

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV121718\
 Data File : VW007568.D
 Acq On : 15 Dec 2018 07:32
 Operator : SY/AP
 Sample : J6391-07MS
 Misc : 4.51G/5ML/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

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

Manual Integrations
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 12/17/2018 1:45:41 PM

Quant Time: Dec 15 20:00:53 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	47707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	76125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	52203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	16283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	32664	61.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.44%	
35) Dibromofluoromethane	7.88	113	28504	61.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.72%	
50) Toluene-d8	10.32	98	87876	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.62	95	22653	35.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18469	55.399	ug/l	100
3) Chloromethane	2.21	50	14450	51.754	ug/l	98
4) Vinyl Chloride	2.37	62	18949	57.832	ug/l	96
5) Bromomethane	2.78	94	7931	36.026	ug/l	87
6) Chloroethane	2.93	64	10495	58.188	ug/l	92
7) Trichlorofluoromethane	3.26	101	15696	53.283	ug/l	98
8) Diethyl Ether	3.68	74	15913	69.019	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	25049	51.534	ug/l	98
10) Methyl Iodide	4.27	142	23630	29.353	ug/l	98
11) Tert butyl alcohol	5.18	59	11367	312.713	ug/l	98
12) 1,1-Dichloroethene	4.03	96	26456	56.531	ug/l	93
14) Allyl chloride	4.67	41	30757	44.586	ug/l	100
15) Acrylonitrile	5.36	53	14550	149.699	ug/l	98
16) Acetone	4.12	43	31818	344.172	ug/l	95
17) Carbon Disulfide	4.38	76	70409	49.619	ug/l	99
18) Methyl Acetate	4.67	43	26552	105.821	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	52407	74.231	ug/l	99
20) Methylene Chloride	4.91	84	32841	66.232	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	29466	56.284	ug/l	99
22) Diisopropyl ether	6.31	45	83799	63.199	ug/l	96
23) Vinyl Acetate	6.31	43	46303	62.432	ug/l #	72
24) 1,1-Dichloroethane	6.21	63	53914	60.161	ug/l	97
25) 2-Butanone	7.17	43	33148	274.652	ug/l	94
26) 2,2-Dichloropropane	7.17	77	32309	54.475	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	32194	56.162	ug/l	98
28) Bromochloromethane	7.51	49	19878	58.970	ug/l	98
29) Tetrahydrofuran	7.52	42	26691	349.334	ug/l	97
30) Chloroform	7.68	83	56733	58.174	ug/l	97
31) Cyclohexane	7.95	56	33983	41.331	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	47403	55.428	ug/l	99
36) 1,1-Dichloropropene	8.08	75	35808	51.564	ug/l	100
37) Ethyl Acetate	7.17	43	33148	128.338	ug/l #	1
38) Carbon Tetrachloride	8.07	117	42318	56.005	ug/l	95
39) Methylcyclohexane	9.34	83	32045	38.108	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	112330	58.287	ug/l	98
41) Methacrylonitrile	7.49	41	2660m	18.085	ug/l	
42) 1,2-Dichloroethane	8.40	62	40493	66.888	ug/l	100
43) Isopropyl Acetate	8.43	43	2221	4.353	ug/l #	59
44) Trichloroethene	9.09	130	28364	51.540	ug/l	96
45) 1,2-Dichloropropane	9.37	63	27443	61.535	ug/l	98
46) Dibromomethane	9.46	93	16865	66.591	ug/l	96
47) Bromodichloromethane	9.65	83	39156	58.942	ug/l	96
48) Methyl methacrylate	9.44	41	9915	37.840	ug/l	98
49) 1,4-Dioxane	9.45	88	5697	1386.351	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	62628	259.795	ug/l	99
52) Toluene	10.39	92	63557	50.961	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	26360	40.873	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	25906	34.747	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	21757	63.120	ug/l	96
56) Ethyl methacrylate	10.65	69	1280	3.090	ug/l #	70
57) 1,3-Dichloropropane	10.93	76	36135	63.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	39214	205.249	ug/l	99
59) 2-Hexanone	10.97	43	27088	168.517	ug/l	99
60) Dibromochloromethane	11.13	129	24464	56.239	ug/l	98
61) 1,2-Dibromoethane	11.24	107	17582	51.616	ug/l	94
64) Tetrachloroethene	10.87	164	19154	51.022	ug/l	95
65) Chlorobenzene	11.66	112	58658	53.910	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	24796	64.705	ug/l	99
67) Ethyl Benzene	11.73	91	102764	54.933	ug/l	94
68) m/p-Xylenes	11.84	106	76813	105.621	ug/l	99
69) o-Xylene	12.17	106	36528	53.781	ug/l	97
70) Styrene	12.18	104	51165	46.638	ug/l	98
71) Bromoform	12.35	173	12101	61.693	ug/l #	100
73) Isopropylbenzene	12.47	105	91233	73.123	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	19223	104.024	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	15688m	116.850	ug/l	
77) Bromobenzene	12.75	156	20141	72.827	ug/l	92
78) n-propylbenzene	12.81	91	92347	65.768	ug/l	100
79) 2-Chlorotoluene	12.90	91	53114	62.516	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	68052	64.914	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	3399	55.925	ug/l	98
82) 4-Chlorotoluene	12.99	91	53808	60.082	ug/l	97
83) tert-Butylbenzene	13.21	119	61641	66.730	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	67243	62.331	ug/l	98
85) sec-Butylbenzene	13.39	105	72871	57.787	ug/l	96
86) p-Isopropyltoluene	13.50	119	63096	55.696	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	29084	52.746	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	29616	53.426	ug/l	97
89) n-Butylbenzene	13.83	91	44523	42.394	ug/l	98
90) Hexachloroethane	14.10	117	10544	52.309	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	26251	53.154	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3442	92.815	ug/l	95
93) 1,2,4-Trichlorobenzene	15.14	180	9204	27.080	ug/l	96
94) Hexachlorobutadiene	15.24	225	4908	27.216	ug/l	98

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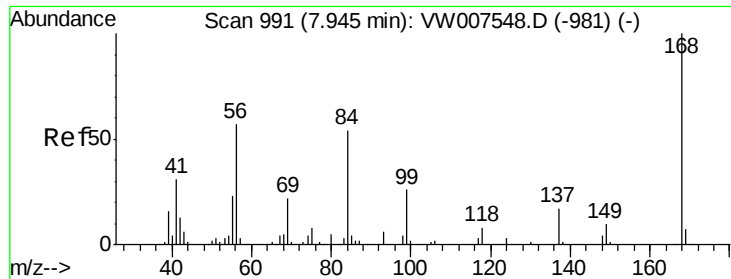
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	26035	40.042	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	7154	24.231	ug/l	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:168 Resp: 47707

Ion Ratio Lower Upper

168 100

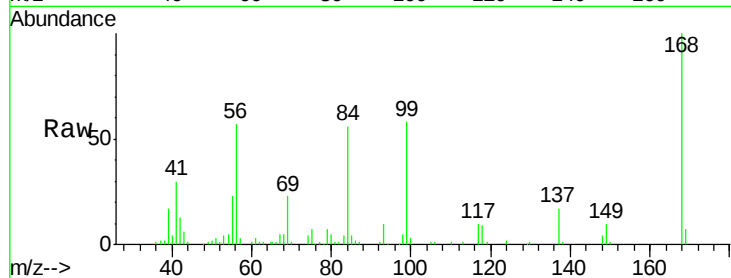
99 57.9 48.3 72.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

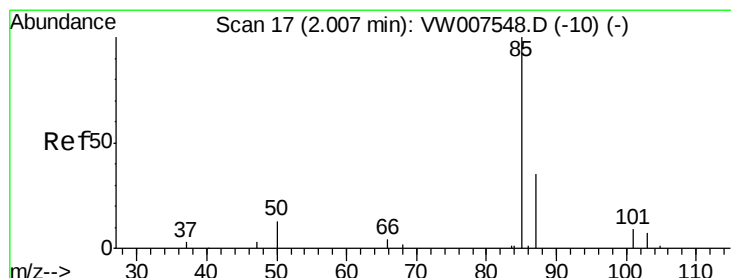
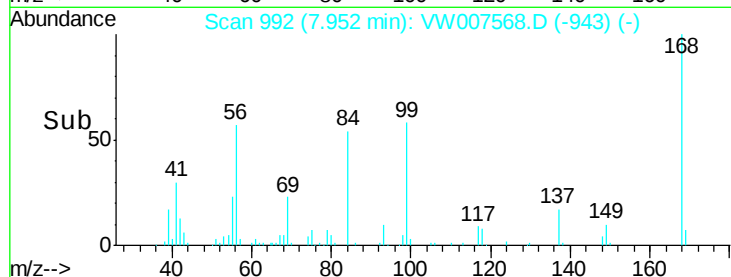
15000

10000

5000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.399 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007568.D

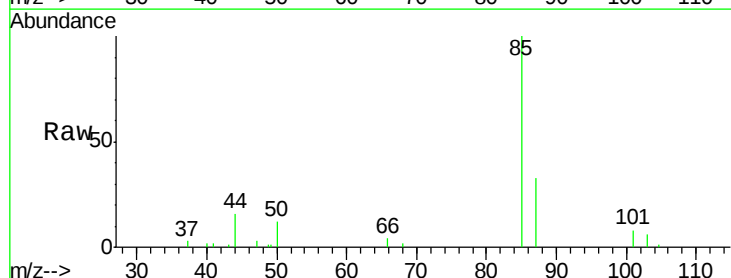
Acq: 15 Dec 2018 07:32

Tgt Ion: 85 Resp: 18469

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

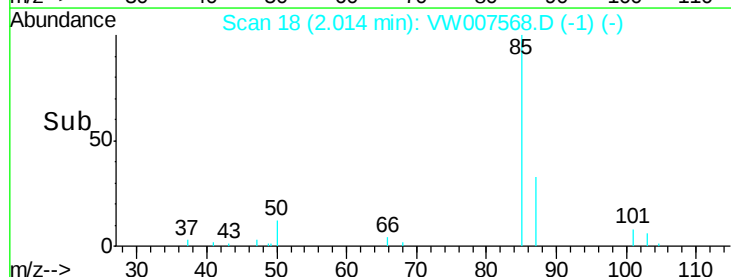
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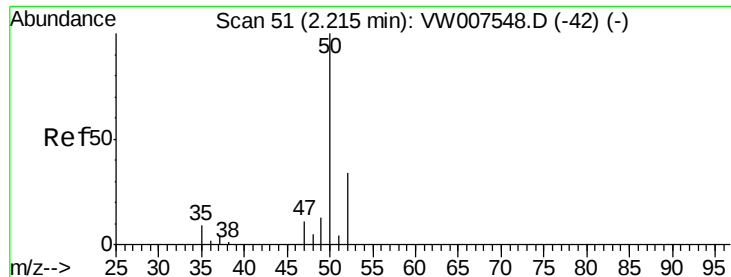
4000

2000

0

Time-->





#3

Chloromethane

Concen: 51.754 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion: 50 Resp: 14450

Ion Ratio Lower Upper

50 100

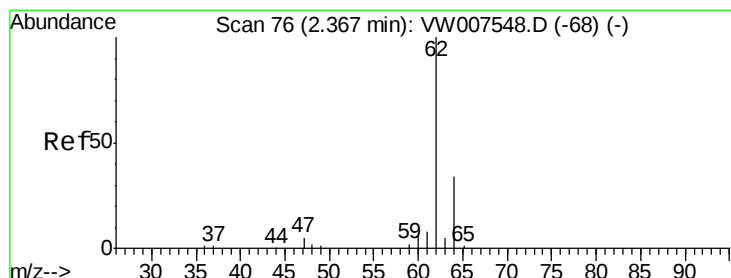
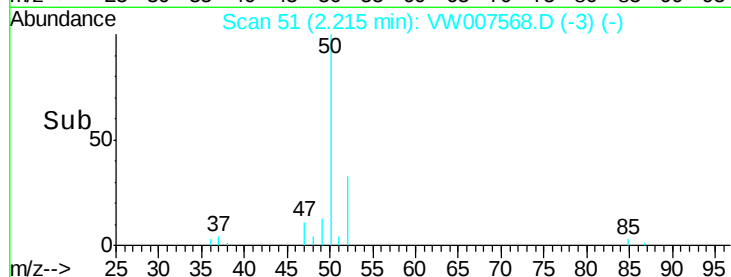
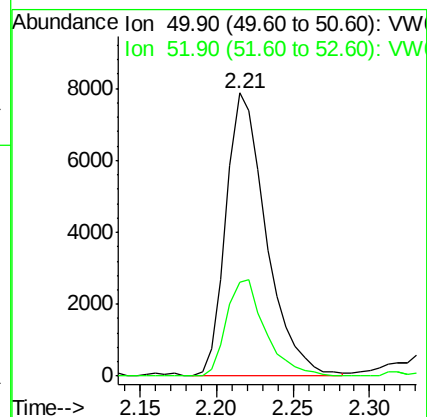
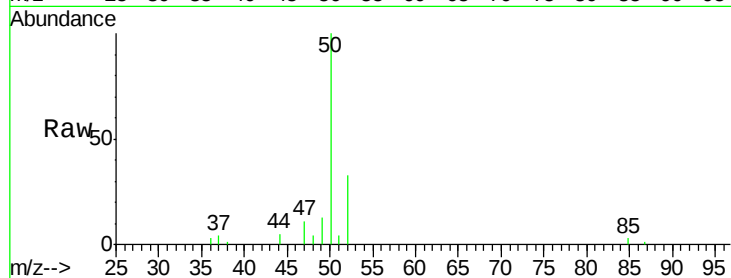
52 33.2 27.4 41.0

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#4

Vinyl Chloride

Concen: 57.832 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007568.D

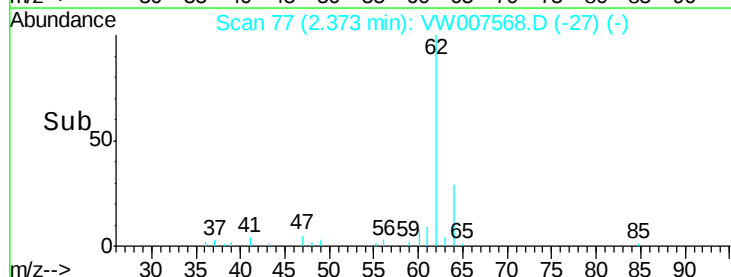
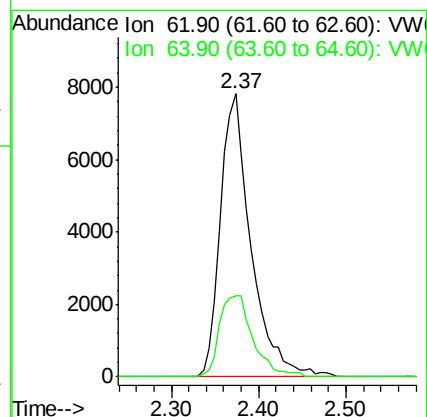
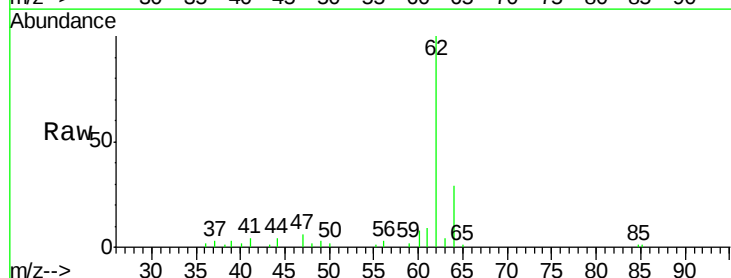
Acq: 15 Dec 2018 07:32

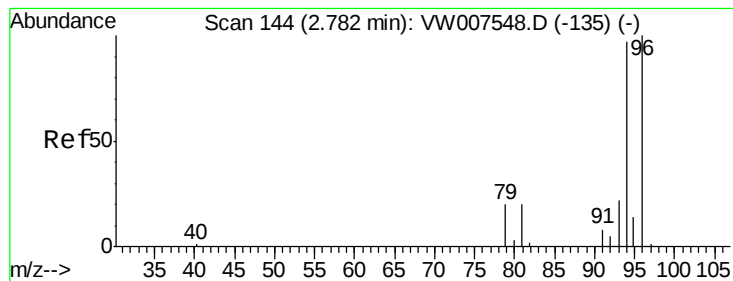
Tgt Ion: 62 Resp: 18949

Ion Ratio Lower Upper

62 100

64 28.7 24.6 37.0





#5

Bromomethane

Concen: 36.026 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

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Tgt Ion: 94 Resp: 7931

Ion Ratio Lower Upper

94 100

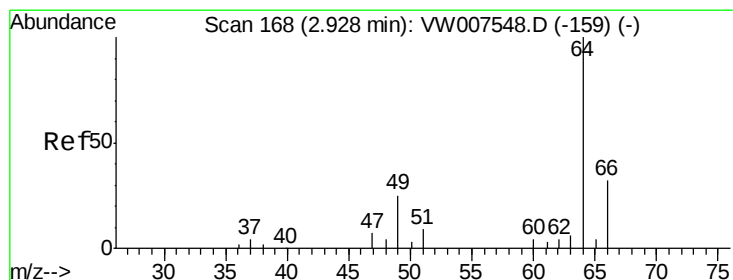
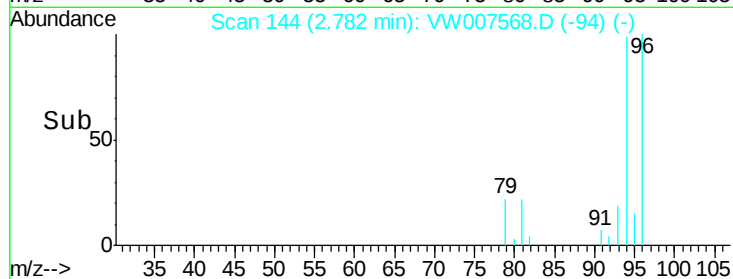
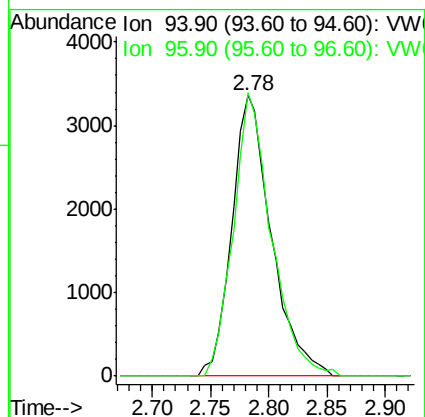
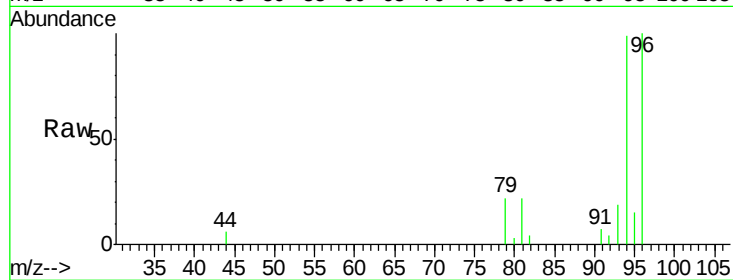
96 101.0 71.0 106.4

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#6

Chloroethane

Concen: 58.188 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007568.D

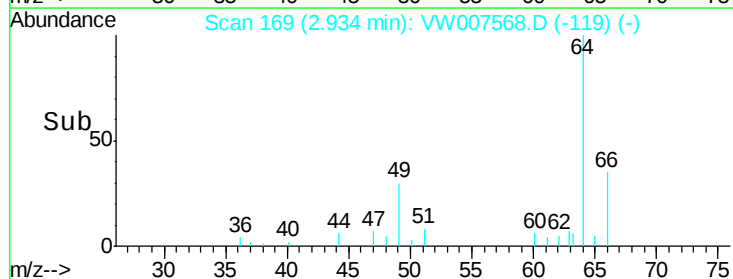
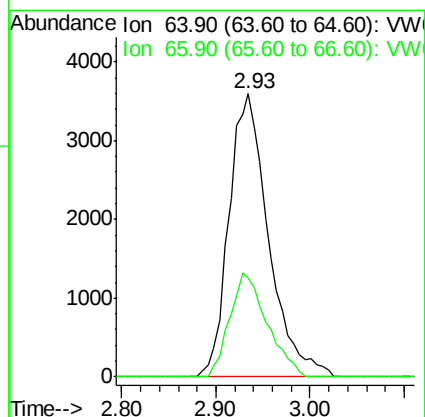
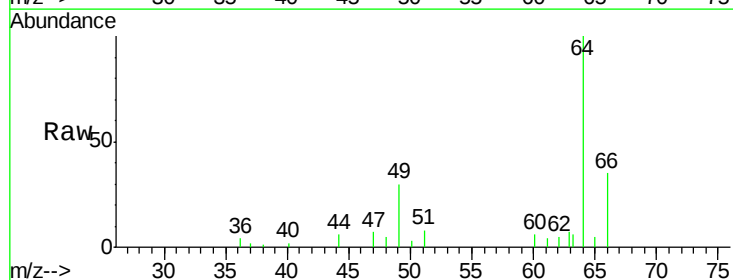
Acq: 15 Dec 2018 07:32

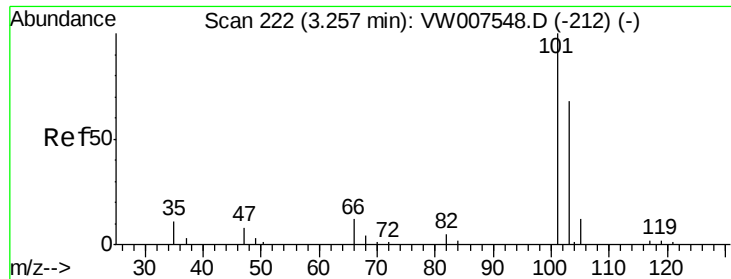
Tgt Ion: 64 Resp: 10495

Ion Ratio Lower Upper

64 100

66 34.9 24.6 37.0





#7

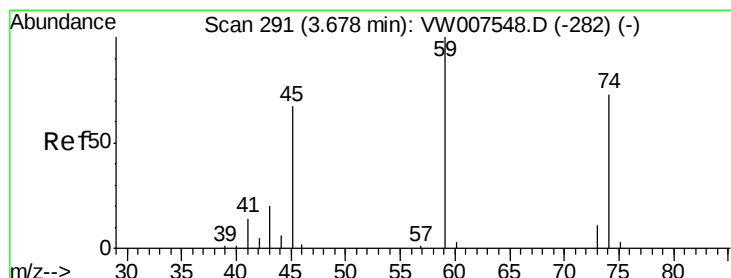
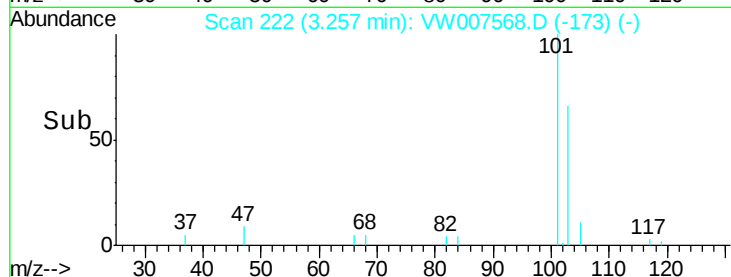
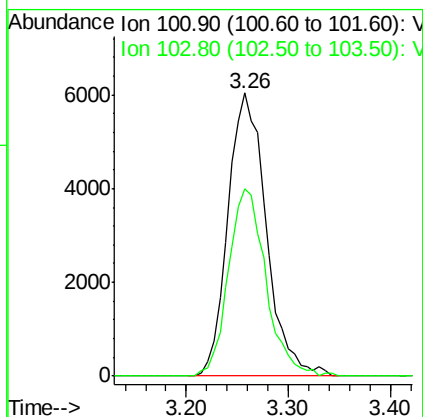
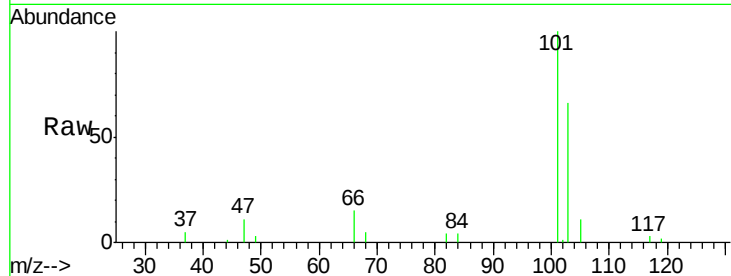
Trichlorofluoromethane
 Concen: 53.283 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW007568.D
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Tgt Ion: 101 Resp: 15696
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.7 77.5

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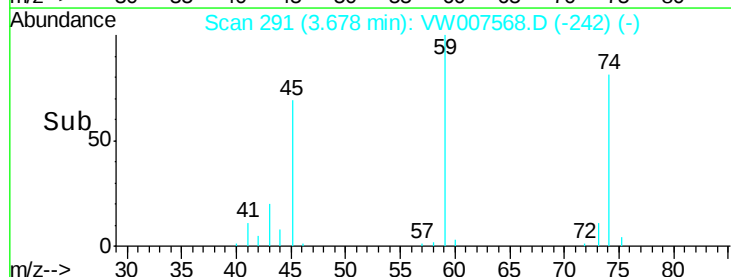
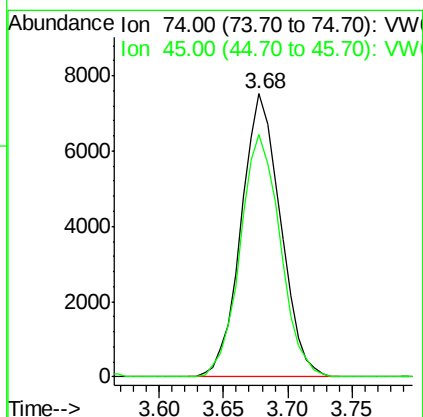
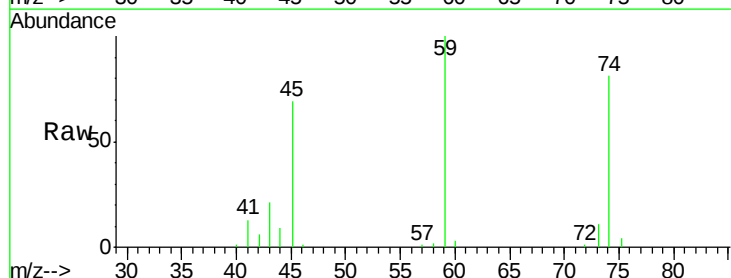
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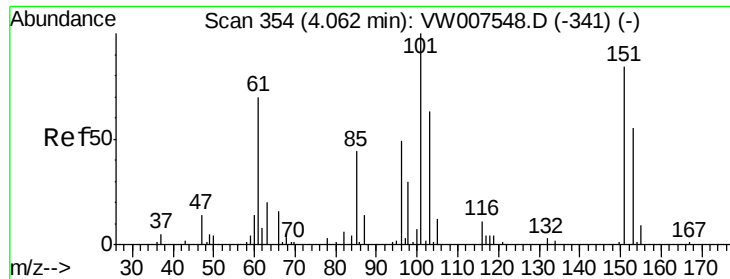


#8

Diethyl Ether
 Concen: 69.019 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion: 74 Resp: 15913
 Ion Ratio Lower Upper
 74 100
 45 86.9 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.534 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

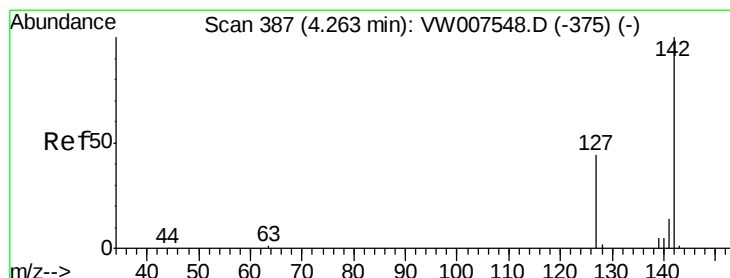
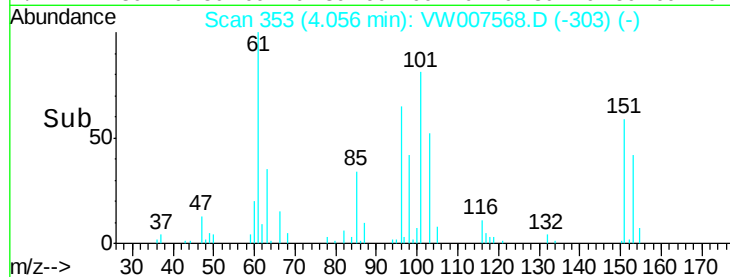
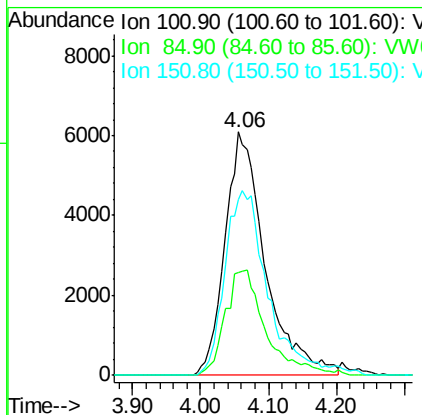
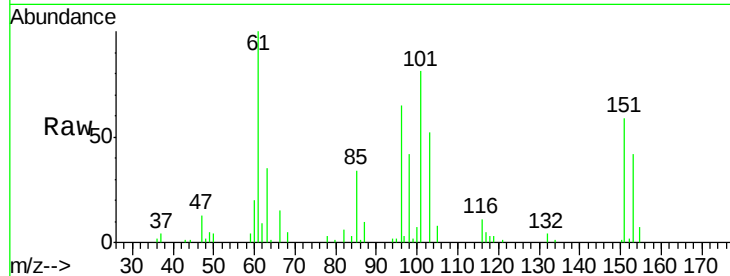
ClientSampleId :

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Tgt Ion:	101	Resp:	25049
Ion Ratio	Lower	Upper	
101	100		
85	43.8	33.9	50.9
151	81.6	63.7	95.5

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#10

Methyl Iodide

Concen: 29.353 ug/l

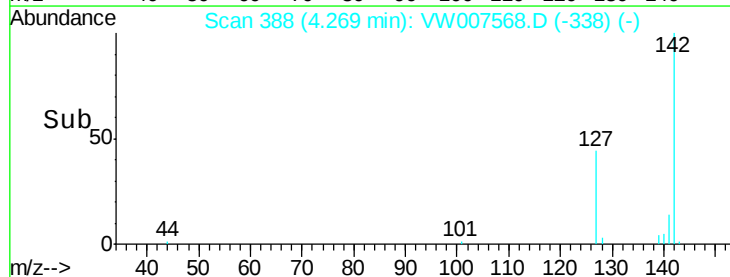
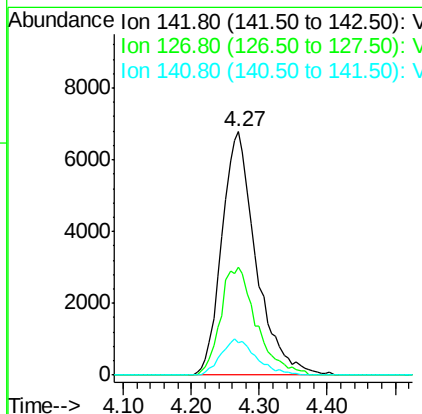
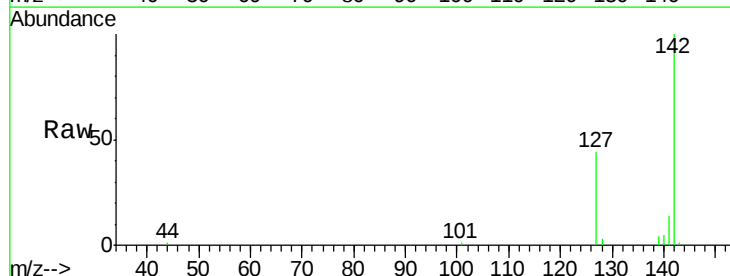
RT: 4.27 min Scan# 388

