

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006950.D
 Acq On : 19 Nov 2018 18:52
 Operator : SY/AP
 Sample : VW1120SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Manual Integrations
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 11/20/2018 5:56:09 PM

Quant Time: Nov 20 05:01:44 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	7.96	168	127578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	201322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	193499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	96934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68994	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
35) Dibromofluoromethane	7.89	113	61564	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
50) Toluene-d8	10.33	98	266917	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.62	95	104730	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	28973	23.720	ug/l	100
3) Chloromethane	2.21	50	22884	20.812	ug/l	95
4) Vinyl Chloride	2.36	62	22228	21.325	ug/l	99
5) Bromomethane	2.78	94	11326	20.229	ug/l	97
6) Chloroethane	2.92	64	11618	20.240	ug/l	90
7) Trichlorofluoromethane	3.26	101	42873	21.134	ug/l	98
8) Diethyl Ether	3.69	74	14222	19.373	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	27458	20.959	ug/l	96
10) Methyl Iodide	4.28	142	26772	18.810	ug/l	98
11) Tert butyl alcohol	5.22	59	9154m	84.630	ug/l	
12) 1,1-Dichloroethene	4.04	96	24160	20.555	ug/l	96
13) Acrolein	3.90	56	9973	101.684	ug/l	98
14) Allyl chloride	4.68	41	39090	18.905	ug/l	97
15) Acrylonitrile	5.38	53	26961	94.362	ug/l	99
16) Acetone	4.15	43	20363	93.634	ug/l	98
17) Carbon Disulfide	4.39	76	76224	20.499	ug/l	98
18) Methyl Acetate	4.68	43	13849	17.401	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	68797	19.966	ug/l	100
20) Methylene Chloride	4.92	84	33117	20.093	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	28510	20.334	ug/l	97
22) Diisopropyl ether	6.32	45	81872	19.398	ug/l	99
23) Vinyl Acetate	6.26	43	216670	92.706	ug/l	97
24) 1,1-Dichloroethane	6.22	63	47627	19.597	ug/l	100
25) 2-Butanone	7.18	43	34428	95.322	ug/l	97
26) 2,2-Dichloropropane	7.17	77	42132	19.869	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	30375	19.485	ug/l	98
28) Bromochloromethane	7.52	49	17965	20.127	ug/l #	98
29) Tetrahydrofuran	7.54	42	22766	96.925	ug/l	99
30) Chloroform	7.68	83	51592	19.364	ug/l	99
31) Cyclohexane	7.96	56	51978	21.349	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	47934	20.898	ug/l	99
36) 1,1-Dichloropropene	8.09	75	42787	22.309	ug/l	99
37) Ethyl Acetate	7.26	43	15639	19.178	ug/l	100
38) Carbon Tetrachloride	8.07	117	41277	21.899	ug/l	97

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 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)
39) Methylcyclohexane	9.34	83	50975	21.416	ug/l	99
40) Benzene	8.33	78	112658	20.784	ug/l	99
41) Methacrylonitrile	7.49	41	10463	20.948	ug/l	98
42) 1,2-Dichloroethane	8.40	62	33811	20.836	ug/l	99
43) Isopropyl Acetate	8.43	43	28734	18.364	ug/l	98
44) Trichloroethene	9.10	130	31794	21.815	ug/l	97
45) 1,2-Dichloropropane	9.37	63	28590	20.881	ug/l	99
46) Dibromomethane	9.46	93	14724	21.235	ug/l	98
47) Bromodichloromethane	9.65	83	38178	20.910	ug/l	99
48) Methyl methacrylate	9.44	41	13358	17.692	ug/l	99
49) 1,4-Dioxane	9.47	88	3890	370.214	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	74760	96.943	ug/l	98
52) Toluene	10.39	92	75344	20.777	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	35902	20.120	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	43174	20.219	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	21550	21.078	ug/l	96
56) Ethyl methacrylate	10.65	69	22613	17.790	ug/l	96
57) 1,3-Dichloropropane	10.93	76	35585	20.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	65726	105.176	ug/l	98
59) 2-Hexanone	10.97	43	51556	99.891	ug/l	98
60) Dibromochloromethane	11.13	129	23894	20.494	ug/l	96
61) 1,2-Dibromoethane	11.24	107	19329	20.342	ug/l	100
64) Tetrachloroethene	10.87	164	26223	21.052	ug/l	95
65) Chlorobenzene	11.66	112	84313	20.636	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	25797	19.813	ug/l	98
67) Ethyl Benzene	11.73	91	152795	20.742	ug/l	99
68) m/p-Xylenes	11.84	106	121526	42.365	ug/l	99
69) o-Xylene	12.17	106	56876	20.891	ug/l	100
70) Styrene	12.18	104	92111	21.038	ug/l	99
71) Bromoform	12.35	173	12111	19.952	ug/l #	100
73) Isopropylbenzene	12.47	105	154189	20.085	ug/l	100
74) N-amyl acetate	12.27	43	25701	16.728	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	21584	19.114	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	13474m	17.297	ug/l	
77) Bromobenzene	12.75	156	33316	20.477	ug/l	99
78) n-propylbenzene	12.81	91	186707	20.241	ug/l	100
79) 2-Chlorotoluene	12.90	91	108253	20.025	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	133740	20.232	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	6114	17.866	ug/l	98
82) 4-Chlorotoluene	12.99	91	114366	20.066	ug/l	99
83) tert-Butylbenzene	13.21	119	115720	20.615	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	136083	20.492	ug/l	99
85) sec-Butylbenzene	13.39	105	165273	20.634	ug/l	100
86) p-Isopropyltoluene	13.51	119	145248	20.749	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	69750	20.965	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	68289	20.595	ug/l	97
89) n-Butylbenzene	13.83	91	135582	20.461	ug/l	99
90) Hexachloroethane	14.10	117	21016	18.415	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	61023	20.512	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3653	18.694	ug/l	98

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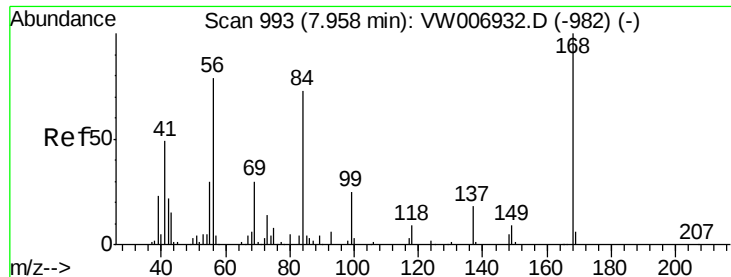
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 17 04:45:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	39055	20.865	ug/l	98
94) Hexachlorobutadiene	15.24	225	20595	20.829	ug/l	100
95) Naphthalene	15.38	128	69828	19.361	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	32861	20.479	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion:168 Resp: 127578

Ion Ratio Lower Upper

168 100

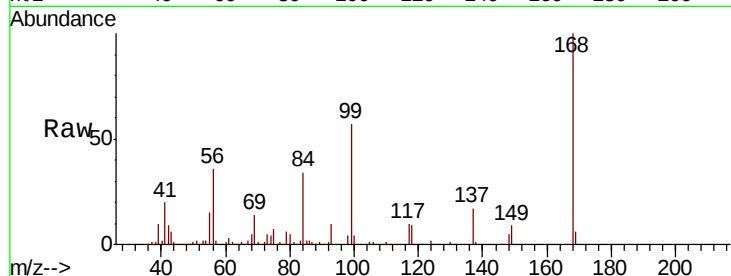
99 57.2 49.3 73.9

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

60000

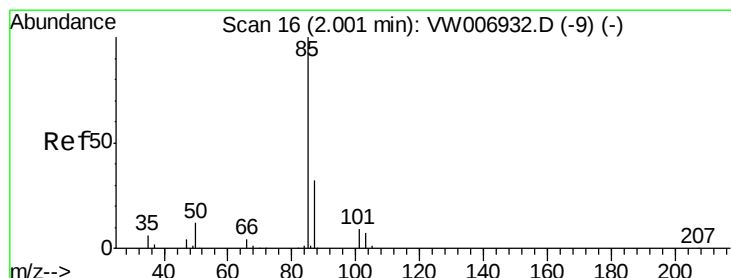
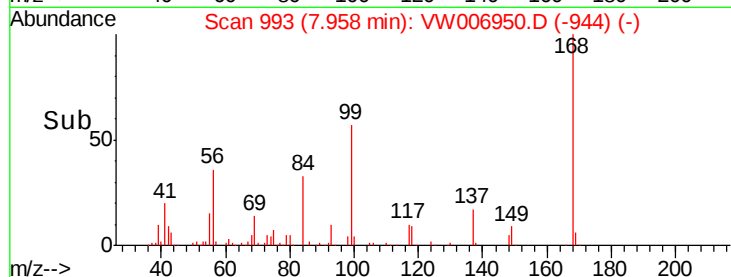
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 23.720 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006950.D

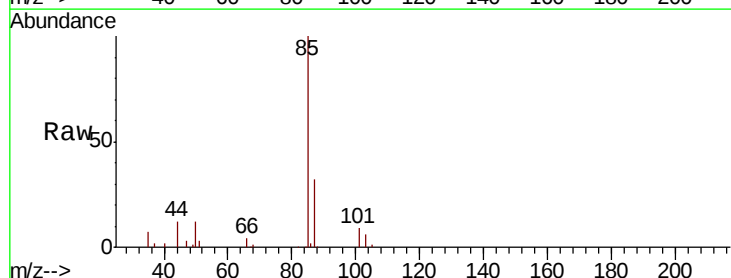
Acq: 19 Nov 2018 18:52

Tgt Ion: 85 Resp: 28973

Ion Ratio Lower Upper

85 100

87 32.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

15000

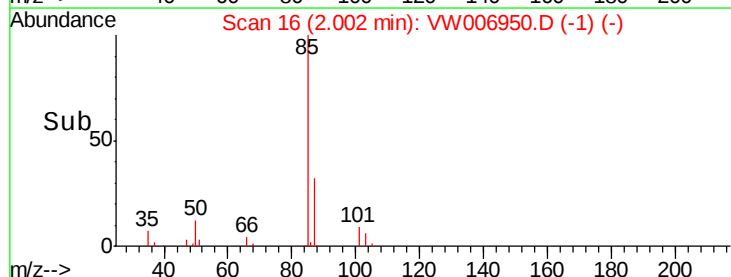
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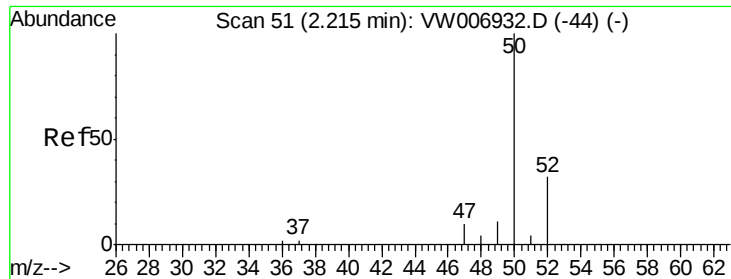
5000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 20.812 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 50 Resp: 22884

Ion Ratio Lower Upper

50 100

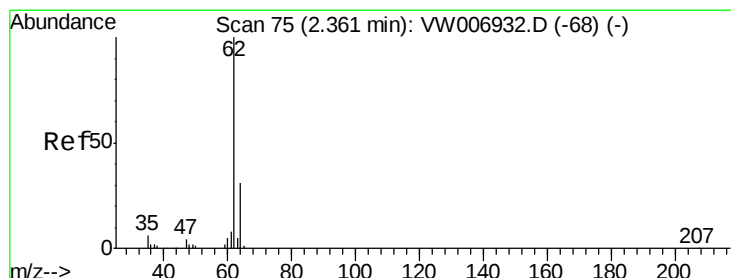
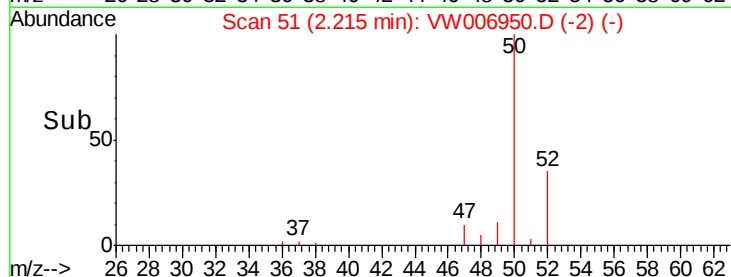
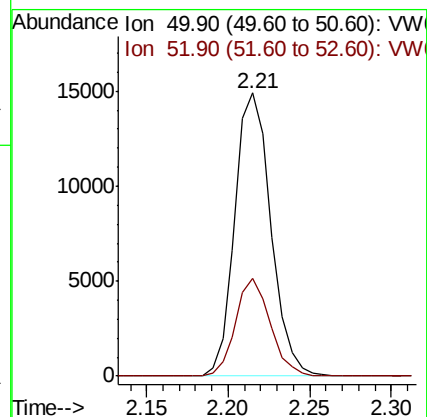
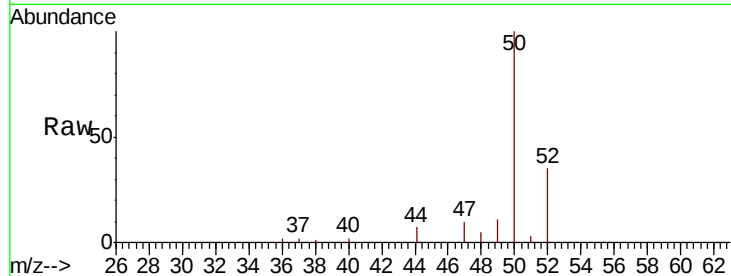
52 34.6 25.4 38.2

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#4

Vinyl Chloride

Concen: 21.325 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006950.D

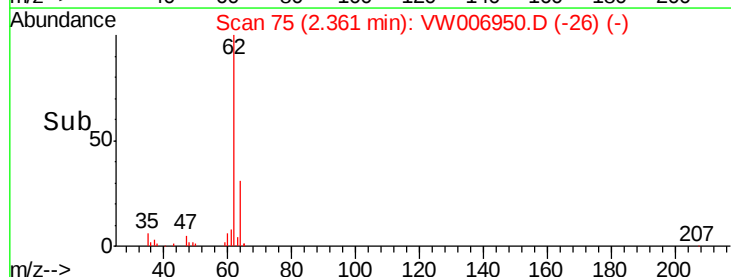
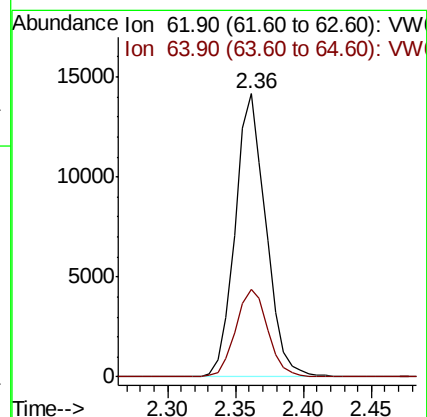
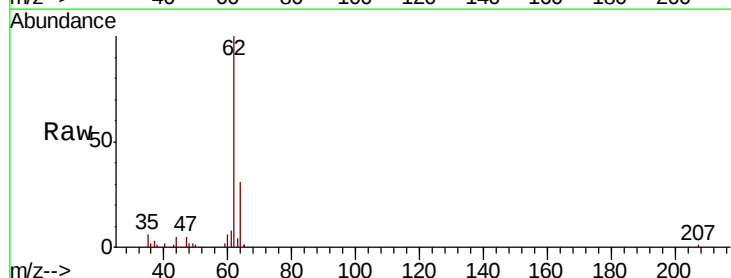
Acq: 19 Nov 2018 18:52

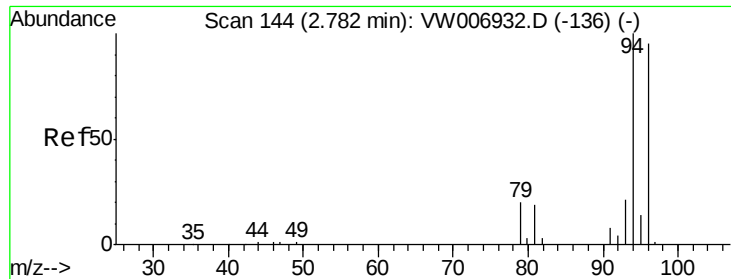
Tgt Ion: 62 Resp: 22228

Ion Ratio Lower Upper

62 100

64 31.1 24.6 37.0





#5

Bromomethane

Concen: 20.229 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 94 Resp: 11326

Ion Ratio Lower Upper

94 100

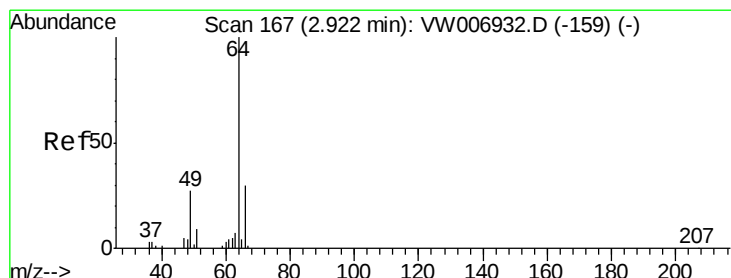
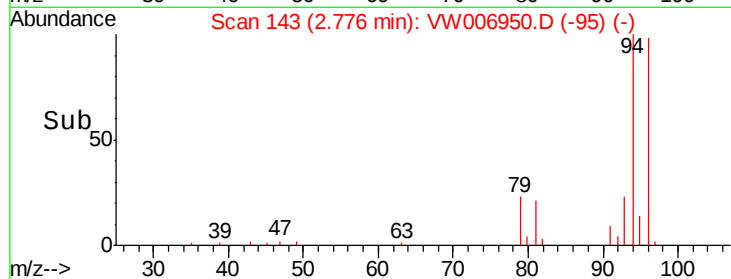
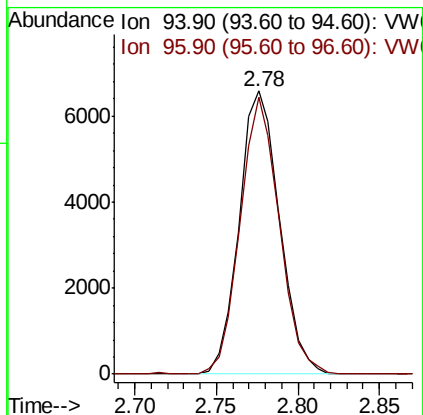
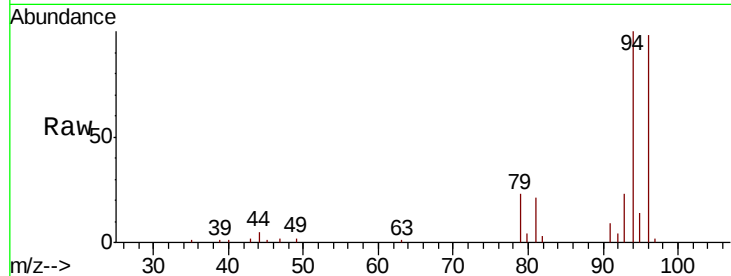
96 98.0 76.2 114.4

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#6

Chloroethane

Concen: 20.240 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006950.D

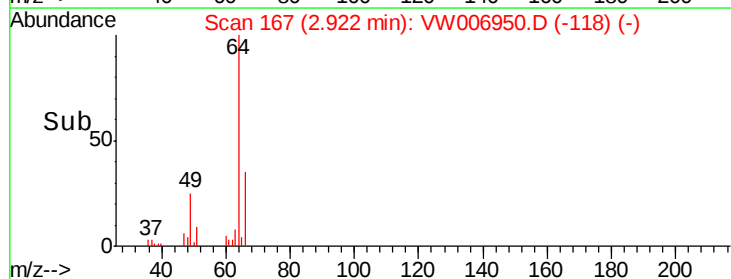
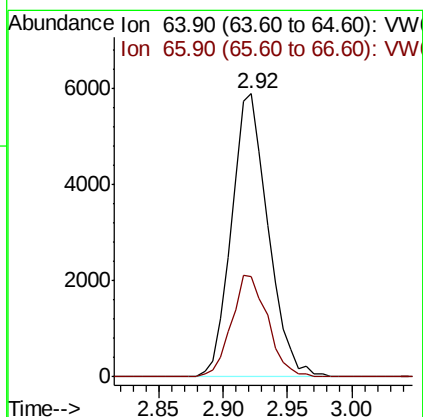
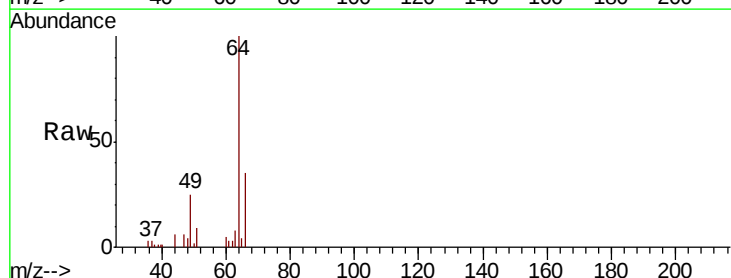
Acq: 19 Nov 2018 18:52

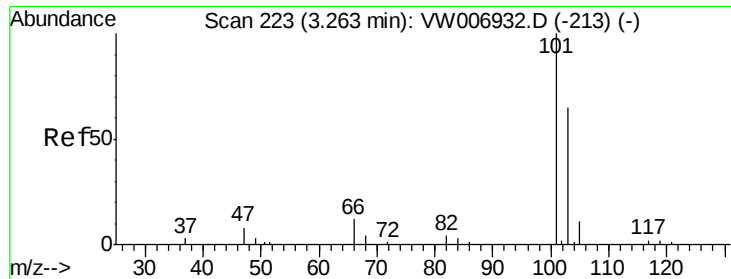
Tgt Ion: 64 Resp: 11618

Ion Ratio Lower Upper

64 100

66 35.4 24.0 36.0





#7

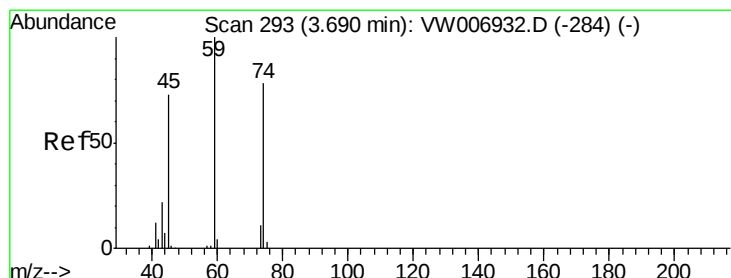
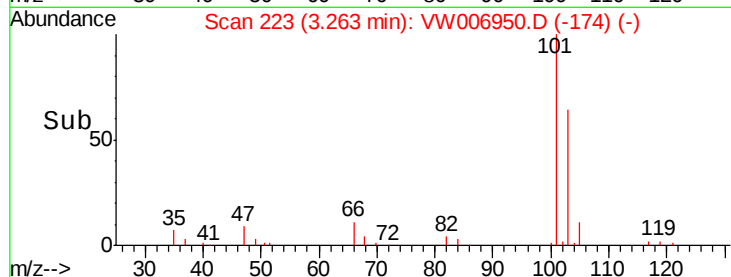
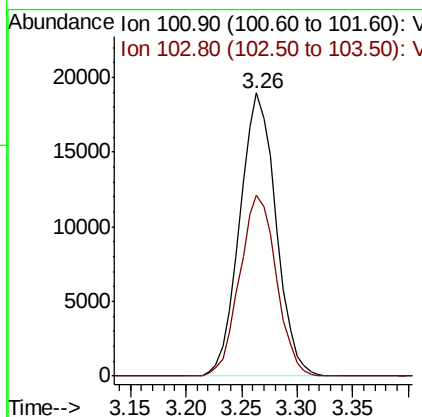
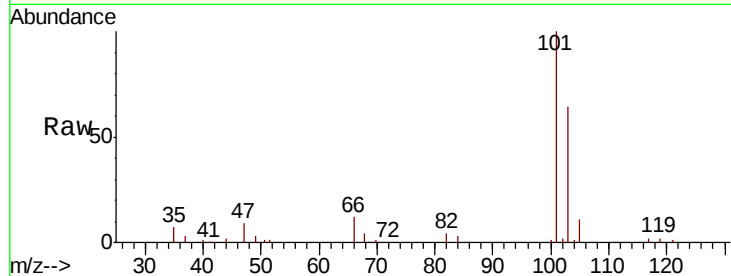
Trichlorofluoromethane
 Concen: 21.134 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006950.D
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Instrument :
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 VW1120SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		42873		
103	64.0	52.2	78.2		

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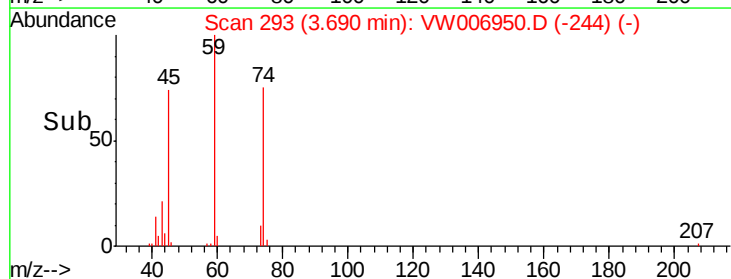
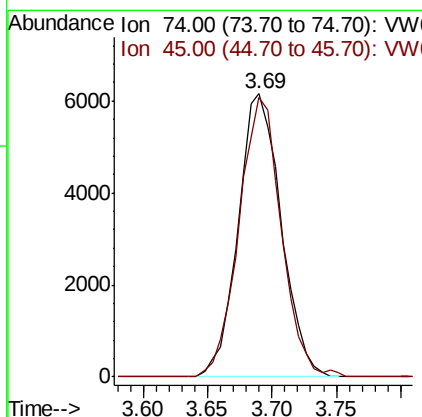
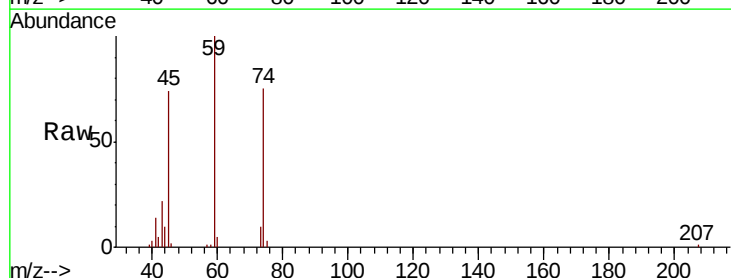
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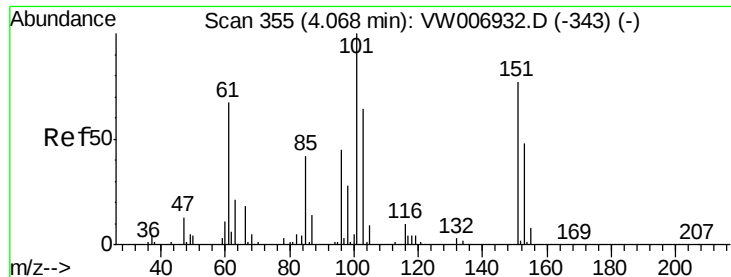


#8

Diethyl Ether
 Concen: 19.373 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		14222		
45	97.1	48.0	144.2		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.959 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006950.D

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Instrument :

MSVOA_W

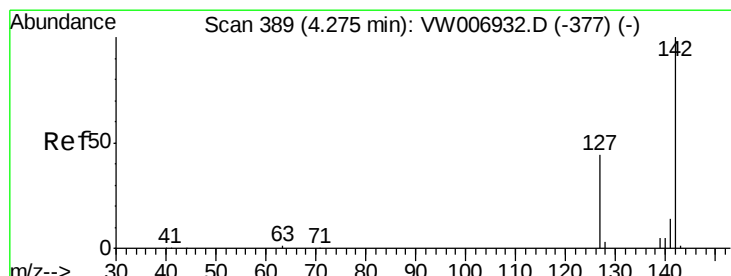
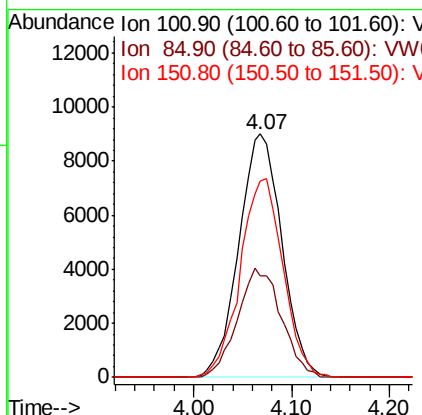
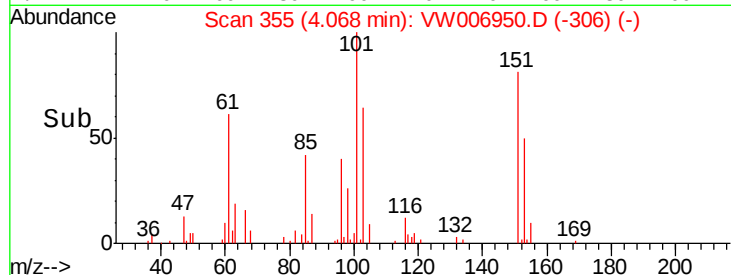
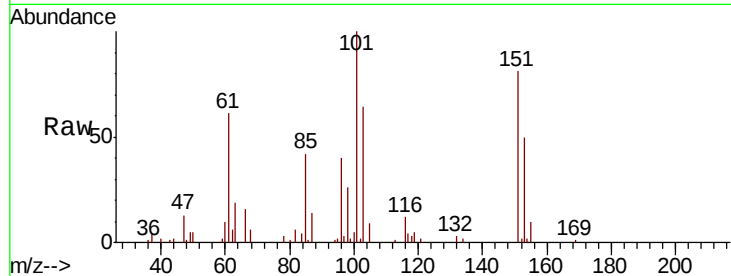
ClientSampleId :

VW1120SBS01

Tot Ion:	101	Resp:	27458
Ion Ratio	Lower	Upper	
101	100		
85	45.6	34.5	51.7
151	81.0	61.5	92.3

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#10

Methyl Iodide

Concen: 18.810 ug/l

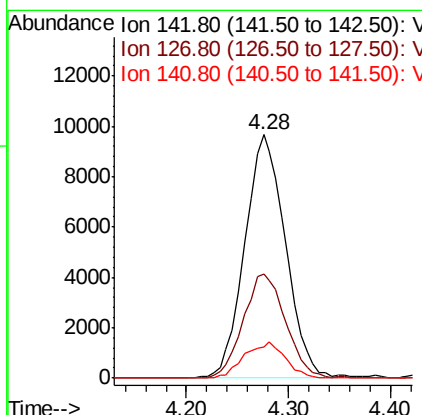
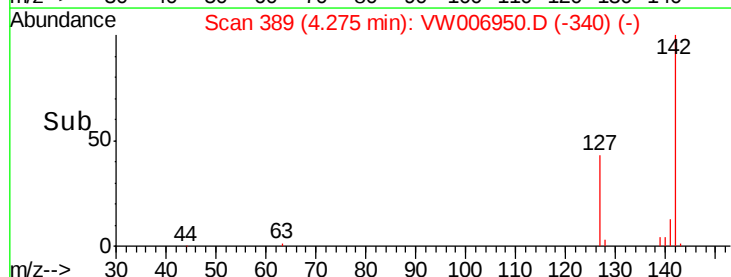
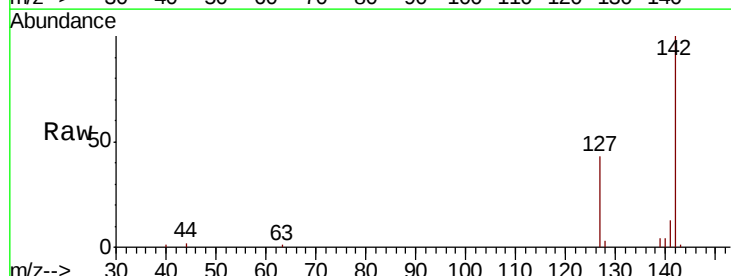
RT: 4.28 min Scan# 389

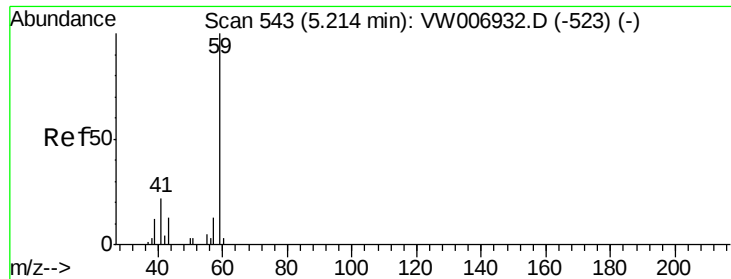
Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Tgt Ion:	142	Resp:	26772
Ion Ratio	Lower	Upper	
142	100		
127	44.3	34.4	51.6
141	14.7	11.5	17.3





