

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006962.D
 Acq On : 19 Nov 2018 23:57
 Operator : SY/AP
 Sample : J5977-10MSD
 Misc : 3.79G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-03(8-10)MSD

Manual Integrations
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Quant Time: Nov 20 06:07:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	97664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	151722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	56004	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
35) Dibromofluoromethane	7.88	113	49983	56.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.52%	
50) Toluene-d8	10.33	98	206130	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
62) 4-Bromofluorobenzene	12.62	95	67693	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	49322	52.748	ug/l	100
3) Chloromethane	2.21	50	43249	51.381	ug/l	95
4) Vinyl Chloride	2.35	62	39990	50.118	ug/l	99
5) Bromomethane	2.78	94	23019	53.706	ug/l	95
6) Chloroethane	2.92	64	23469	53.408	ug/l	95
7) Trichlorofluoromethane	3.26	101	78885	50.796	ug/l	97
8) Diethyl Ether	3.69	74	29015	51.630	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45933	45.800	ug/l	98
10) Methyl Iodide	4.28	142	60688	48.986	ug/l	100
11) Tert butyl alcohol	5.20	59	19621	236.960	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	43162	47.968	ug/l	99
13) Acrolein	3.90	56	23054	307.053	ug/l	99
14) Allyl chloride	4.67	41	74455	47.037	ug/l	99
15) Acrylonitrile	5.38	53	61557	281.436	ug/l	99
16) Acetone	4.14	43	44570	267.717	ug/l	100
17) Carbon Disulfide	4.38	76	127179	44.677	ug/l	100
18) Methyl Acetate	4.68	43	44673	73.325	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	145335	55.098	ug/l	99
20) Methylene Chloride	4.92	84	61449	53.854	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	45932	42.793	ug/l	95
22) Diisopropyl ether	6.31	45	164050	50.774	ug/l	99
23) Vinyl Acetate	6.26	43	273788	153.026	ug/l	100
24) 1,1-Dichloroethane	6.22	63	91900	49.397	ug/l	98
25) 2-Butanone	7.18	43	78323	283.278	ug/l	98
26) 2,2-Dichloropropane	7.17	77	77529	47.760	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	54249	45.458	ug/l	98
28) Bromochloromethane	7.51	49	33980	49.729	ug/l #	97
29) Tetrahydrofuran	7.53	42	51154	284.493	ug/l	99
30) Chloroform	7.68	83	95445	46.795	ug/l	100
31) Cyclohexane	7.95	56	80698	43.297	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	87013	49.554	ug/l	98
36) 1,1-Dichloropropene	8.09	75	69226	47.894	ug/l	99
37) Ethyl Acetate	7.25	43	30155	49.068	ug/l	98
38) Carbon Tetrachloride	8.07	117	72487	51.030	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73983	41.244	ug/l	98
40) Benzene	8.32	78	208453	51.028	ug/l	98
41) Methacrylonitrile	7.49	41	21565	57.291	ug/l	95
42) 1,2-Dichloroethane	8.40	62	63621	52.025	ug/l	99
43) Isopropyl Acetate	8.43	43	63291	53.673	ug/l	99
44) Trichloroethene	9.09	130	53294	48.521	ug/l	97
45) 1,2-Dichloropropane	9.37	63	55142	53.439	ug/l	100
46) Dibromomethane	9.46	93	27479	52.585	ug/l	97
47) Bromodichloromethane	9.65	83	71342	51.847	ug/l	99
48) Methyl methacrylate	9.44	41	33996	59.745	ug/l	98
49) 1,4-Dioxane	9.47	88	9850	1243.889	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	175296	301.622	ug/l	97
52) Toluene	10.39	92	137106	50.168	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	62651	46.590	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	77753	48.316	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	41613	54.007	ug/l	97
56) Ethyl methacrylate	10.65	69	44686	46.647	ug/l	98
57) 1,3-Dichloropropane	10.93	76	69685	53.157	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	135655	288.043	ug/l	98
59) 2-Hexanone	10.97	43	120681	310.262	ug/l	100
60) Dibromochloromethane	11.13	129	46853	53.324	ug/l	98
61) 1,2-Dibromoethane	11.24	107	37969	53.021	ug/l	99
64) Tetrachloroethene	10.87	164	44672	52.923	ug/l	97
65) Chlorobenzene	11.66	112	139471	50.374	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	49673	56.297	ug/l	98
67) Ethyl Benzene	11.73	91	260478	52.181	ug/l	98
68) m/p-Xylenes	11.84	106	201831	103.829	ug/l	98
69) o-Xylene	12.17	106	99433	53.895	ug/l	99
70) Styrene	12.18	104	144244	48.617	ug/l	100
71) Bromoform	12.35	173	25557	62.131	ug/l #	100
73) Isopropylbenzene	12.47	105	256564	62.489	ug/l	100
74) N-amyl acetate	12.27	43	44505	54.161	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	45714	75.692	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34413m	82.599	ug/l	
77) Bromobenzene	12.75	156	52928	60.823	ug/l	98
78) n-propylbenzene	12.81	91	269071	54.539	ug/l	99
79) 2-Chlorotoluene	12.90	91	164787	56.994	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	209682	59.310	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	12576	68.712	ug/l	97
82) 4-Chlorotoluene	12.99	91	158627	52.037	ug/l	100
83) tert-Butylbenzene	13.21	119	184178	61.346	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	202009	56.877	ug/l	100
85) sec-Butylbenzene	13.39	105	225402	52.617	ug/l	99
86) p-Isopropyltoluene	13.51	119	199168	53.197	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	89455	50.272	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	87394	49.280	ug/l	99
89) n-Butylbenzene	13.83	91	145840	41.151	ug/l	99
90) Hexachloroethane	14.10	117	30653	50.221	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	86953	54.648	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7947	76.039	ug/l	97

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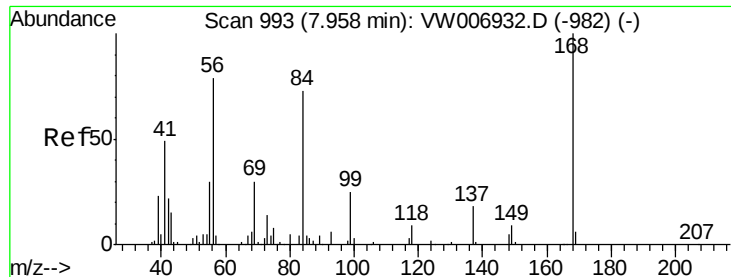
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	34629	34.591	ug/l	99
94) Hexachlorobutadiene	15.24	225	16999	32.144	ug/l	99
95) Naphthalene	15.38	128	124700	64.647	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	32183	37.500	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006962.D

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Instrument :

MSVOA_W

ClientSampleId :

MMTW-03(8-10)MSD

Tot Ion:168 Resp: 97664

Ion Ratio Lower Upper

168 100

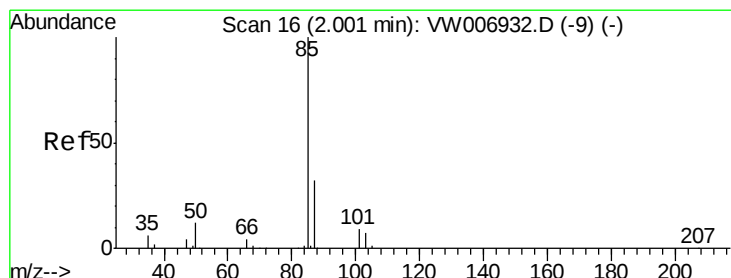
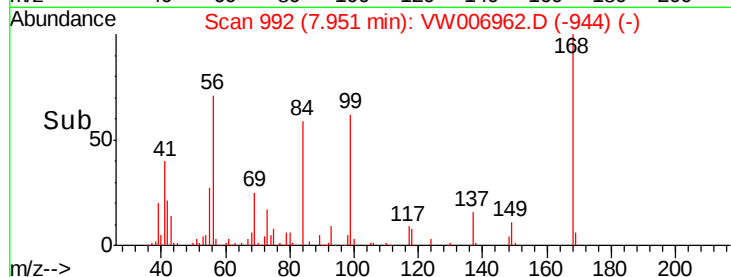
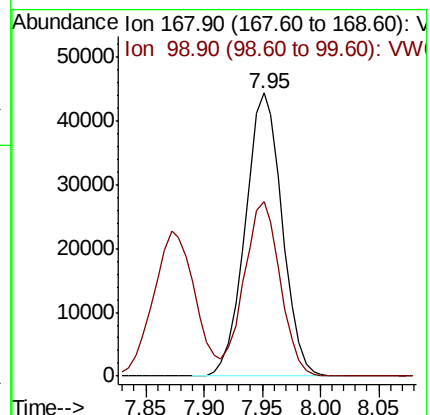
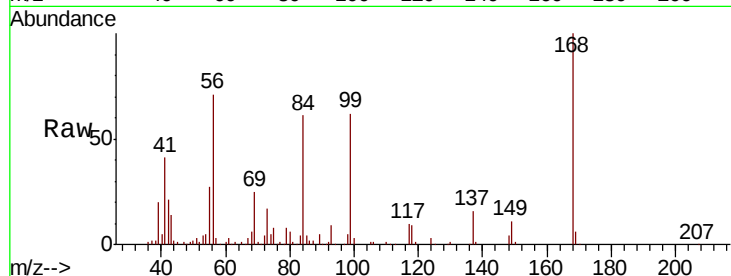
99 61.5 49.3 73.9

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#2

Dichlorodifluoromethane

Concen: 52.748 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006962.D

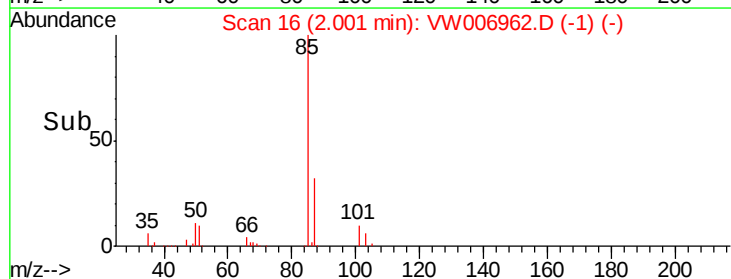
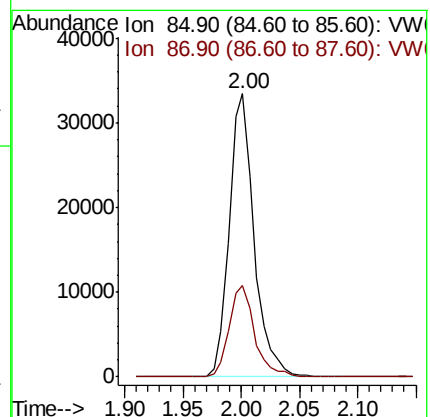
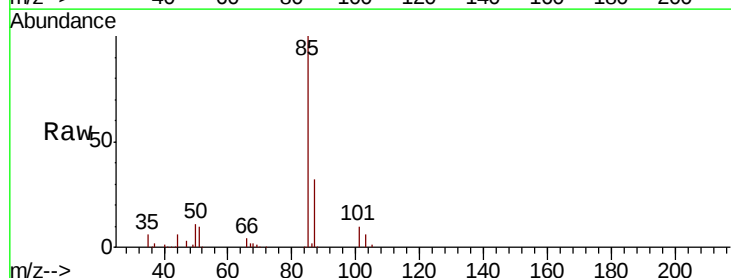
Acq: 19 Nov 2018 23:57

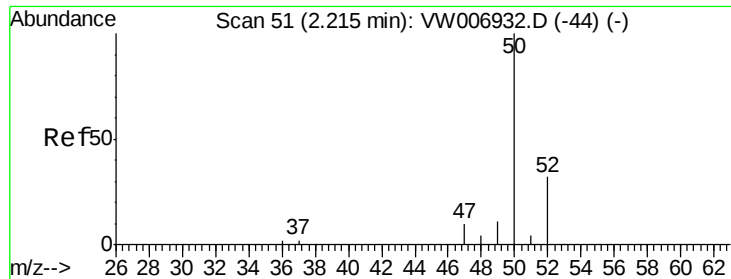
Tgt Ion: 85 Resp: 49322

Ion Ratio Lower Upper

85 100

87 32.3 16.0 48.0





#3

Chloromethane

Concen: 51.381 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Instrument :

MSVOA_W

ClientSampleId :

MMTW-03(8-10)MSD

Tot Ion: 50 Resp: 43249

Ion Ratio Lower Upper

50 100

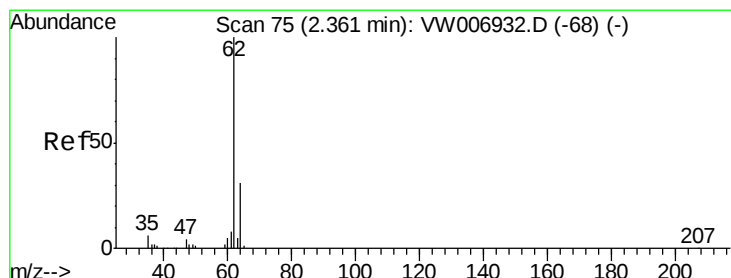
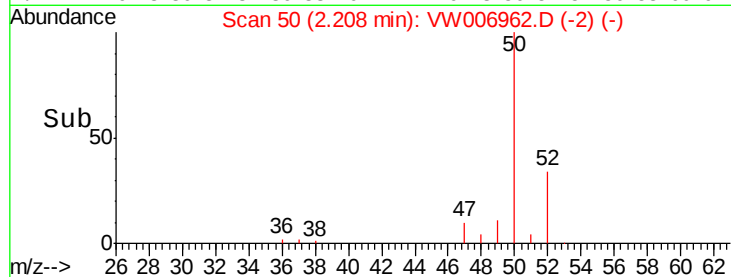
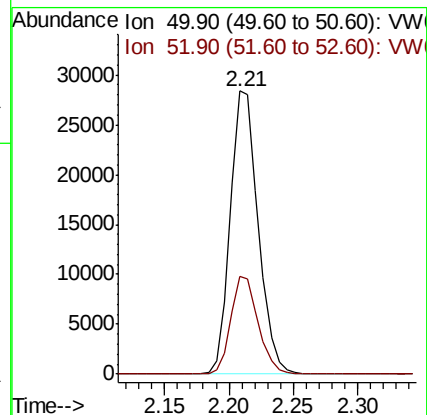
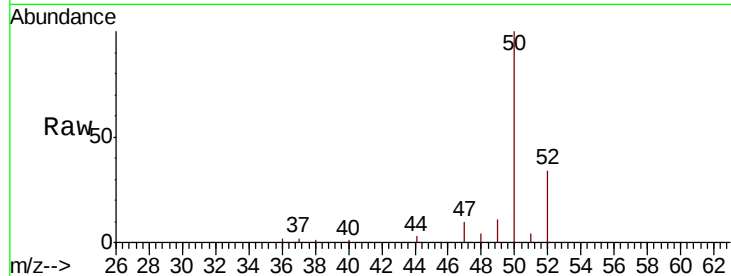
52 34.5 25.4 38.2

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#4

Vinyl Chloride

Concen: 50.118 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006962.D

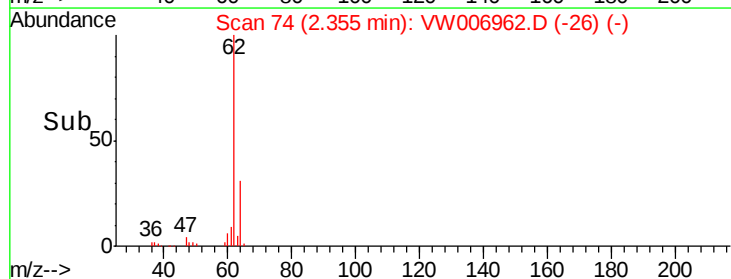
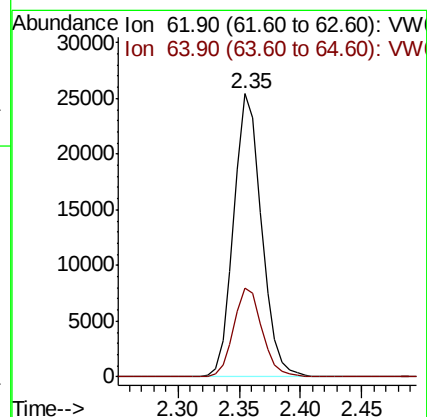
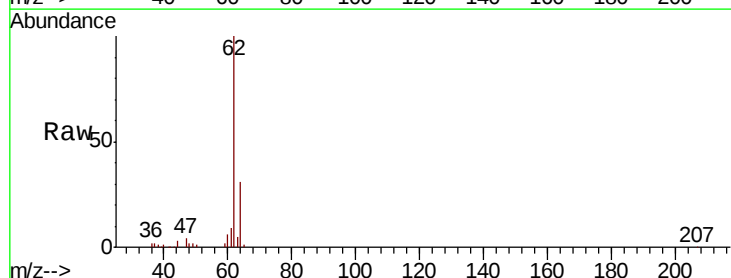
Acq: 19 Nov 2018 23:57

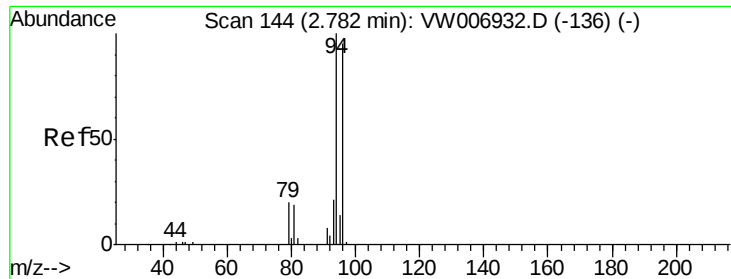
Tgt Ion: 62 Resp: 39990

Ion Ratio Lower Upper

62 100

64 31.4 24.6 37.0





#5

Bromomethane

Concen: 53.706 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Instrument :

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MMTW-03(8-10)MSD

Tot Ion: 94 Resp: 23019

Ion Ratio Lower Upper

94 100

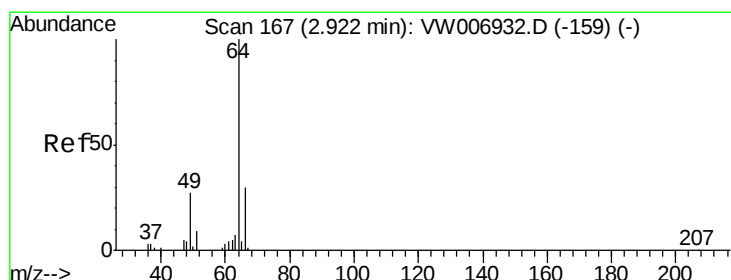
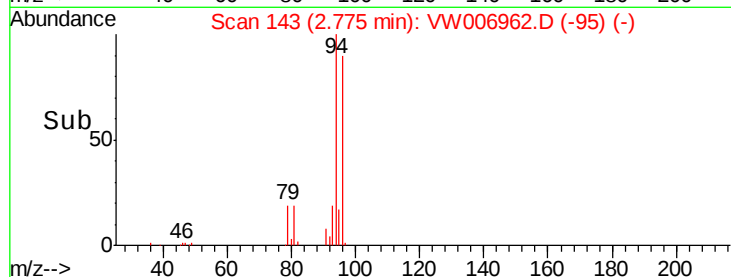
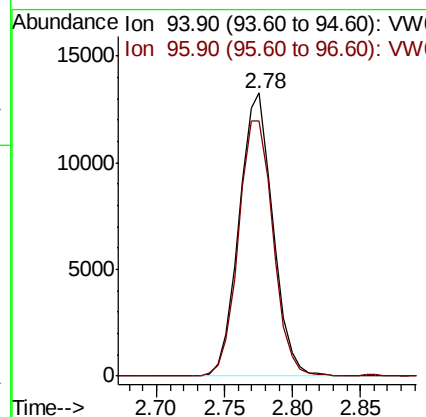
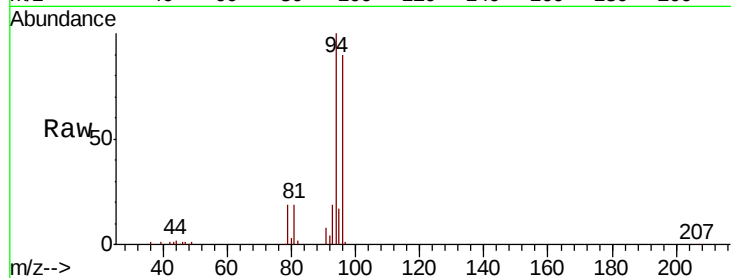
96 90.2 76.2 114.4

Manual Integrations

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11/20/2018 4:52:53 PM



#6

Chloroethane

Concen: 53.408 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006962.D

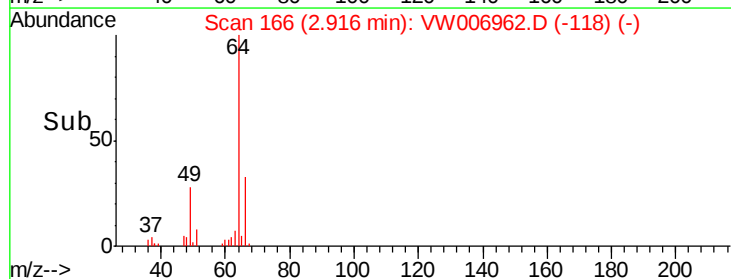
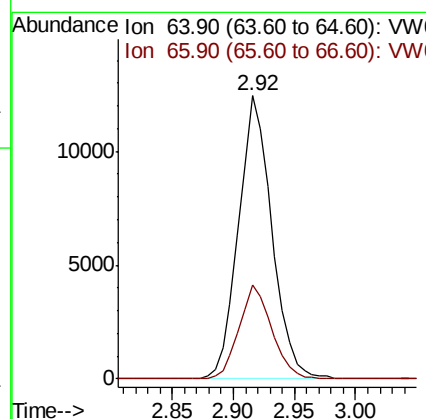
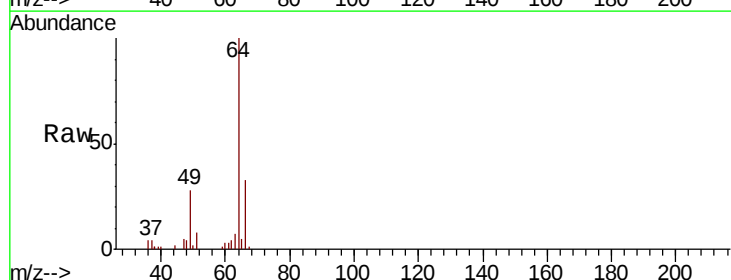
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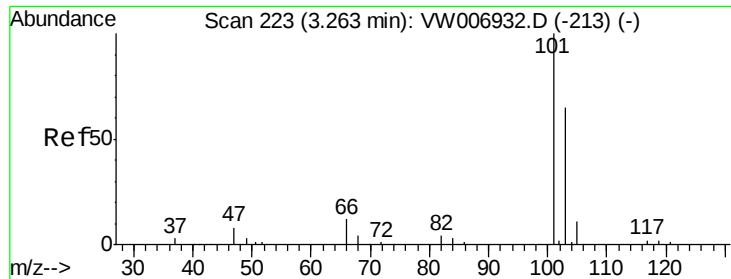
Tgt Ion: 64 Resp: 23469

Ion Ratio Lower Upper

64 100

66 33.0 24.0 36.0





#7

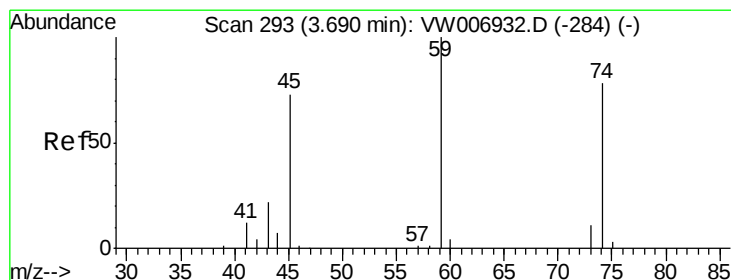
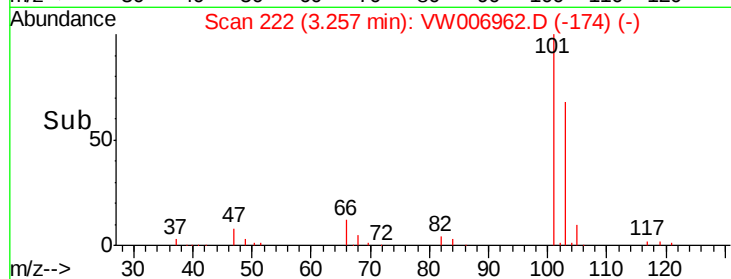
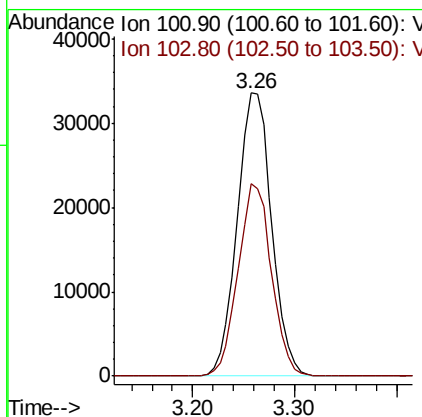
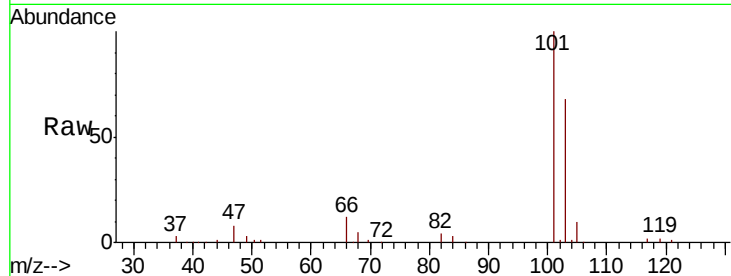
Trichlorofluoromethane
Concen: 50.796 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

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MMTW-03(8-10)MSD

Tot Ion:101 Resp: 78885
Ion Ratio Lower Upper
101 100
103 67.8 52.2 78.2

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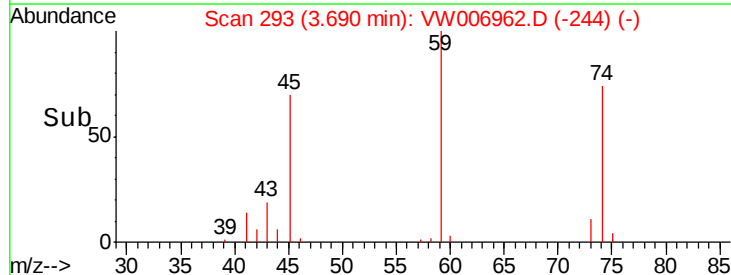
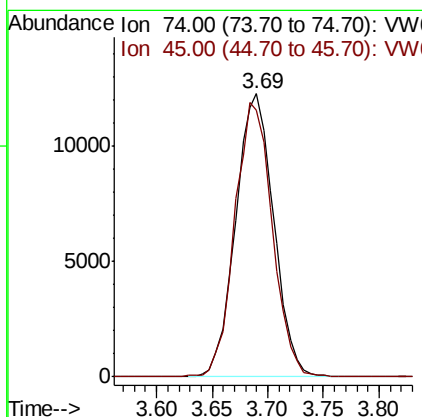
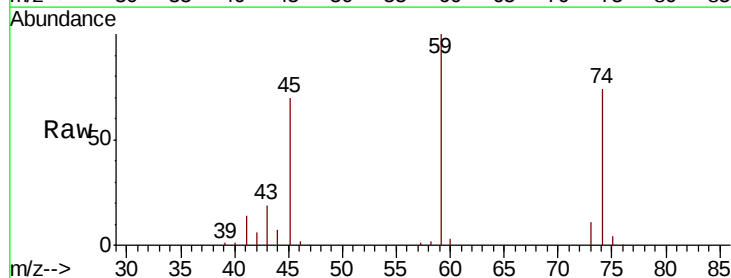
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11/20/2018 4:52:53 PM

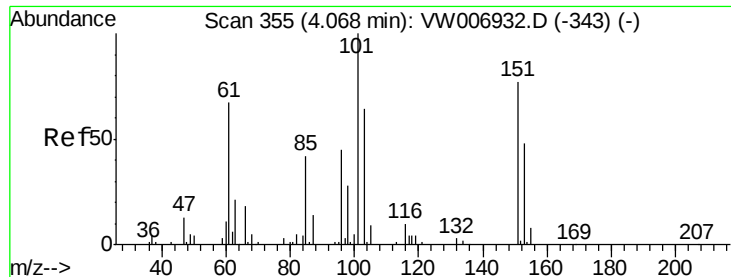


#8

Diethyl Ether
Concen: 51.630 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion: 74 Resp: 29015
Ion Ratio Lower Upper
74 100
45 95.8 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.800 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Instrument :

MSVOA_W

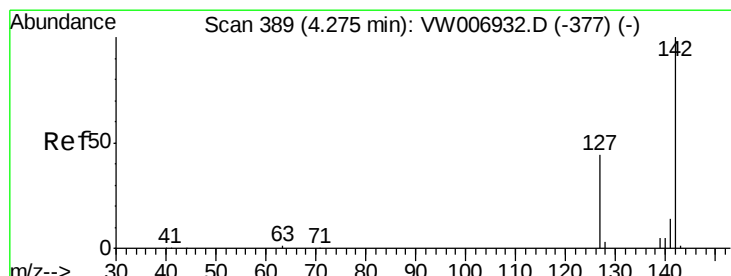
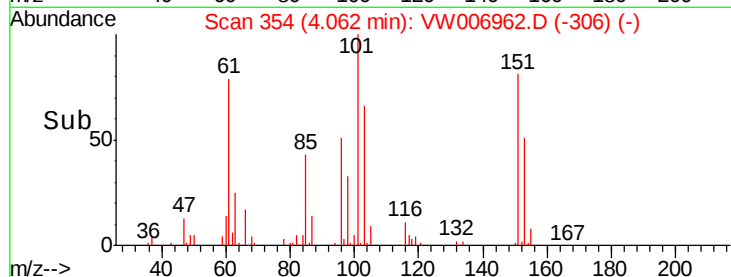
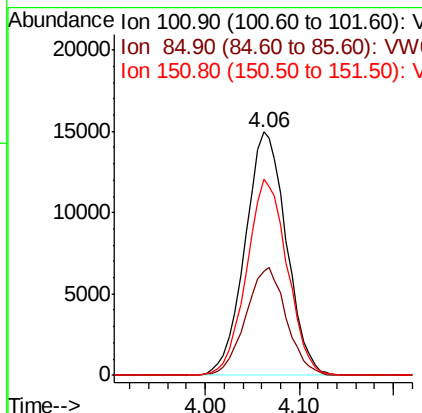
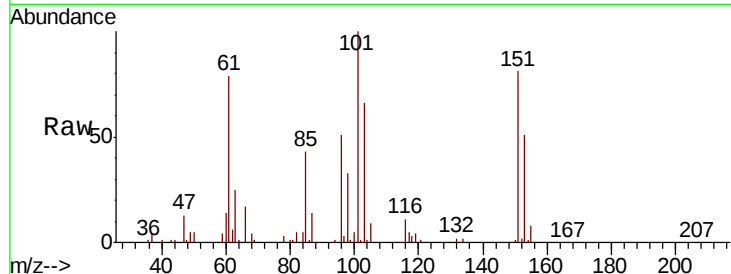
ClientSampleId :

MMTW-03(8-10)MSD

Tot Ion:	101	Resp:	45933
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.5	51.7
151	79.3	61.5	92.3

Manual Integrations
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#10

Methyl Iodide

Concen: 48.986 ug/l

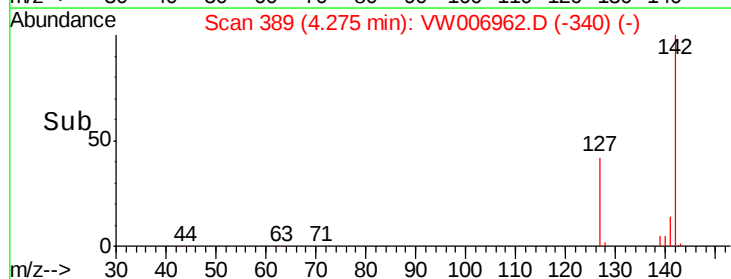
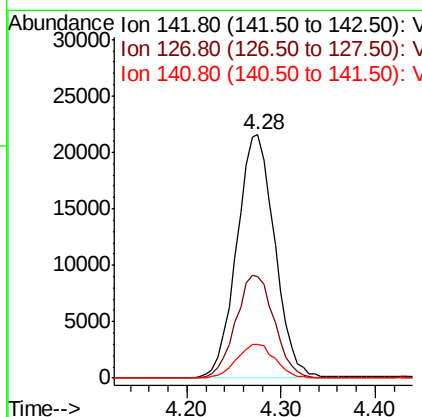
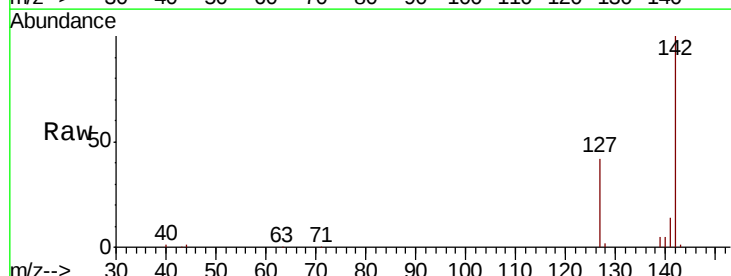
RT: 4.28 min Scan# 389

