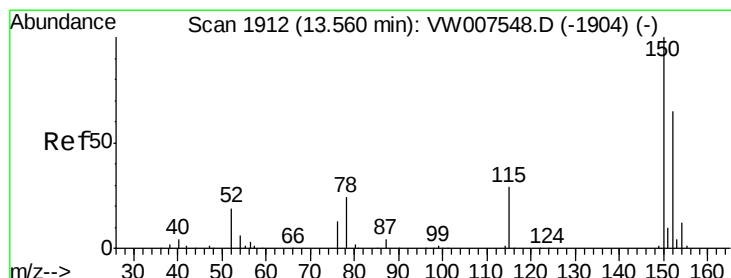
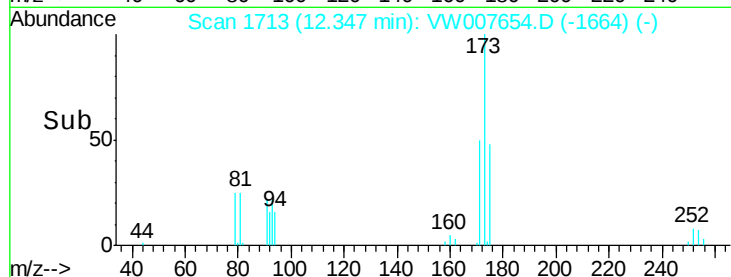
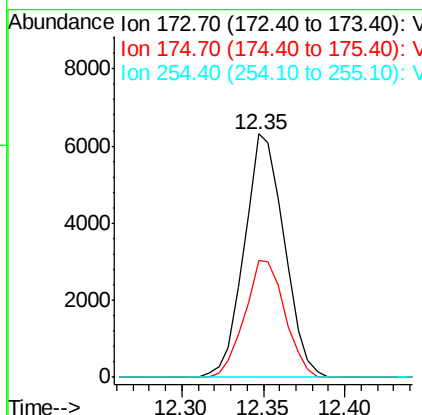
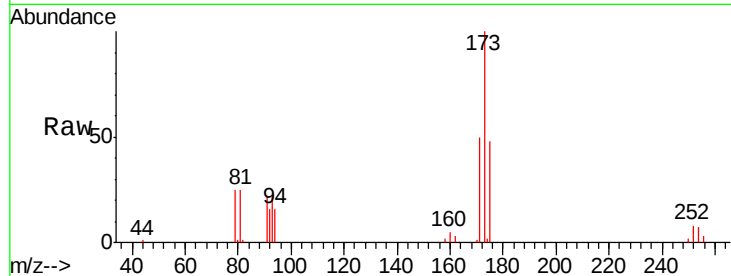
#71
Bromoform
Concen: 70.695 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	23.6	70.8
254	0.0	0.0	0.0

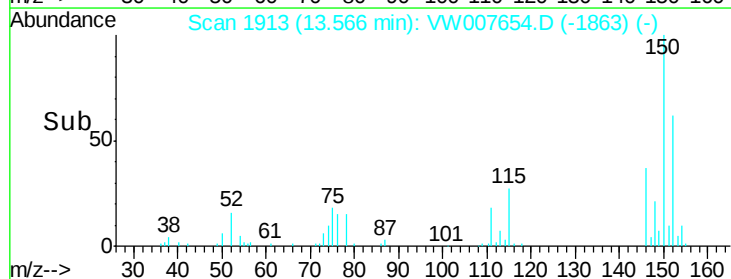
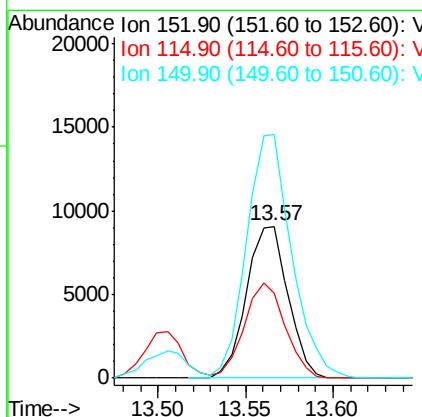
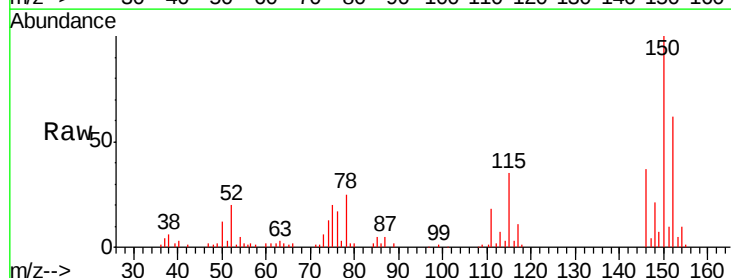
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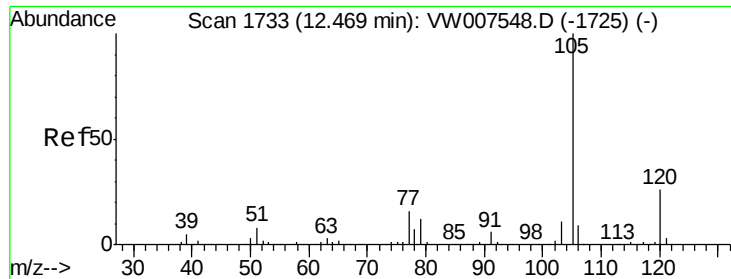
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.4	94.2
150	174.7	0.0	358.4





#73

Isopropylbenzene

Concen: 61.559 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion: 105 Resp: 70635

Ion Ratio Lower Upper

105 100

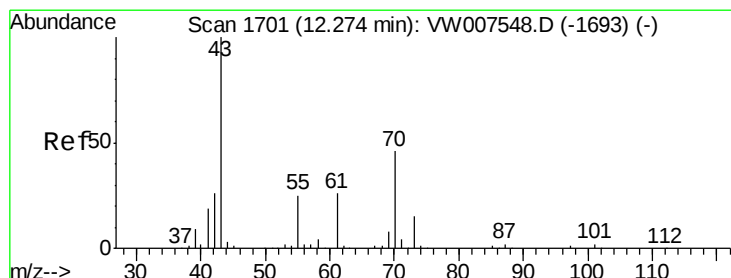
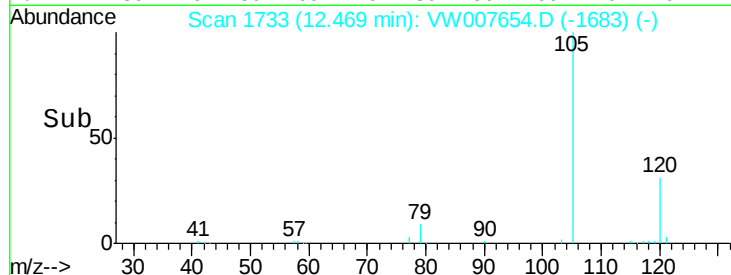
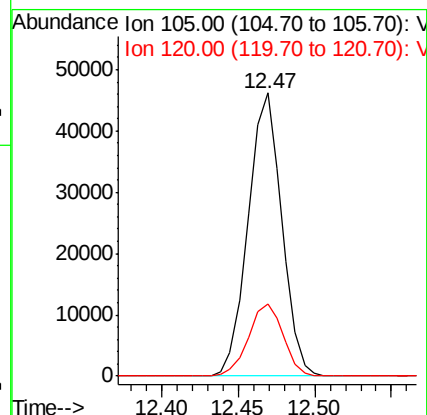
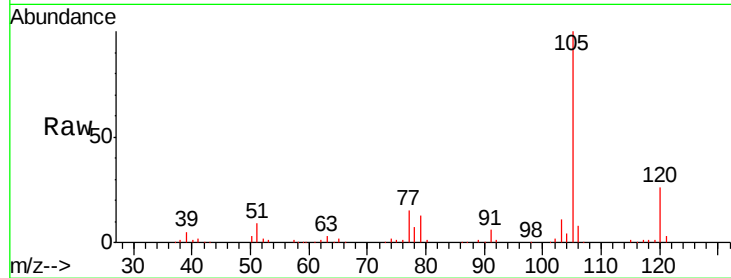
120 26.3 12.8 38.4

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#74

N-ethyl acetate

Concen: 25.780 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Tgt Ion: 43 Resp: 5376