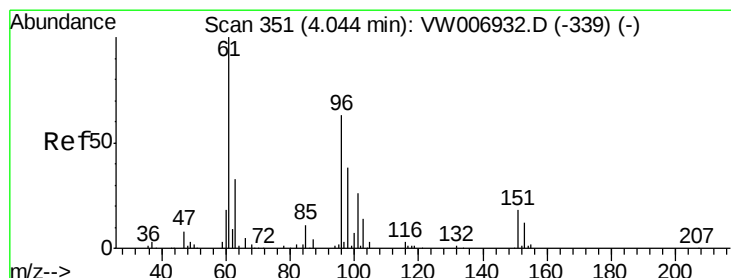
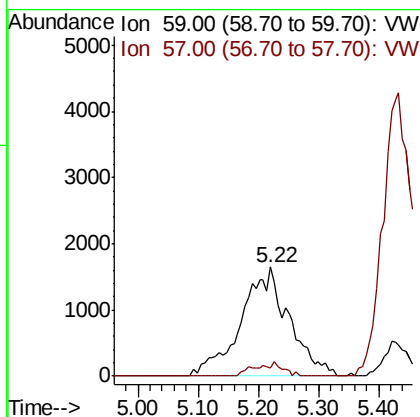
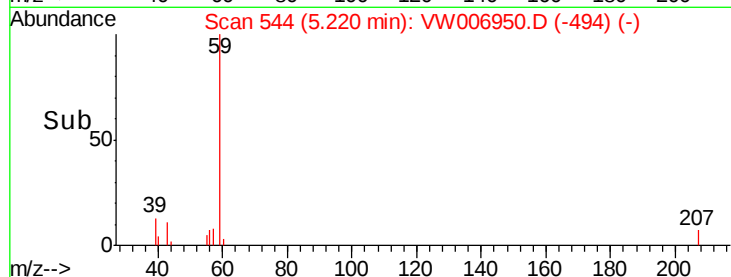
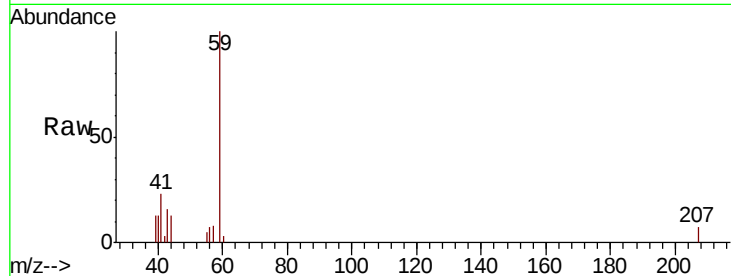
#11
Tert butyl alcohol
Concen: 84.630 ug/l m
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion: 59 Resp: 9154
Ion Ratio Lower Upper
59 100
57 7.3 8.8 13.2#

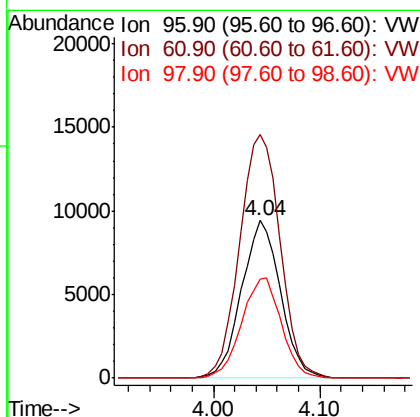
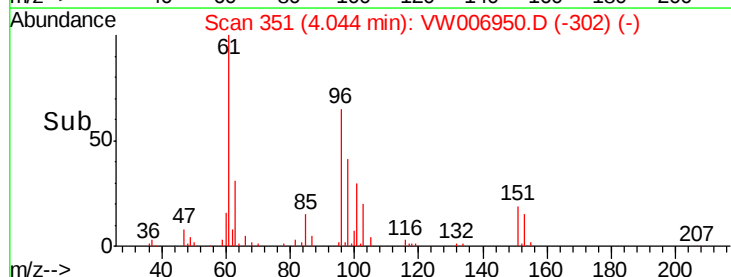
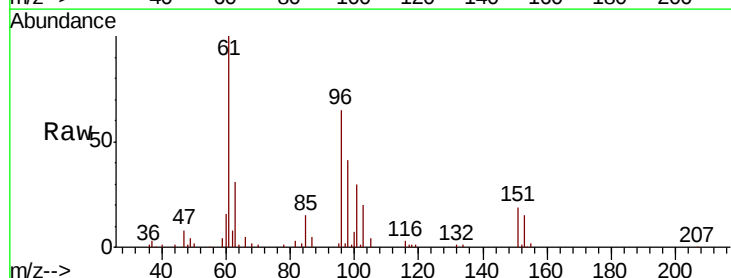
Manual Integrations
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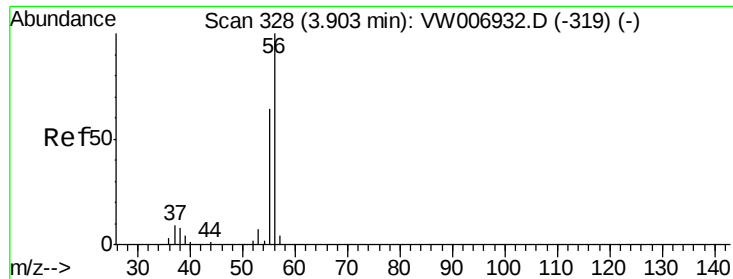
sam
11/20/2018 5:56:09 PM



#12
1,1-Dichloroethene
Concen: 20.555 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion: 96 Resp: 24160
Ion Ratio Lower Upper
96 100
61 154.7 127.8 191.8
98 63.3 48.3 72.5





#13

Acrolein

Concen: 101.684 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 56 Resp: 9973

Ion Ratio Lower Upper

56 100

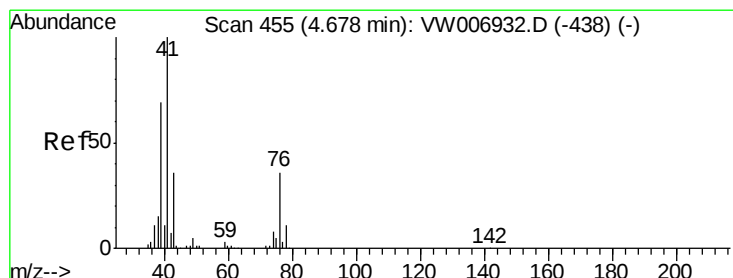
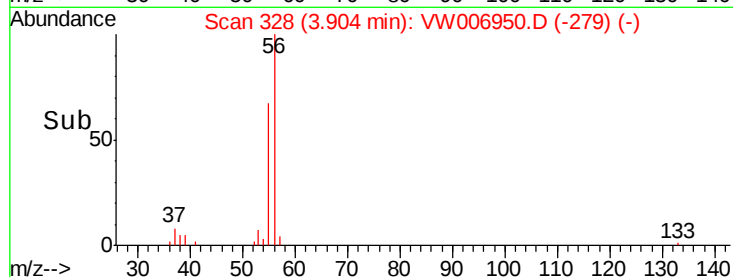
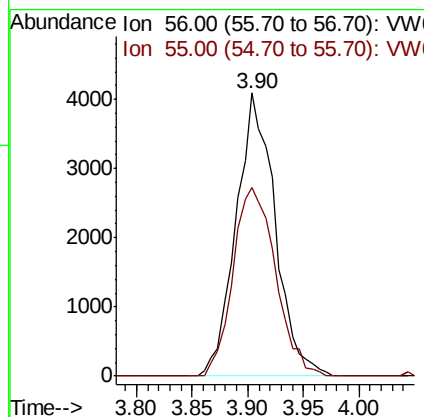
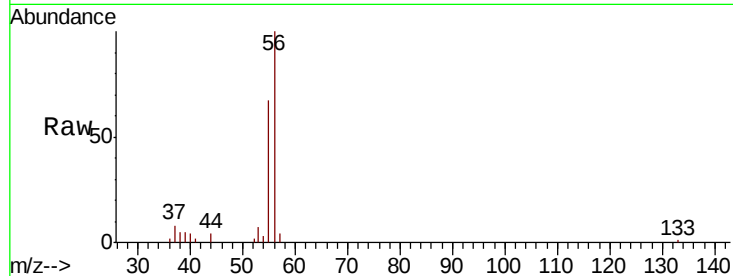
55 72.6 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 18.905 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

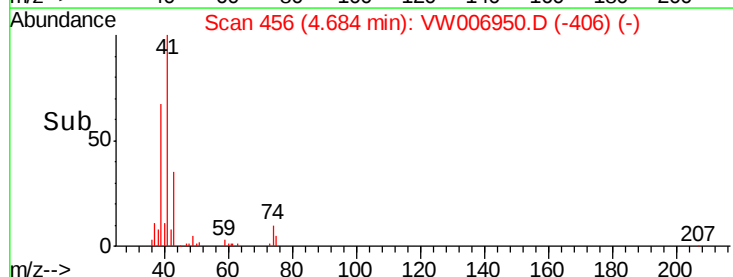
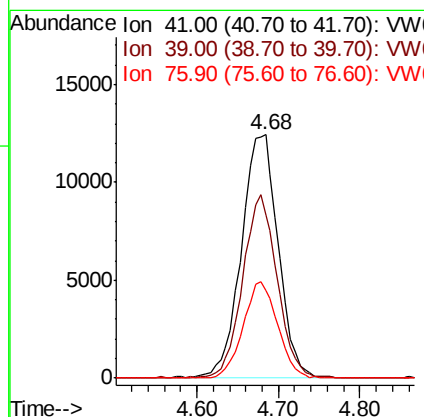
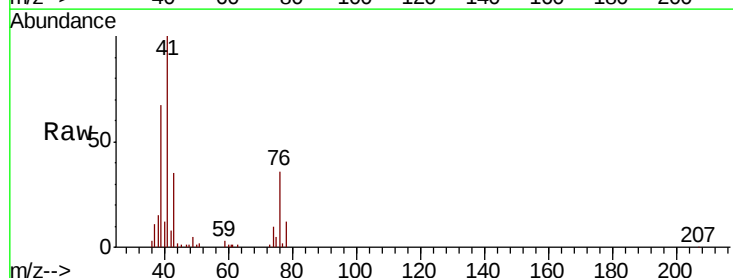
Tgt Ion: 41 Resp: 39090

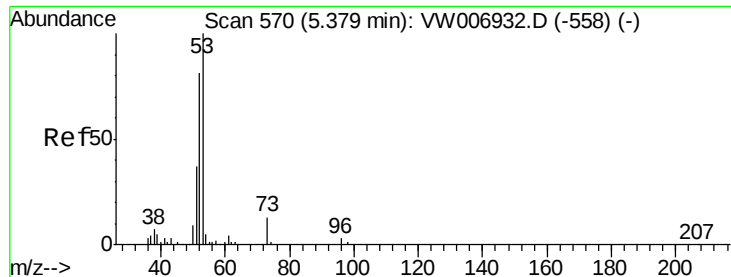
Ion Ratio Lower Upper

41 100

39 70.4 55.0 82.4

76 37.0 28.0 42.0





#15

Acrylonitrile

Concen: 94.362 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

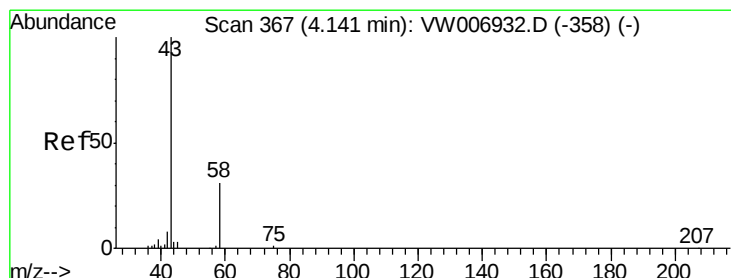
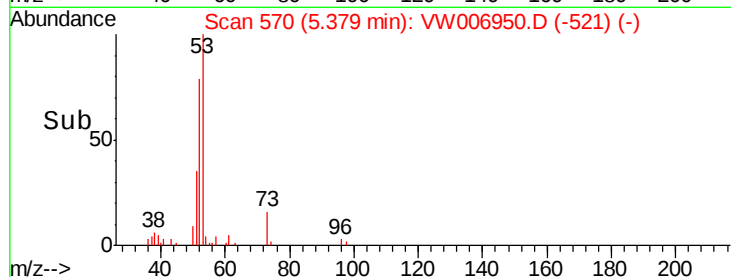
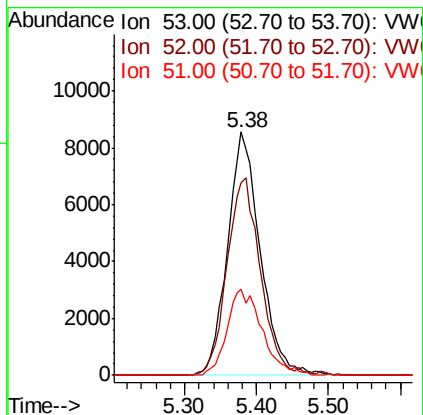
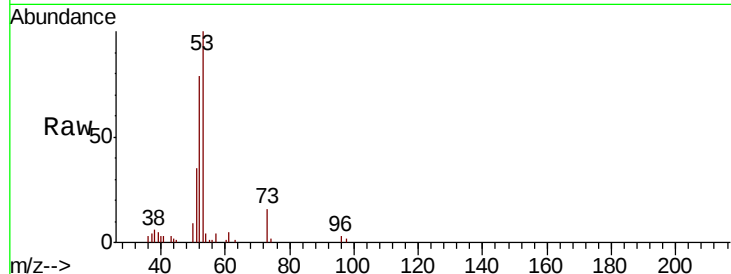
ClientSampleId :

VW1120SBS01

Tot Ion:	53	Resp:	26961
Ion	Ratio	Lower	Upper
53	100		
52	83.0	67.0	100.6
51	37.7	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 93.634 ug/l

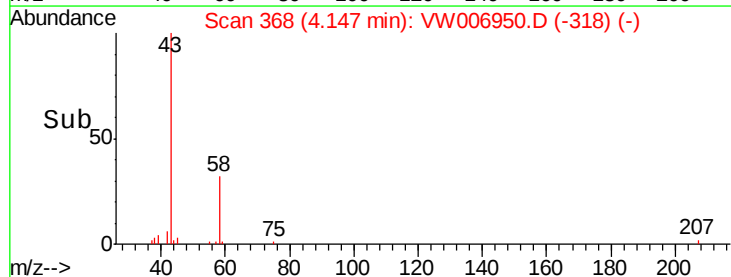
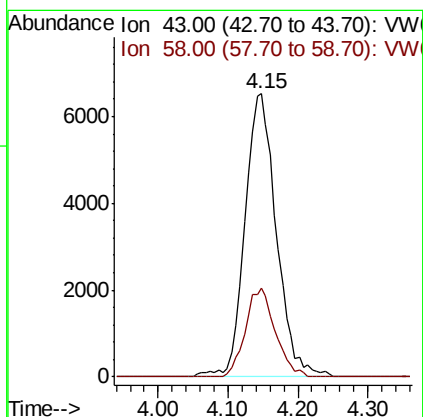
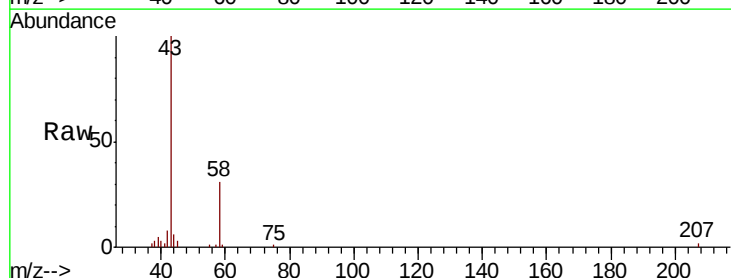
RT: 4.15 min Scan# 368

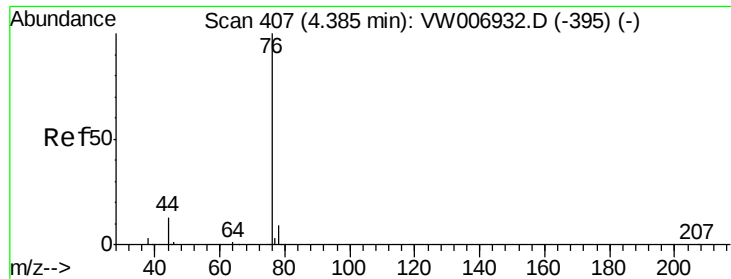
Delta R.T. 0.01 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Tgt Ion:	43	Resp:	20363
Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.2	36.4





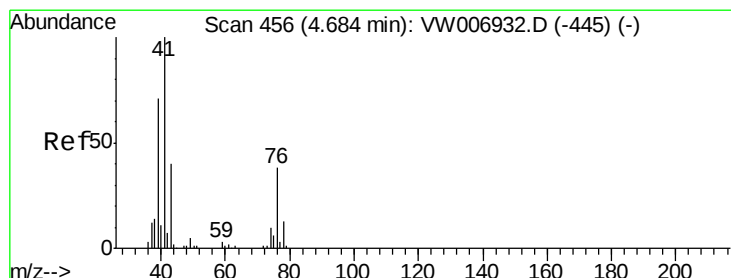
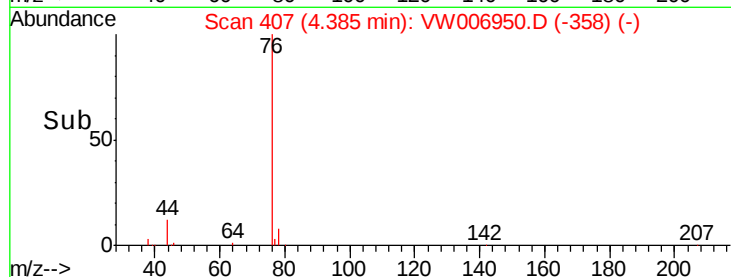
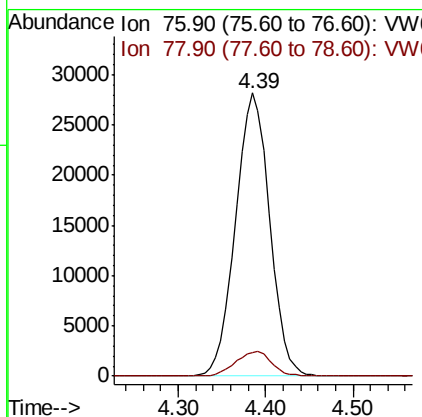
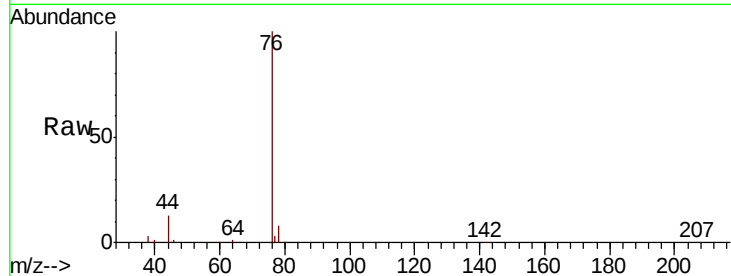
#17
Carbon Disulfide
Concen: 20.499 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion: 76 Resp: 76224
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7

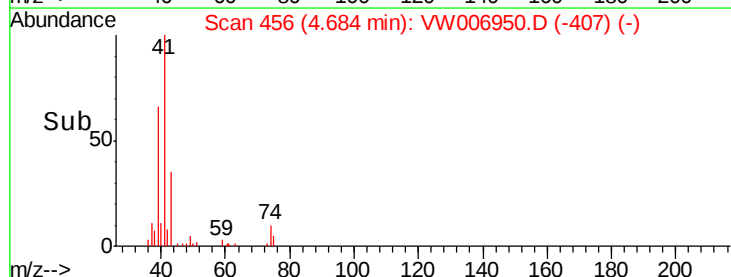
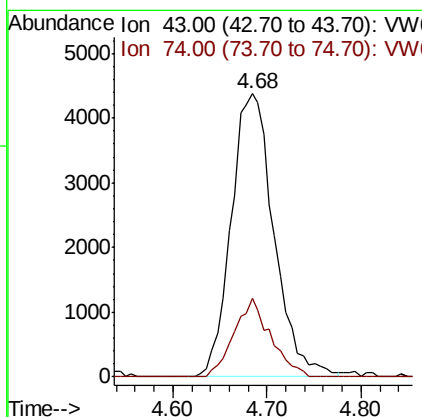
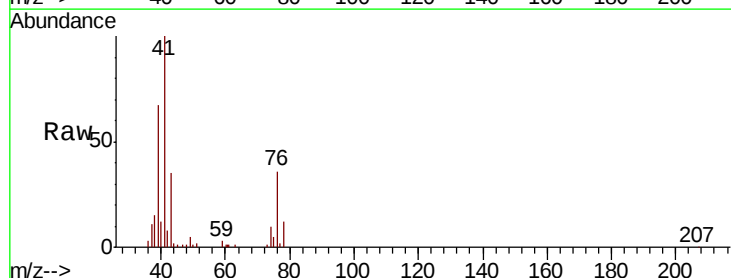
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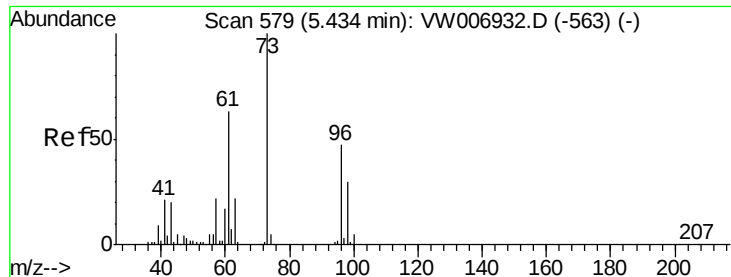
sam
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#18
Methyl Acetate
Concen: 17.401 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion: 43 Resp: 13849
Ion Ratio Lower Upper
43 100
74 23.8 20.3 30.5





#19

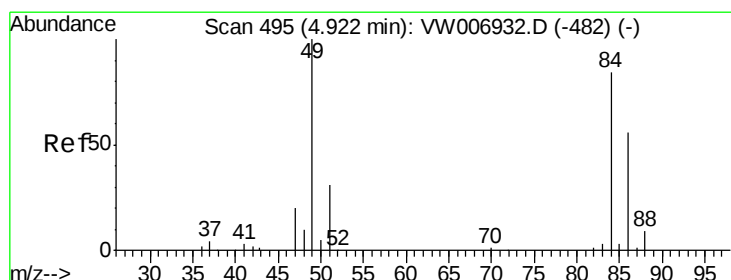
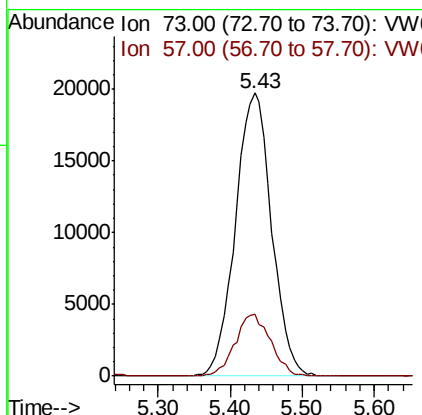
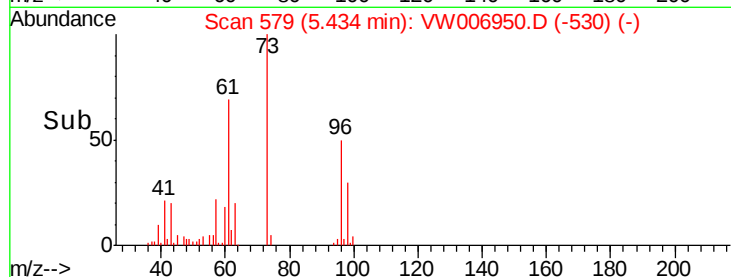
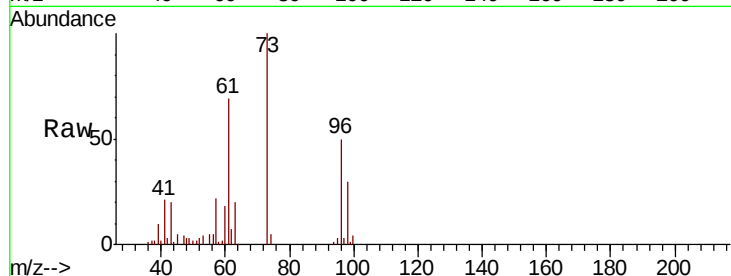
Methyl tert-butyl Ether
 Concen: 19.966 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion: 73 Resp: 68797
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.5 26.3

Manual Integrations
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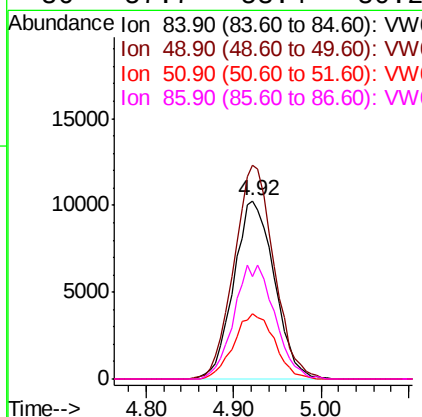
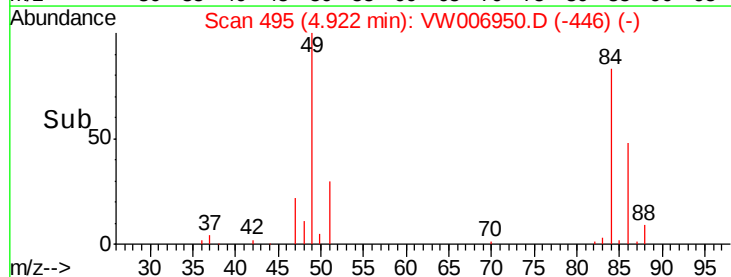
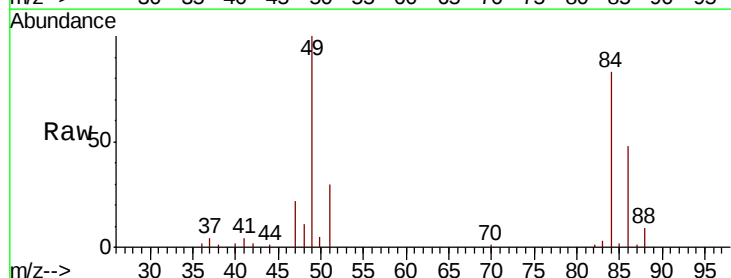
sam
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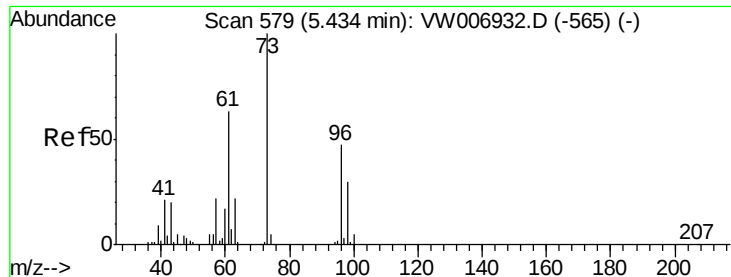


#20

Methylene Chloride
 Concen: 20.093 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion: 84 Resp: 33117
 Ion Ratio Lower Upper
 84 100
 49 119.9 95.4 143.2
 51 36.6 29.5 44.3
 86 57.7 53.4 80.2





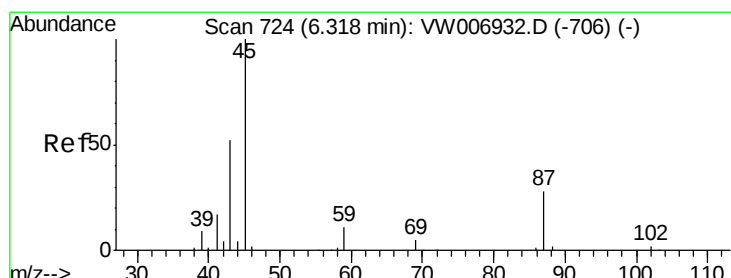
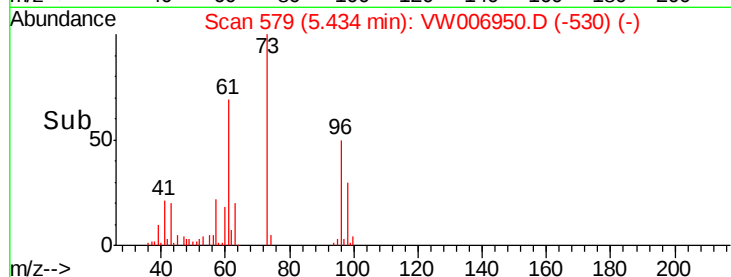
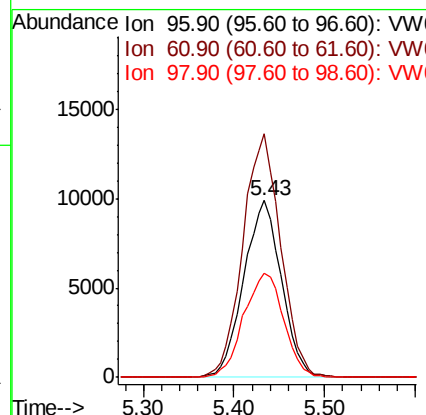
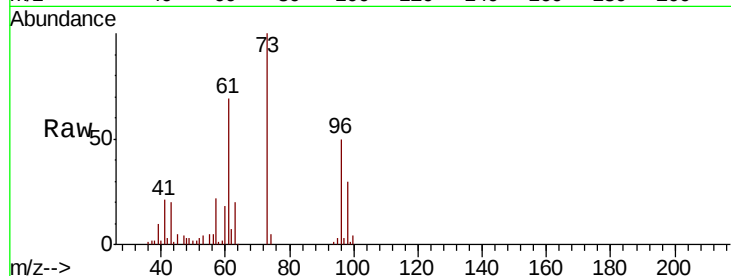
#21
trans-1,2-Dichloroethene
Concen: 20.334 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.7	108.2	162.4
98	59.2	50.6	76.0

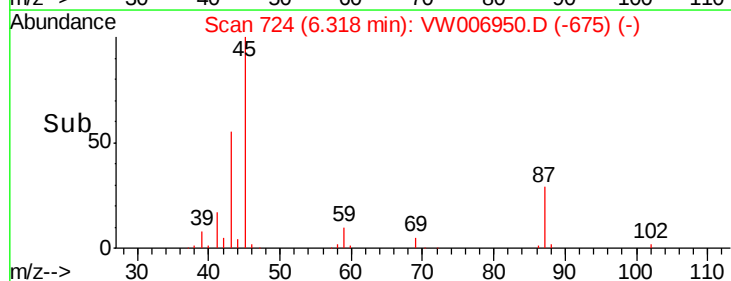
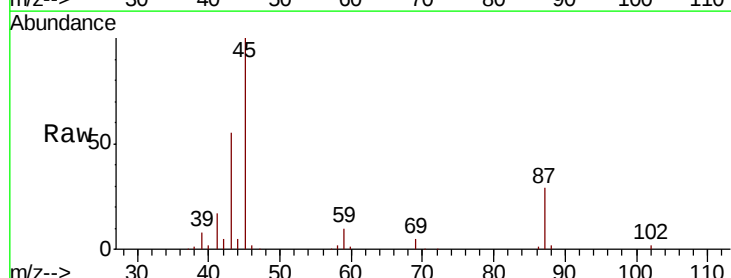
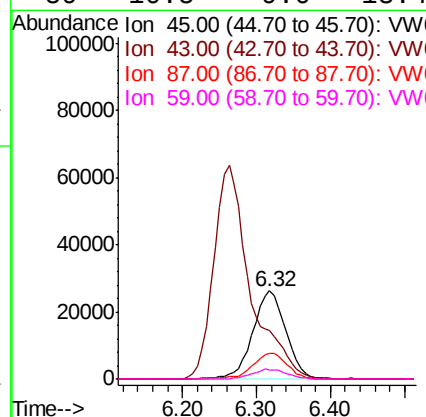
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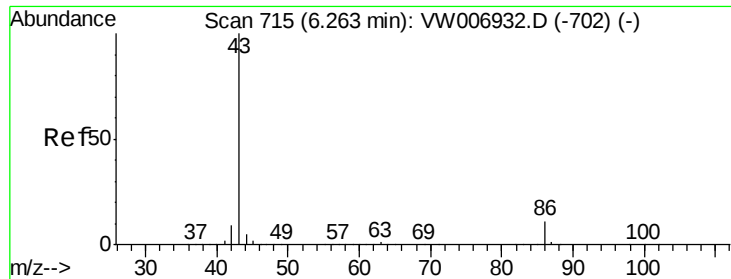
sam
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#22
Diisopropyl ether
Concen: 19.398 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.1	43.1	64.7
87	29.3	22.7	34.1
59	10.5	9.0	13.4





