

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006247.D
 Acq On : 22 Oct 2018 13:26
 Operator : VA/AP
 Sample : VW1022SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBSD01

Manual Integrations
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 10/24/2018 5:33:07 PM

Quant Time: Oct 22 14:35:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	310625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	432577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	390362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	220349	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	115566	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.76%		
35) Dibromofluoromethane	7.88	113	120895	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.60%		
50) Toluene-d8	10.33	98	451320	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.82%		
62) 4-Bromofluorobenzene	12.62	95	175319	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.00%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	22579	14.689	ug/l	99
3) Chloromethane	2.21	50	30412	15.370	ug/l	99
4) Vinyl Chloride	2.37	62	51047	18.065	ug/l	99
5) Bromomethane	2.78	94	43098	16.769	ug/l	100
6) Chloroethane	2.93	64	34316	16.946	ug/l	97
7) Trichlorofluoromethane	3.26	101	46151	17.532	ug/l	100
8) Diethyl Ether	3.68	74	26337	18.826	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	56644	20.533	ug/l	98
10) Methyl Iodide	4.26	142	93189	20.296	ug/l	100
11) Tert butyl alcohol	5.21	59	17772	102.611	ug/l	99
12) 1,1-Dichloroethene	4.03	96	53581	20.645	ug/l	95
13) Acrolein	3.89	56	15860	94.635	ug/l	93
14) Allyl chloride	4.67	41	73772	19.879	ug/l	98
15) Acrylonitrile	5.37	53	51805	103.242	ug/l	100
16) Acetone	4.13	43	65359	128.061	ug/l	98
17) Carbon Disulfide	4.38	76	142983	18.254	ug/l	99
18) Methyl Acetate	4.68	43	25677	19.813	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	82332	20.828	ug/l	98
20) Methylene Chloride	4.91	84	60469	21.256	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	60605	20.920	ug/l	94
22) Diisopropyl ether	6.32	45	149157	20.339	ug/l	96
23) Vinyl Acetate	6.26	43	426800	98.617	ug/l	99
24) 1,1-Dichloroethane	6.21	63	98493	20.814	ug/l	99
25) 2-Butanone	7.18	43	78295	112.541	ug/l	100
26) 2,2-Dichloropropane	7.17	77	69511	20.828	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	68333	21.375	ug/l	98
28) Bromochloromethane	7.51	49	32132	17.589	ug/l	92
29) Tetrahydrofuran	7.53	42	43405	101.501	ug/l	97
30) Chloroform	7.68	83	108686	21.081	ug/l	97
31) Cyclohexane	7.96	56	92956	19.726	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	96518	20.754	ug/l	100
36) 1,1-Dichloropropene	8.09	75	85664	21.485	ug/l	99
37) Ethyl Acetate	7.26	43	30679	20.710	ug/l	98
38) Carbon Tetrachloride	8.07	117	92530	21.170	ug/l	98

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Manual Integrations
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Quant Time: Oct 22 14:35:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	110790	20.904	ug/l	98
40) Benzene	8.33	78	234367	21.429	ug/l	100
41) Methacrylonitrile	7.49	41	17966	20.118	ug/l	95
42) 1,2-Dichloroethane	8.40	62	68995	21.472	ug/l	99
43) Isopropyl Acetate	8.43	43	60599	20.007	ug/l	99
44) Trichloroethene	9.09	130	73289	21.842	ug/l	99
45) 1,2-Dichloropropane	9.37	63	55074	21.043	ug/l	99
46) Dibromomethane	9.46	93	32331	21.675	ug/l	98
47) Bromodichloromethane	9.65	83	75235	20.804	ug/l	99
48) Methyl methacrylate	9.44	41	28795	20.056	ug/l	96
49) 1,4-Dioxane	9.46	88	9542	415.528	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	156455	103.094	ug/l	98
52) Toluene	10.39	92	158786	21.655	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	74553	20.691	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	86337	20.878	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	44990	21.553	ug/l	98
56) Ethyl methacrylate	10.65	69	52624	20.564	ug/l	97
57) 1,3-Dichloropropane	10.93	76	74580	21.583	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	99157	101.406	ug/l	97
59) 2-Hexanone	10.98	43	118684	109.557	ug/l	97
60) Dibromochloromethane	11.13	129	53567	20.602	ug/l	99
61) 1,2-Dibromoethane	11.24	107	45547	21.838	ug/l	98
64) Tetrachloroethene	10.87	164	65770	21.703	ug/l	98
65) Chlorobenzene	11.66	112	182721	21.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	63476	21.374	ug/l	99
67) Ethyl Benzene	11.74	91	313192	21.626	ug/l	100
68) m/p-Xylenes	11.85	106	251334	43.908	ug/l	99
69) o-Xylene	12.17	106	118582	21.737	ug/l	98
70) Styrene	12.19	104	191713	21.611	ug/l	100
71) Bromoform	12.35	173	33618	20.295	ug/l #	100
73) Isopropylbenzene	12.47	105	335615	21.559	ug/l	100
74) N-amyl acetate	12.28	43	59503	19.680	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	51296	21.665	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34390m	20.433	ug/l	
77) Bromobenzene	12.75	156	83890	22.002	ug/l	98
78) n-propylbenzene	12.81	91	389749	21.520	ug/l	100
79) 2-Chlorotoluene	12.90	91	217969	21.420	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	282288	21.510	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13995	19.877	ug/l	100
82) 4-Chlorotoluene	12.99	91	230528	21.627	ug/l	100
83) tert-Butylbenzene	13.21	119	252650	21.518	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	286110	21.545	ug/l	99
85) sec-Butylbenzene	13.39	105	357174	21.533	ug/l	99
86) p-Isopropyltoluene	13.51	119	325652	21.705	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	165335	21.788	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	163877	21.690	ug/l	100
89) n-Butylbenzene	13.83	91	294515	21.464	ug/l	99
90) Hexachloroethane	14.10	117	51917	20.429	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	147340	21.768	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8345	19.686	ug/l	94