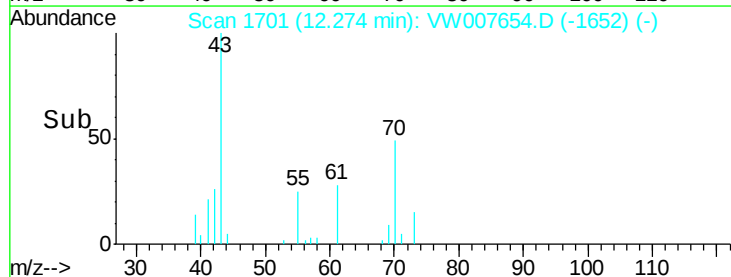
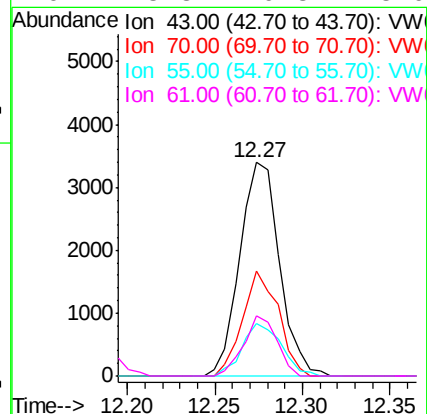
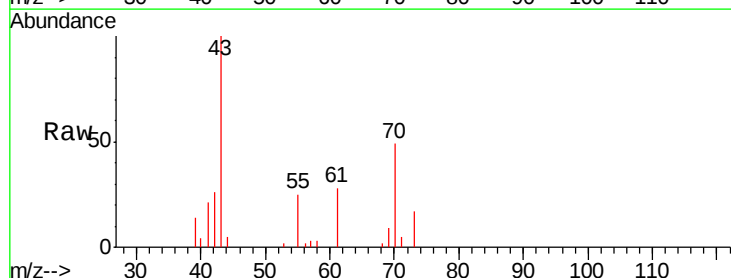
Ion Ratio Lower Upper

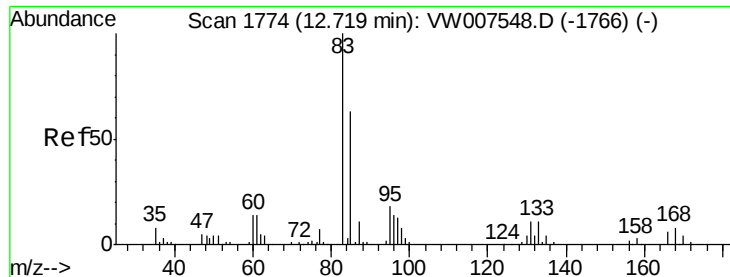
43 100

70 44.5 36.5 54.7

55 24.2 20.1 30.1

61 23.3 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 94.269 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

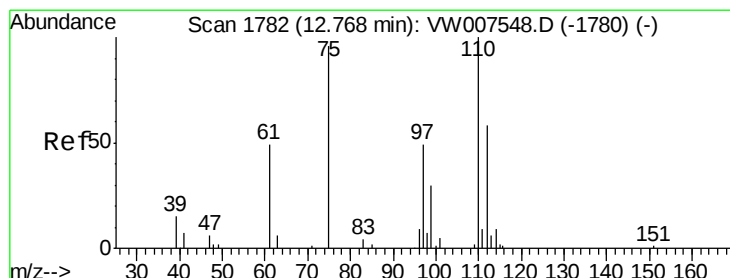
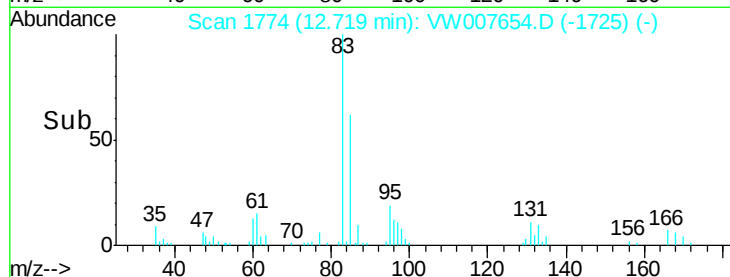
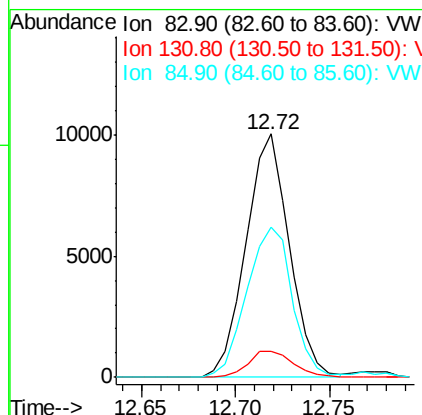
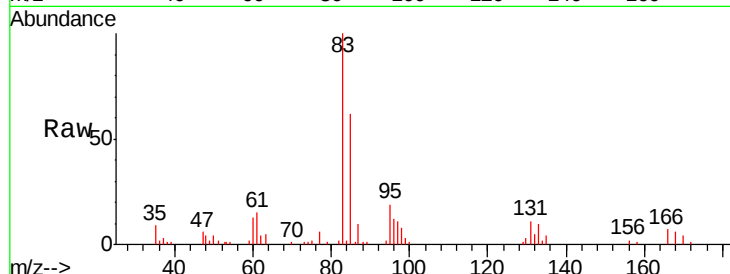
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:	83	Resp:	16021
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.9	17.8
85	64.9	30.0	90.0

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#76

1,2,3-Trichloropropane

Concen: 123.889 ug/l m

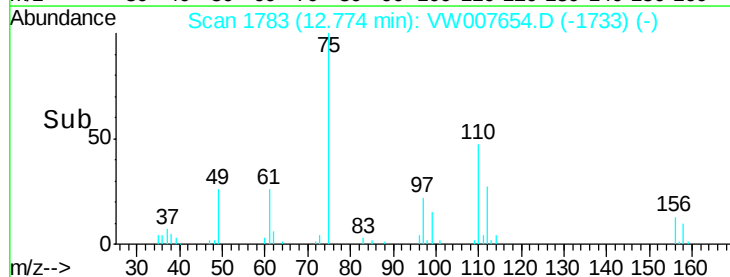
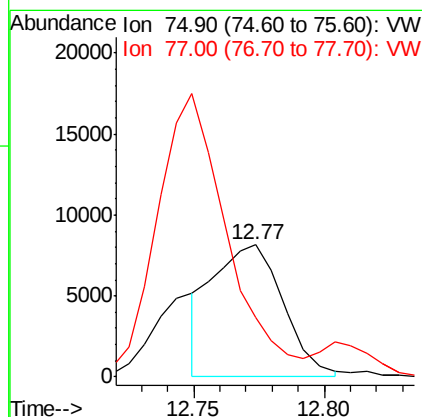
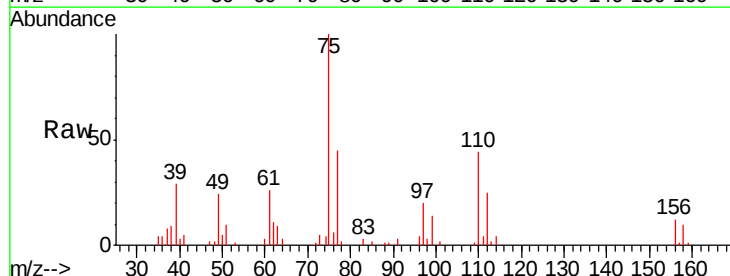
RT: 12.77 min Scan# 1783

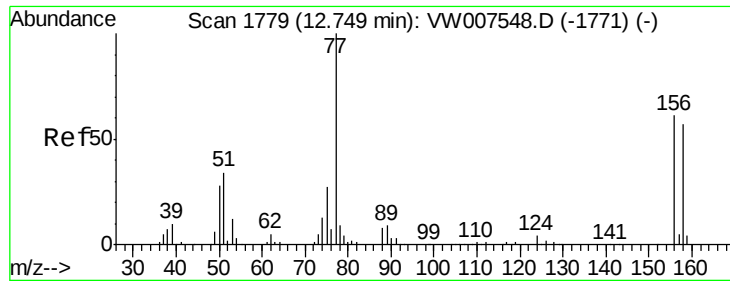
Delta R.T. 0.01 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Tgt Ion:	75	Resp:	15297
Ion Ratio	Lower	Upper	
75	100		
77	0.0	166.9	500.8#