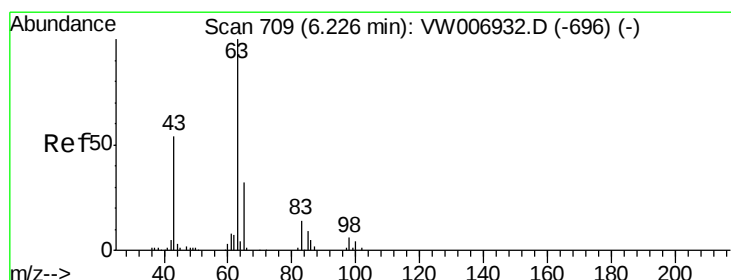
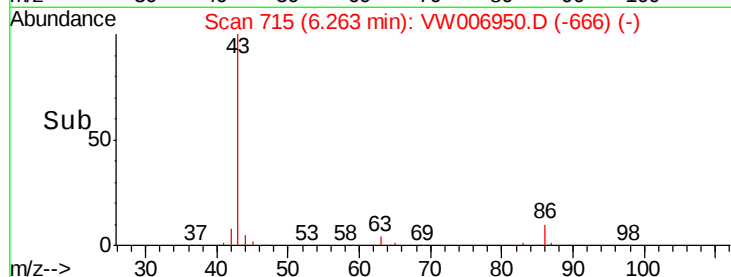
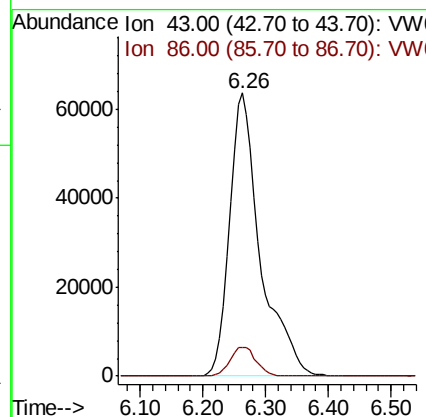
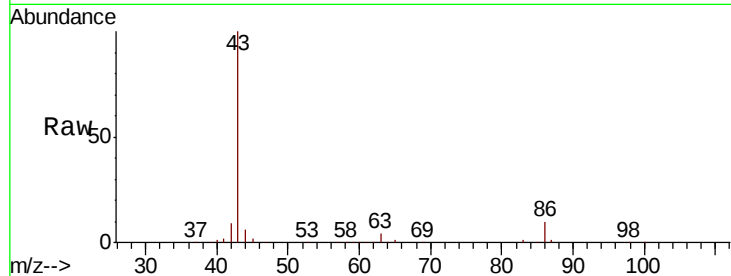
#23
 Vinyl Acetate
 Concen: 92.706 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion	43	Resp	216670
Ion Ratio	100	Lower	Upper
43	100		
86	9.9	8.7	13.1

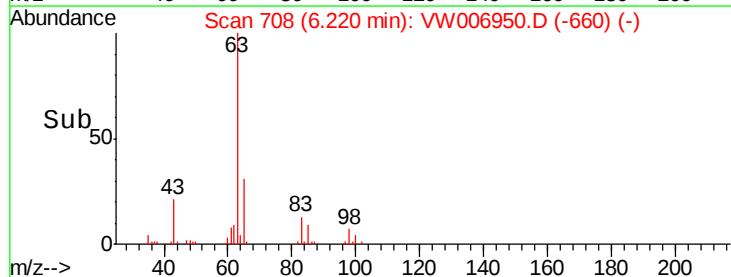
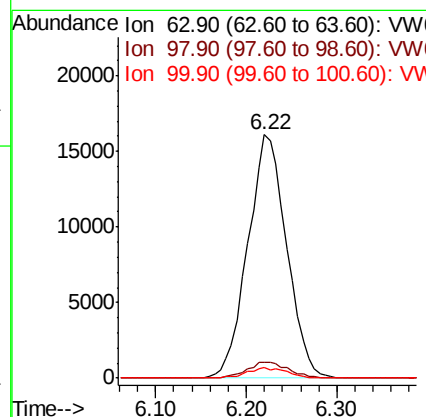
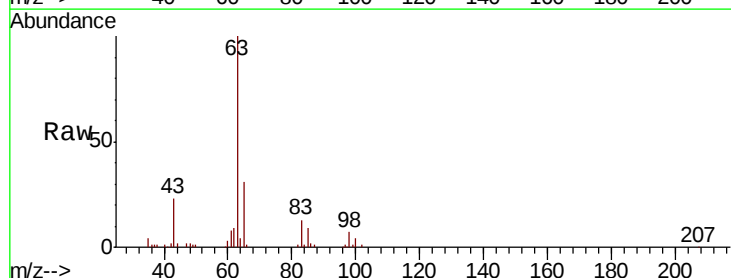
Manual Integrations
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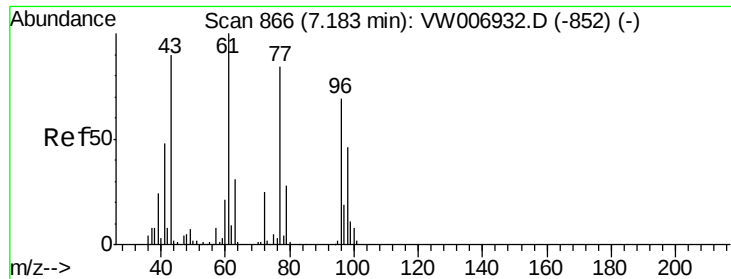
sam
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#24
 1,1-Dichloroethane
 Concen: 19.597 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion	63	Resp	47627
Ion Ratio	100	Lower	Upper
63	100		
98	6.5	3.2	9.6
100	4.4	2.1	6.5





#25

2-Butanone

Concen: 95.322 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampled :

VW1120SBS01

Tot Ion: 43 Resp: 34428

Ion Ratio Lower Upper

43 100

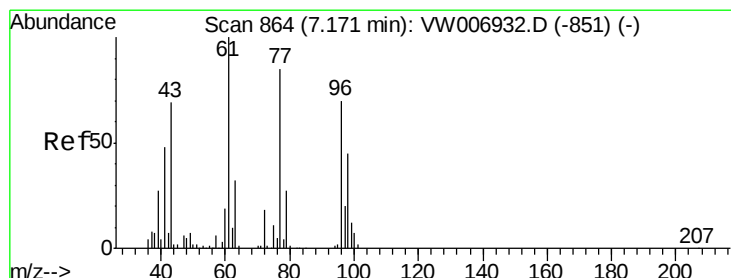
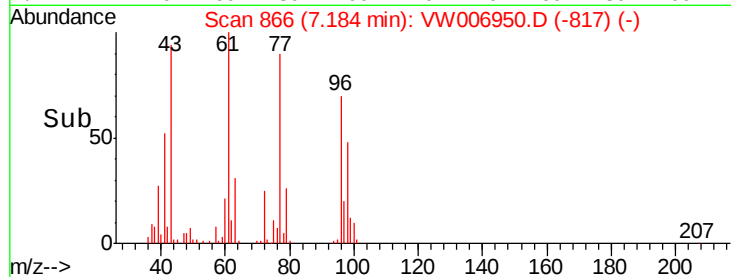
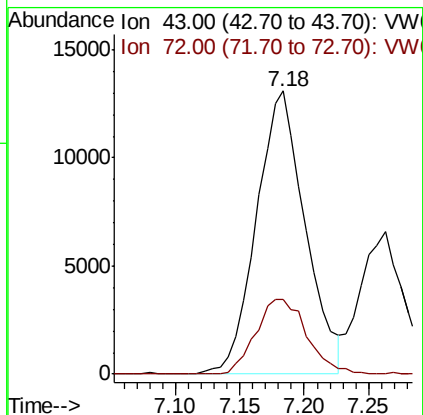
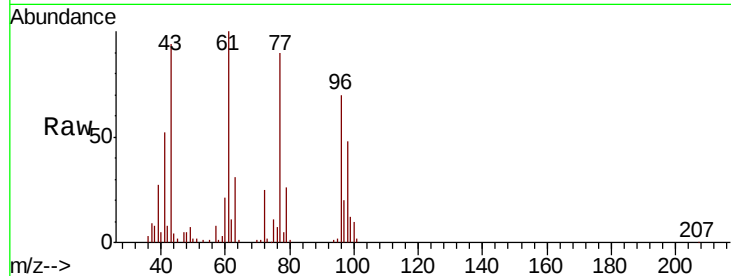
72 26.2 22.1 33.1

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 19.869 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006950.D

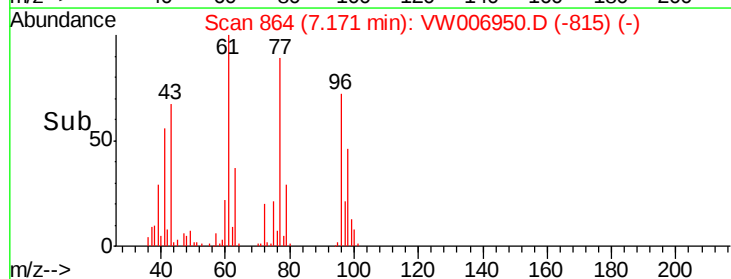
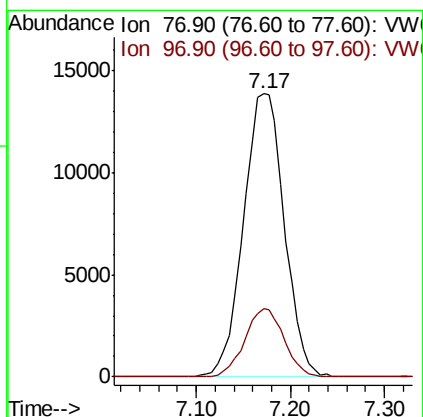
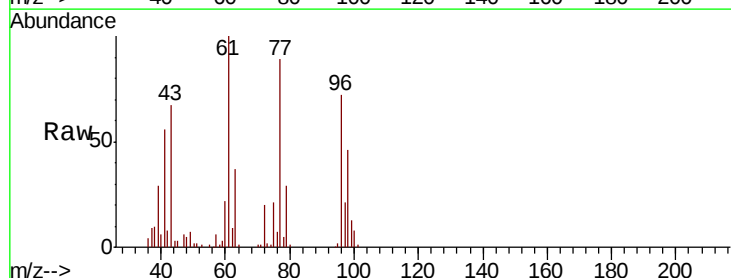
Acq: 19 Nov 2018 18:52

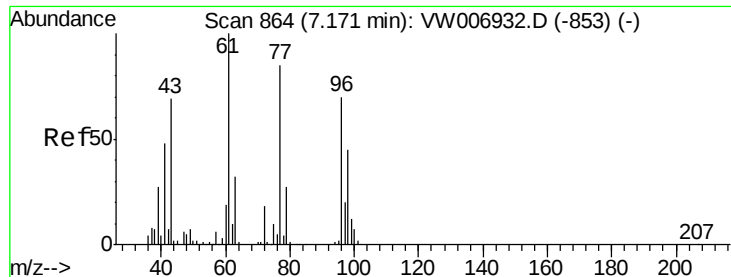
Tgt Ion: 77 Resp: 42132

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 19.485 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

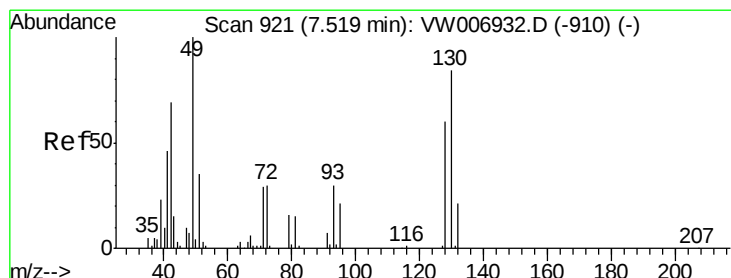
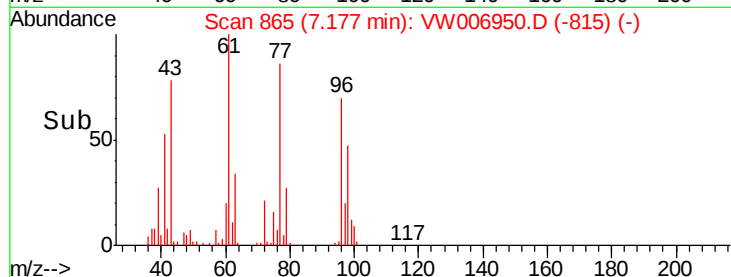
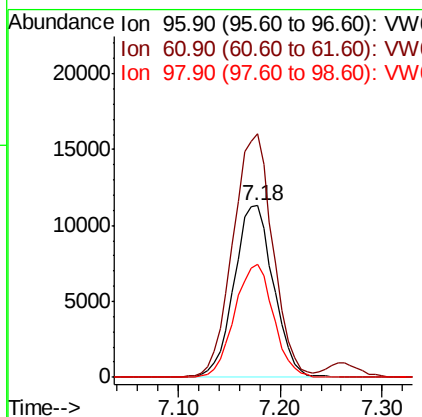
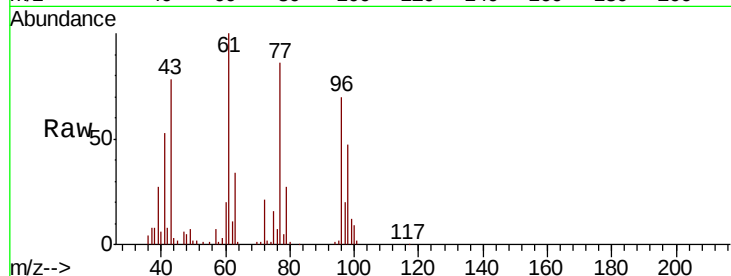
ClientSampleId :

VW1120SBS01

Tot Ion:	96	Resp:	30375
Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	293.8
98	64.7	0.0	131.0

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#28

Bromochloromethane

Concen: 20.127 ug/l

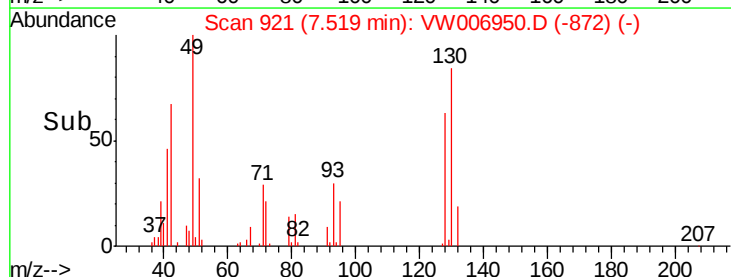
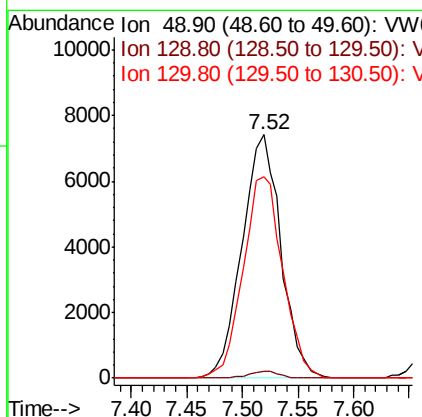
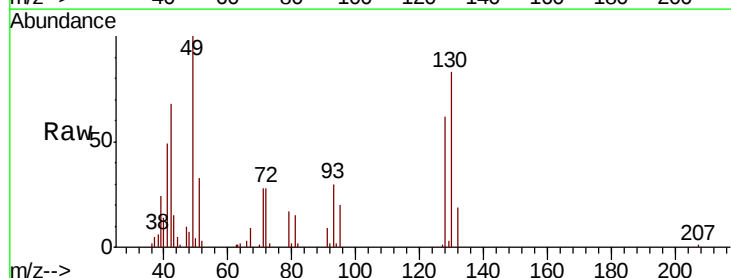
RT: 7.52 min Scan# 921

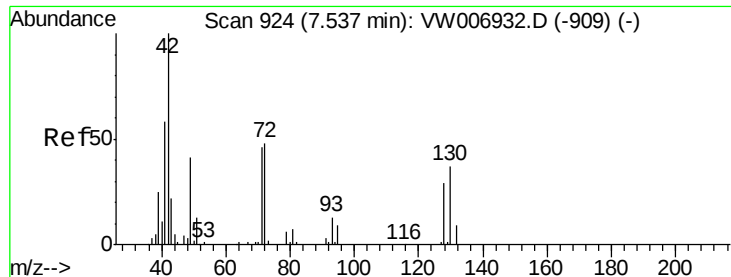
Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Tgt Ion:	49	Resp:	17965
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	1.6#
130	84.6	66.1	99.1





#29

Tetrahydrofuran

Concen: 96.925 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

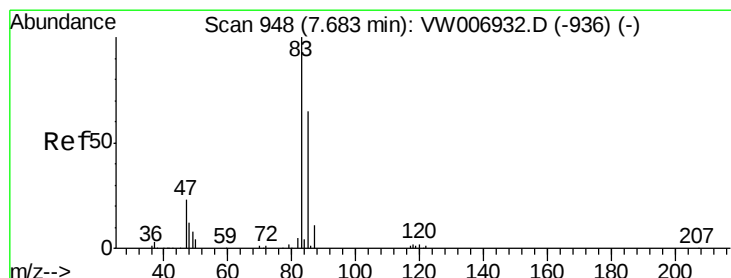
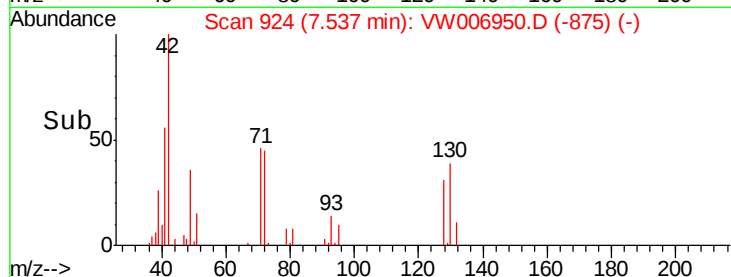
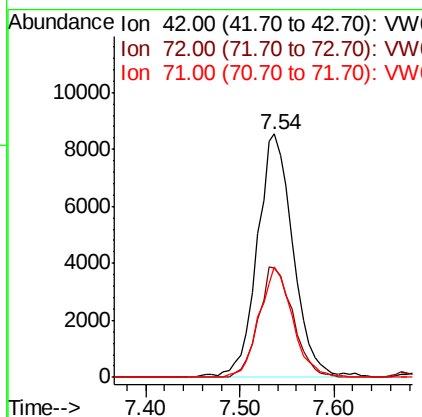
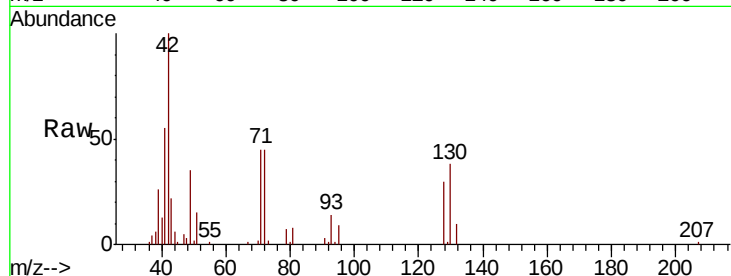
ClientSampleId :

VW1120SBS01

Tot Ion:	42	Resp:	22766
Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.7	53.5
71	42.3	33.7	50.5

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#30

Chloroform

Concen: 19.364 ug/l

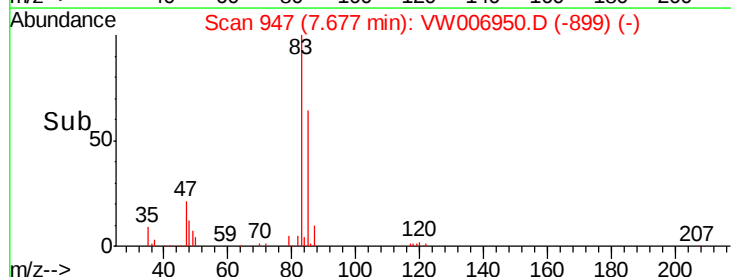
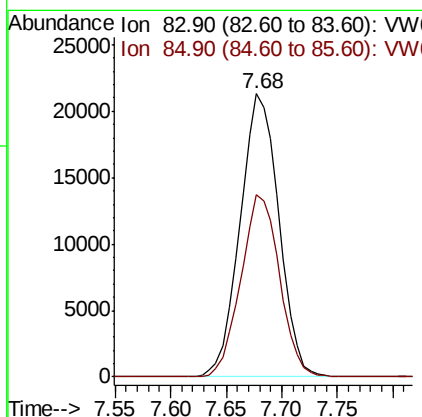
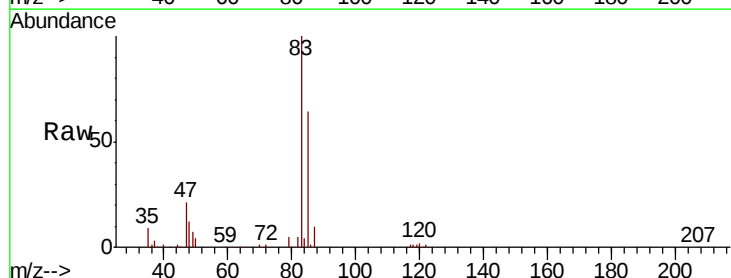
RT: 7.68 min Scan# 947

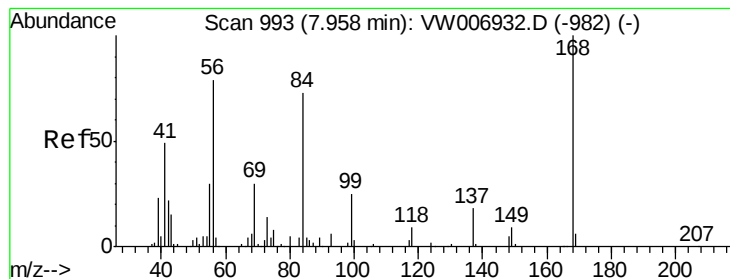
Delta R.T. -0.01 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Tgt Ion:	83	Resp:	51592
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.4





#31

Cyclohexane

Concen: 21.349 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 56 Resp: 51978

Ion Ratio Lower Upper

56 100

69 39.5 30.2 45.2

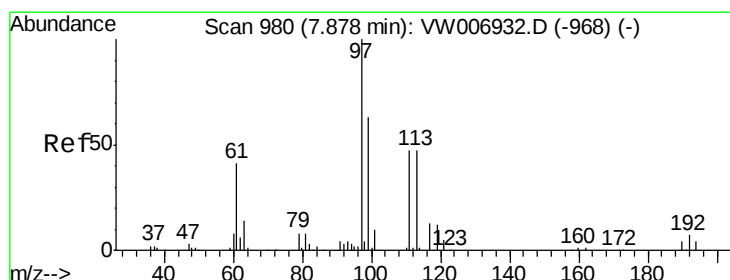
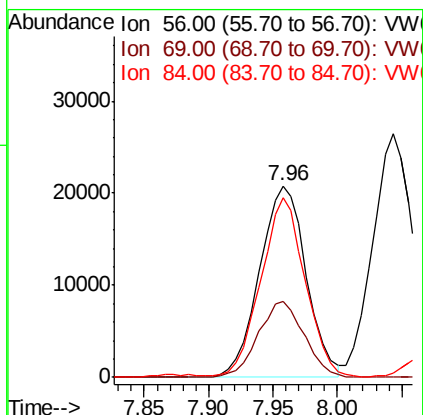
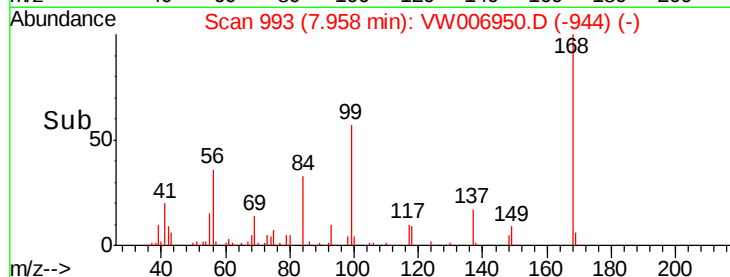
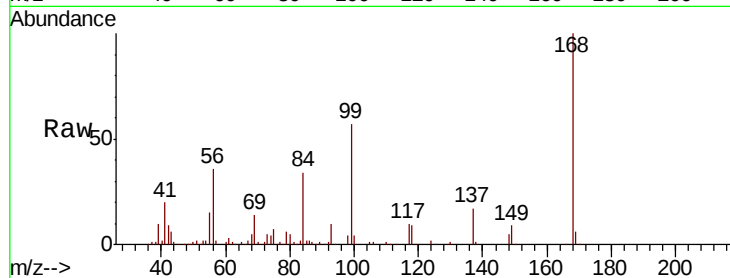
84 92.3 73.6 110.4

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 20.898 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

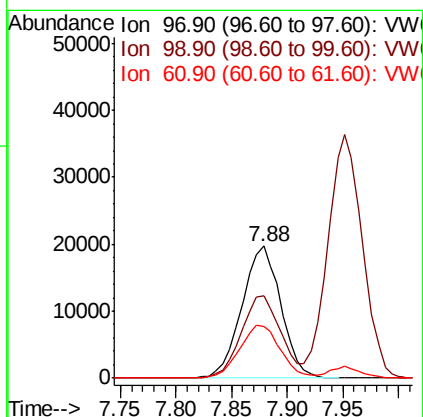
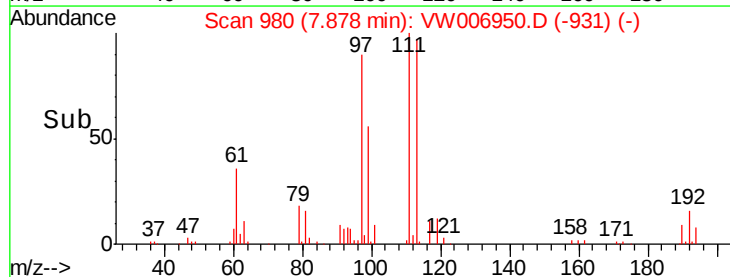
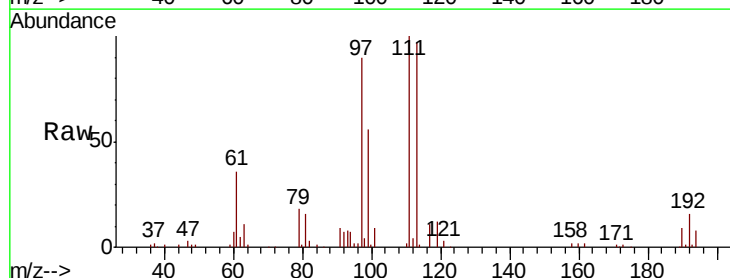
Tgt Ion: 97 Resp: 47934

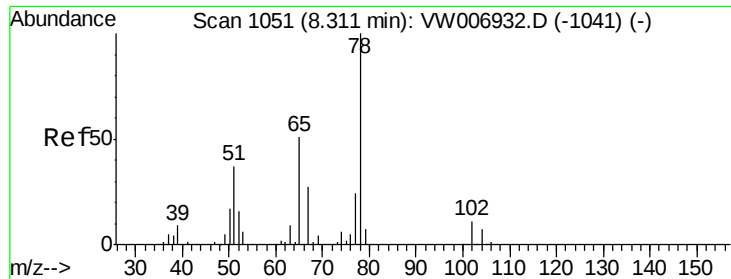
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.6

61 42.0 34.2 51.2





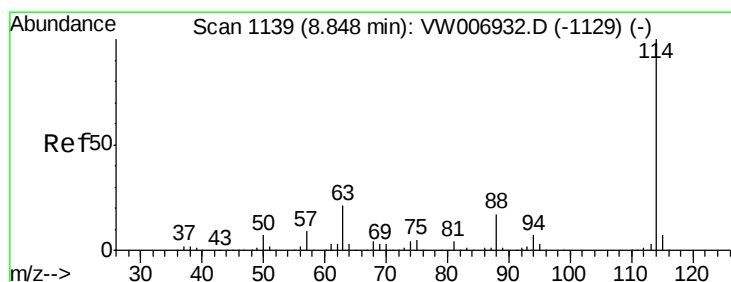
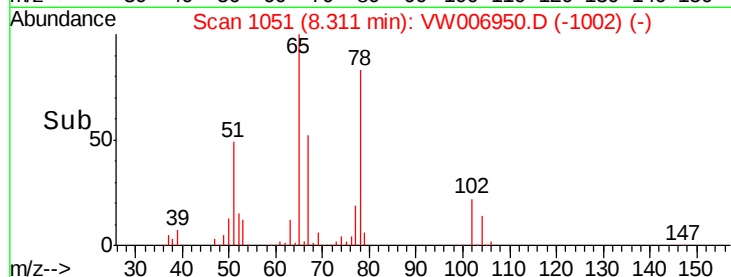
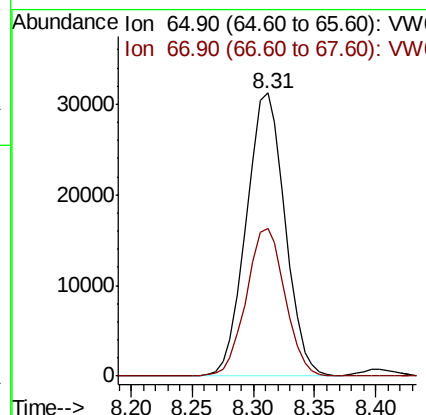
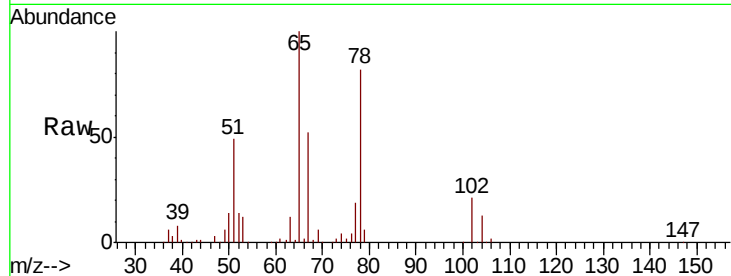
#33
 1,2-Dichloroethane-d4
 Concen: 48.526 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.0

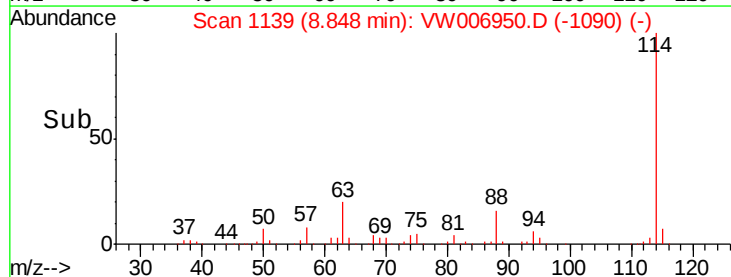
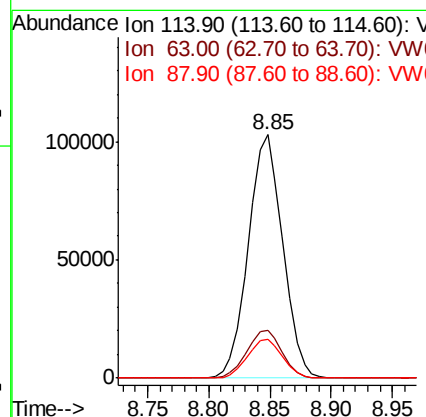
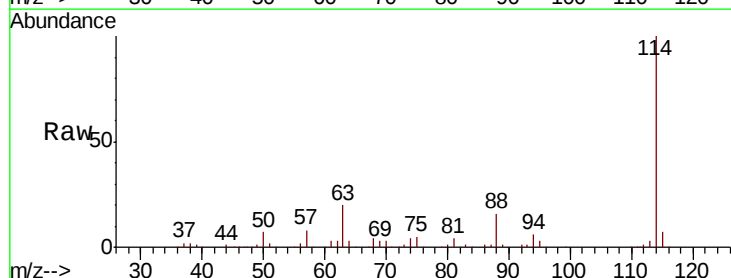
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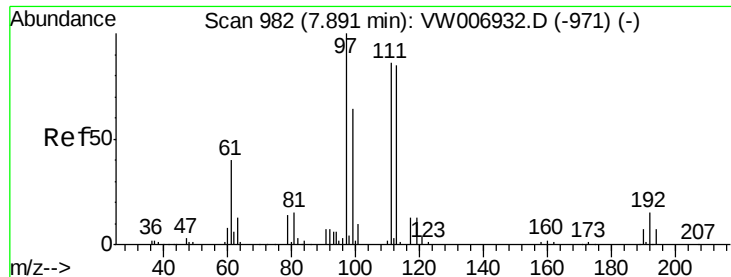
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.2
88	16.1	0.0	33.4