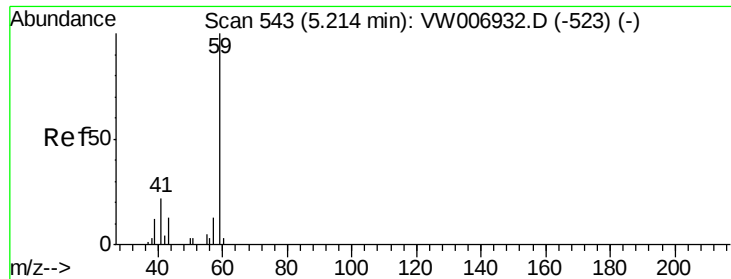
Delta R.T. 0.00 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Tgt Ion:	142	Resp:	60688
Ion Ratio	Lower	Upper	
142	100		
127	42.8	34.4	51.6
141	14.0	11.5	17.3





#11

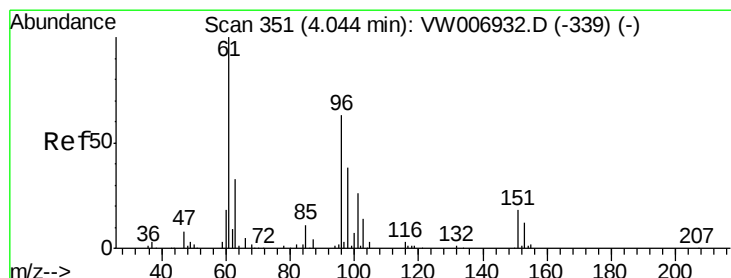
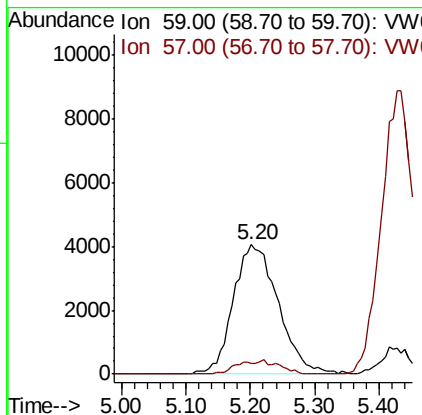
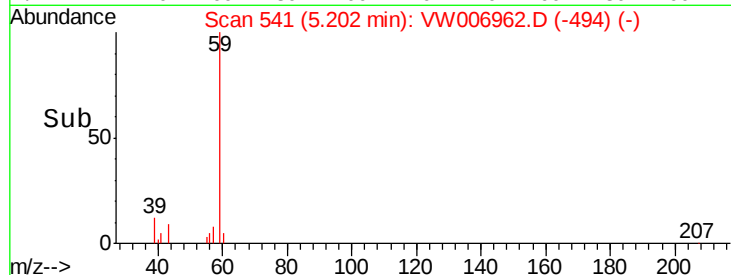
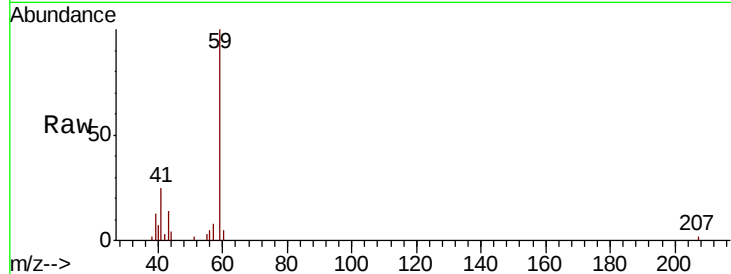
Tert butyl alcohol
Concen: 236.960 ug/l
RT: 5.20 min Scan# 541
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.9	8.8	13.2#

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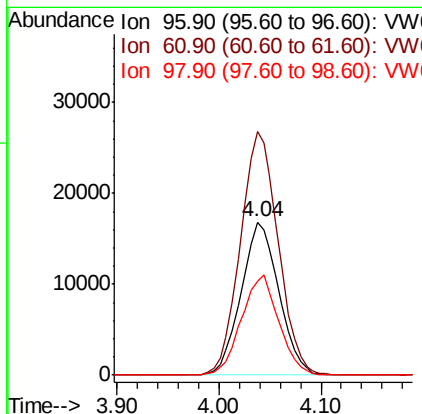
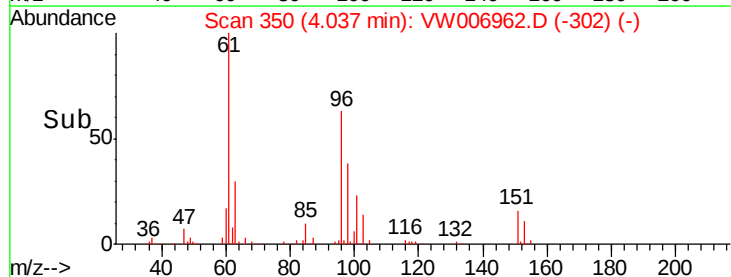
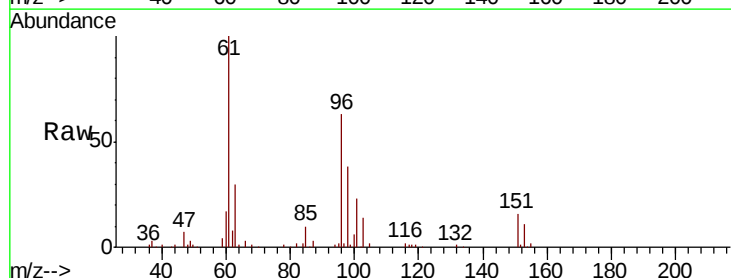
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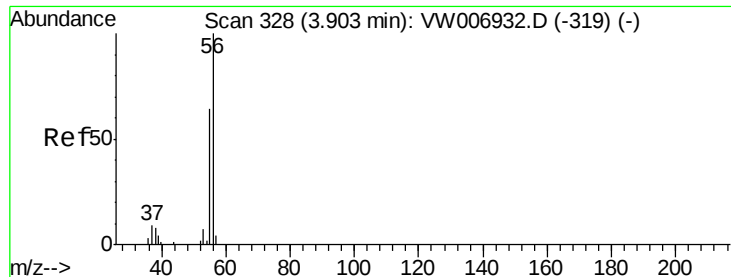


#12

1,1-Dichloroethene
Concen: 47.968 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.4	127.8	191.8
98	61.3	48.3	72.5





#13

Acrolein

Concen: 307.053 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Instrument :

MSVOA_W

ClientSampleId :

MMTW-03(8-10)MSD

Tot Ion: 56 Resp: 23054

Ion Ratio Lower Upper

56 100

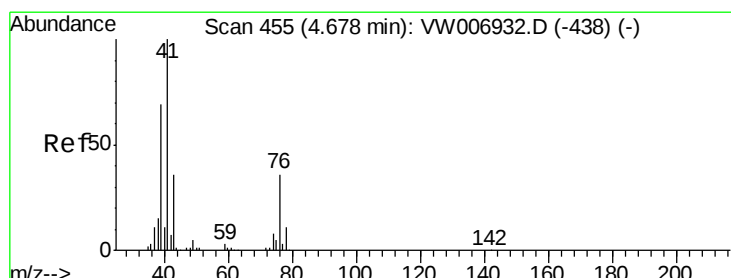
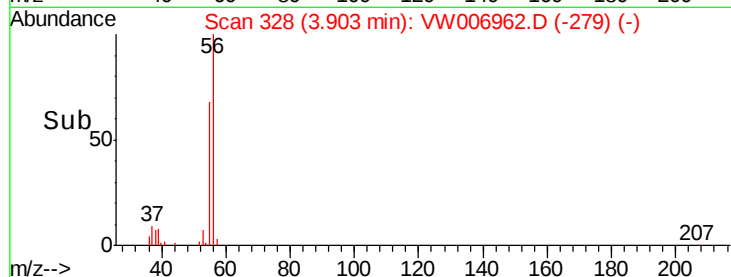
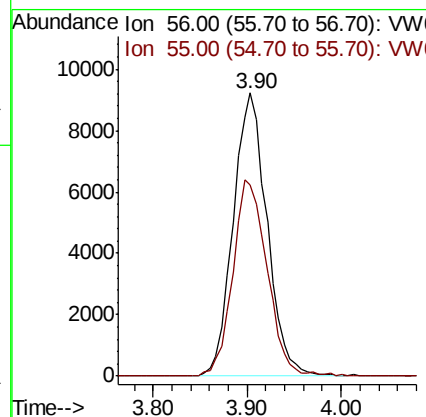
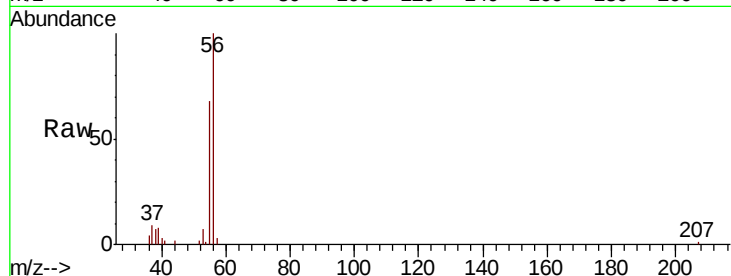
55 69.8 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 47.037 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

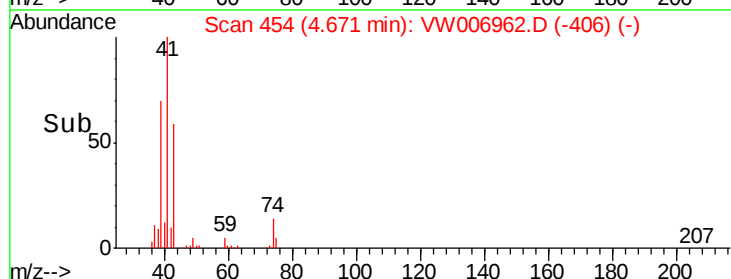
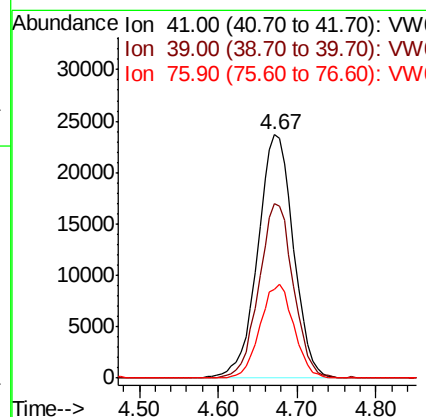
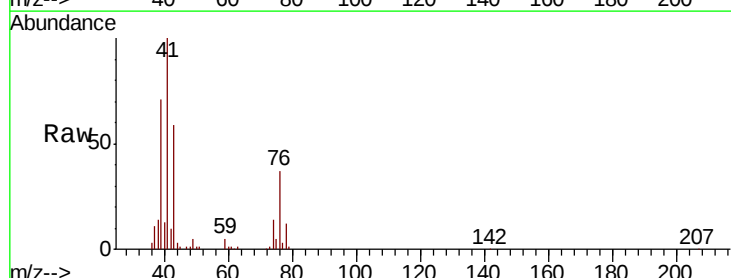
Tgt Ion: 41 Resp: 74455

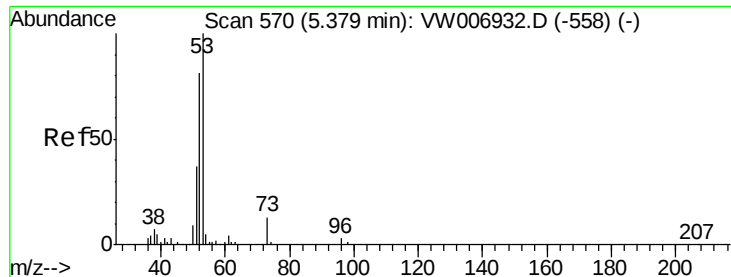
Ion Ratio Lower Upper

41 100

39 68.9 55.0 82.4

76 36.1 28.0 42.0





#15

Acrylonitrile

Concen: 281.436 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Instrument :

MSVOA_W

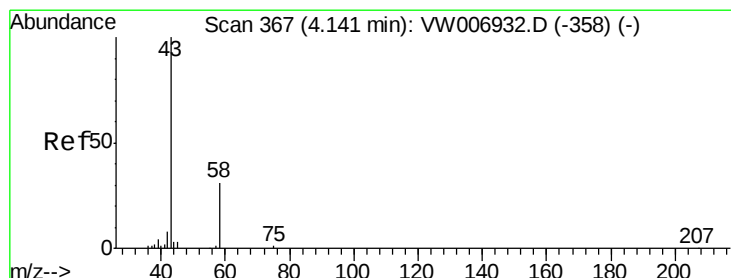
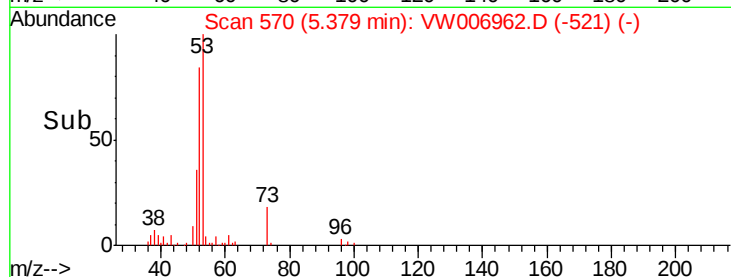
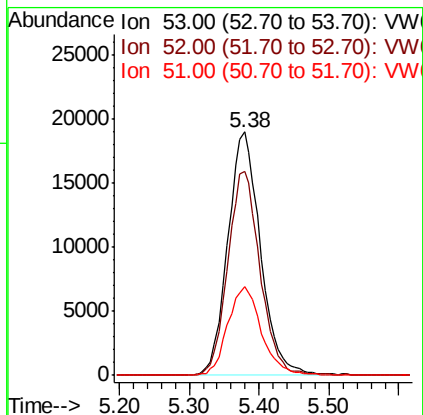
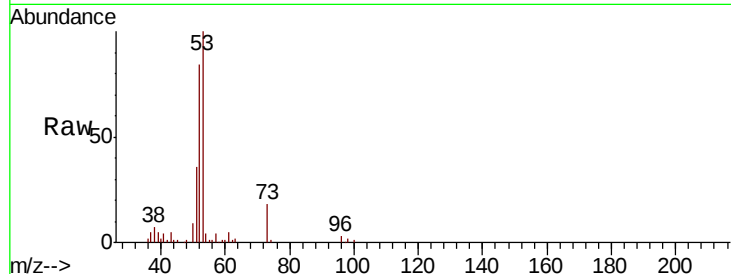
ClientSampleId :

MMTW-03(8-10)MSD

Tot Ion:	53	Resp:	61557
Ion Ratio	Lower	Upper	
53	100		
52	82.8	67.0	100.6
51	37.6	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 267.717 ug/l

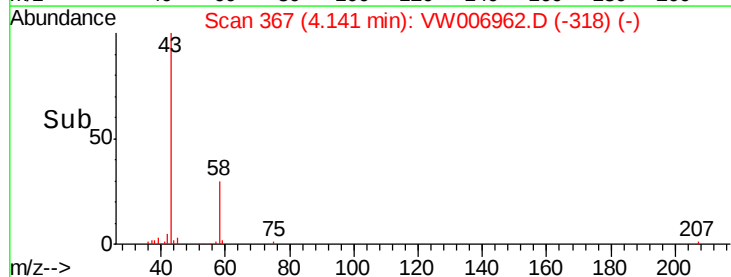
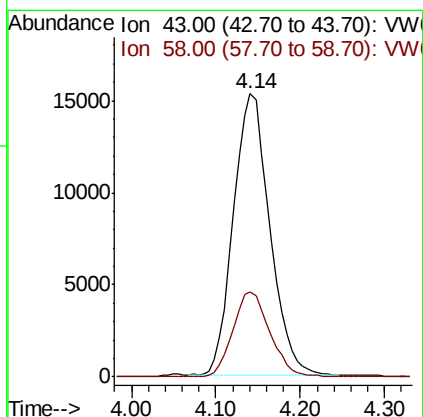
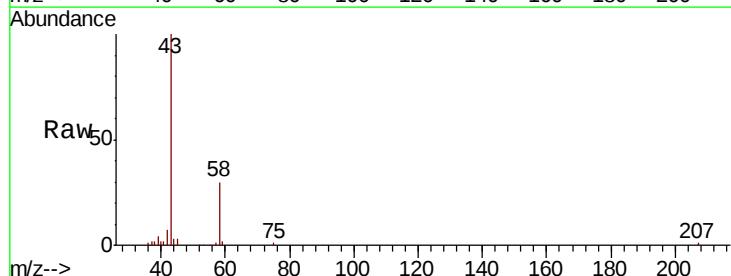
RT: 4.14 min Scan# 367

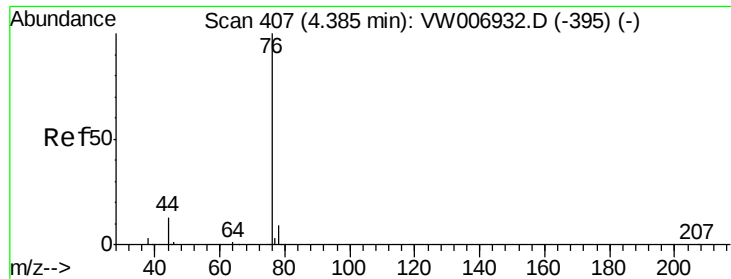
Delta R.T. -0.00 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Tgt Ion:	43	Resp:	44570
Ion Ratio	Lower	Upper	
43	100		
58	30.2	24.2	36.4





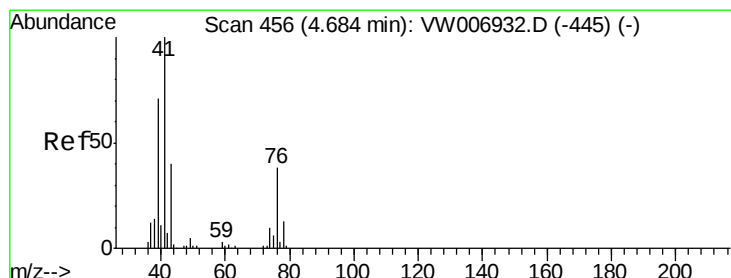
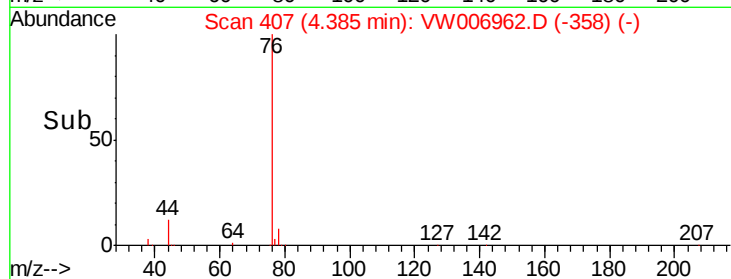
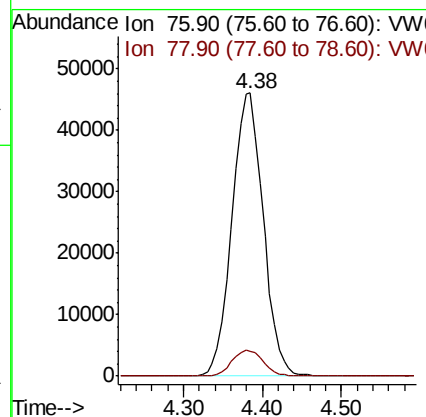
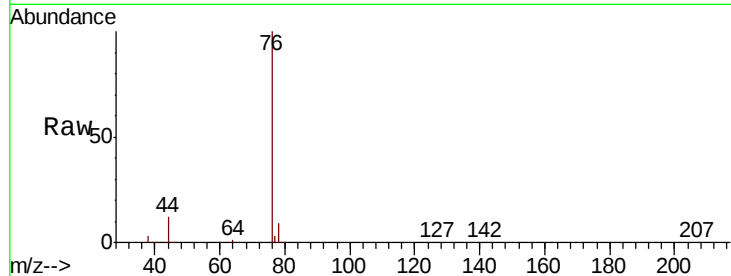
#17
Carbon Disulfide
Concen: 44.677 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.1	10.7

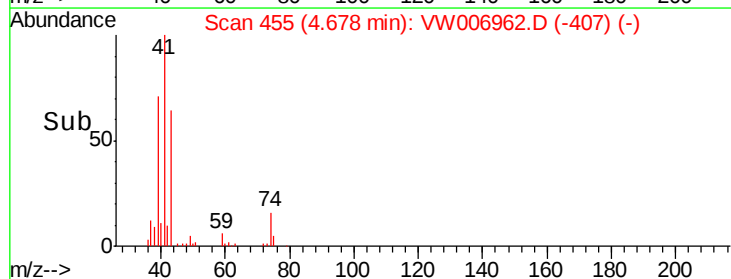
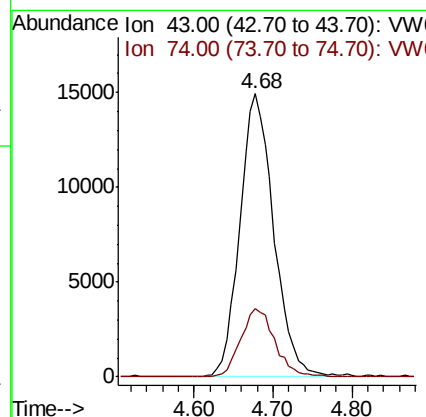
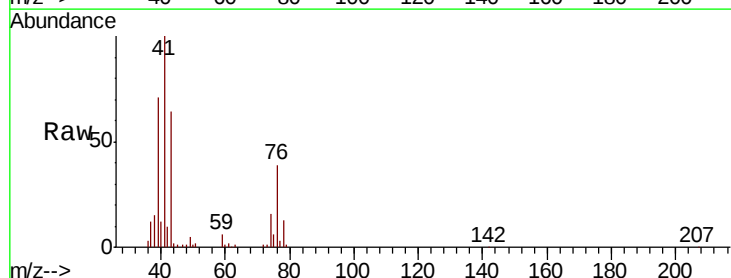
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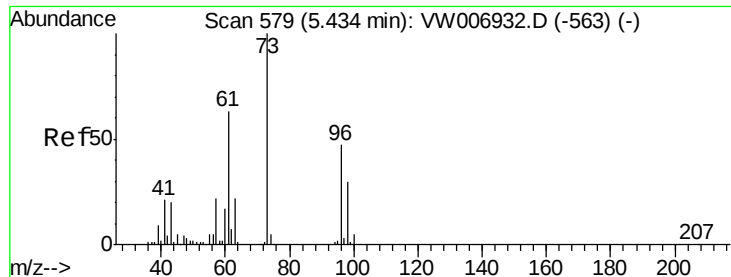
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#18
Methyl Acetate
Concen: 73.325 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	20.3	30.5





#19

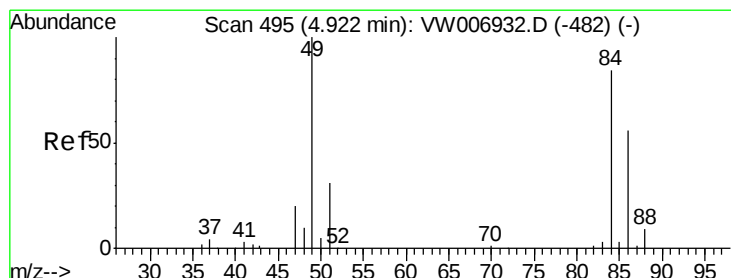
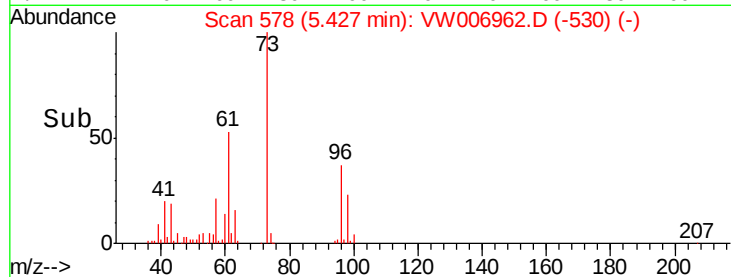
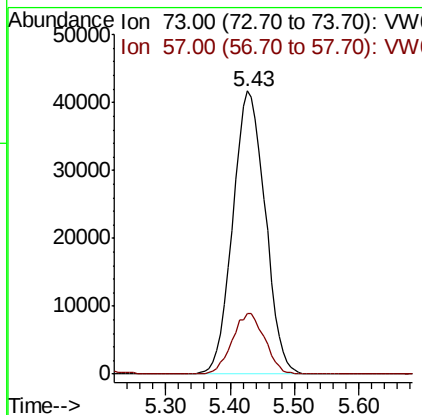
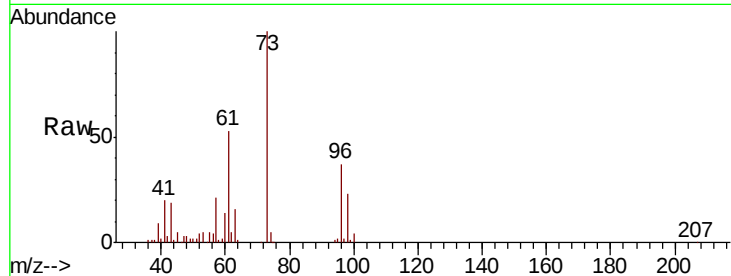
Methyl tert-butyl Ether
 Concen: 55.098 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-03(8-10)MSD

Tot Ion: 73 Resp: 145335
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.5 26.3

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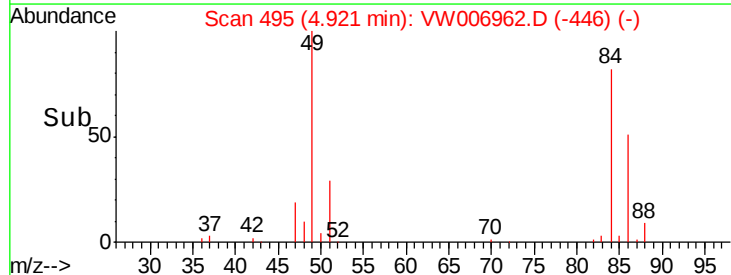
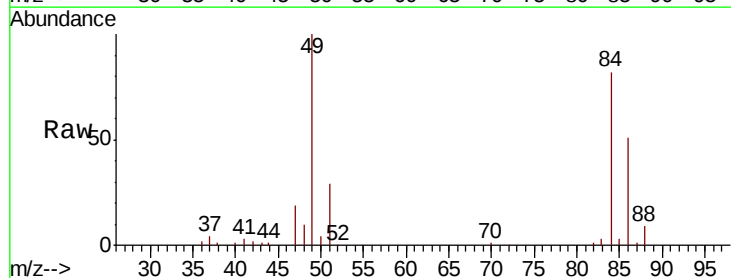
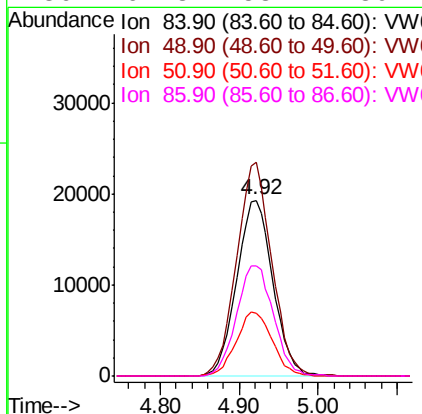
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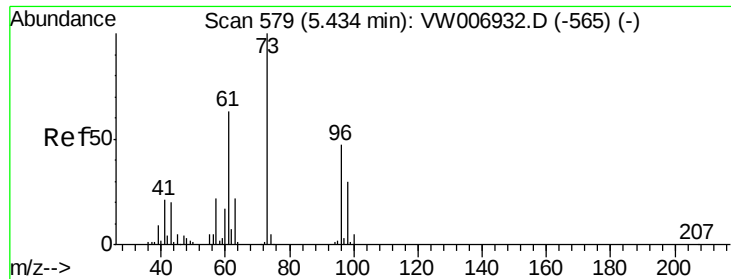


#20

Methylene Chloride
 Concen: 53.854 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Tgt Ion: 84 Resp: 61449
 Ion Ratio Lower Upper
 84 100
 49 121.6 95.4 143.2
 51 35.6 29.5 44.3
 86 62.3 53.4 80.2





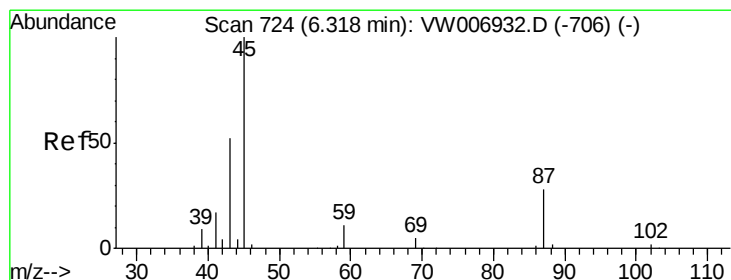
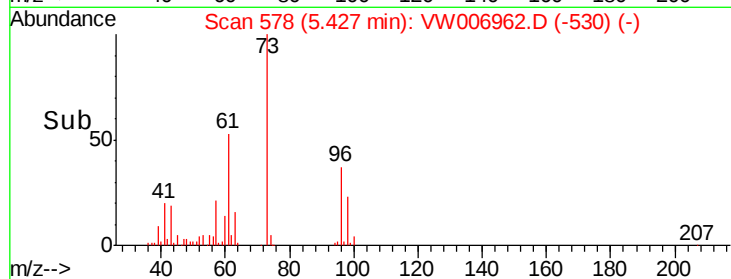
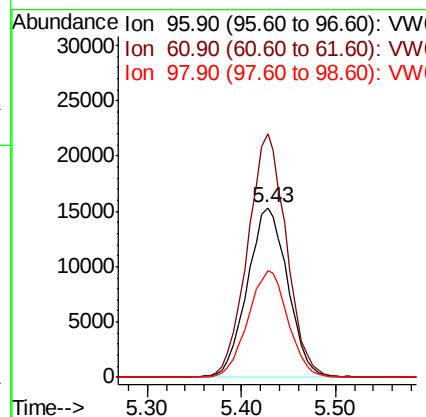
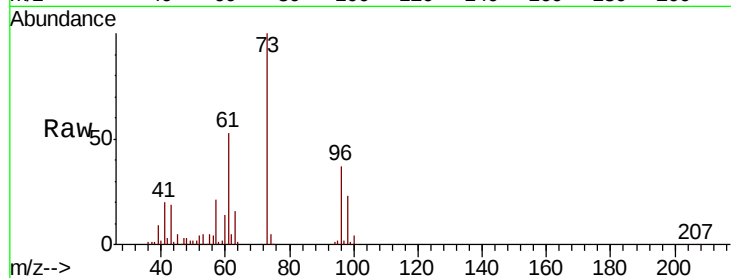
#21
trans-1,2-Dichloroethene
Concen: 42.793 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.4	108.2	162.4
98	62.6	50.6	76.0

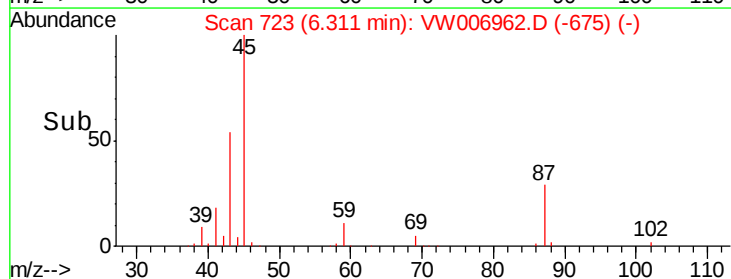
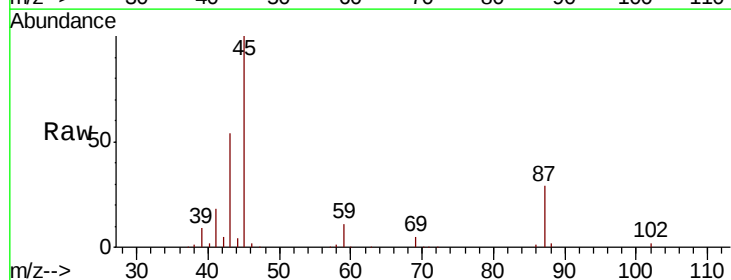
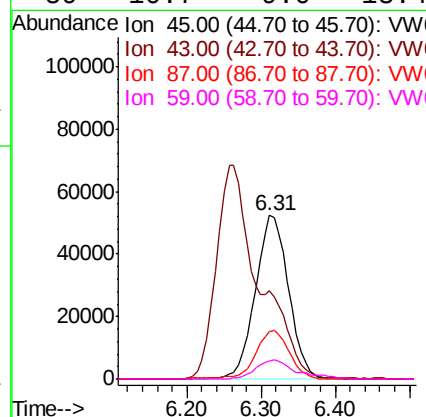
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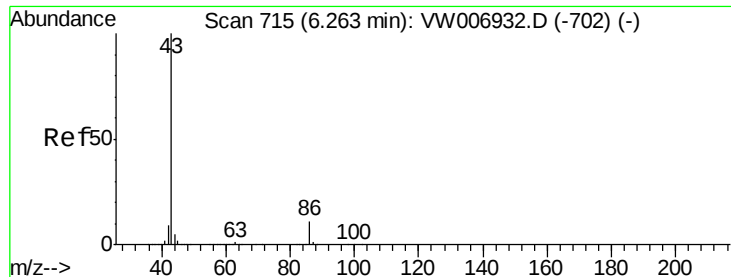
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#22
Diisopropyl ether
Concen: 50.774 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.3	43.1	64.7
87	29.3	22.7	34.1
59	10.7	9.0	13.4