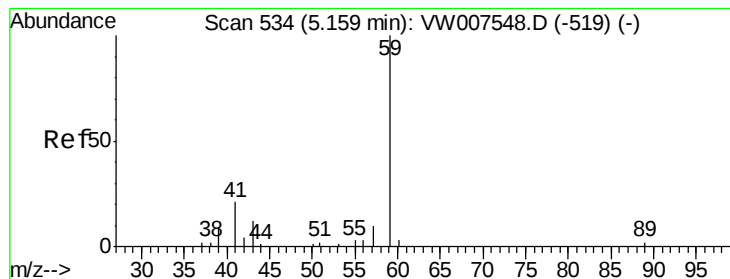
Delta R.T. 0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Tgt Ion:	142	Resp:	23630
Ion Ratio	Lower	Upper	
142	100		
127	46.1	35.8	53.6
141	15.2	11.1	16.7





#11

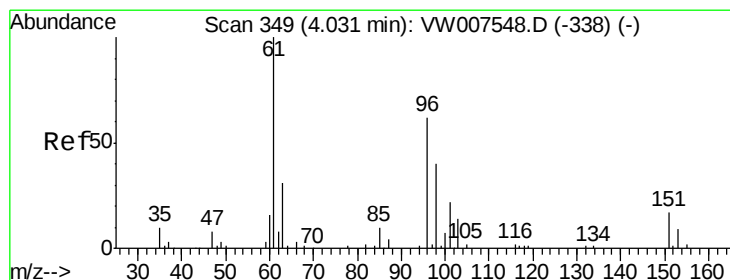
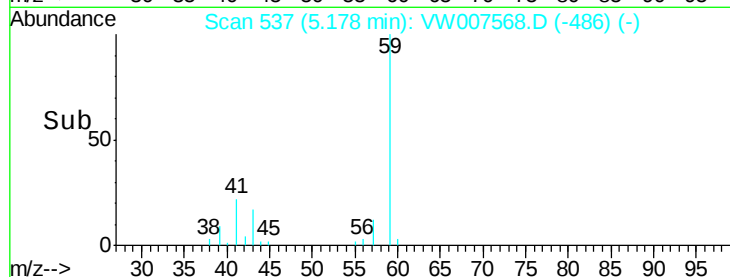
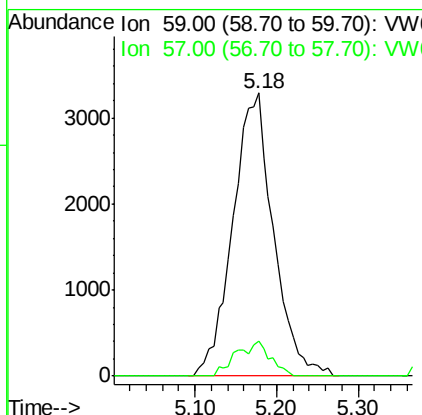
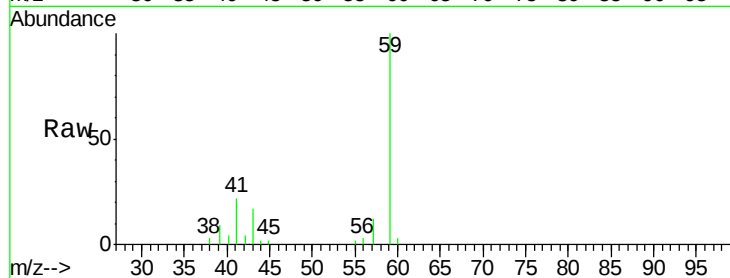
Tert butyl alcohol
Concen: 312.713 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.6	11.4

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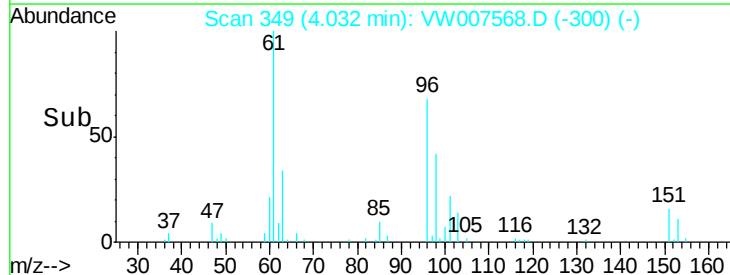
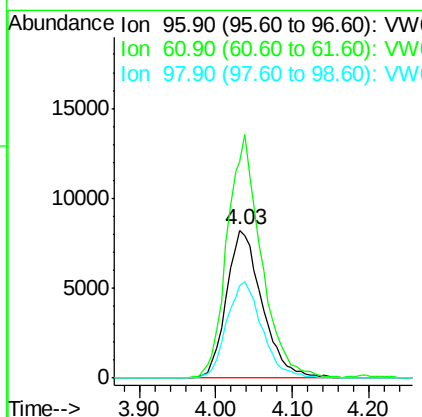
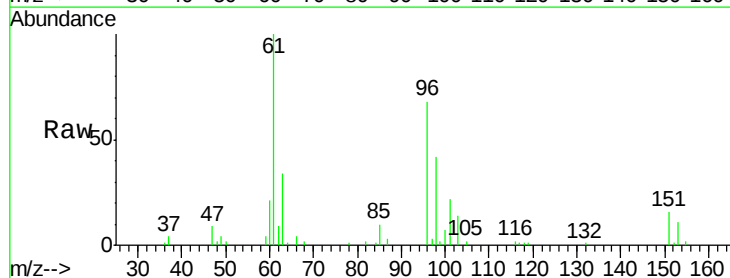
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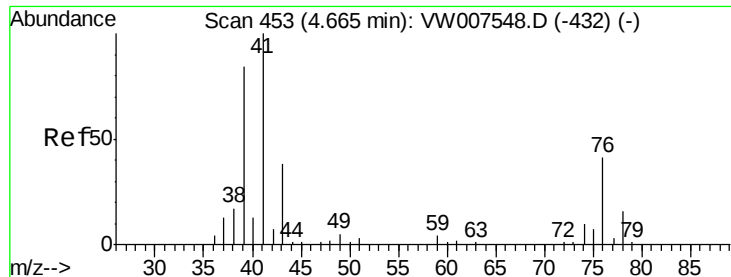


#12

1,1-Dichloroethene
Concen: 56.531 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.7	126.2	189.2
98	62.2	48.3	72.5





#14

Allyl chloride

Concen: 44.586 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

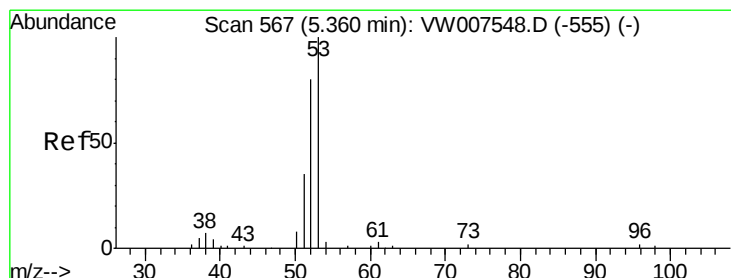
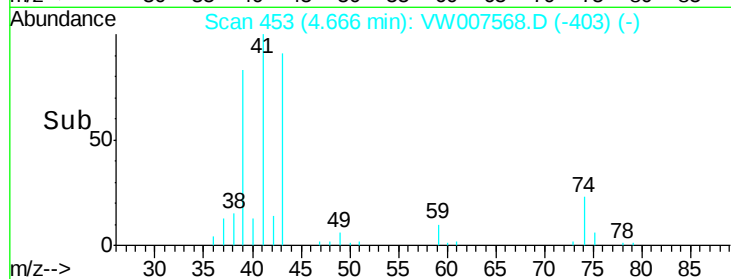
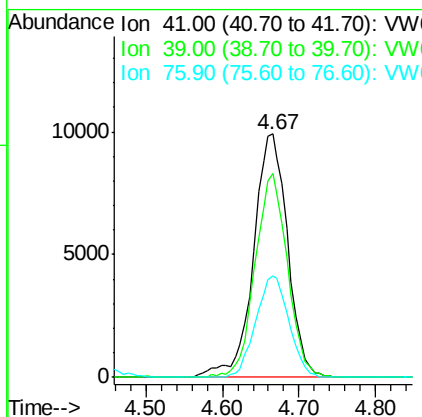
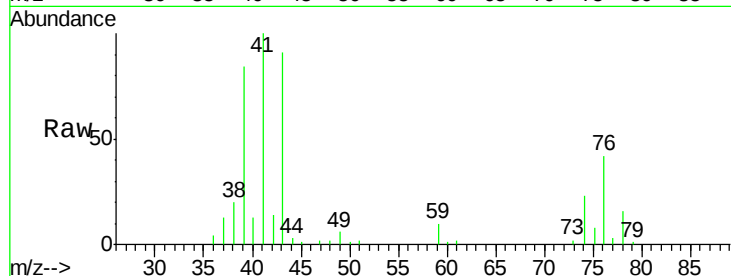
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:	41	Resp:	30757
Ion Ratio	Lower	Upper	
41	100		
39	79.5	63.4	95.2
76	40.3	32.1	48.1

Manual Integrations
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#15

Acrylonitrile

Concen: 149.699 ug/l

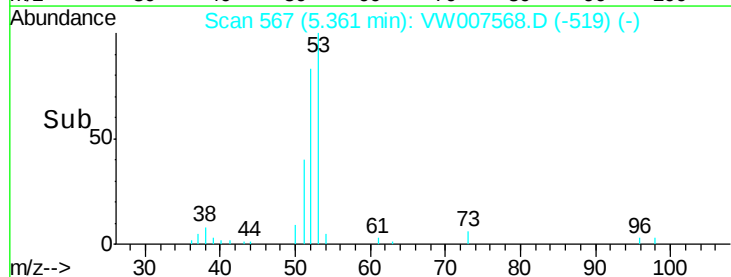
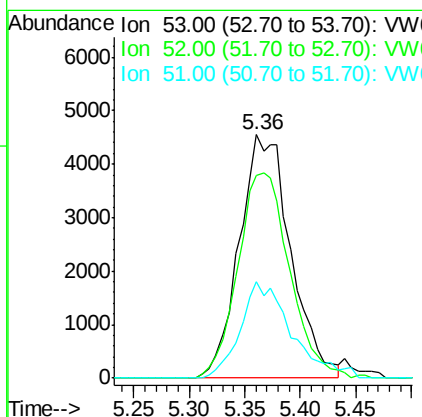
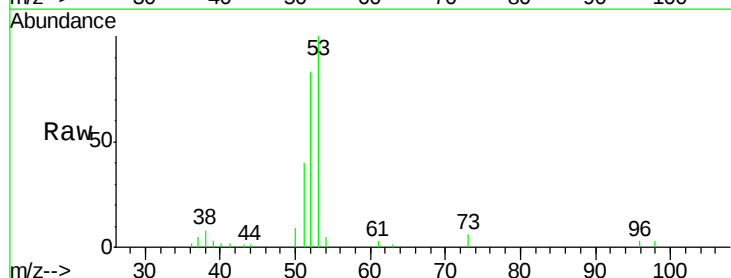
RT: 5.36 min Scan# 567

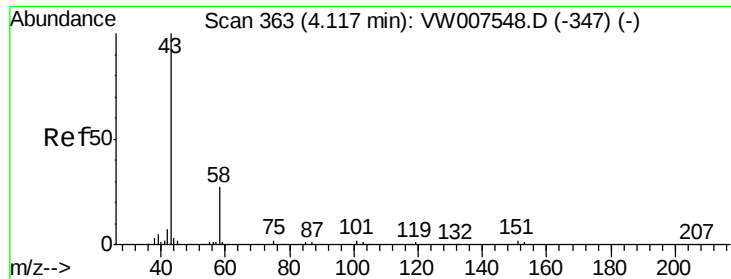
Delta R.T. -0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Tgt Ion:	53	Resp:	14550
Ion Ratio	Lower	Upper	
53	100		
52	85.5	67.4	101.2
51	39.6	30.2	45.2





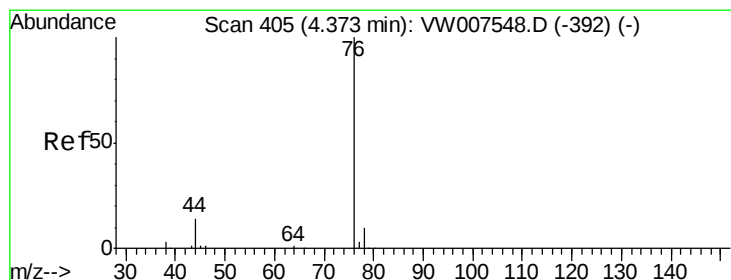
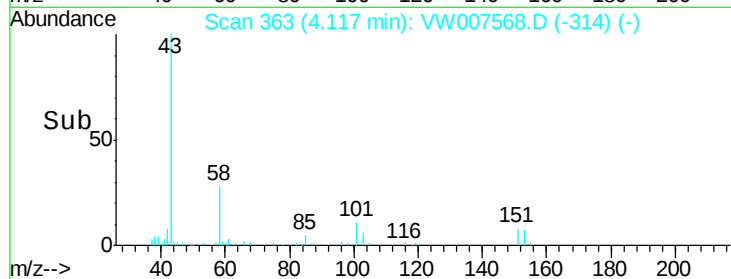
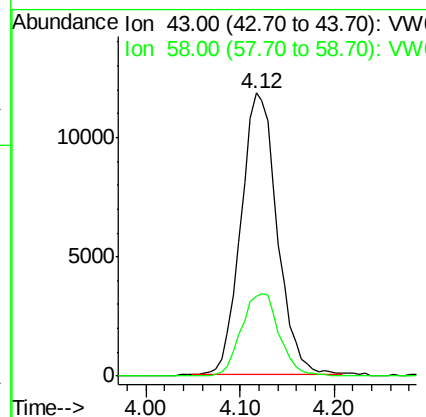
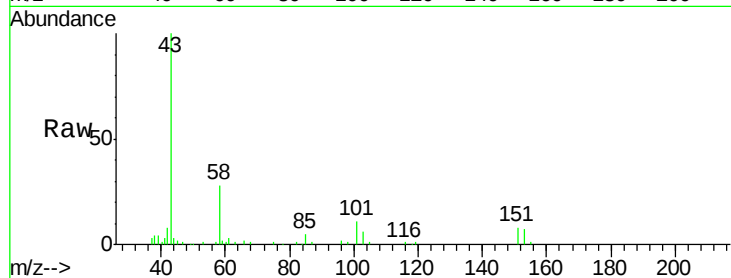
#16
Acetone
Concen: 344.172 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

Tgt Ion: 43 Resp: 31818
Ion Ratio Lower Upper
43 100
58 28.2 24.9 37.3

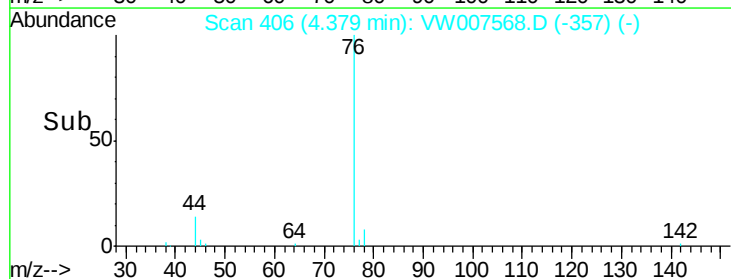
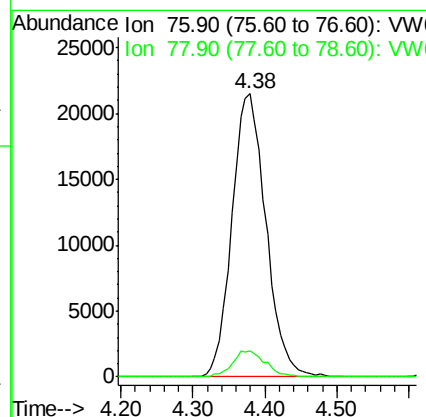
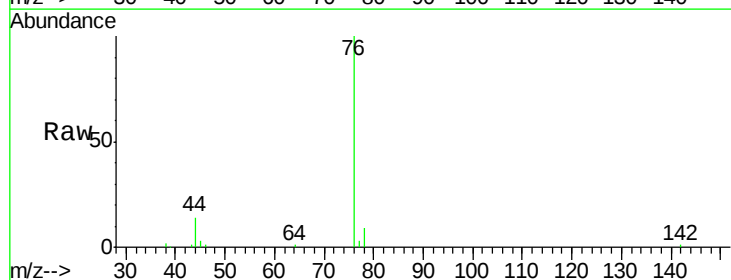
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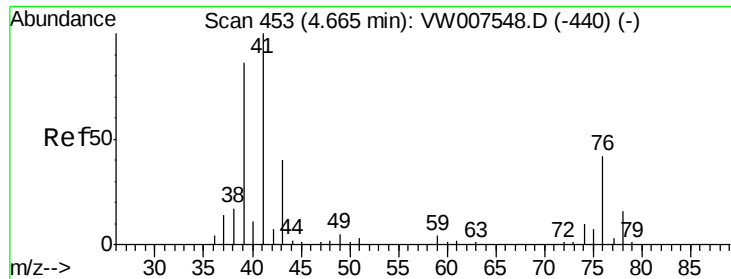
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#17
Carbon Disulfide
Concen: 49.619 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion: 76 Resp: 70409
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7





#18

Methyl Acetate

Concen: 105.821 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion: 43 Resp: 26552

Ion Ratio Lower Upper

43 100

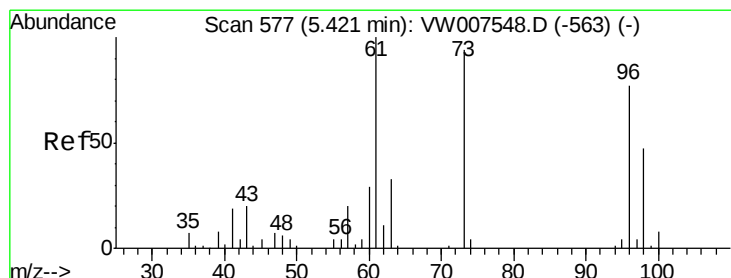
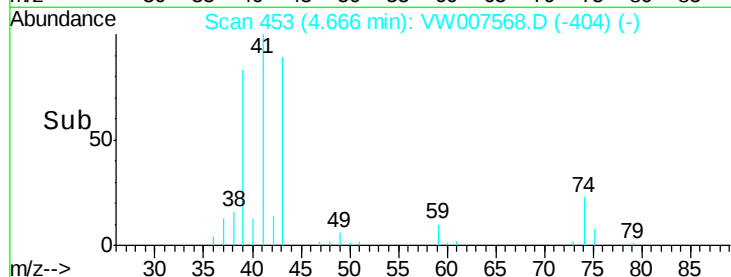
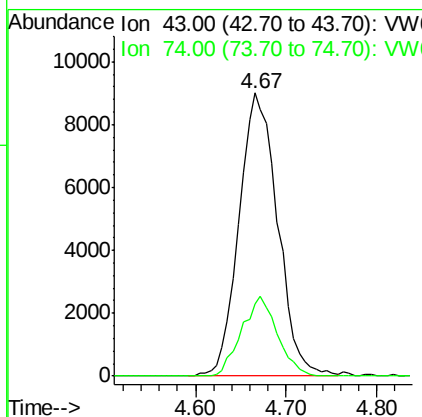
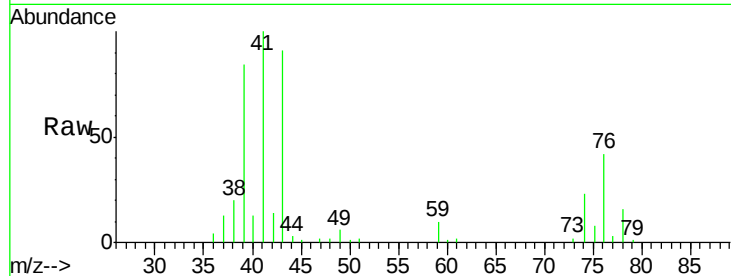
74 26.1 21.1 31.7

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#19

Methyl tert-butyl Ether

Concen: 74.231 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW007568.D

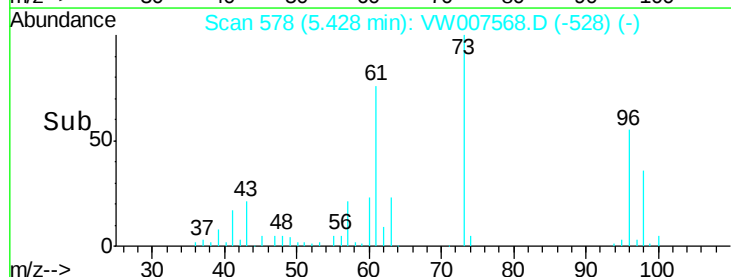
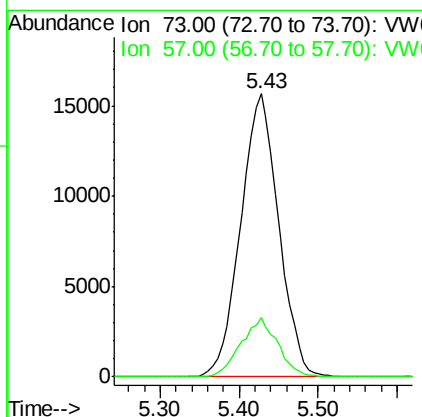
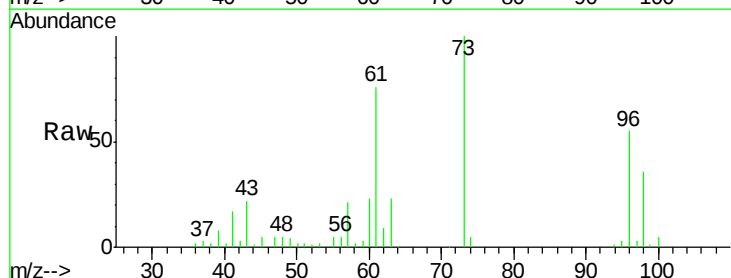
Acq: 15 Dec 2018 07:32

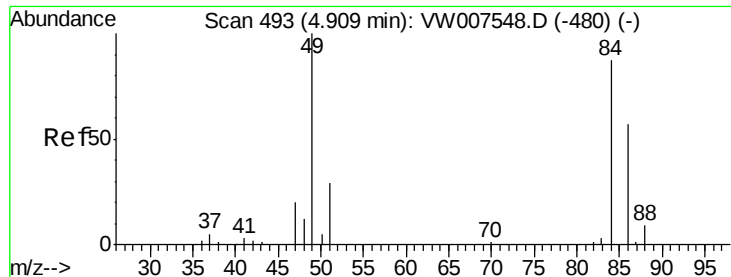
Tgt Ion: 73 Resp: 52407

Ion Ratio Lower Upper

73 100

57 20.8 16.4 24.6





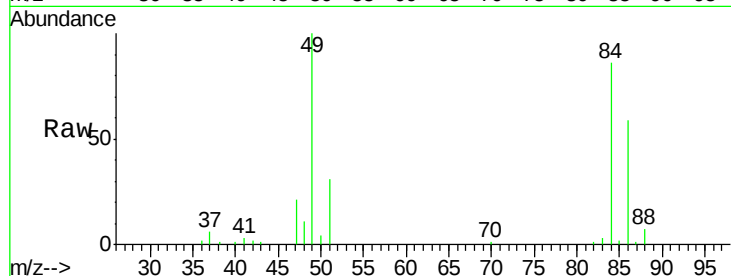
#20
Methylene Chloride
Concen: 66.232 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

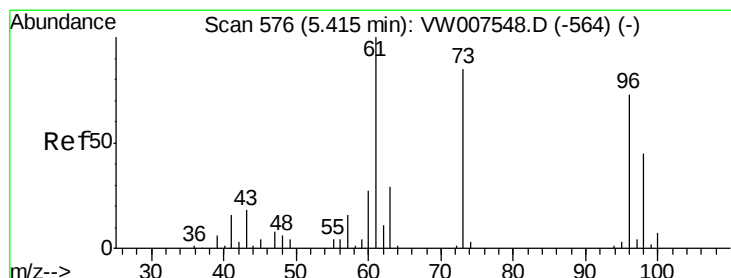
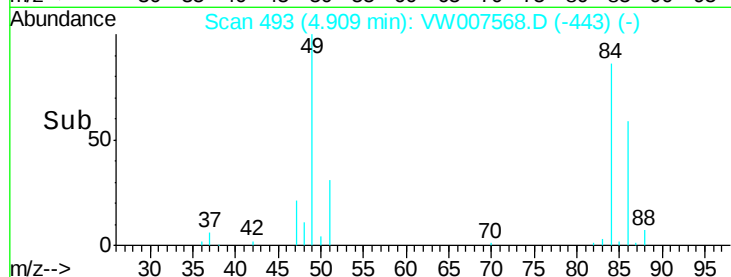
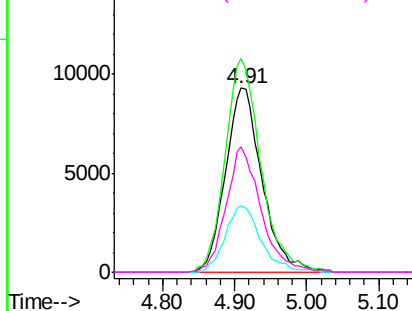
Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.0	87.1	130.7
51	36.3	28.2	42.2
86	68.3	50.8	76.2

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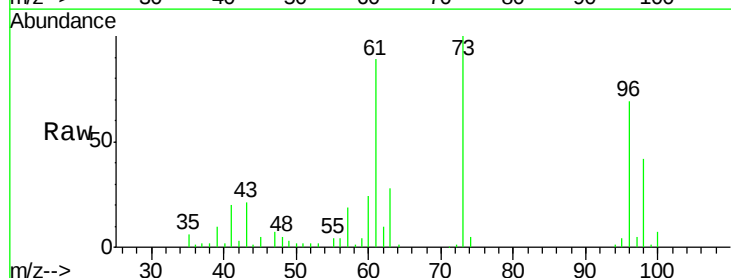


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

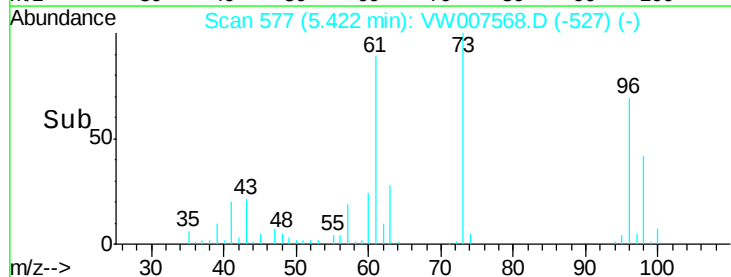
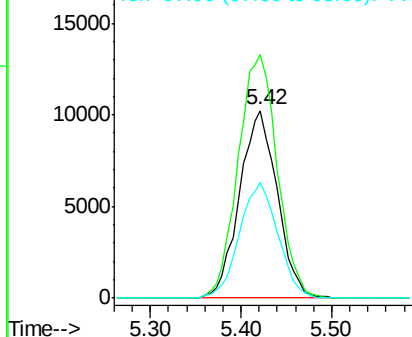


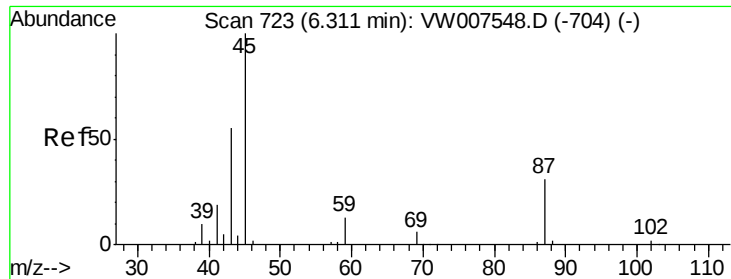
#21
trans-1,2-Dichloroethene
Concen: 56.284 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.9	105.0	157.6
98	61.3	49.7	74.5



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





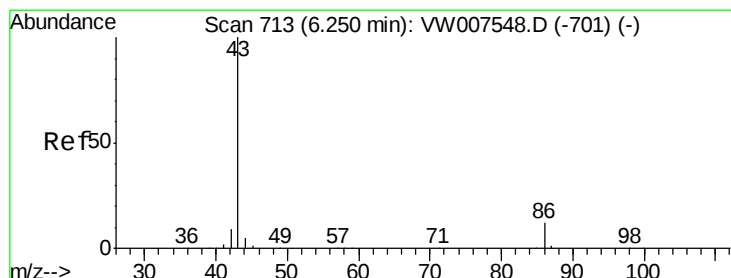
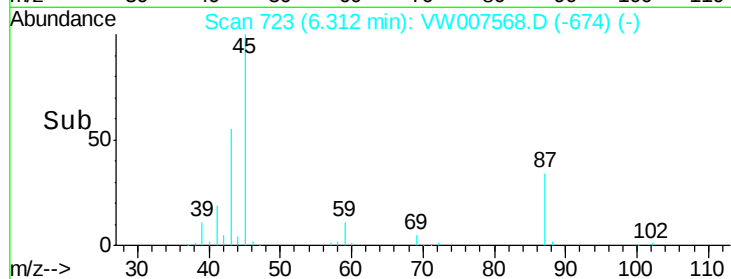
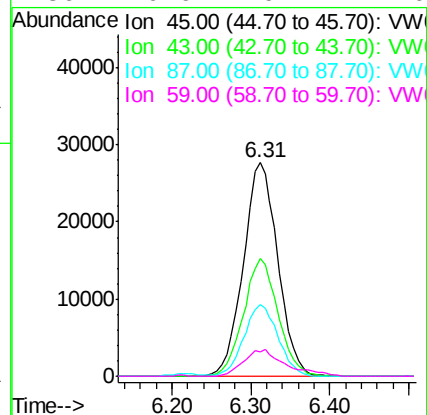
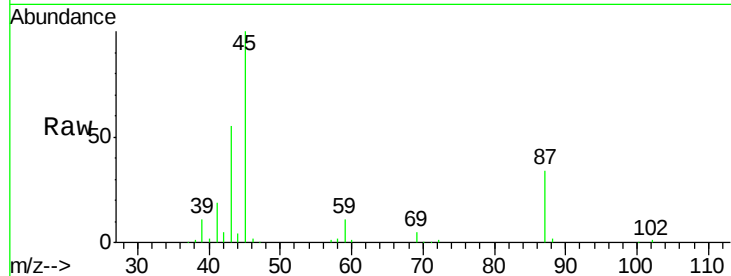
#22
Diisopropyl ether
Concen: 63.199 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.9	41.6	62.4
87	33.7	24.3	36.5
59	10.9	9.4	14.0

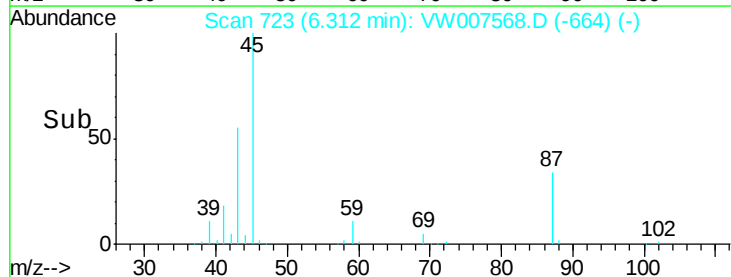
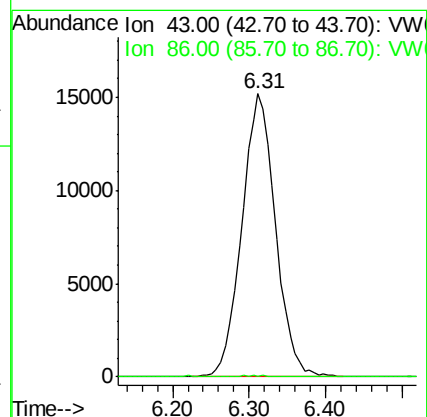
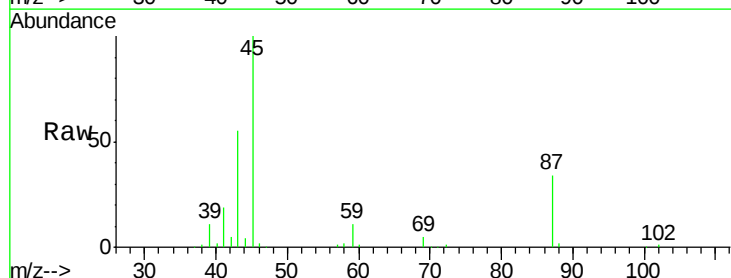
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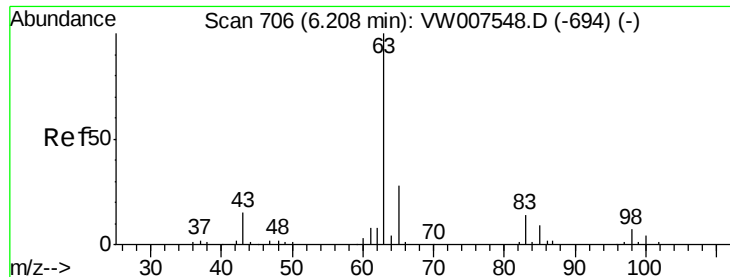
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#23
Vinyl Acetate
Concen: 62.432 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.06 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	12.8#