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBSD01

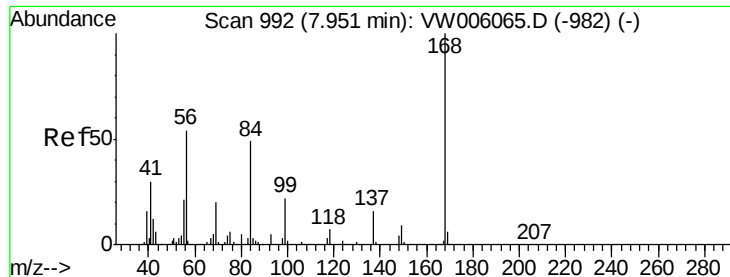
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Quant Time: Oct 22 14:35:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	115491	22.175	ug/l	99
94) Hexachlorobutadiene	15.24	225	72676	22.214	ug/l	99
95) Naphthalene	15.38	128	183571	21.188	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	100299	22.265	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBSD01

Tot Ion:168 Resp: 310625

Ion Ratio Lower Upper

168 100

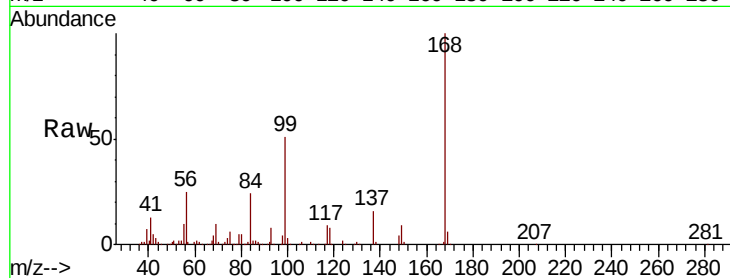
99 50.7 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

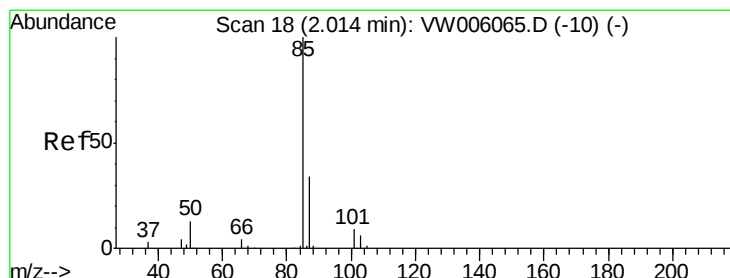
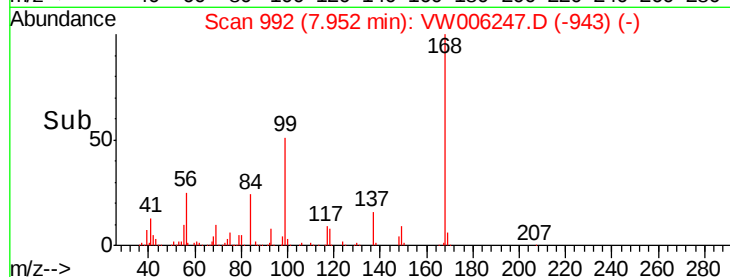
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 14.689 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006247.D