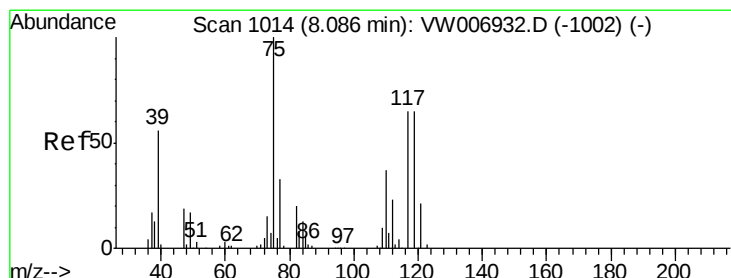
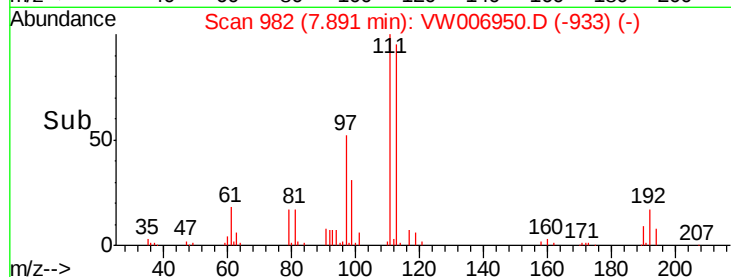
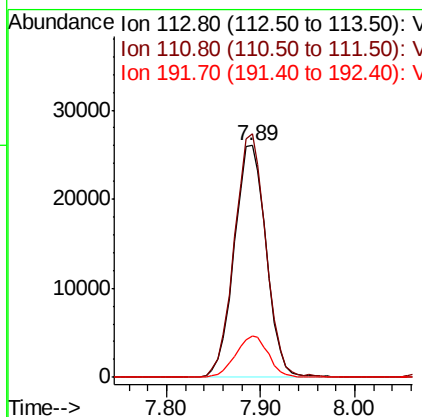
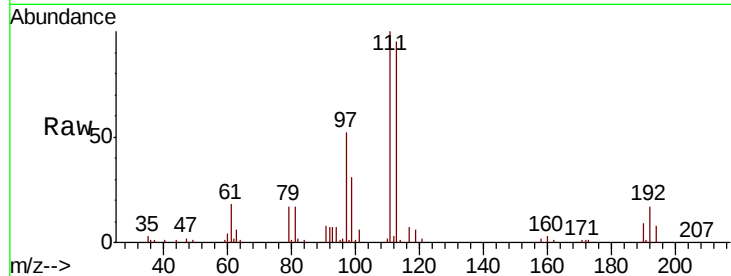
#35
 Dibromofluoromethane
 Concen: 52.226 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.7	122.5
192	17.9	13.9	20.9

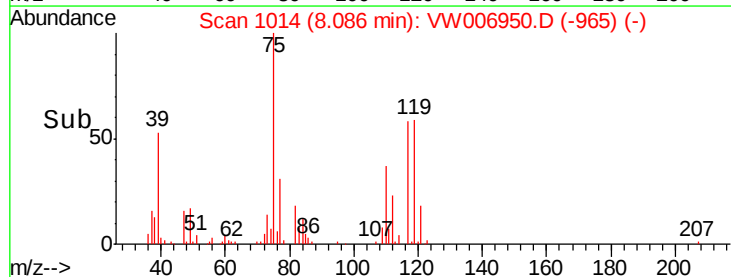
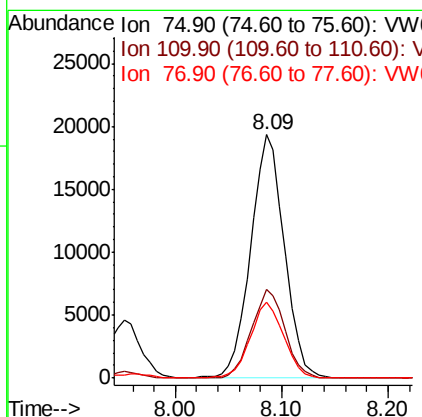
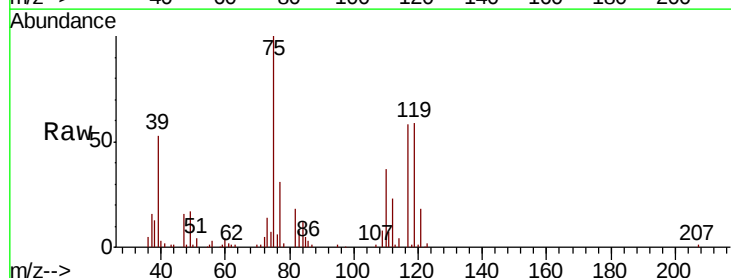
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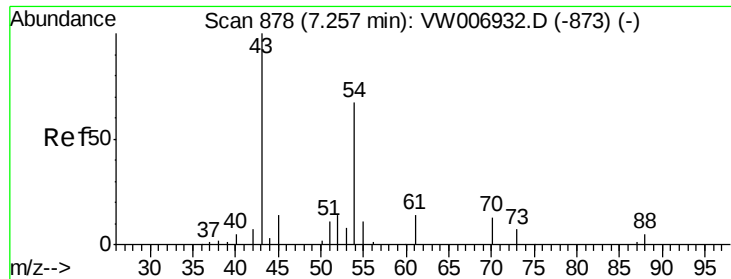
sam
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#36
 1,1-Dichloropropene
 Concen: 22.309 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.1
77	31.1	25.4	38.0





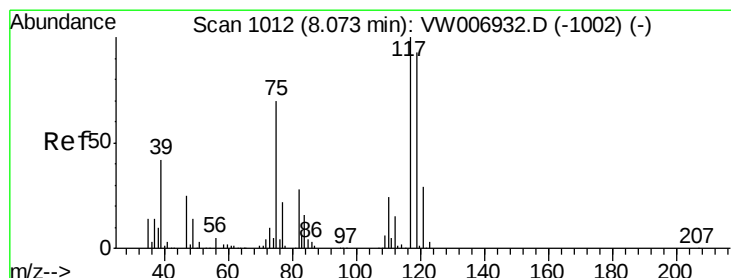
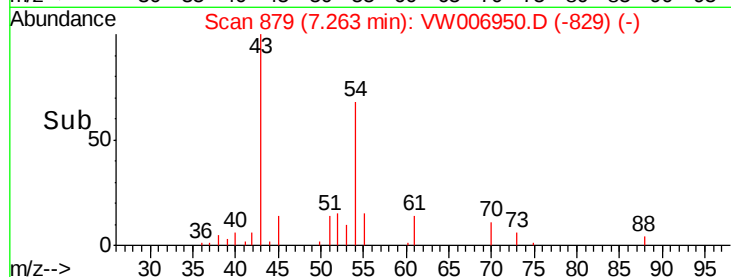
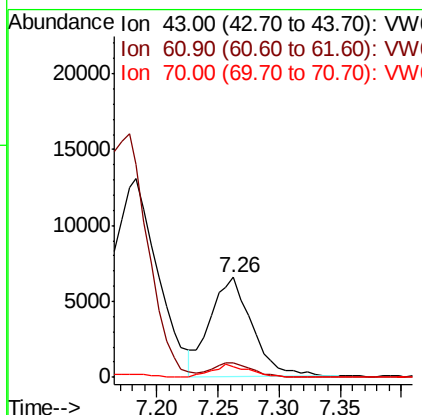
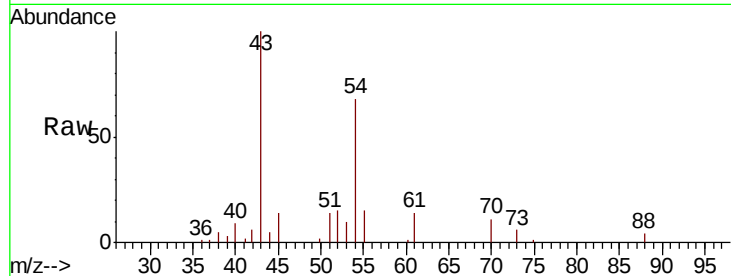
#37
Ethyl Acetate
Concen: 19.178 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.6
70	11.2	8.8	13.2

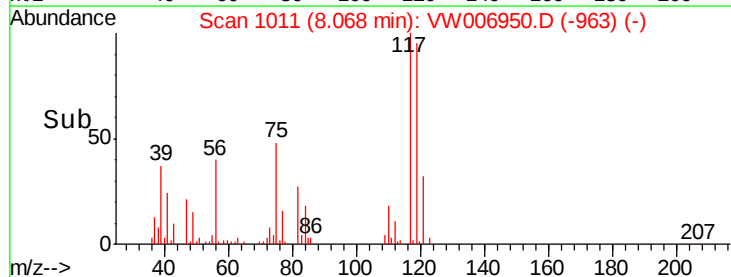
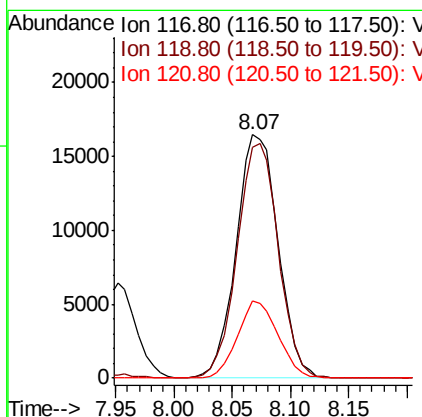
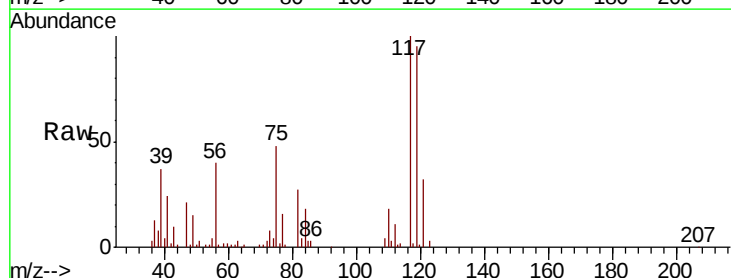
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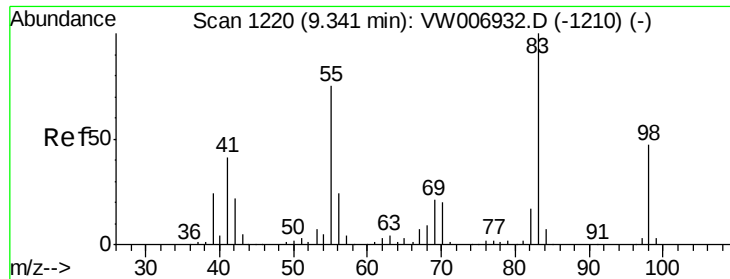
sam
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#38
Carbon Tetrachloride
Concen: 21.899 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	74.2	111.4
121	31.7	23.5	35.3





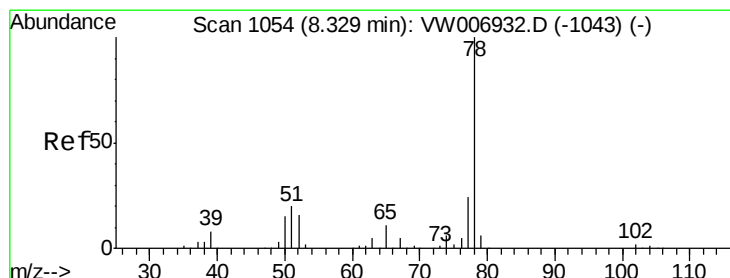
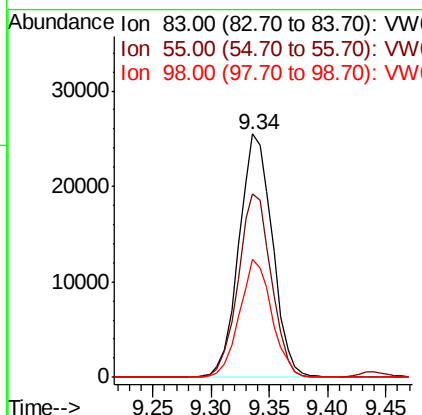
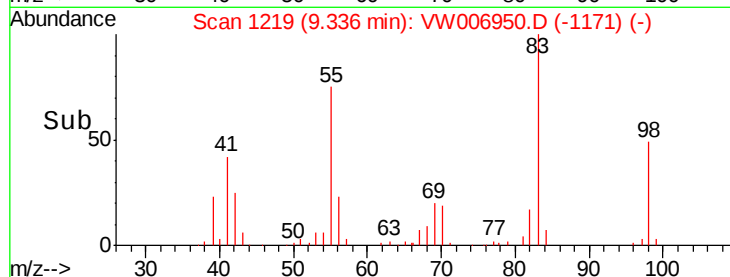
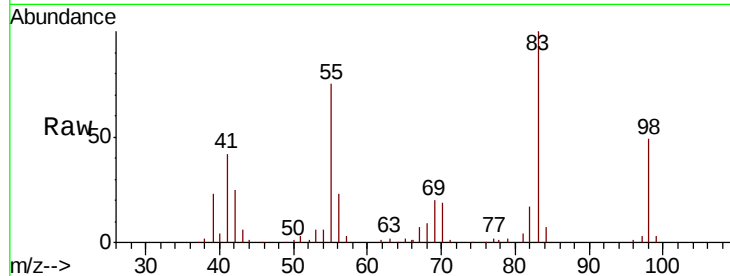
#39
Methvlcvclohexane
Concen: 21.416 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	60.2	90.4
98	48.6	37.3	55.9

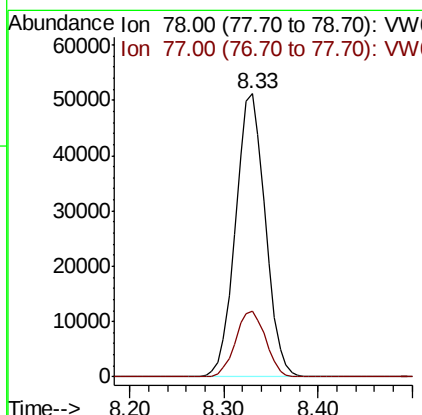
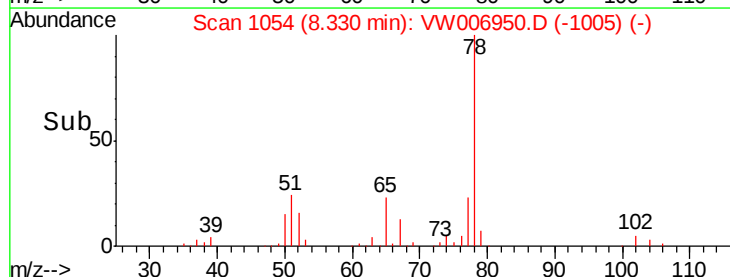
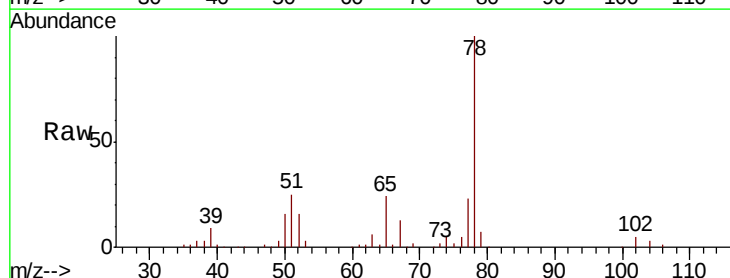
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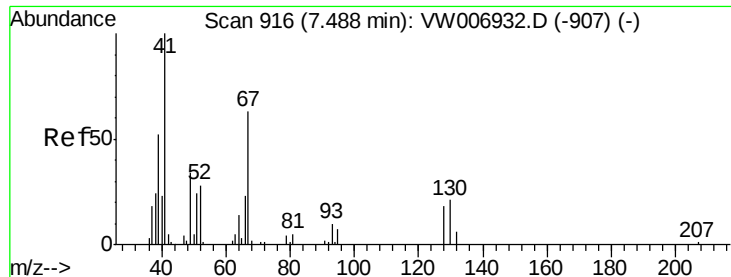
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#40
Benzene
Concen: 20.784 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9





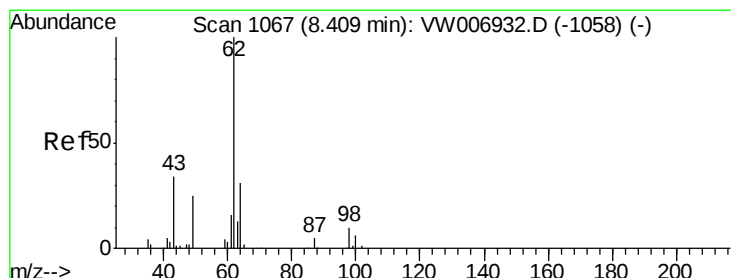
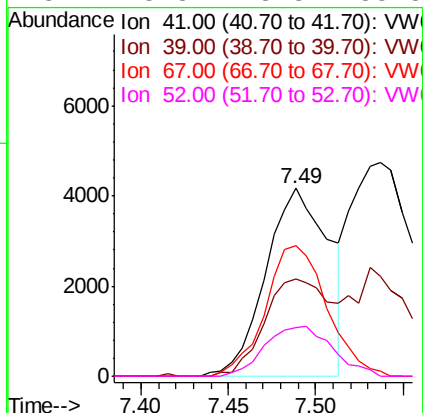
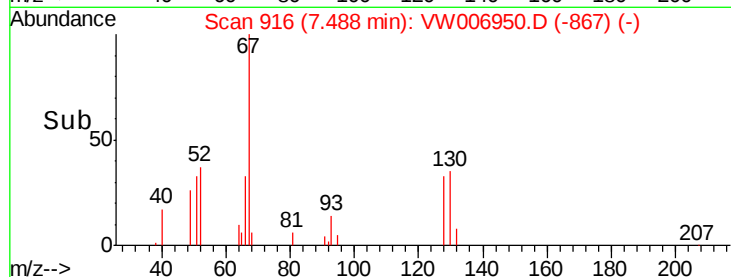
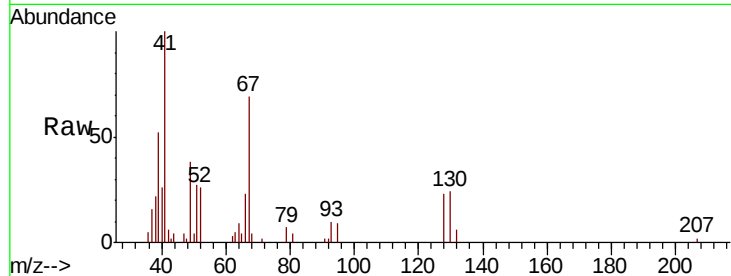
#41
Methacrylonitrile
Concen: 20.948 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		10463		
39	54.8	41.8	62.6		
67	68.2	54.7	82.1		
52	28.3	23.8	35.8		

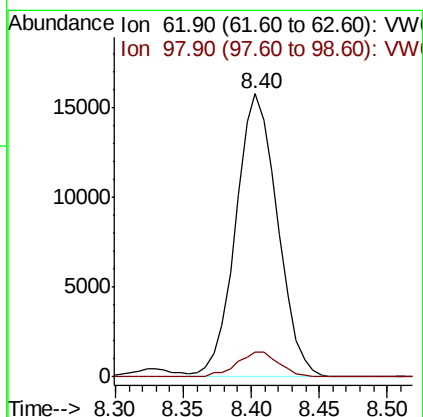
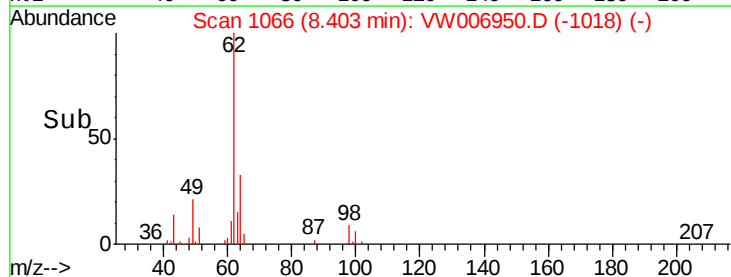
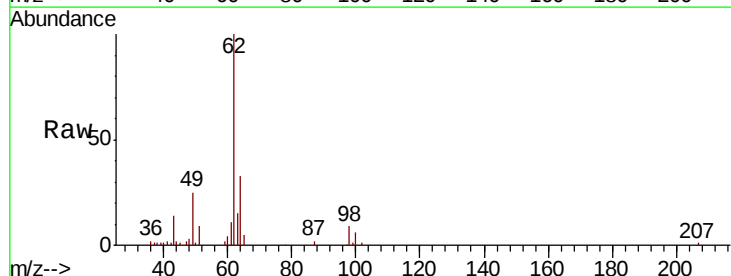
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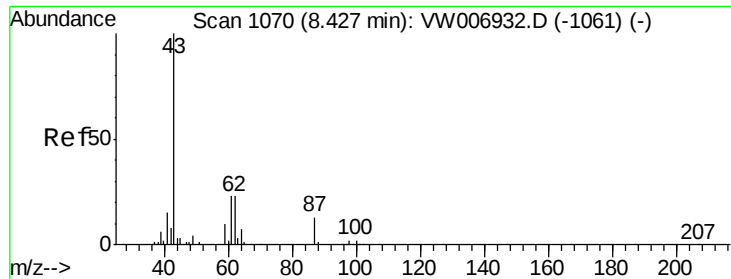
sam
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#42
1,2-Dichloroethane
Concen: 20.836 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		33811		
98	8.8	0.0	18.2		





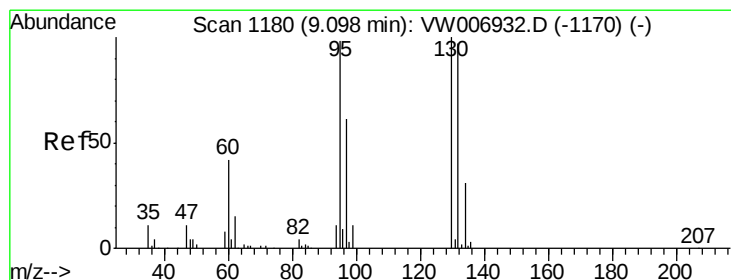
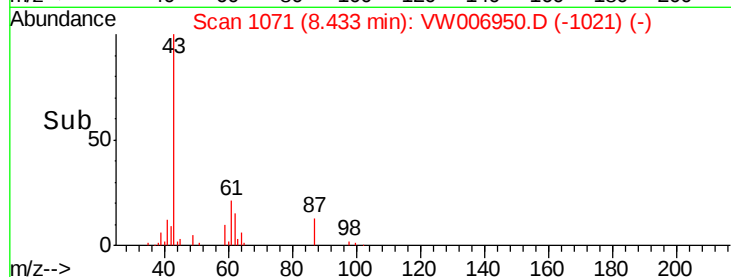
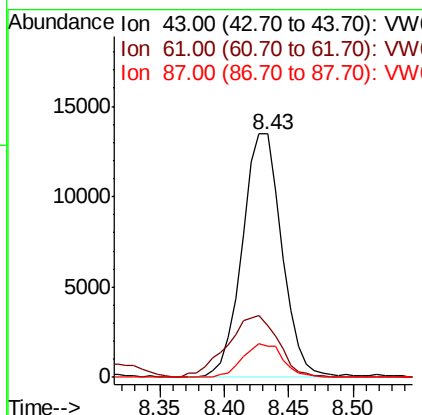
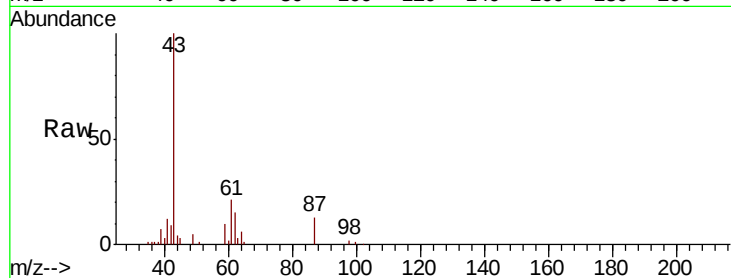
#43
Isopropyl Acetate
Concen: 18.364 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.6	24.6	37.0
87	14.2	11.0	16.6

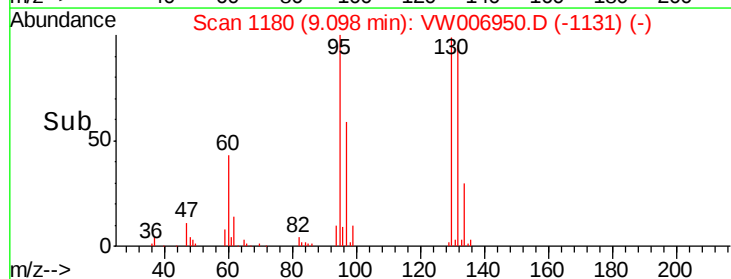
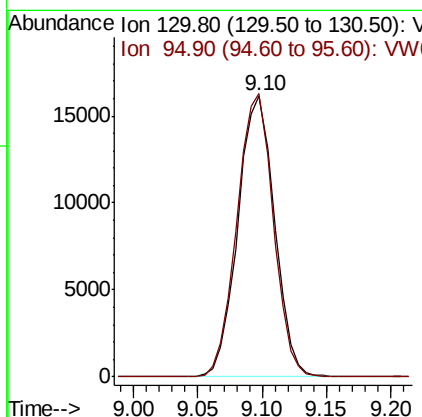
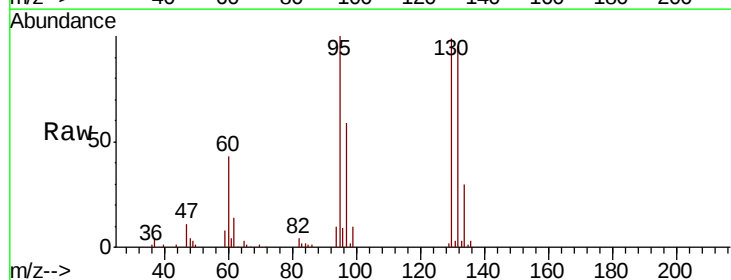
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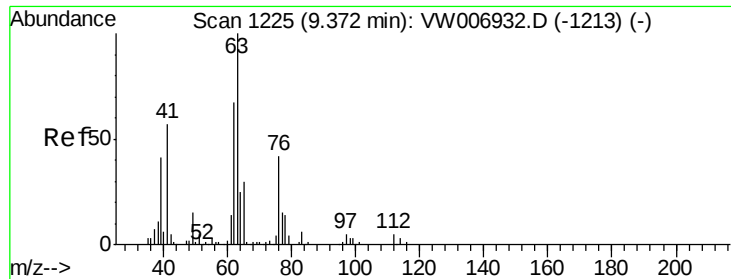
sam
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#44
Trichloroethene
Concen: 21.815 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	196.4





#45

1,2-Dichloropropane

Concen: 20.881 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 63 Resp: 28590

Ion Ratio Lower Upper

63 100

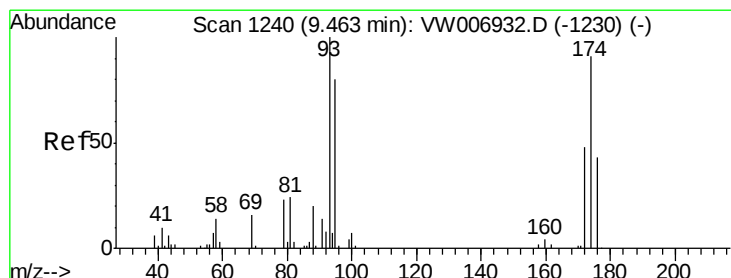
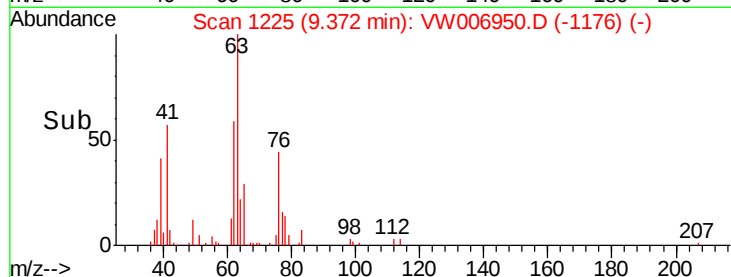
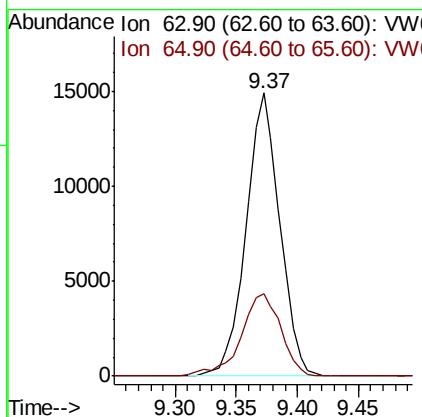
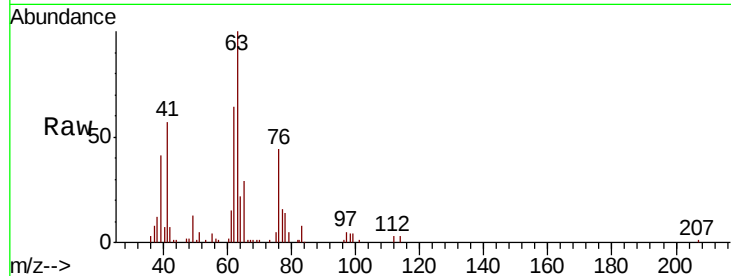
65 29.3 23.9 35.9

Manual Integrations

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#46

Dibromomethane

Concen: 21.235 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

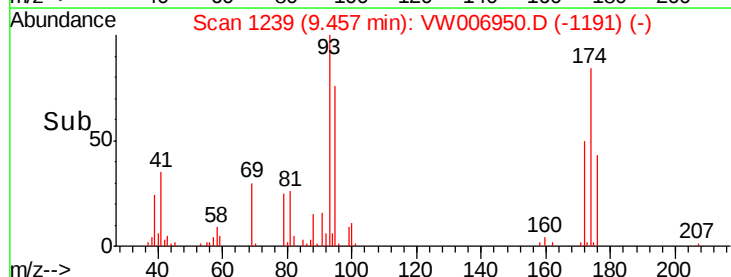
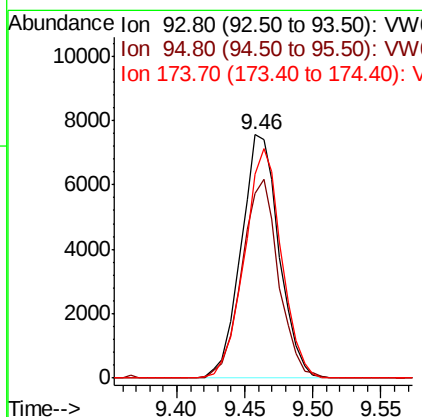
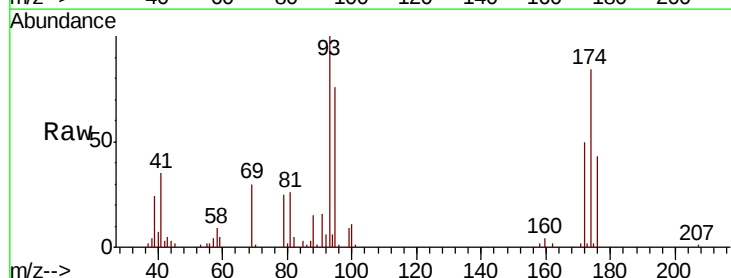
Tgt Ion: 93 Resp: 14724