#24

1,1-Dichloroethane

Concen: 60.161 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

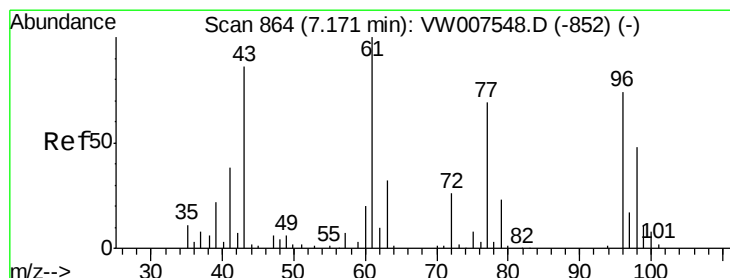
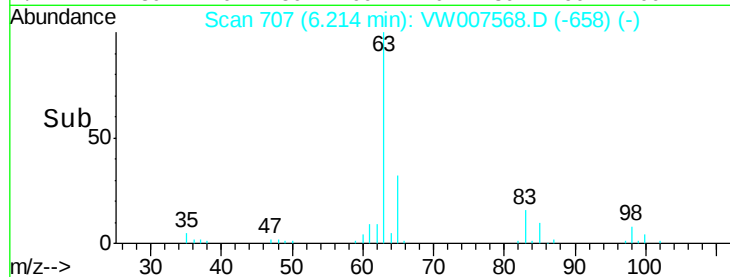
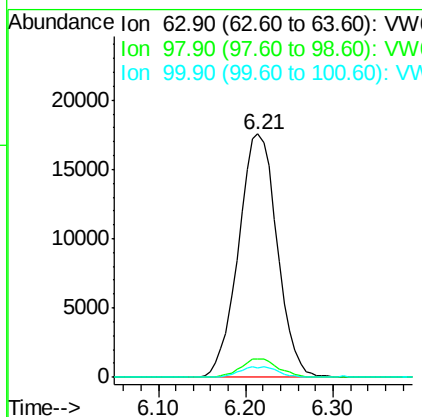
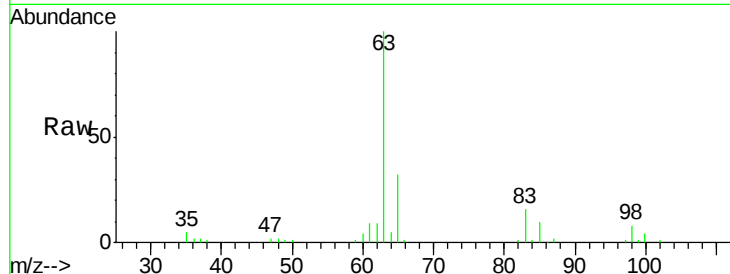
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:	63	Resp:	53914
Ion Ratio	Lower	Upper	
63	100		
98	7.7	3.5	10.4
100	3.9	2.5	7.5

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#25

2-Butanone

Concen: 274.652 ug/l

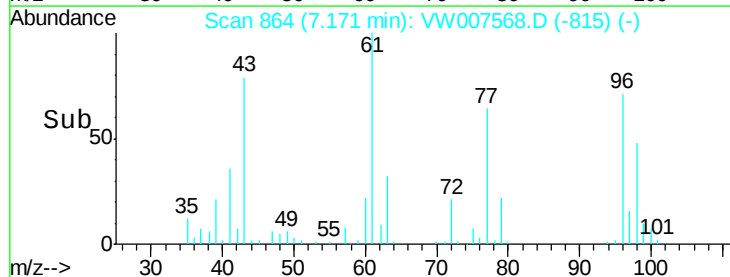
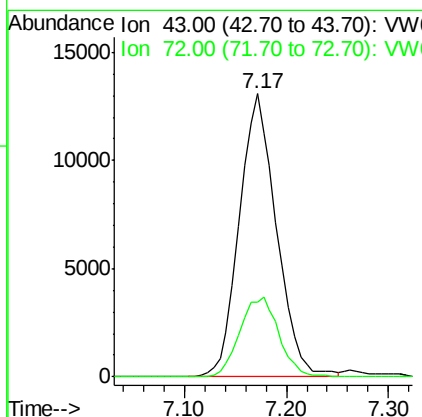
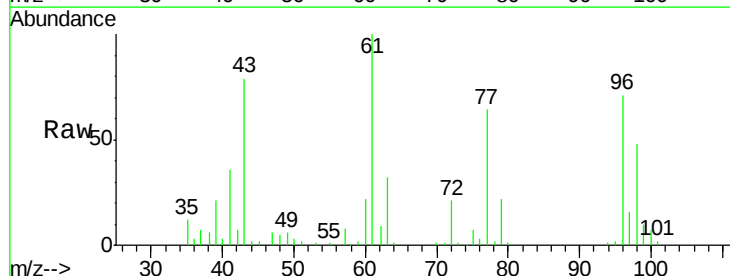
RT: 7.17 min Scan# 864

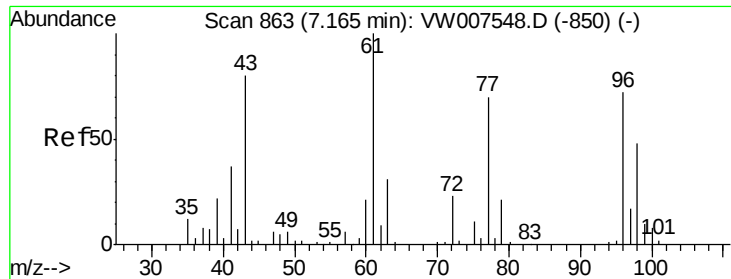
Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Tgt Ion:	43	Resp:	33148
Ion Ratio	Lower	Upper	
43	100		
72	26.2	23.4	35.2





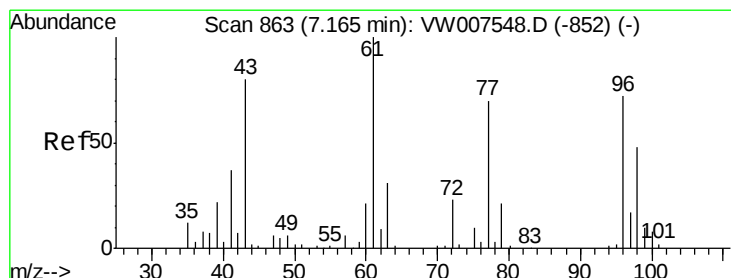
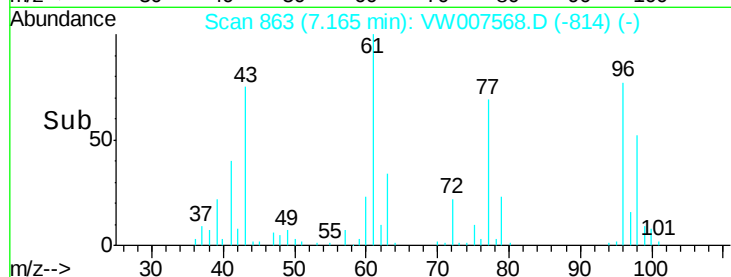
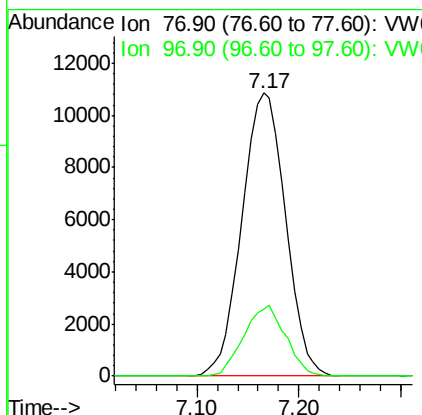
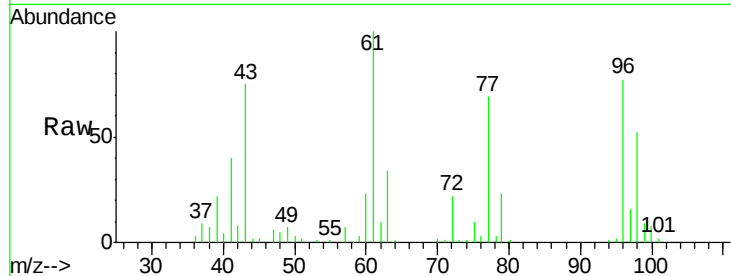
#26
 2,2-Dichloropropane
 Concen: 54.475 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

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

Tgt Ion: 77 Resp: 32309
 Ion Ratio Lower Upper
 77 100
 97 23.8 11.6 34.8

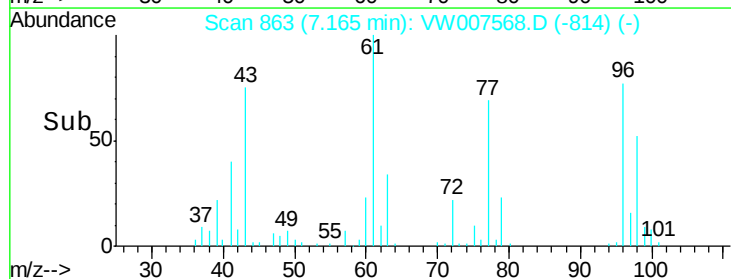
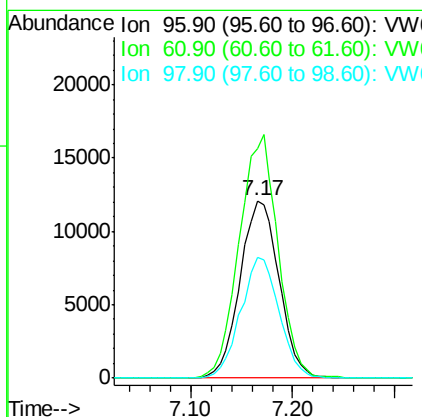
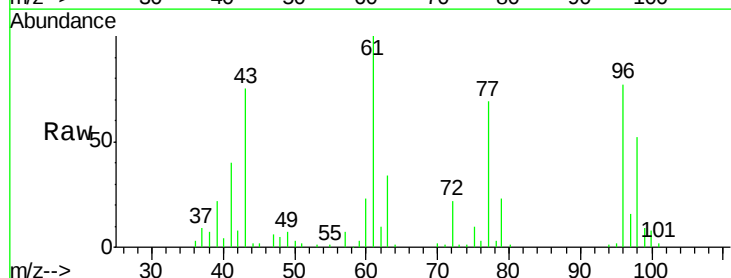
Manual Integrations
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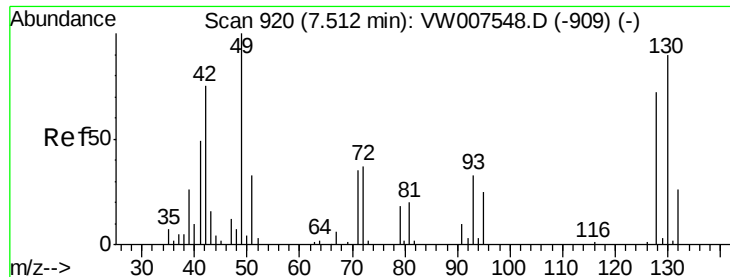
apatel
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#27
 cis-1,2-Dichloroethene
 Concen: 56.162 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion: 96 Resp: 32194
 Ion Ratio Lower Upper
 96 100
 61 136.2 0.0 268.4
 98 66.8 0.0 127.8





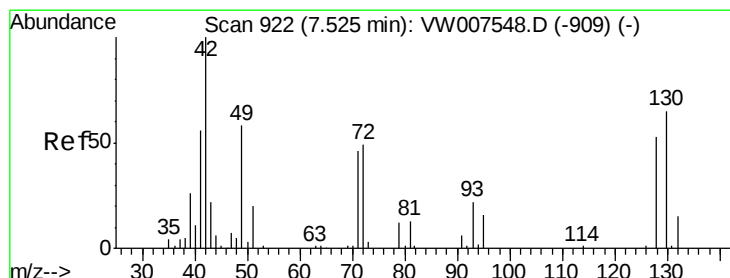
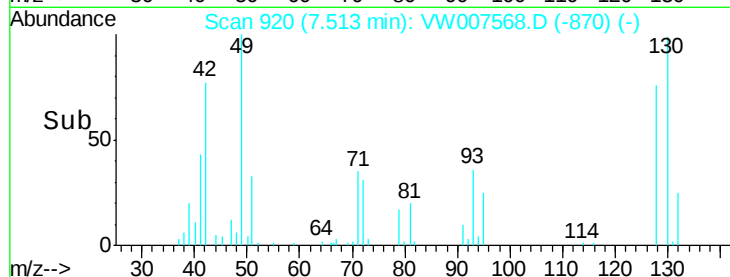
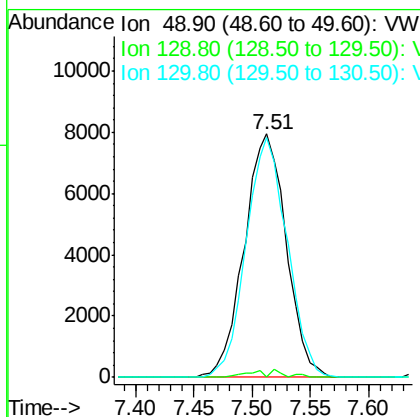
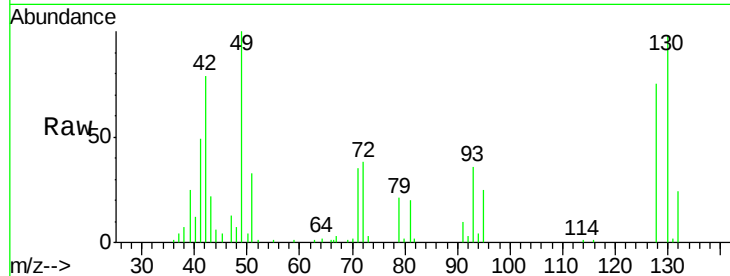
#28
 Bromochloromethane
 Concen: 58.970 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

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

Tgt Ion: 49 Resp: 19878
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 2.6
 130 96.4 75.9 113.9

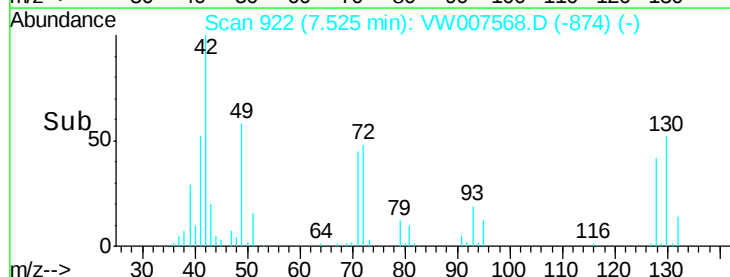
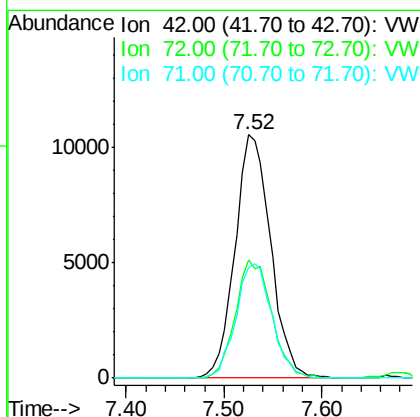
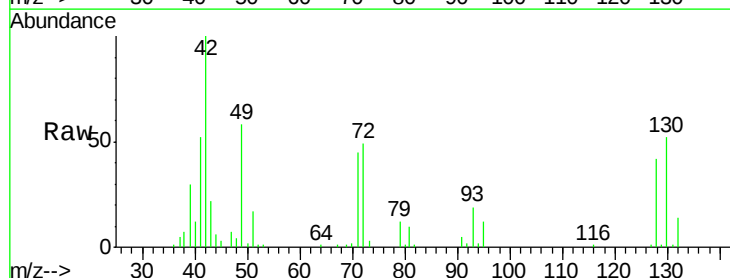
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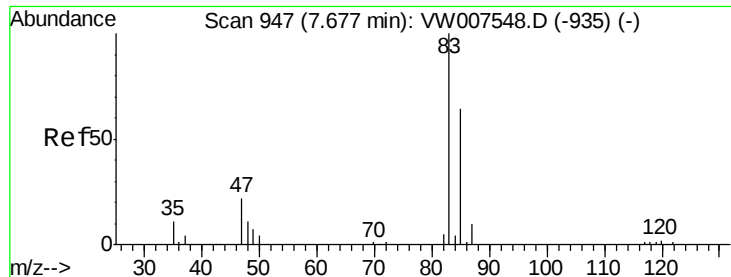
apatel
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#29
 Tetrahydrofuran
 Concen: 349.334 ug/l
 RT: 7.52 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion: 42 Resp: 26691
 Ion Ratio Lower Upper
 42 100
 72 49.2 38.2 57.4
 71 47.5 35.5 53.3





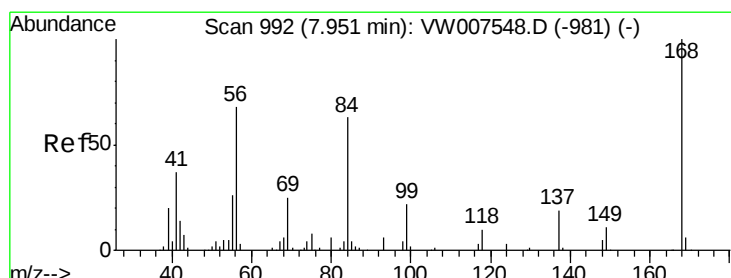
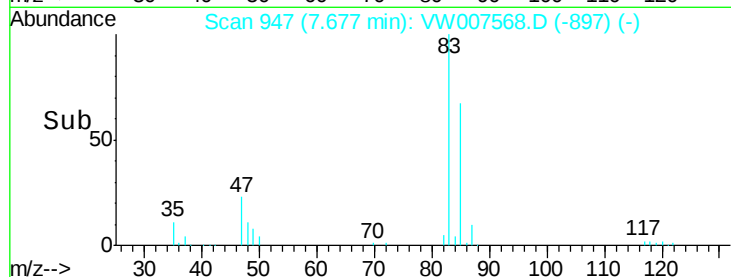
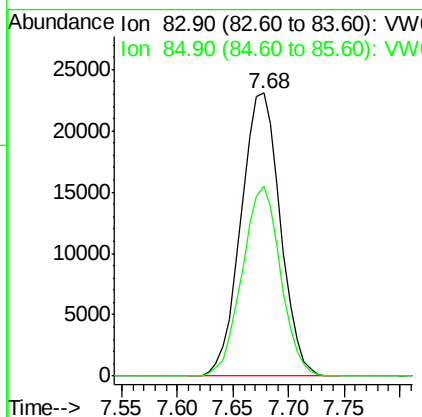
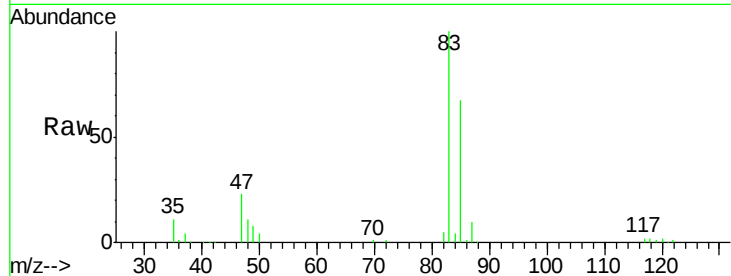
#30
Chloroform
Concen: 58.174 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

Tgt Ion: 83 Resp: 56733
Ion Ratio Lower Upper
83 100
85 67.2 51.8 77.8

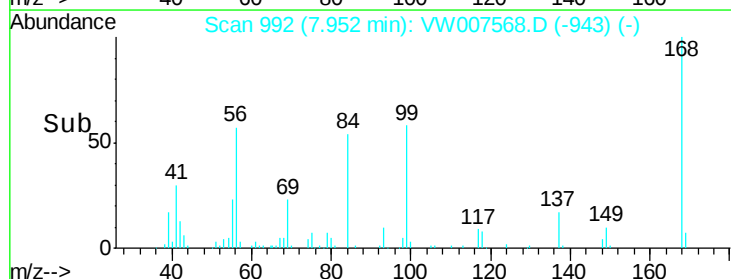
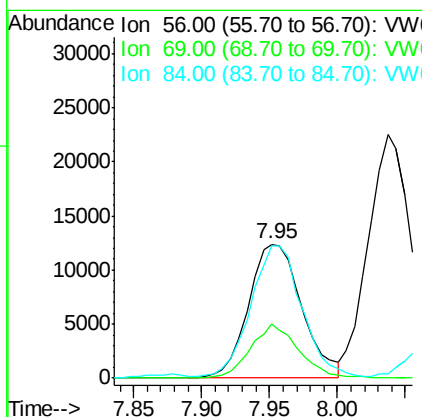
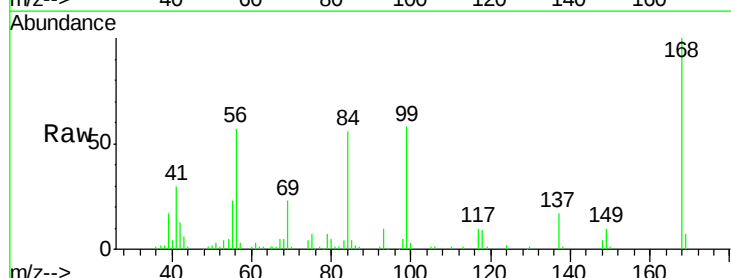
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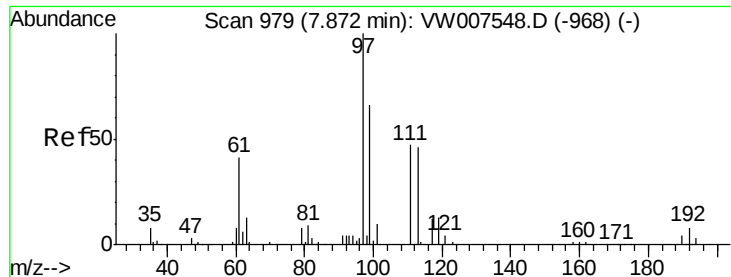
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#31
Cyclohexane
Concen: 41.331 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion: 56 Resp: 33983
Ion Ratio Lower Upper
56 100
69 40.5 28.9 43.3
84 97.0 71.8 107.6





#32

1,1,1-Trichloroethane

Concen: 55.428 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

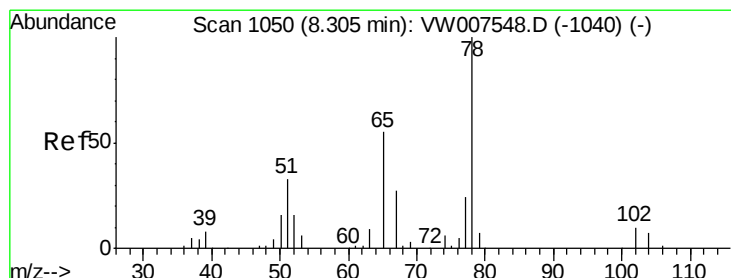
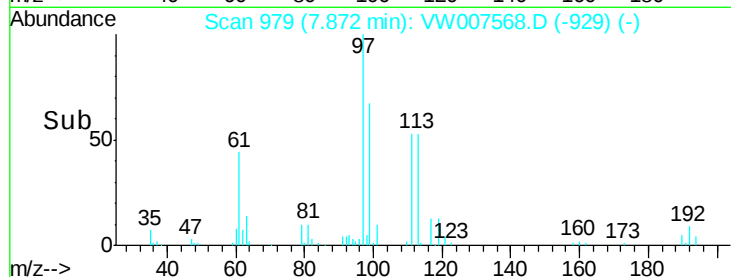
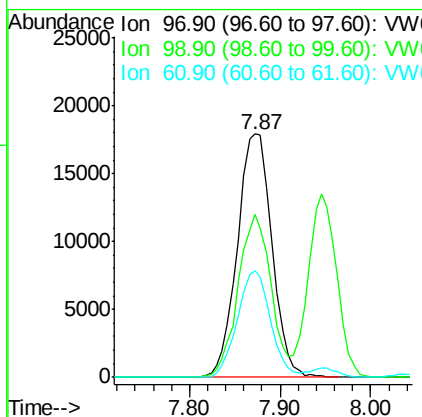
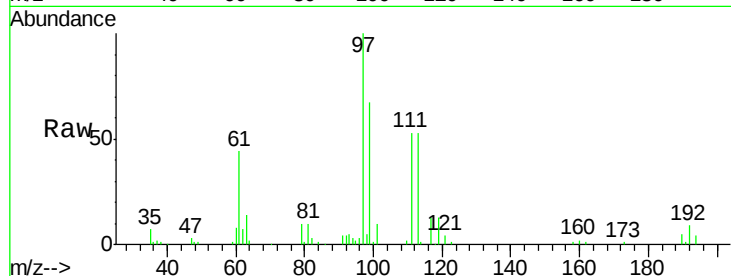
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:	97	Resp:	47403
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.1	76.7
61	41.7	33.2	49.8

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#33

1,2-Dichloroethane-d4

Concen: 61.715 ug/l

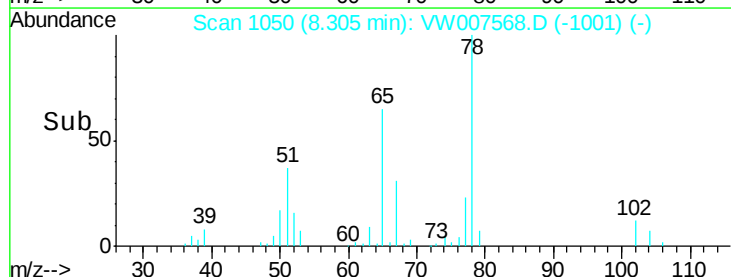
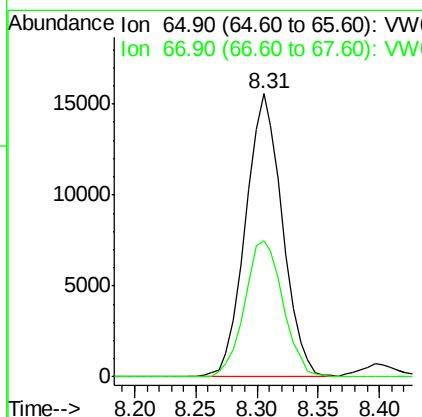
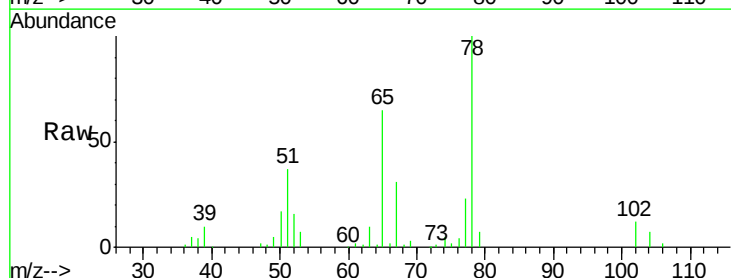
RT: 8.31 min Scan# 1050

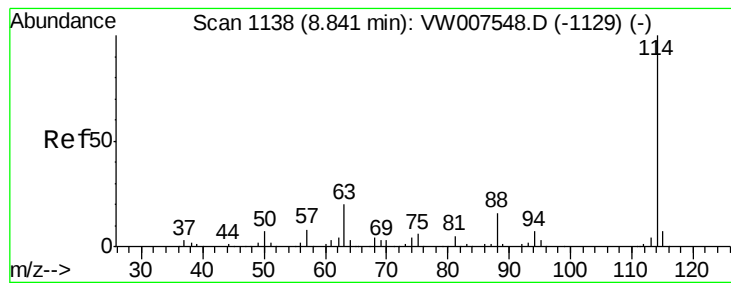
Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Tgt Ion:	65	Resp:	32664
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	101.6





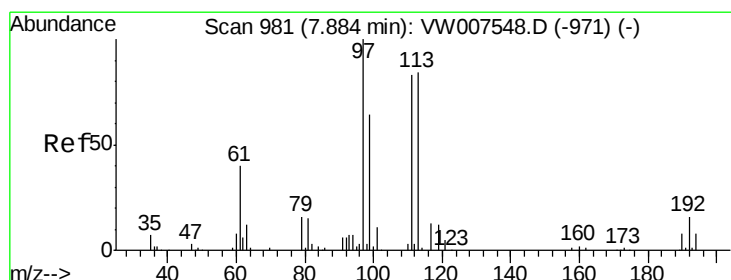
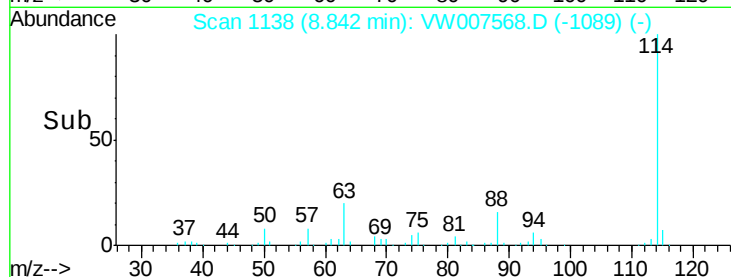
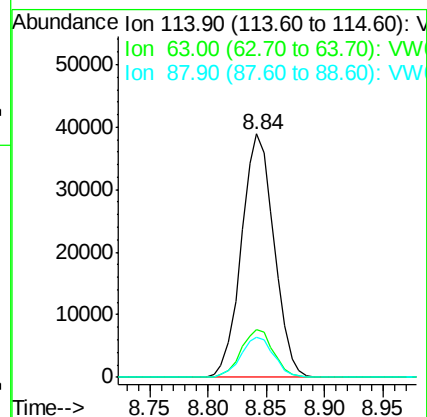
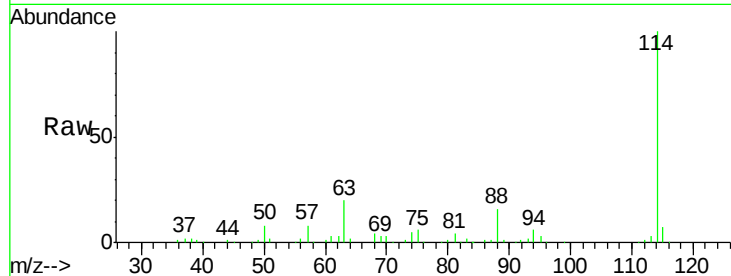
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	19.8	0.0	39.6
88	16.3	0.0	31.4

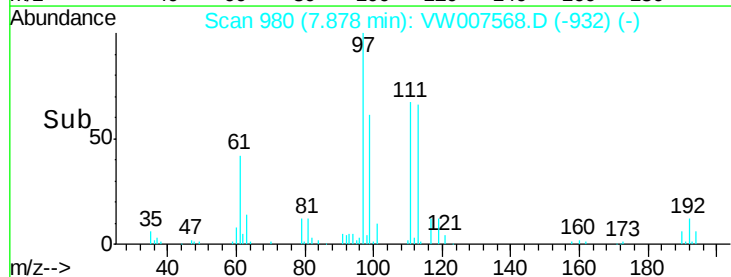
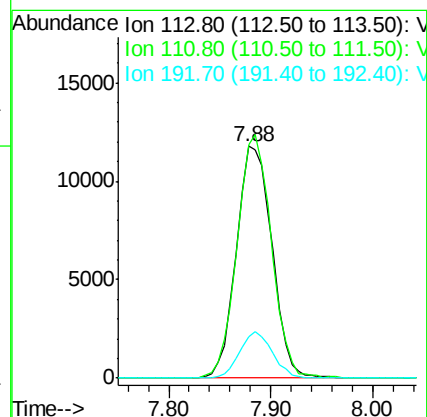
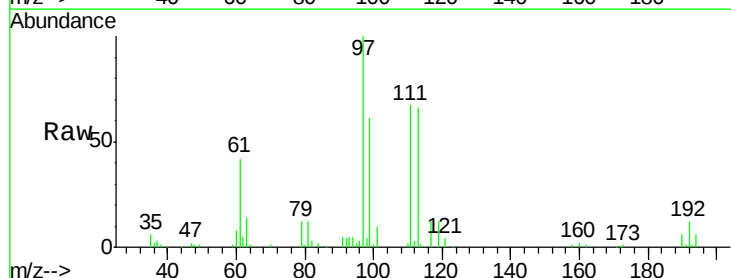
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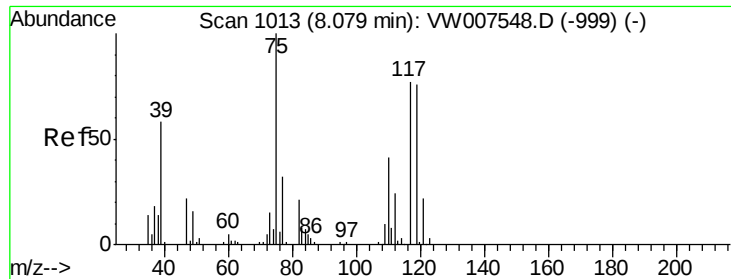
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#35
 Dibromofluoromethane
 Concen: 61.856 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	101.1	81.1	121.7
192	18.3	14.6	21.8