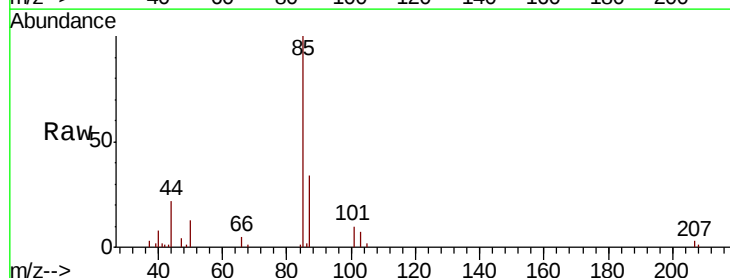
Acq: 22 Oct 2018 13:26

Tgt Ion: 85 Resp: 22579

Ion Ratio Lower Upper

85 100

87 34.1 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

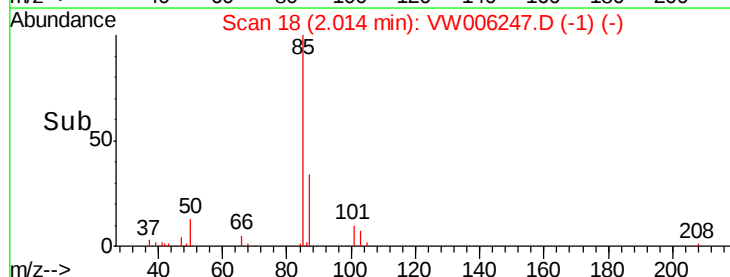
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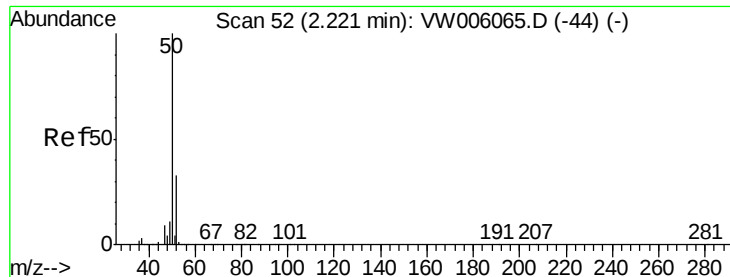
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0

1.90 2.00 2.10

Time-->





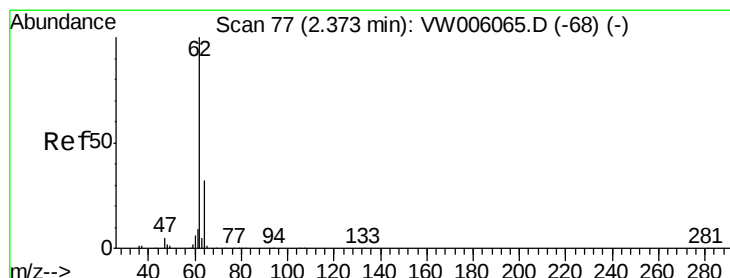
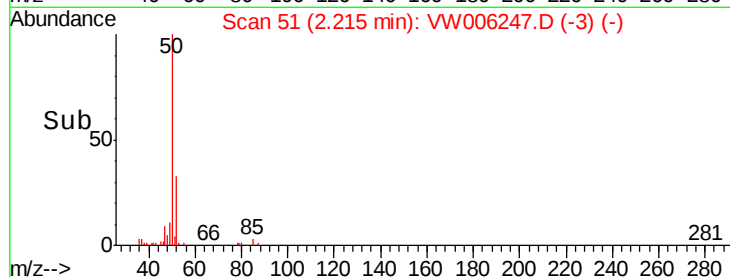
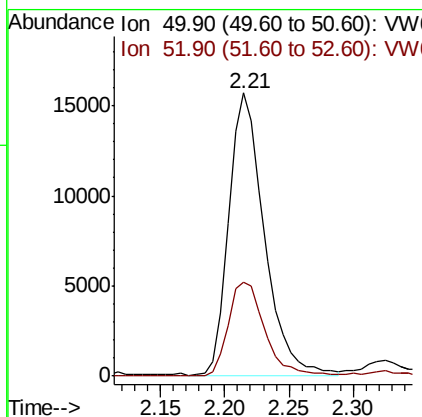
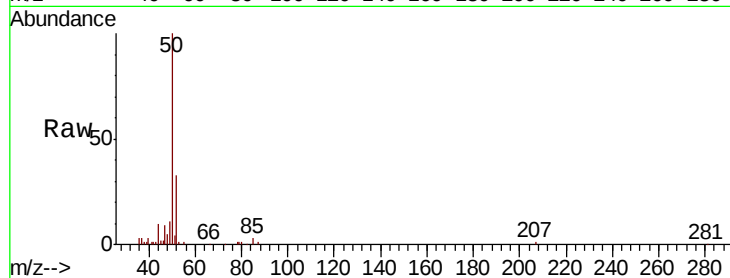
#3
Chloromethane
Concen: 15.370 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.01 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBSD01