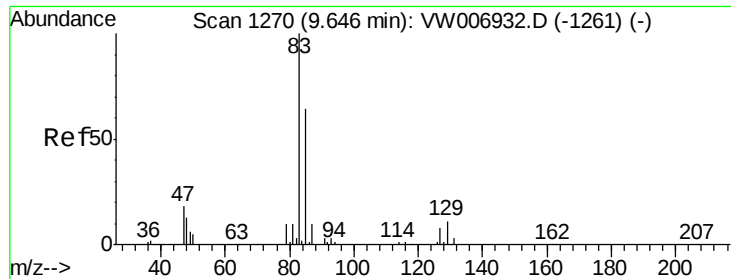
Ion Ratio Lower Upper

93 100

95 79.0 65.7 98.5

174 92.5 75.0 112.4





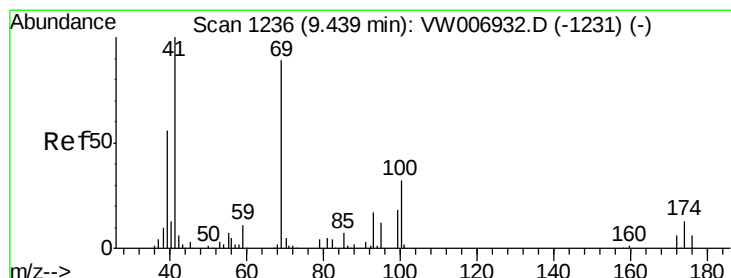
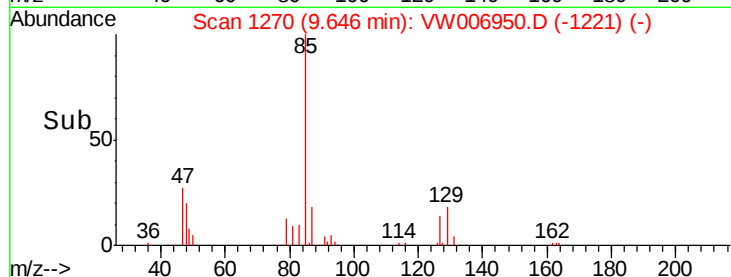
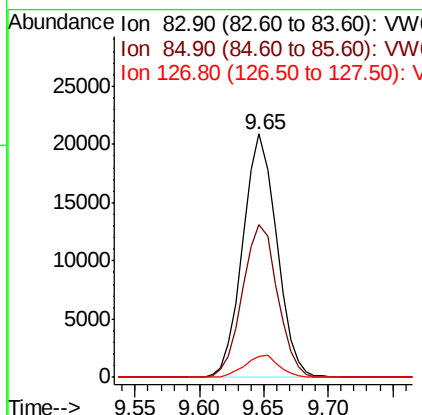
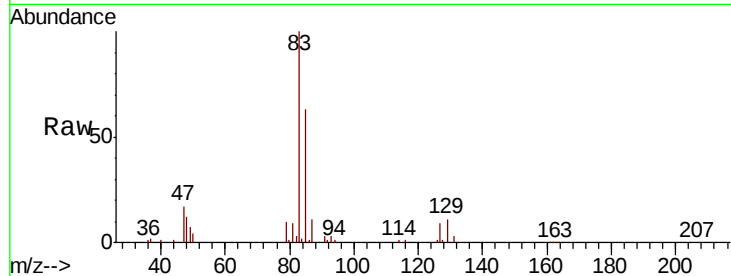
#47
Bromodichloromethane
Concen: 20.910 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	62.6	50.8	76.2	
127	8.5	6.6	10.0	

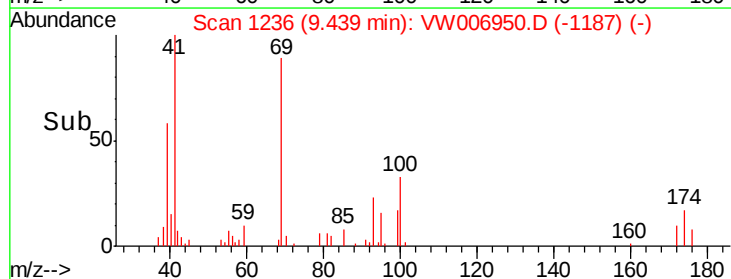
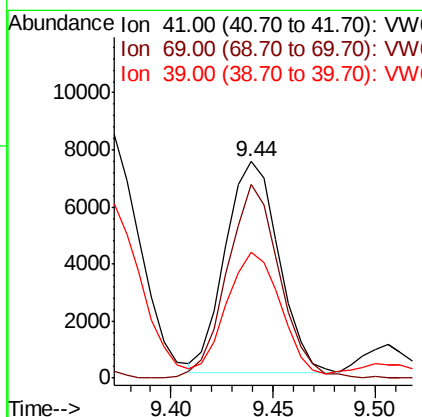
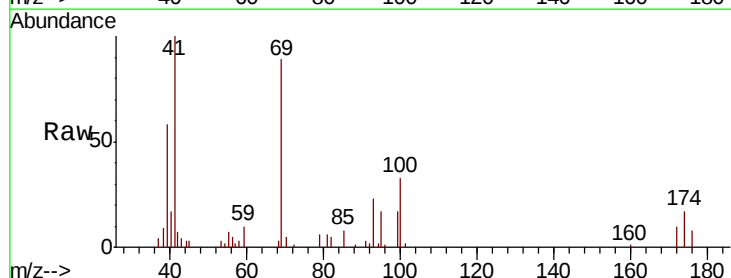
Manual Integrations
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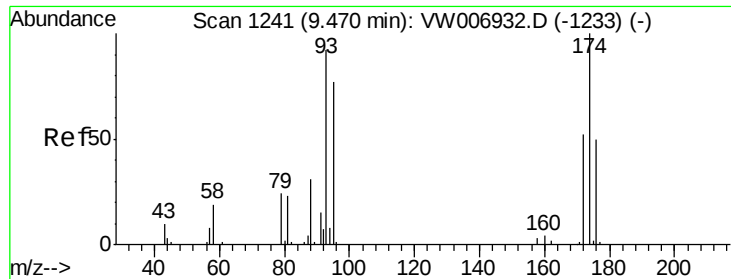
sam
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#48
Methyl methacrylate
Concen: 17.692 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	90.5	73.4	110.0	
39	57.2	46.1	69.1	





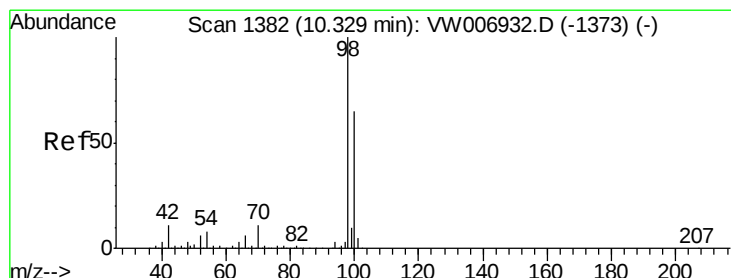
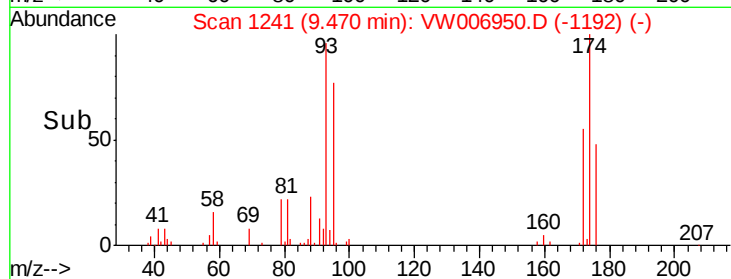
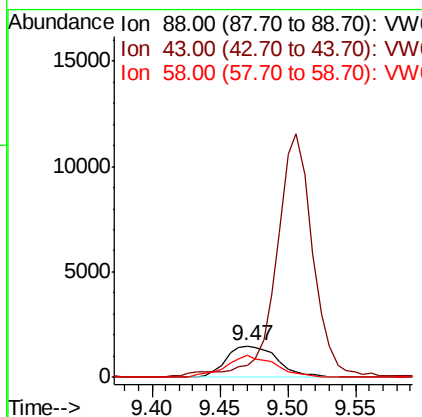
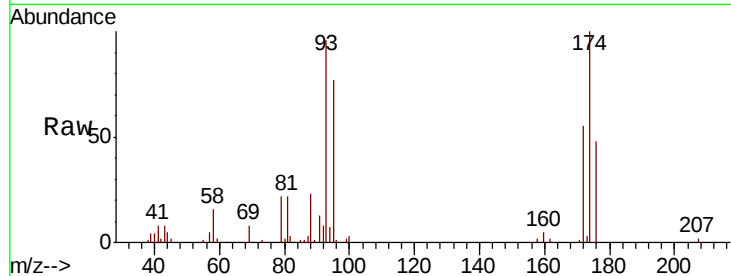
#49
1,4-Dioxane
Concen: 370.214 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	88	Resp	3890
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	67.7	57.4	86.2

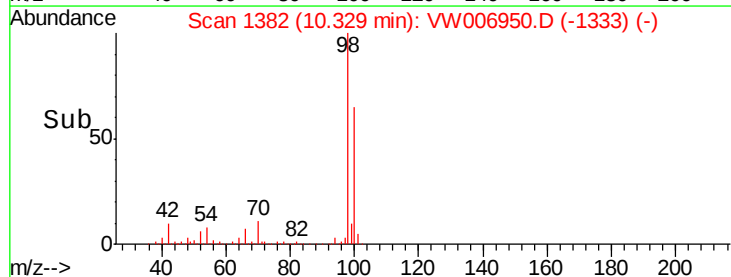
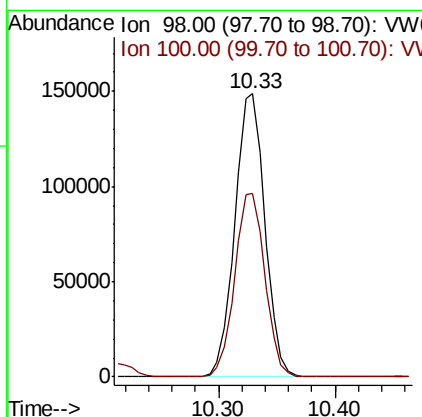
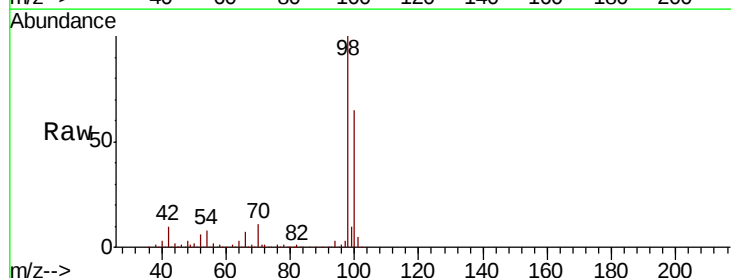
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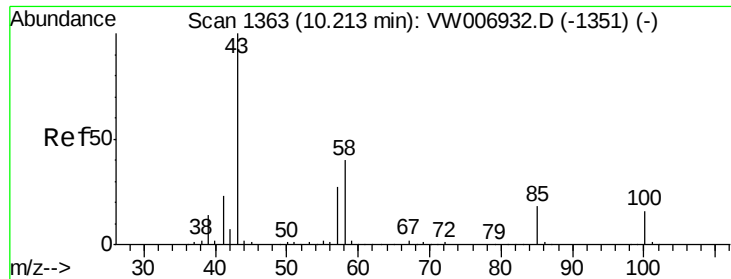
sam
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#50
Toluene-d8
Concen: 52.690 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion	98	Resp	266917
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 96.943 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 43 Resp: 74760

Ion Ratio Lower Upper

43 100

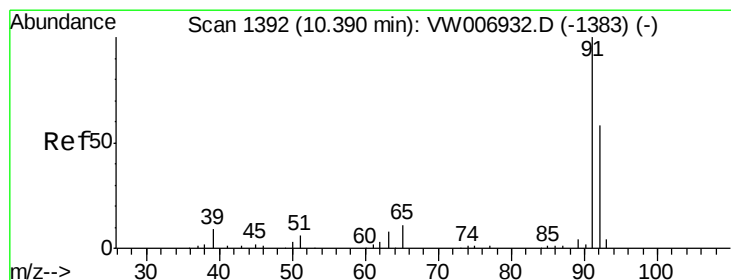
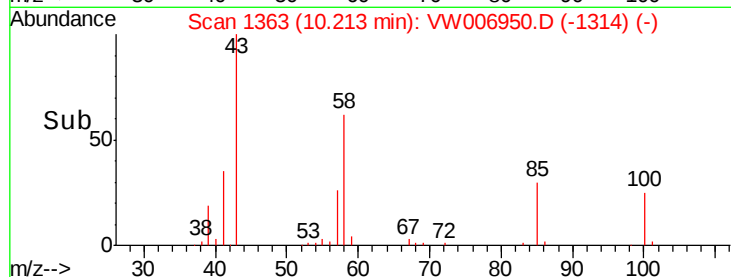
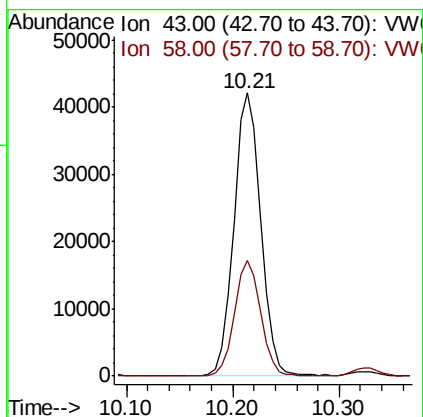
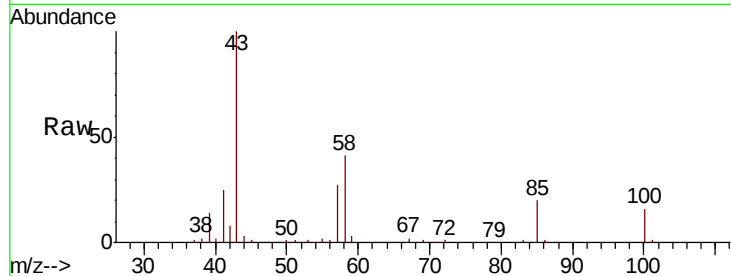
58 39.7 31.0 46.4

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#52

Toluene

Concen: 20.777 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006950.D

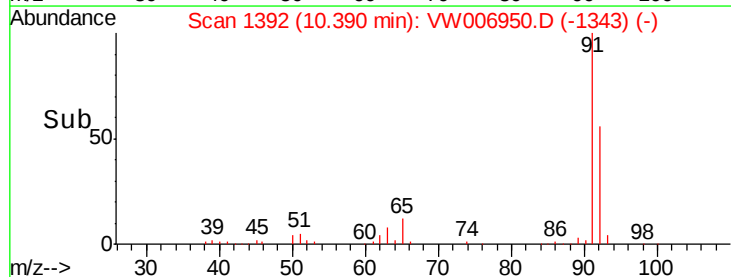
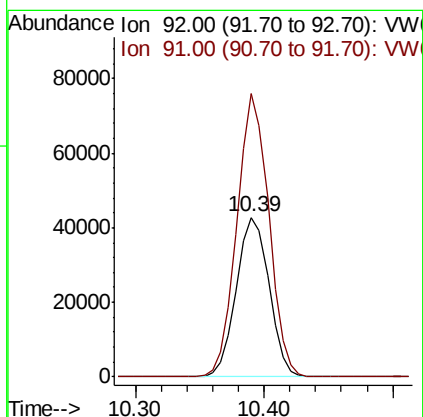
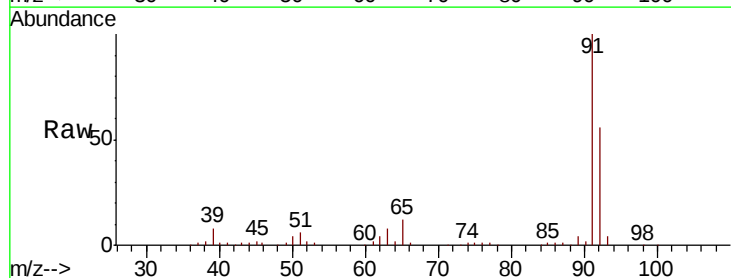
Acq: 19 Nov 2018 18:52

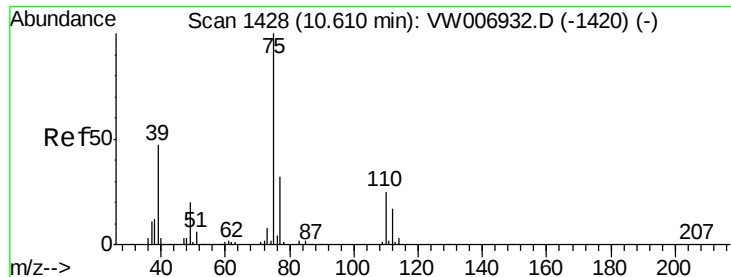
Tgt Ion: 92 Resp: 75344

Ion Ratio Lower Upper

92 100

91 173.1 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 20.120 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 75 Resp: 35902

Ion Ratio Lower Upper

75 100

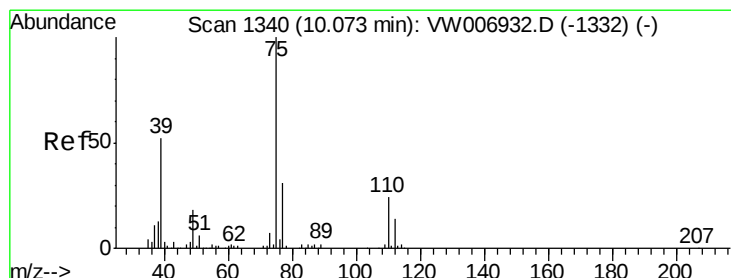
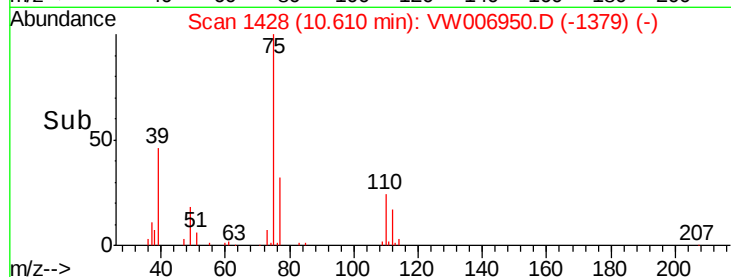
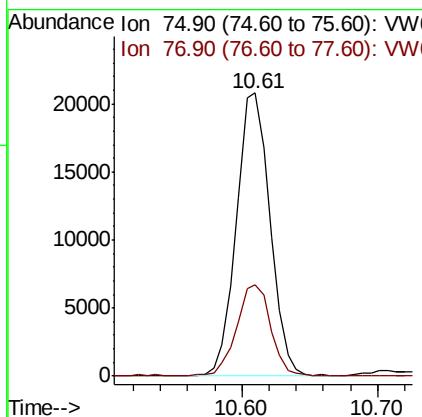
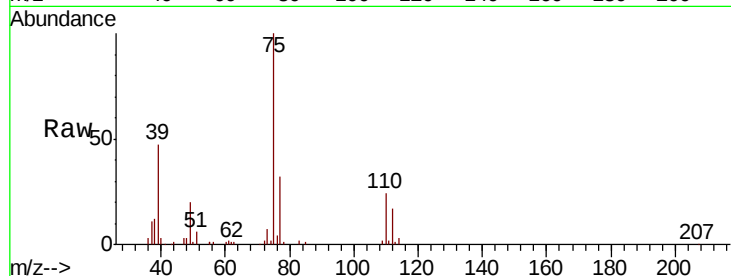
77 32.3 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.219 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

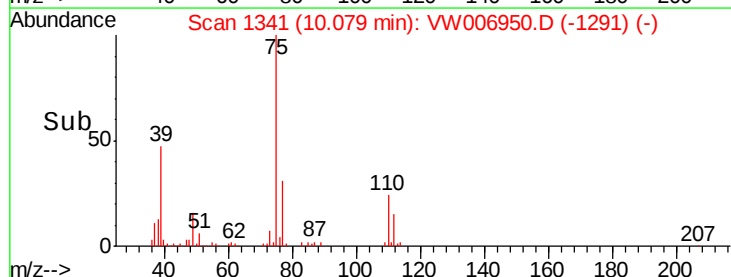
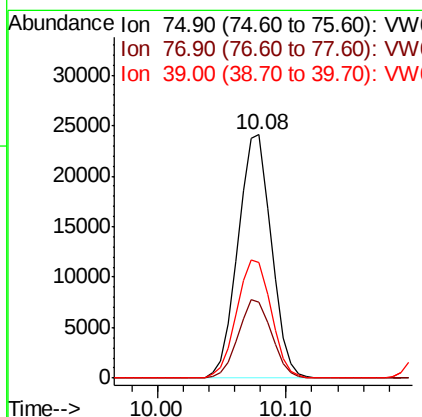
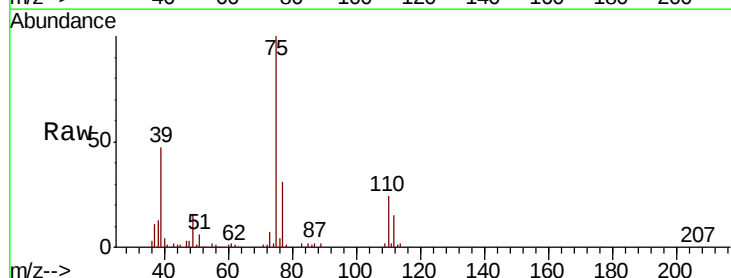
Tgt Ion: 75 Resp: 43174

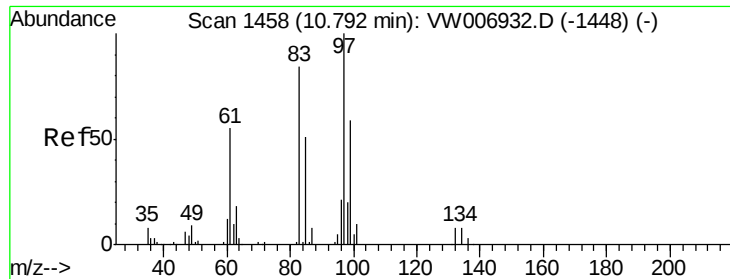
Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 47.4 41.4 62.2





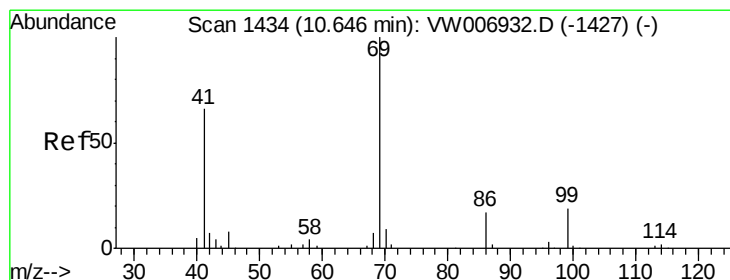
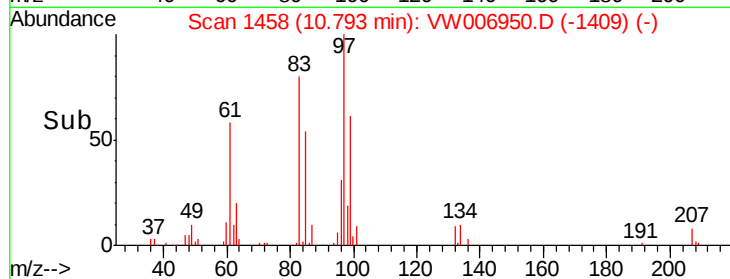
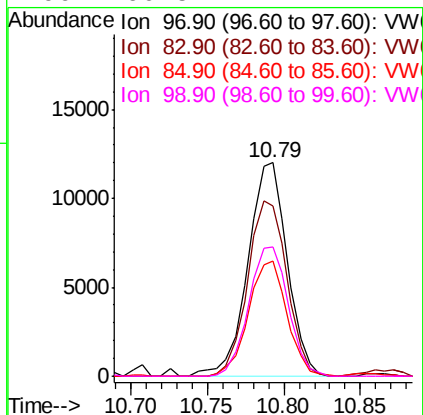
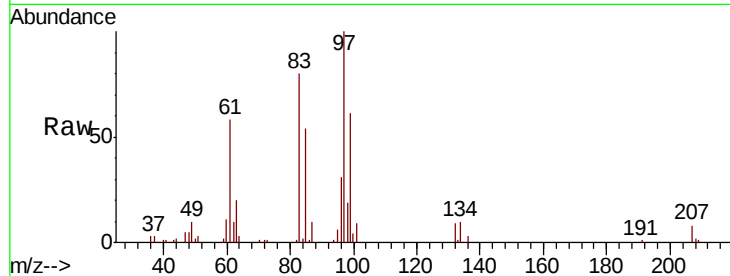
#55
 1,1,2-Trichloroethane
 Concen: 21.078 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion:	97	Resp:	21550
Ion	Ratio	Lower	Upper
97	100		
83	79.9	67.5	101.3
85	53.9	41.0	61.6
99	60.5	47.4	71.2

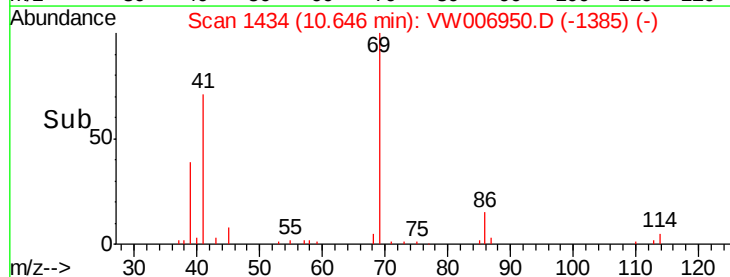
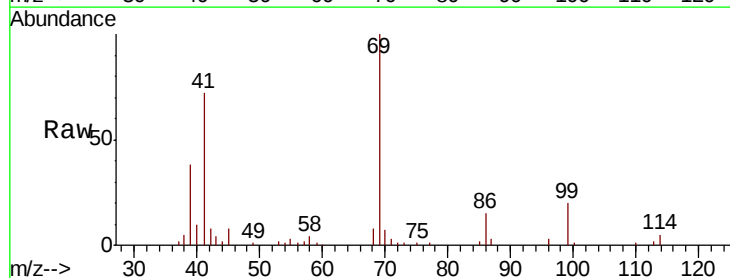
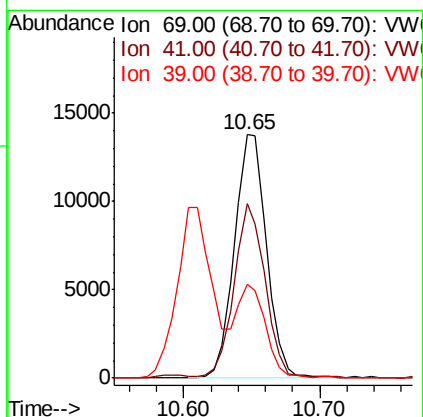
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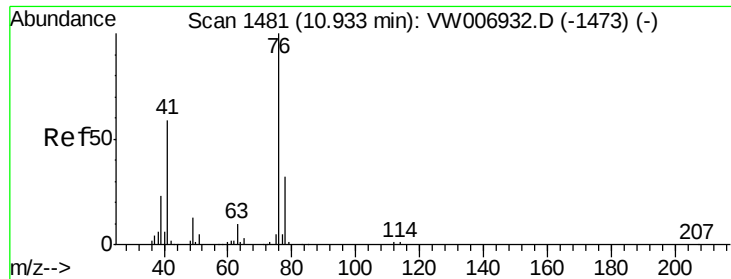
sam
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#56
 Ethyl methacrylate
 Concen: 17.790 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion:	69	Resp:	22613
Ion	Ratio	Lower	Upper
69	100		
41	69.9	53.8	80.6
39	32.5	29.0	43.6





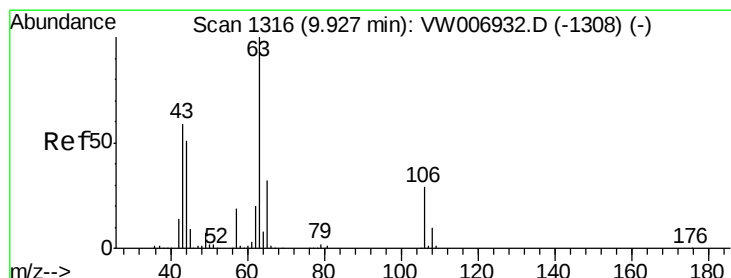
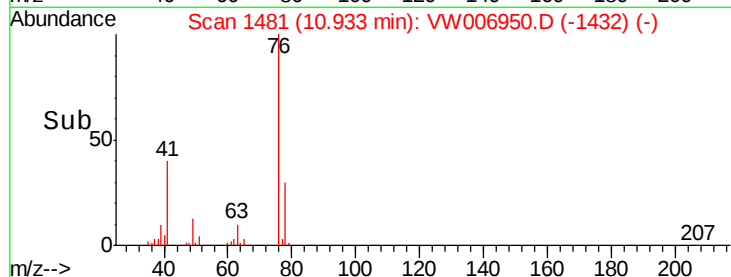
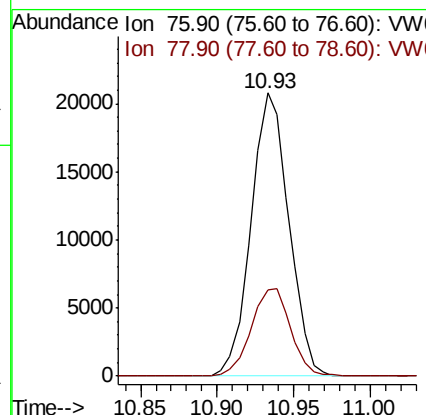
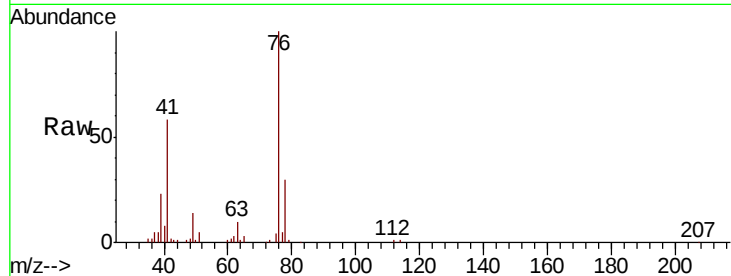
#57
 1,3-Dichloropropane
 Concen: 20.457 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion: 76 Resp: 35585
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0

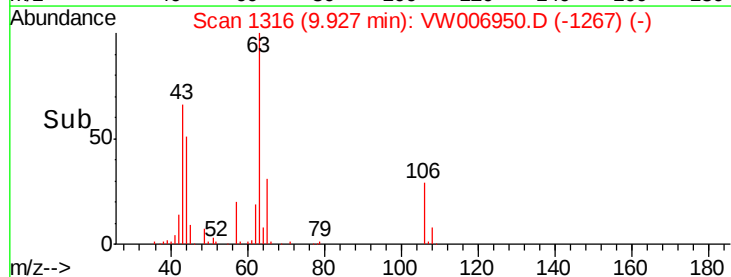
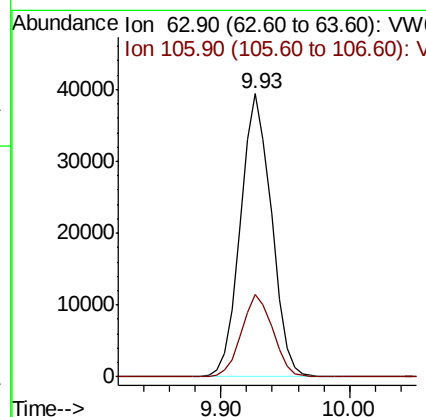
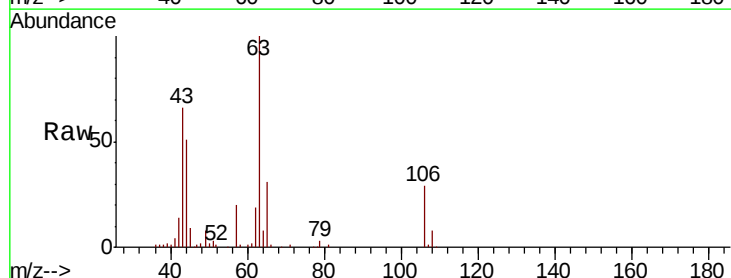
Manual Integrations
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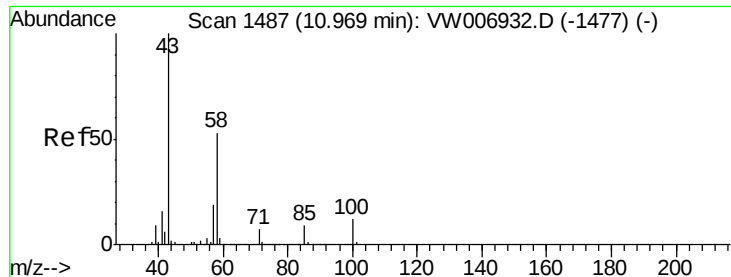
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 105.176 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion: 63 Resp: 65726
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.6 33.8