#23

Vinyl Acetate

Concen: 153.026 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Instrument :

MSVOA_W

ClientSampleId :

MMTW-03(8-10)MSD

Tot Ion: 43 Resp: 273788

Ion Ratio Lower Upper

43 100

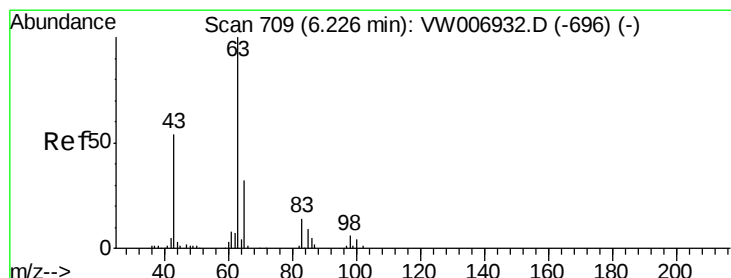
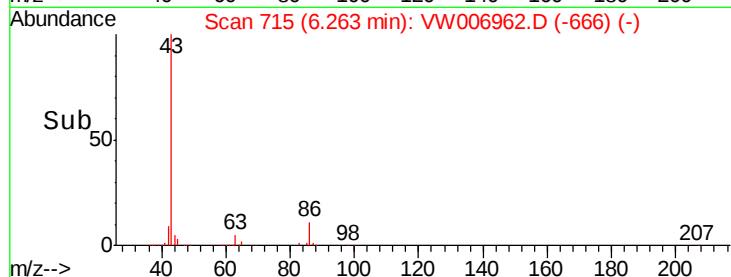
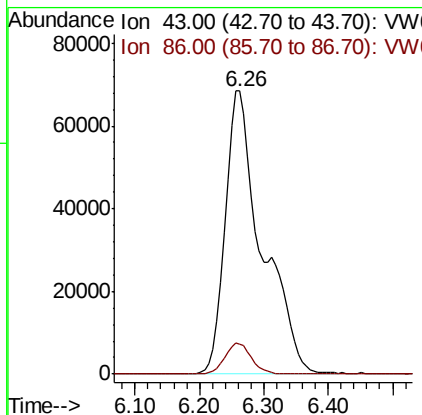
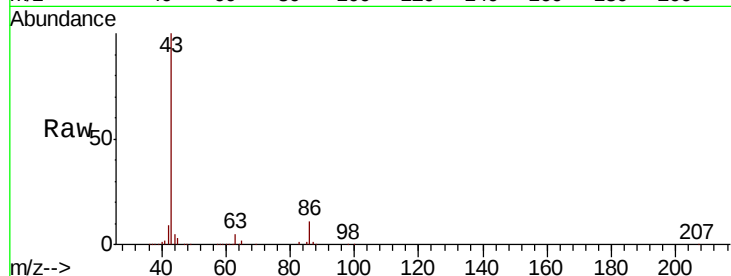
86 10.7 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 49.397 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

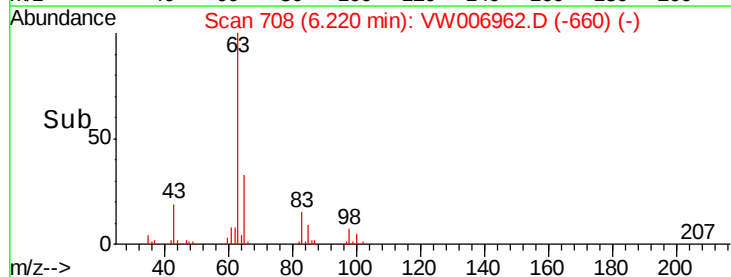
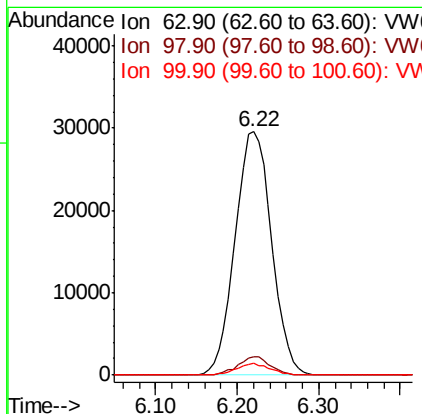
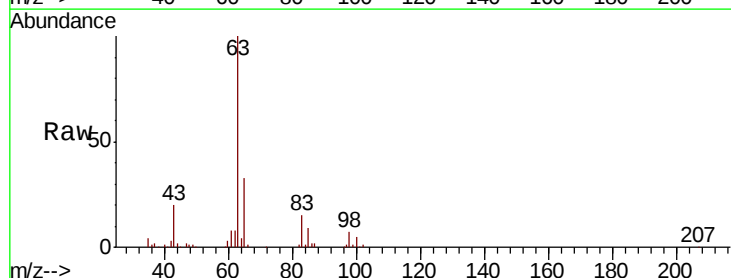
Tgt Ion: 63 Resp: 91900

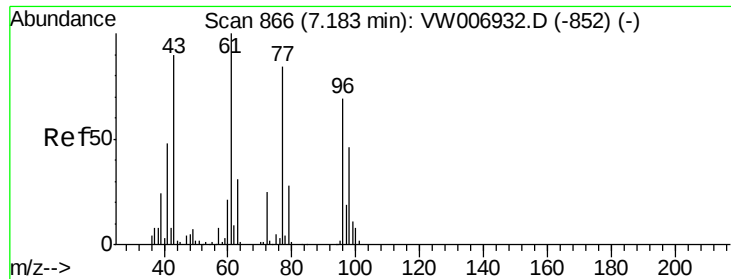
Ion Ratio Lower Upper

63 100

98 7.3 3.2 9.6

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 283.278 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Instrument :

MSVOA_W

ClientSampleId :

MMTW-03(8-10)MSD

Tot Ion: 43 Resp: 78323

Ion Ratio Lower Upper

43 100

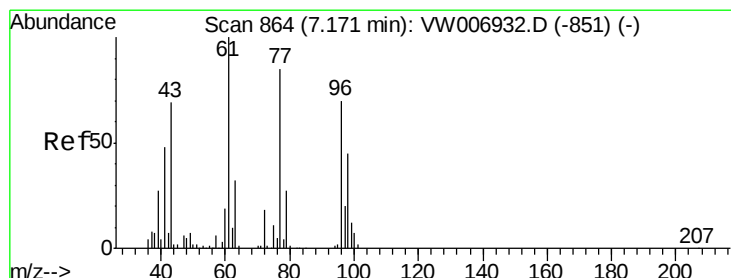
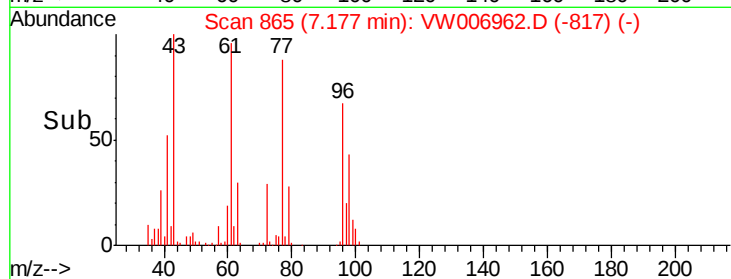
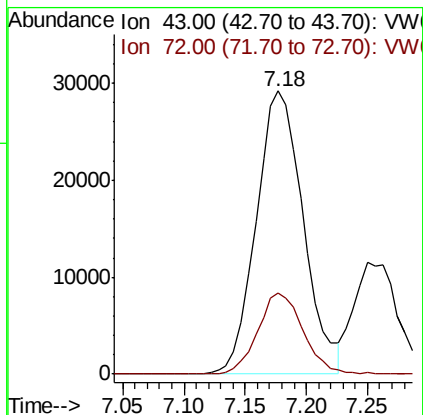
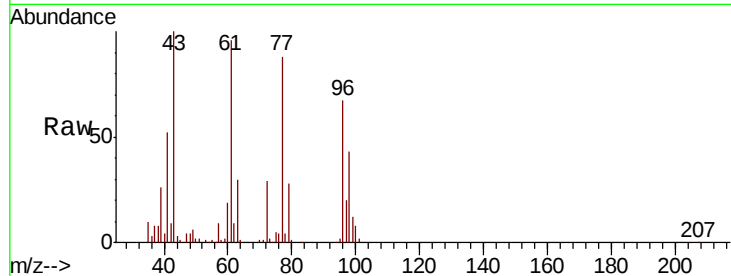
72 28.7 22.1 33.1

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#26

2,2-Dichloropropane

Concen: 47.760 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006962.D

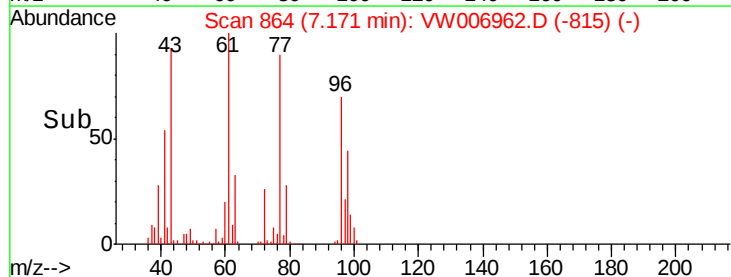
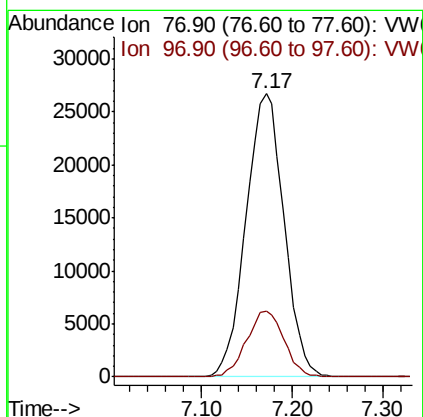
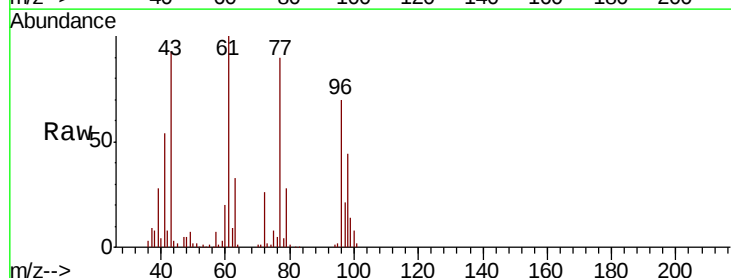
Acq: 19 Nov 2018 23:57

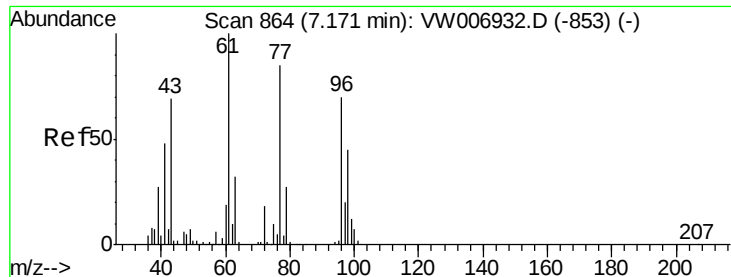
Tgt Ion: 77 Resp: 77529

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9





#27

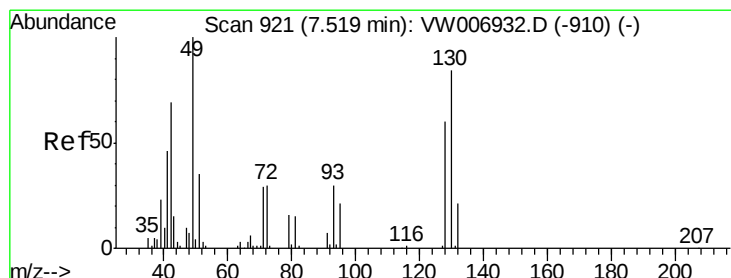
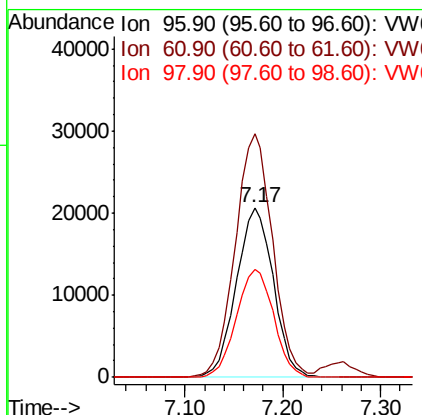
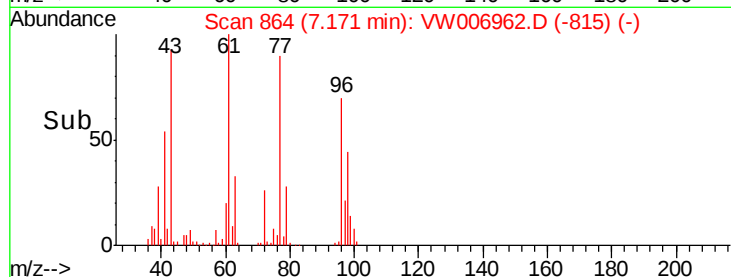
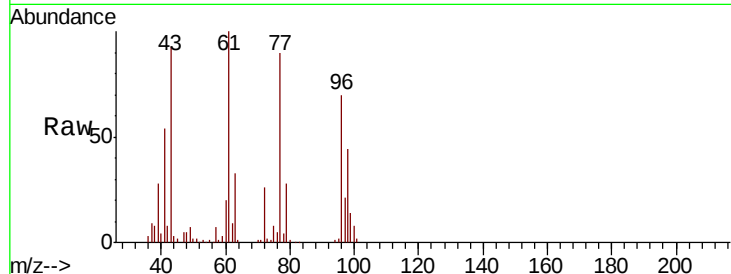
cis-1,2-Dichloroethene
Concen: 45.458 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.8	0.0	293.8	
98	64.2	0.0	131.0	

Manual Integrations
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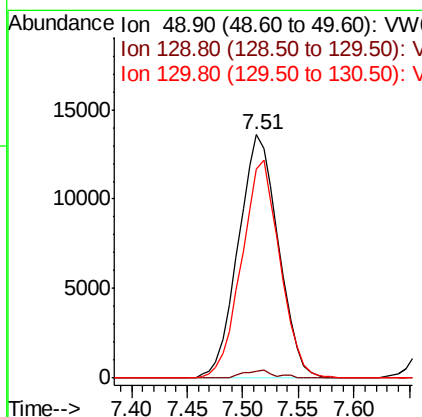
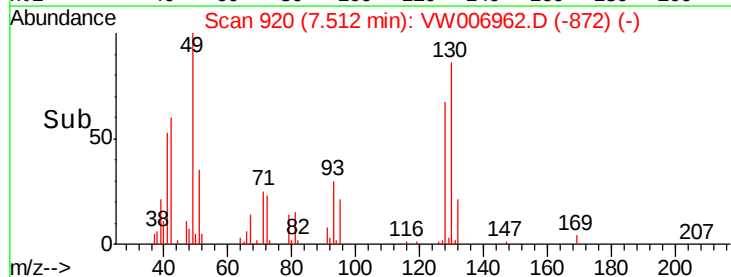
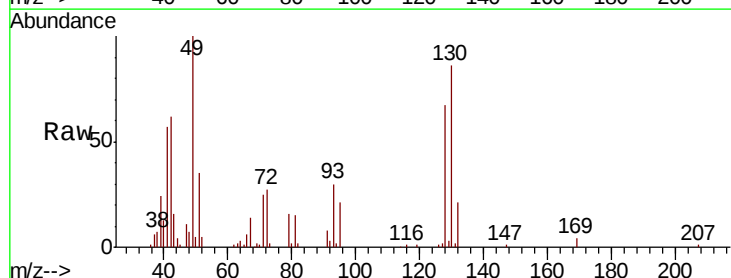
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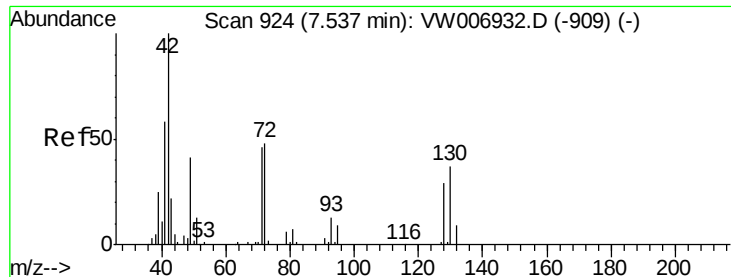


#28

Bromochloromethane
Concen: 49.729 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	1.6#	
130	85.7	66.1	99.1	





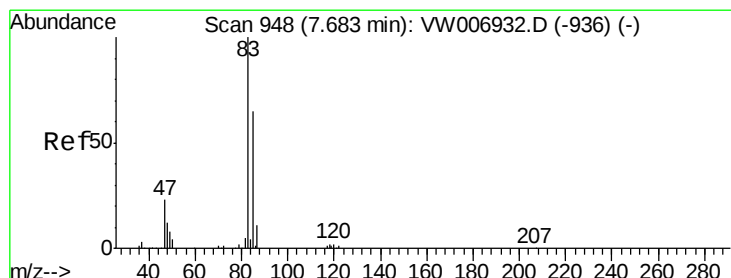
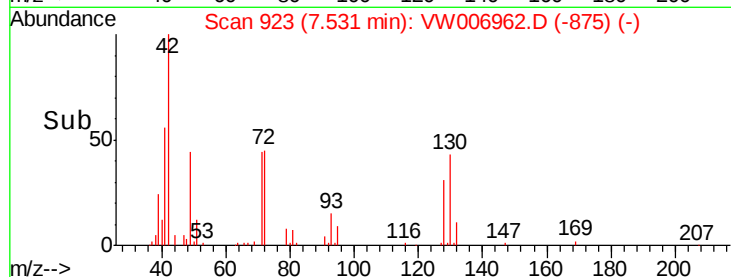
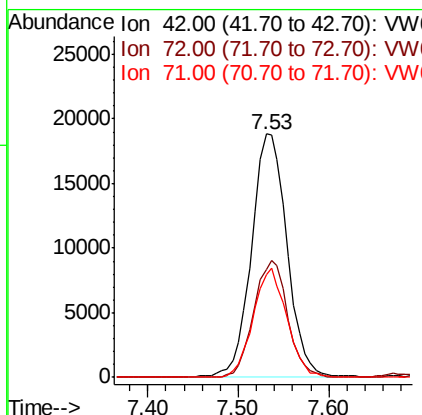
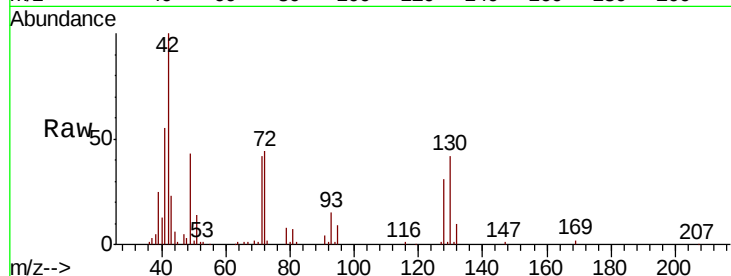
#29
Tetrahydrofuran
Concen: 284.493 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	35.7	53.5
71	42.3	33.7	50.5

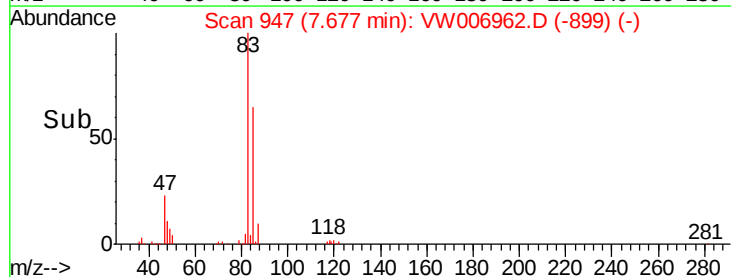
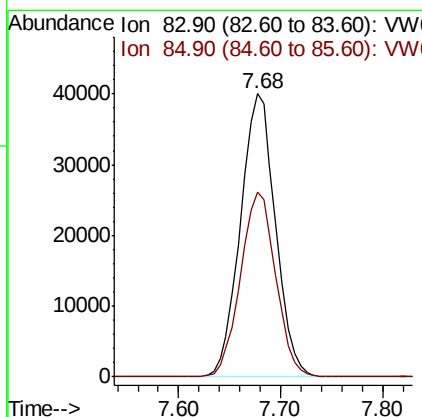
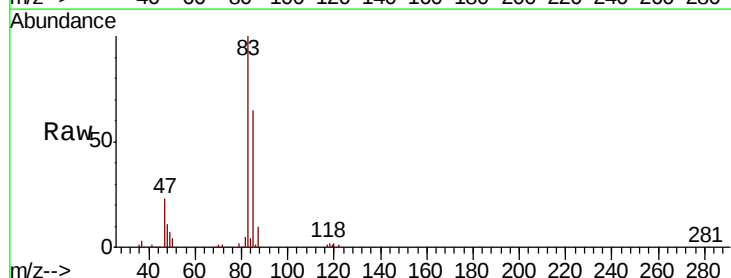
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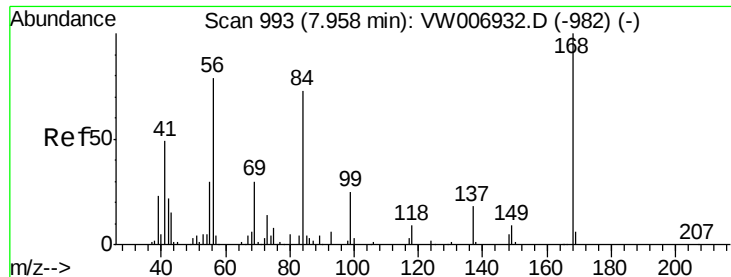
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#30
Chloroform
Concen: 46.795 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.2	78.4





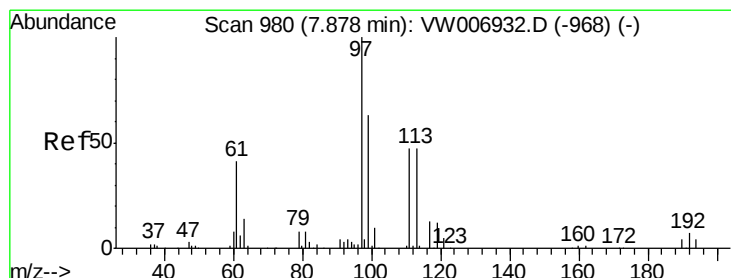
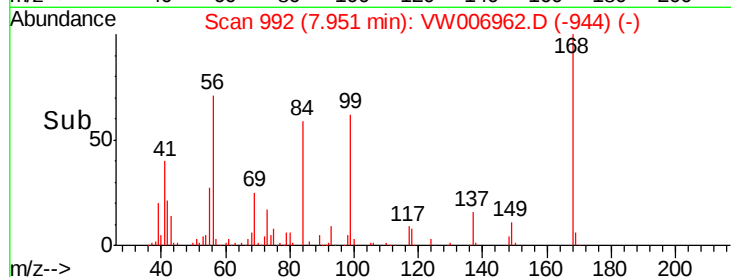
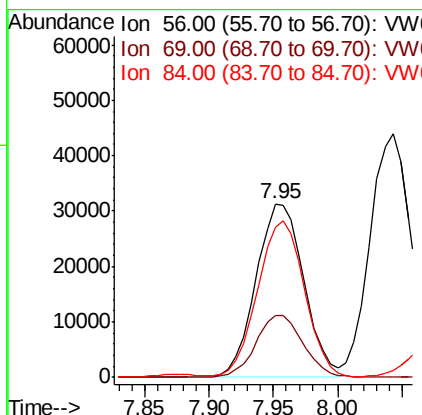
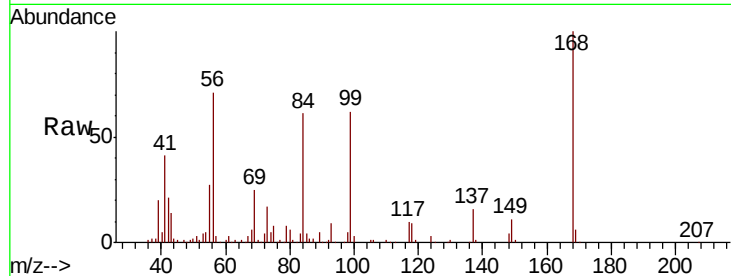
#31
Cyclohexane
Concen: 43.297 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.1	30.2	45.2
84	84.4	73.6	110.4

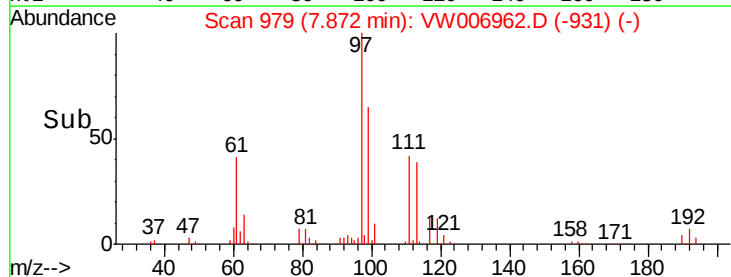
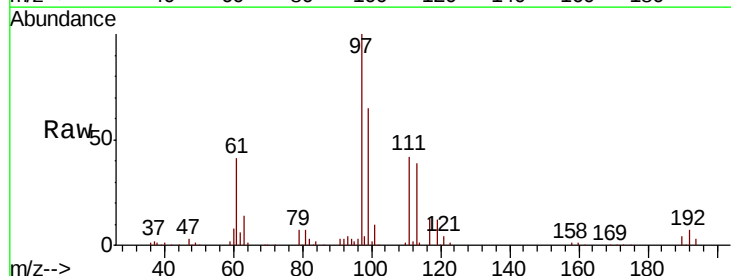
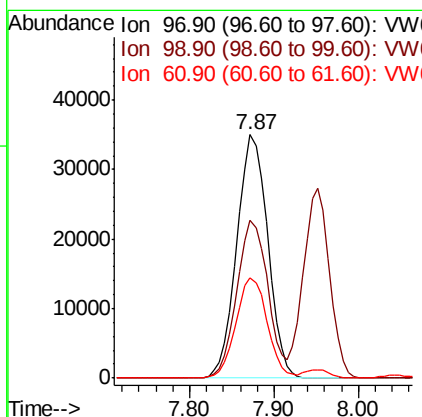
Manual Integrations
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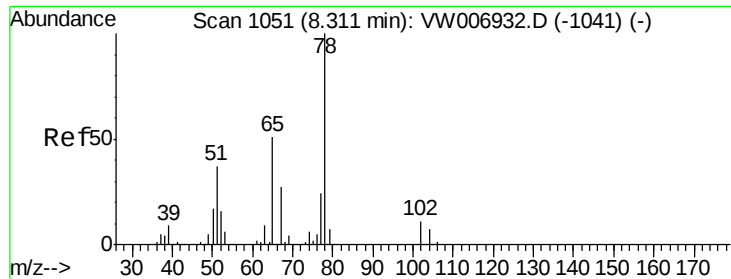
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#32
1,1,1-Trichloroethane
Concen: 49.554 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.0	76.6
61	41.7	34.2	51.2





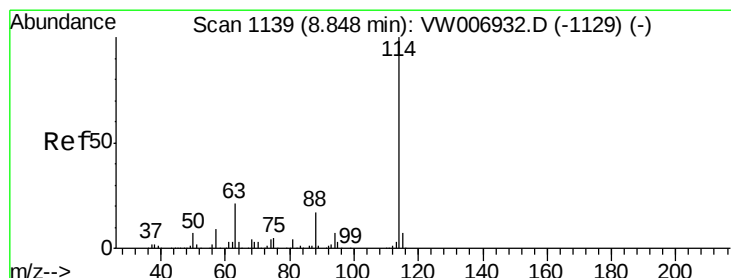
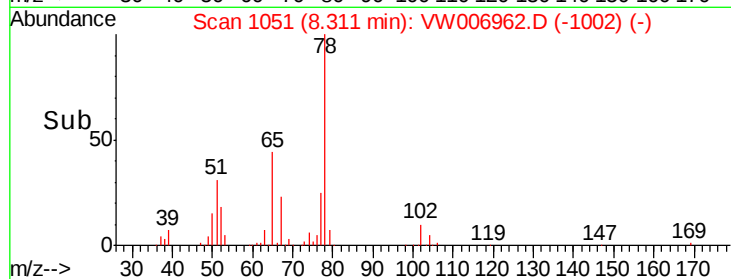
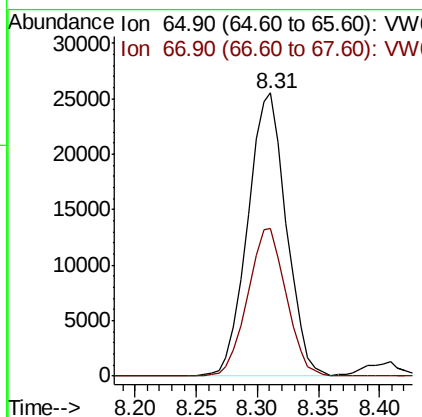
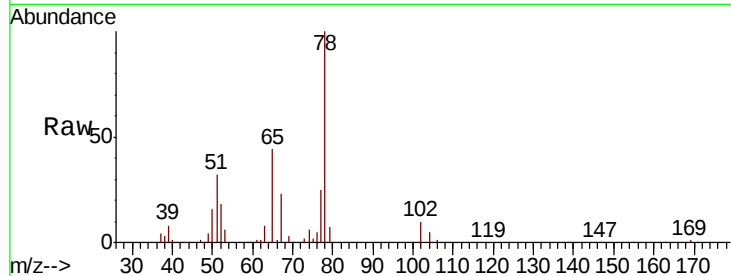
#33
 1,2-Dichloroethane-d4
 Concen: 51.455 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-03(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	56004		
67	52.1	0.0	104.0	

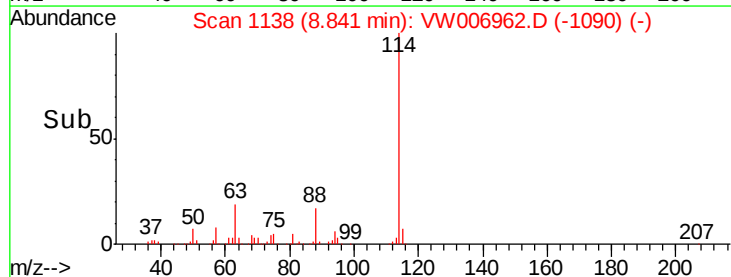
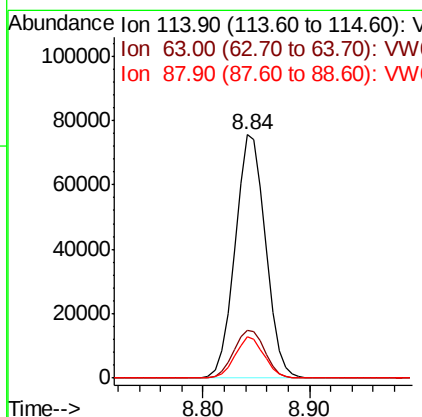
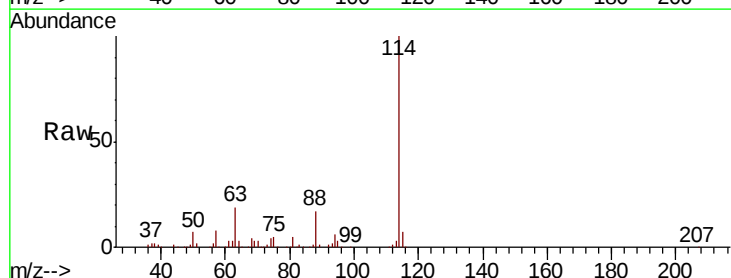
Manual Integrations
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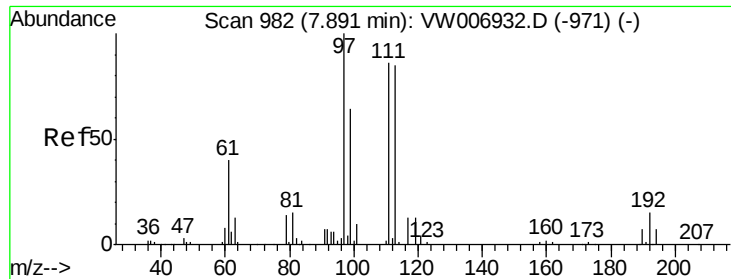
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	151722		
63	19.4	0.0	42.2	
88	17.1	0.0	33.4	