Tot Ion	50	Resp	30412
Ion Ratio	100	Lower	Upper
50	100		
52	33.2	26.8	40.2

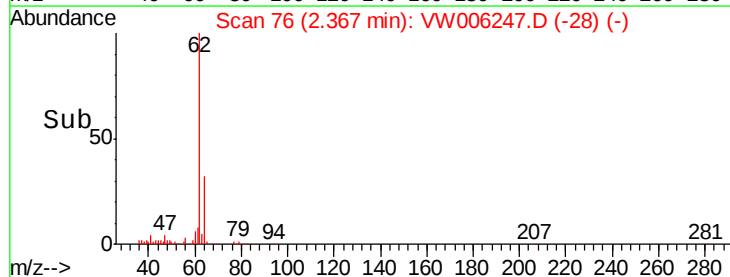
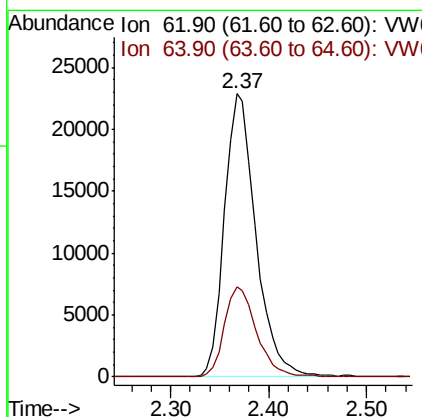
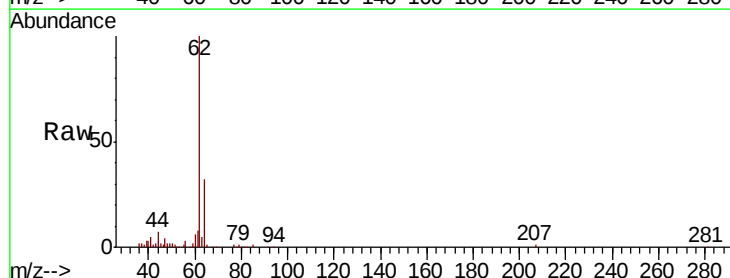
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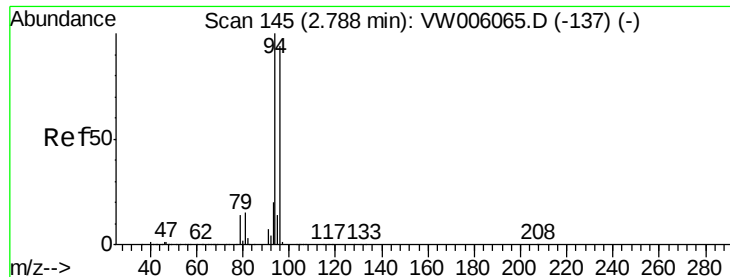
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#4
Vinyl Chloride
Concen: 18.065 ug/l
RT: 2.37 min Scan# 76
Delta R.T. -0.01 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	62	Resp	51047
Ion Ratio	100	Lower	Upper
62	100		
64	31.7	25.9	38.9





#5

Bromomethane

Concen: 16.769 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

Tot Ion: 94 Resp: 43098

Ion Ratio Lower Upper

94 100

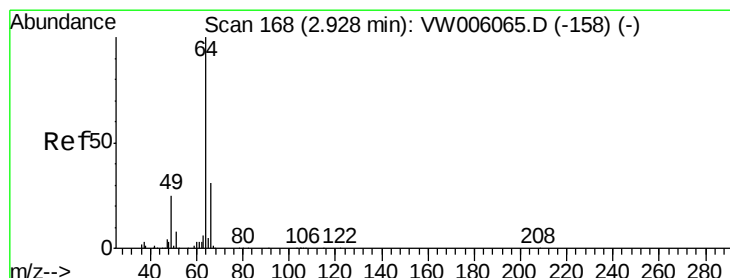
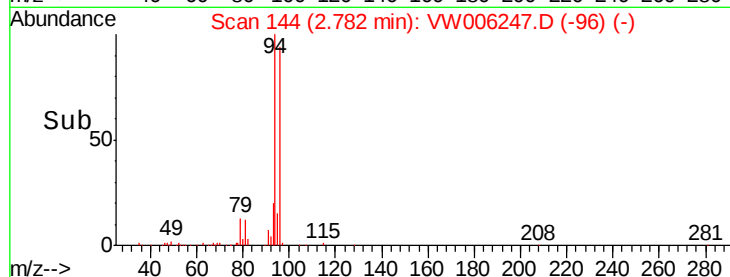
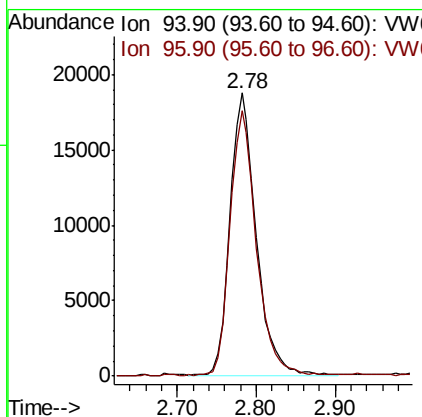
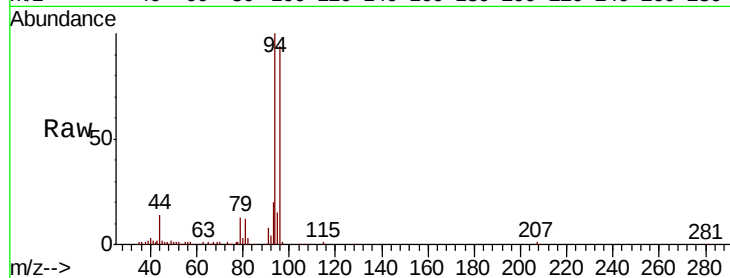
96 93.6 74.9 112.3