#77

Bromobenzene

Concen: 68.883 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

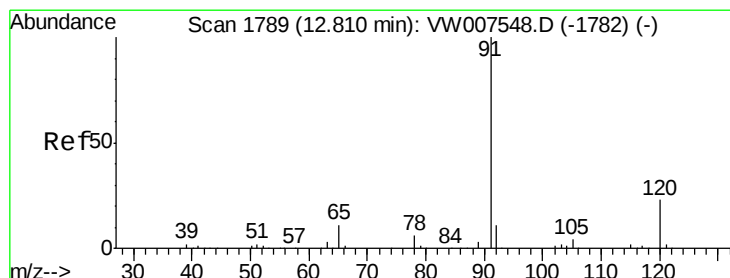
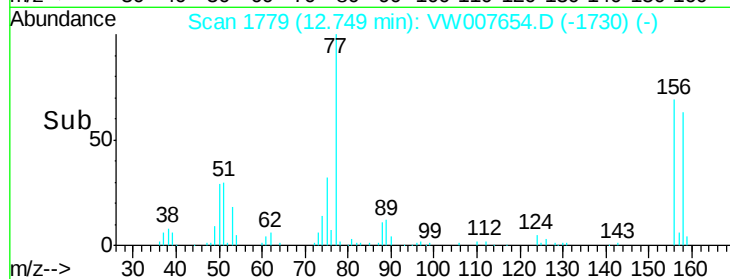
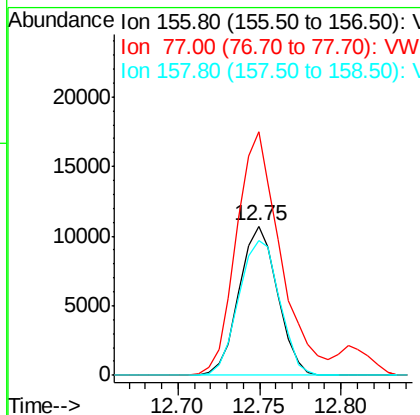
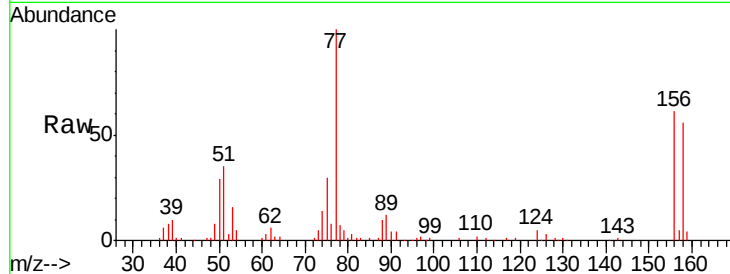
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:	156	Resp:	17520
Ion Ratio	Lower	Upper	
156	100		
77	188.0	88.1	264.4
158	96.3	45.6	136.7

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#78

n-propylbenzene

Concen: 58.205 ug/l

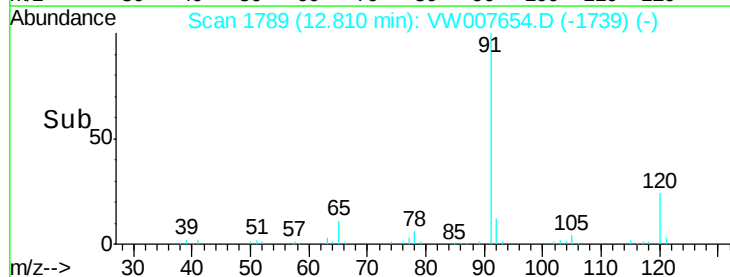
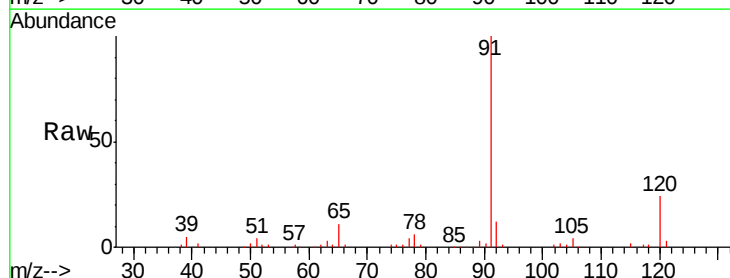
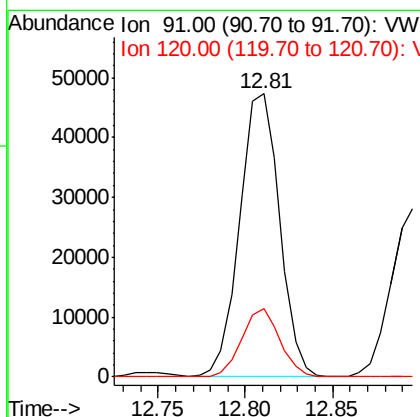
RT: 12.81 min Scan# 1789

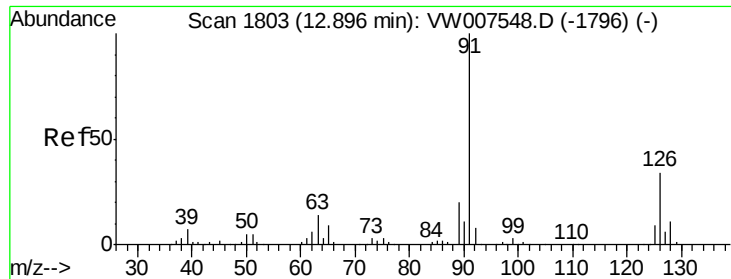
Delta R.T. 0.01 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Tgt Ion:	91	Resp:	75162
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.9	35.5





#79

2-Chlorotoluene

Concen: 57.809 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion: 91 Resp: 45170

Ion Ratio Lower Upper

91 100

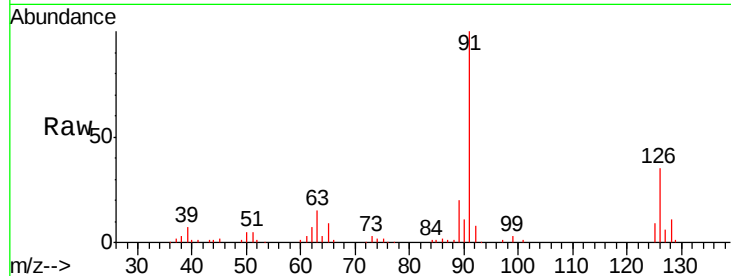
126 34.1 15.9 47.6

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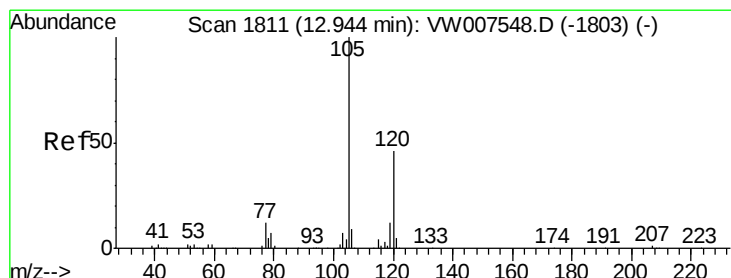
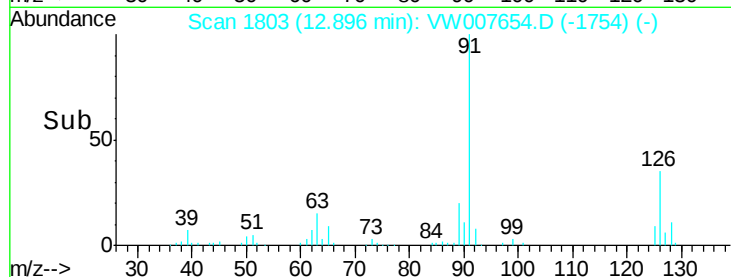
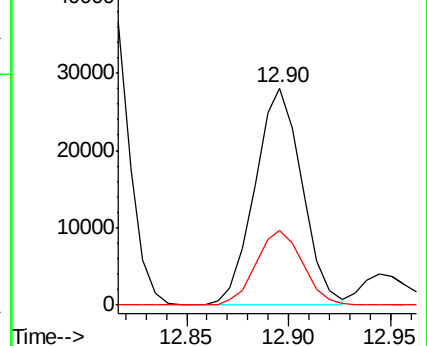
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 58.440 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW007654.D

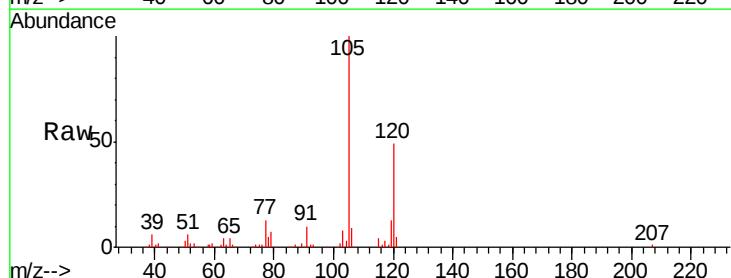
Acq: 18 Dec 2018 13:25

Tgt Ion: 105 Resp: 56344

Ion Ratio Lower Upper

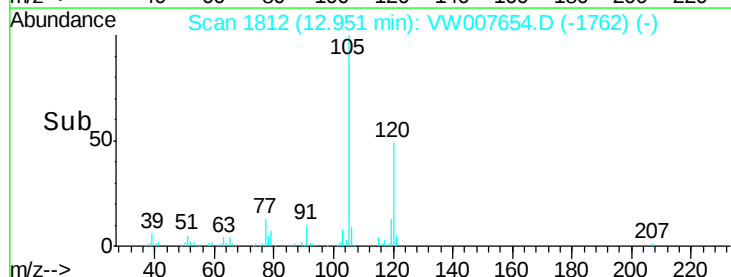
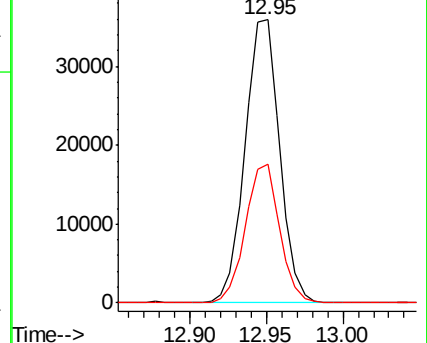
105 100