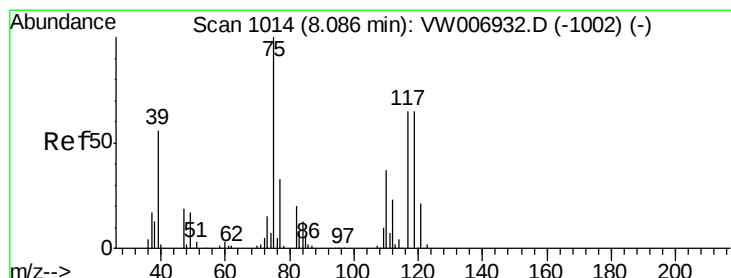
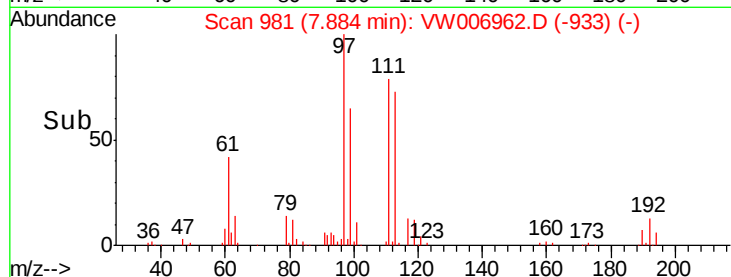
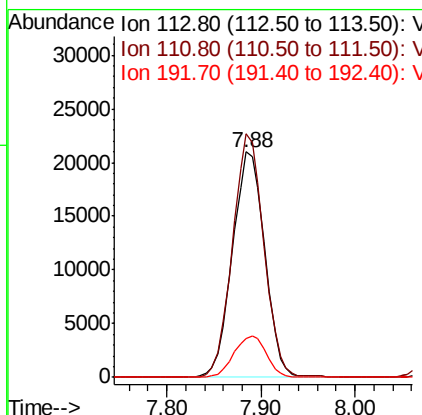
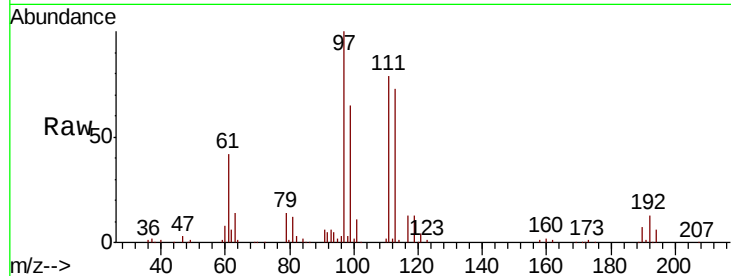
#35
 Dibromofluoromethane
 Concen: 56.263 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.7	122.5
192	18.3	13.9	20.9

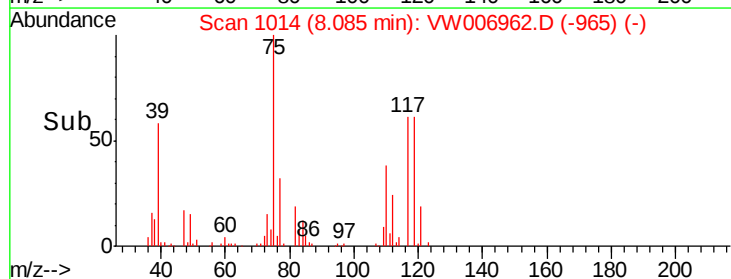
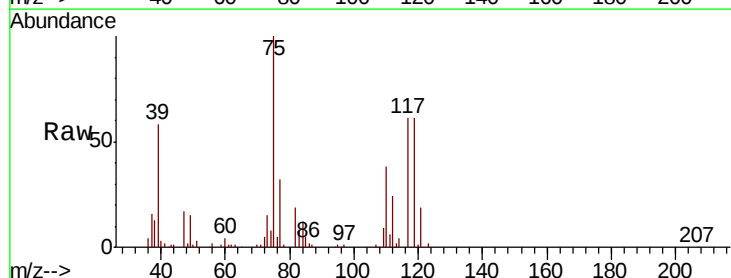
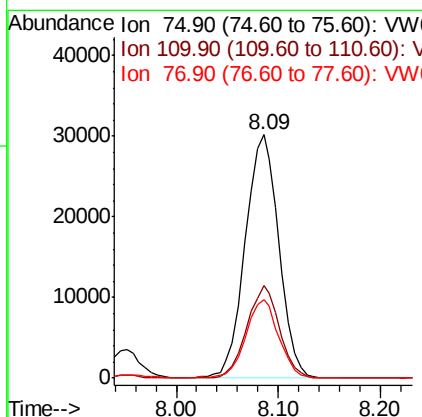
Manual Integrations
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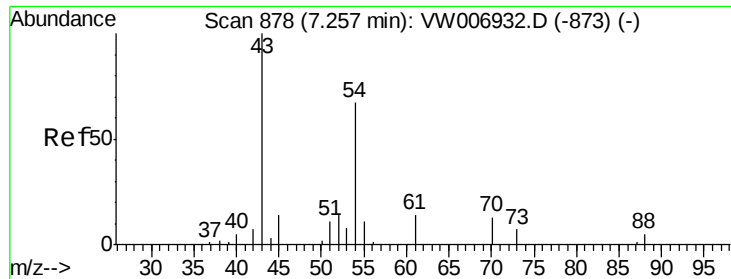
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#36
 1,1-Dichloropropene
 Concen: 47.894 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.1	54.1
77	31.5	25.4	38.0





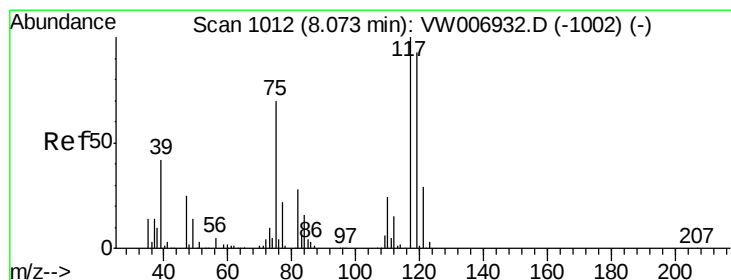
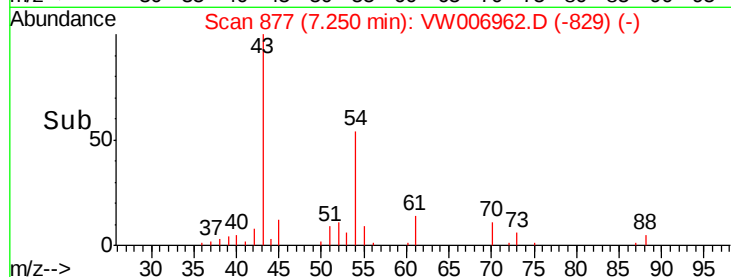
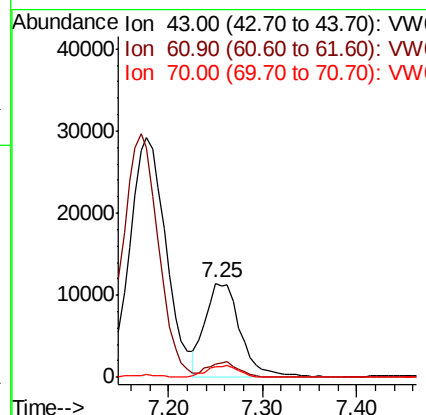
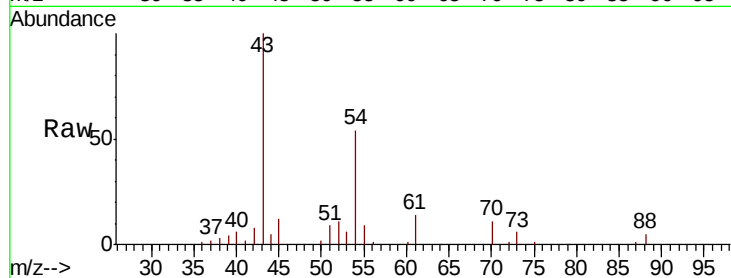
#37
Ethyl Acetate
Concen: 49.068 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.0	16.6
70	11.5	8.8	13.2

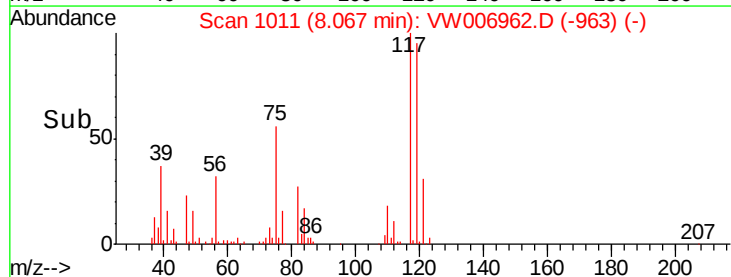
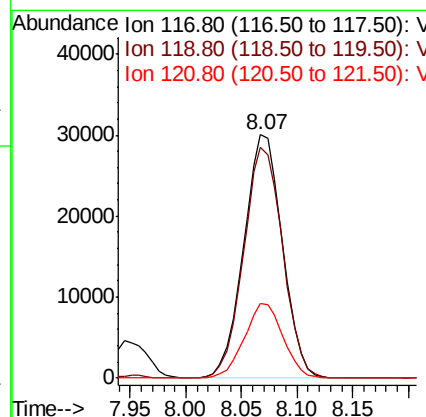
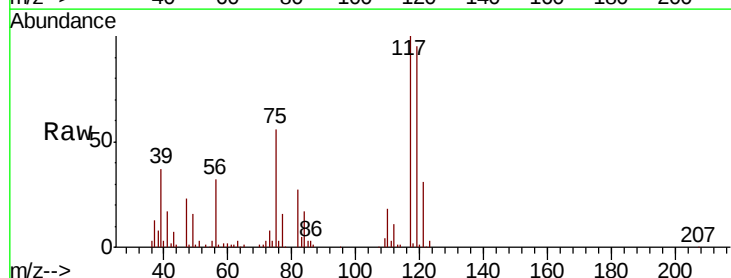
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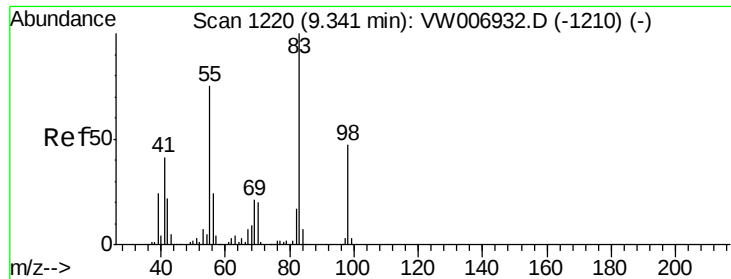
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#38
Carbon Tetrachloride
Concen: 51.030 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.2	111.4
121	30.7	23.5	35.3





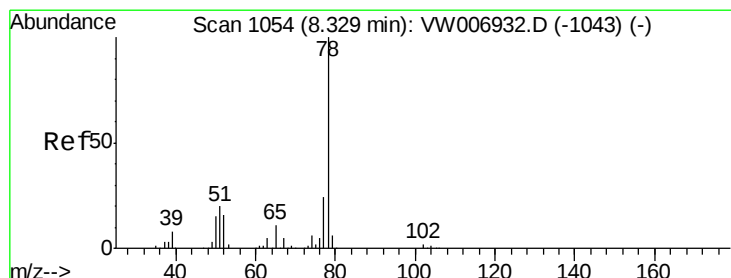
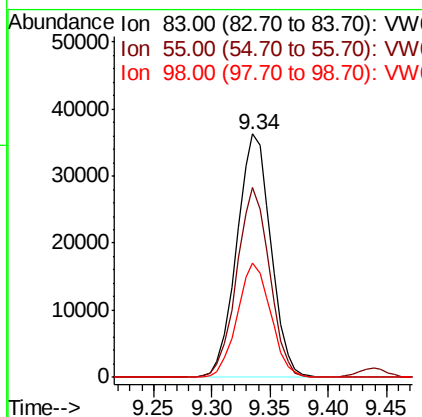
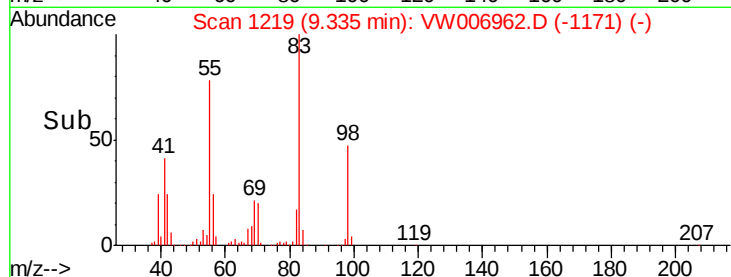
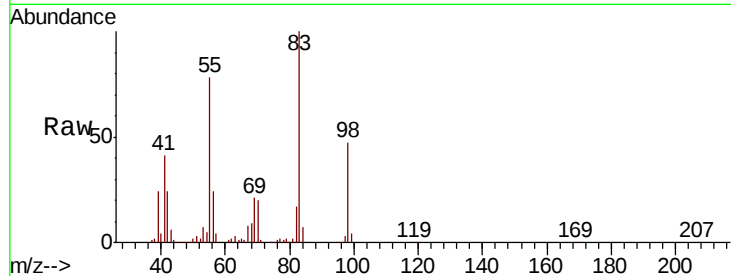
#39
Methvlcvclohexane
Concen: 41.244 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	60.2	90.4
98	46.7	37.3	55.9

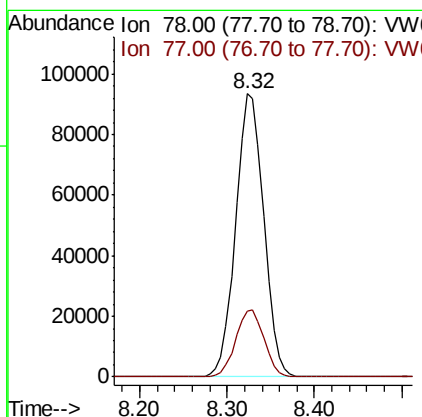
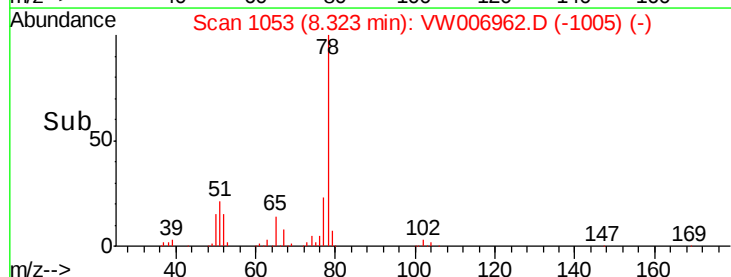
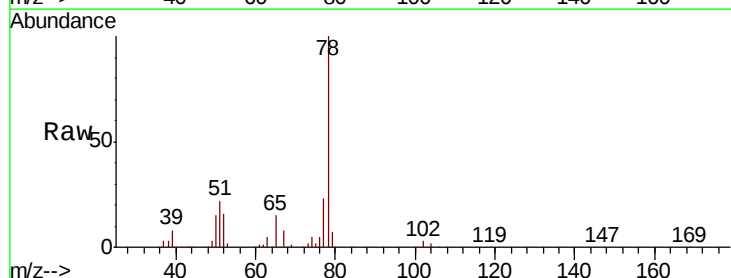
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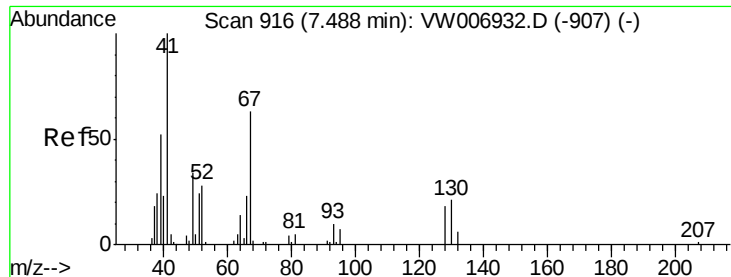
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#40
Benzene
Concen: 51.028 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





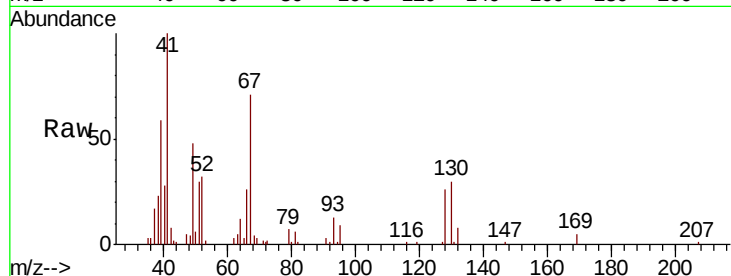
#41
Methacrylonitrile
Concen: 57.291 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.2	41.8	62.6
67	71.5	54.7	82.1
52	30.5	23.8	35.8

Manual Integrations
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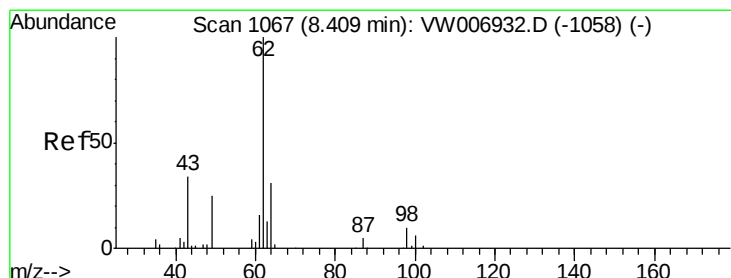
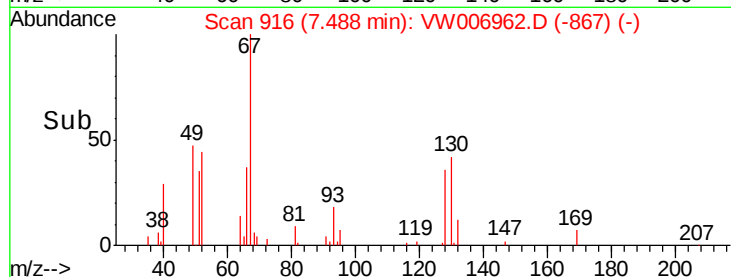
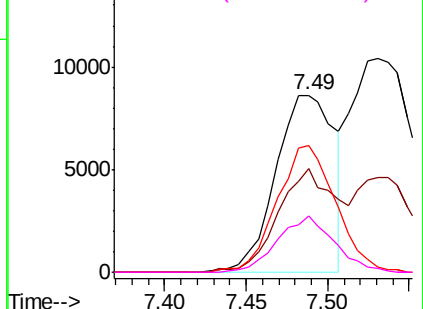
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

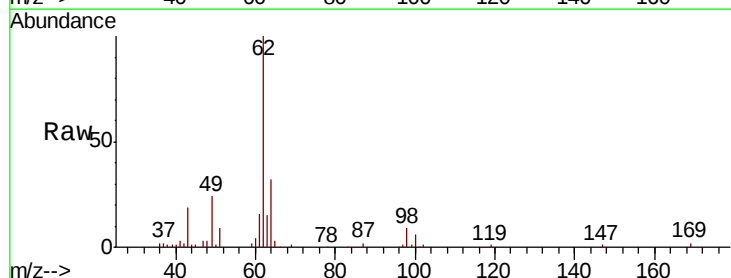
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 52.025 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

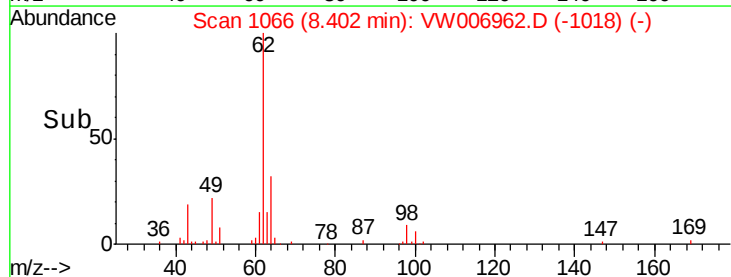
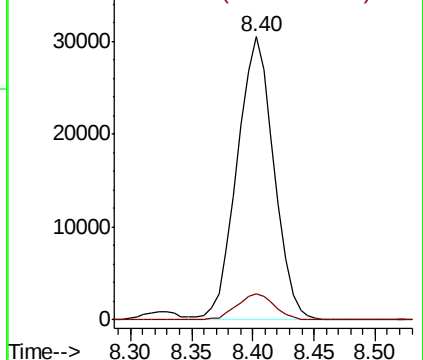
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2

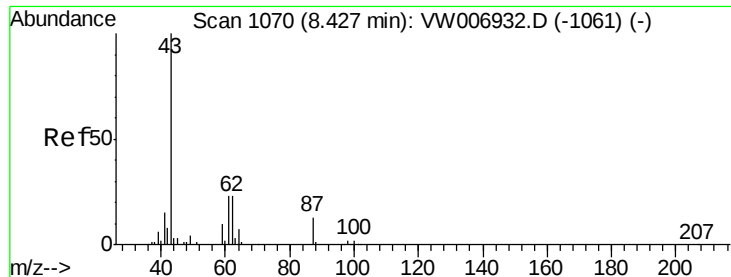


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 53.673 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Instrument :

MSVOA_W

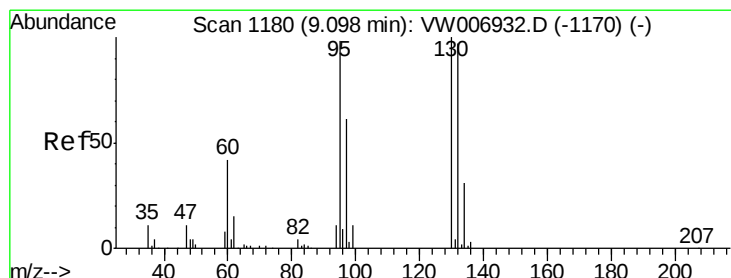
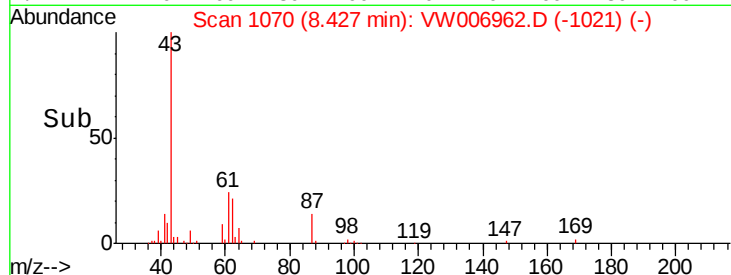
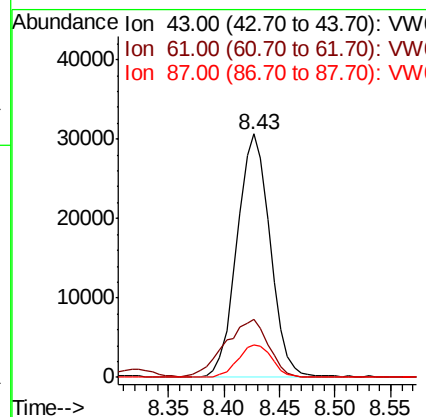
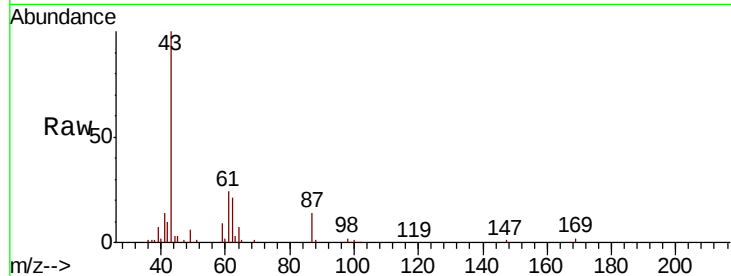
ClientSampleId :

MMTW-03(8-10)MSD

Tot Ion:	43	Resp:	63291
Ion	Ratio	Lower	Upper
43	100		
61	31.2	24.6	37.0
87	13.8	11.0	16.6

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#44

Trichloroethene

Concen: 48.521 ug/l

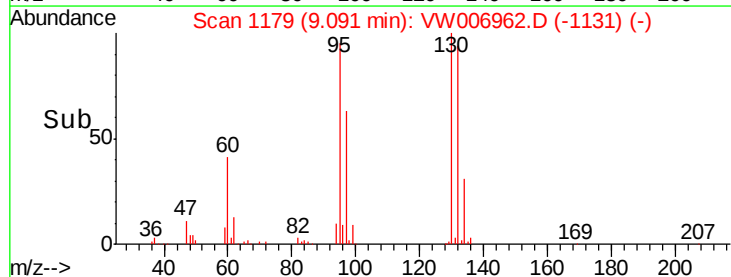
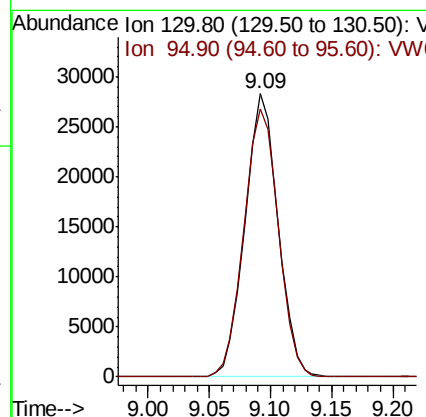
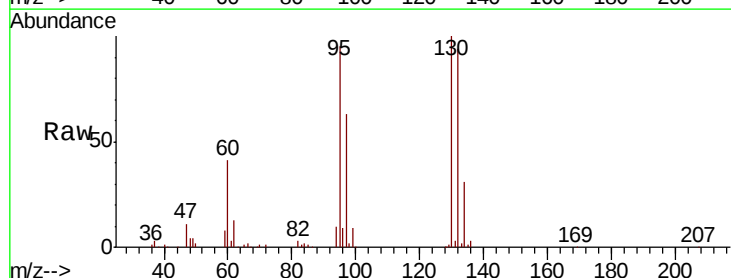
RT: 9.09 min Scan# 1179

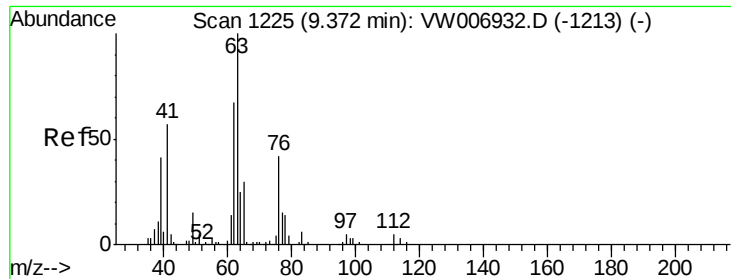
Delta R.T. -0.01 min

Lab File: VW006962.D

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Tgt Ion:	130	Resp:	53294
Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	196.4





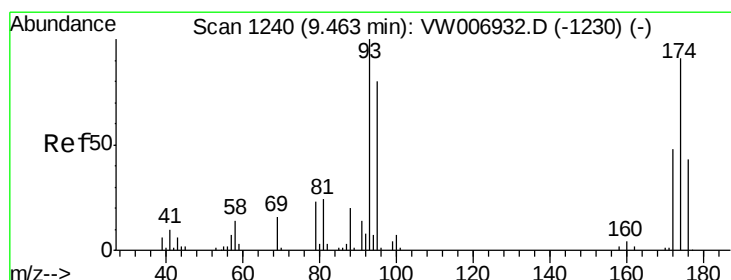
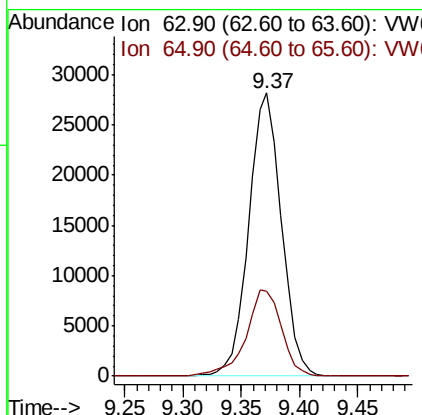
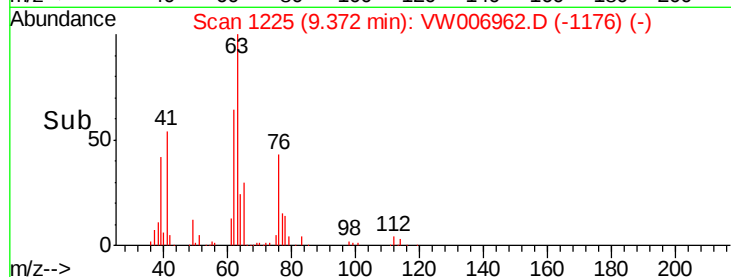
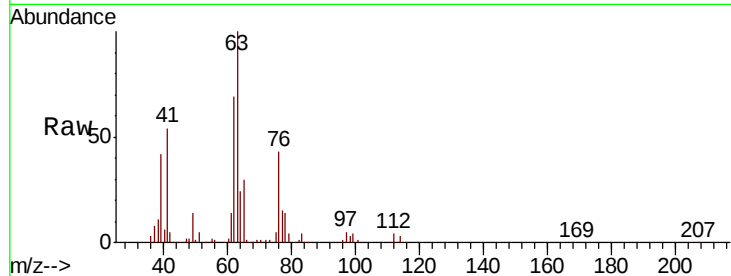
#45
 1,2-Dichloropropane
 Concen: 53.439 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-03(8-10)MSD

Tot Ion: 63 Resp: 55142
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.9 35.9

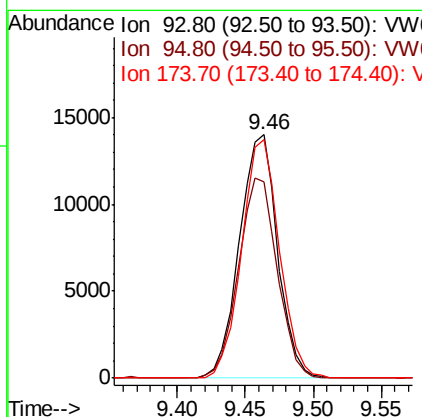
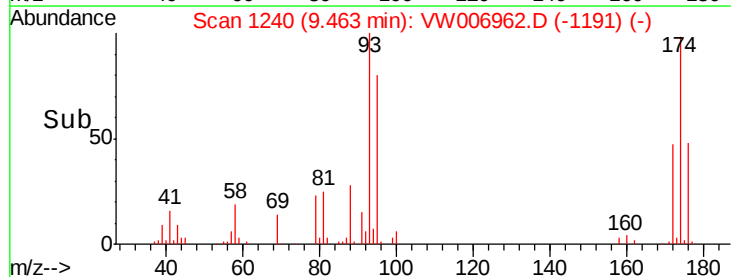
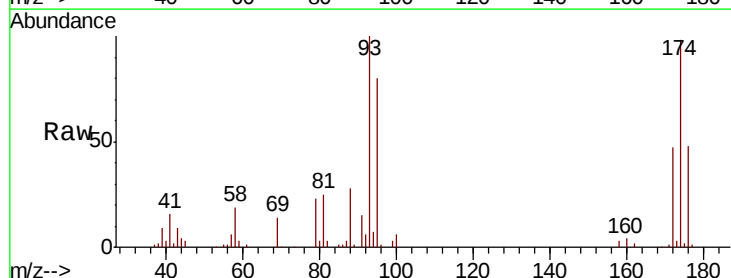
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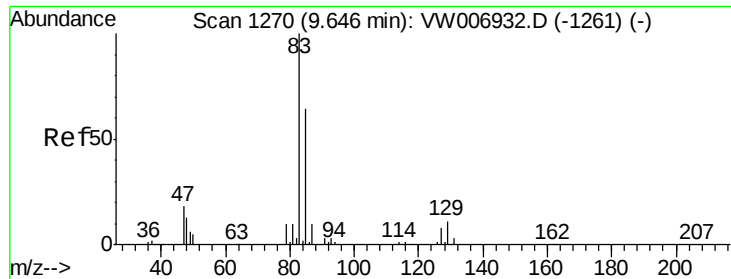
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#46
 Dibromomethane
 Concen: 52.585 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Tgt Ion: 93 Resp: 27479
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.7 98.5
 174 97.1 75.0 112.4