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#6

Chloroethane

Concen: 16.946 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006247.D

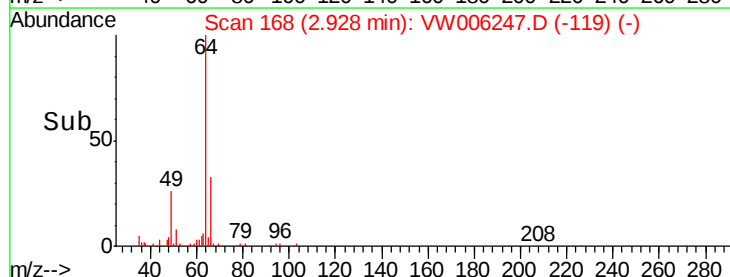
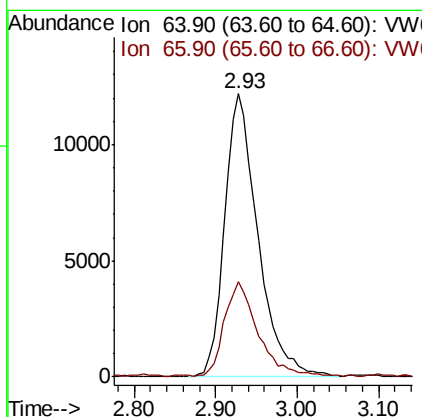
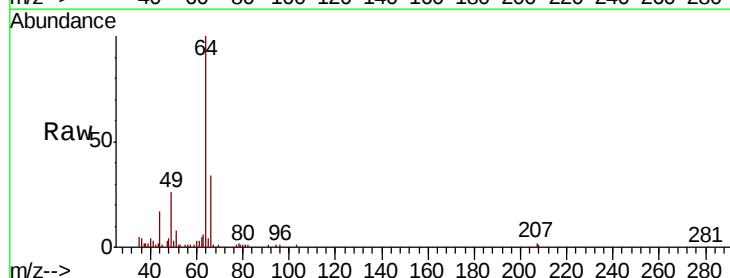
Acq: 22 Oct 2018 13:26

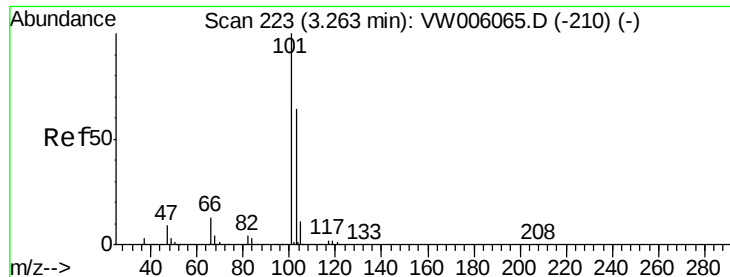
Tgt Ion: 64 Resp: 34316

Ion Ratio Lower Upper

64 100

66 33.0 24.9 37.3





#7

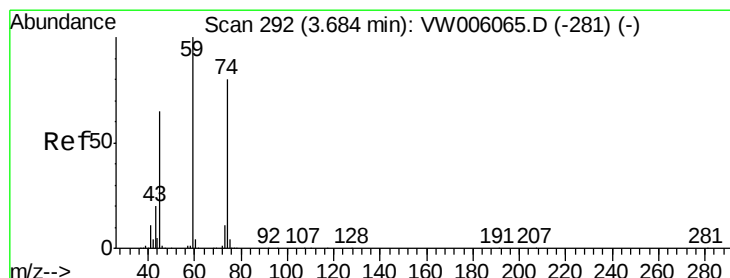
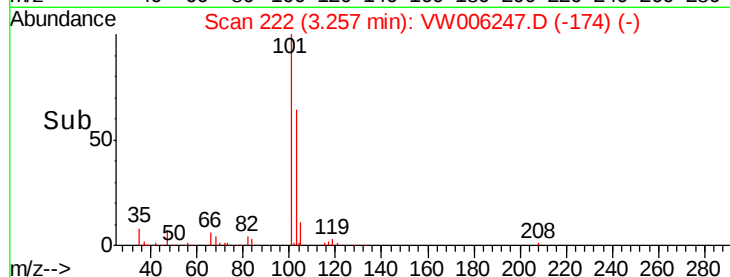
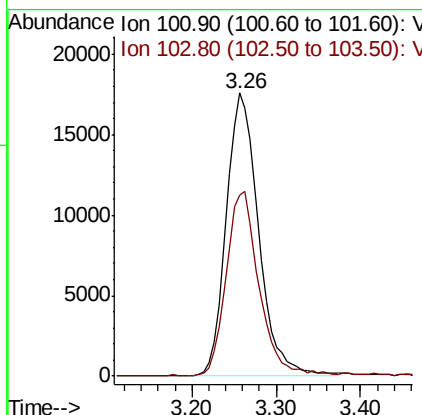
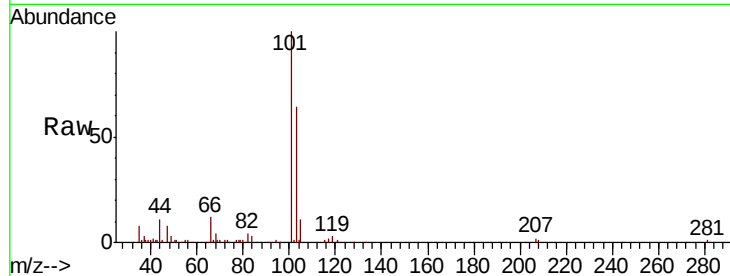
Trichlorofluoromethane
 Concen: 17.532 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006247.D
 Acq: 22 Oct 2018 13:26