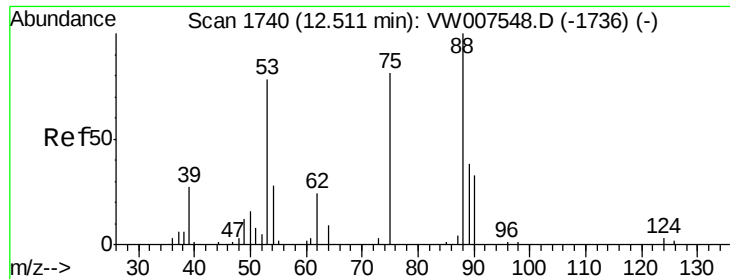
120 48.3 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





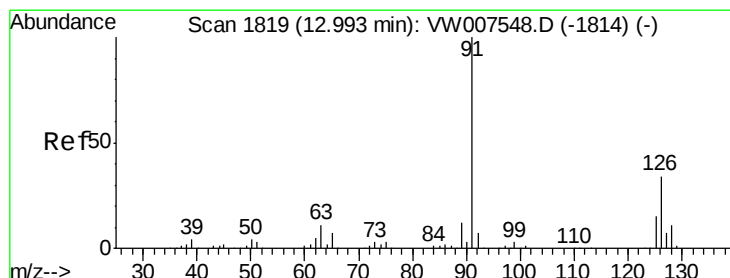
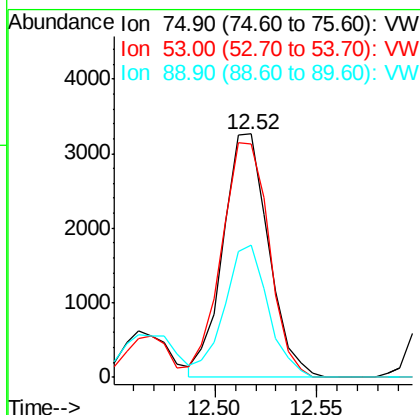
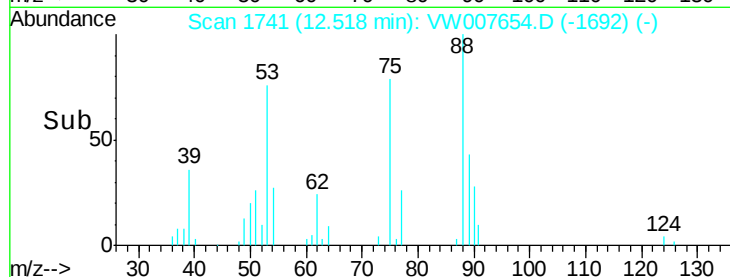
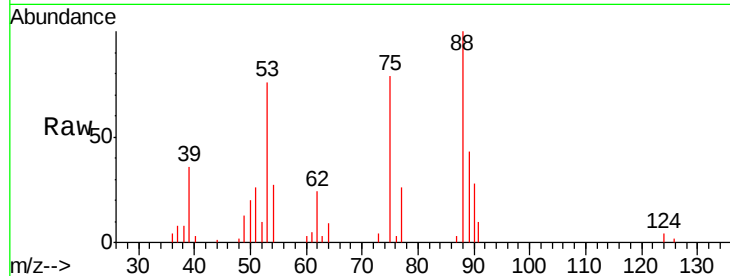
#81
trans-1,4-Dichloro-2-butene
Concen: 90.312 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.2	84.9	127.3
89	52.2	40.3	60.5

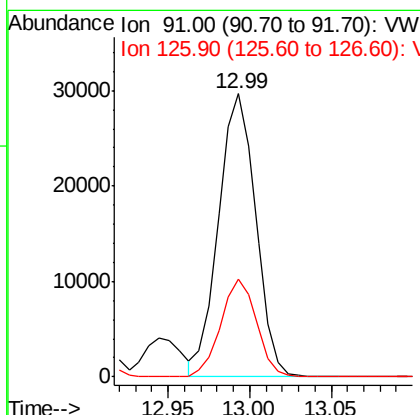
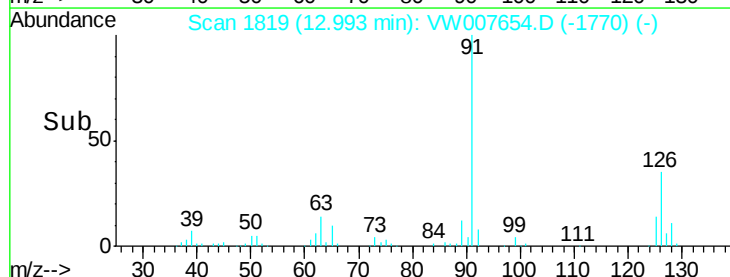
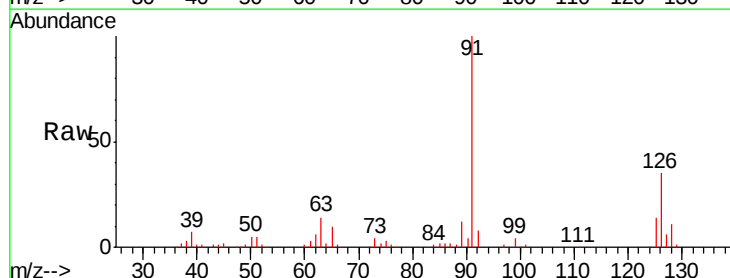
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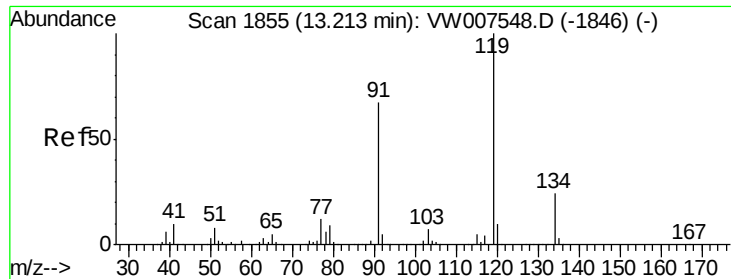
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#82
4-Chlorotoluene
Concen: 57.348 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.0	48.0





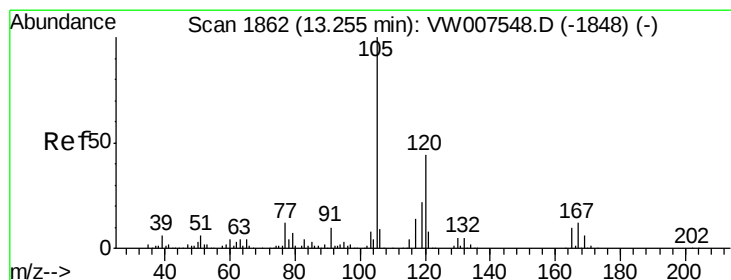
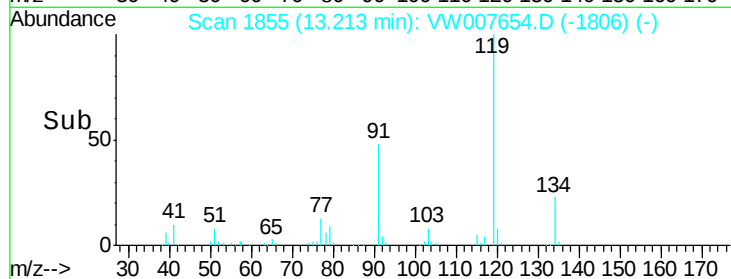
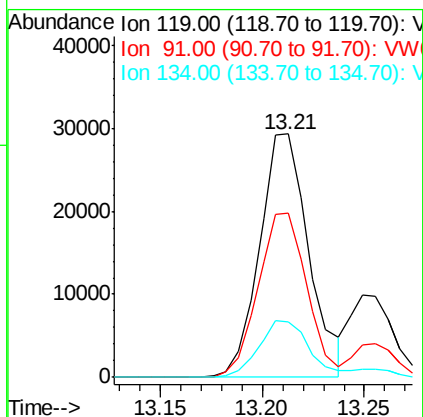
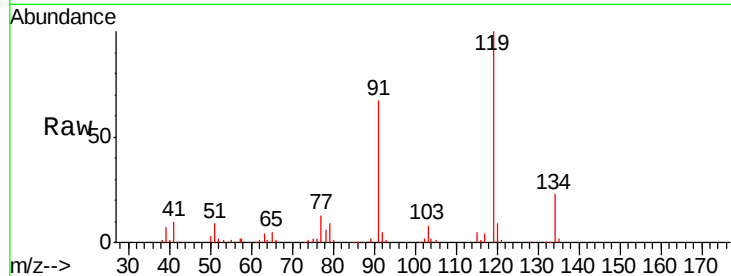
#83
tert-Butylbenzene
Concen: 58.152 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.5	33.1	99.2
134	24.1	12.5	37.5