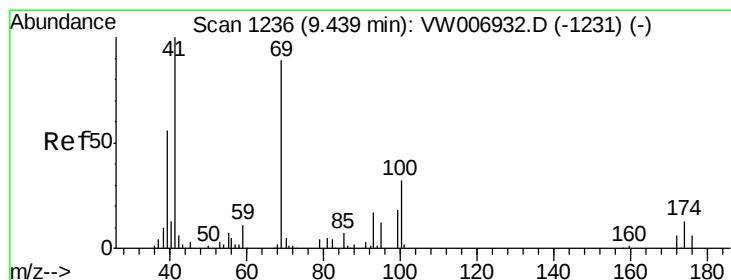
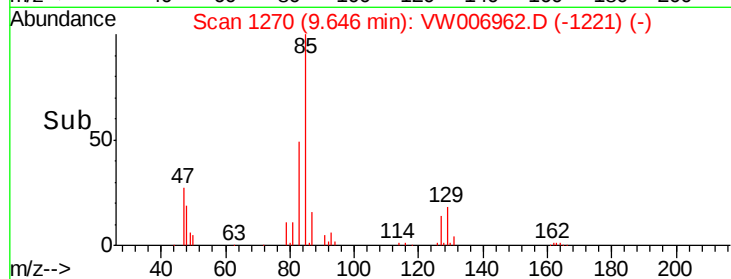
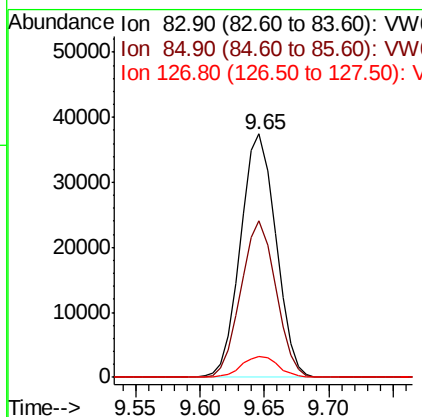
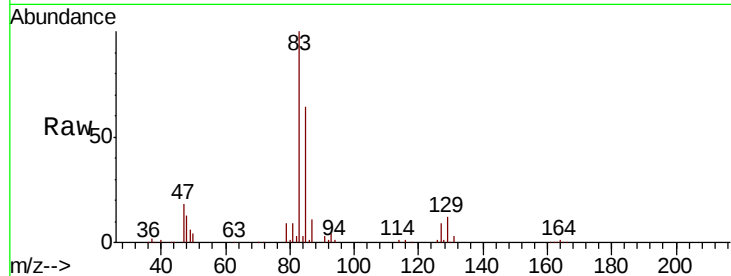
#47
Bromodichloromethane
Concen: 51.847 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.8	76.2
127	8.7	6.6	10.0

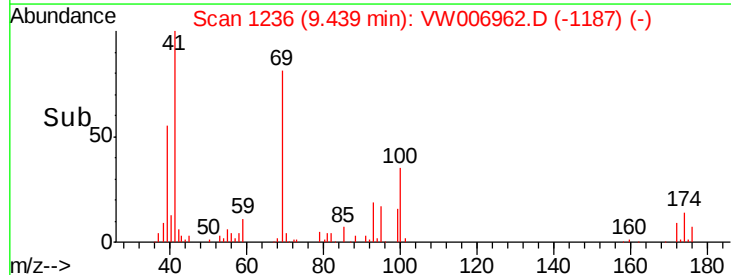
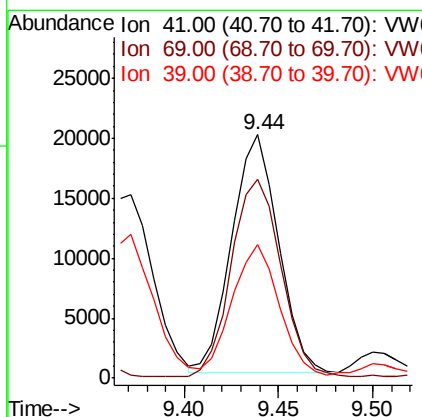
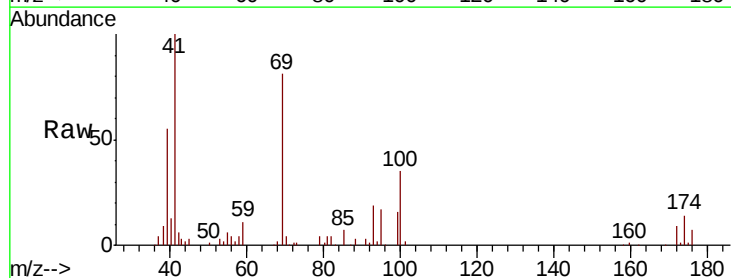
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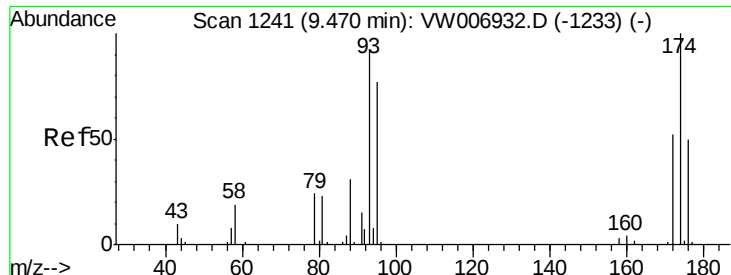
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#48
Methyl methacrylate
Concen: 59.745 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.0	73.4	110.0
39	57.6	46.1	69.1





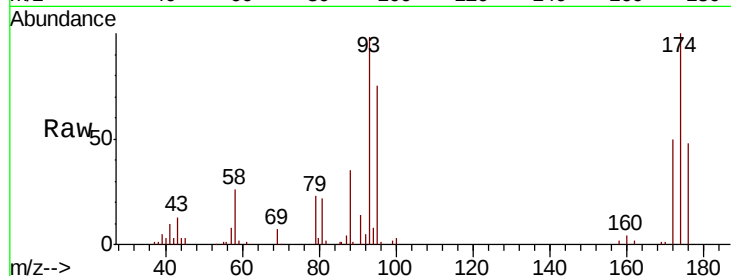
#49
1,4-Dioxane
Concen: 1243.889 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	73.7	57.4	86.2

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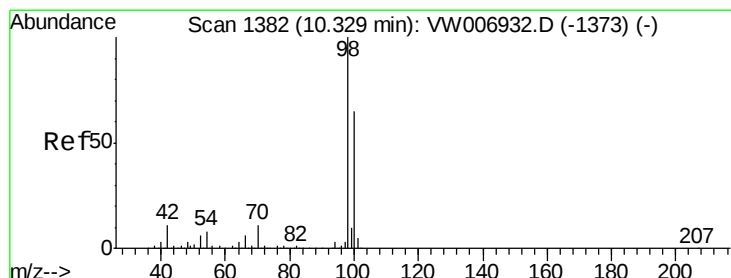
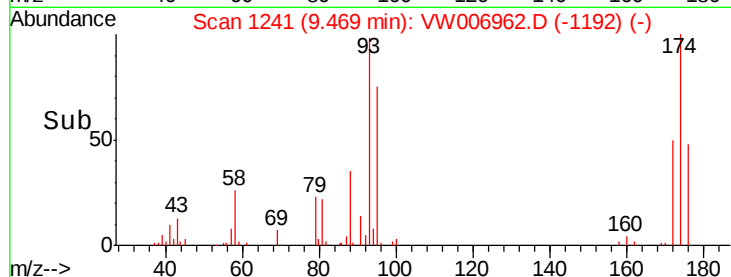
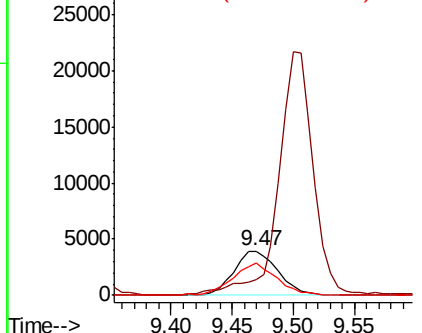


Abundance

Ion 88.00 (87.70 to 88.70): VW

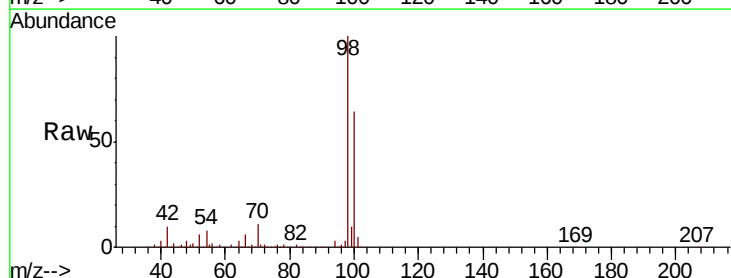
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 53.993 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

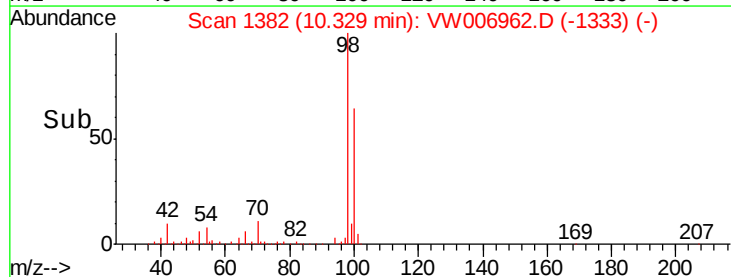
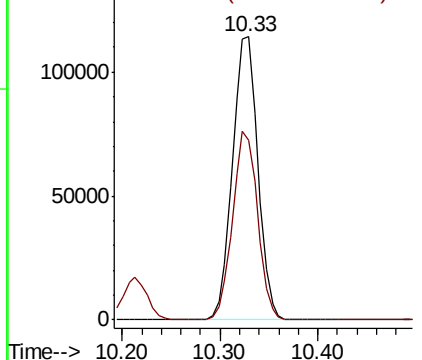
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.3	78.5

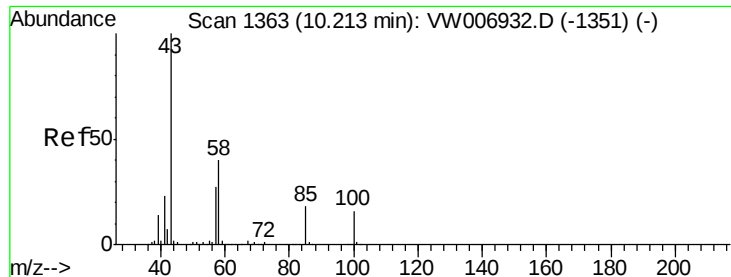


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 301.622 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Instrument :

MSVOA_W

ClientSampleId :

MMTW-03(8-10)MSD

Tot Ion: 43 Resp: 175296

Ion Ratio Lower Upper

43 100

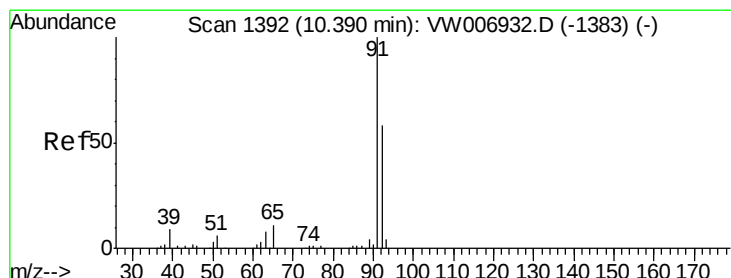
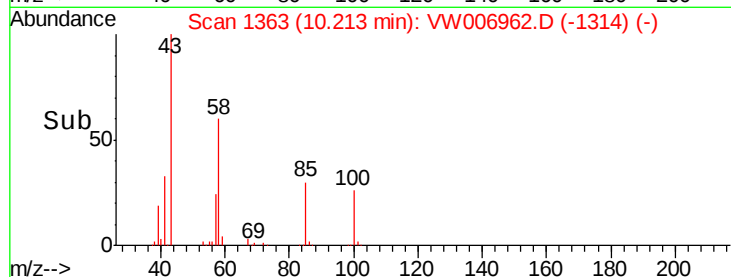
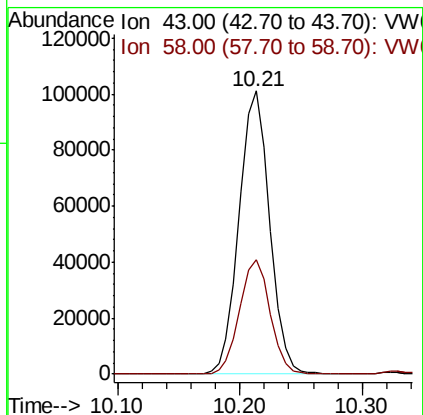
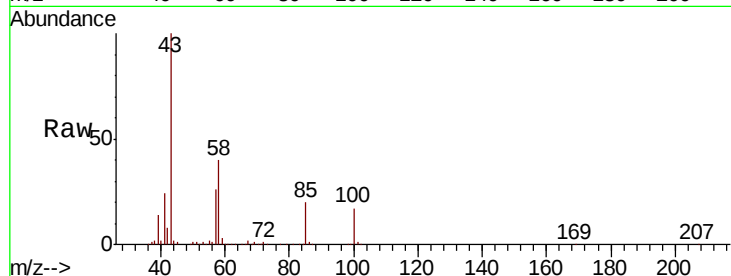
58 40.4 31.0 46.4

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#52

Toluene

Concen: 50.168 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006962.D

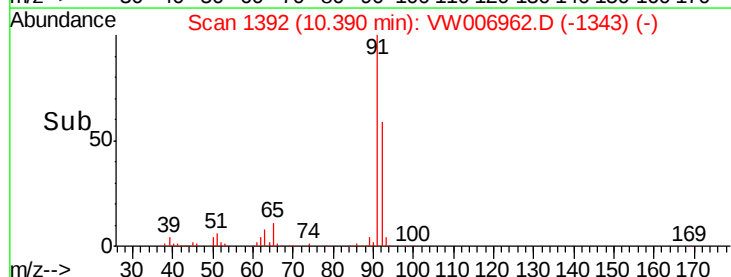
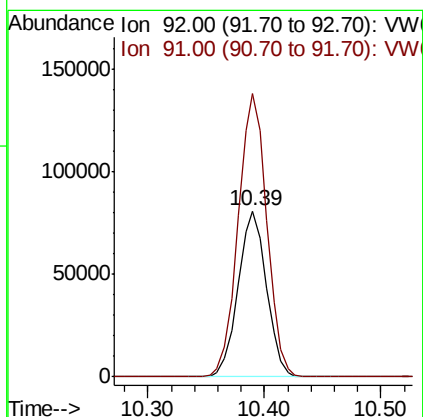
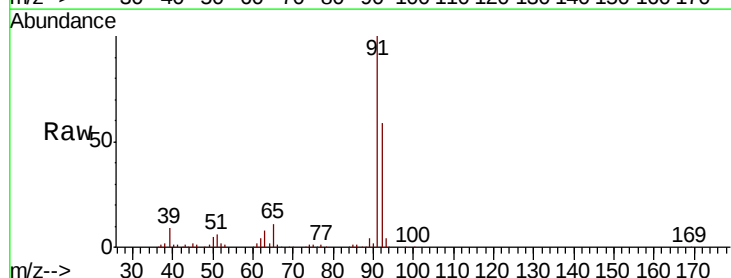
Acq: 19 Nov 2018 23:57

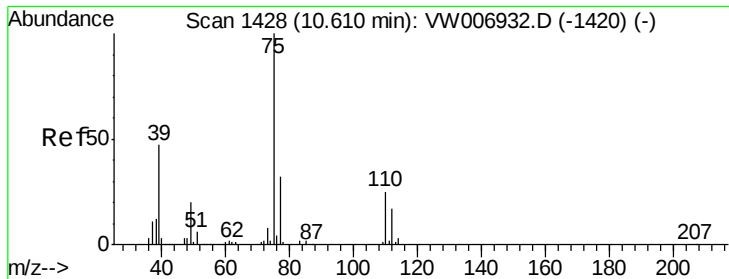
Tgt Ion: 92 Resp: 137106

Ion Ratio Lower Upper

92 100

91 172.4 137.3 205.9





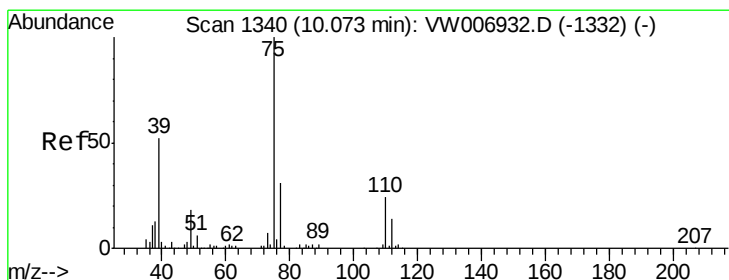
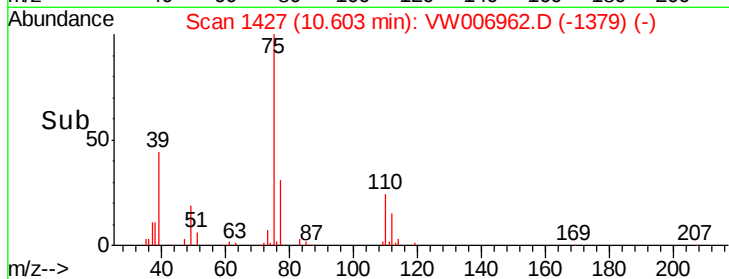
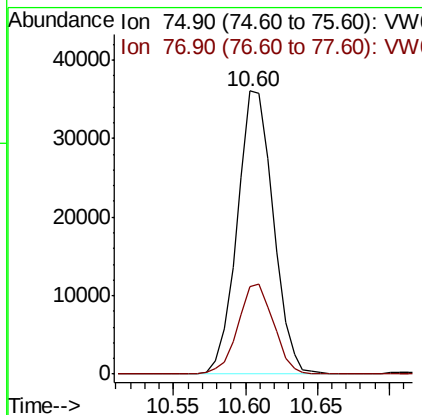
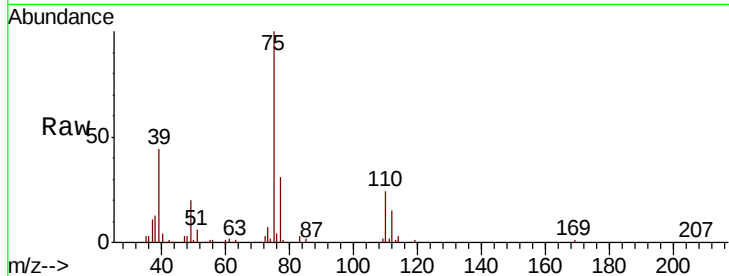
#53
 t-1,3-Dichloropropene
 Concen: 46.590 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.2	37.8

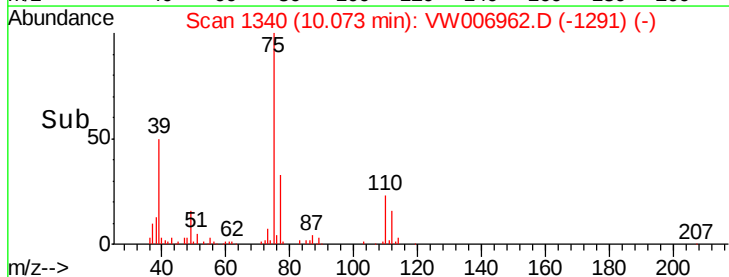
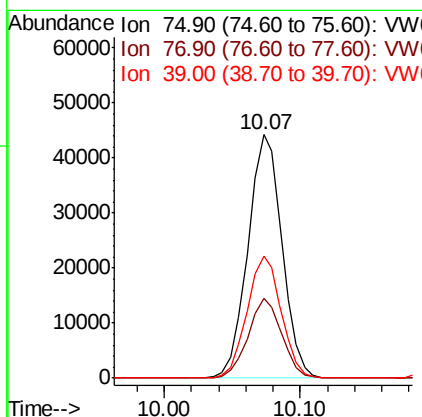
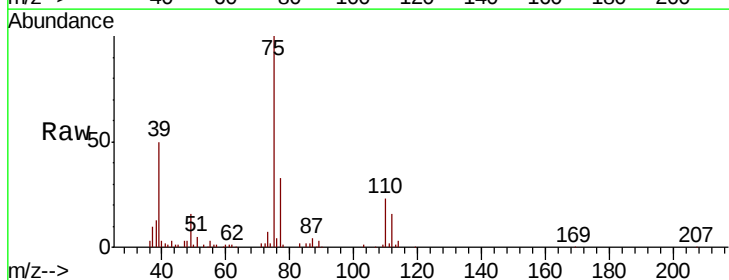
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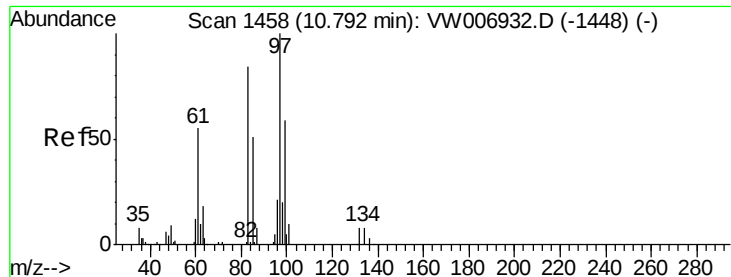
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#54
 cis-1,3-Dichloropropene
 Concen: 48.316 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.0	24.6	37.0
39	50.0	41.4	62.2





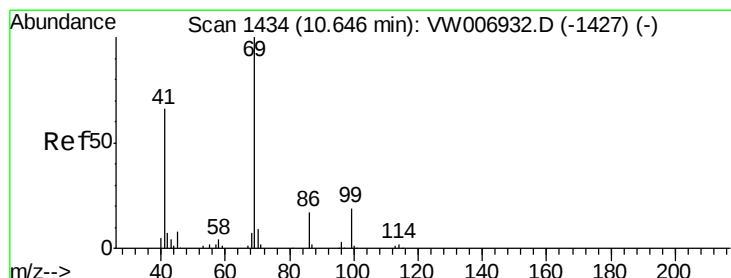
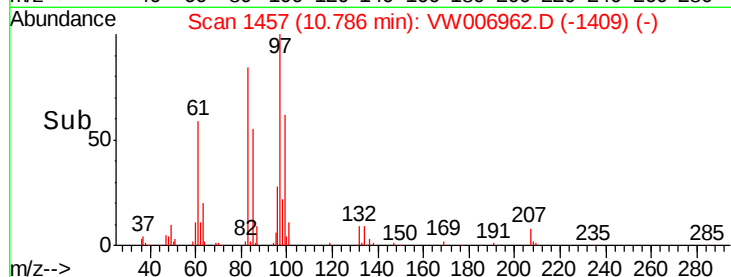
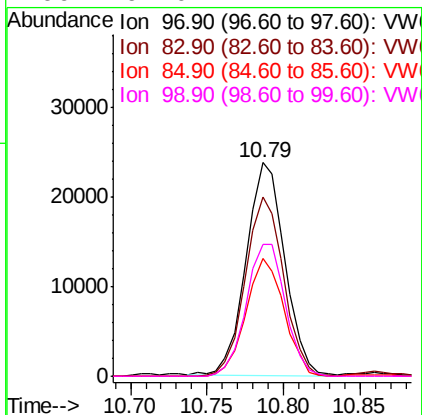
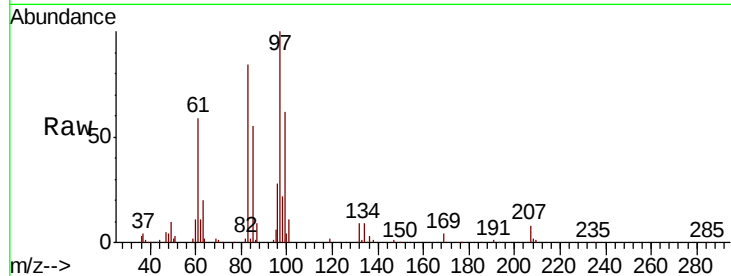
#55
 1,1,2-Trichloroethane
 Concen: 54.007 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-03(8-10)MSD

Tot Ion:	97	Resp:	41613
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.5	101.3
85	55.5	41.0	61.6
99	62.0	47.4	71.2

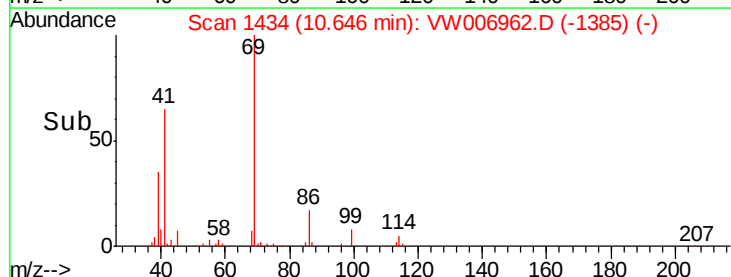
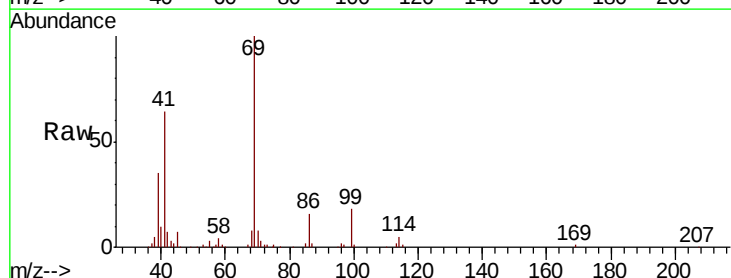
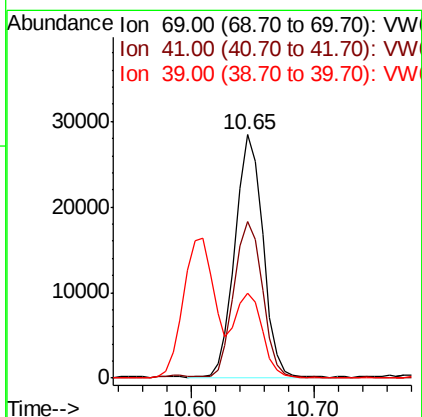
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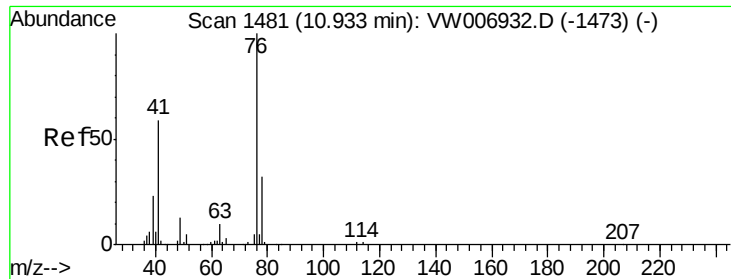
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#56
 Ethyl methacrylate
 Concen: 46.647 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Tgt Ion:	69	Resp:	44686
Ion	Ratio	Lower	Upper
69	100		
41	66.3	53.8	80.6
39	34.6	29.0	43.6





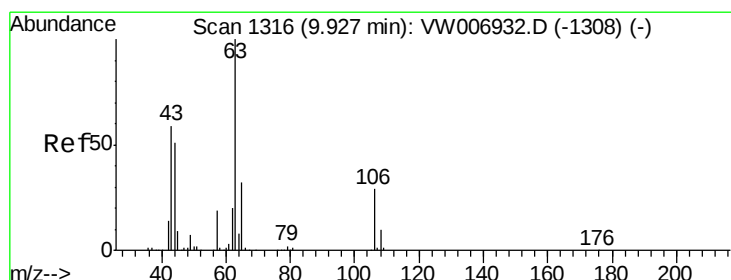
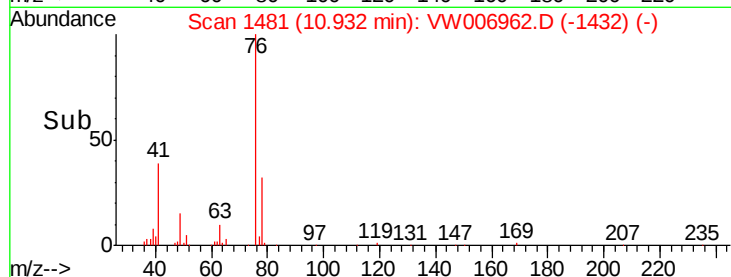
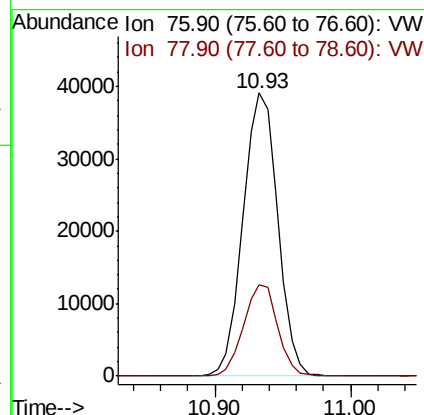
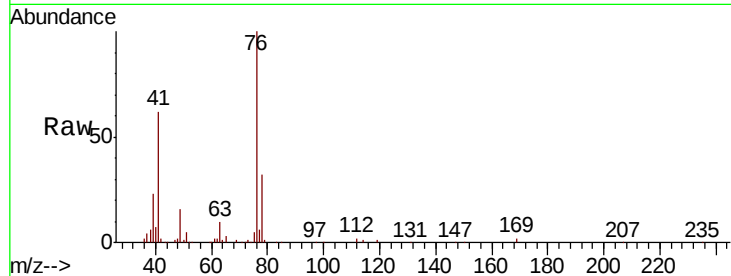
#57
 1,3-Dichloropropane
 Concen: 53.157 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-03(8-10)MSD

Tot Ion: 76 Resp: 69685
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.0 39.0

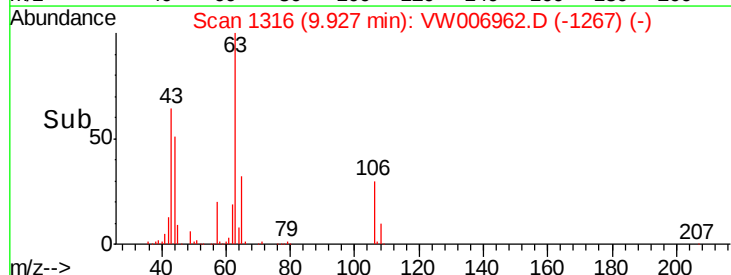
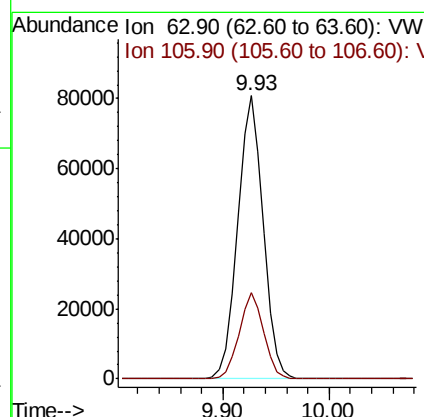
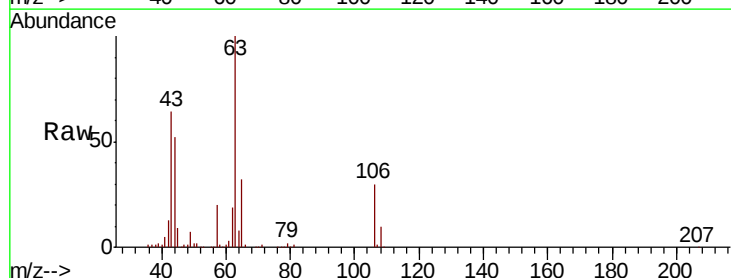
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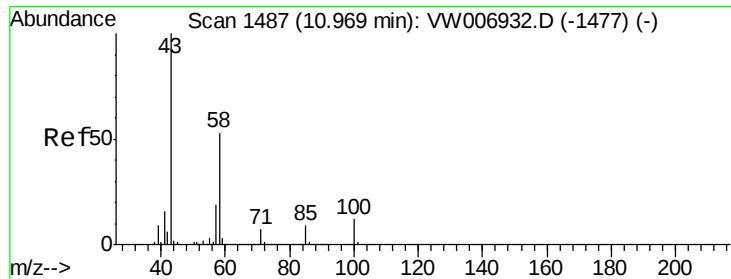
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#58
 2-Chloroethyl Vinyl ether
 Concen: 288.043 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Tgt Ion: 63 Resp: 135655
 Ion Ratio Lower Upper
 63 100
 106 29.2 22.6 33.8