Instrument :
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 VW1022SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		46151		
103	63.9	51.2	76.8		

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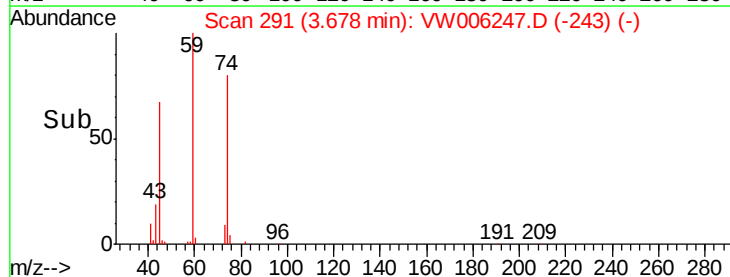
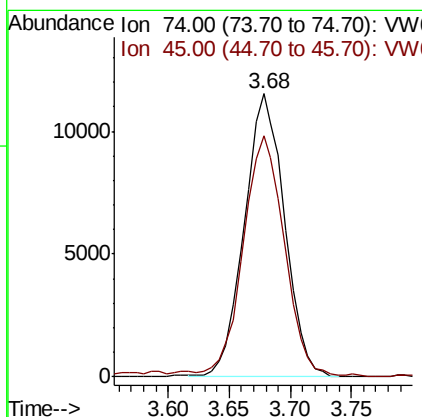
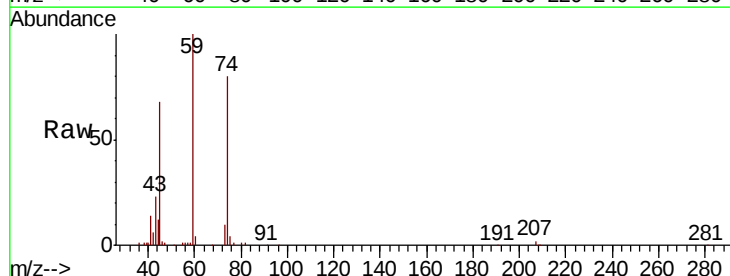
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#8

Diethyl Ether
 Concen: 18.826 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006247.D
 Acq: 22 Oct 2018 13:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		26337		
45	85.9	42.8	128.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.533 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

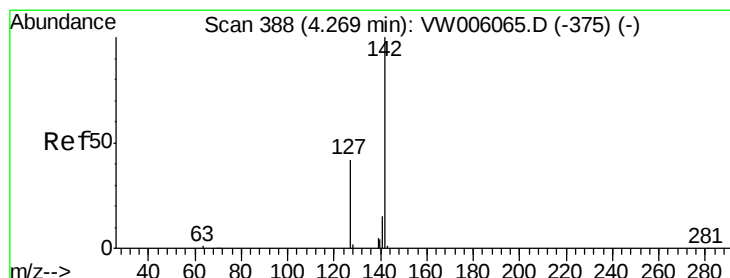
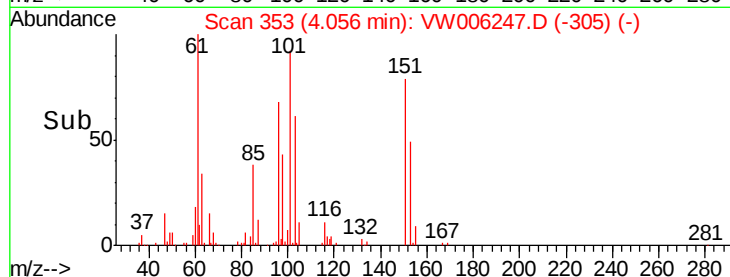
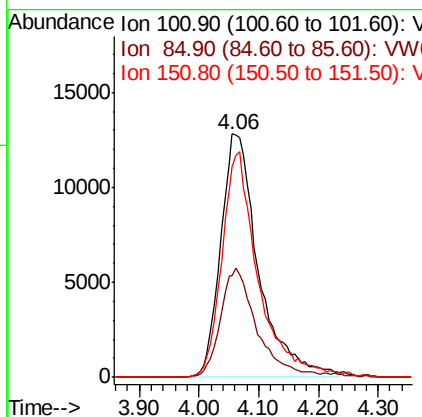
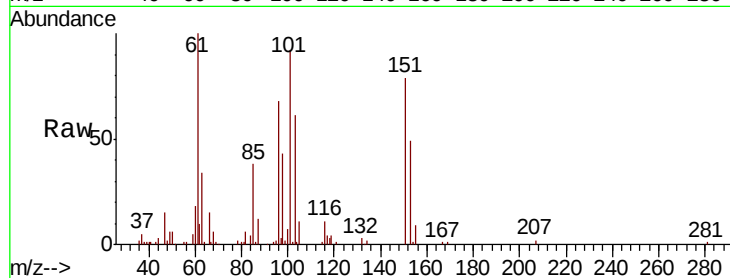
ClientSampleId :