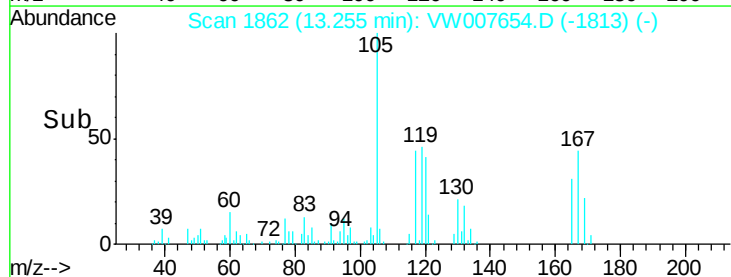
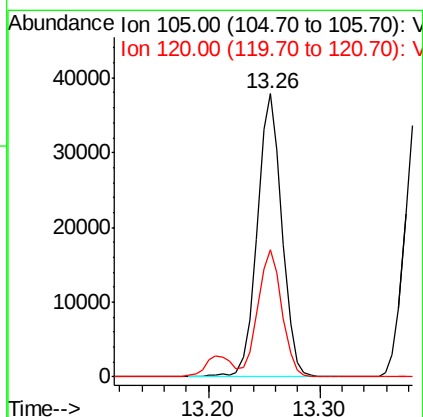
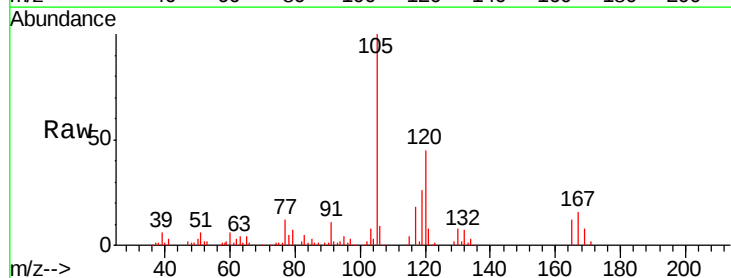
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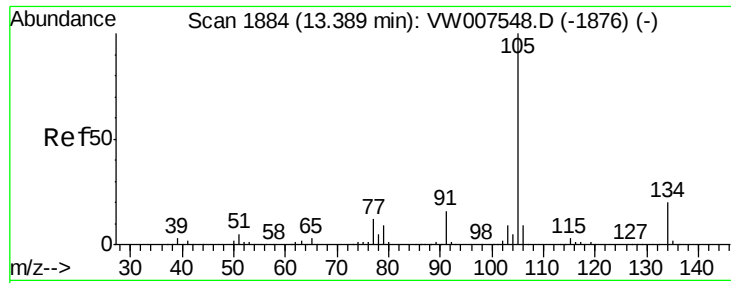
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#84
1,2,4-Trimethylbenzene
Concen: 58.876 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.6	67.7





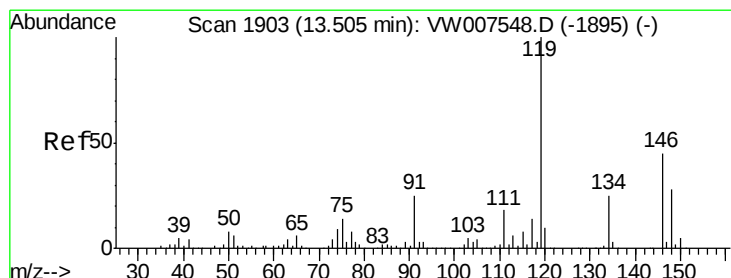
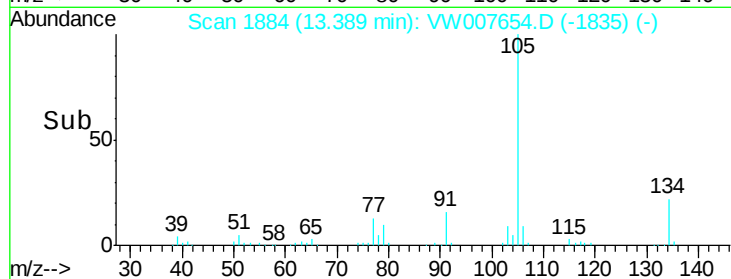
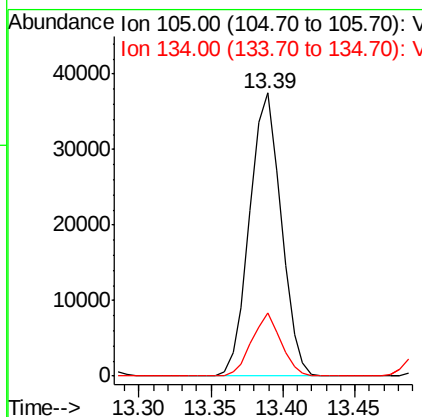
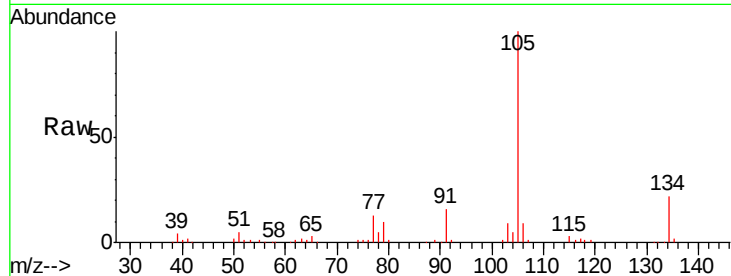
#85
 sec-Butylbenzene
 Concen: 48.945 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007654.D
 Acq: 18 Dec 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

Tgt Ion:105 Resp: 56763
 Ion Ratio Lower Upper
 105 100
 134 20.6 11.1 33.3

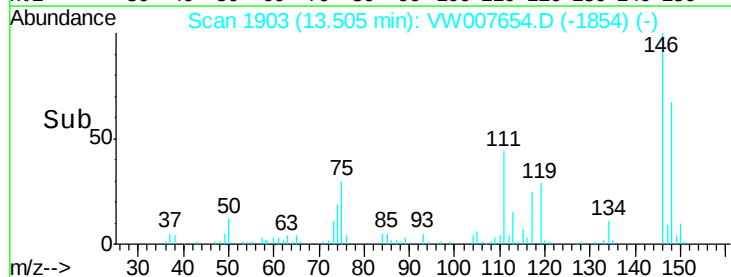
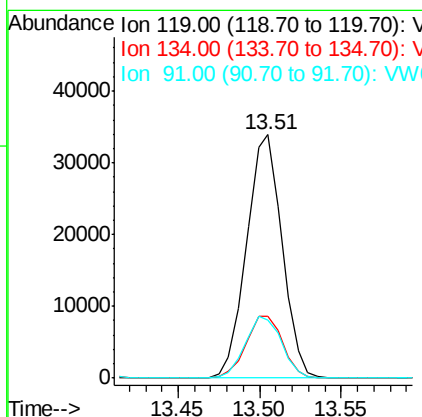
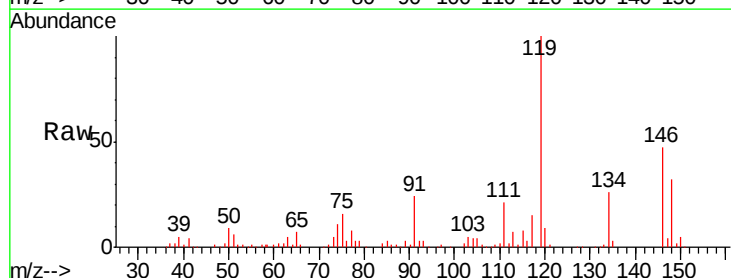
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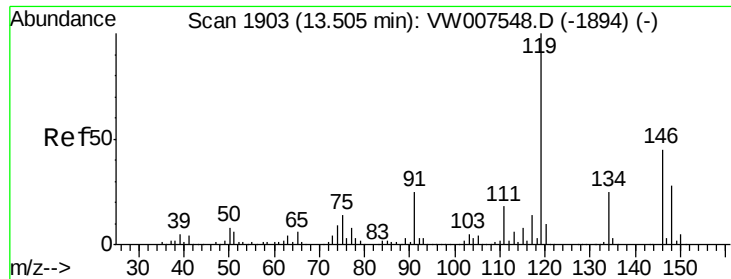
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#86
 p-Isopropyltoluene
 Concen: 49.332 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007654.D
 Acq: 18 Dec 2018 13:25