#36

1,1-Dichloropropene

Concen: 51.564 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

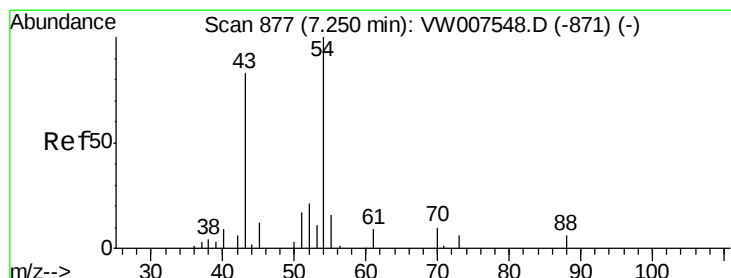
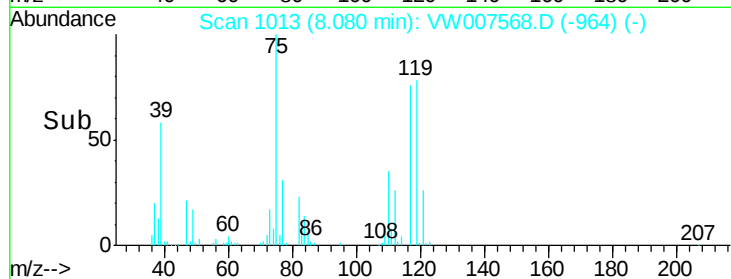
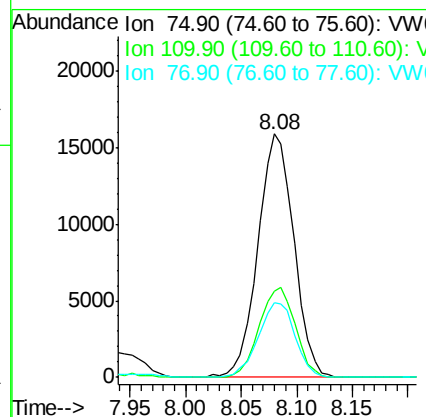
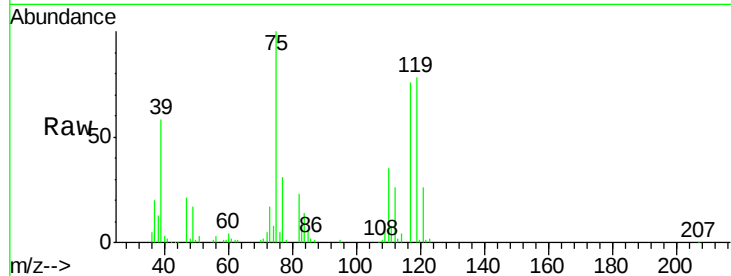
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:	75	Resp:	35808
Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.5	55.5
77	31.5	25.6	38.4

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#37

Ethyl Acetate

Concen: 128.338 ug/l

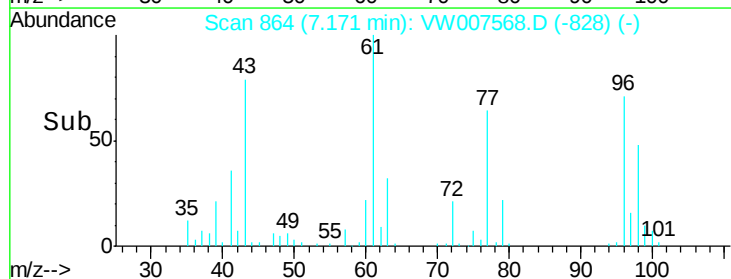
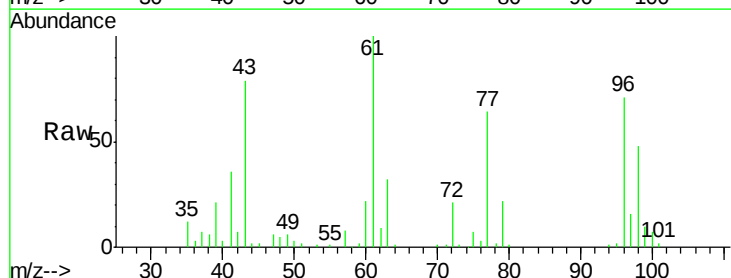
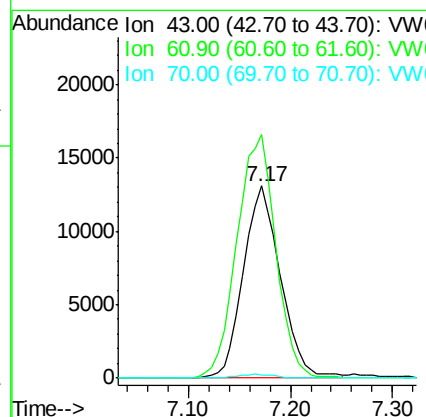
RT: 7.17 min Scan# 864

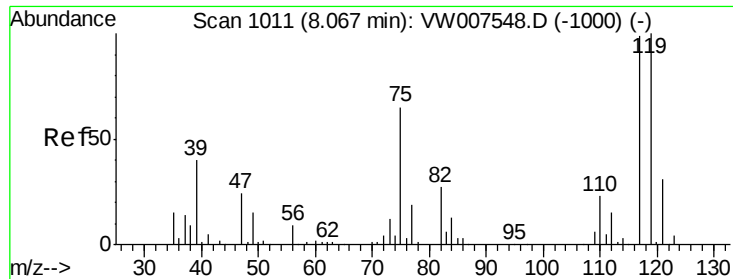
Delta R.T. -0.08 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Tgt Ion:	43	Resp:	33148
Ion	Ratio	Lower	Upper
43	100		
61	132.3	12.1	18.1#
70	1.9	10.0	15.0#





#38

Carbon Tetrachloride

Concen: 56.005 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW007568.D

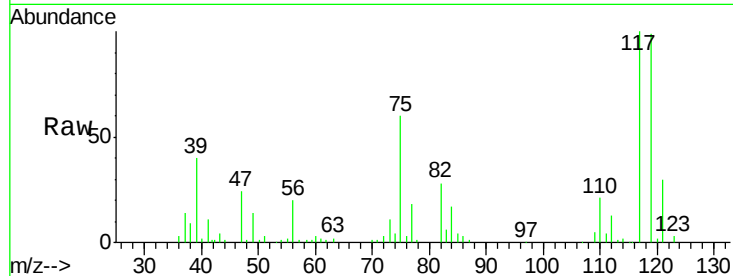
Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

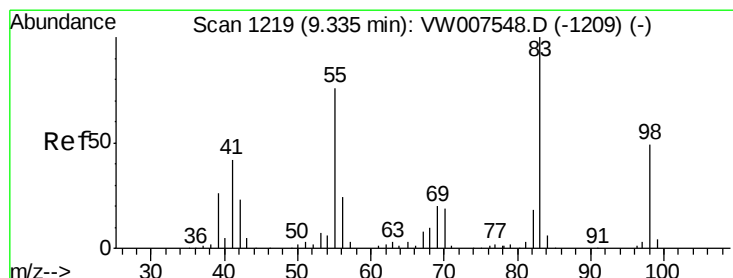
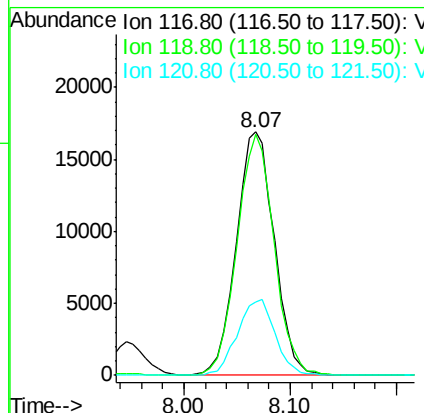
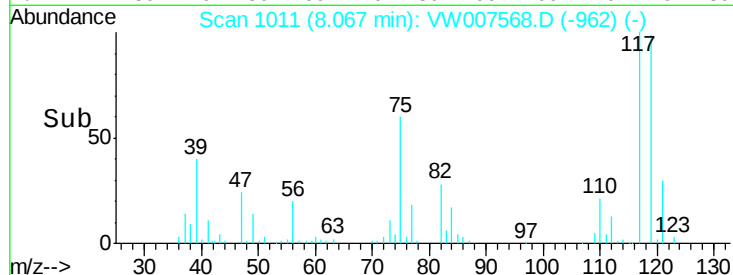
P001-SS016-0006-01MS



Tgt Ion:	117	Resp:	42318
Ion	Ratio	Lower	Upper
117	100		
119	99.1	74.3	111.5
121	30.3	24.3	36.5

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#39

Methylcyclohexane

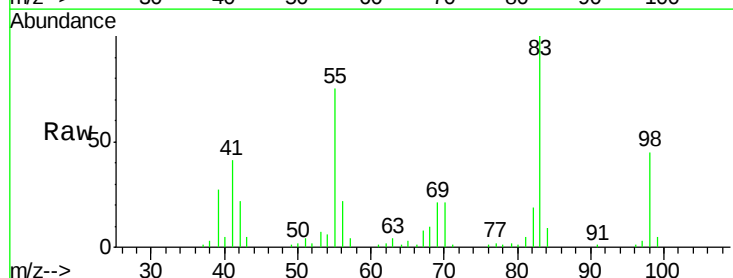
Concen: 38.108 ug/l

RT: 9.34 min Scan# 1219

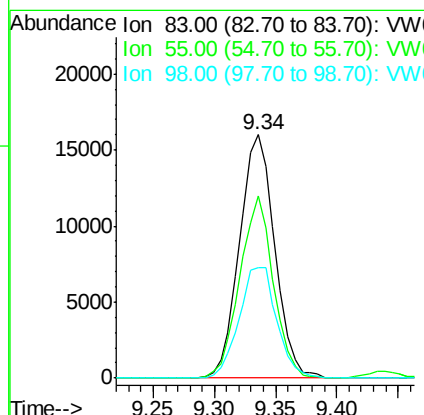
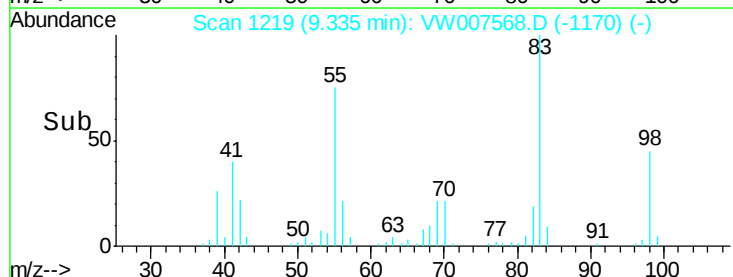
Delta R.T. 0.00 min

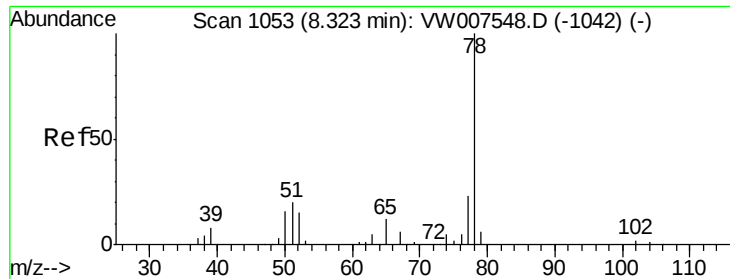
Lab File: VW007568.D

Acq: 15 Dec 2018 07:32



Tgt Ion:	83	Resp:	32045
Ion	Ratio	Lower	Upper
83	100		
55	74.6	62.8	94.2
98	45.2	42.2	63.2





#40

Benzene

Concen: 58.287 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion: 78 Resp: 112330

Ion Ratio Lower Upper

78 100

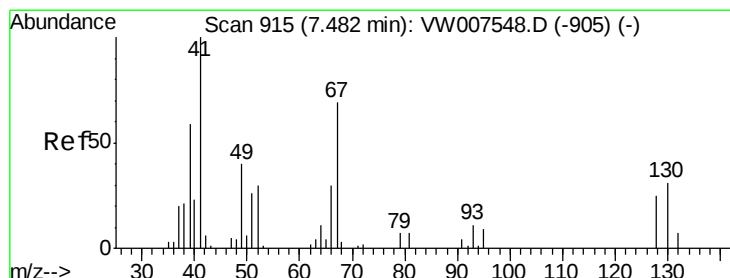
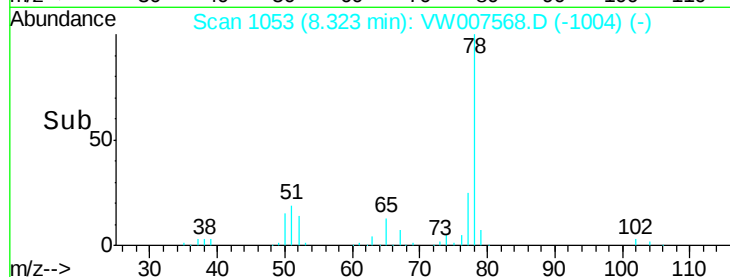
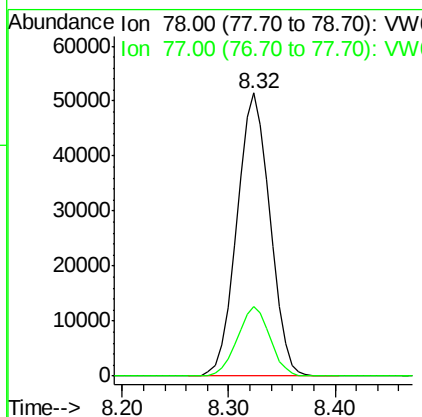
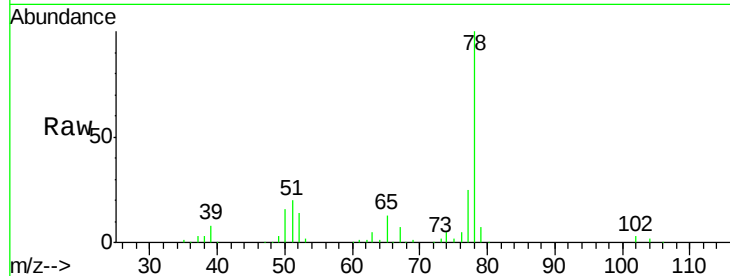
77 24.6 18.8 28.2

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#41

Methacrylonitrile

Concen: 18.085 ug/l m

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Tgt Ion: 41 Resp: 2660

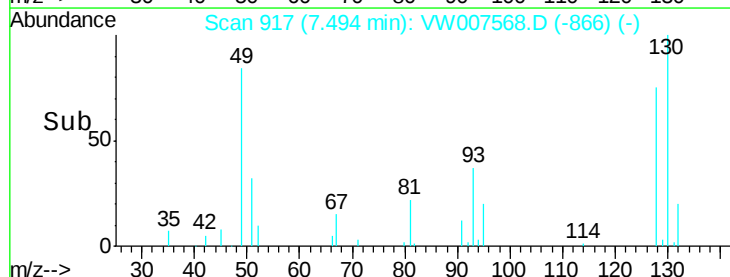
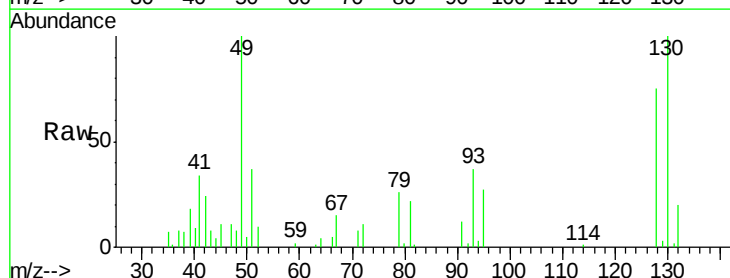
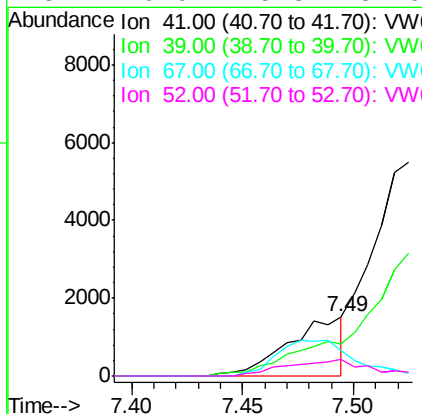
Ion Ratio Lower Upper

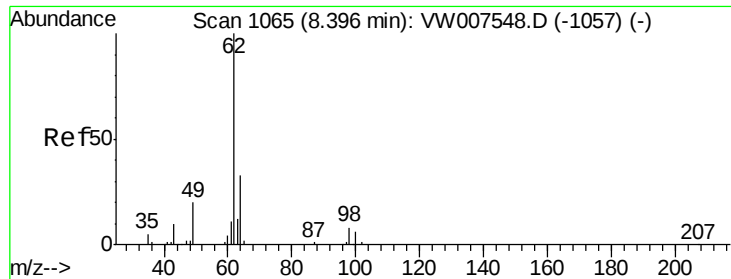
41 100

39 368.8 52.2 78.2#

67 0.0 60.5 90.7#

52 0.0 25.3 37.9#





#42

1,2-Dichloroethane

Concen: 66.888 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

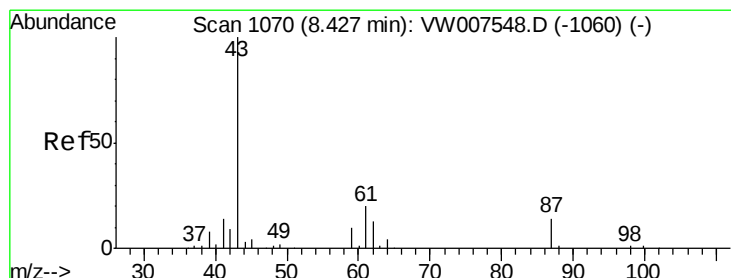
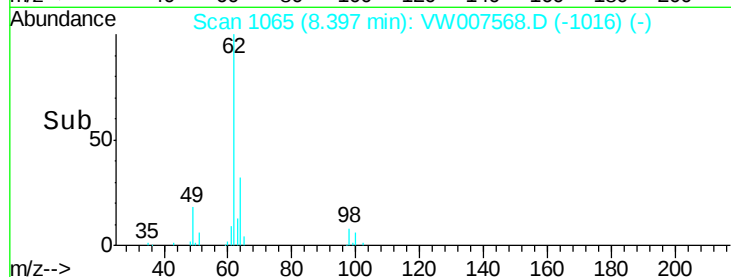
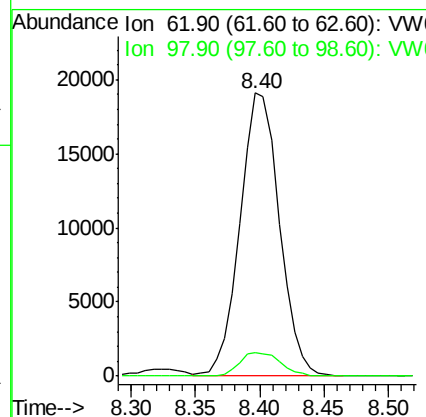
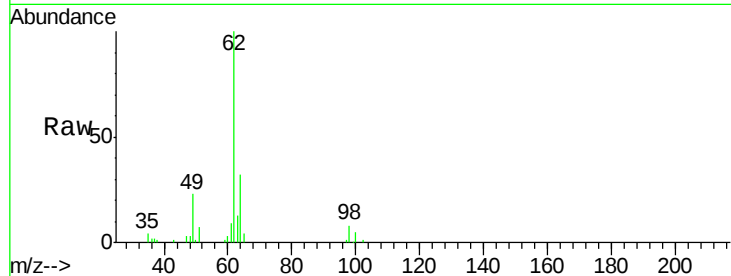
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6

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#43

Isopropyl Acetate

Concen: 4.353 ug/l

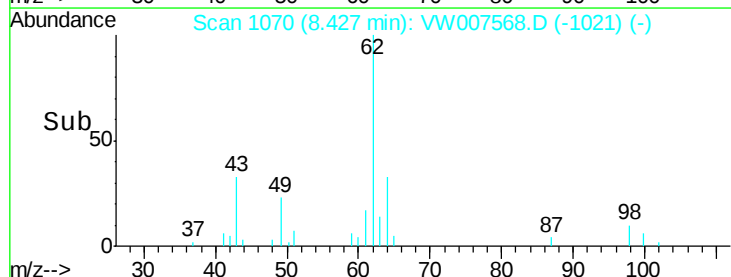
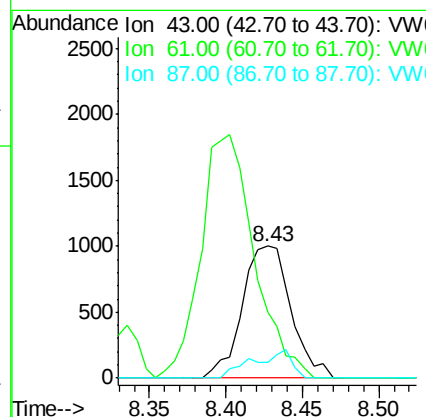
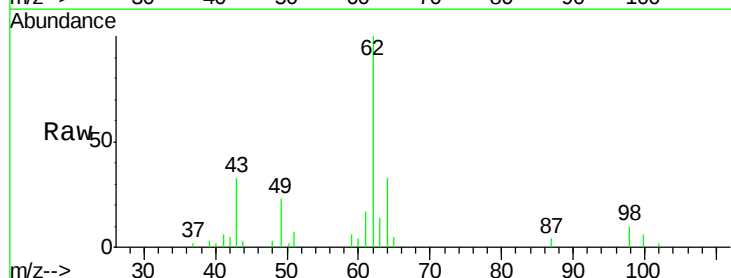
RT: 8.43 min Scan# 1070

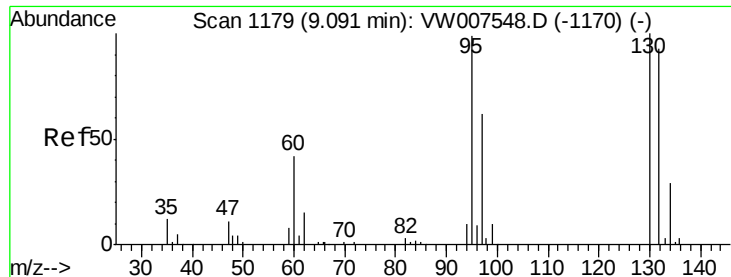
Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.3	37.9#
87	17.0	11.8	17.8





#44

Trichloroethene

Concen: 51.540 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:130 Resp: 28364

Ion Ratio Lower Upper

130 100

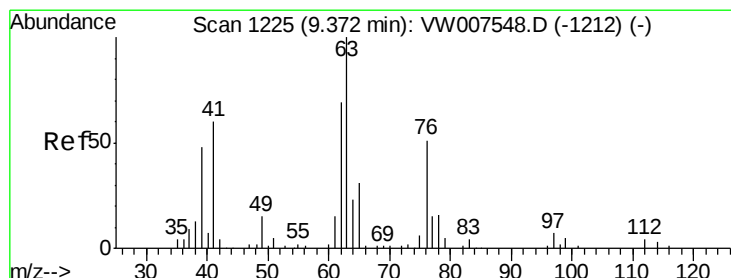
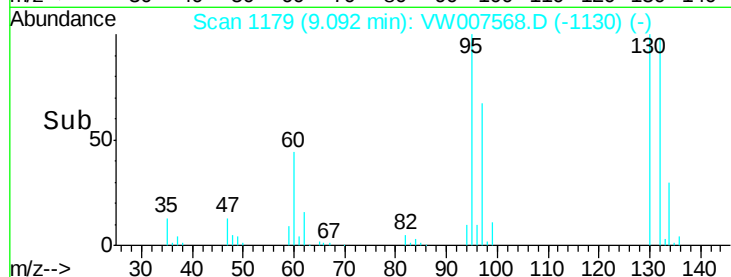
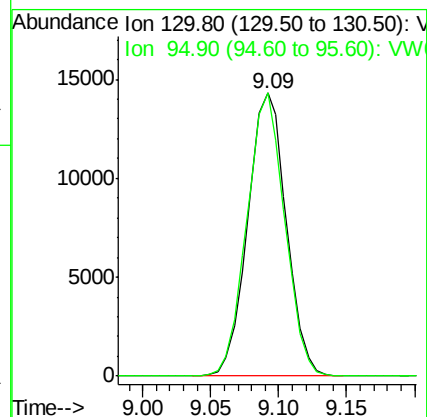
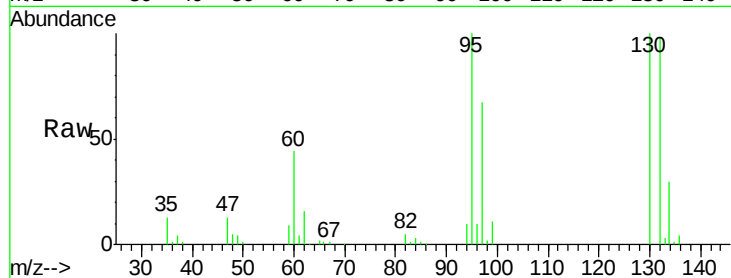
95 100.1 0.0 193.2

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#45

1,2-Dichloropropane

Concen: 61.535 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW007568.D

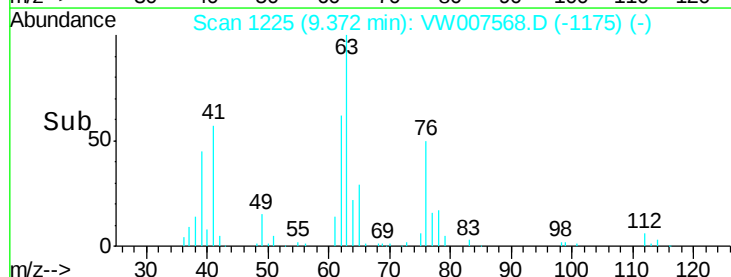
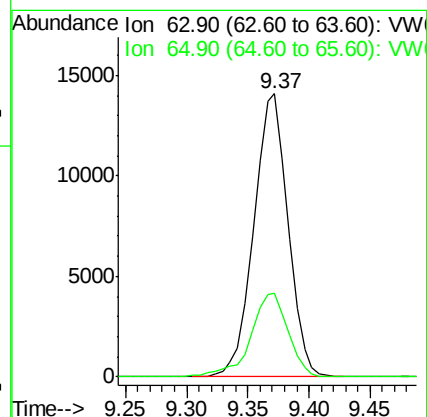
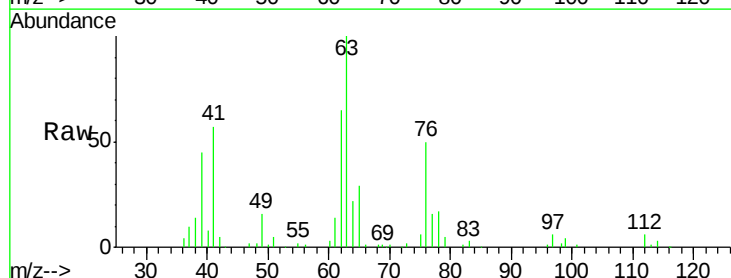
Acq: 15 Dec 2018 07:32

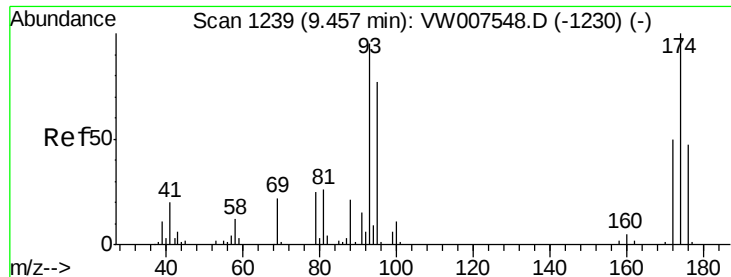
Tgt Ion: 63 Resp: 27443

Ion Ratio Lower Upper

63 100

65 29.5 24.4 36.6





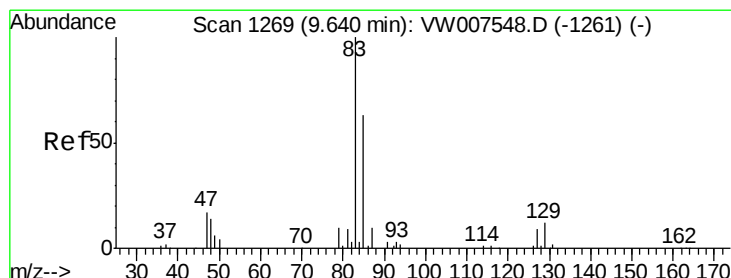
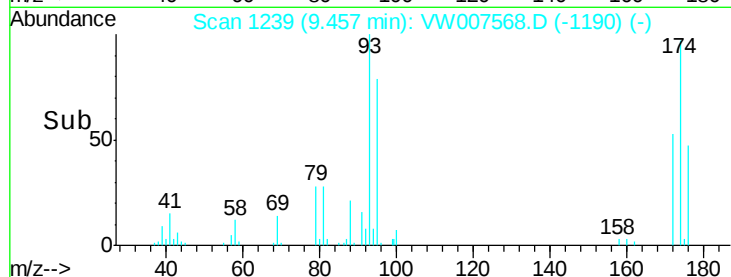
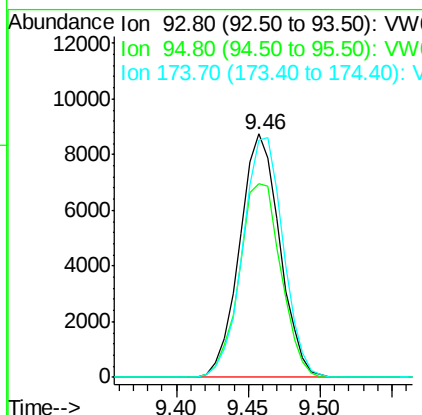
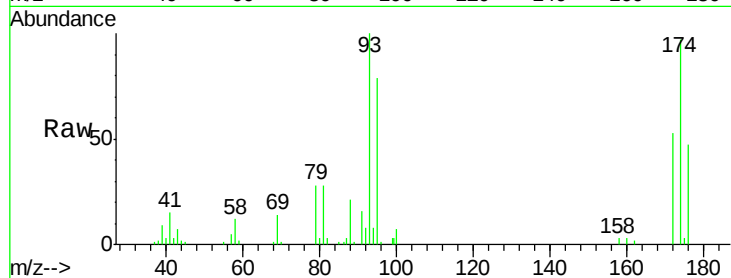
#46
Dibromomethane
Concen: 66.591 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	16865		
95	82.5	68.0	102.0	
174	99.3	83.2	124.8	