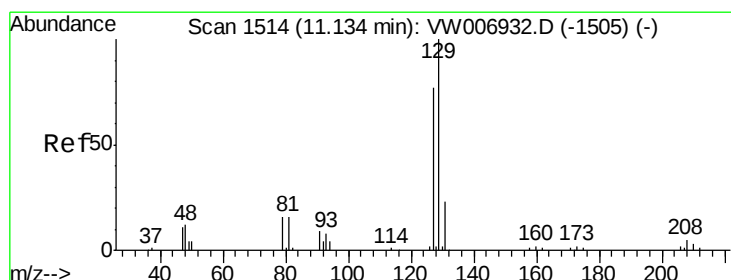
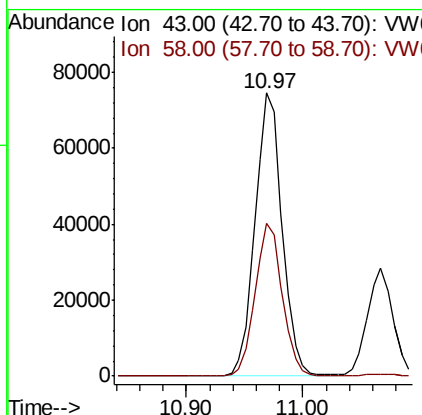
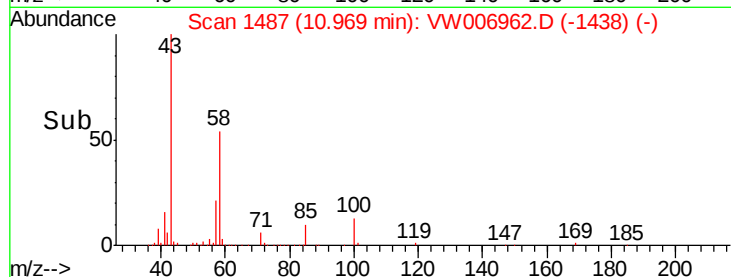
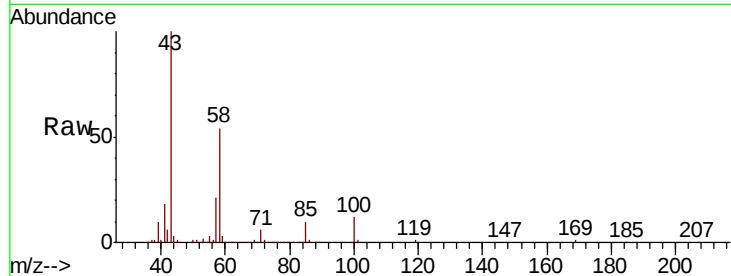
#59
2-Hexanone
Concen: 310.262 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion: 43 Resp: 120681
Ion Ratio Lower Upper
43 100
58 54.0 26.8 80.4

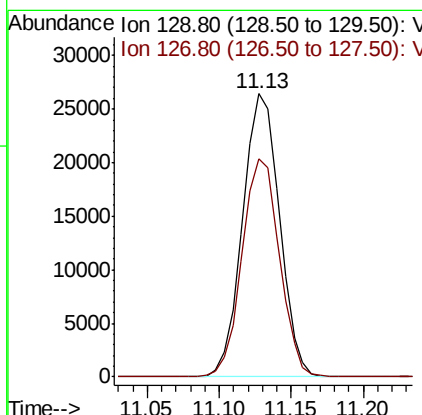
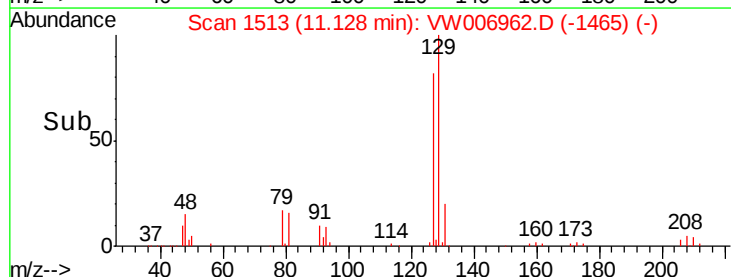
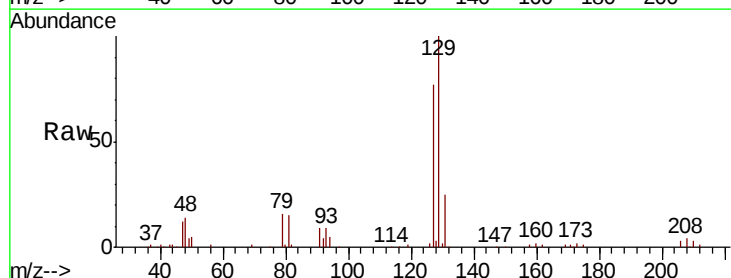
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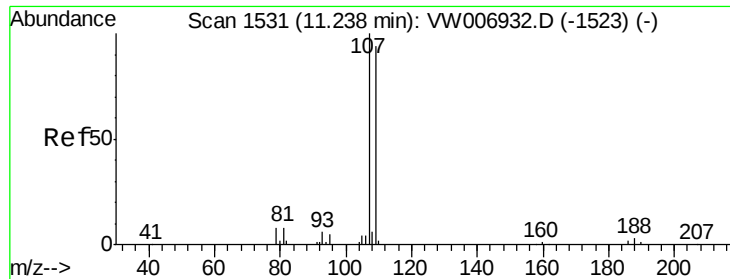
apatel
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#60
Dibromochloromethane
Concen: 53.324 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion: 129 Resp: 46853
Ion Ratio Lower Upper
129 100
127 77.9 38.1 114.3





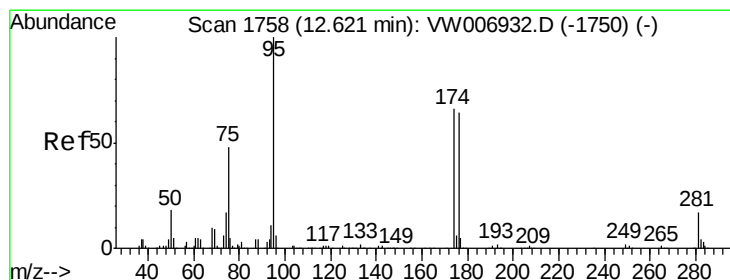
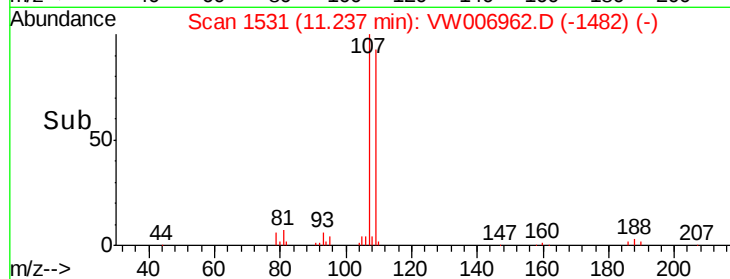
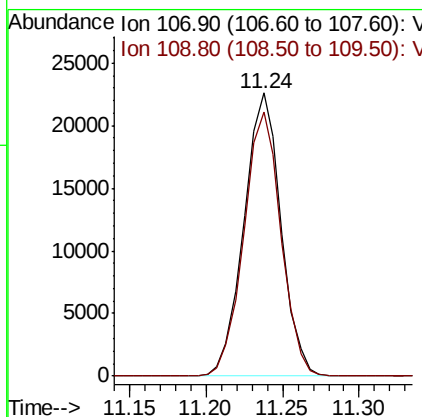
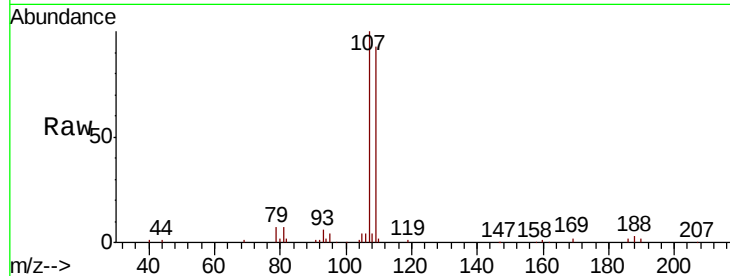
#61
 1,2-Dibromoethane
 Concen: 53.021 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.5	113.3

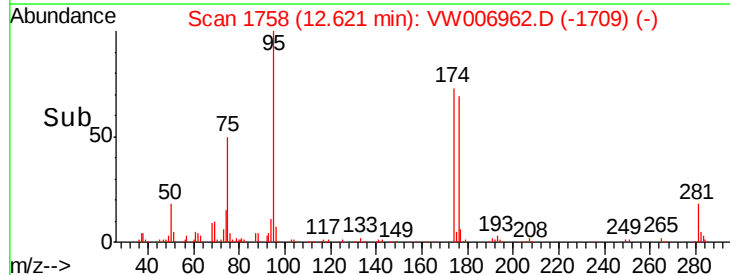
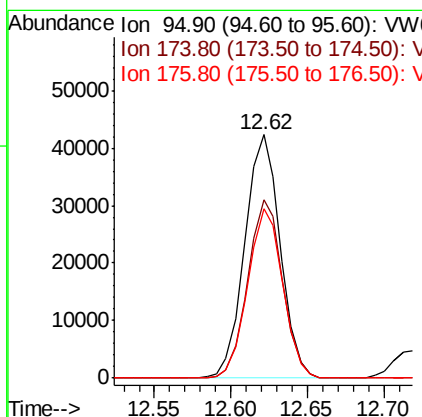
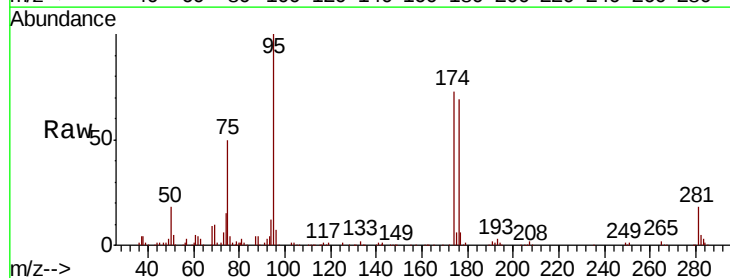
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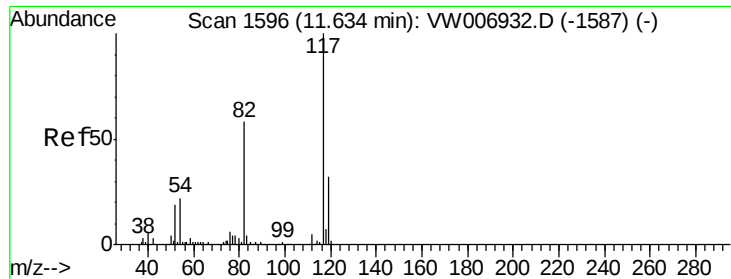
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#62
 4-Bromofluorobenzene
 Concen: 45.473 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006962.D
 Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	138.4
176	69.2	0.0	133.4





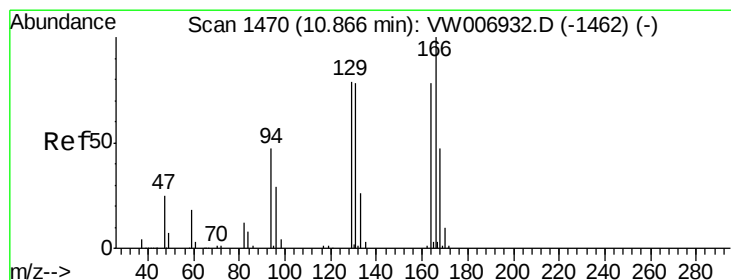
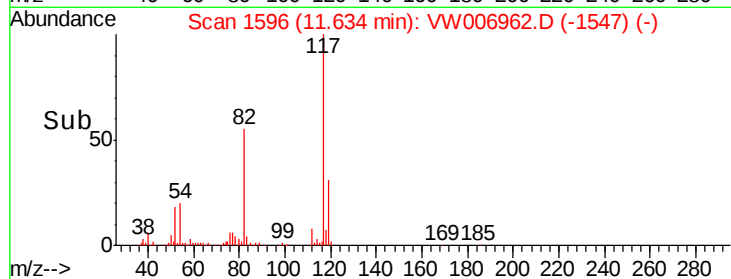
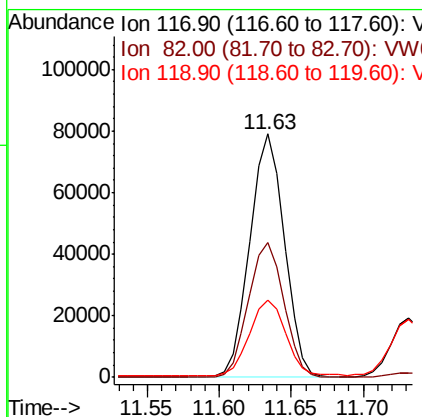
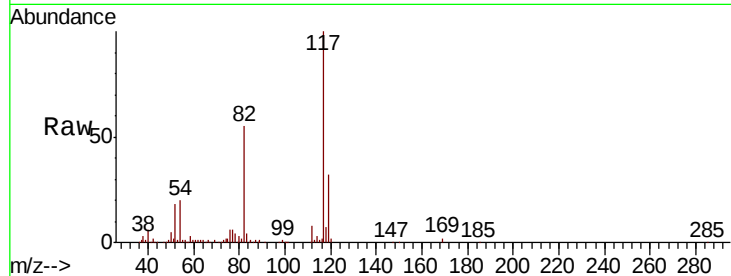
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	46.2	69.2
119	31.0	25.5	38.3

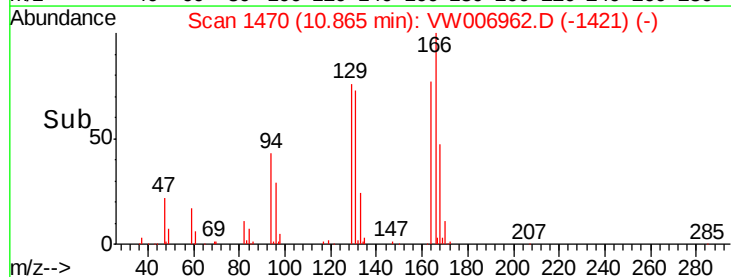
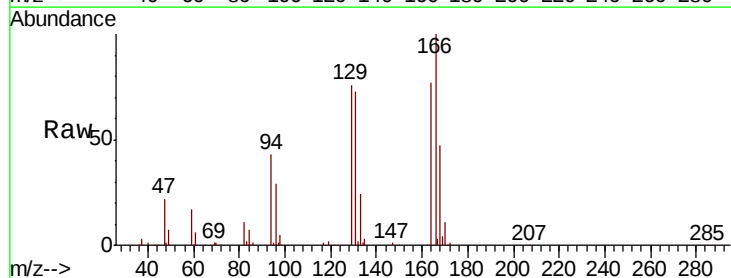
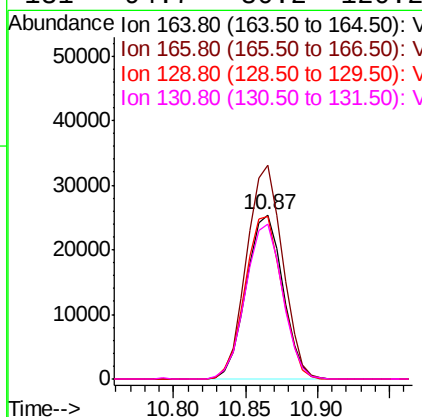
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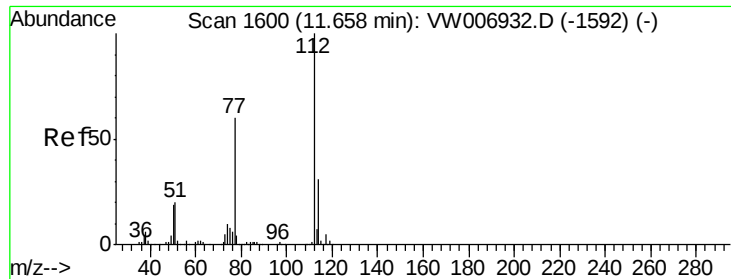
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#64
Tetrachloroethene
Concen: 52.923 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	102.6	154.0
129	99.3	81.0	121.4
131	94.7	80.2	120.2





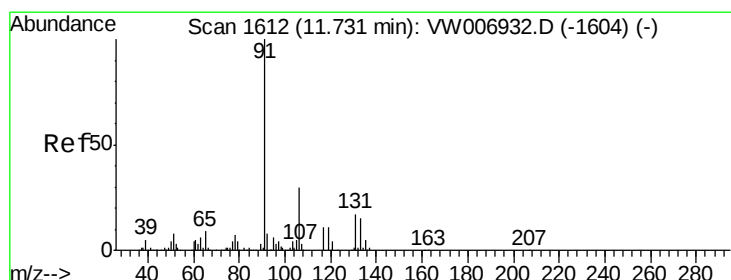
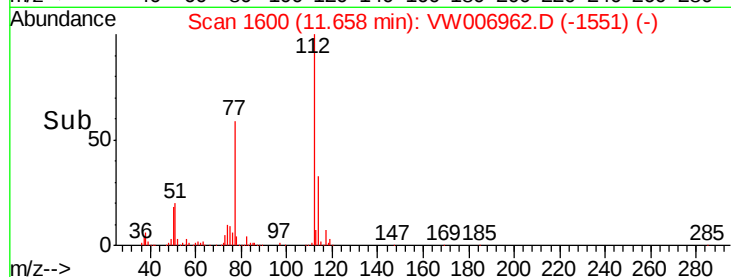
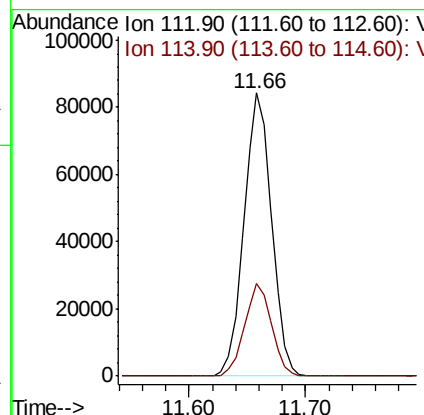
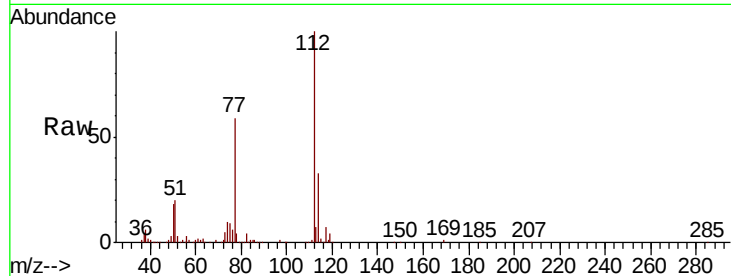
#65
Chlorobenzene
Concen: 50.374 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		139471		
114	32.8		24.6		37.0

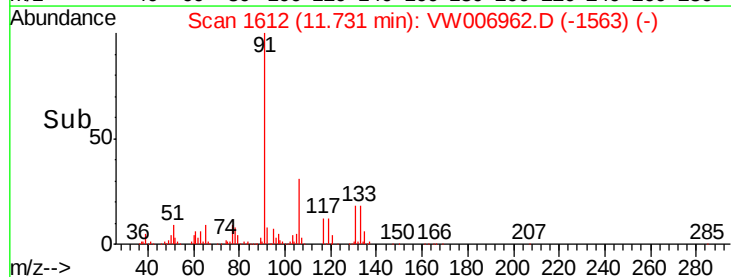
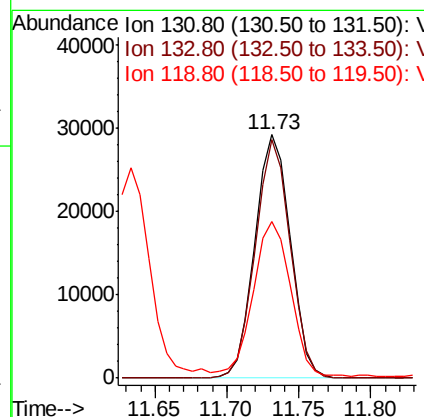
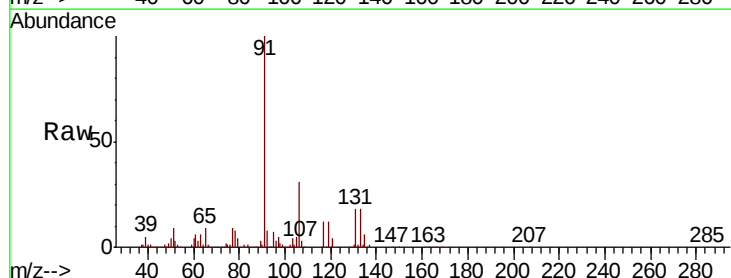
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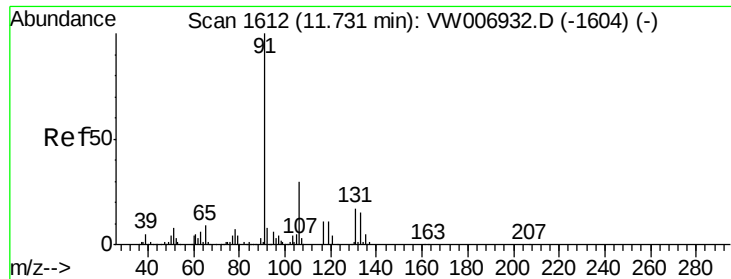
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.297 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
131	100		49673		
133	96.1		47.2		141.6
119	66.3		32.5		97.4





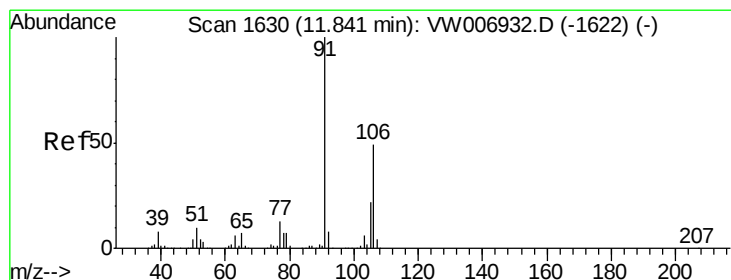
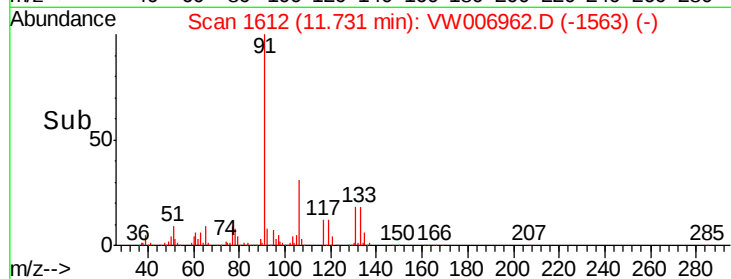
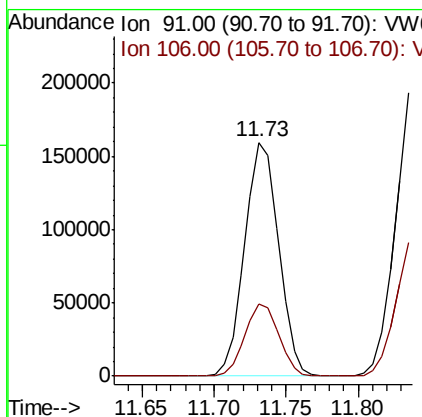
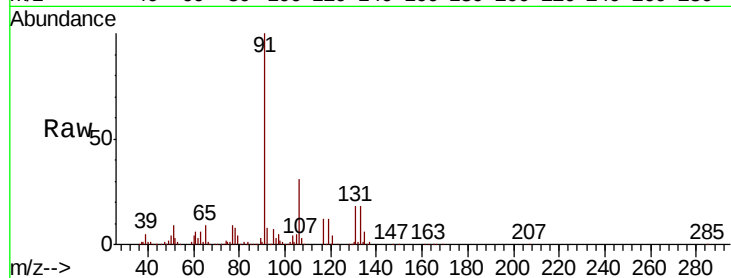
#67
Ethyl Benzene
Concen: 52.181 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	31.1	24.0	36.0	

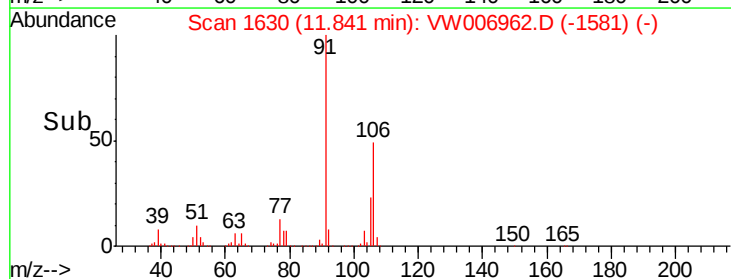
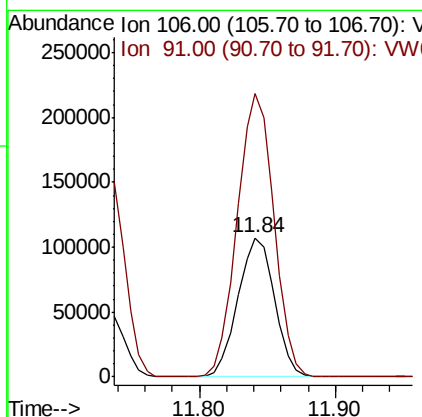
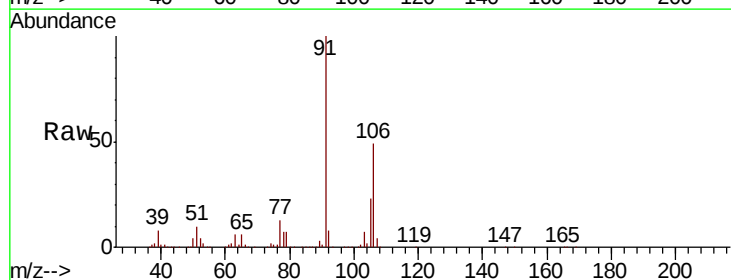
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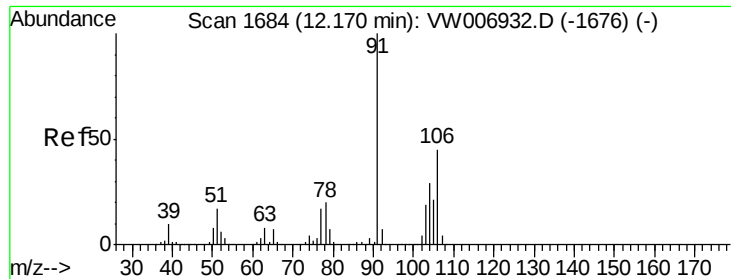
apatel
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#68
m/p-Xylenes
Concen: 103.829 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	203.8	165.0	247.4	





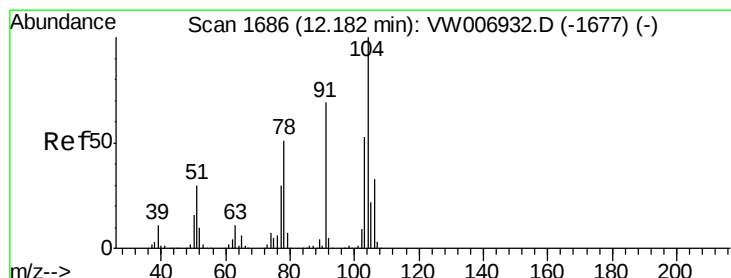
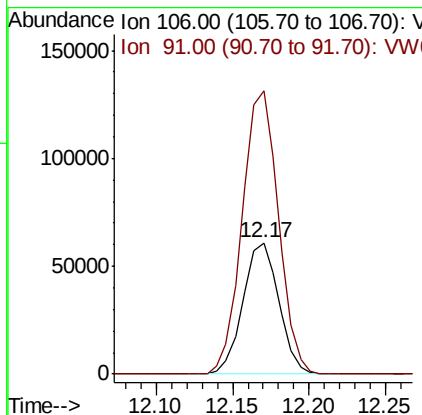
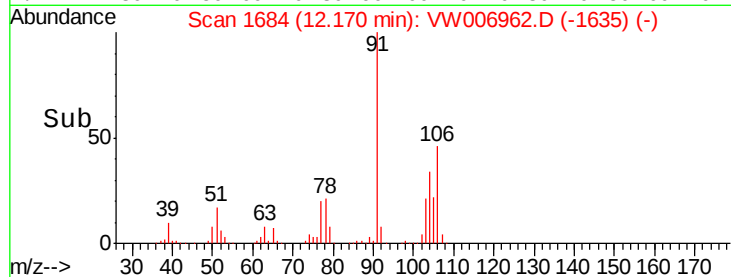
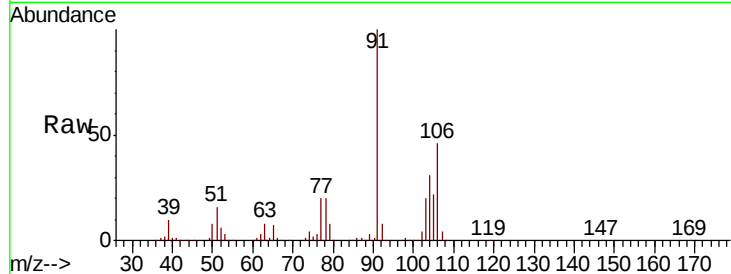
#69
o-Xylene
Concen: 53.895 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion:106 Resp: 99433
Ion Ratio Lower Upper
106 100
91 217.5 109.2 327.6

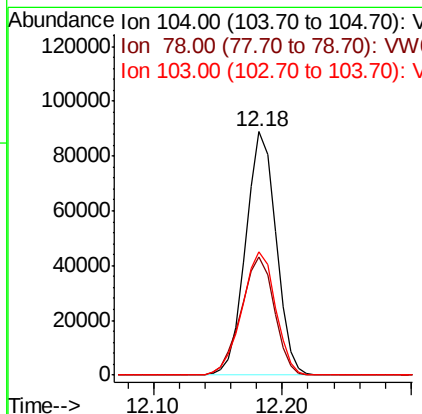
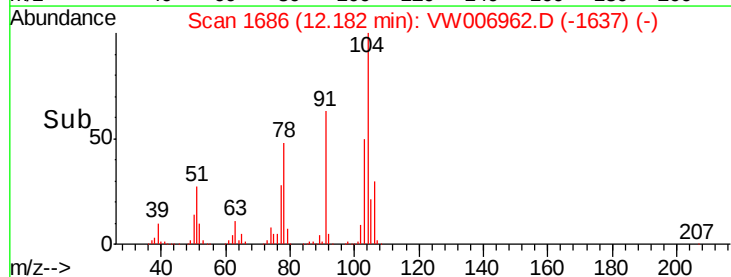
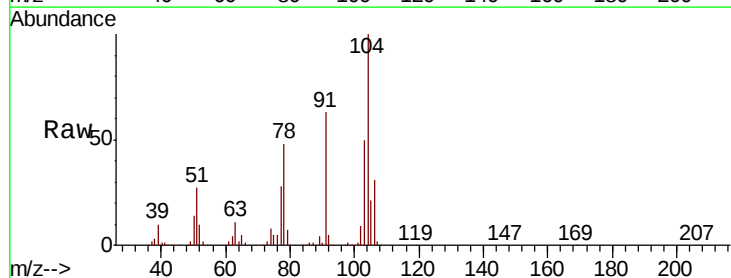
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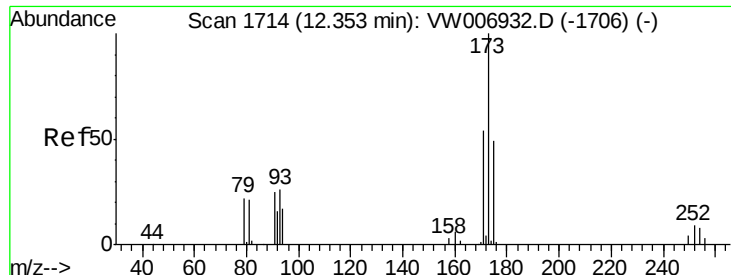
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#70
Styrene
Concen: 48.617 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion:104 Resp: 144244
Ion Ratio Lower Upper
104 100
78 53.3 42.5 63.7
103 55.6 44.3 66.5