VW1022SBSD01

Tot Ion:	101	Resp:	56644
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.9	52.3
151	89.2	70.4	105.6

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#10

Methyl Iodide

Concen: 20.296 ug/l

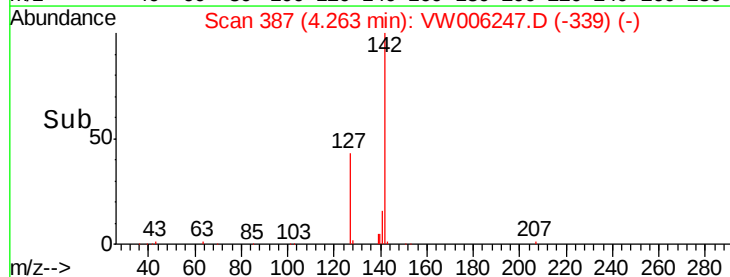
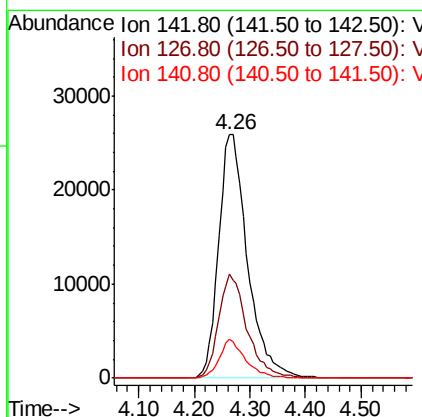
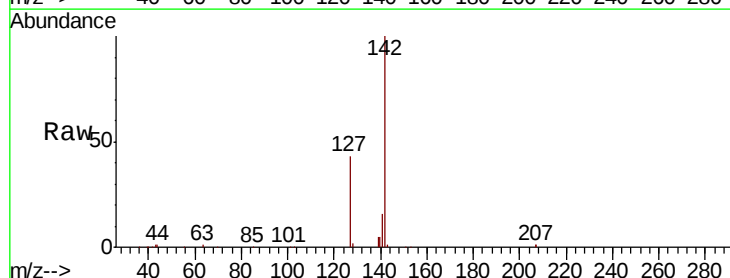
RT: 4.26 min Scan# 387

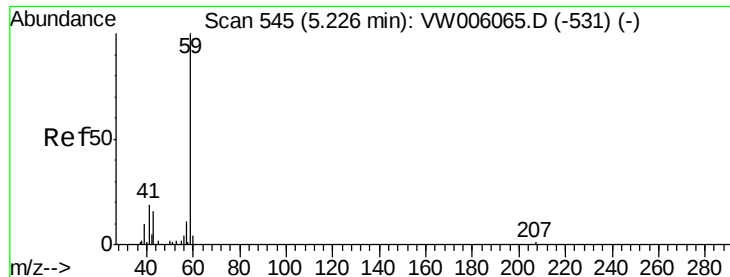
Delta R.T. -0.01 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Tgt Ion:	142	Resp:	93189
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.6	50.4
141	14.4	11.6	17.4





#11

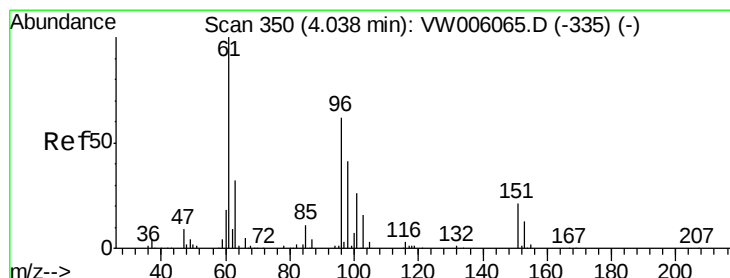
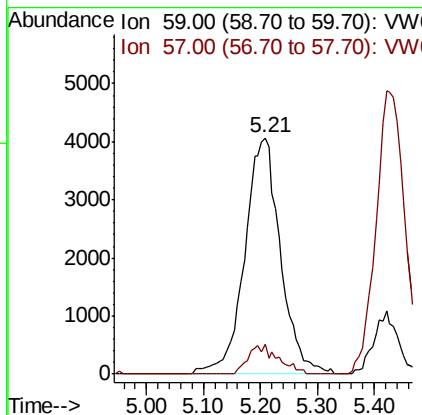
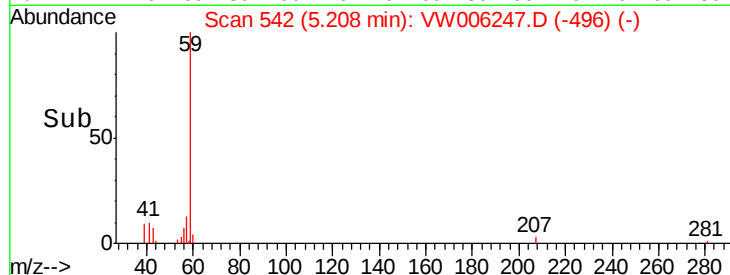
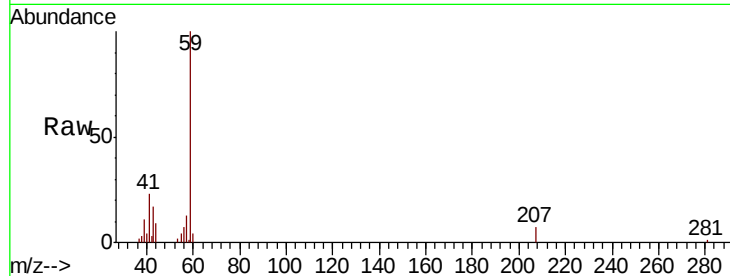
Tert butyl alcohol
 Concen: 102.611 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. -0.02 min
 Lab File: VW006247.D
 Acq: 22 Oct 2018 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.7	13.1