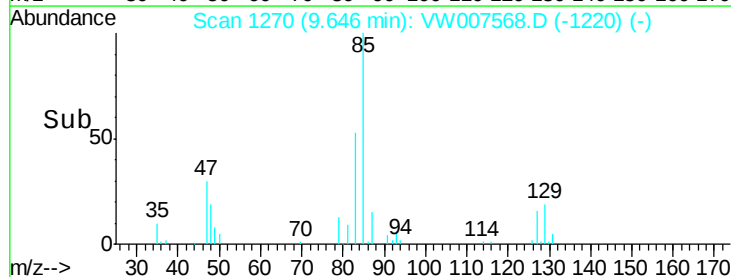
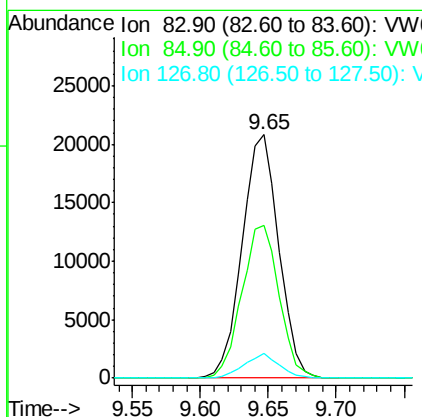
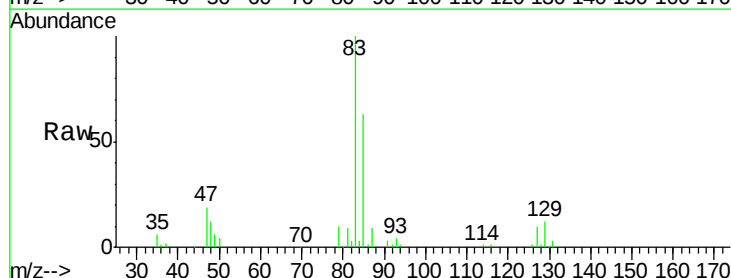
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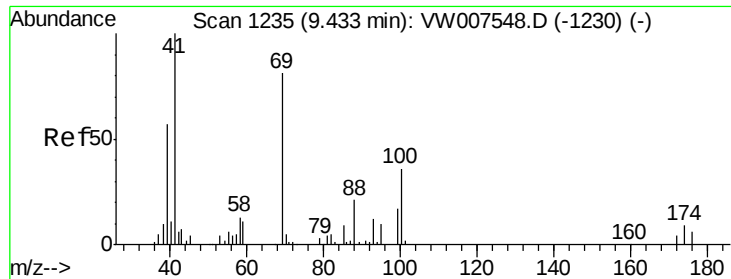
apatel
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#47
Bromodichloromethane
Concen: 58.942 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	39156		
85	62.7	47.6	71.4	
127	10.0	6.7	10.1	





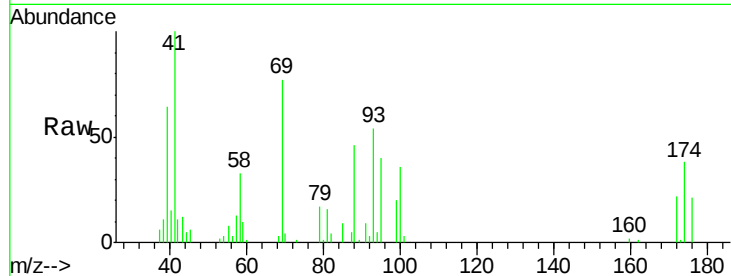
#48
Methyl methacrylate
Concen: 37.840 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

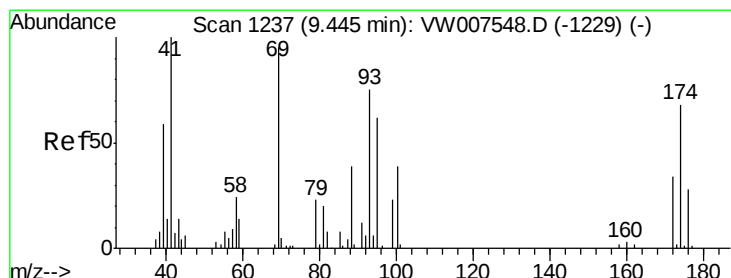
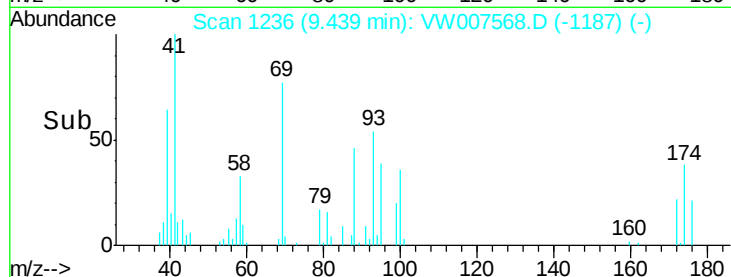
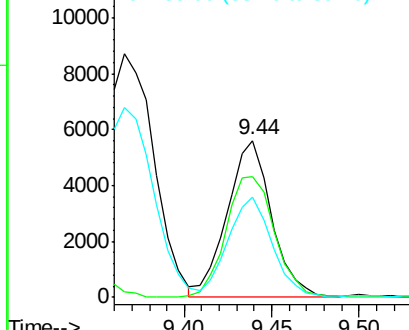
Tgt Ion: 41 Resp: 9915
Ion Ratio Lower Upper
41 100
69 84.4 69.8 104.8
39 63.3 50.9 76.3

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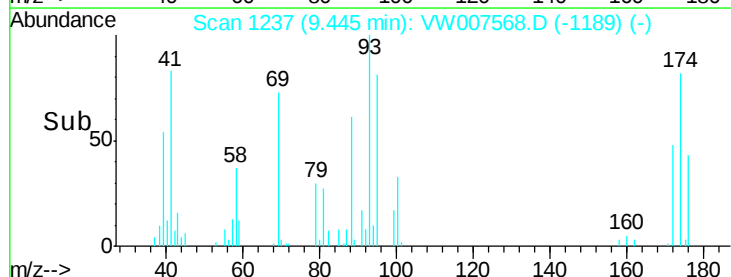
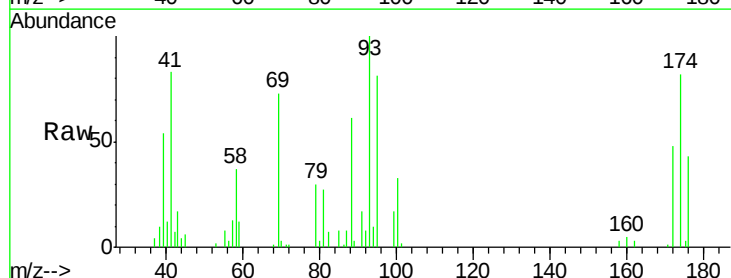
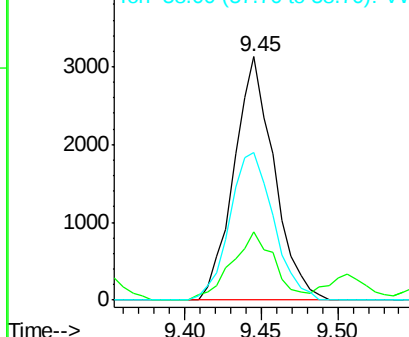
Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

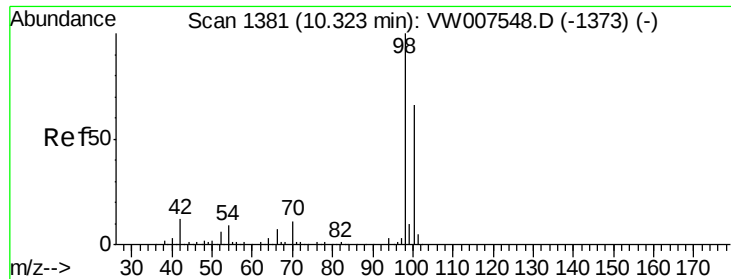


#49
1,4-Dioxane
Concen: 1386.351 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion: 88 Resp: 5697
Ion Ratio Lower Upper
88 100
43 30.1 25.0 37.4
58 66.4 51.4 77.2

Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 50.860 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion: 98 Resp: 87876

Ion Ratio Lower Upper

98 100

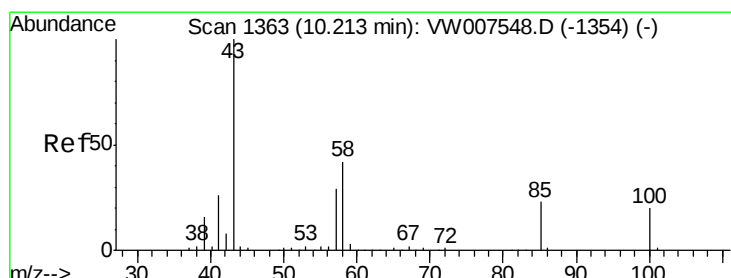
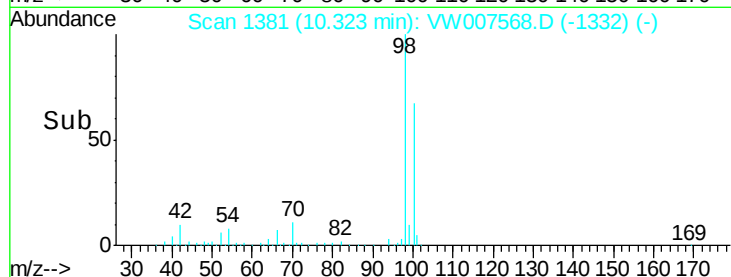
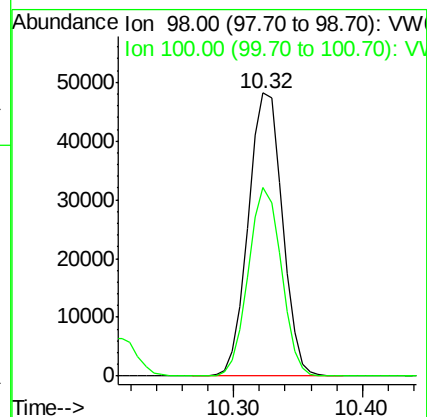
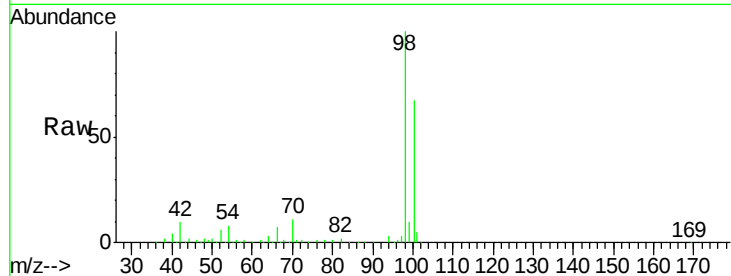
100 64.5 51.8 77.8

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#51

4-Methyl-2-Pentanone

Concen: 259.795 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007568.D

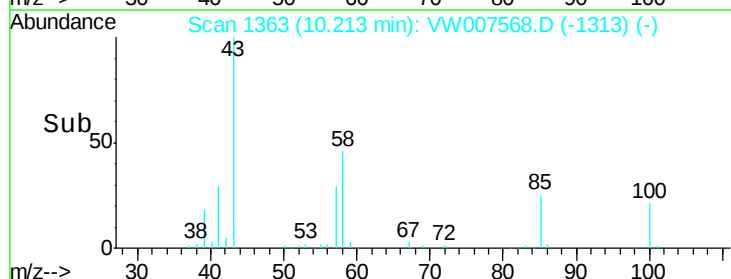
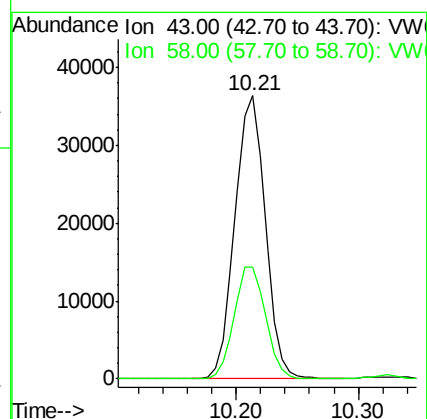
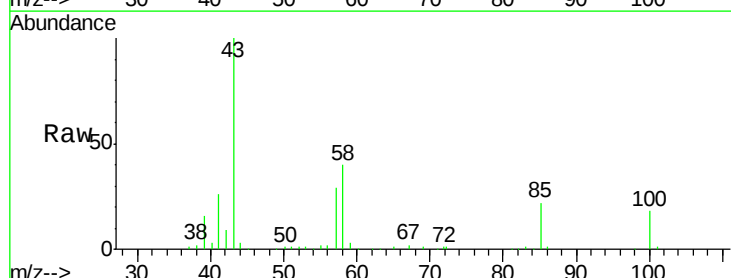
Acq: 15 Dec 2018 07:32

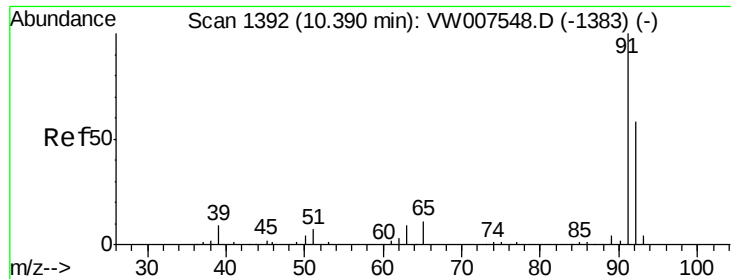
Tgt Ion: 43 Resp: 62628

Ion Ratio Lower Upper

43 100

58 40.8 33.1 49.7





#52

Toluene

Concen: 50.961 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion: 92 Resp: 63557

Ion Ratio Lower Upper

92 100

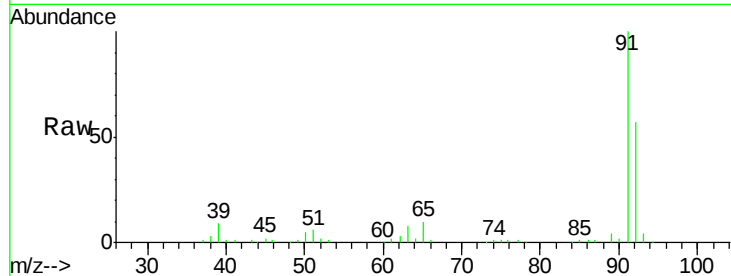
91 171.9 136.2 204.2

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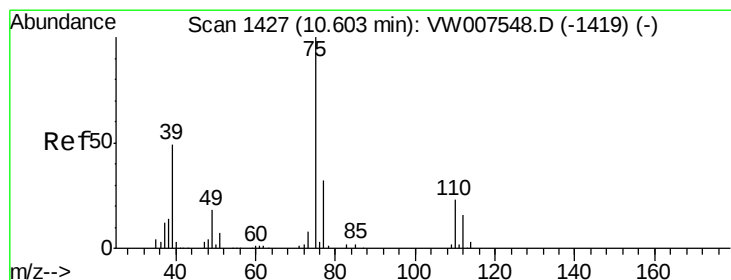
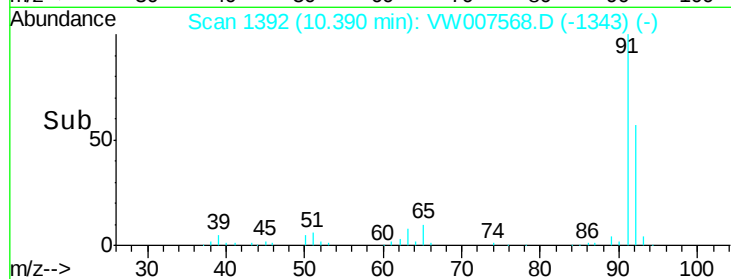
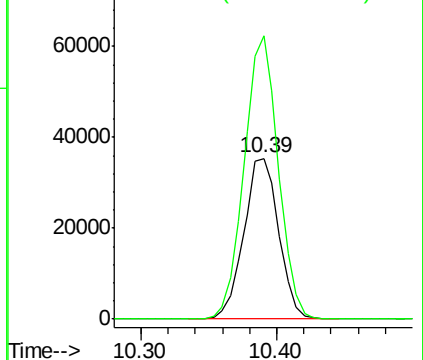
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Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#53

t-1,3-Dichloropropene

Concen: 40.873 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW007568.D

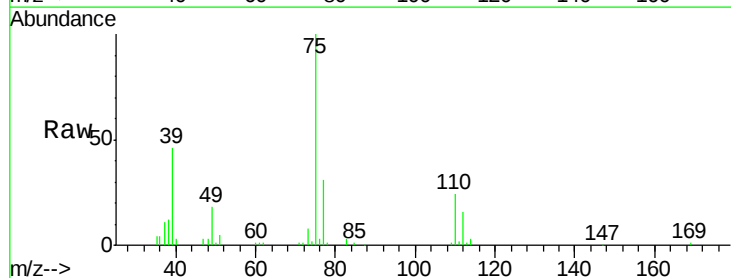
Acq: 15 Dec 2018 07:32

Tgt Ion: 75 Resp: 26360

Ion Ratio Lower Upper

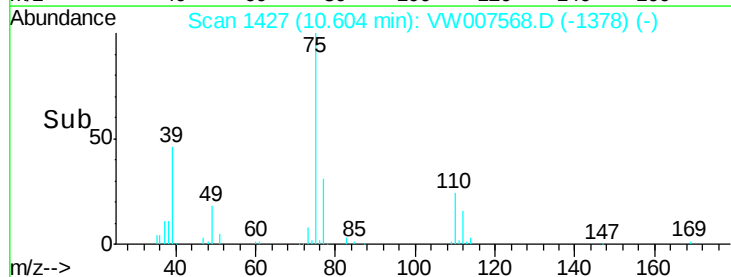
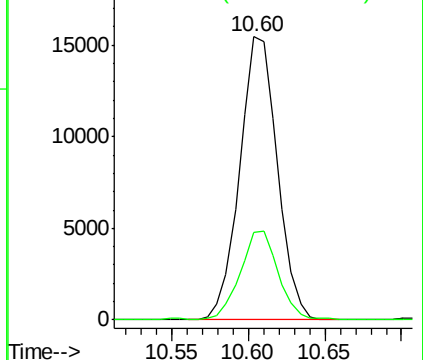
75 100

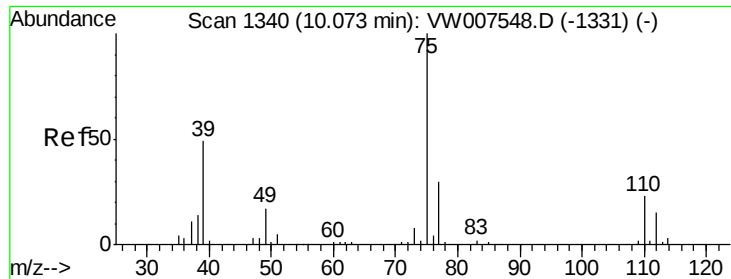
77 30.7 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW





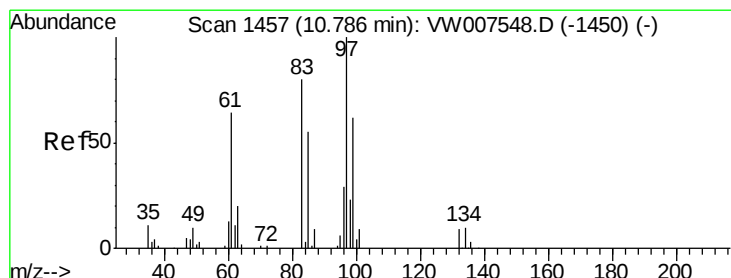
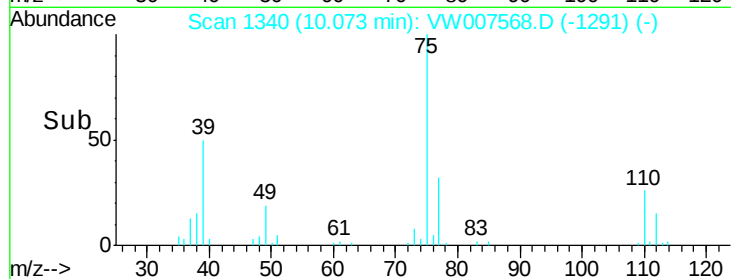
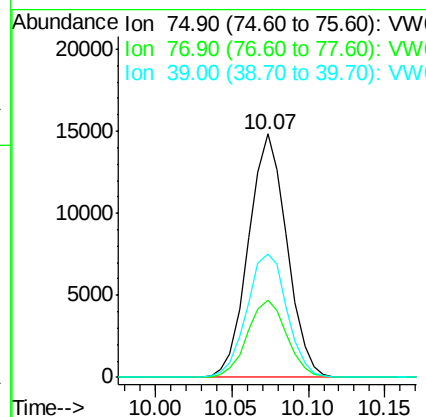
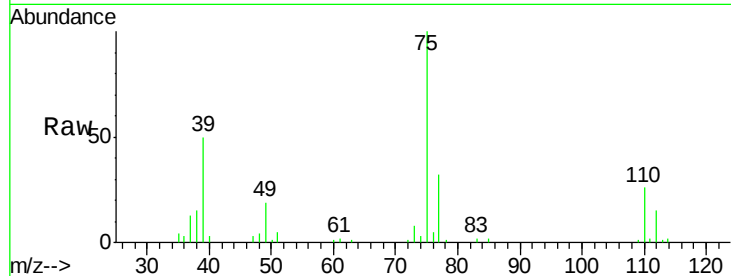
#54
 cis-1,3-Dichloropropene
 Concen: 34.747 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

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

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	25906		
77	31.7	24.8	37.2	
39	50.4	40.9	61.3	

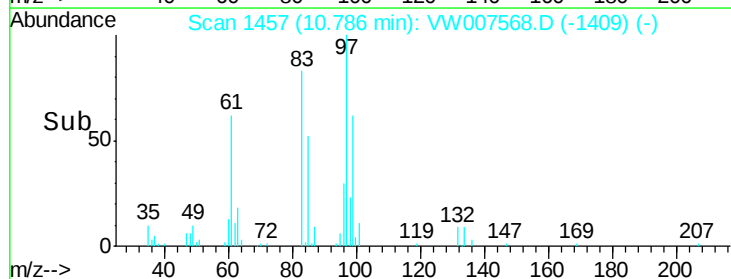
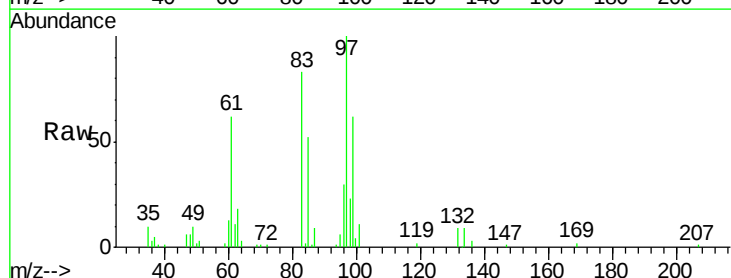
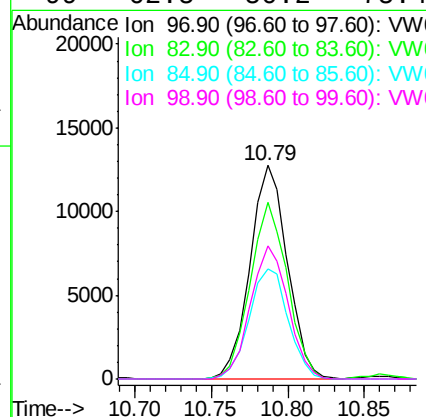
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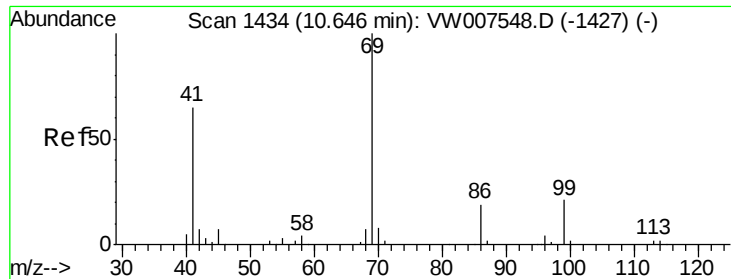
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#55
 1,1,2-Trichloroethane
 Concen: 63.120 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	21757		
83	82.9	62.1	93.1	
85	51.6	44.2	66.4	
99	62.5	50.2	75.4	





#56

Ethyl methacrylate

Concen: 3.090 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

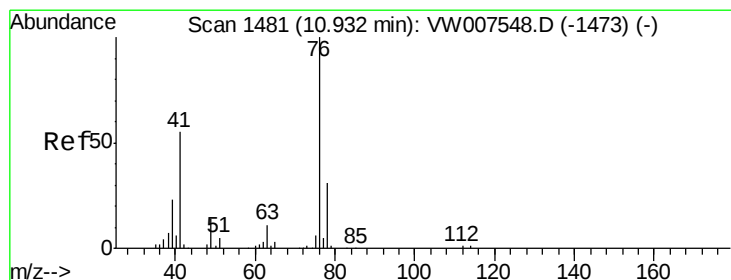
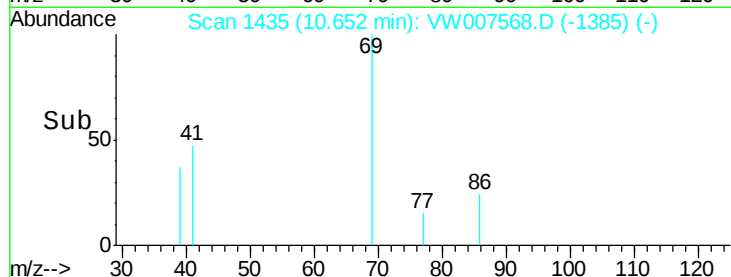
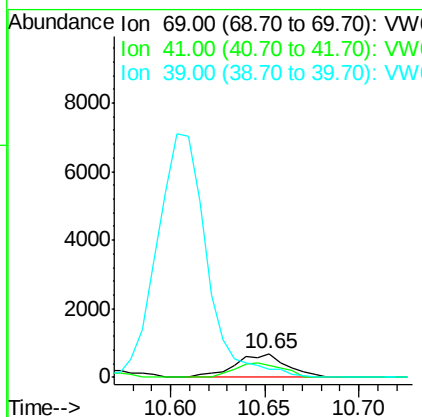
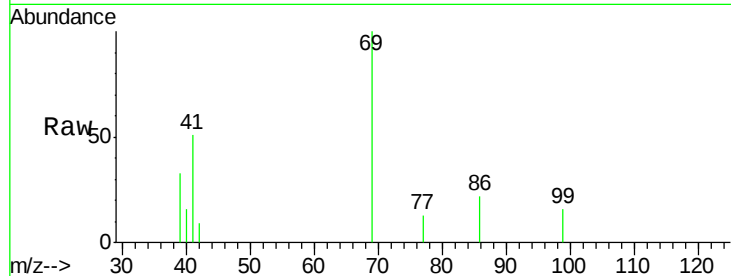
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:	69	Resp:	1280
Ion Ratio	Lower	Upper	
69	100		
41	55.9	51.0	76.6
39	0.0	30.8	46.2#

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#57

1,3-Dichloropropane

Concen: 63.870 ug/l

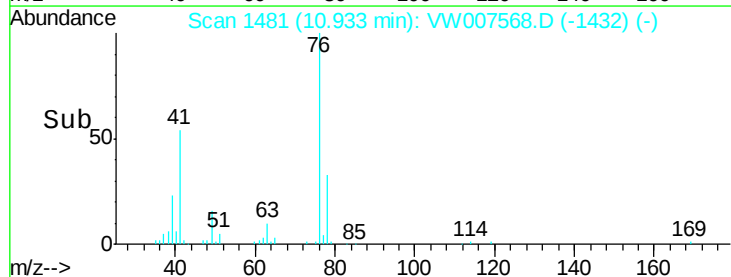
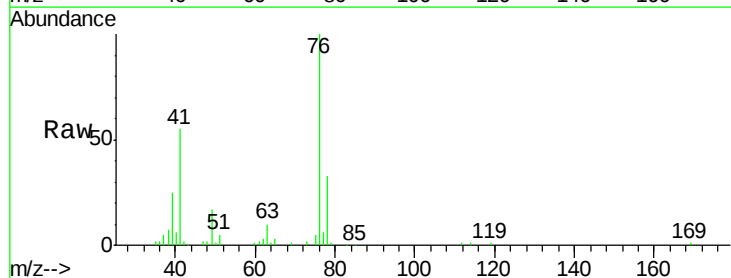
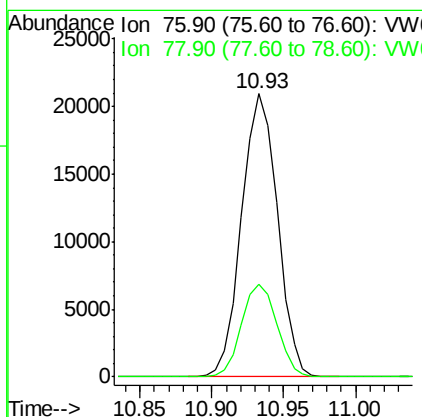
RT: 10.93 min Scan# 1481

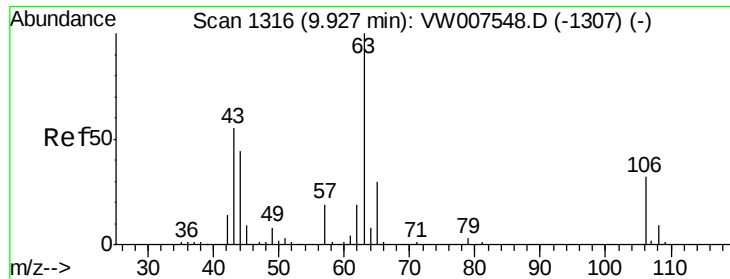
Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Tgt Ion:	76	Resp:	36135
Ion Ratio	Lower	Upper	
76	100		
78	32.4	26.2	39.4





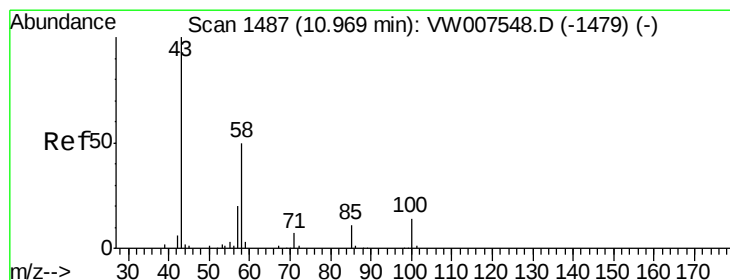
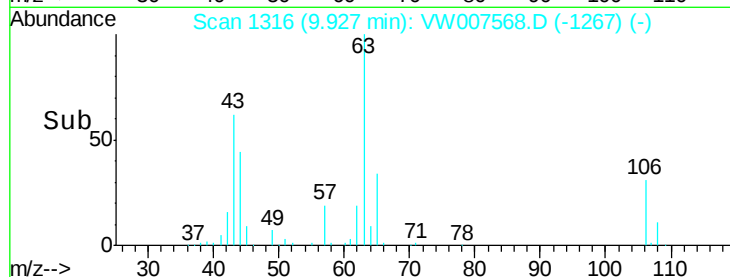
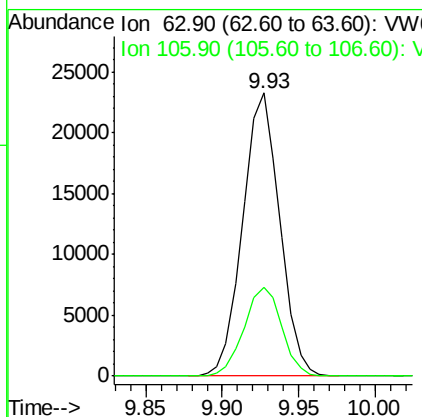
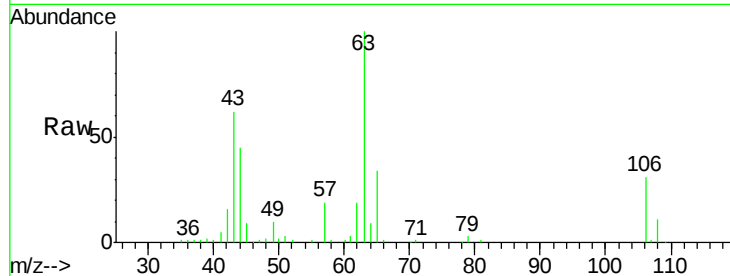
#58
2-Chloroethyl Vinyl ether
Concen: 205.249 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