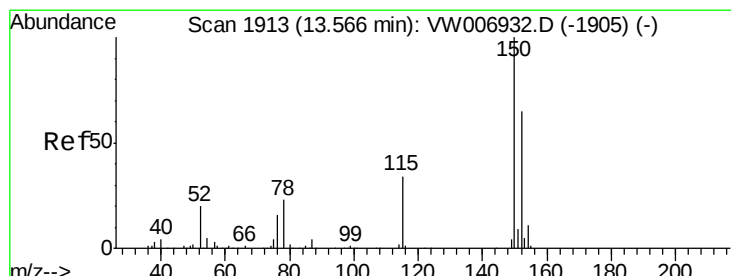
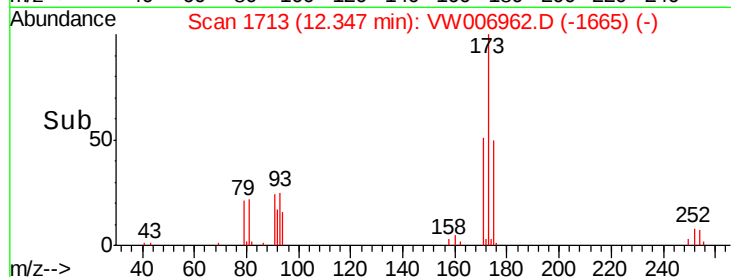
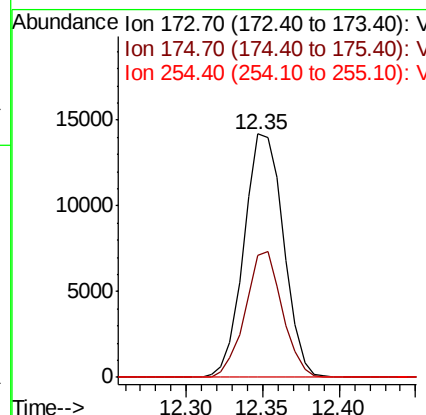
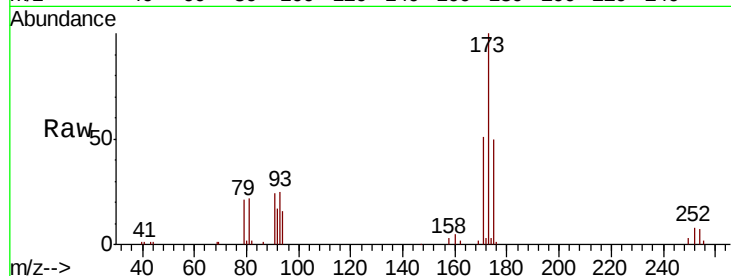
#71
Bromoform
Concen: 62.131 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.0	72.0
254	0.0	0.0	0.0

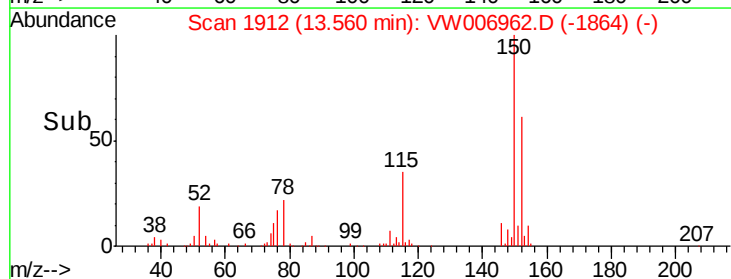
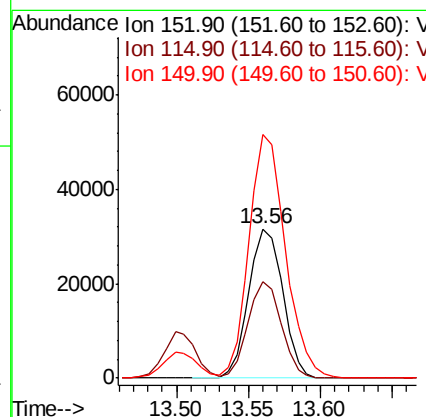
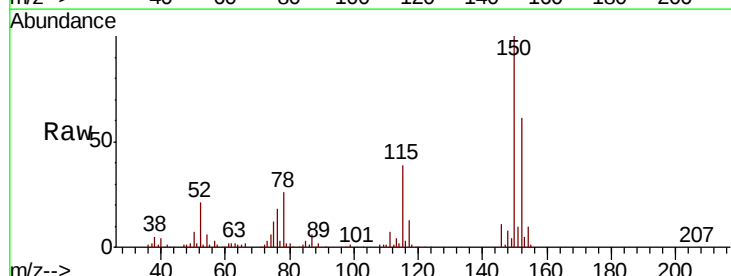
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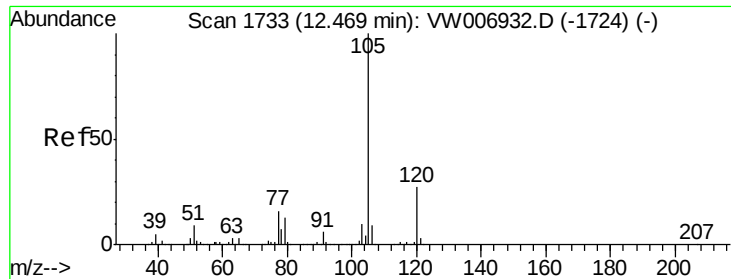
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.6	94.7
150	173.8	0.0	350.0





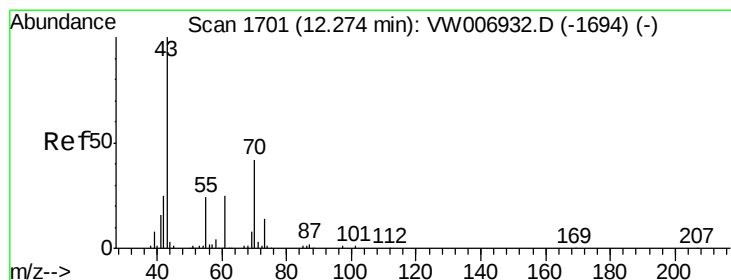
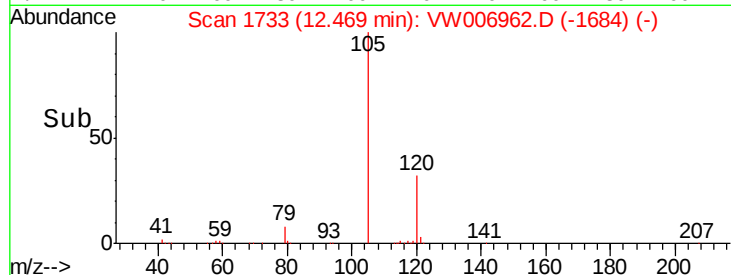
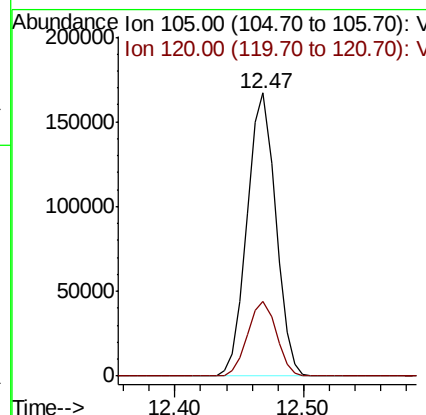
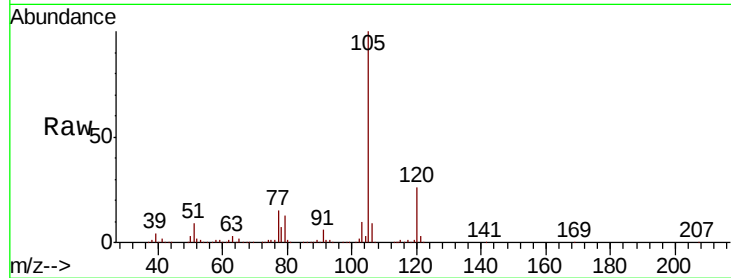
#73
Isopropylbenzene
Concen: 62.489 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.2	39.6

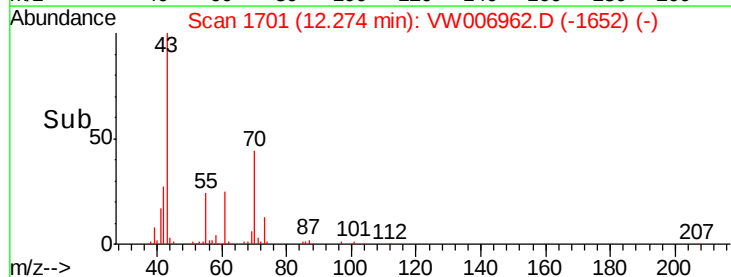
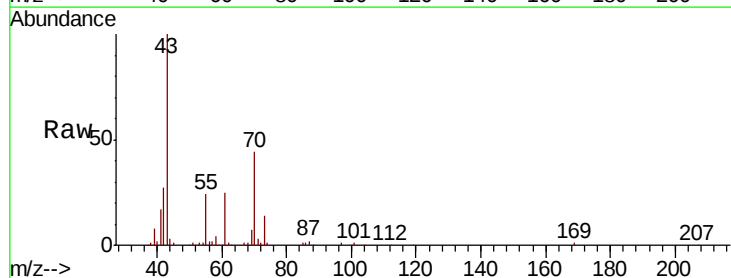
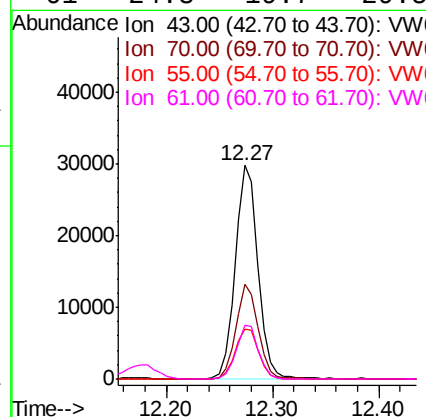
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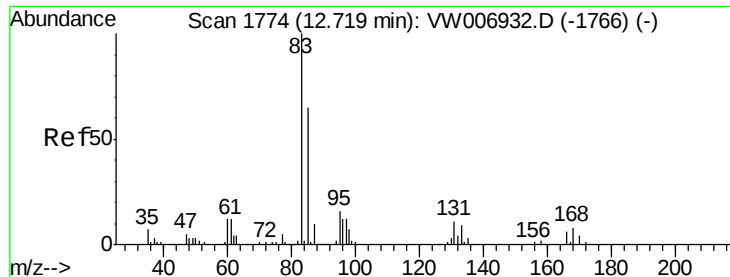
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#74
N-ethyl acetate
Concen: 54.161 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.6	34.2	51.4
55	24.4	19.5	29.3
61	24.8	19.7	29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 75.692 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Instrument :

MSVOA_W

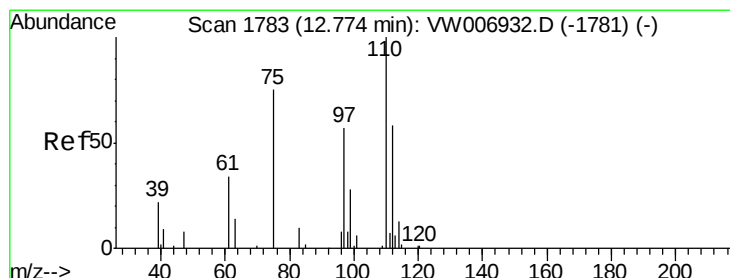
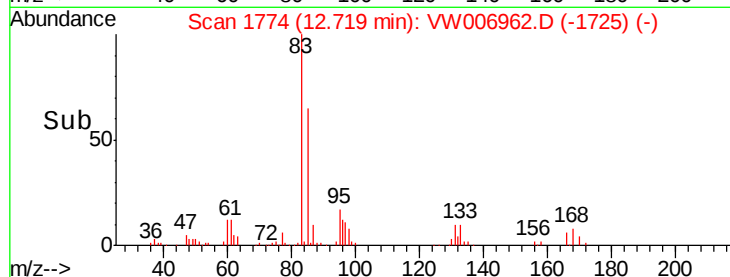
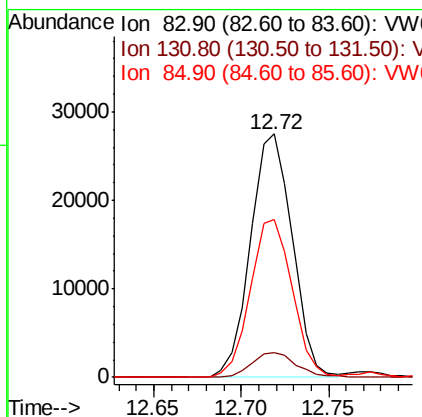
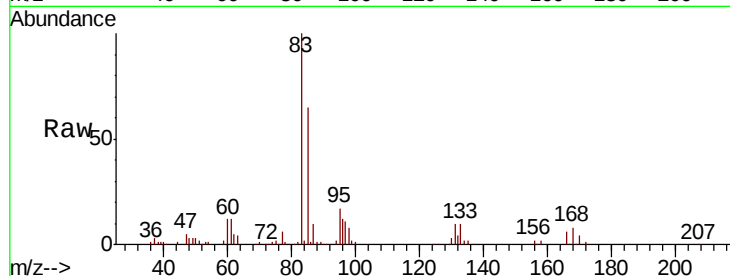
ClientSampleId :

MMTW-03(8-10)MSD

Tot Ion:	83	Resp:	45714
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.6	16.8
85	64.9	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 82.599 ug/l m

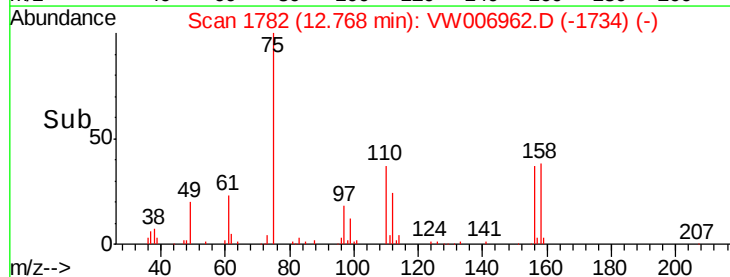
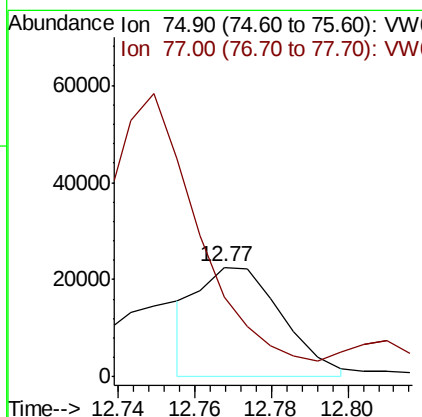
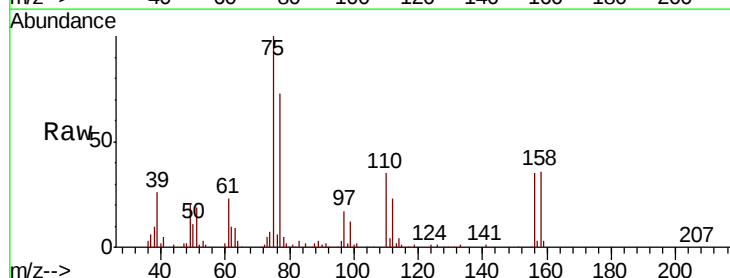
RT: 12.77 min Scan# 1782

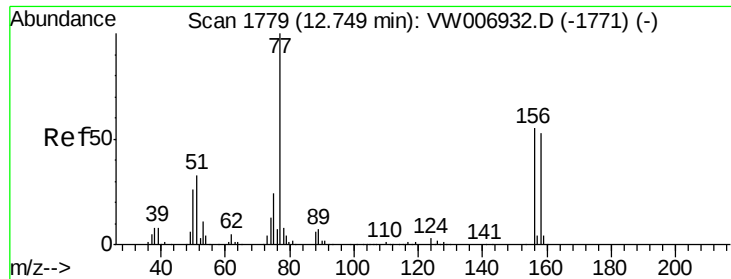
Delta R.T. -0.01 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Tgt Ion:	75	Resp:	34413
Ion Ratio	Lower	Upper	
75	100		
77	305.3	0.0	0.0#





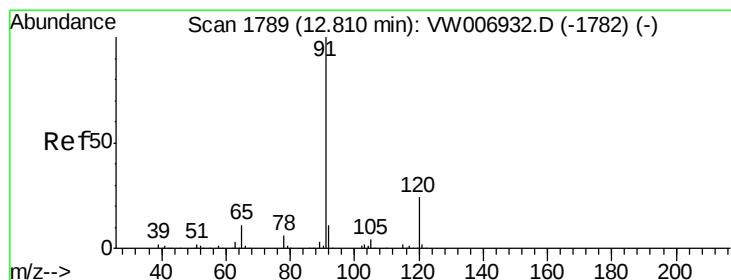
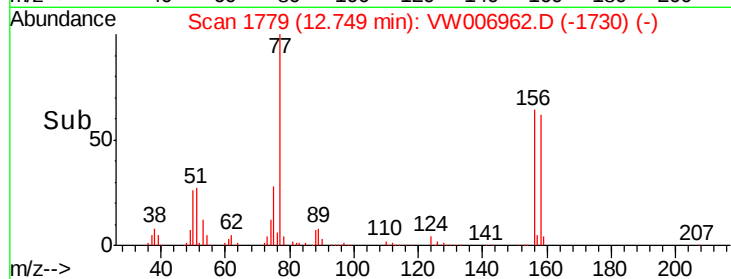
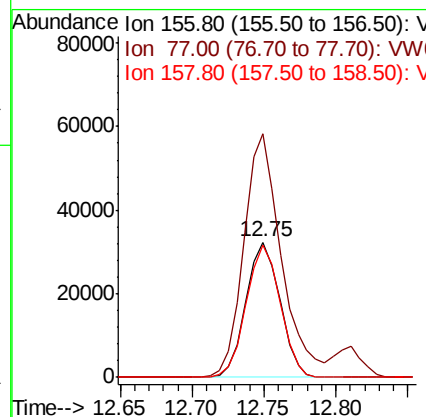
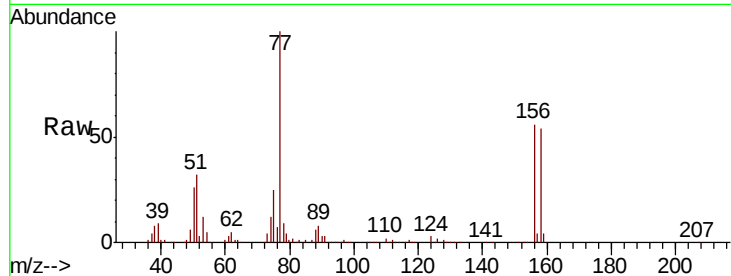
#77
Bromobenzene
Concen: 60.823 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
156	100		
77	198.5	97.8	293.3
158	97.4	47.9	143.7

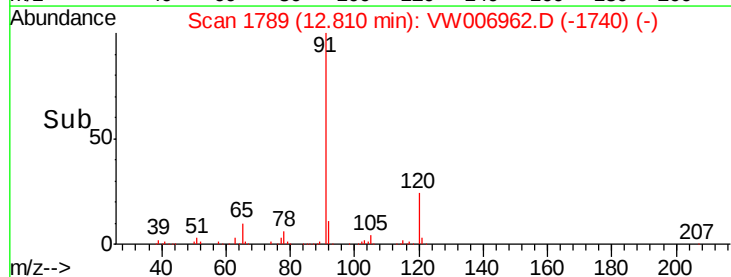
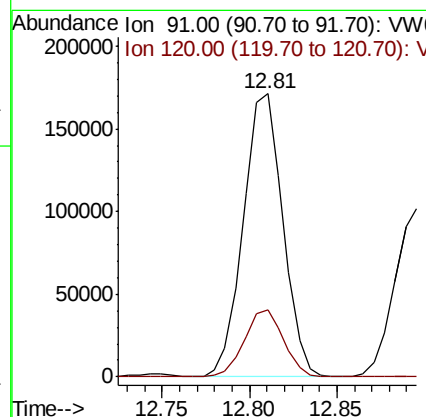
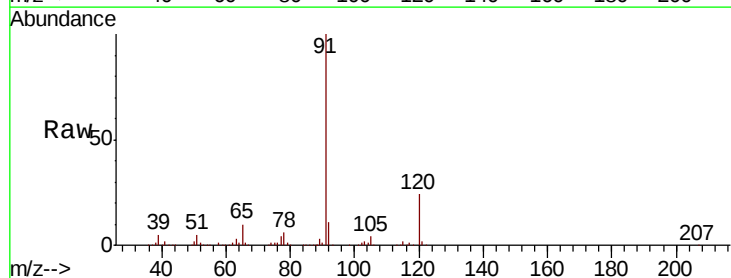
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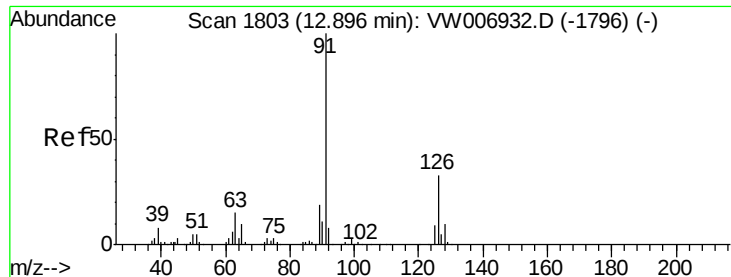
apatel
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#78
n-propylbenzene
Concen: 54.539 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.5	34.5





#79

2-Chlorotoluene

Concen: 56.994 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Instrument :

MSVOA_W

ClientSampleId :

MMTW-03(8-10)MSD

Tot Ion: 91 Resp: 164787

Ion Ratio Lower Upper

91 100

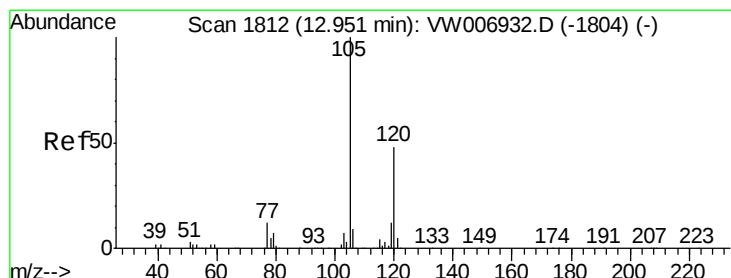
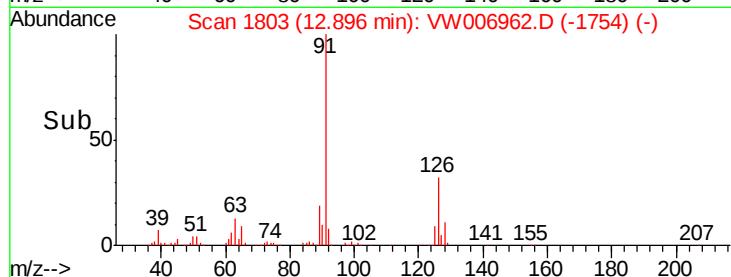
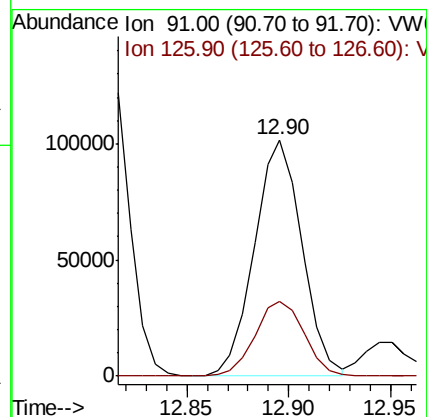
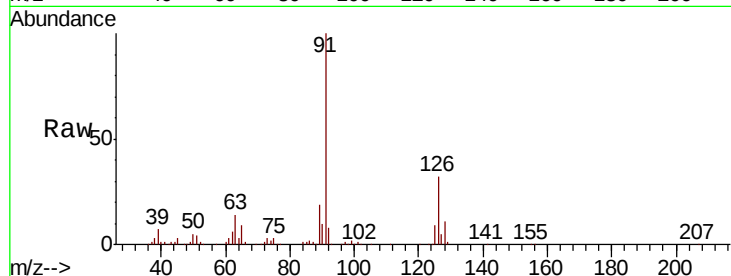
126 32.7 16.6 49.7

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#80

1,3,5-Trimethylbenzene

Concen: 59.310 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW006962.D

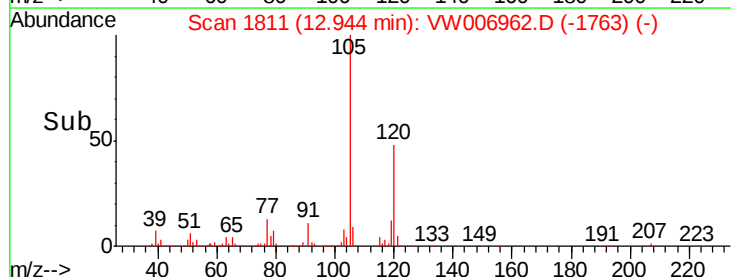
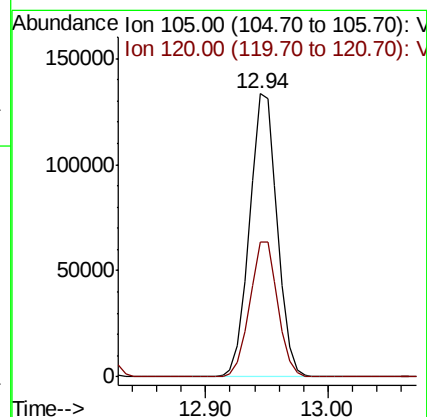
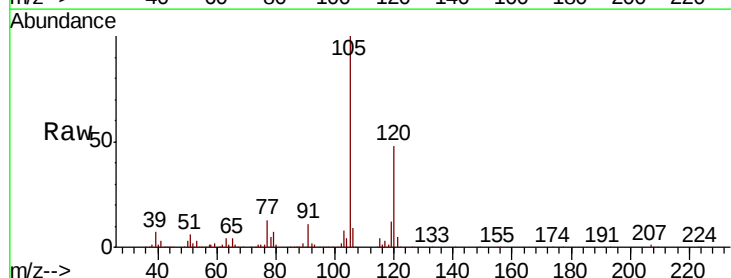
Acq: 19 Nov 2018 23:57

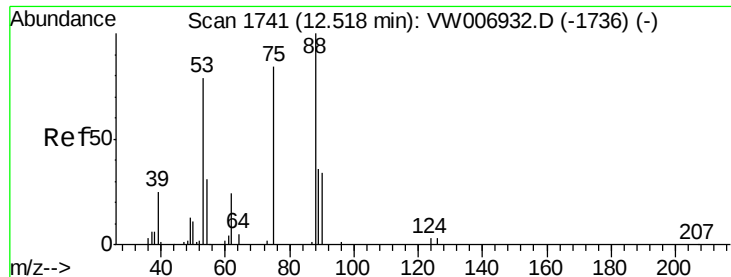
Tgt Ion:105 Resp: 209682

Ion Ratio Lower Upper

105 100

120 48.3 23.5 70.5





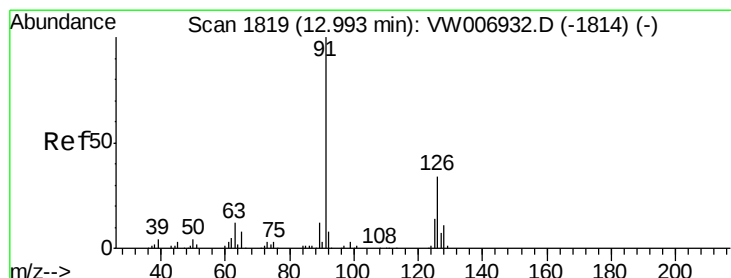
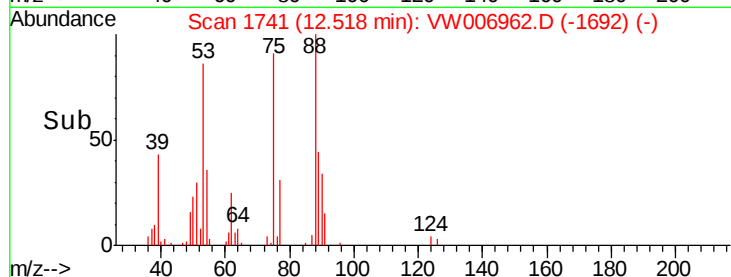
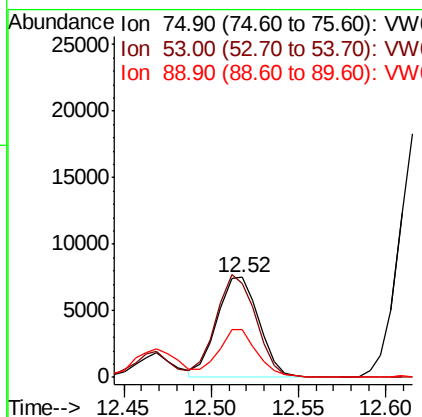
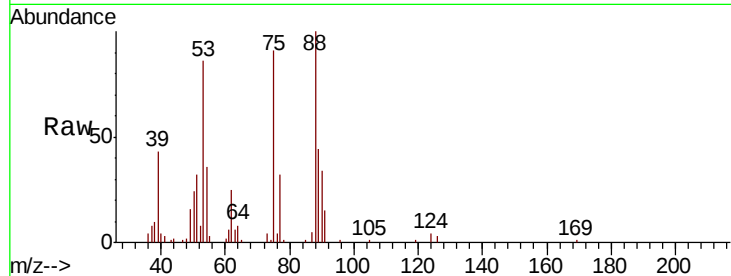
#81
trans-1,4-Dichloro-2-butene
Concen: 68.712 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.4	79.3	118.9
89	45.3	39.5	59.3

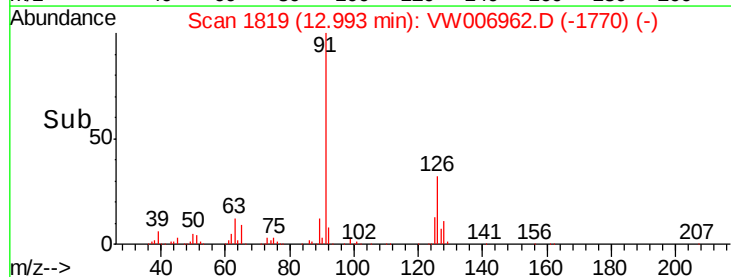
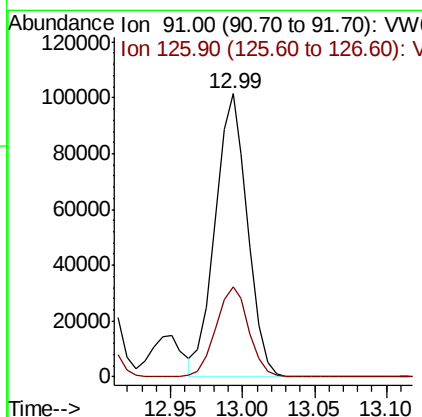
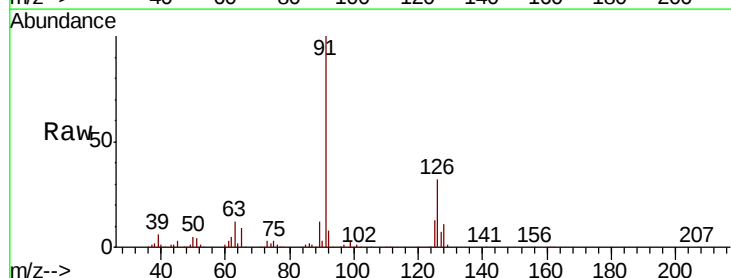
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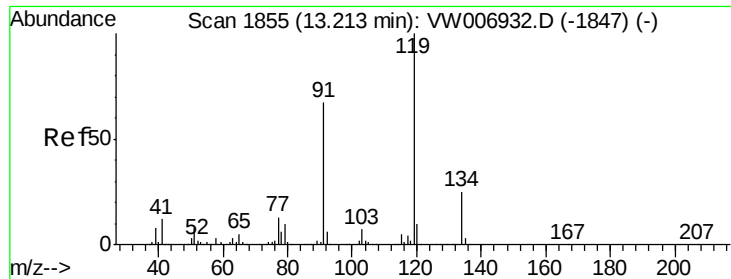
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#82
4-Chlorotoluene
Concen: 52.037 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.6





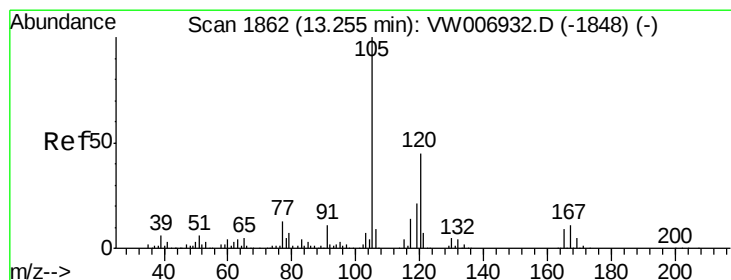
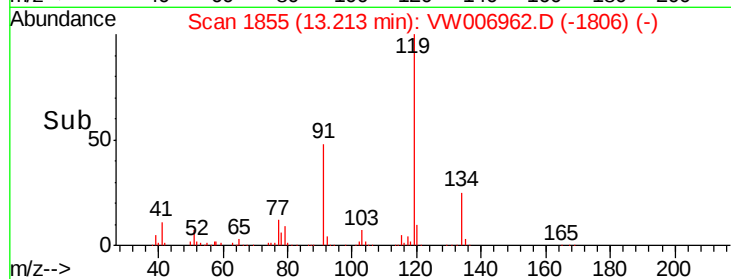
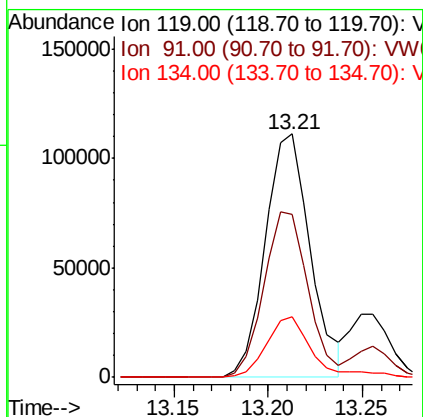
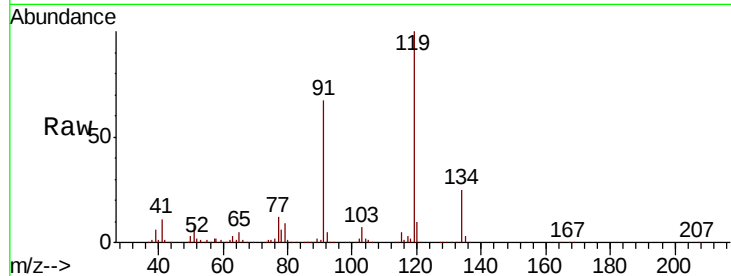
#83
tert-Butylbenzene
Concen: 61.346 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.7	33.8	101.4
134	25.6	12.6	37.8