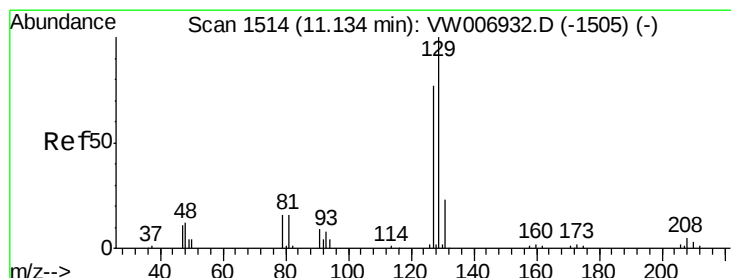
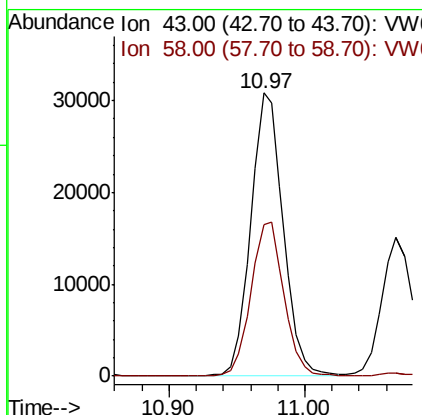
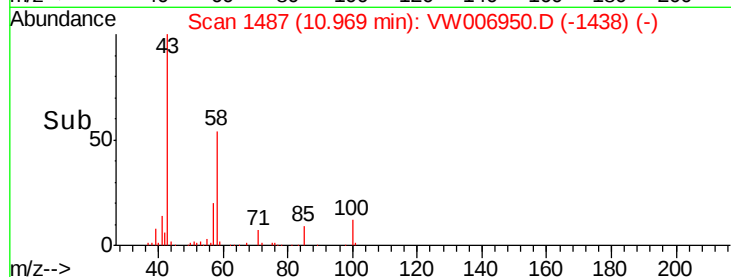
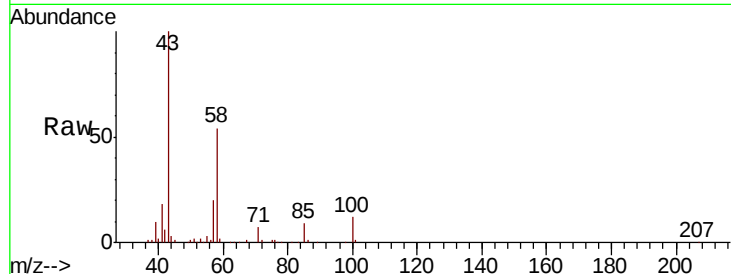
#59
2-Hexanone
Concen: 99.891 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion: 43 Resp: 51556
Ion Ratio Lower Upper
43 100
58 55.2 26.8 80.4

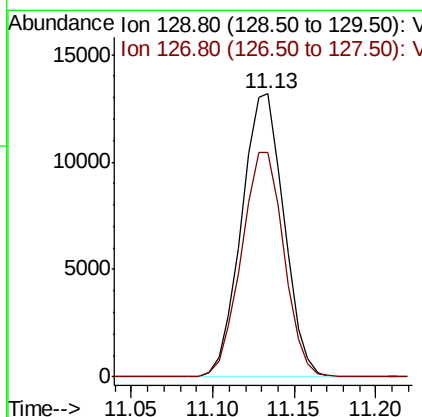
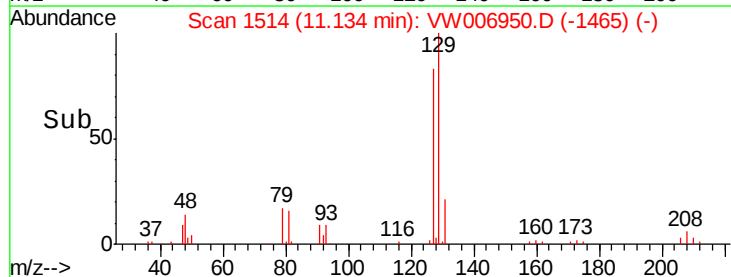
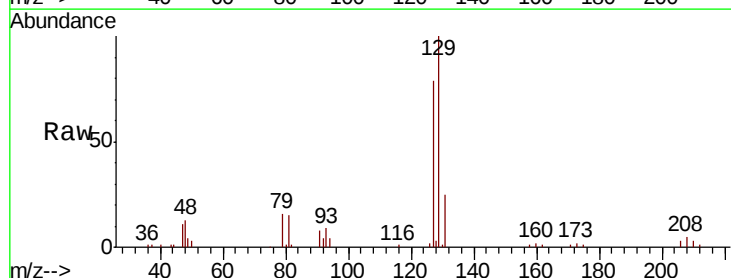
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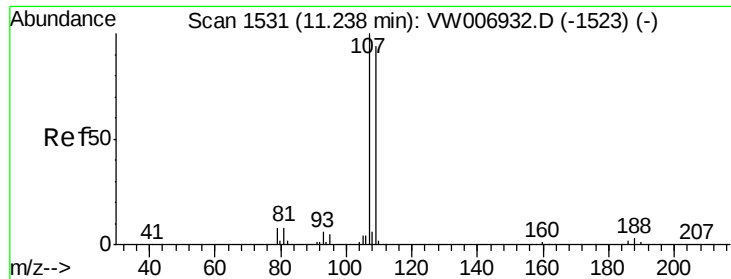
sam
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#60
Dibromochloromethane
Concen: 20.494 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion: 129 Resp: 23894
Ion Ratio Lower Upper
129 100
127 79.6 38.1 114.3





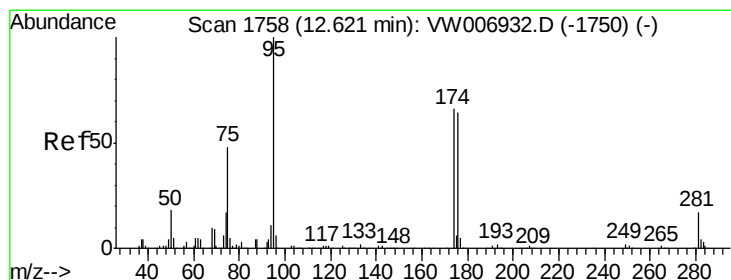
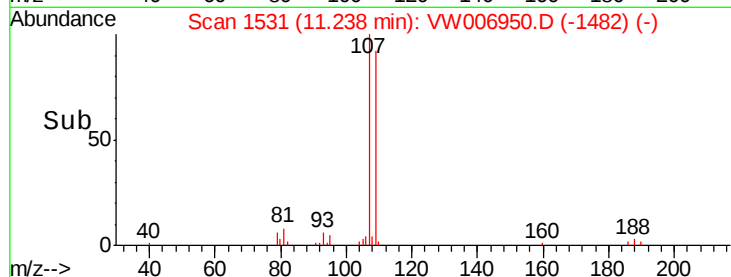
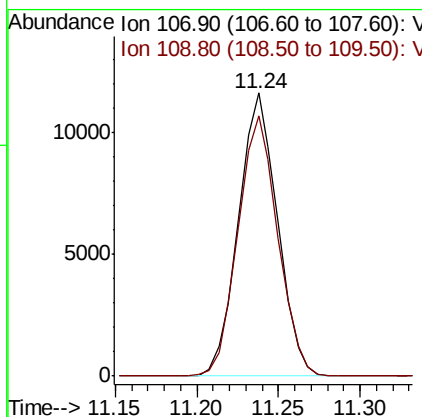
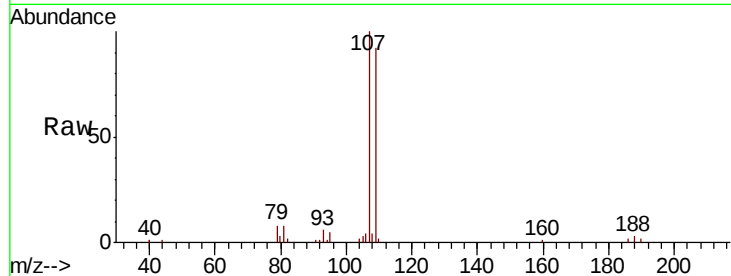
#61
 1,2-Dibromoethane
 Concen: 20.342 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.5	113.3

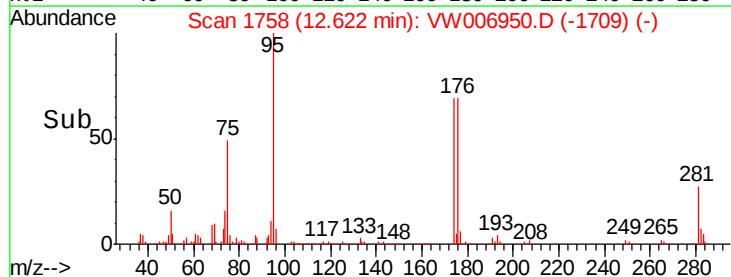
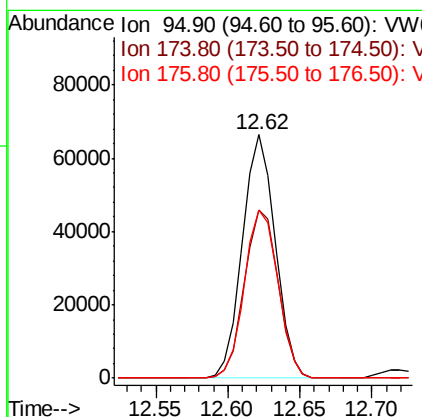
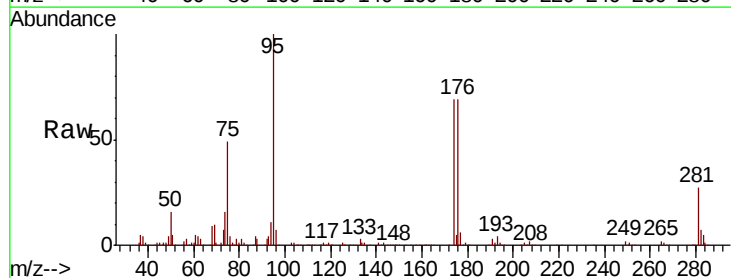
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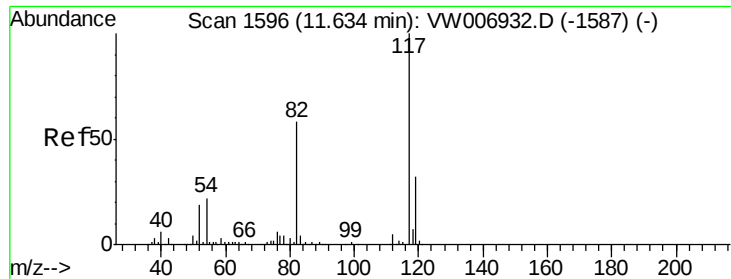
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#62
 4-Bromofluorobenzene
 Concen: 53.020 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.9	0.0	138.4
176	70.7	0.0	133.4





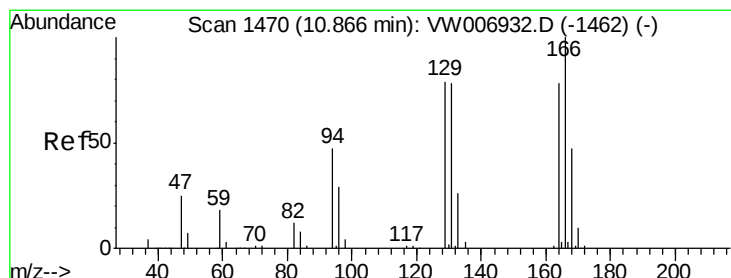
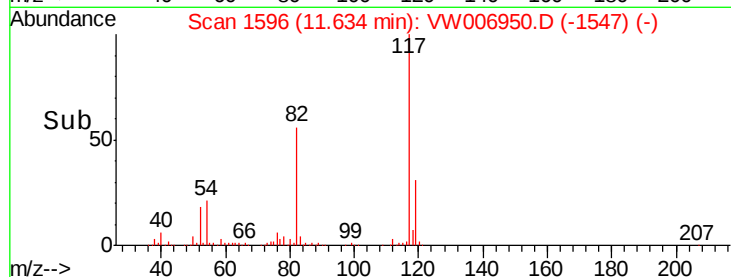
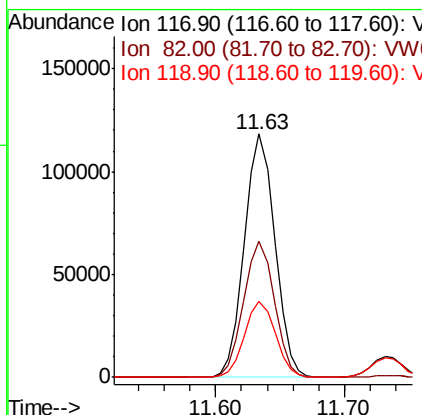
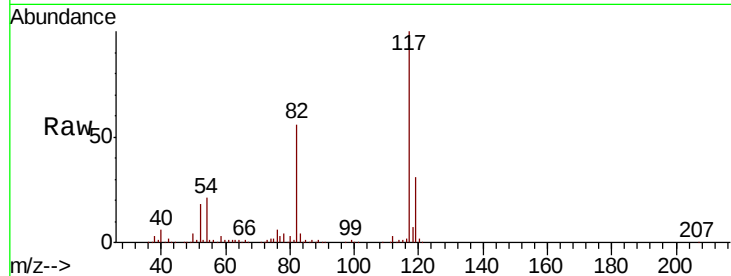
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.2	69.2
119	31.0	25.5	38.3

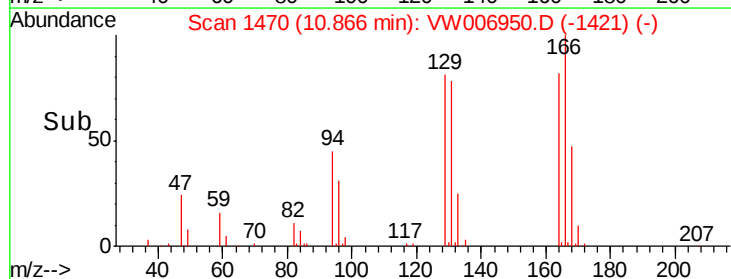
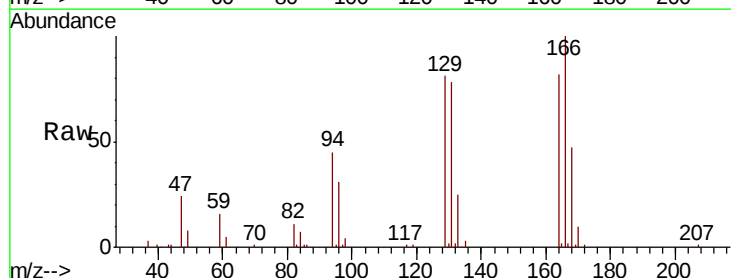
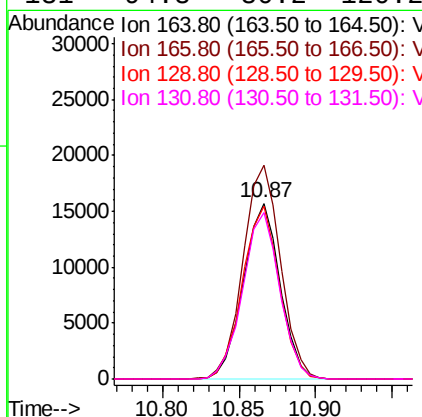
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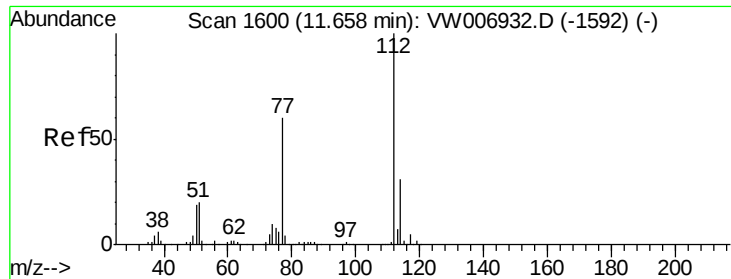
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#64
Tetrachloroethene
Concen: 21.052 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.5	102.6	154.0
129	98.4	81.0	121.4
131	94.8	80.2	120.2





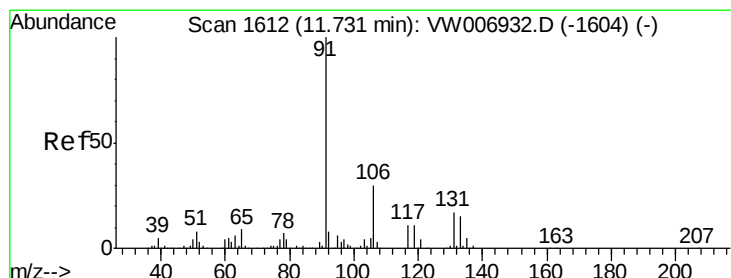
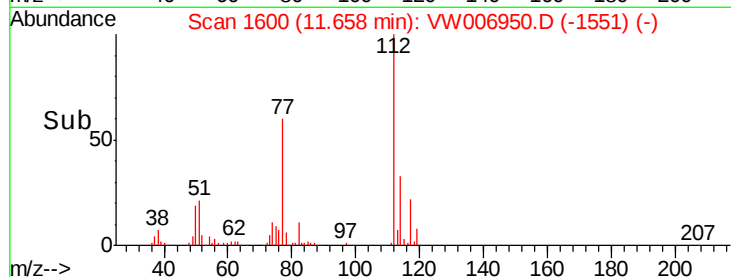
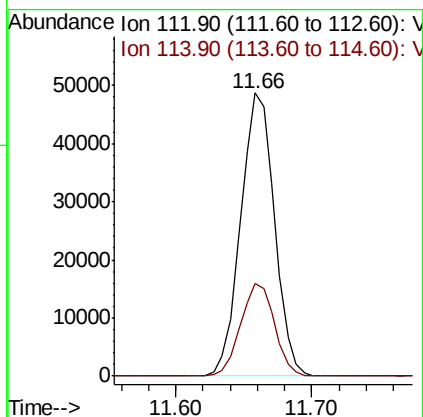
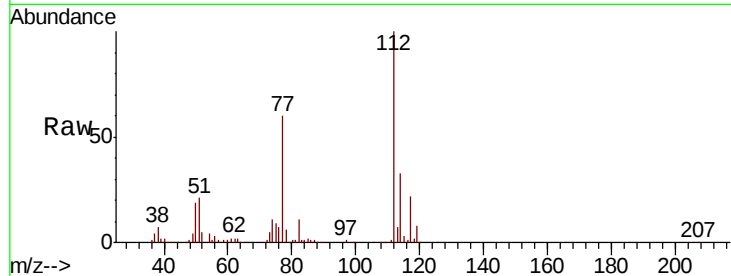
#65
Chlorobenzene
Concen: 20.636 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion:112 Resp: 84313
Ion Ratio Lower Upper
112 100
114 33.0 24.6 37.0

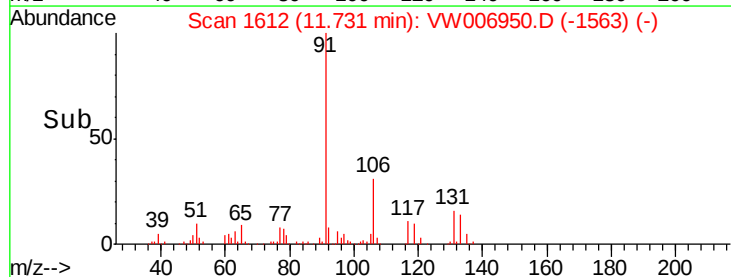
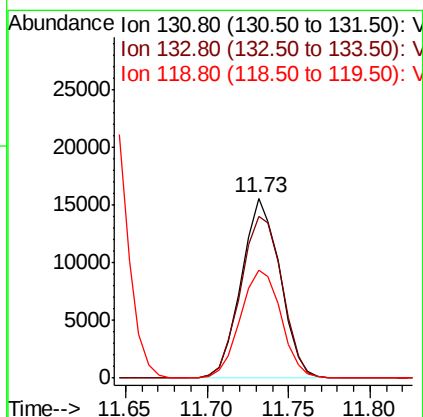
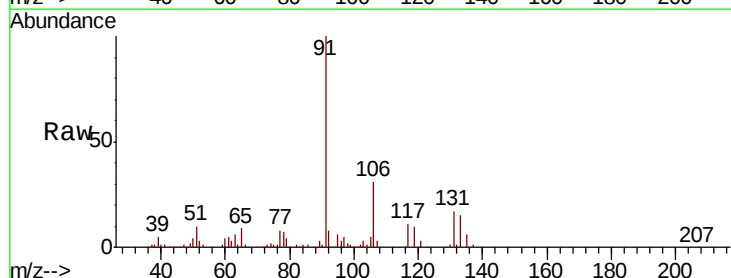
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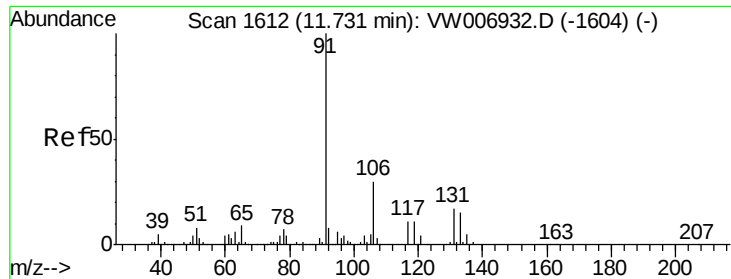
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.813 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion:131 Resp: 25797
Ion Ratio Lower Upper
131 100
133 96.7 47.2 141.6
119 63.0 32.5 97.4





#67

Ethyl Benzene

Concen: 20.742 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 91 Resp: 152795

Ion Ratio Lower Upper

91 100

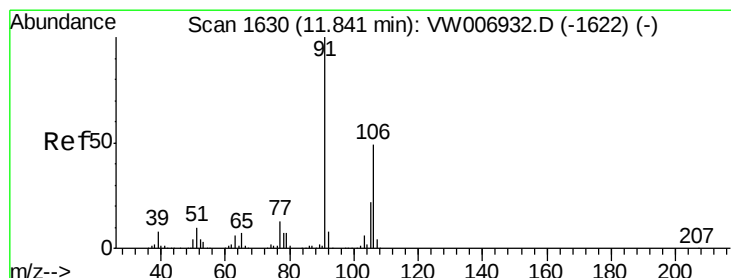
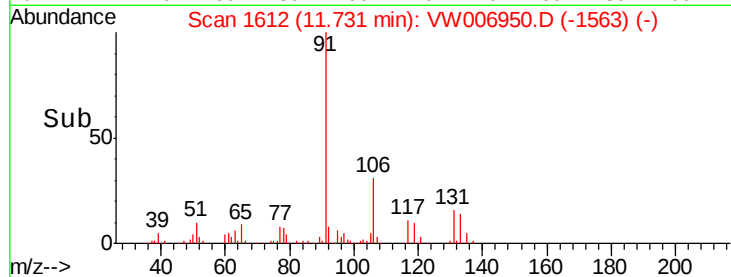
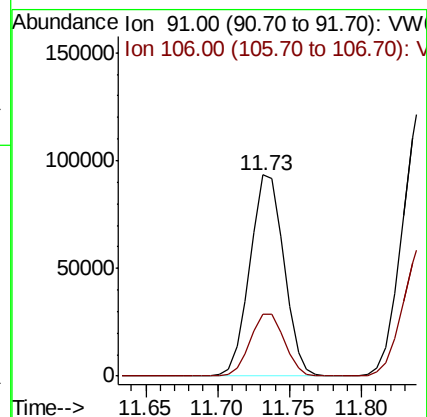
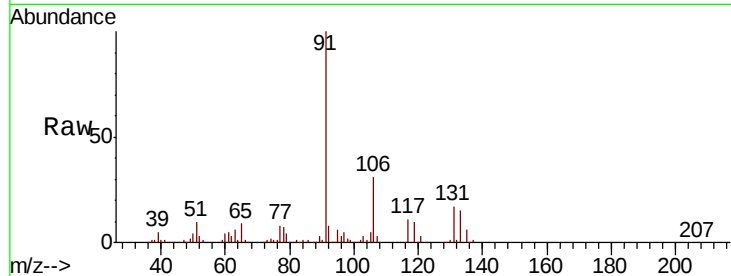
106 30.6 24.0 36.0

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#68

m/p-Xylenes

Concen: 42.365 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW006950.D

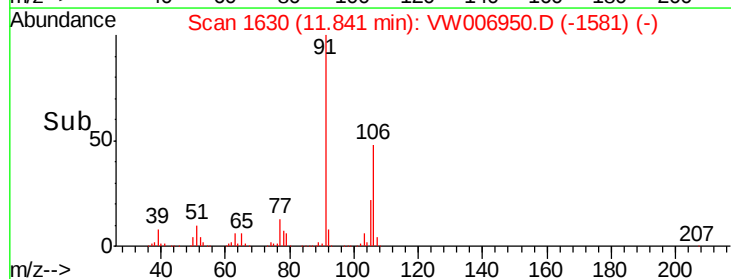
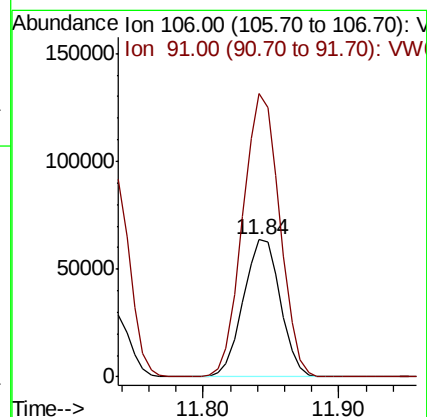
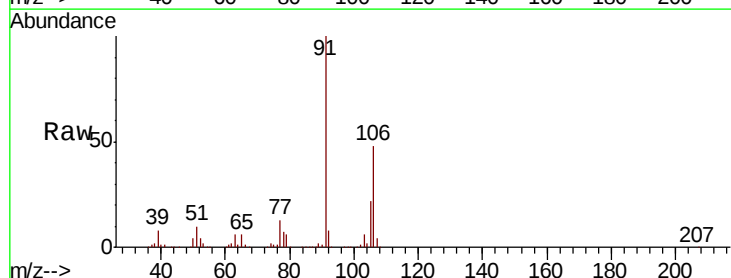
Acq: 19 Nov 2018 18:52

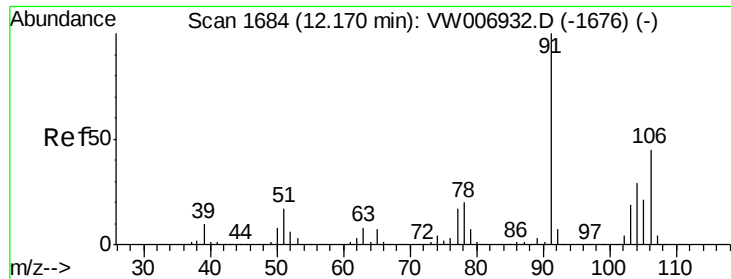
Tgt Ion: 106 Resp: 121526

Ion Ratio Lower Upper

106 100

91 205.4 165.0 247.4





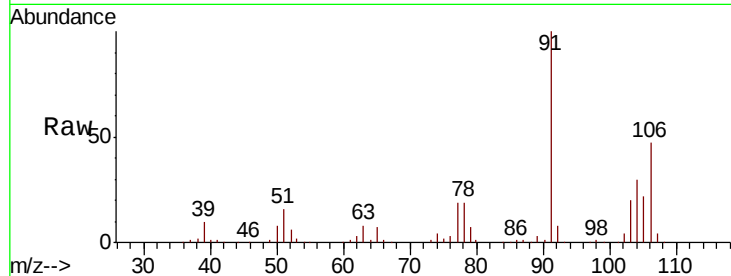
#69
o-Xylene
Concen: 20.891 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

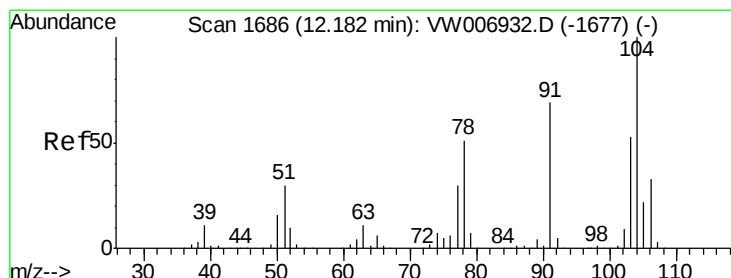
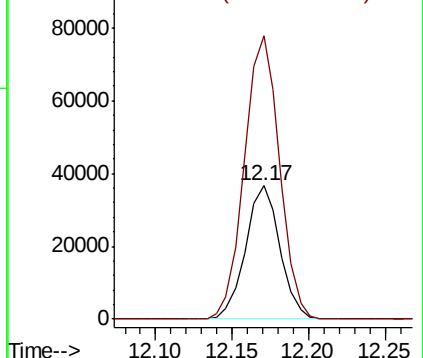
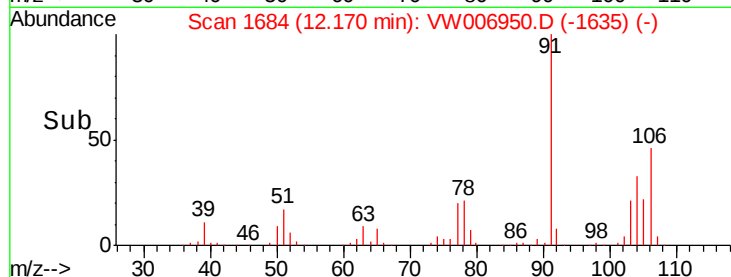
Tot Ion:106 Resp: 56876
Ion Ratio Lower Upper
106 100
91 218.5 109.2 327.6

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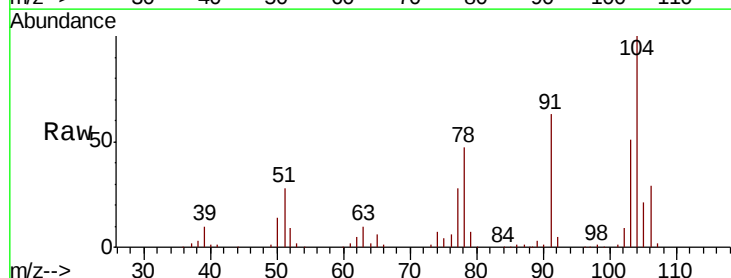


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

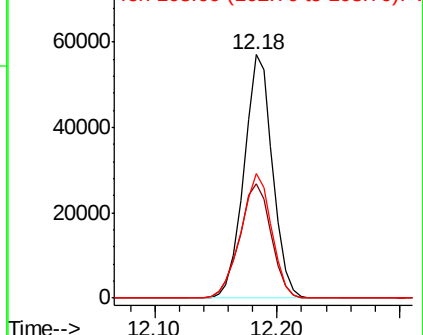
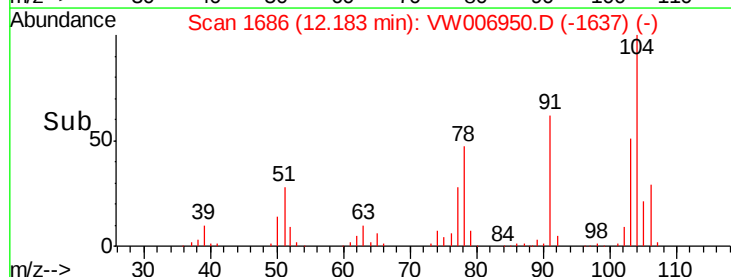


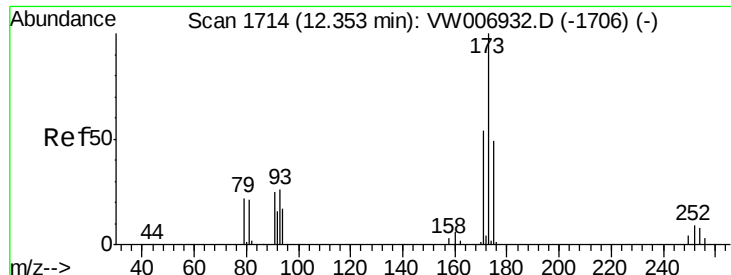
#70
Styrene
Concen: 21.038 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion:104 Resp: 92111
Ion Ratio Lower Upper
104 100
78 52.1 42.5 63.7
103 55.2 44.3 66.5



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





#71

Bromoform

Concen: 19.952 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

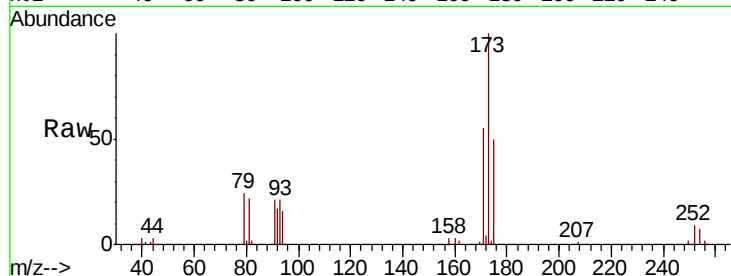
ClientSampleId :