Tgt Ion: 63 Resp: 39214
Ion Ratio Lower Upper
63 100
106 31.9 25.0 37.6

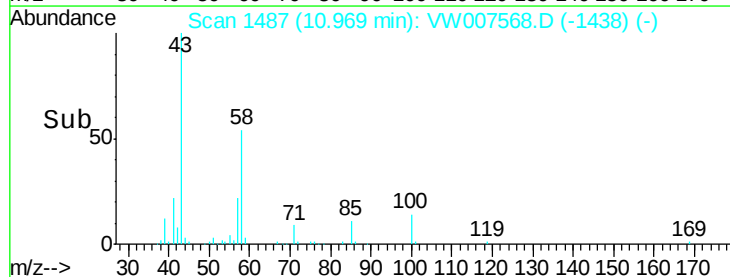
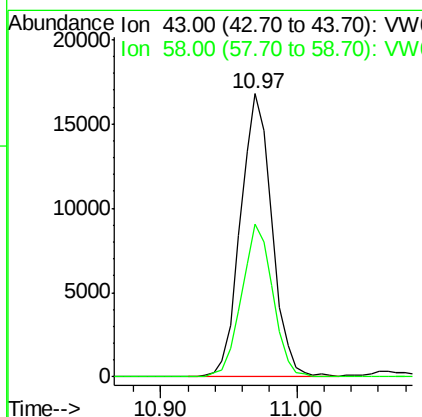
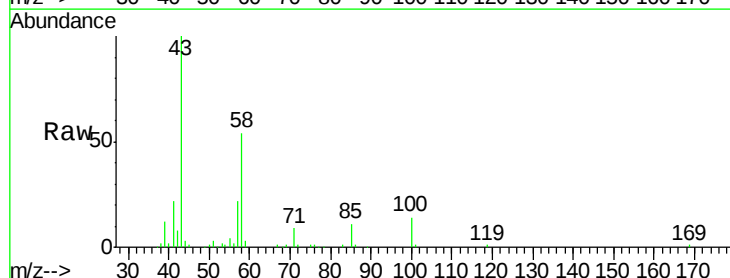
Manual Integrations
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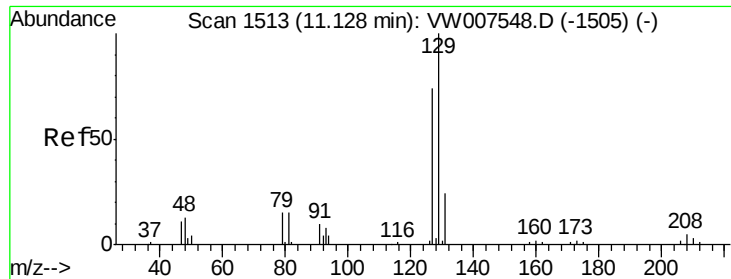
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#59
2-Hexanone
Concen: 168.517 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion: 43 Resp: 27088
Ion Ratio Lower Upper
43 100
58 53.4 27.1 81.3





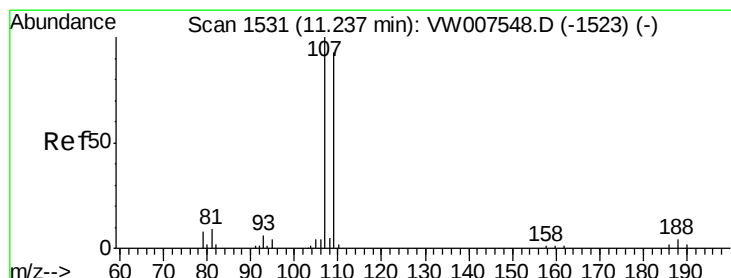
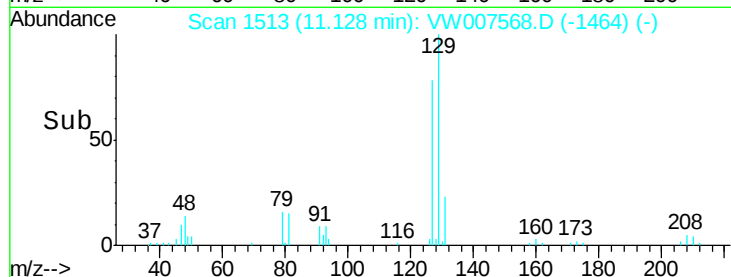
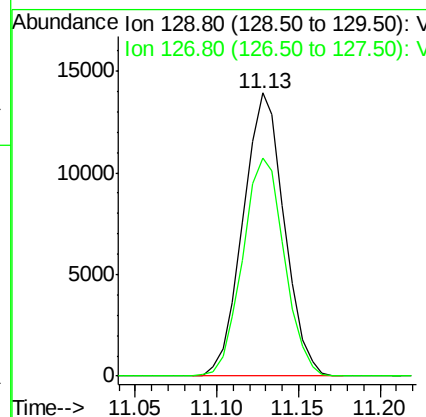
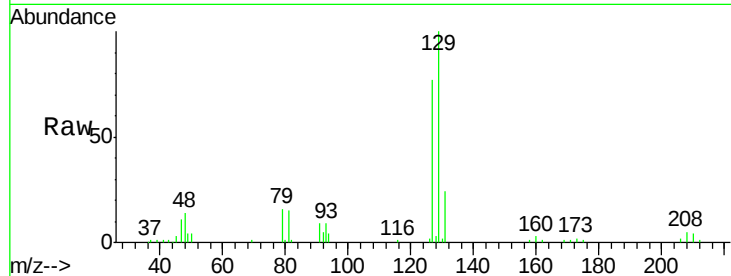
#60
 Dibromochloromethane
 Concen: 56.239 ug/l
 RT: 11.13 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

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

Tgt Ion:129 Resp: 24464
 Ion Ratio Lower Upper
 129 100
 127 78.0 38.1 114.3

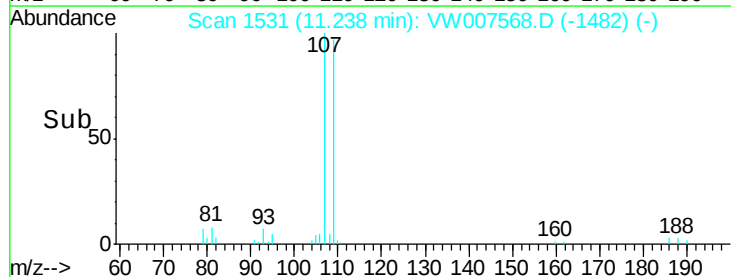
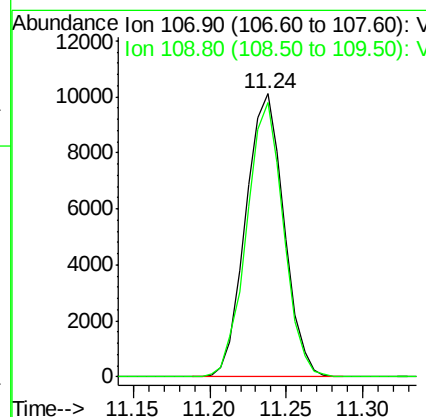
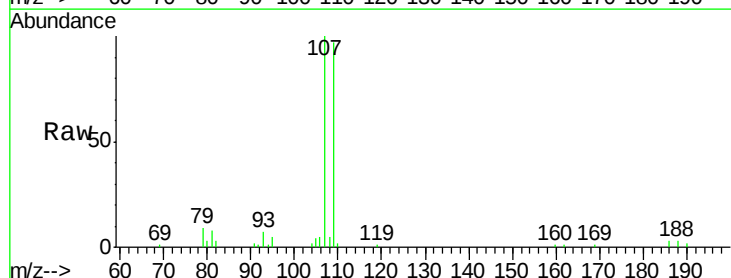
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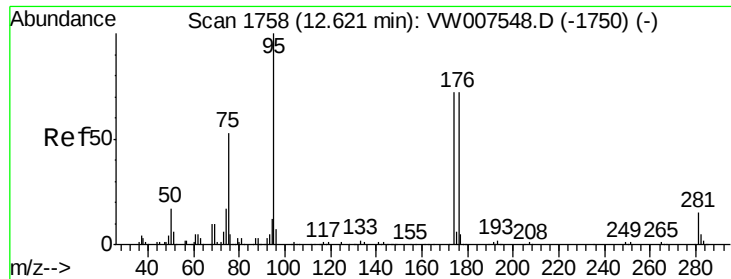
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#61
 1,2-Dibromoethane
 Concen: 51.616 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion:107 Resp: 17582
 Ion Ratio Lower Upper
 107 100
 109 93.3 79.1 118.7





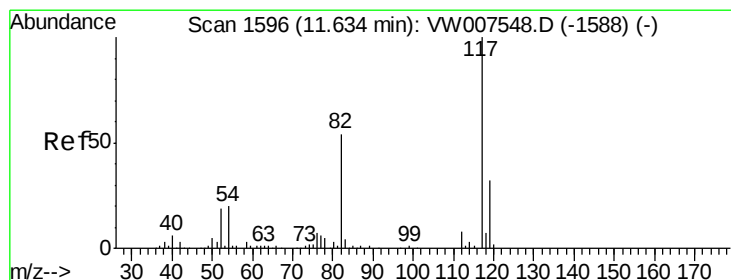
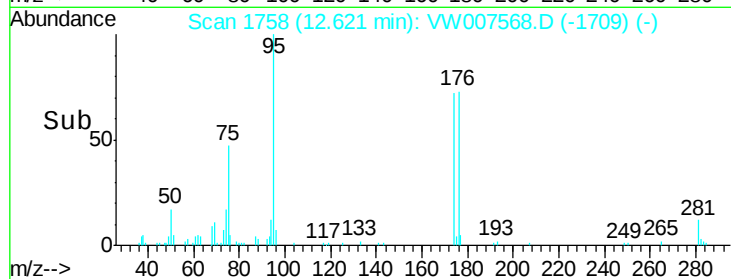
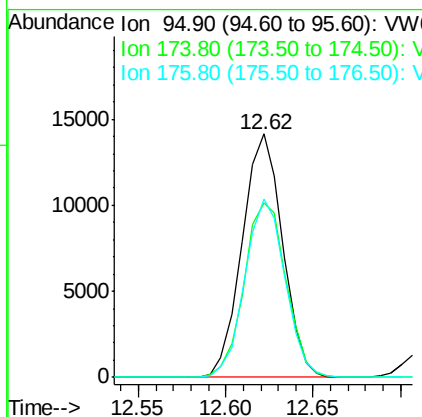
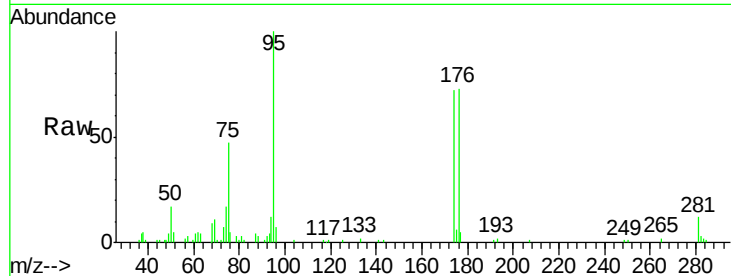
#62
4-Bromofluorobenzene
Concen: 35.659 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	22653		
174	74.7	0.0	147.2	
176	73.0	0.0	138.8	

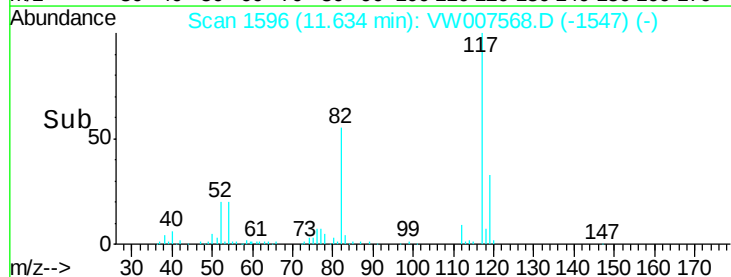
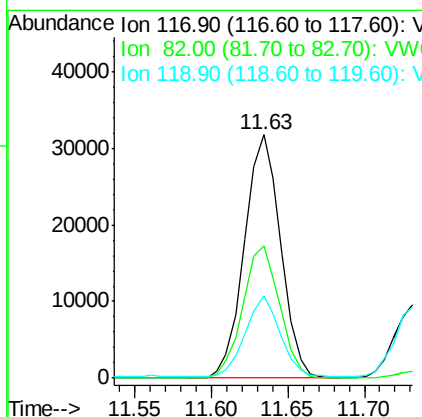
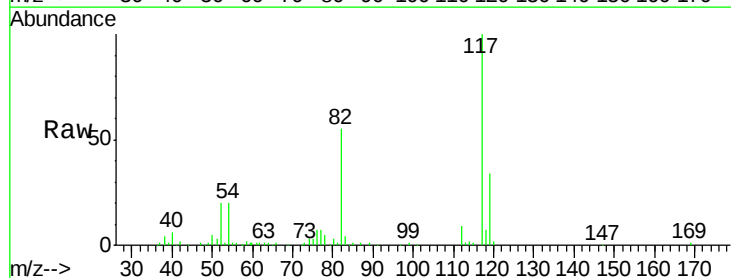
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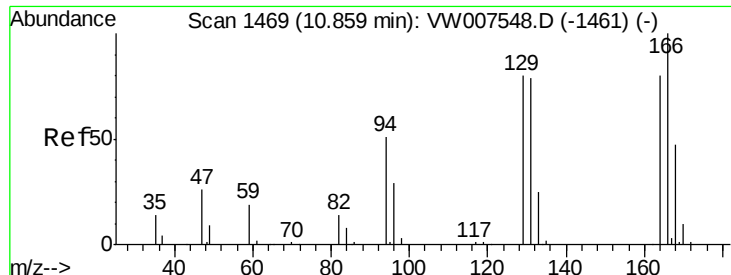
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52203		
82	54.5	42.3	63.5	
119	33.2	23.0	34.6	





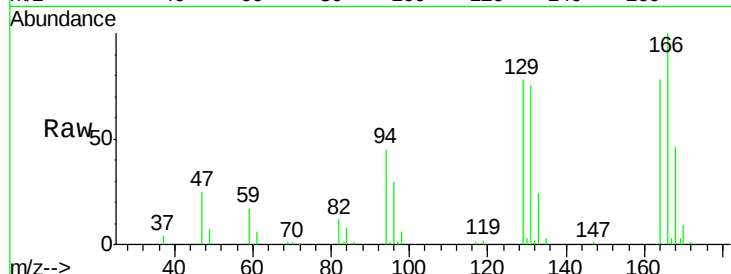
#64
Tetrachloroethene
Concen: 51.022 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	107.9	161.9
129	99.1	73.4	110.2
131	96.1	75.8	113.6

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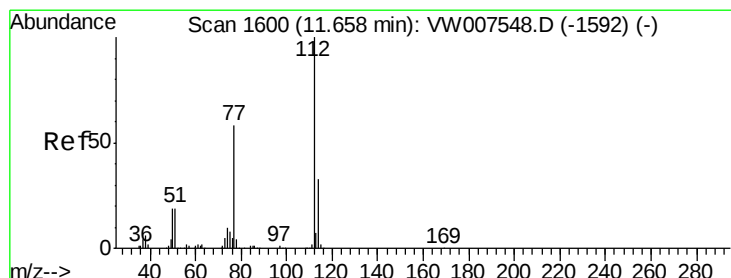
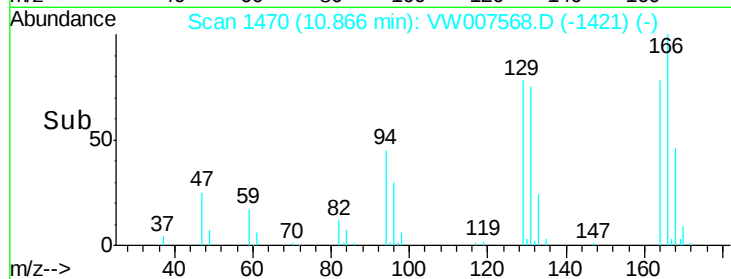
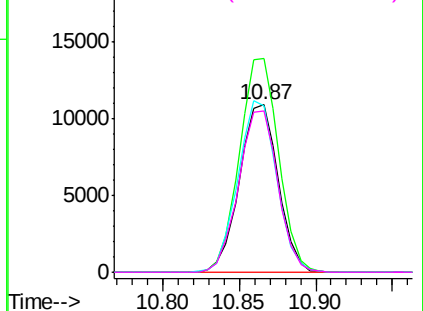
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

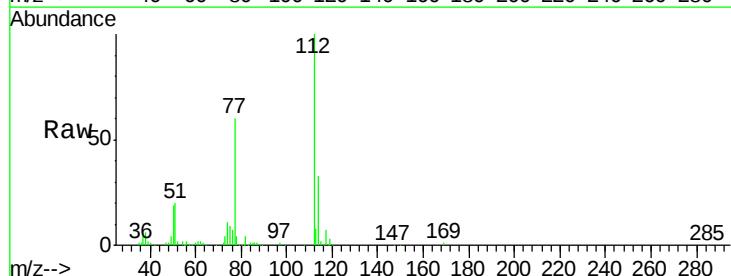
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 53.910 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

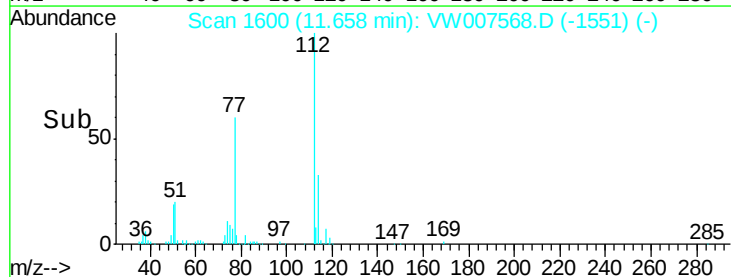
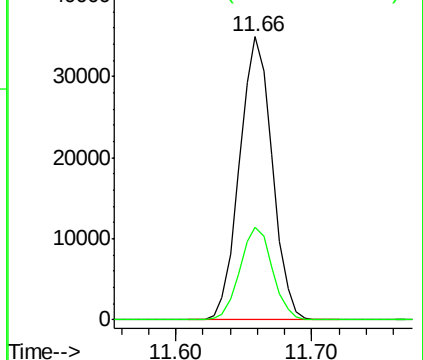
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.9	27.8	41.8

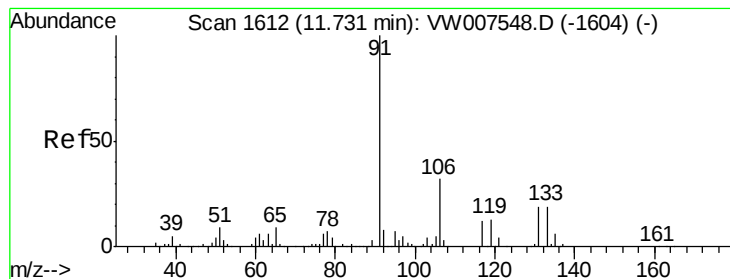


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 64.705 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

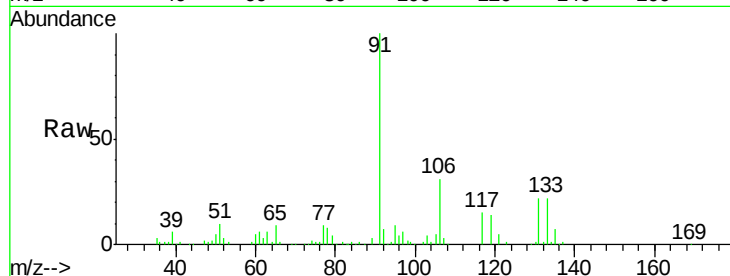
ClientSampleId :

P001-SS016-0006-01MS

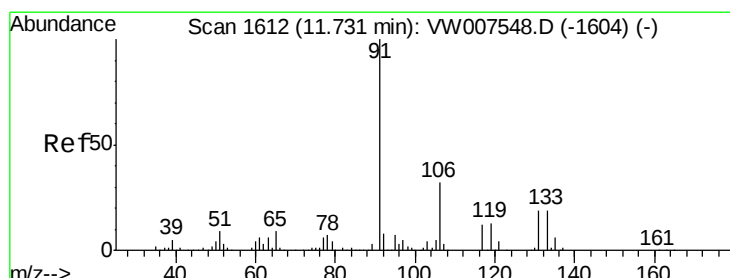
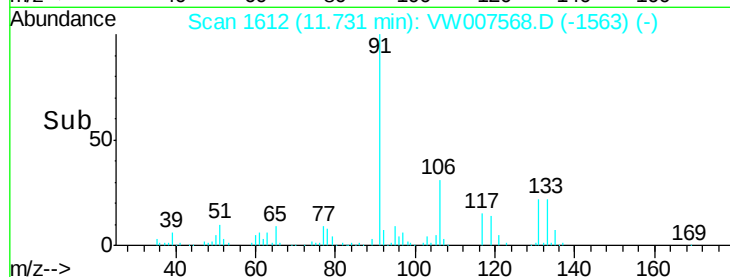
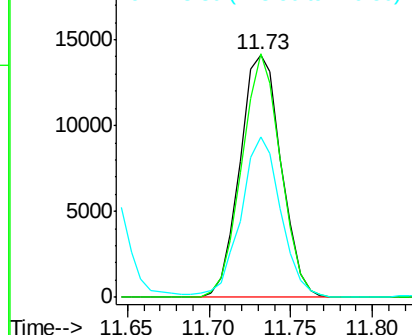
Tgt Ion:	131	Resp:	24796
Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.1	141.4
119	64.9	31.3	93.9

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Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 54.933 ug/l

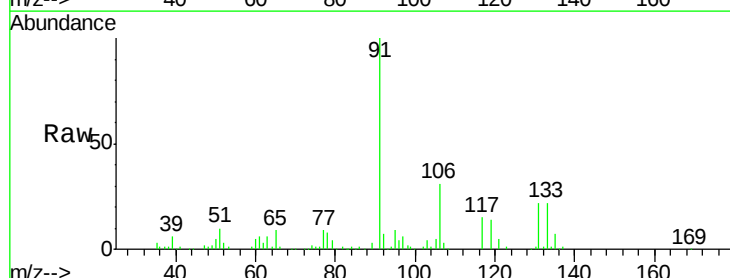
RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

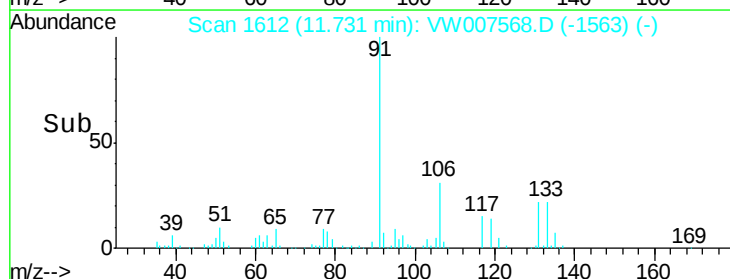
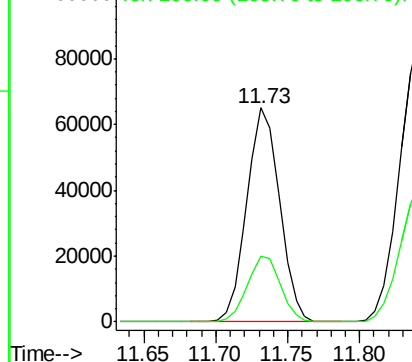
Lab File: VW007568.D

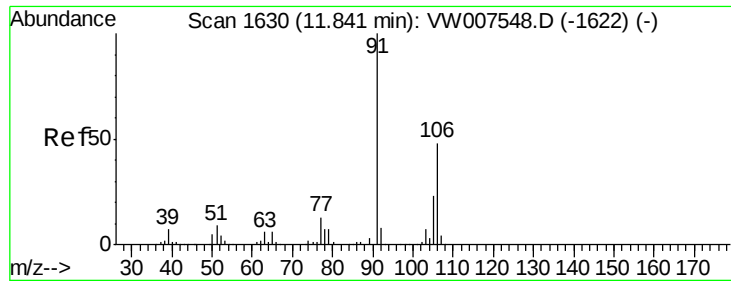
Acq: 15 Dec 2018 07:32

Tgt Ion:	91	Resp:	102764
Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.8	32.8



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





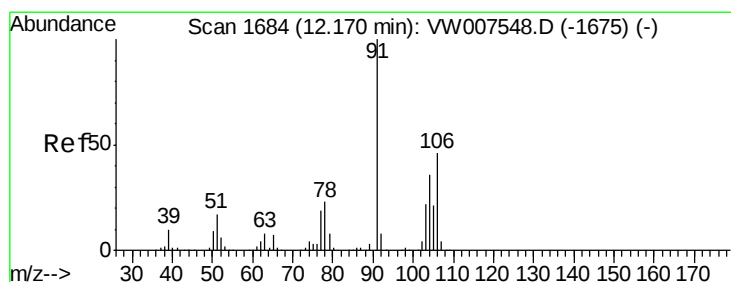
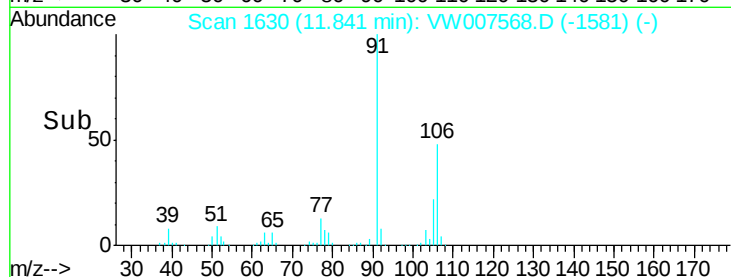
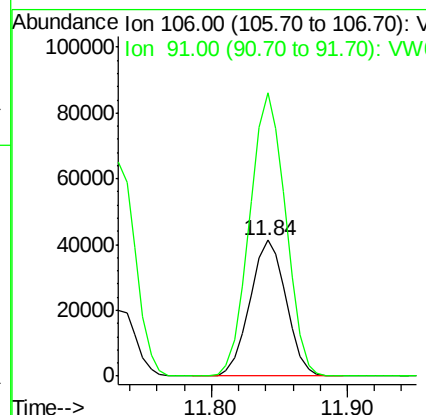
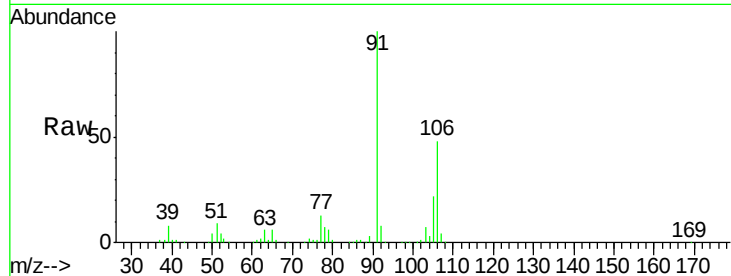
#68
m/p-Xylenes
Concen: 105.621 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

Tgt Ion:106 Resp: 76813
Ion Ratio Lower Upper
106 100
91 207.7 165.3 247.9

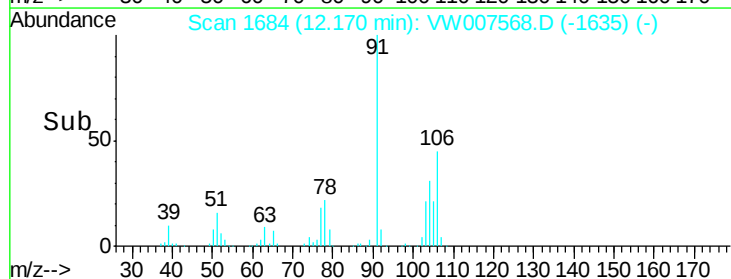
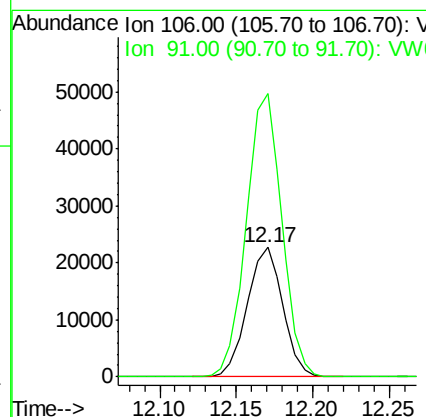
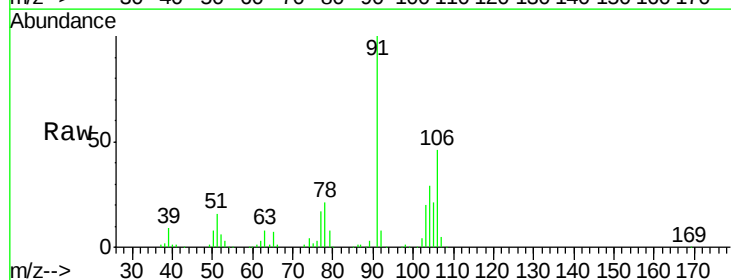
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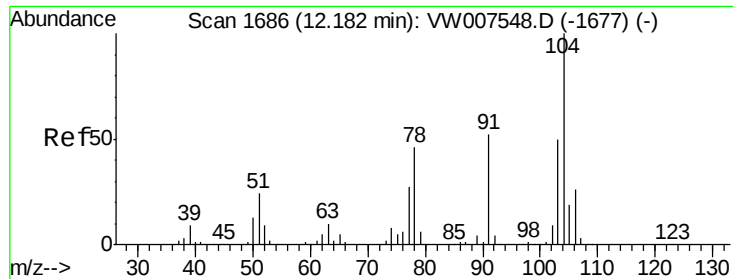
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#69
o-Xylene
Concen: 53.781 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion:106 Resp: 36528
Ion Ratio Lower Upper
106 100
91 218.7 106.6 319.8





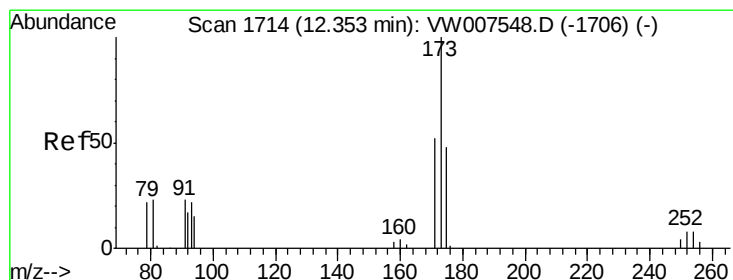
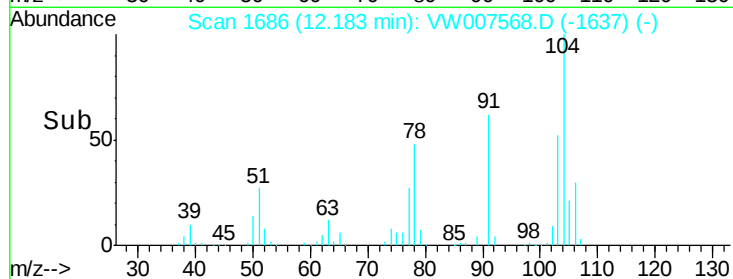
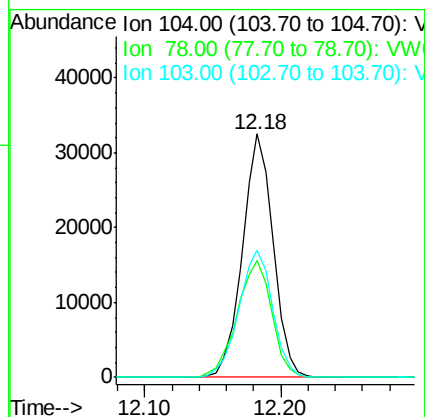
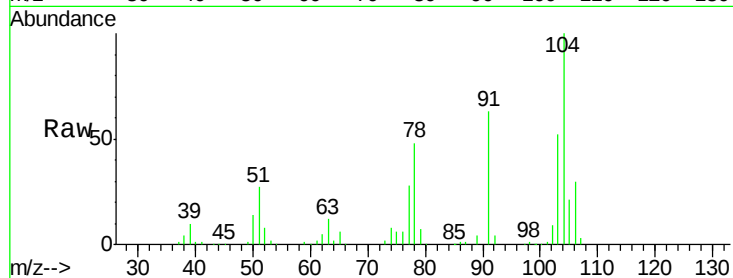
#70
Styrene
Concen: 46.638 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.0	41.8	62.8
103	57.2	46.6	69.8