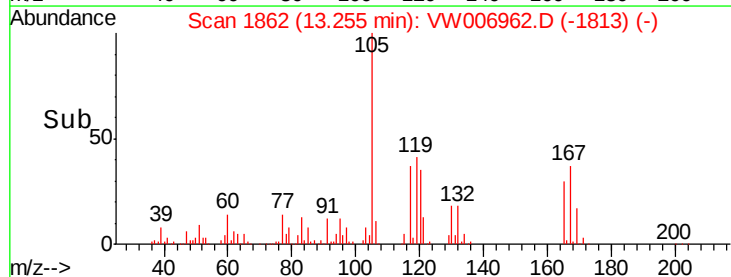
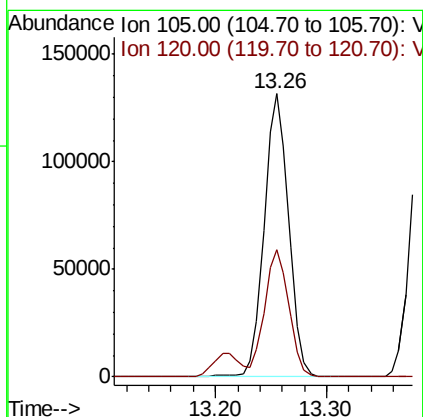
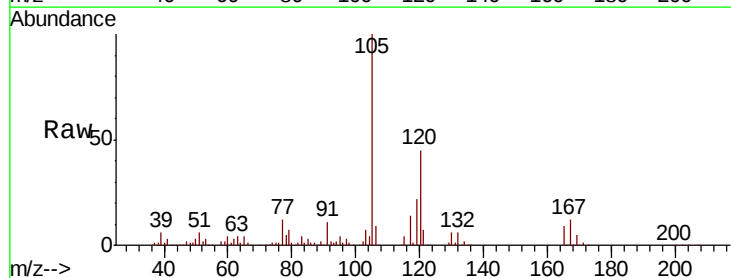
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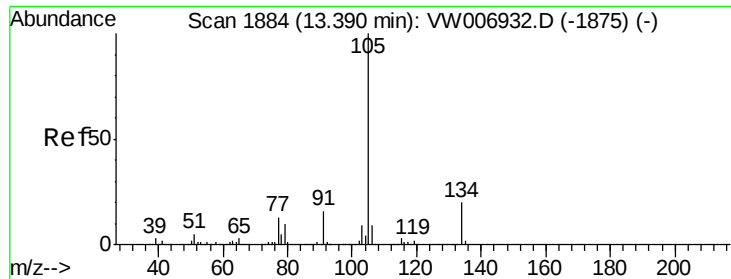
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#84
1,2,4-Trimethylbenzene
Concen: 56.877 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	21.9	65.8





#85

sec-Butylbenzene

Concen: 52.617 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Instrument :

MSVOA_W

ClientSampleId :

MMTW-03(8-10)MSD

Tot Ion:105 Resp: 225402

Ion Ratio Lower Upper

105 100

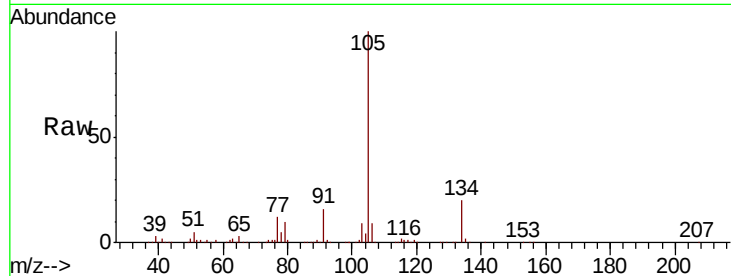
134 20.0 9.8 29.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

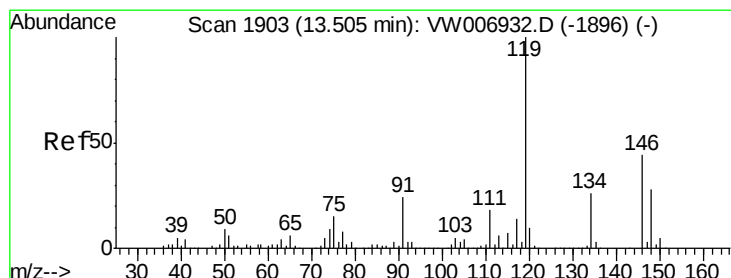
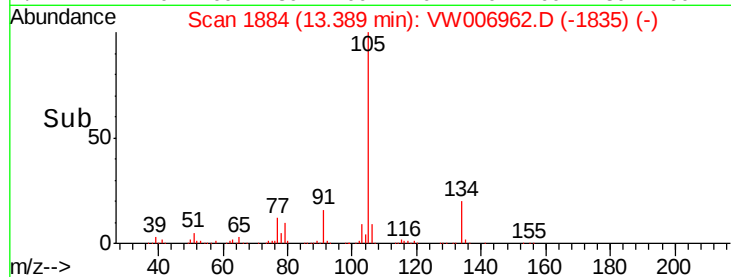
150000

100000

50000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 53.197 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

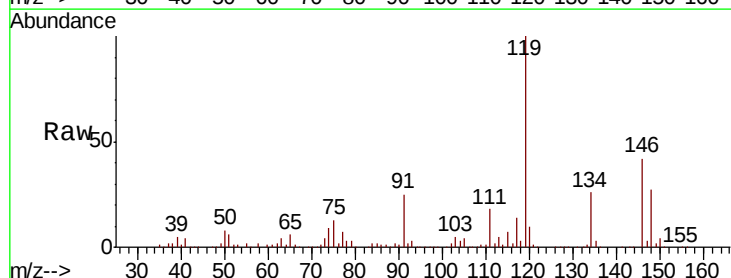
Tgt Ion:119 Resp: 199168

Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.1

91 24.8 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

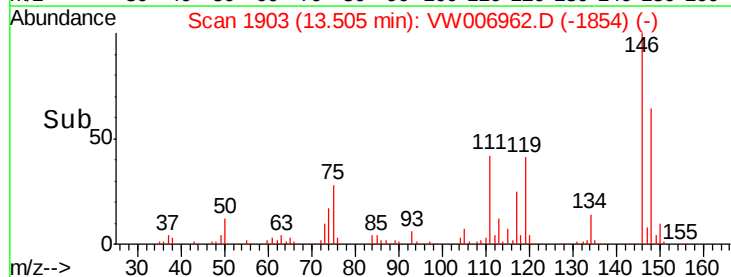
150000

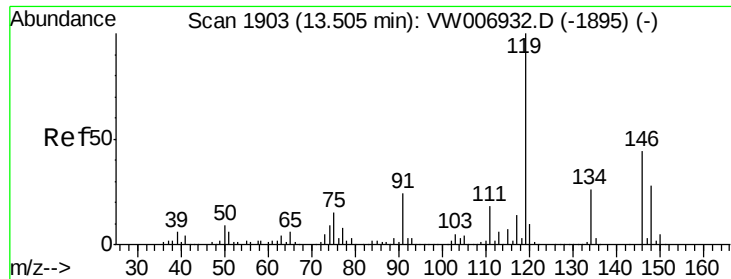
100000

50000

0

Time--> 13.45 13.50 13.55





#87

1,3-Dichlorobenzene

Concen: 50.272 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Instrument :

MSVOA_W

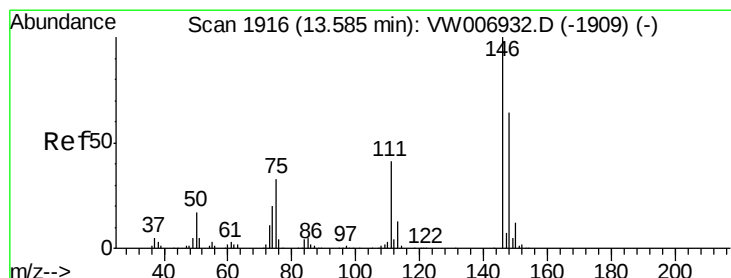
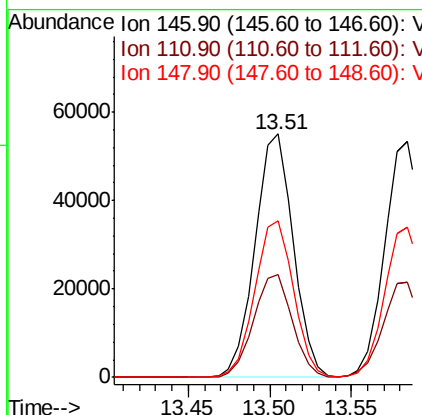
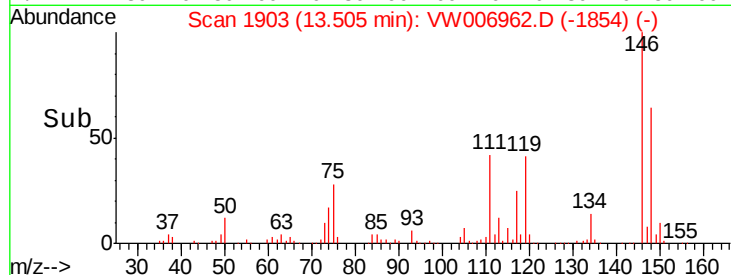
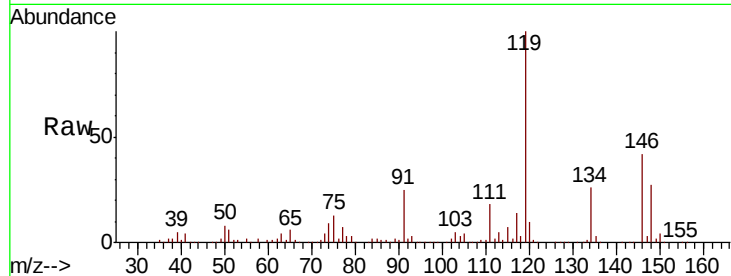
ClientSampleId :

MMTW-03(8-10)MSD

Tot Ion:	146	Resp:	89455
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.3	63.9
148	65.1	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 49.280 ug/l

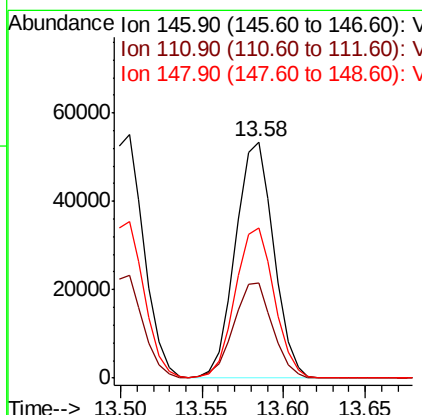
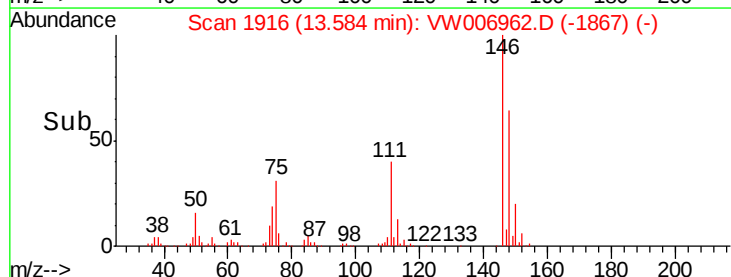
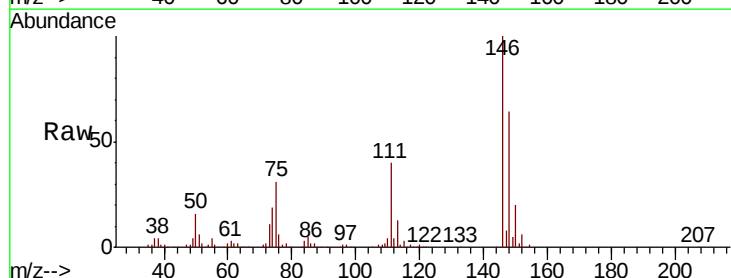
RT: 13.58 min Scan# 1916

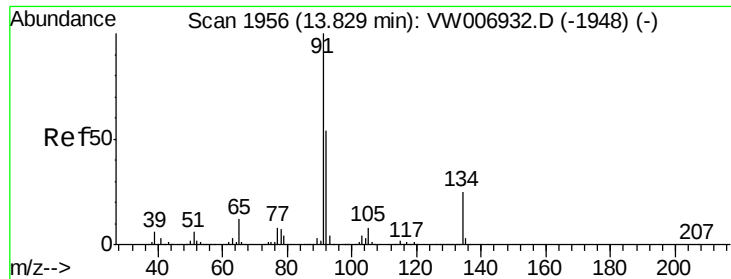
Delta R.T. -0.00 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Tgt Ion:	146	Resp:	87394
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.7	62.1
148	64.6	31.9	95.9





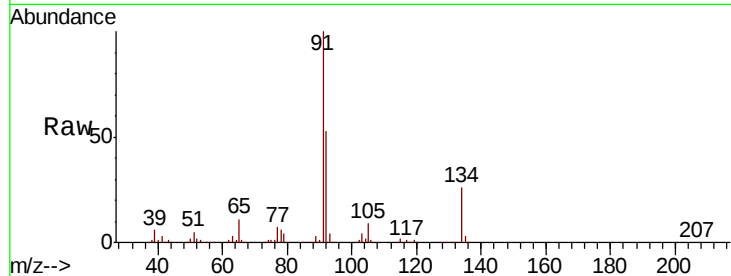
#89
n-Butylbenzene
Concen: 41.151 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.4	79.2
134	26.4	12.9	38.6

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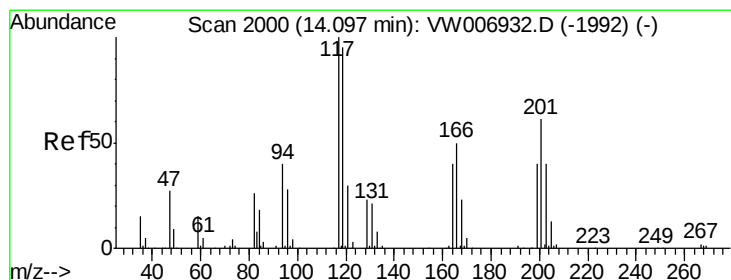
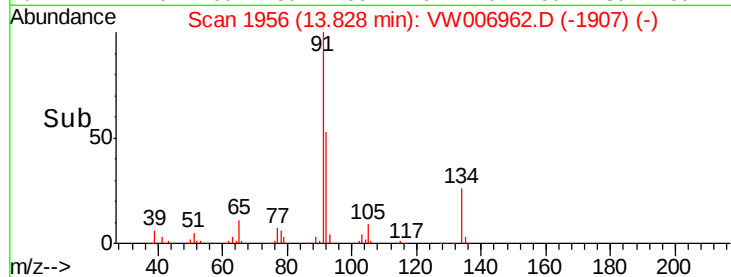
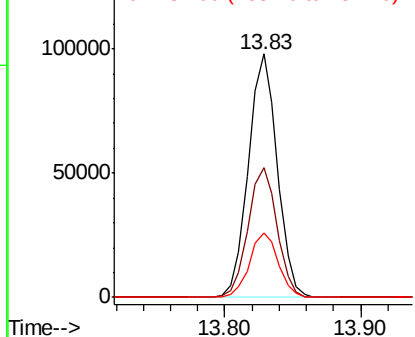


Abundance

Ion 91.00 (90.70 to 91.70): VW

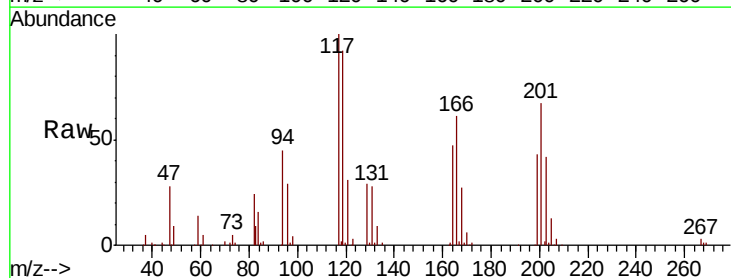
Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90
Hexachloroethane
Concen: 50.221 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

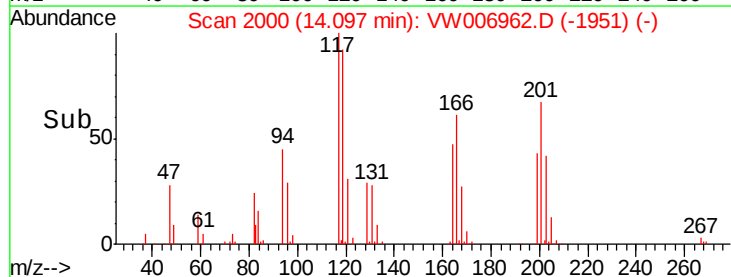
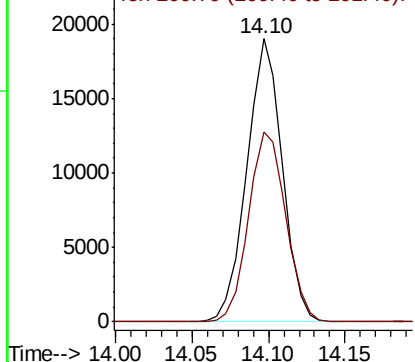
Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.5	33.8	101.4

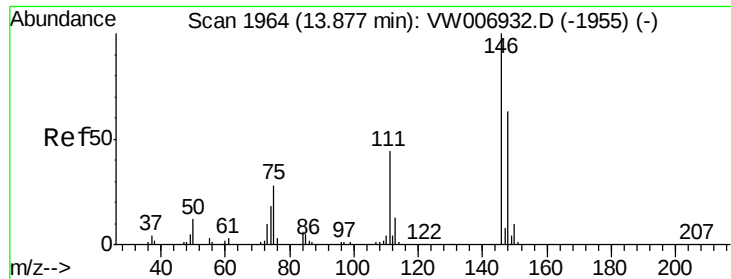


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 54.648 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Instrument :

MSVOA_W

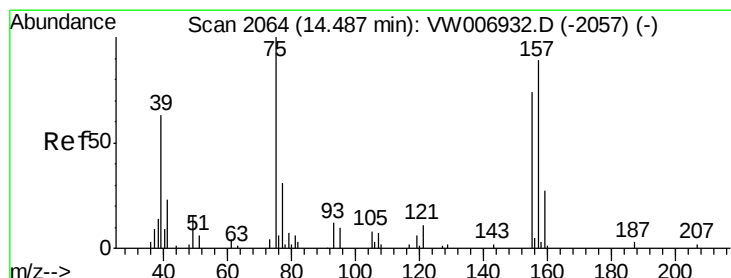
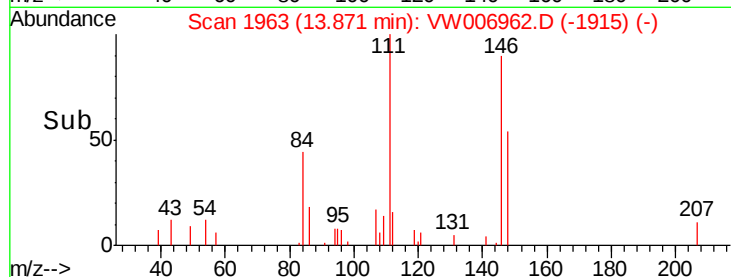
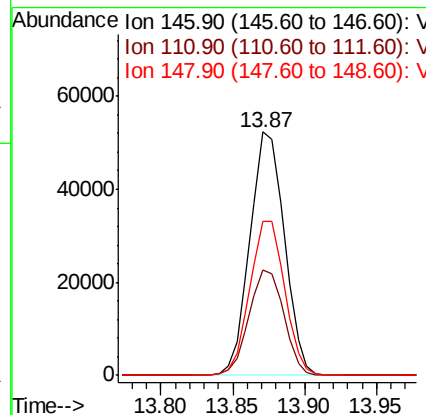
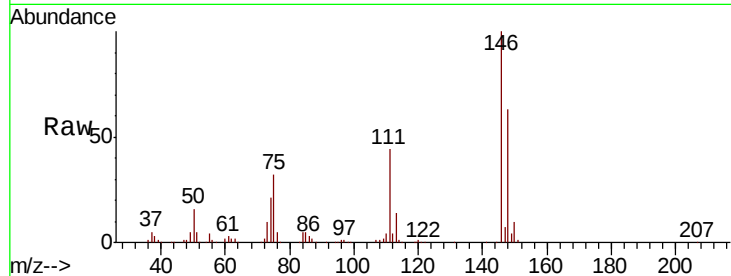
ClientSampleId :

MMTW-03(8-10)MSD

Tot Ion:	146	Resp:	86953
Ion Ratio	Lower	Upper	
146	100		
111	43.5	22.6	67.7
148	64.0	31.7	95.1

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#92

1,2-Dibromo-3-Chloropropane

Concen: 76.039 ug/l

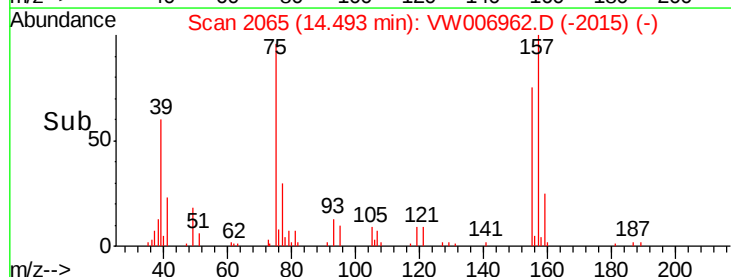
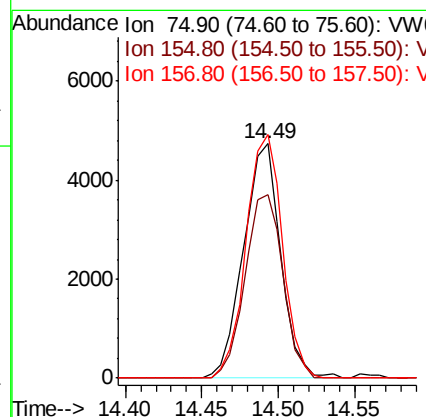
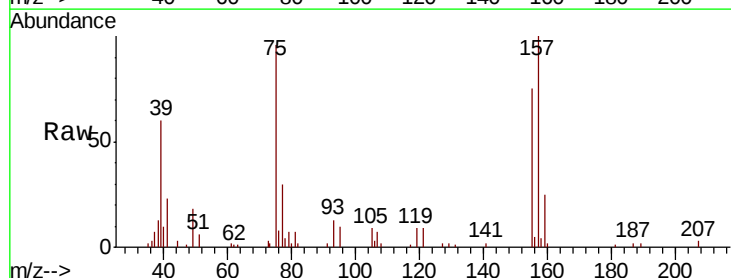
RT: 14.49 min Scan# 2065

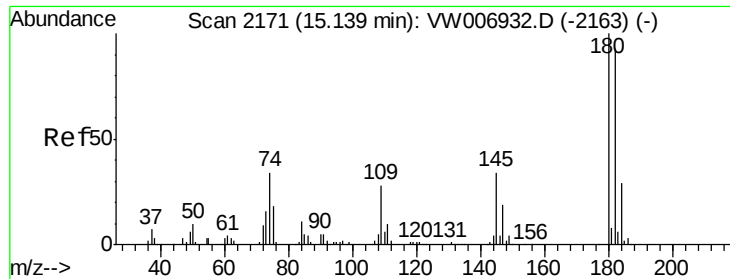
Delta R.T. 0.01 min

Lab File: VW006962.D

Acq: 19 Nov 2018 23:57

Tgt Ion:	75	Resp:	7947
Ion Ratio	Lower	Upper	
75	100		
155	79.8	38.6	115.7
157	102.0	49.7	149.1





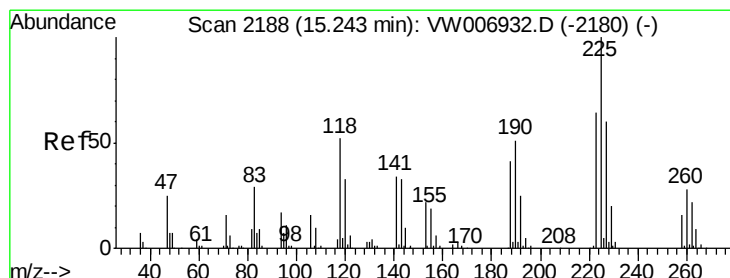
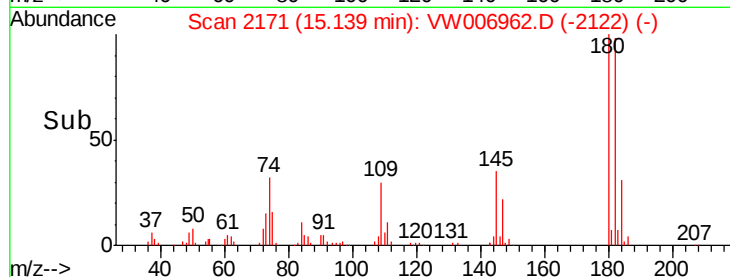
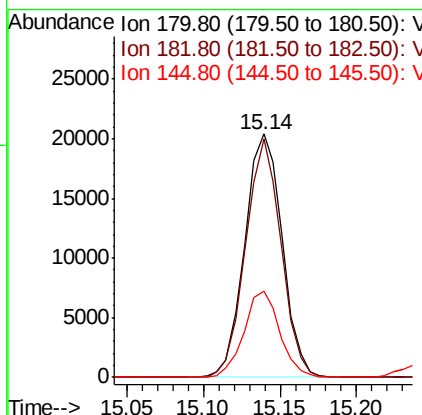
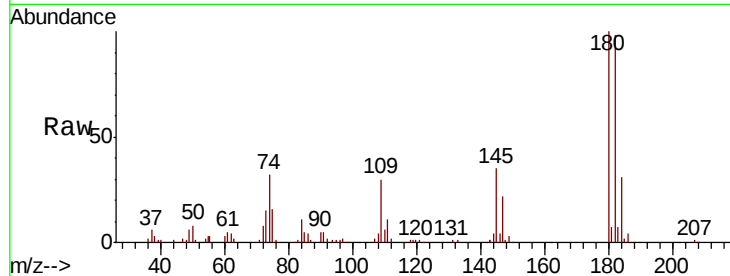
#93
1,2,4-Trichlorobenzene
Concen: 34.591 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.3	141.9
145	33.8	16.8	50.4

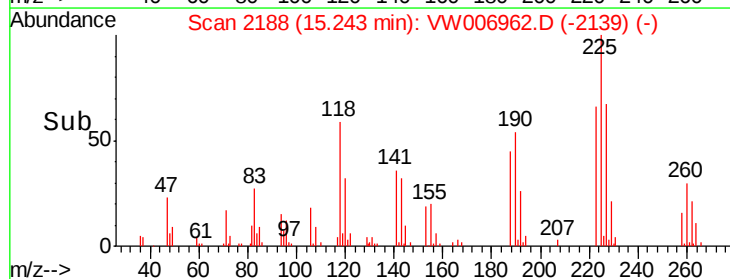
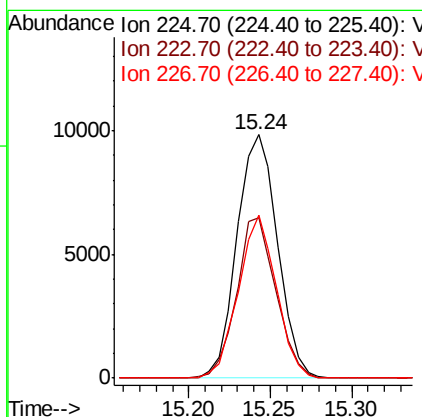
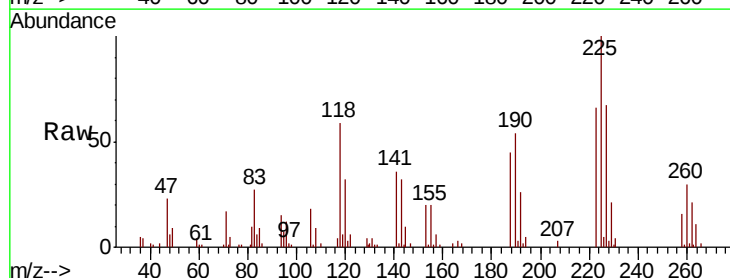
Manual Integrations
APPROVED

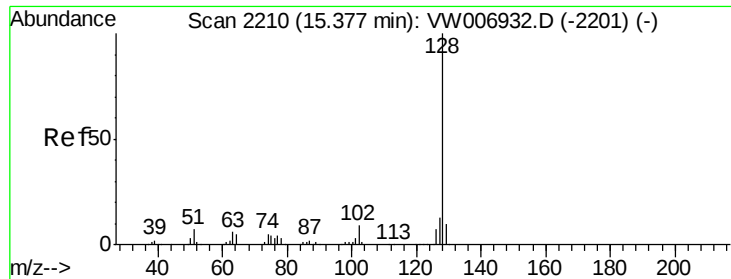
apatel
11/20/2018 4:52:53 PM



#94
Hexachlorobutadiene
Concen: 32.144 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.1	96.3
227	62.5	31.6	95.0





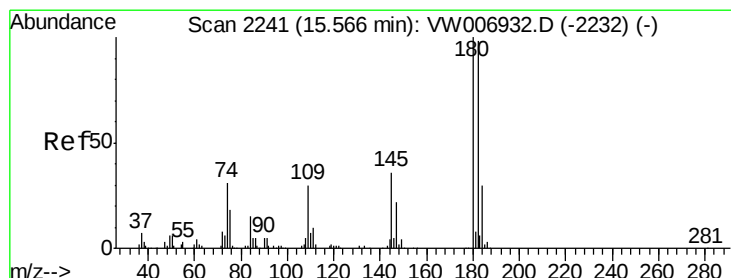
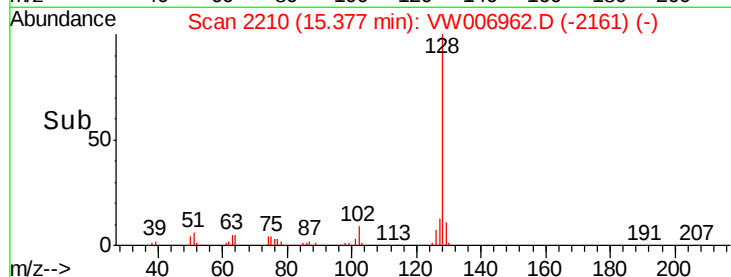
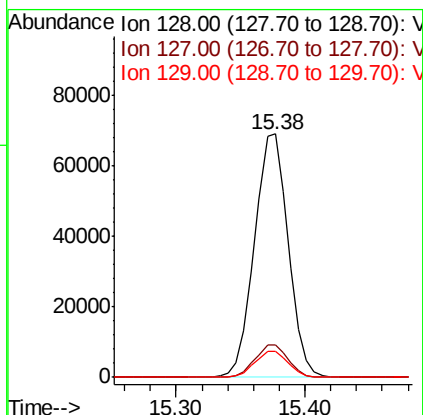
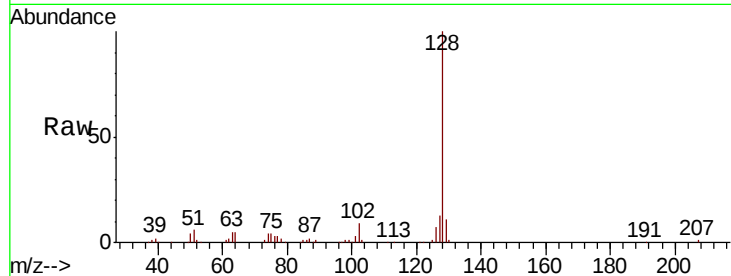
#95
Naphthalene
Concen: 64.647 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
MMTW-03(8-10)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.7	8.5	12.7

Manual Integrations
APPROVED

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11/20/2018 4:52:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 37.500 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006962.D
Acq: 19 Nov 2018 23:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.4	142.2
145	35.0	17.6	52.9