VW1120SBS01

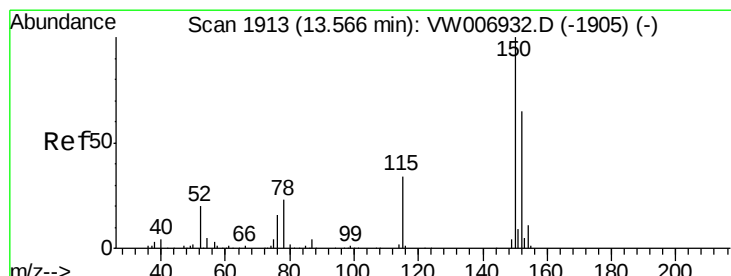
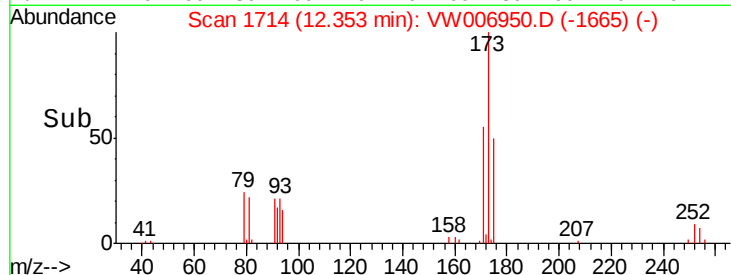
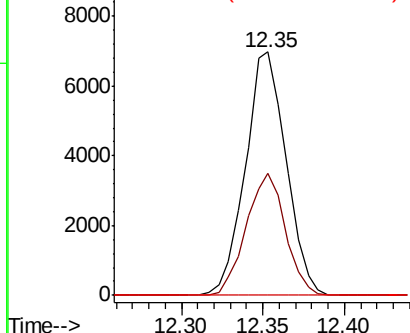
Tot Ion:	173	Resp:	12111
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.0	72.0
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

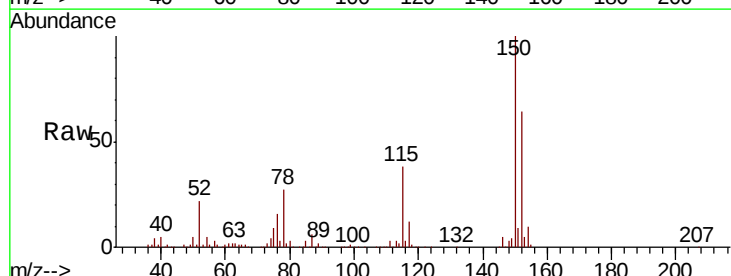
RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

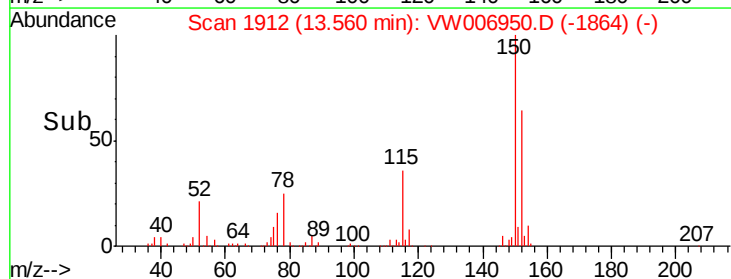
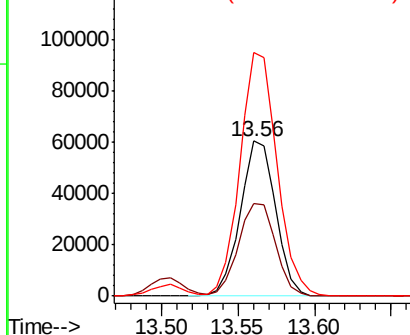
Lab File: VW006950.D

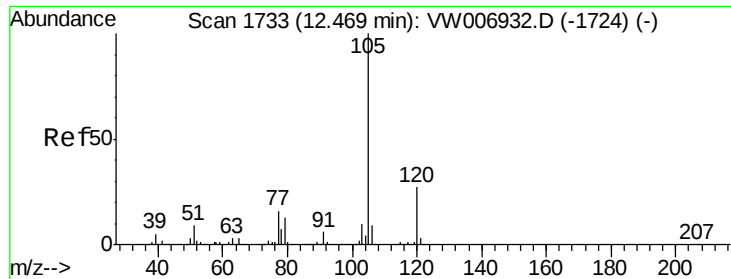
Acq: 19 Nov 2018 18:52

Tgt Ion:	152	Resp:	96934
Ion Ratio	Lower	Upper	
152	100		
115	62.5	31.6	94.7
150	165.2	0.0	350.0



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





#73

Isopropylbenzene

Concen: 20.085 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 105 Resp: 154189

Ion Ratio Lower Upper

105 100

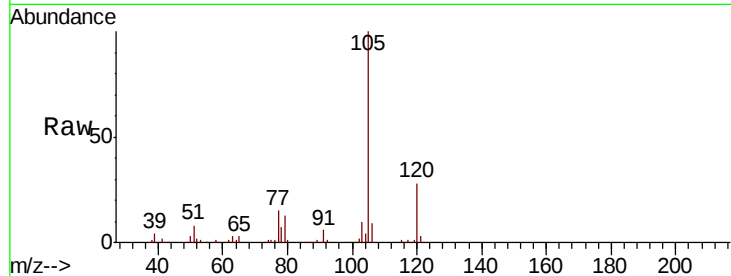
120 26.5 13.2 39.6

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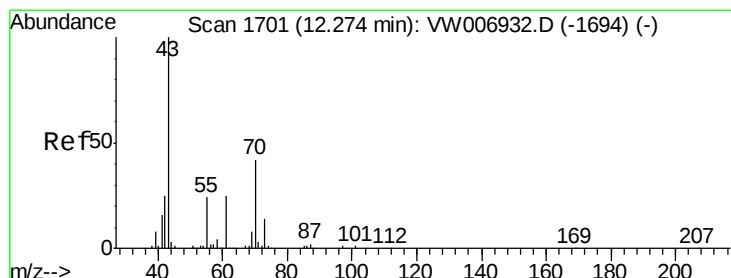
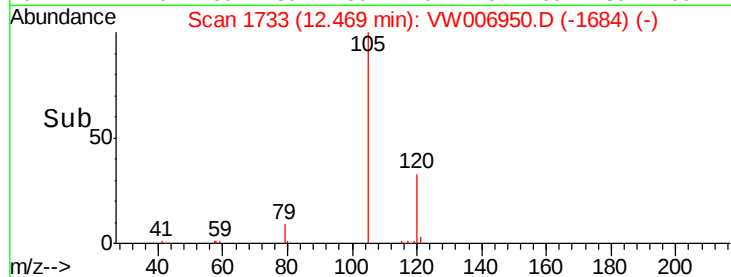
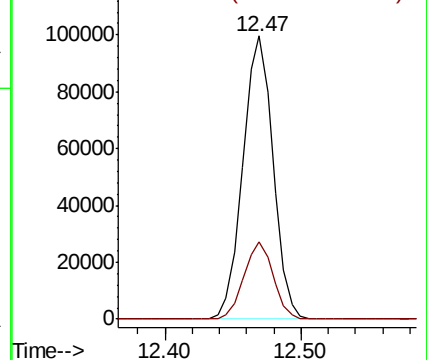
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.728 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Tgt Ion: 43 Resp: 25701

Ion Ratio Lower Upper

43 100

70 43.9 34.2 51.4

55 25.6 19.5 29.3

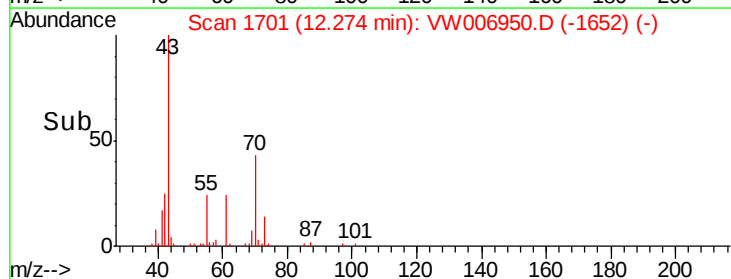
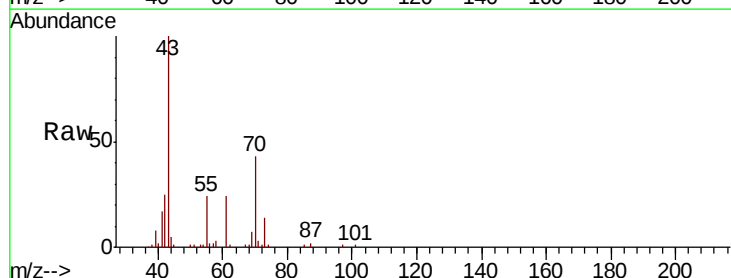
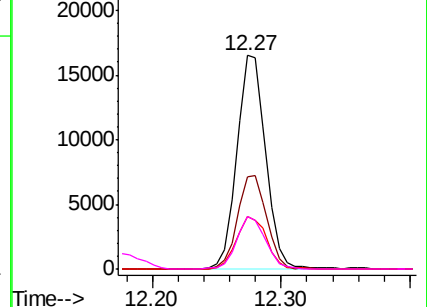
61 24.3 19.7 29.5

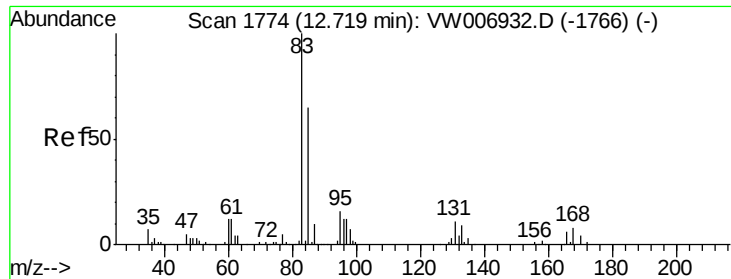
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.114 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

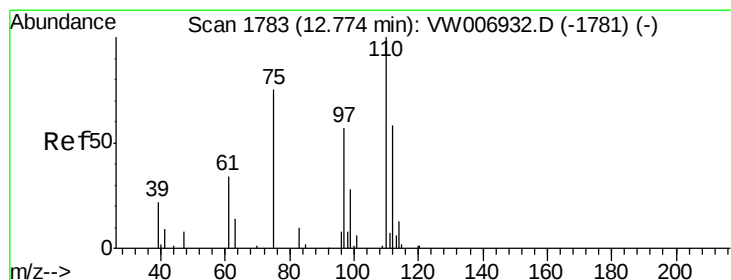
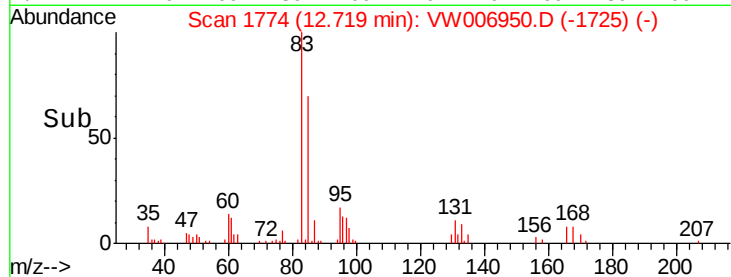
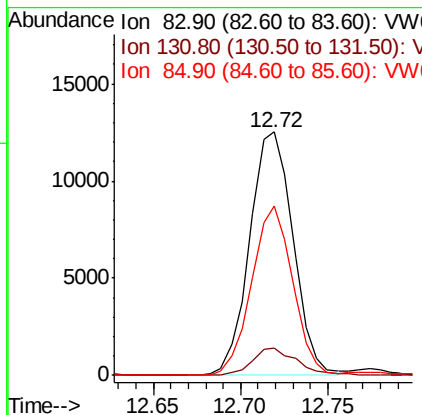
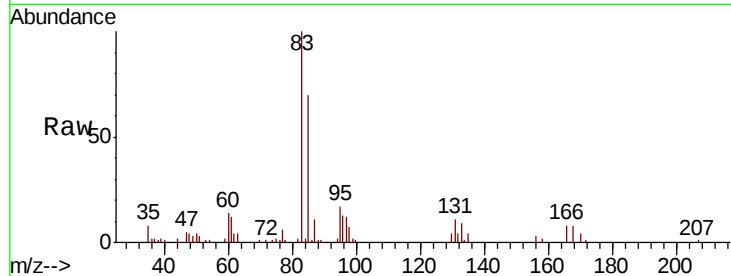
ClientSampleId :

VW1120SBS01

Tot Ion:	83	Resp:	21584
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.6	16.8
85	65.8	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 17.297 ug/l m

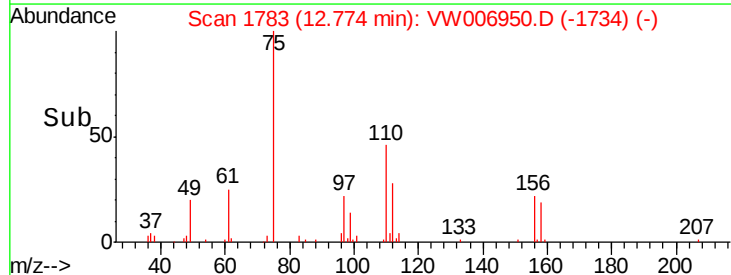
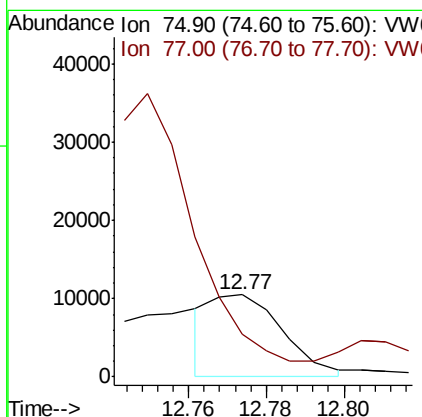
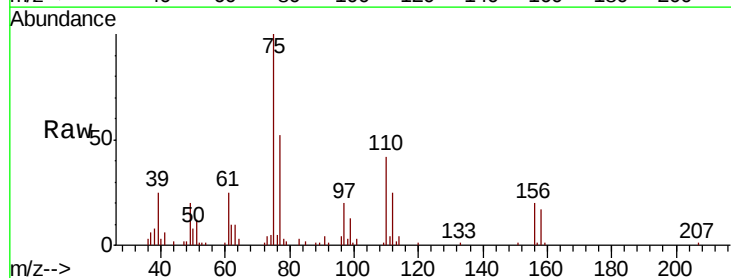
RT: 12.77 min Scan# 1783

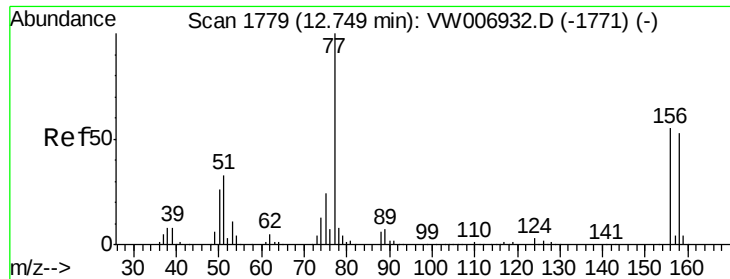
Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Tgt Ion:	75	Resp:	13474
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.477 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

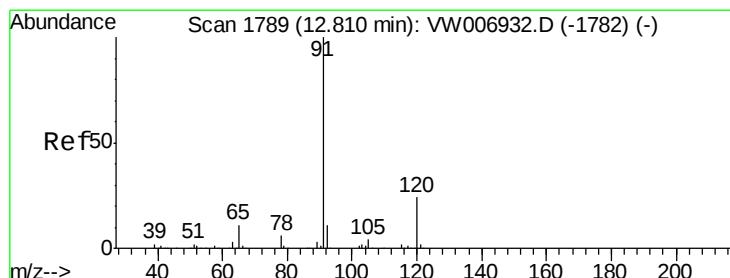
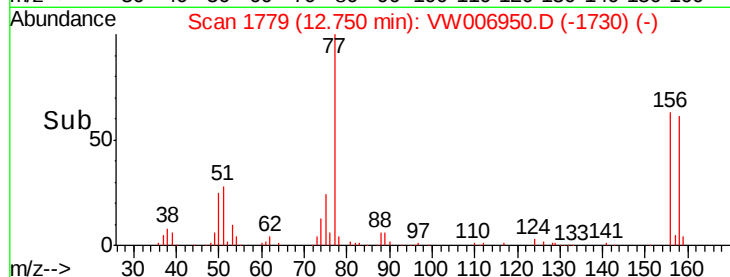
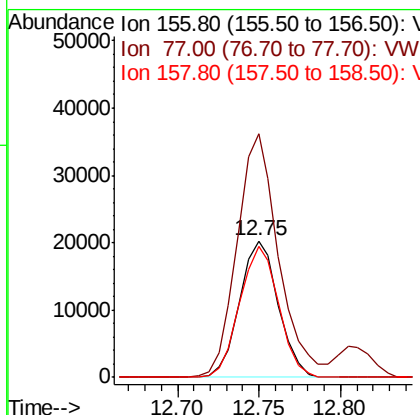
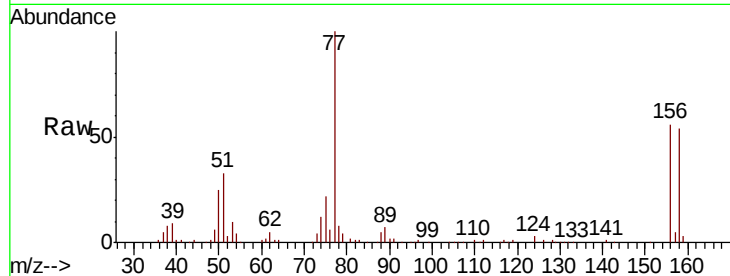
ClientSampleId :

VW1120SBS01

Tot Ion	156	Resp	33316
Ion Ratio	Lower	Upper	
156	100		
77	193.6	97.8	293.3
158	96.7	47.9	143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 20.241 ug/l

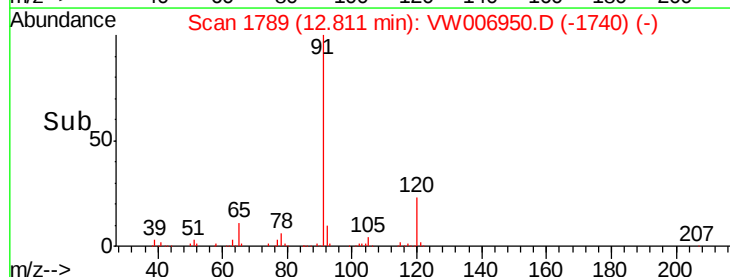
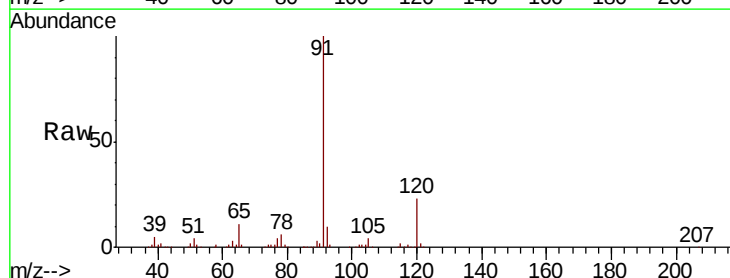
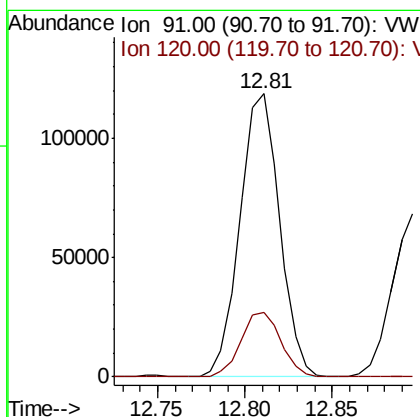
RT: 12.81 min Scan# 1789

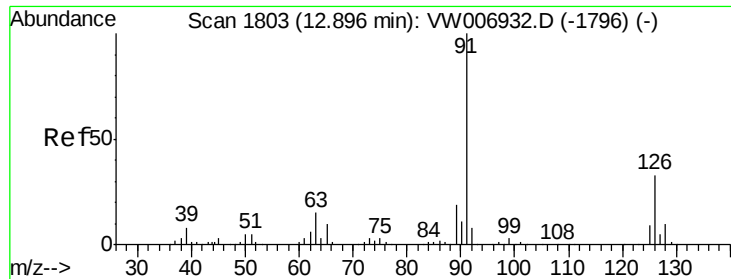
Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Tgt Ion	91	Resp	186707
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 20.025 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

Tot Ion: 91 Resp: 108253

Ion Ratio Lower Upper

91 100

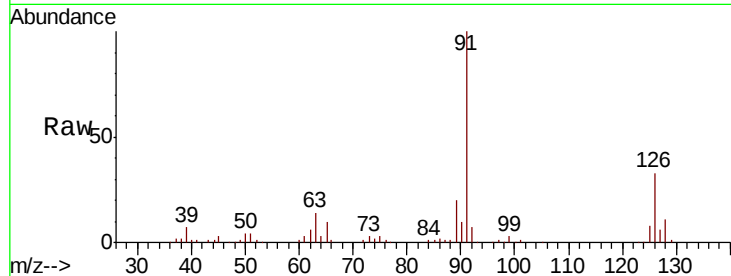
126 33.7 16.6 49.7

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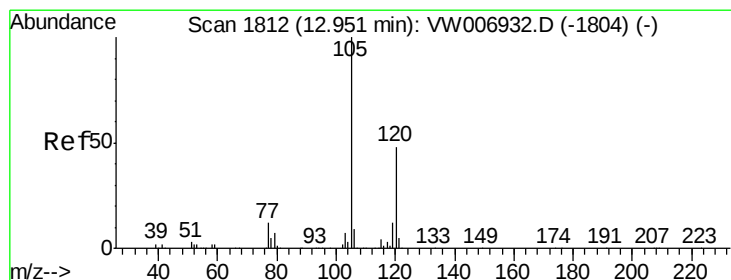
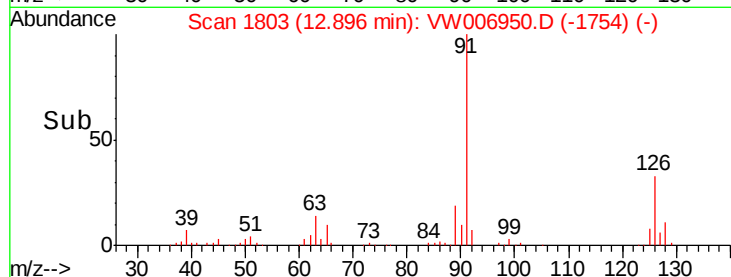
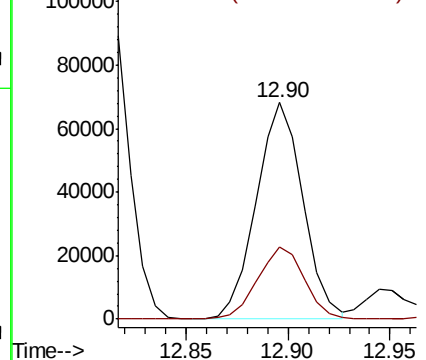
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.232 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006950.D

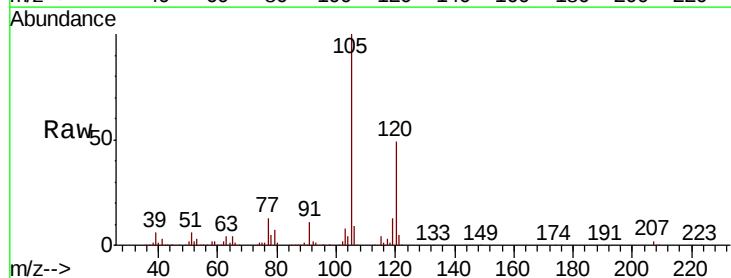
Acq: 19 Nov 2018 18:52

Tgt Ion:105 Resp: 133740

Ion Ratio Lower Upper

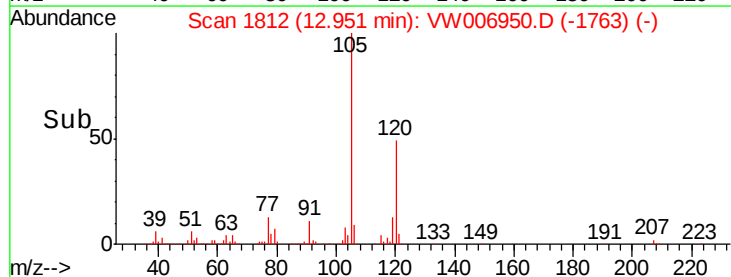
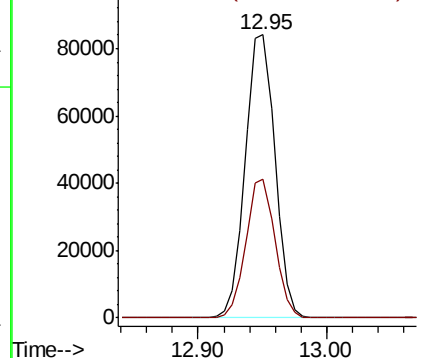
105 100

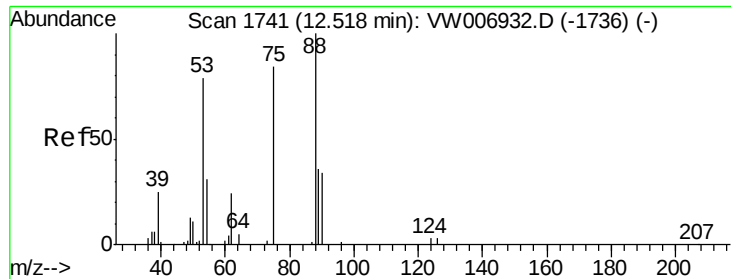
120 48.1 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





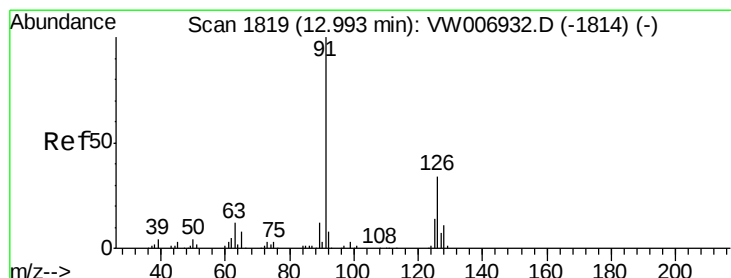
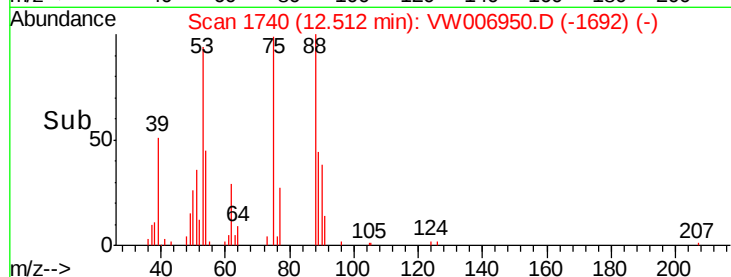
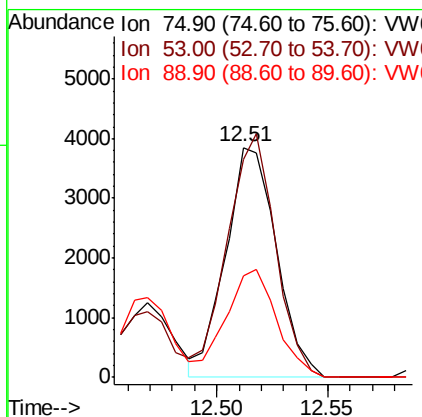
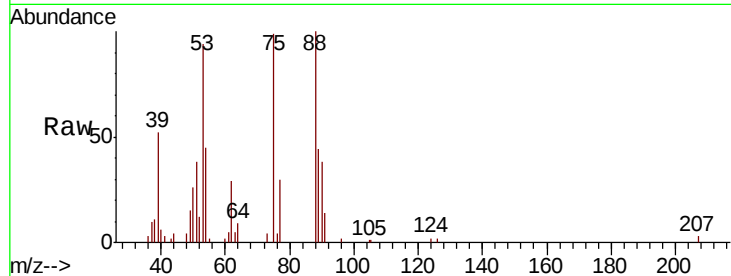
#81
trans-1,4-Dichloro-2-butene
Concen: 17.866 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.5	79.3	118.9
89	47.6	39.5	59.3

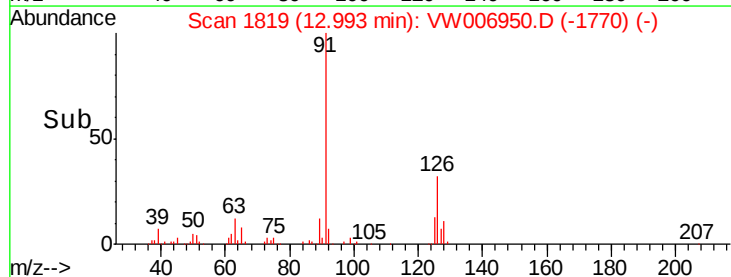
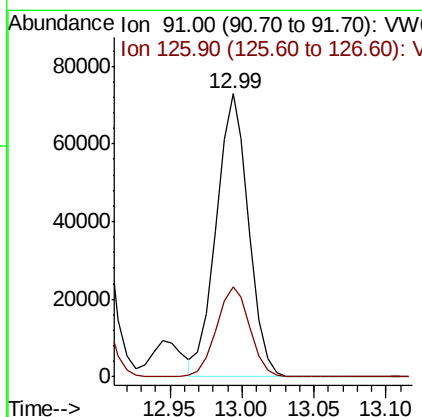
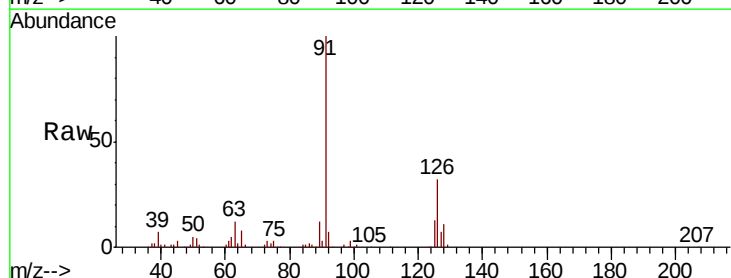
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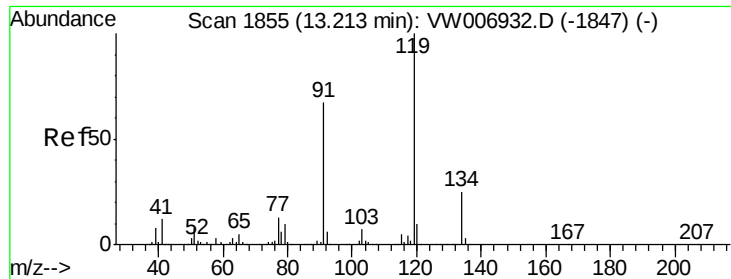
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#82
4-Chlorotoluene
Concen: 20.066 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.2	48.6





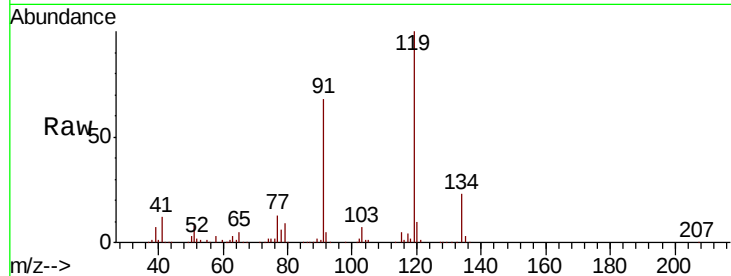
#83
tert-Butylbenzene
Concen: 20.615 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

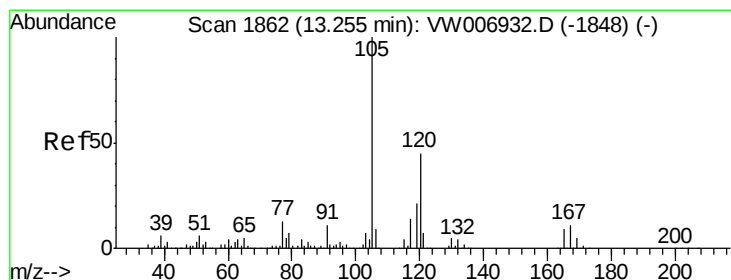
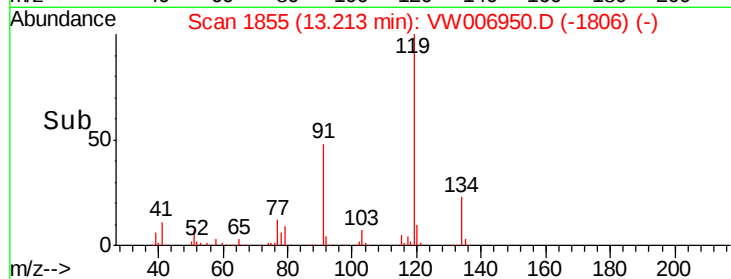
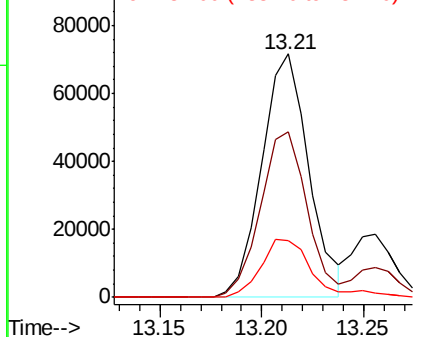
Tot Ion	Ratio	Lower	Upper
119	100		
91	67.5	33.8	101.4
134	26.1	12.6	37.8