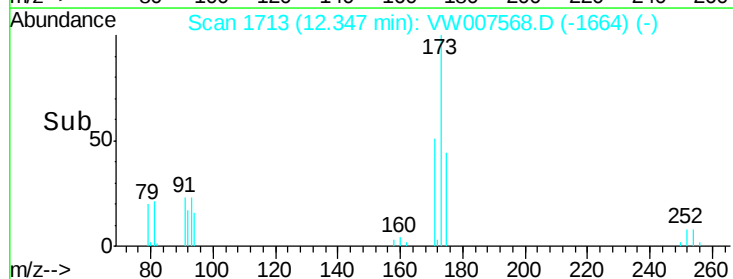
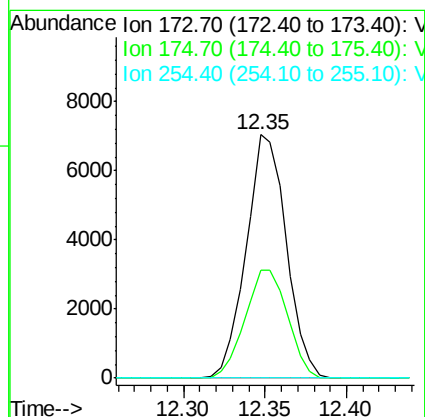
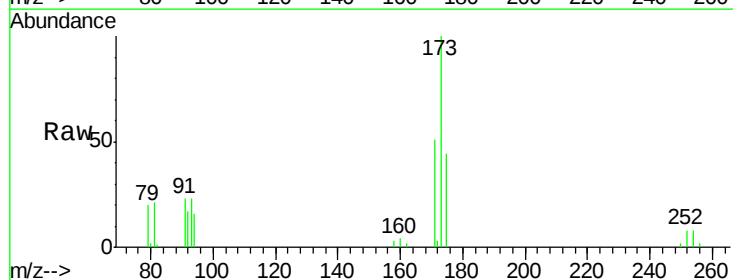
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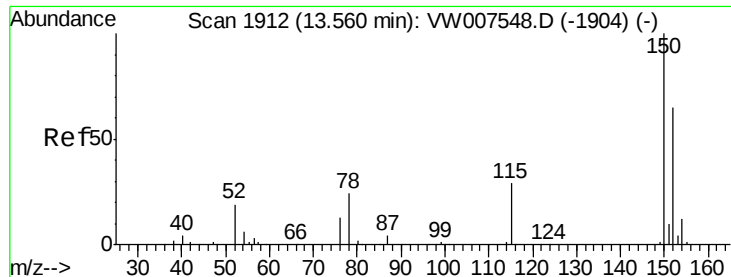
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#71
Bromoform
Concen: 61.693 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.0	23.6	70.8
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

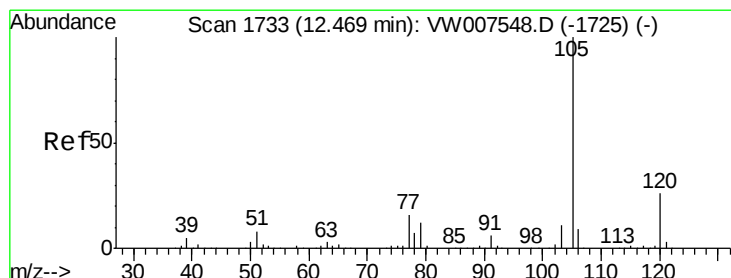
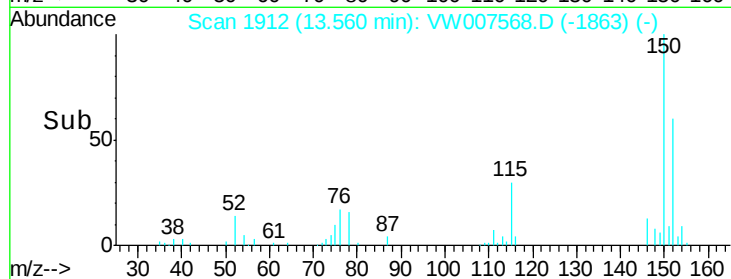
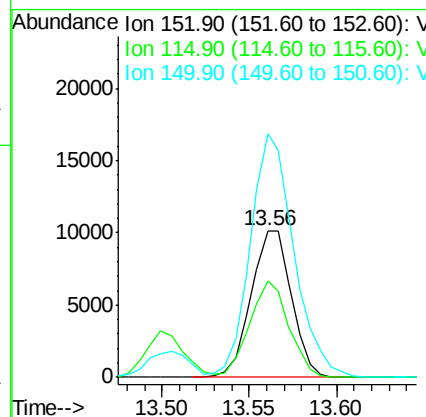
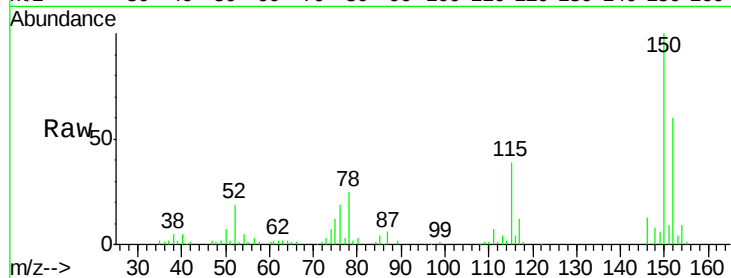
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	31.4	94.2
150	179.8	0.0	358.4

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#73

Isopropylbenzene

Concen: 73.123 ug/l

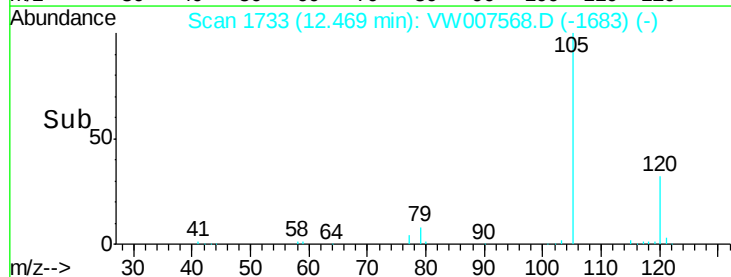
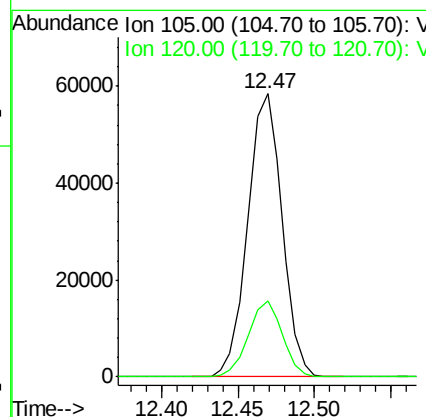
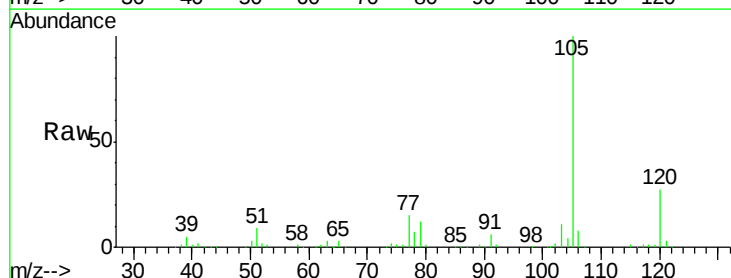
RT: 12.47 min Scan# 1733

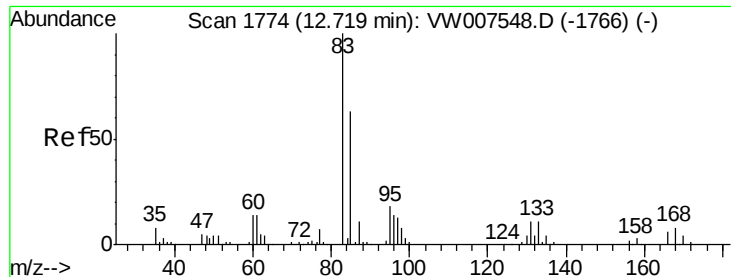
Delta R.T. 0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	12.8	38.4





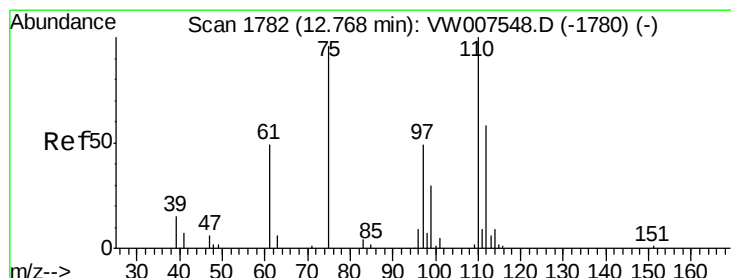
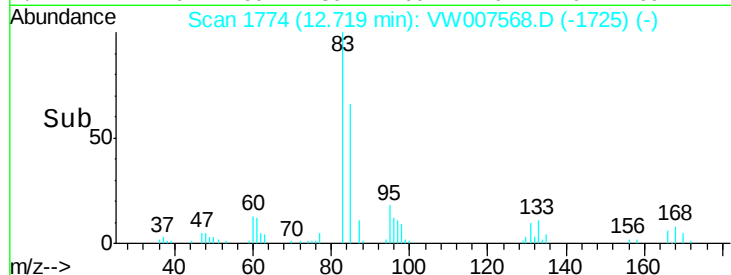
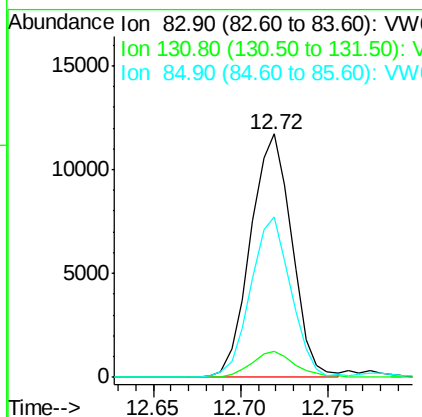
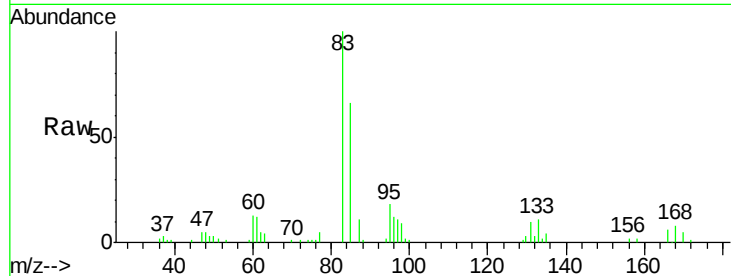
#75
 1,1,2,2-Tetrachloroethane
 Concen: 104.024 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

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

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.9	17.8
85	64.5	30.0	90.0

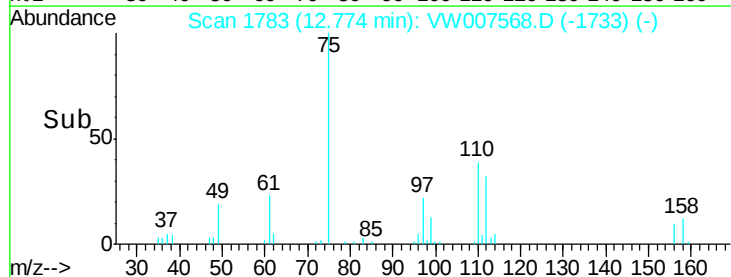
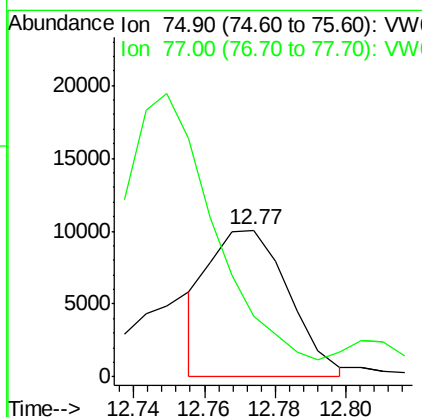
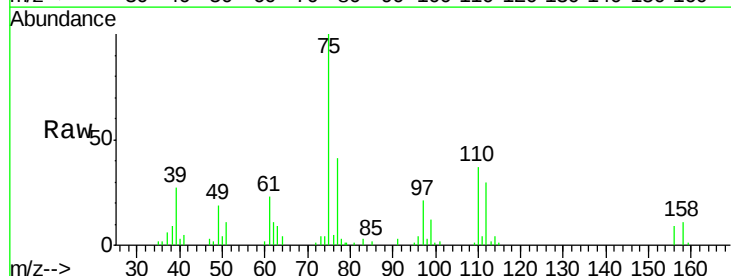
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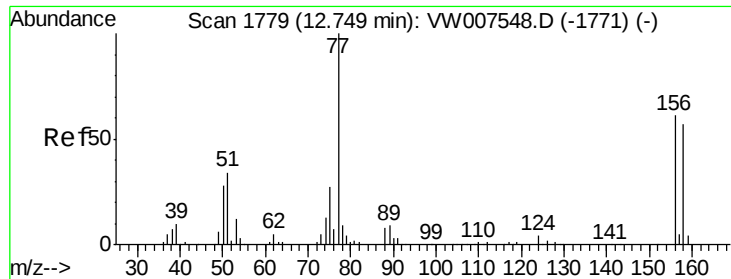
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#76
 1,2,3-Trichloropropane
 Concen: 116.850 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

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





#77

Bromobenzene

Concen: 72.827 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

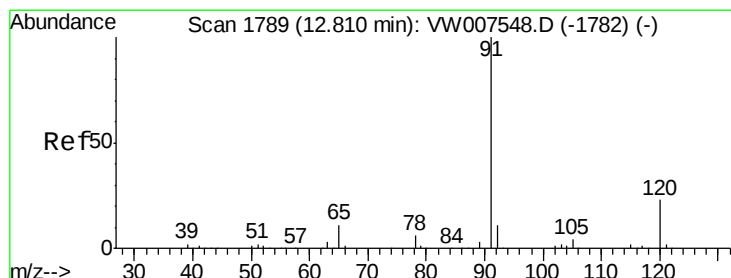
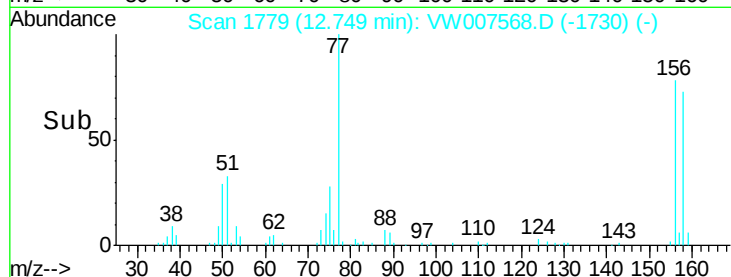
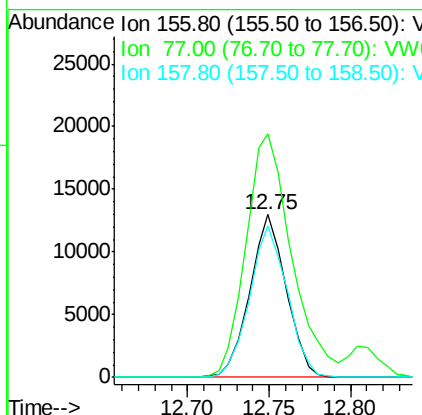
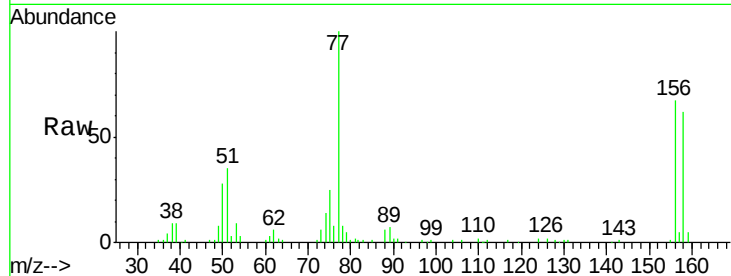
ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:	156	Resp:	20141
Ion Ratio	Lower	Upper	
156	100		
77	188.2	88.1	264.4
158	96.5	45.6	136.7

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#78

n-propylbenzene

Concen: 65.768 ug/l

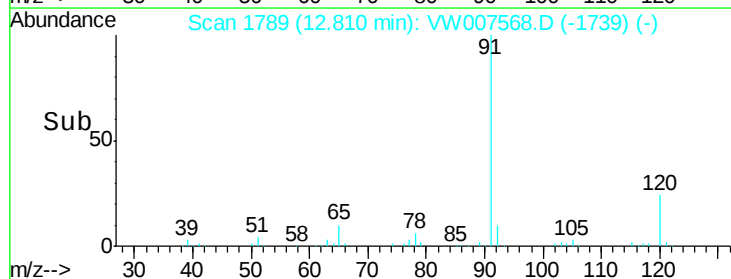
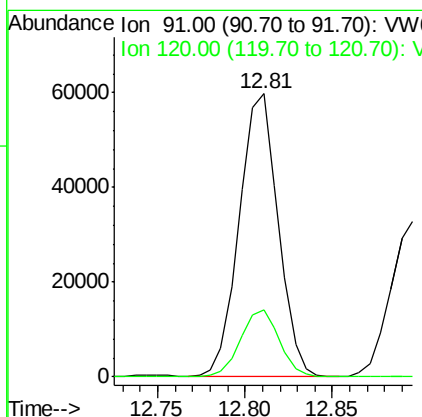
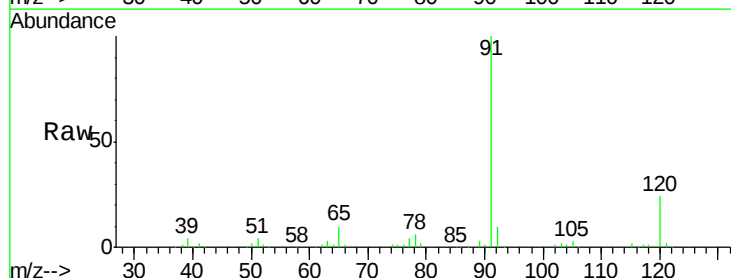
RT: 12.81 min Scan# 1789

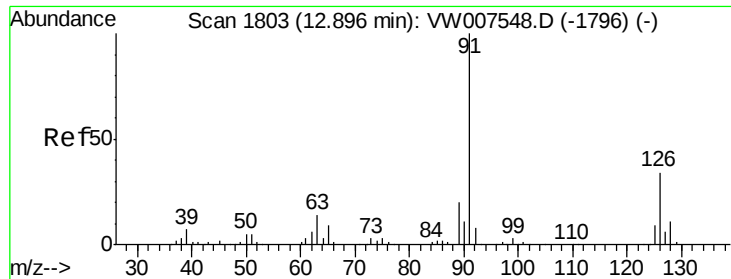
Delta R.T. 0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Tgt Ion:	91	Resp:	92347
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.5





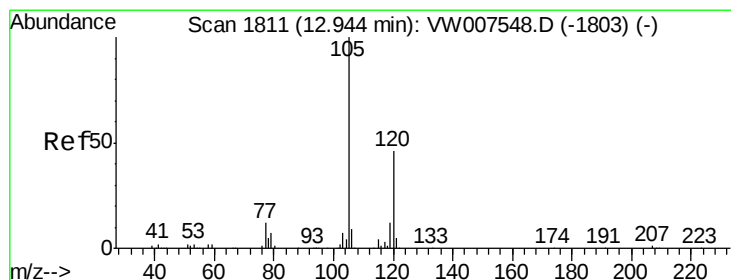
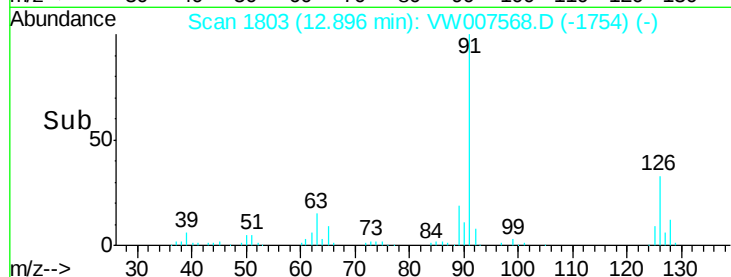
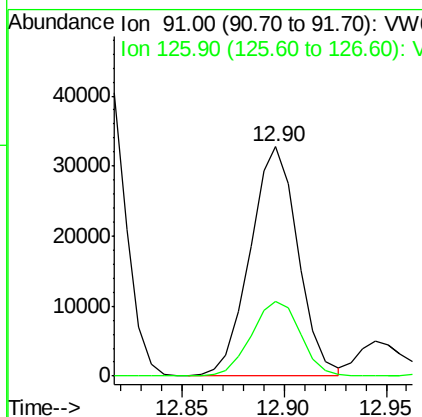
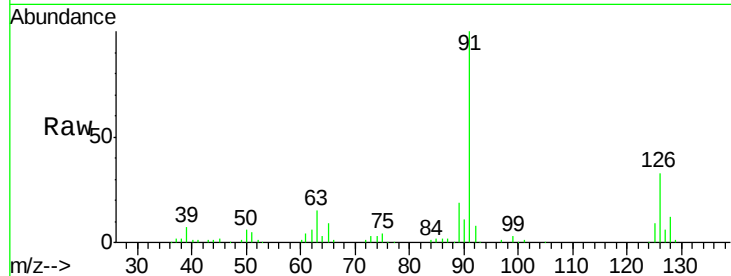
#79
 2-Chlorotoluene
 Concen: 62.516 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

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

Tgt Ion: 91 Resp: 53114
 Ion Ratio Lower Upper
 91 100
 126 33.6 15.9 47.6

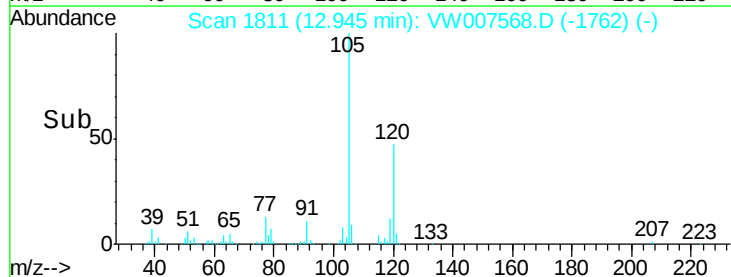
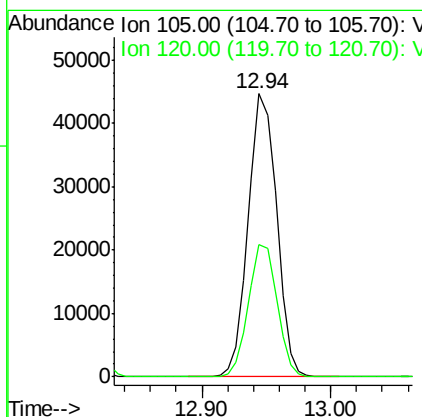
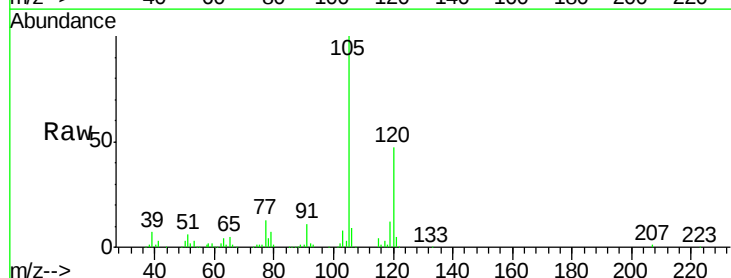
Manual Integrations
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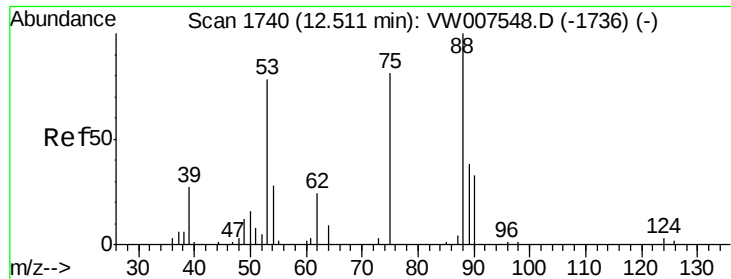
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 64.914 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion: 105 Resp: 68052
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.8 71.4





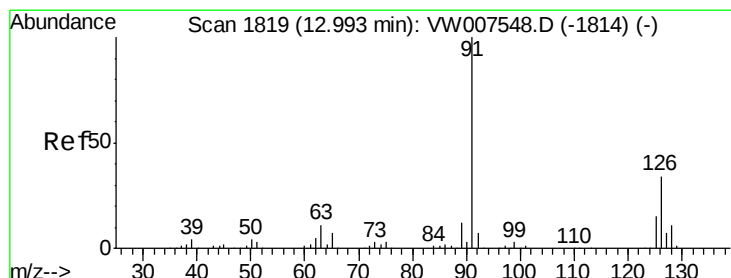
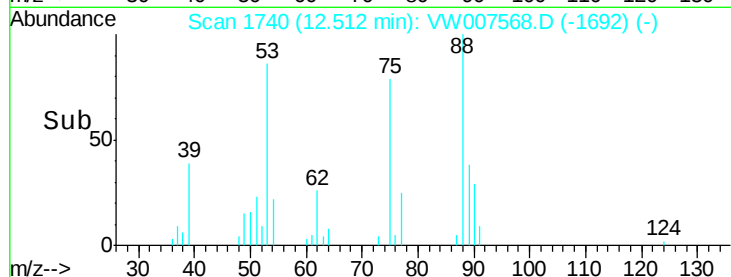
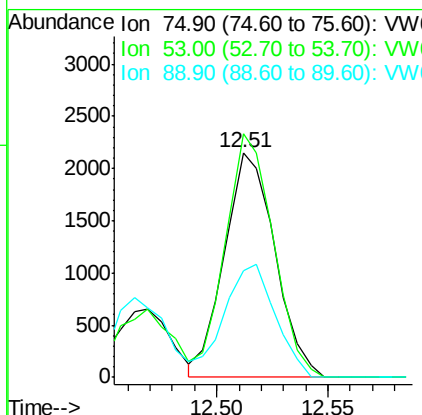
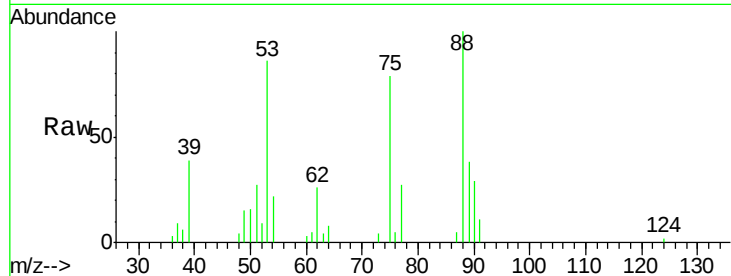
#81
trans-1,4-Dichloro-2-butene
Concen: 55.925 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

Tgt Ion	Ratio	Lower	Upper
75	100		
53	103.3	84.9	127.3
89	51.0	40.3	60.5

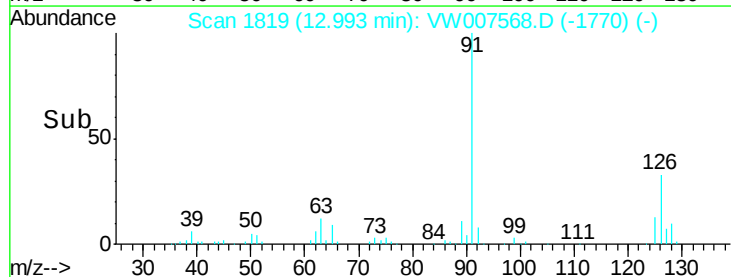
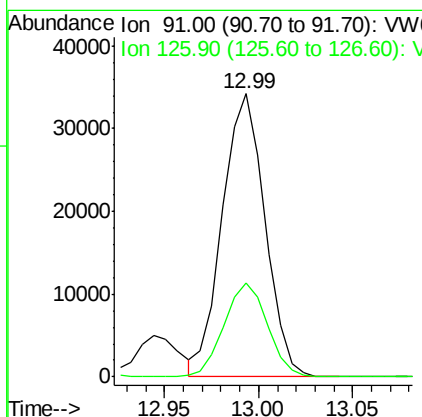
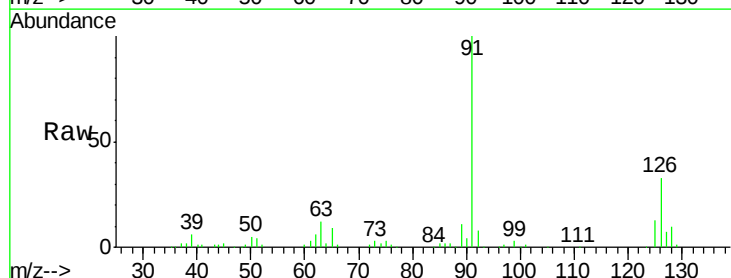
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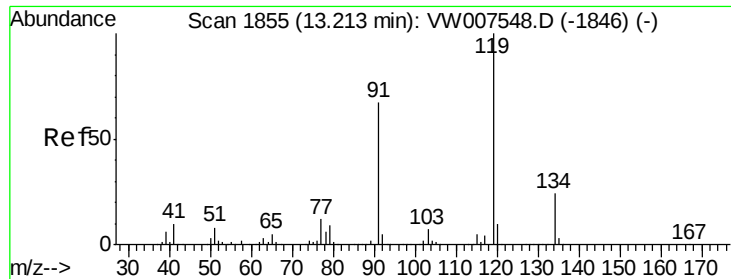
apatel
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#82
4-Chlorotoluene
Concen: 60.082 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.0	48.0





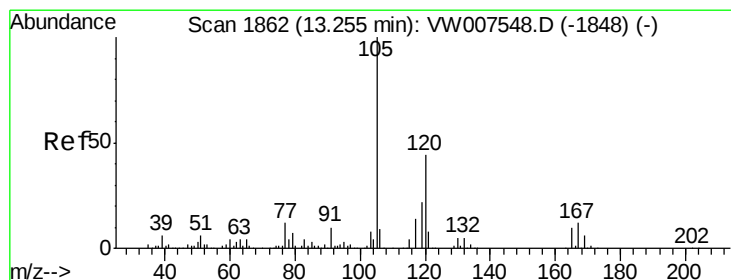
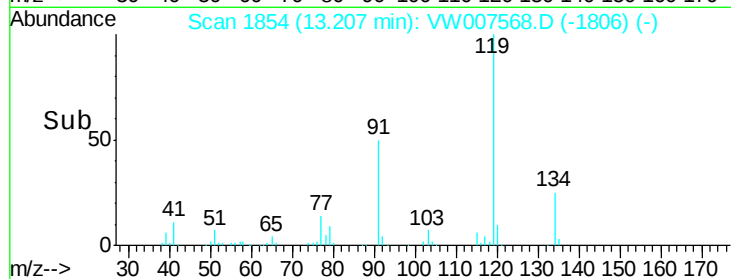
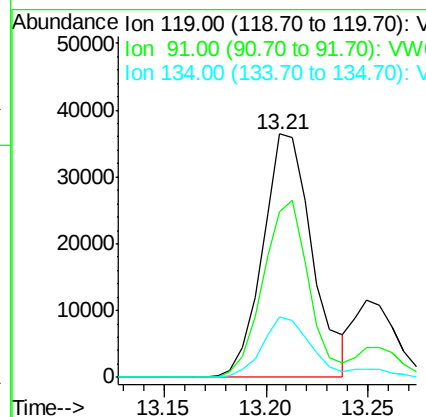
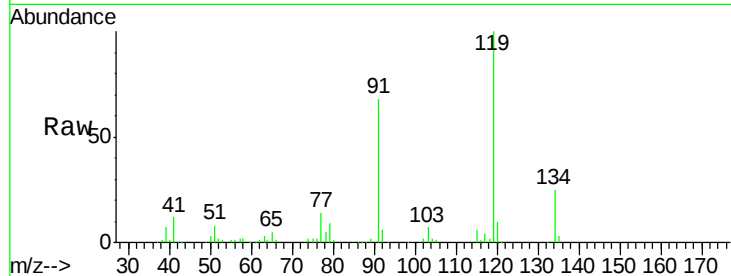
#83
tert-Butylbenzene
Concen: 66.730 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.0	33.1	99.2
134	23.8	12.5	37.5