Tgt Ion:119 Resp: 51397
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.7
 91 25.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 53.582 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Instrument :

MSVOA_W

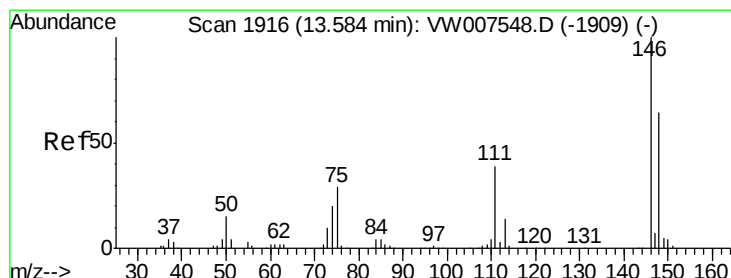
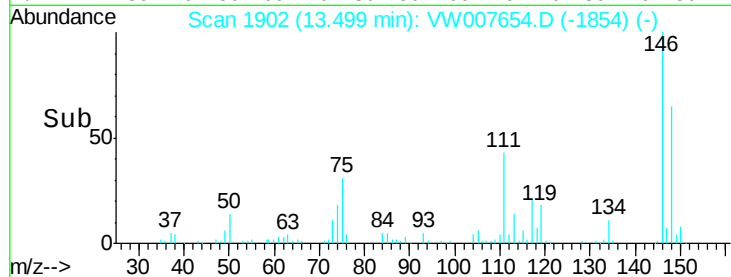
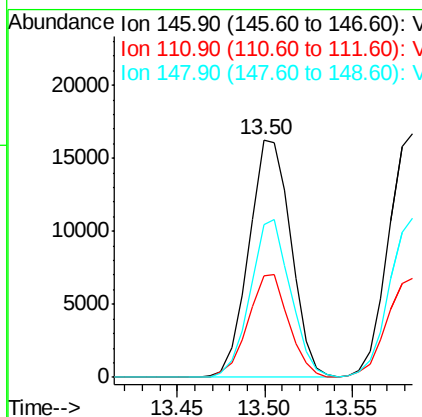
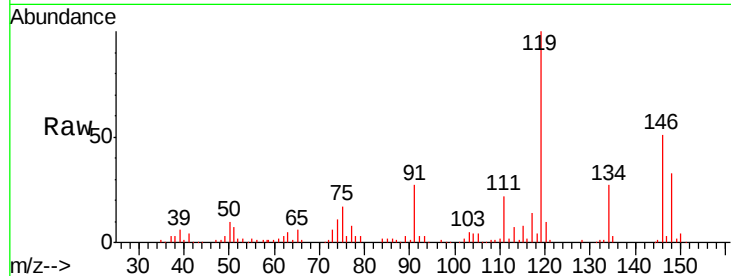
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:	146	Resp:	27172
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.1	60.3
148	63.5	31.4	94.0

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#88

1,4-Dichlorobenzene

Concen: 53.286 ug/l

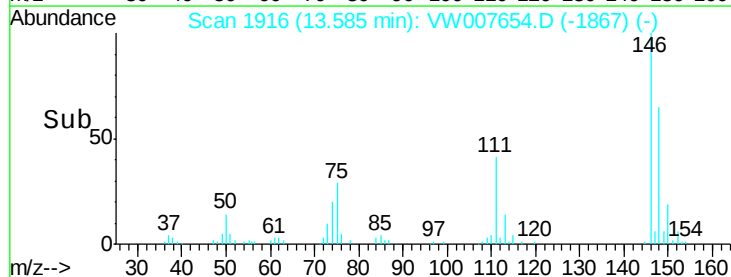
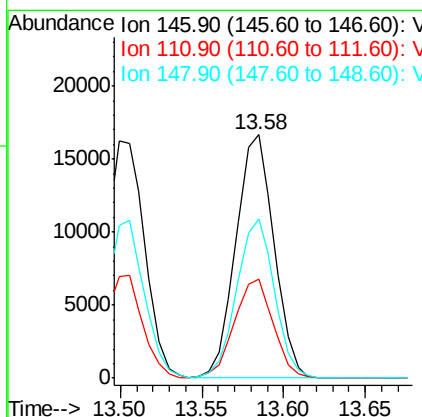
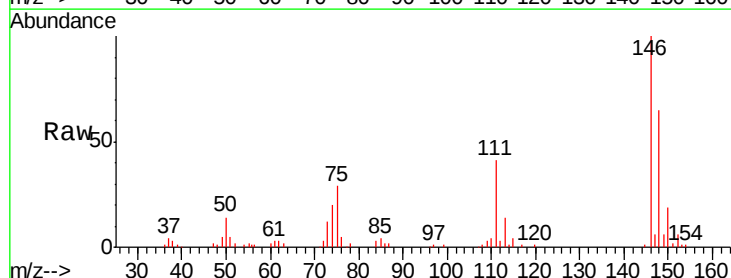
RT: 13.58 min Scan# 1916

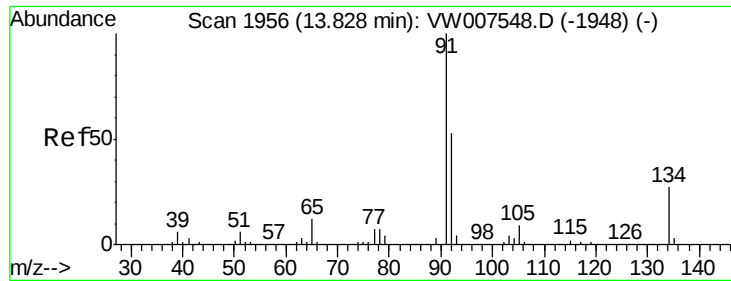
Delta R.T. -0.00 min

Lab File: VW007654.D

Acq: 18 Dec 2018 13:25

Tgt Ion:	146	Resp:	27166
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.3	61.0
148	64.7	33.5	100.5





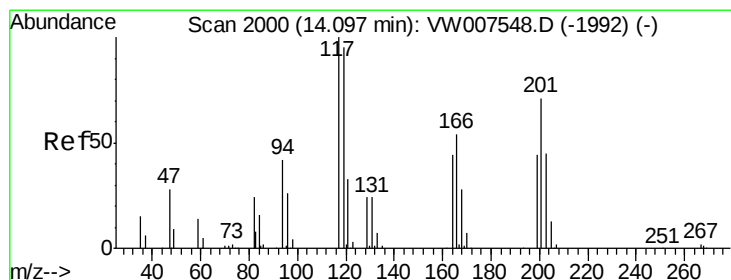
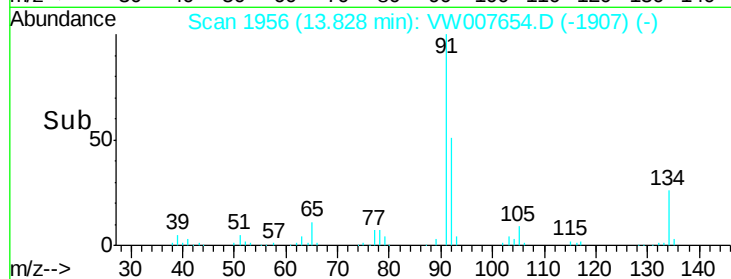
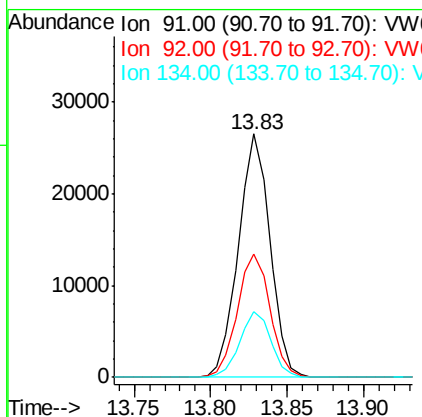
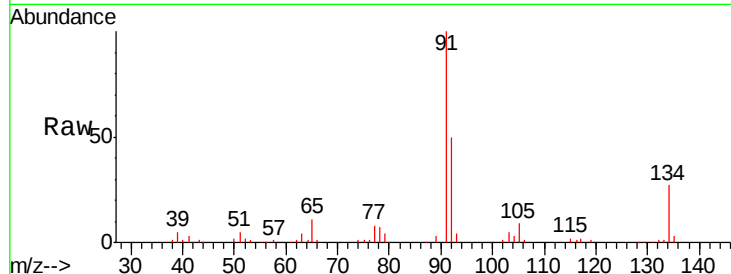
#89
n-Butylbenzene
Concen: 39.422 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion: 91 Resp: 38076
Ion Ratio Lower Upper
91 100
92 52.3 25.7 77.1
134 26.6 13.4 40.2