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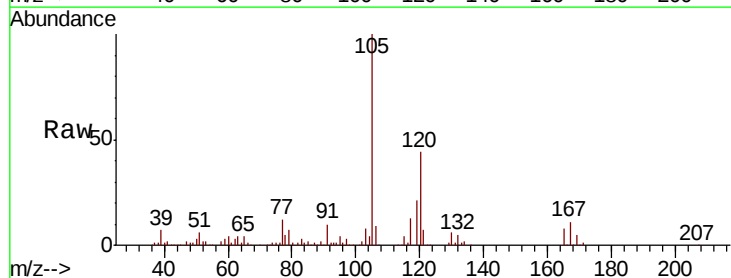


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

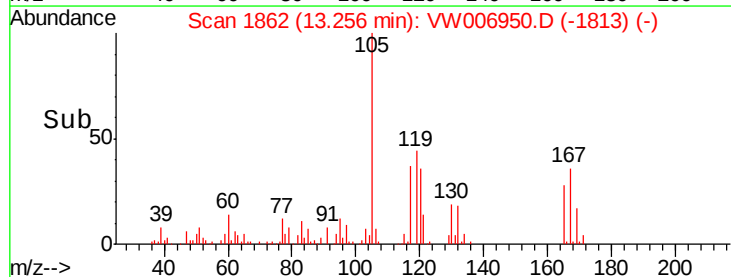
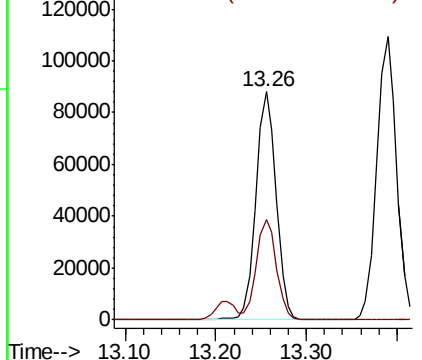


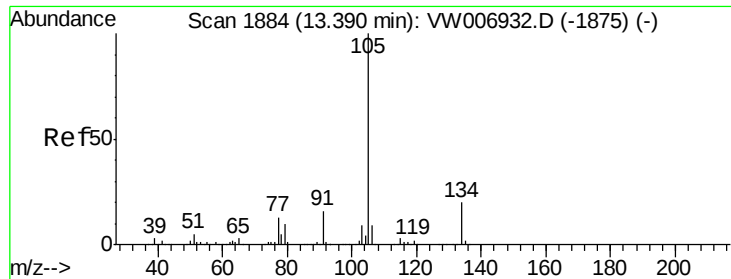
#84
1,2,4-Trimethylbenzene
Concen: 20.492 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	21.9	65.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





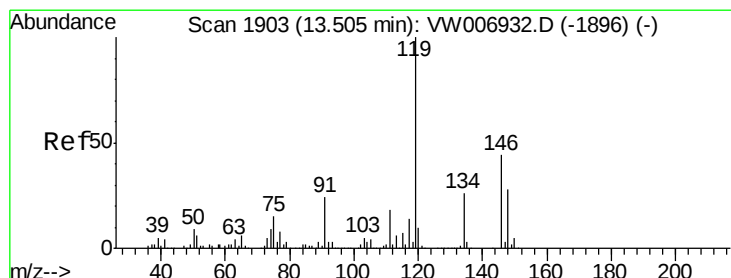
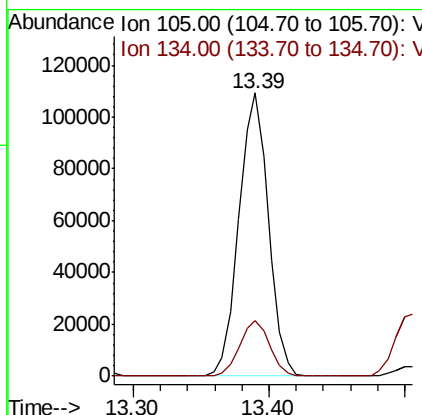
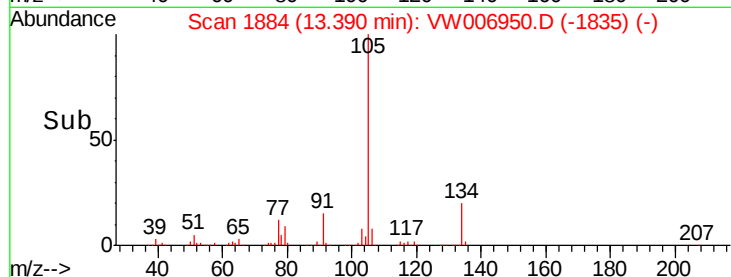
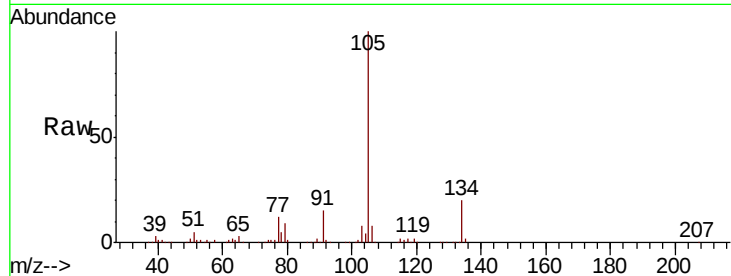
#85
 sec-Butylbenzene
 Concen: 20.634 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.4

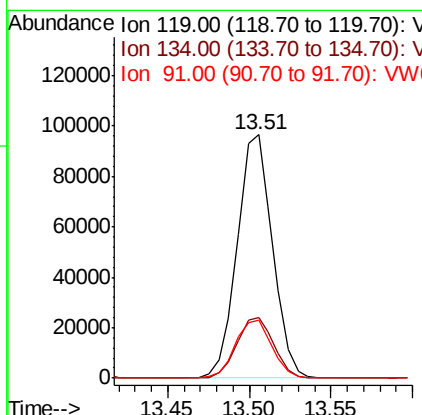
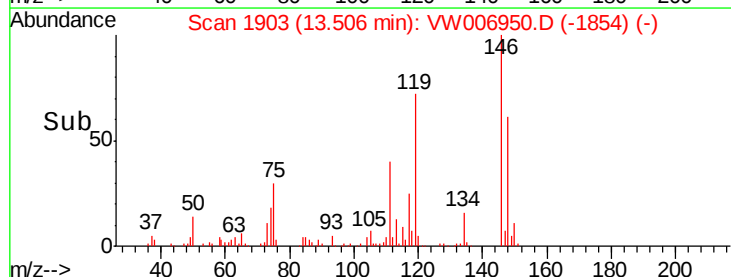
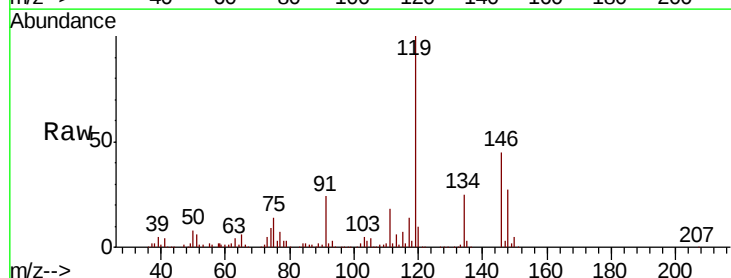
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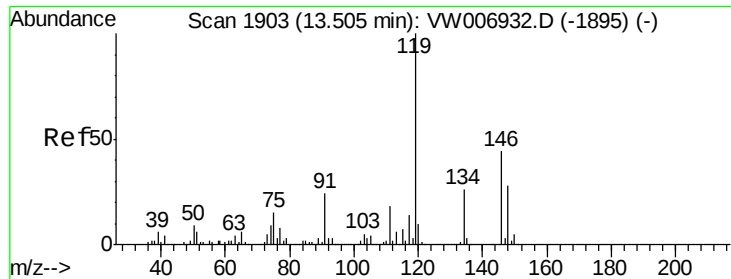
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#86
 p-Isopropyltoluene
 Concen: 20.749 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.7	38.1
91	24.9	12.4	37.2





#87

1,3-Dichlorobenzene

Concen: 20.965 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

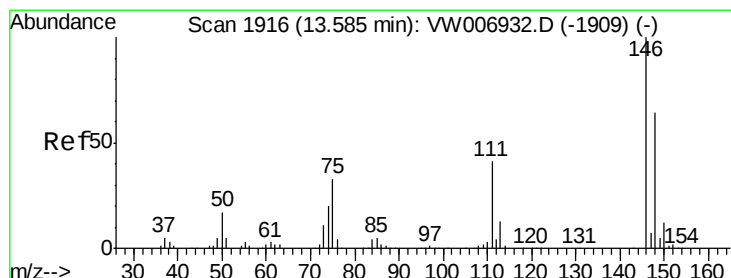
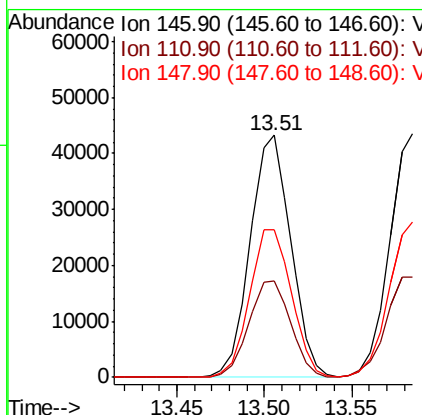
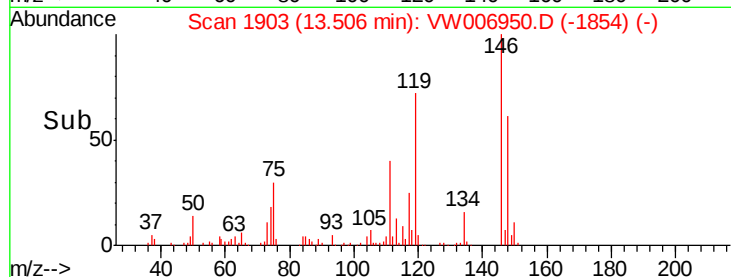
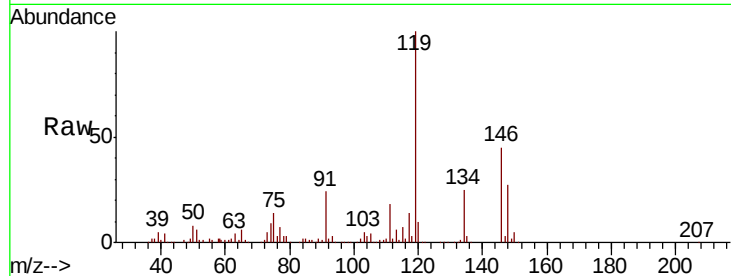
Instrument :
MSVOA_W

ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.3	63.9
148	63.2	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.595 ug/l

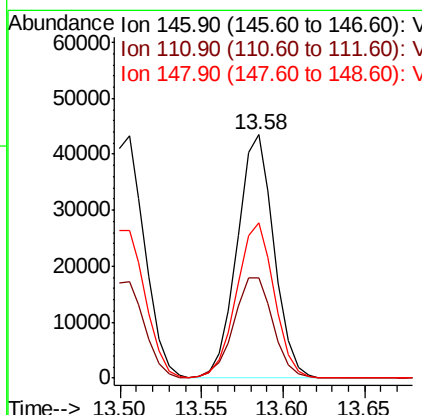
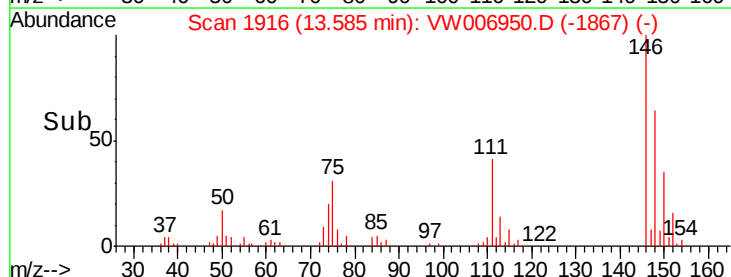
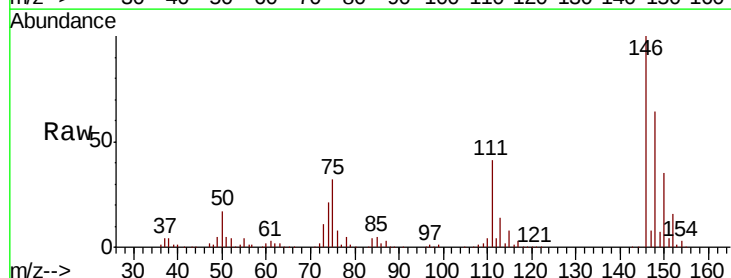
RT: 13.58 min Scan# 1916

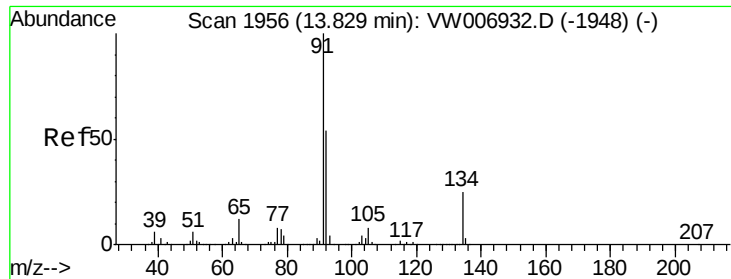
Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	20.7	62.1
148	65.2	31.9	95.9





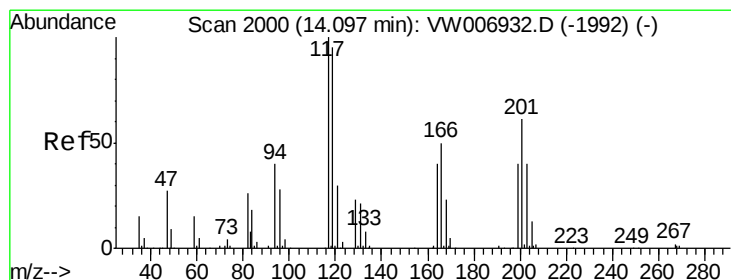
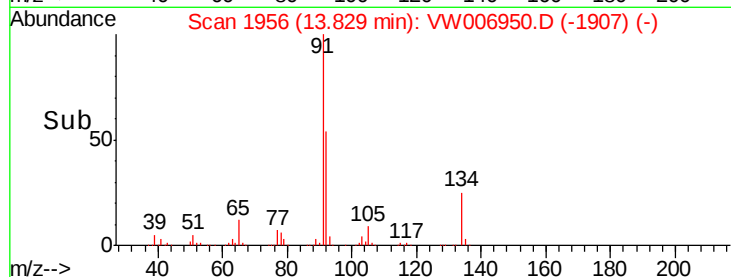
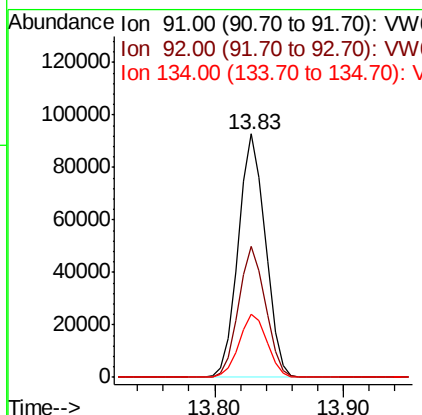
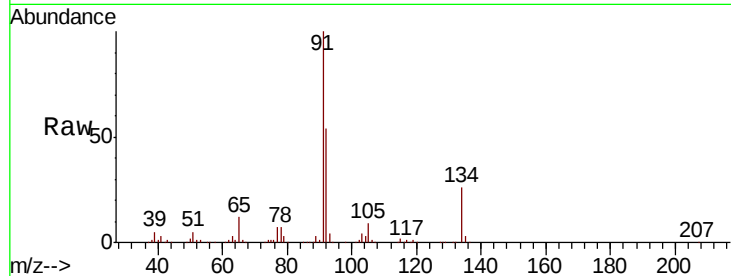
#89
n-Butylbenzene
Concen: 20.461 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.4	79.2
134	26.4	12.9	38.6

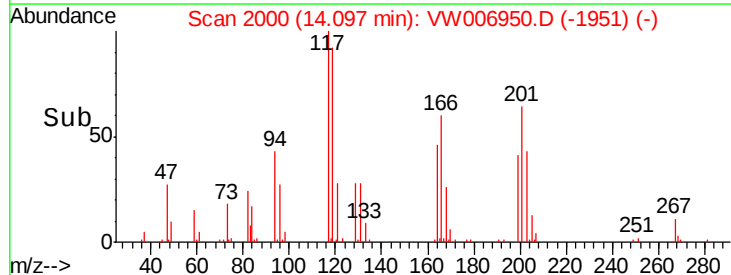
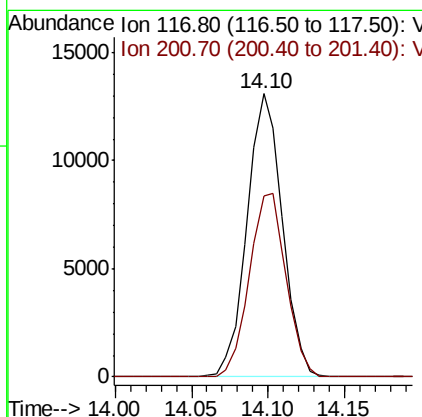
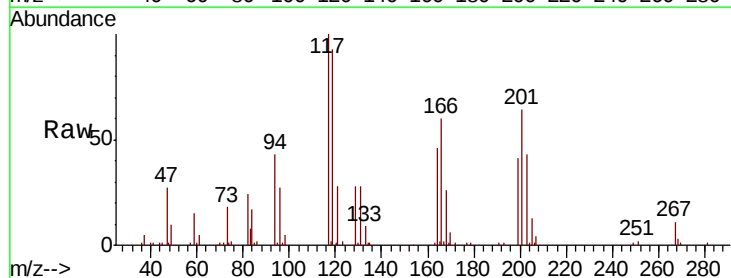
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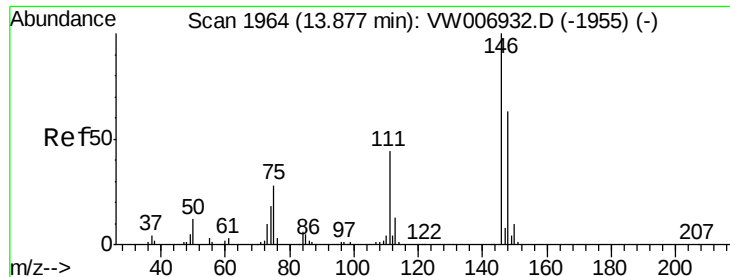
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#90
Hexachloroethane
Concen: 18.415 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.3	33.8	101.4





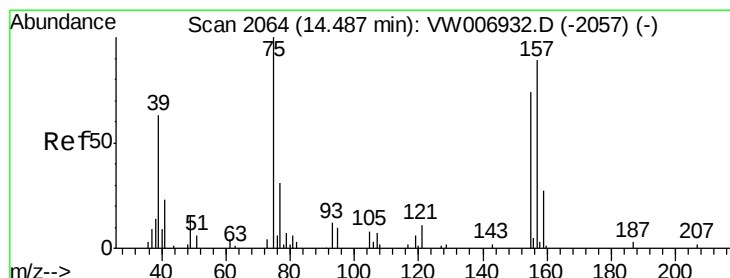
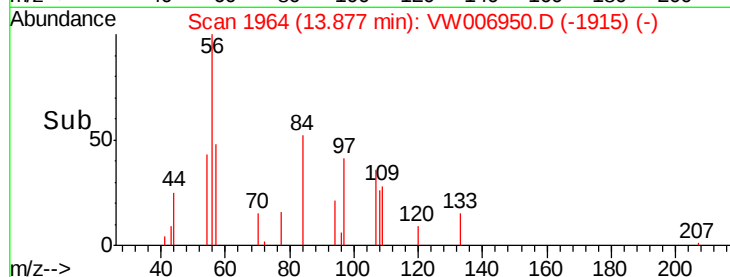
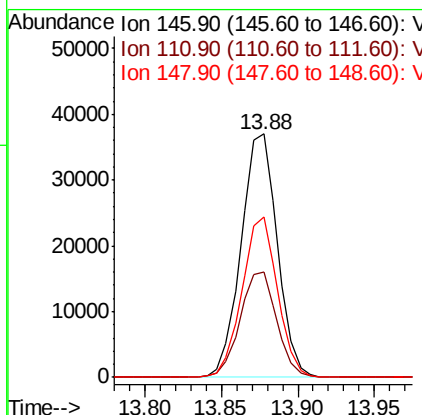
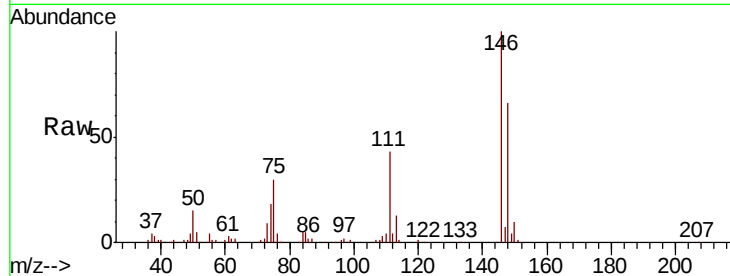
#91
 1,2-Dichlorobenzene
 Concen: 20.512 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.6	67.7
148	64.1	31.7	95.1

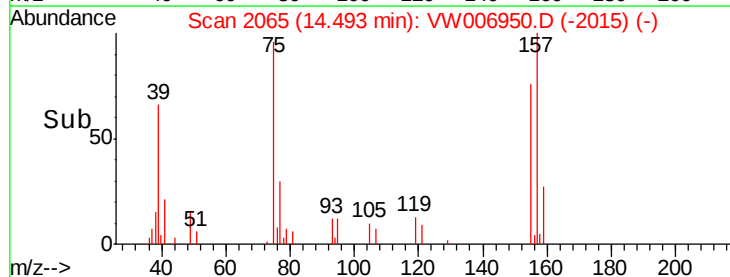
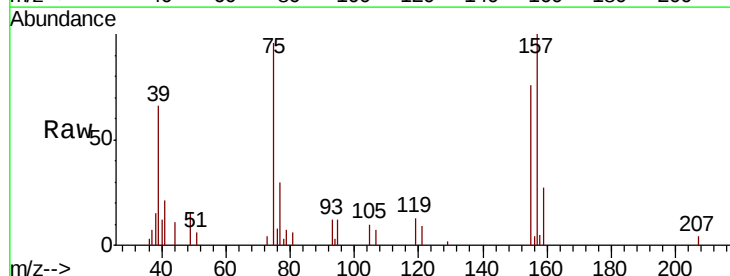
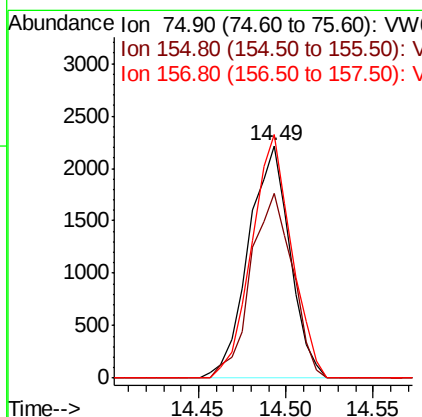
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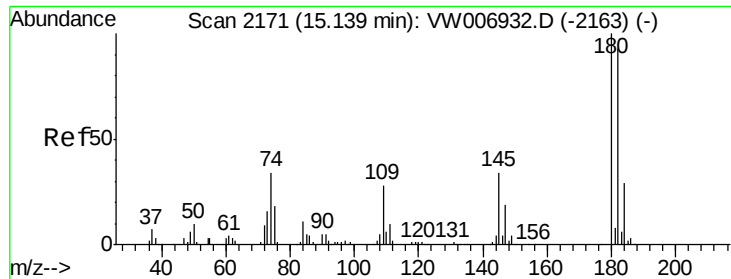
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.694 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.9	38.6	115.7
157	100.3	49.7	149.1





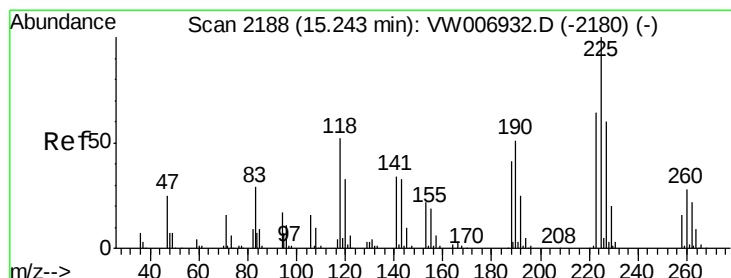
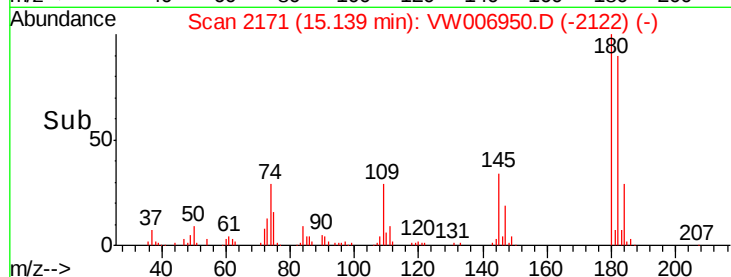
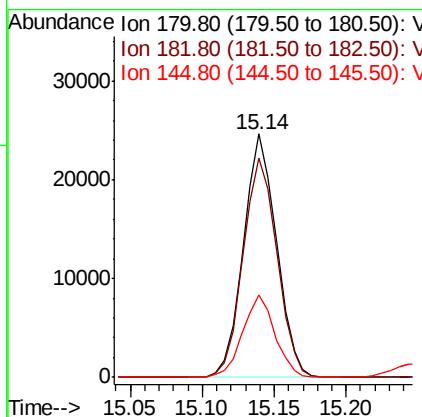
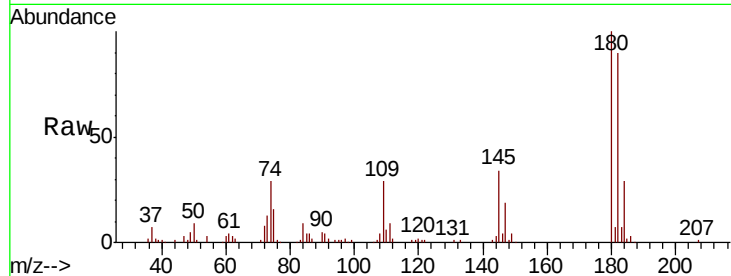
#93
1,2,4-Trichlorobenzene
Concen: 20.865 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	39055		
182	92.8	47.3	141.9	
145	32.8	16.8	50.4	

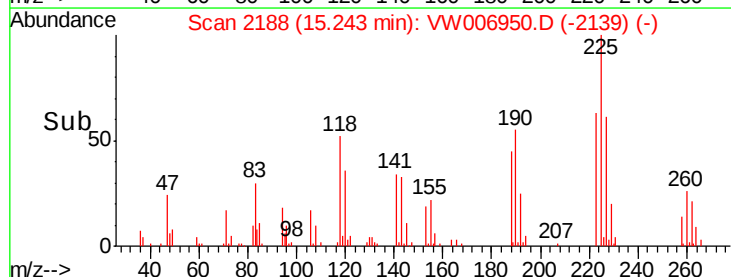
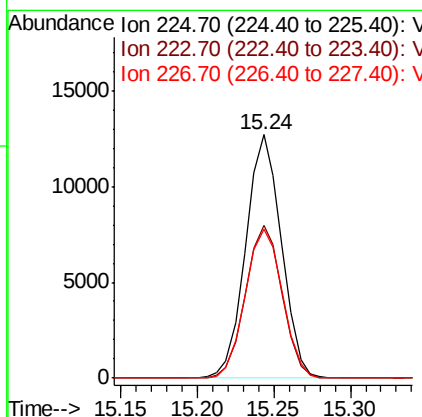
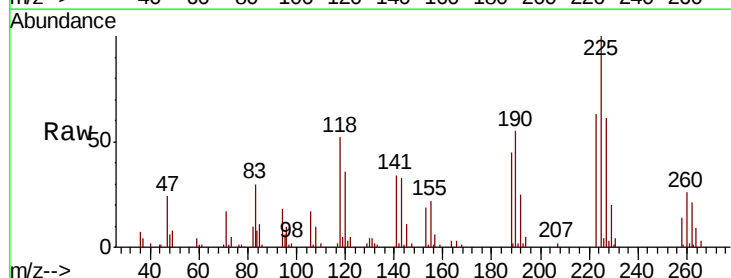
Manual Integrations
APPROVED

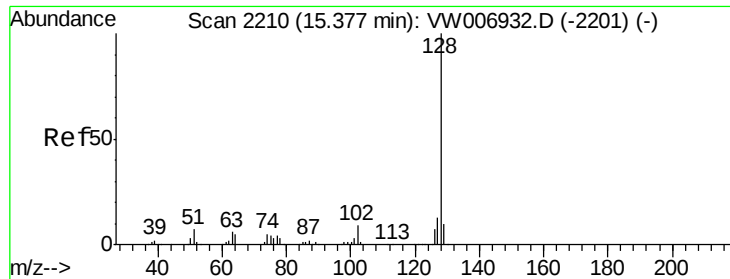
sam
11/20/2018 5:56:09 PM



#94
Hexachlorobutadiene
Concen: 20.829 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20595		
223	63.9	32.1	96.3	
227	63.7	31.6	95.0	





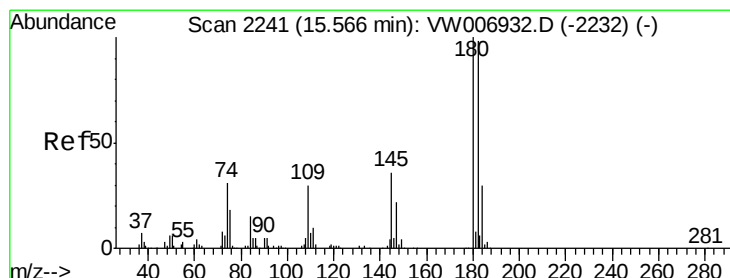
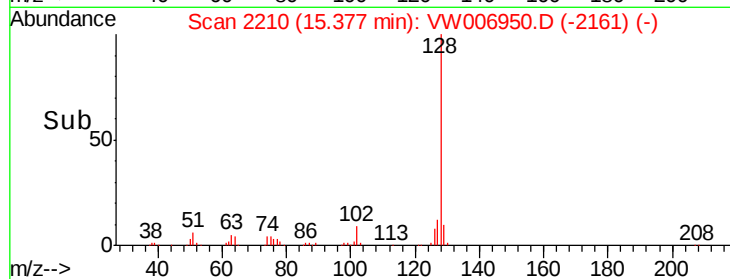
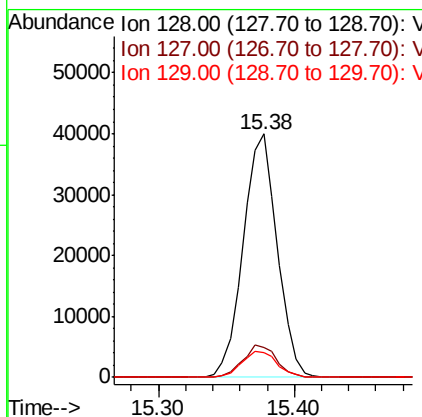
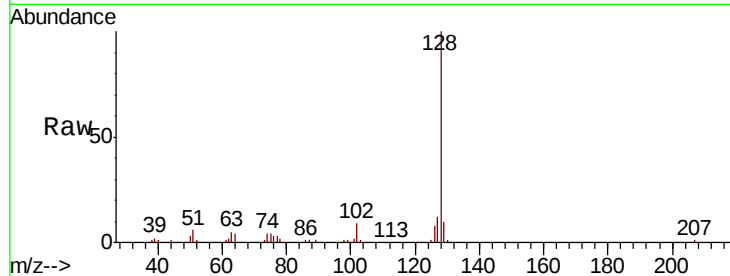
#95
Naphthalene
Concen: 19.361 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.0	8.5	12.7

Manual Integrations
APPROVED

sam
11/20/2018 5:56:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.479 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.4	142.2
145	35.5	17.6	52.9