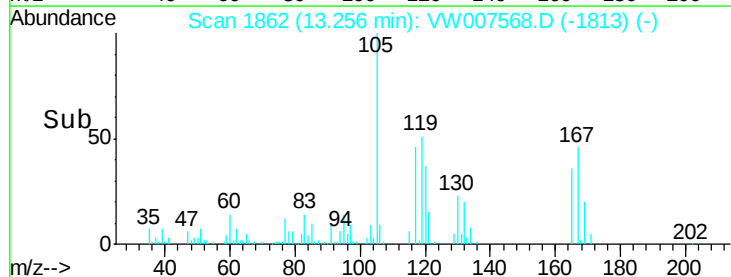
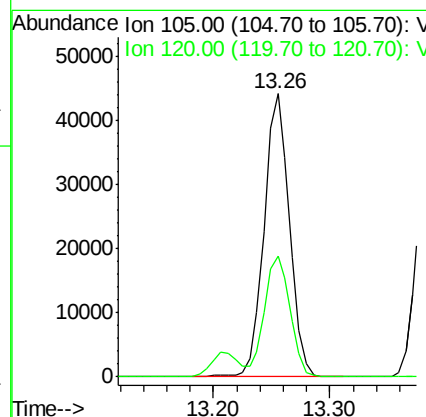
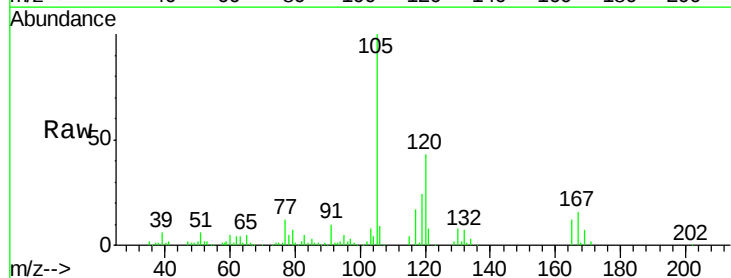
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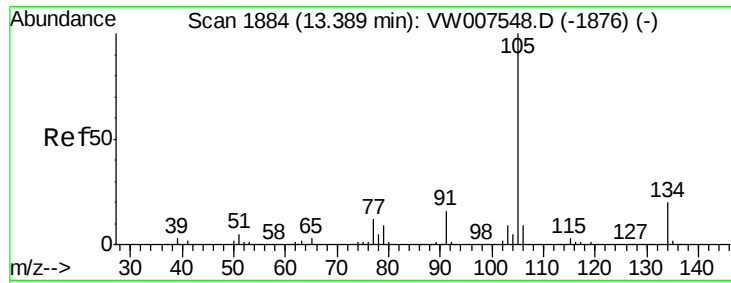
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 62.331 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.6	67.7





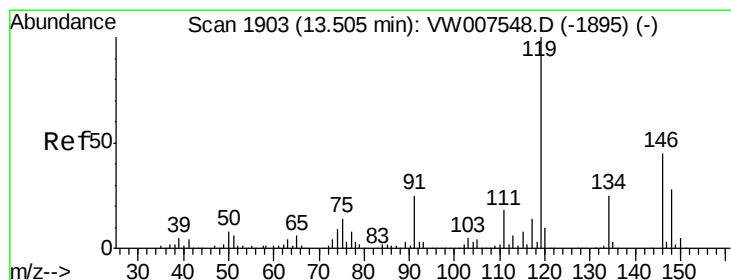
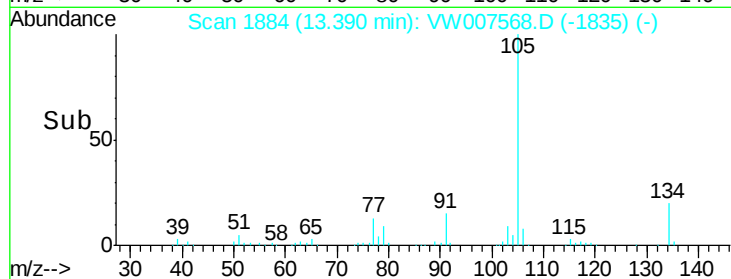
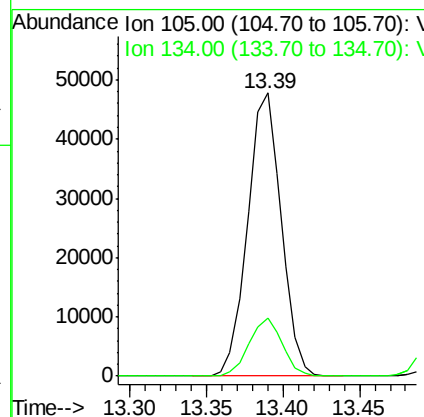
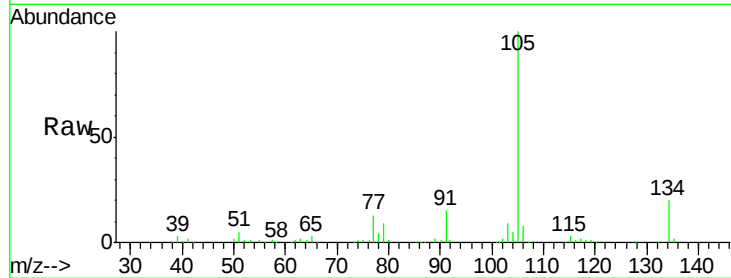
#85
 sec-Butylbenzene
 Concen: 57.787 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

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

Tgt Ion:105 Resp: 72871
 Ion Ratio Lower Upper
 105 100
 134 20.2 11.1 33.3

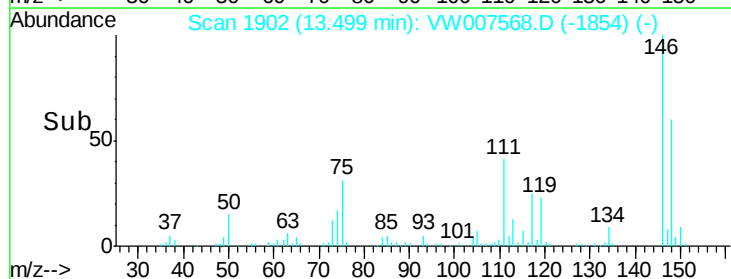
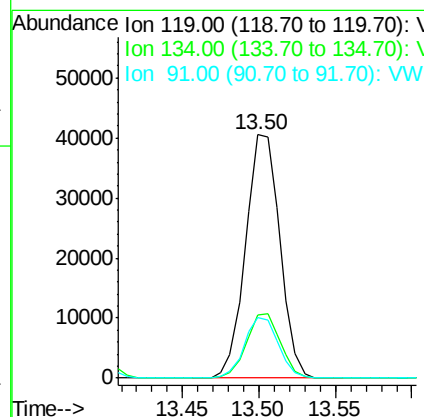
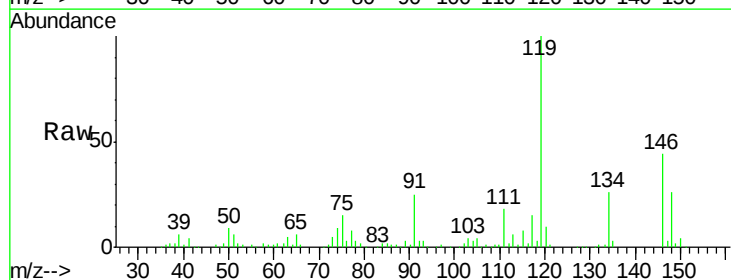
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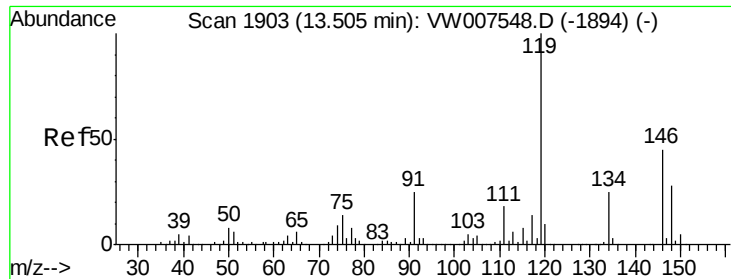
apatel
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#86
 p-Isopropyltoluene
 Concen: 55.696 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion:119 Resp: 63096
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 24.4 11.9 35.9





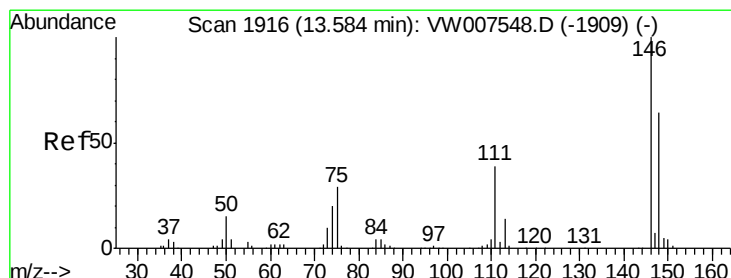
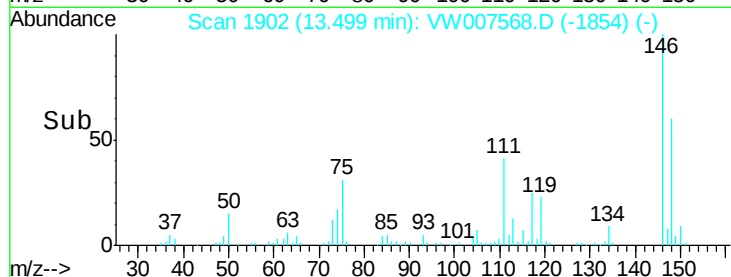
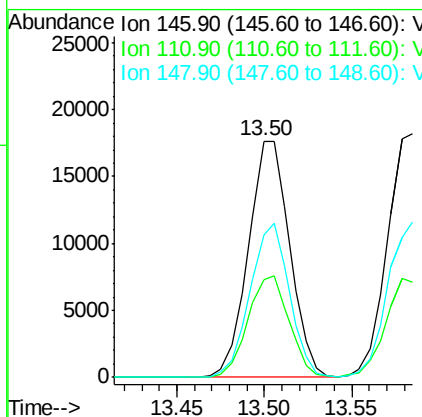
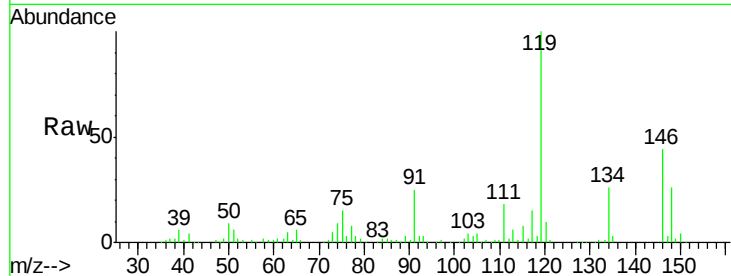
#87
 1,3-Dichlorobenzene
 Concen: 52.746 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

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

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.1	60.3
148	62.0	31.4	94.0

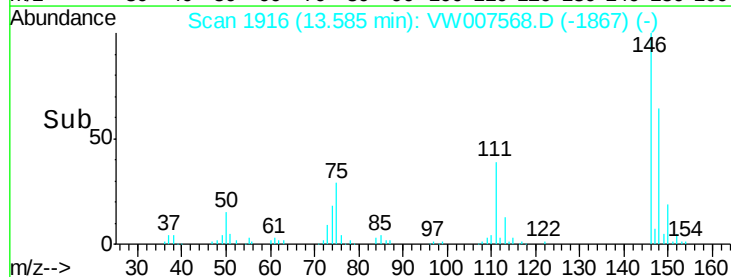
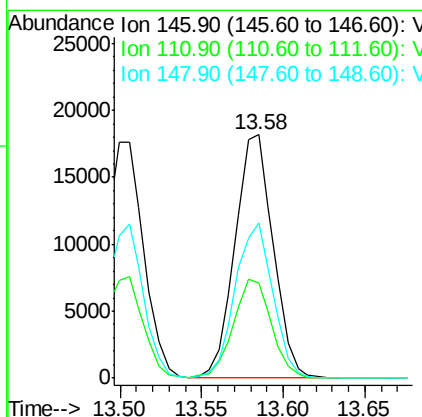
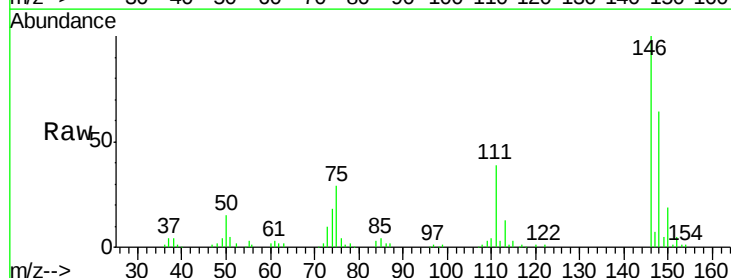
Manual Integrations
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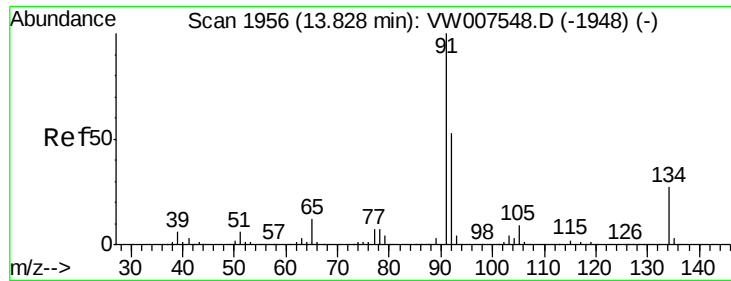
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#88
 1,4-Dichlorobenzene
 Concen: 53.426 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	61.0
148	62.8	33.5	100.5





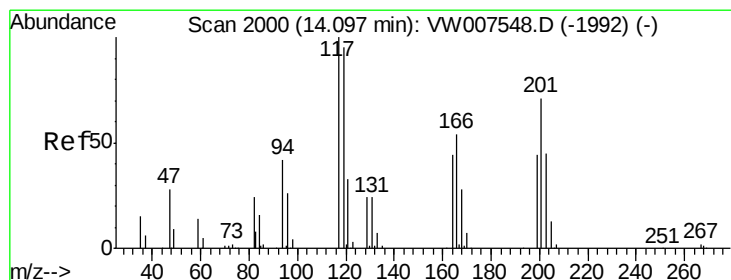
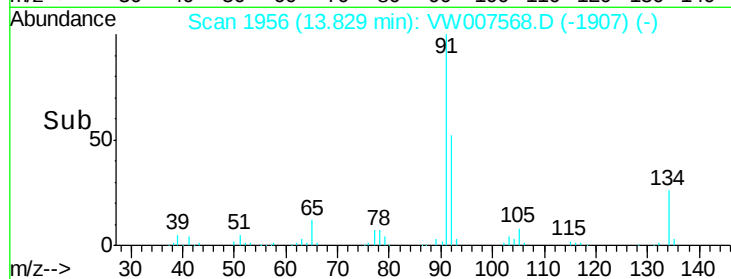
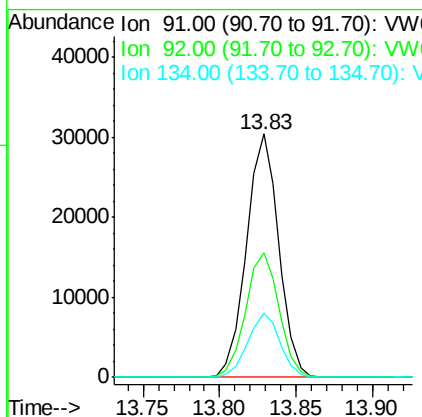
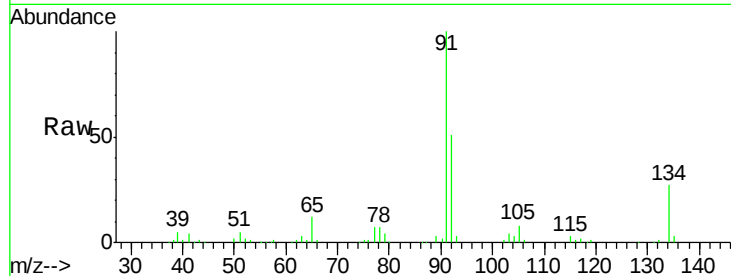
#89
n-Butylbenzene
Concen: 42.394 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

Tgt Ion: 91 Resp: 44523
Ion Ratio Lower Upper
91 100
92 52.8 25.7 77.1
134 26.3 13.4 40.2

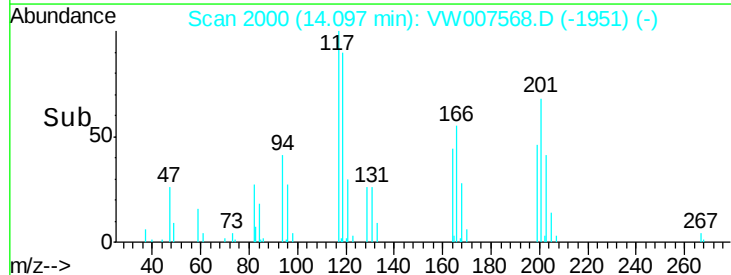
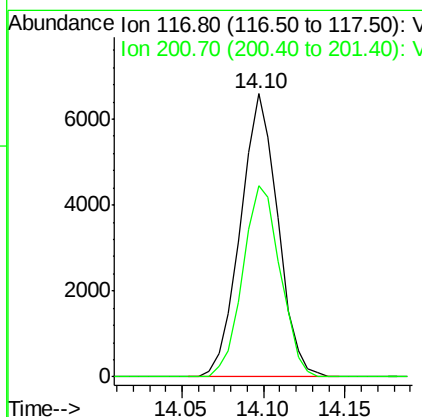
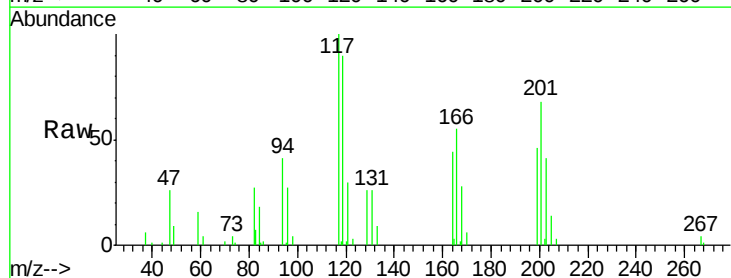
Manual Integrations
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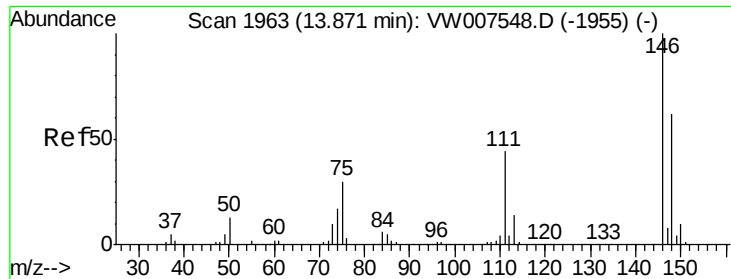
apatel
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#90
Hexachloroethane
Concen: 52.309 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion: 117 Resp: 10544
Ion Ratio Lower Upper
117 100
201 67.5 35.3 105.9





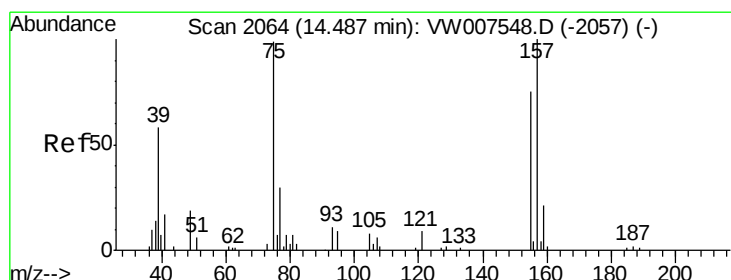
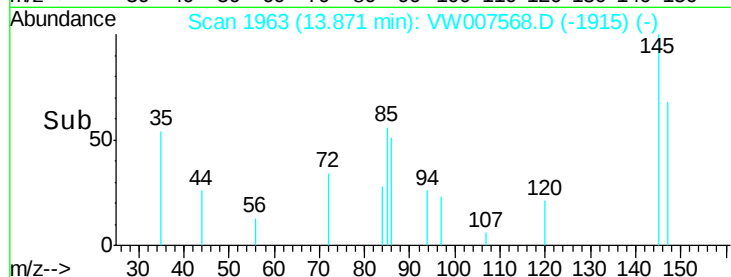
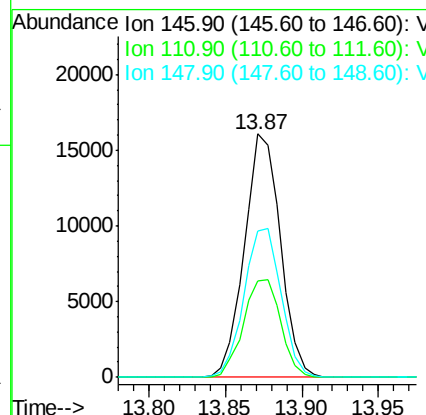
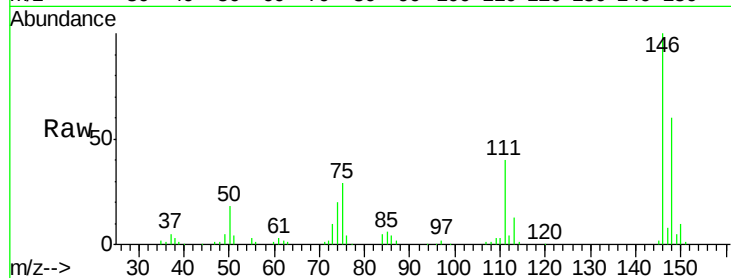
#91
 1,2-Dichlorobenzene
 Concen: 53.154 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

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

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	22.4	67.2
148	63.1	32.4	97.2

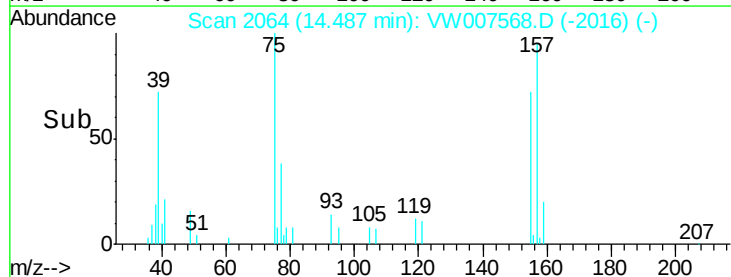
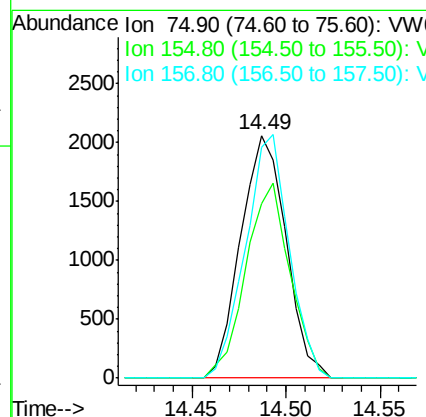
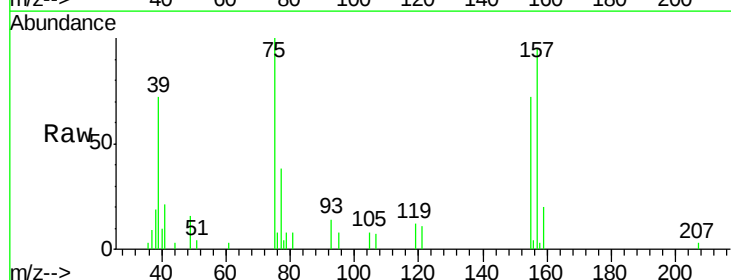
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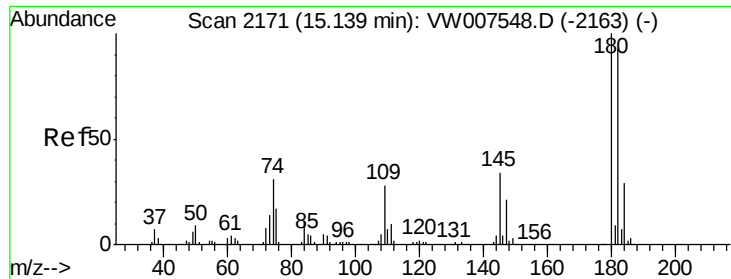
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 92.815 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.6	40.8	122.2
157	96.2	51.1	153.4





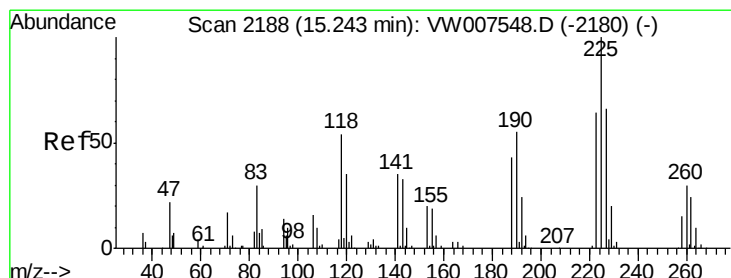
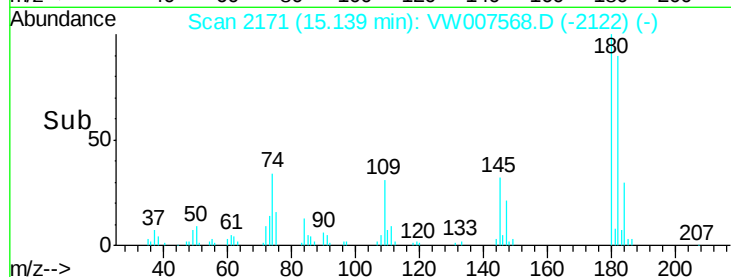
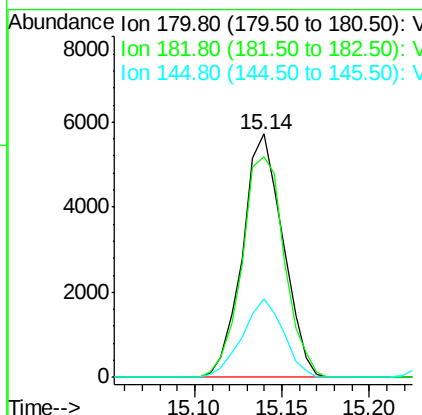
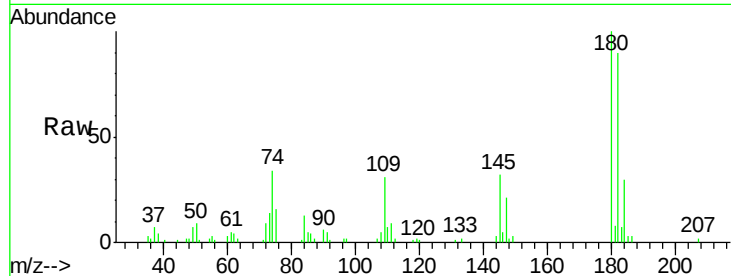
#93
1,2,4-Trichlorobenzene
Concen: 27.080 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	49.9	149.6
145	32.6	17.8	53.4

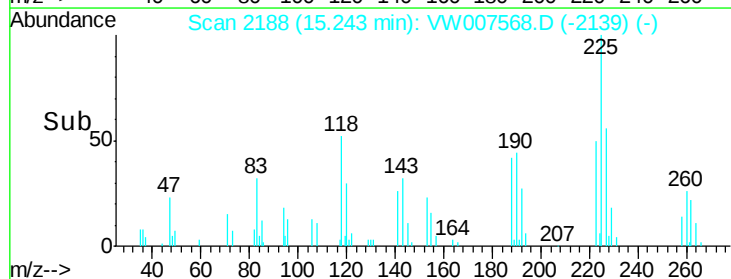
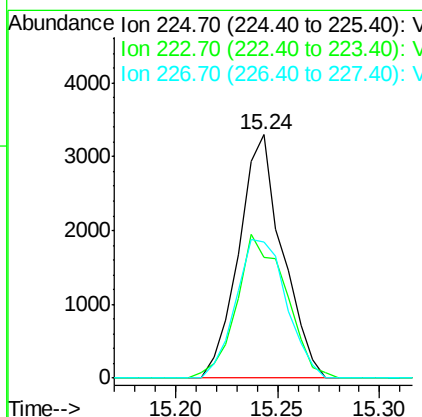
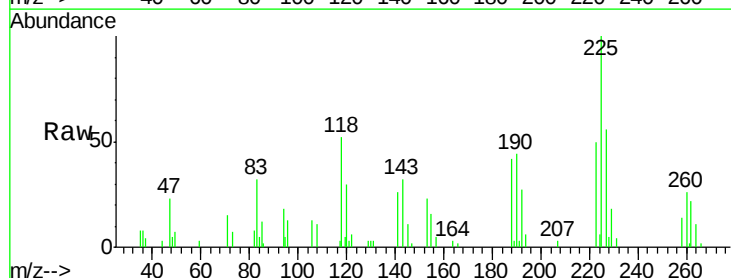
Manual Integrations
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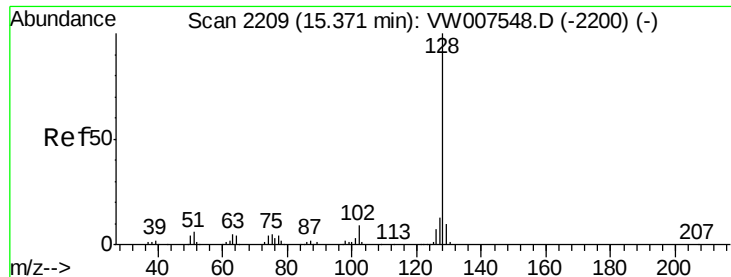
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#94
Hexachlorobutadiene
Concen: 27.216 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	32.1	96.3
227	65.8	31.9	95.9





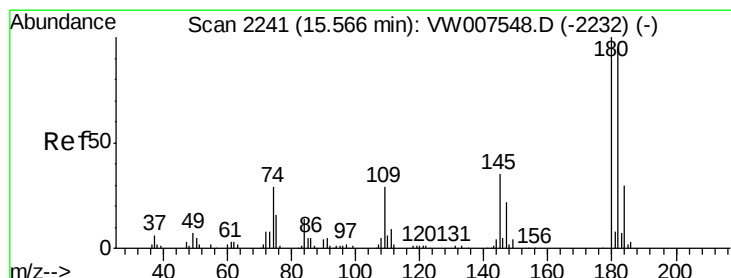
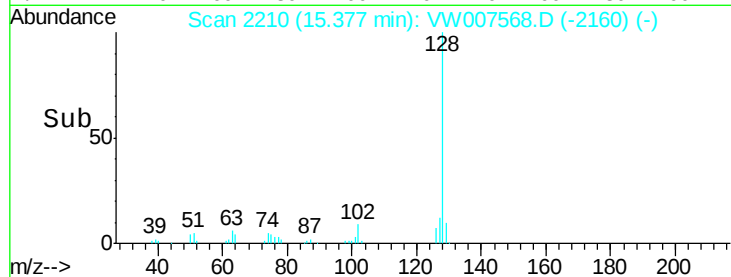
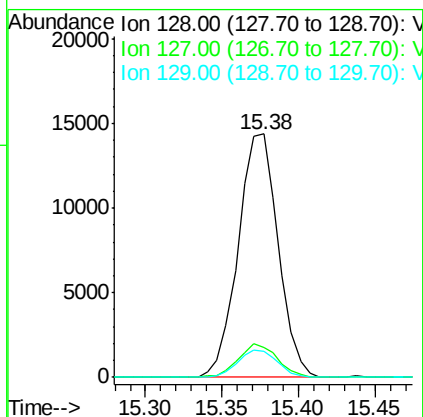
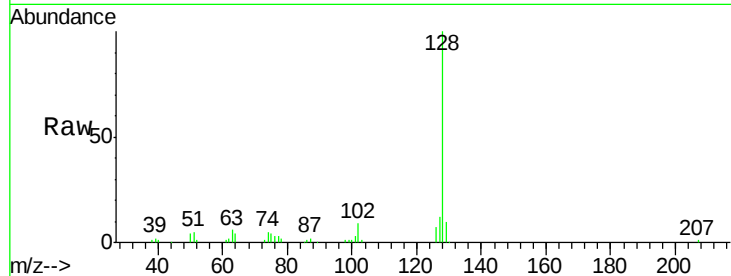
#95
Naphthalene
Concen: 40.042 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

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

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	26035		
127	13.3		10.2	15.4
129	11.1		8.3	12.5

Manual Integrations
APPROVED

apatel
12/17/2018 1:45:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 24.231 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	7154		
182	100.7		45.6	136.7
145	38.1		17.5	52.5