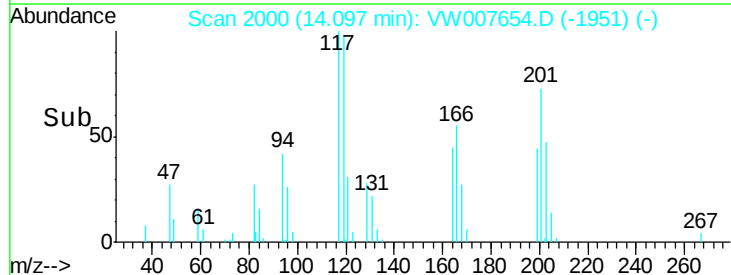
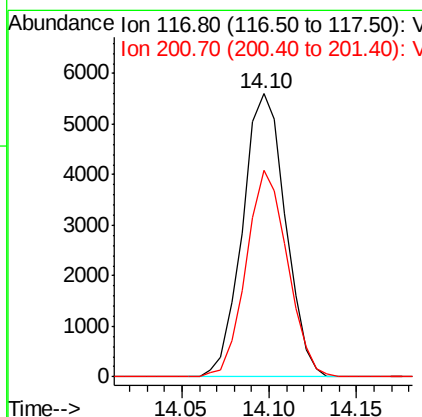
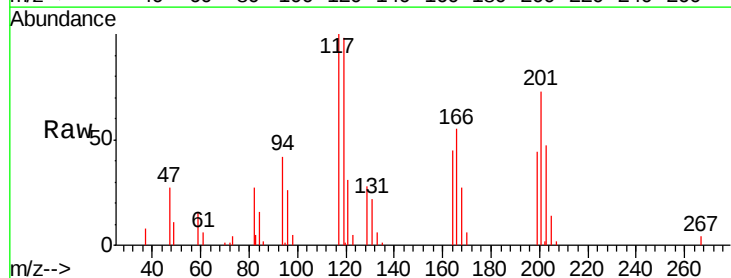
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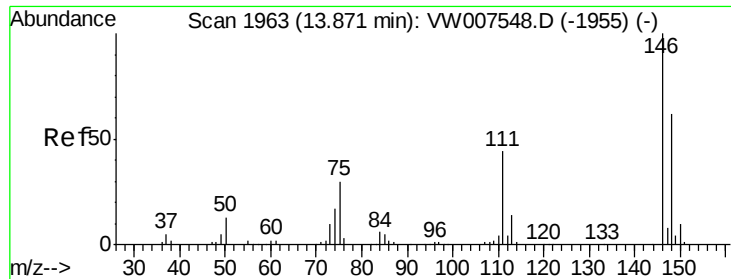
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#90
Hexachloroethane
Concen: 51.500 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion: 117 Resp: 9547
Ion Ratio Lower Upper
117 100
201 70.4 35.3 105.9





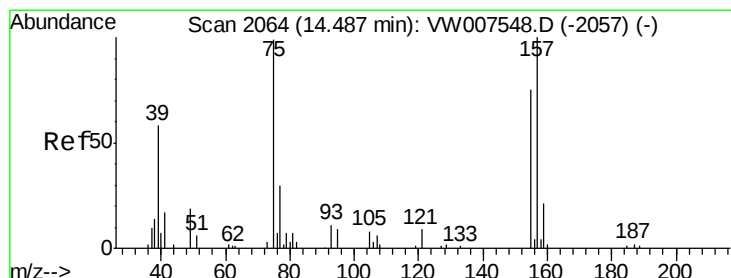
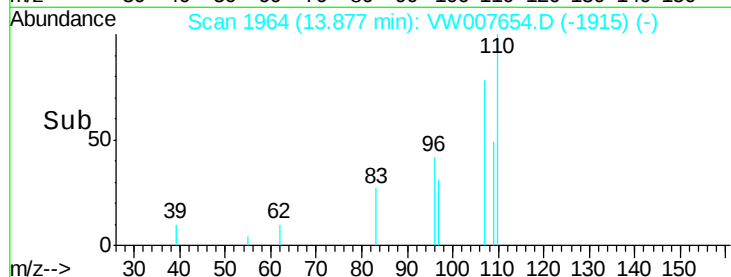
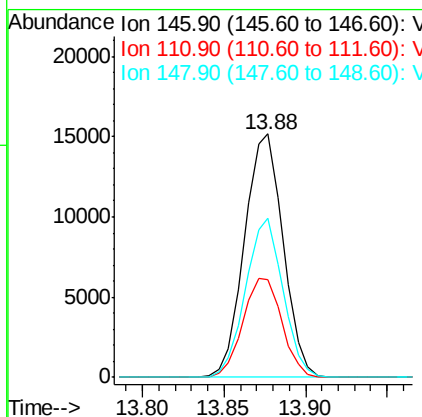
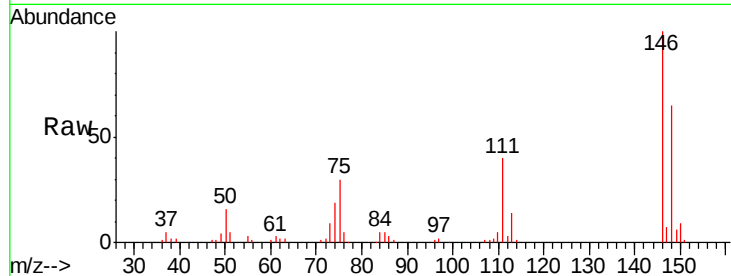
#91
 1,2-Dichlorobenzene
 Concen: 55.073 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007654.D
 Acq: 18 Dec 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	22.4	67.2
148	63.2	32.4	97.2

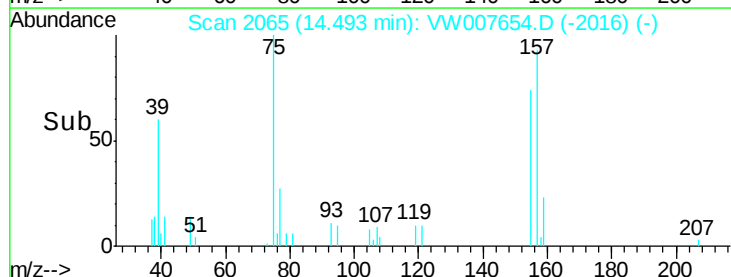
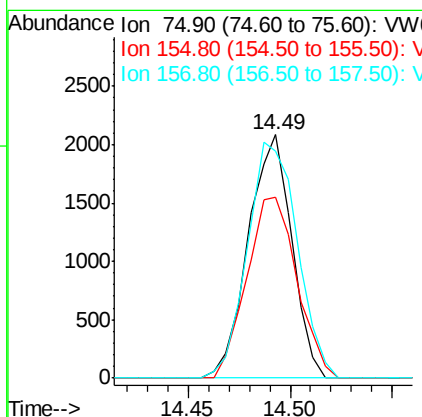
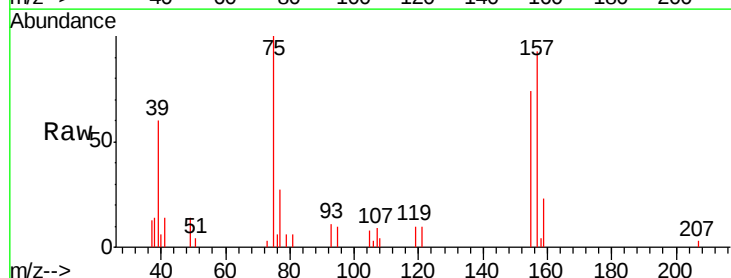
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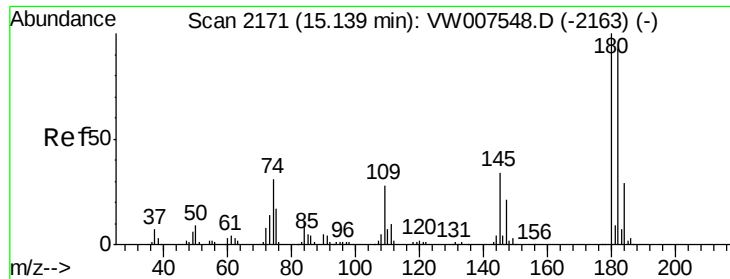
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 90.426 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW007654.D
 Acq: 18 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	40.8	122.2
157	111.6	51.1	153.4





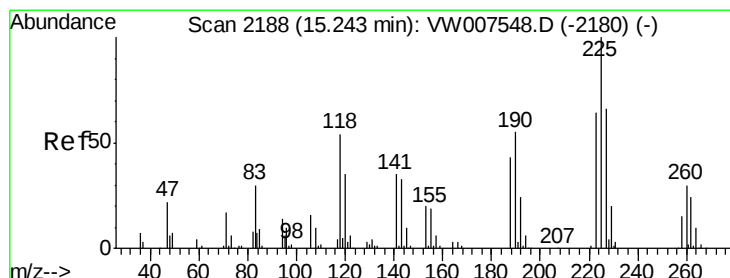
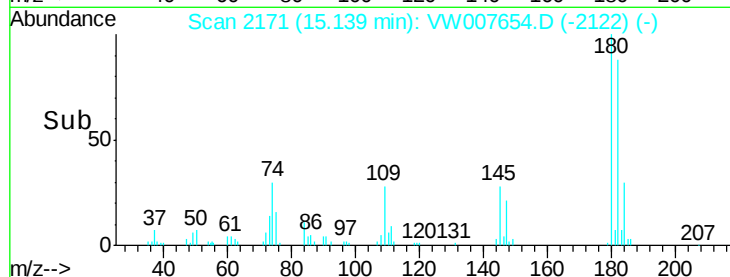
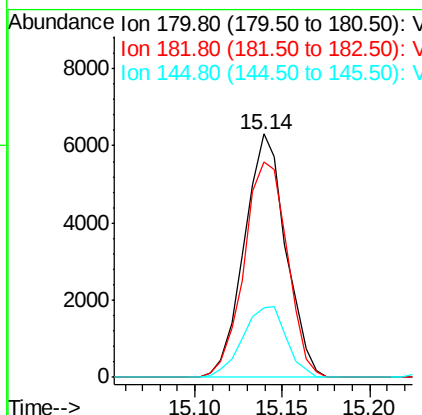
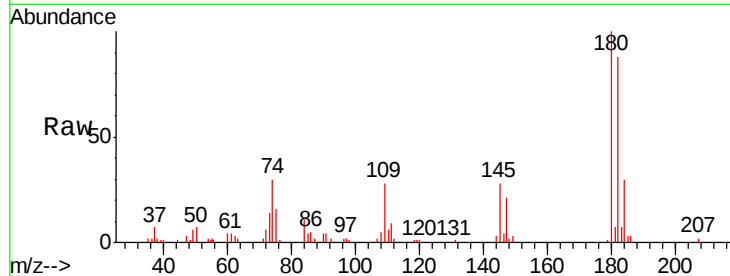
#93
1,2,4-Trichlorobenzene
Concen: 33.333 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	49.9	149.6
145	30.6	17.8	53.4

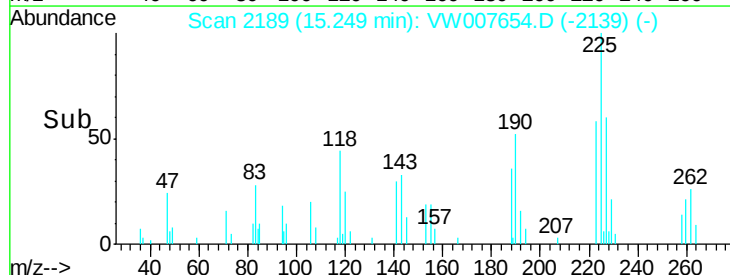
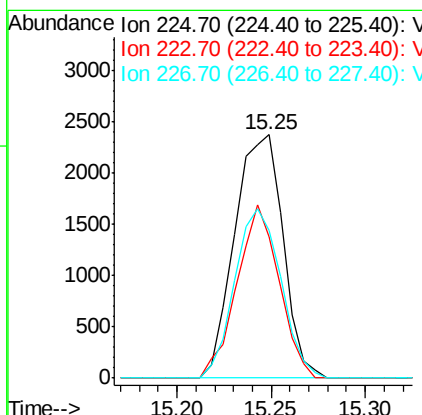
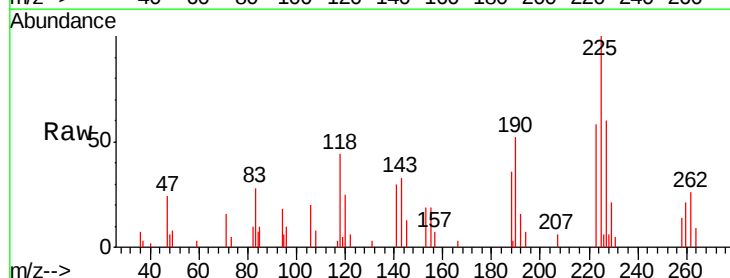
Manual Integrations
APPROVED

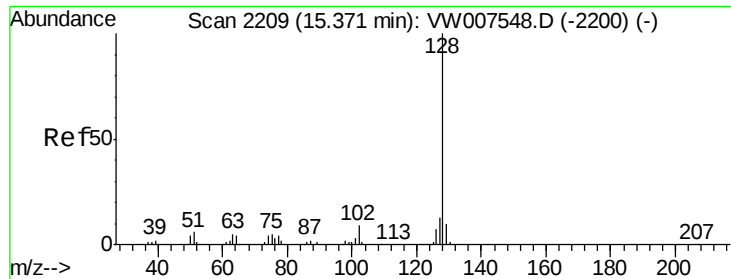
apatel
12/19/2018 12:15:11 PM



#94
Hexachlorobutadiene
Concen: 25.379 ug/l
RT: 15.25 min Scan# 2189
Delta R.T. 0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	32.1	96.3
227	66.7	31.9	95.9





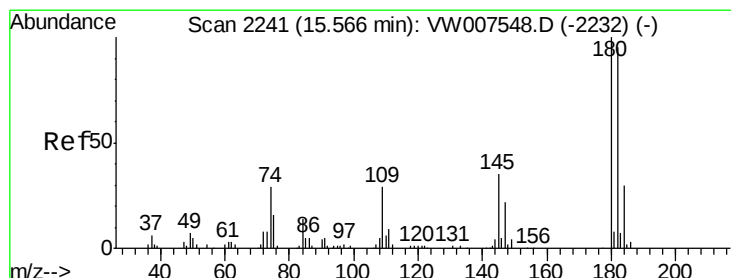
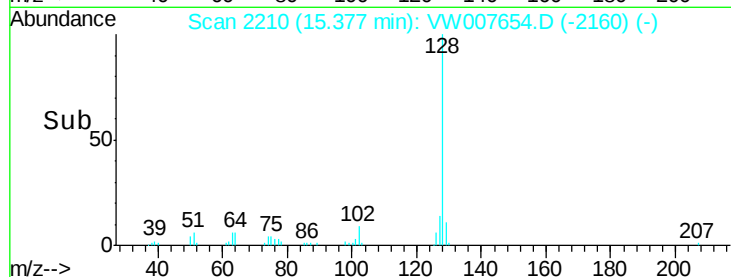
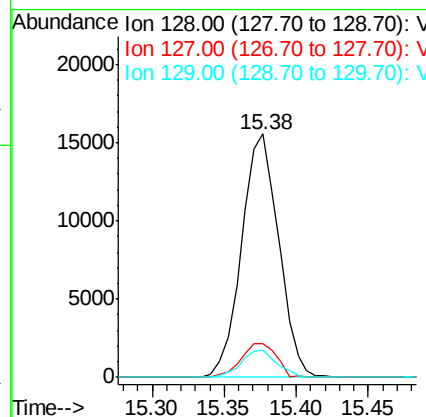
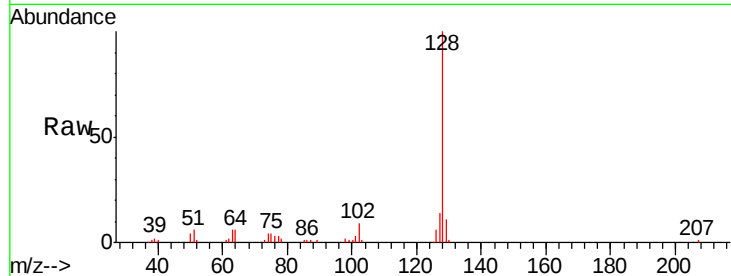
#95
Naphthalene
Concen: 46.376 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.8	8.3	12.5

Manual Integrations
APPROVED

apatel
12/19/2018 12:15:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 29.618 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007654.D
Acq: 18 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	45.6	136.7
145	34.3	17.5	52.5