Manual Integrations
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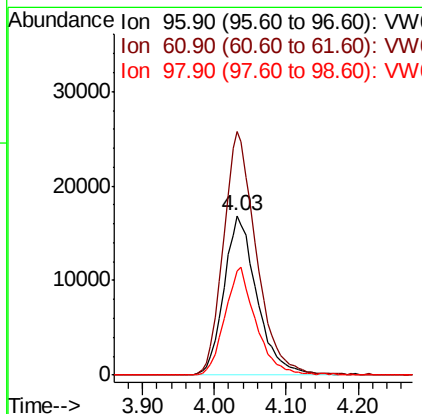
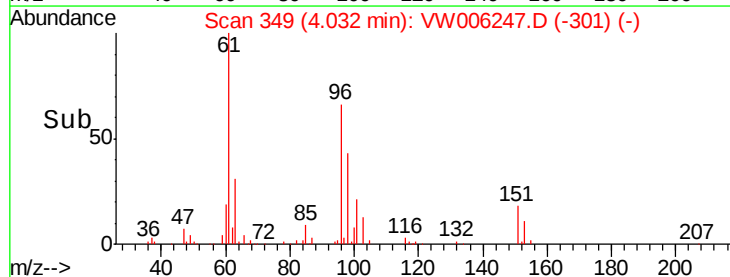
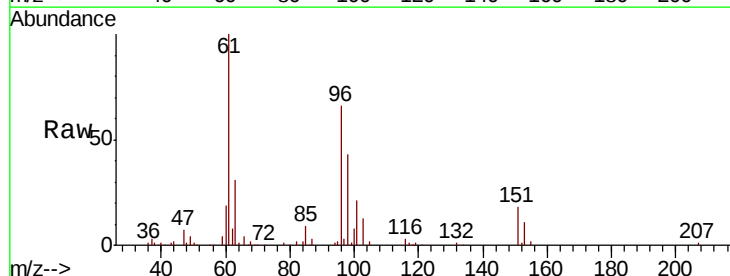
sam
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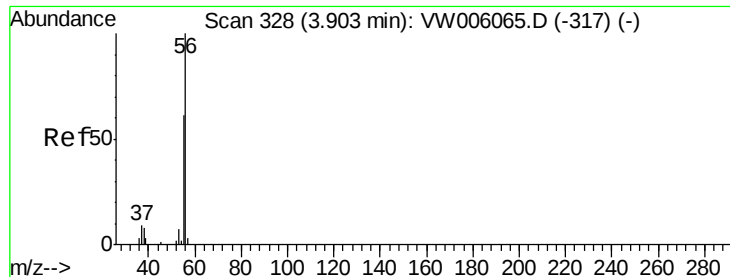


#12

1,1-Dichloroethene
 Concen: 20.645 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006247.D
 Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.5	129.3	193.9
98	64.9	53.1	79.7





#13

Acrolein

Concen: 94.635 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBSD01

Tot Ion: 56 Resp: 15860

Ion Ratio Lower Upper

56 100

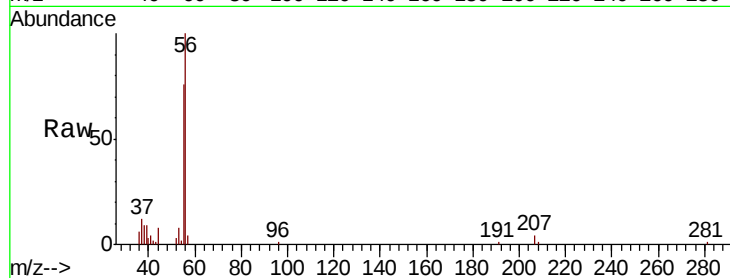
55 73.7 54.5 81.7

Manual Integrations

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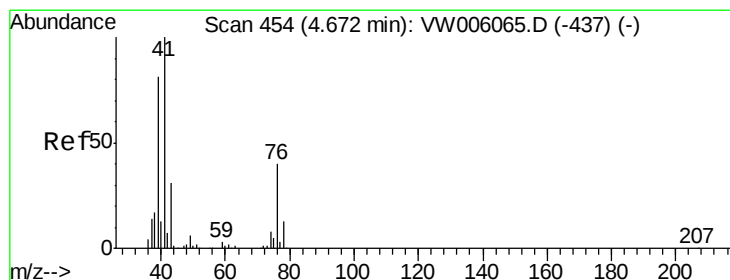
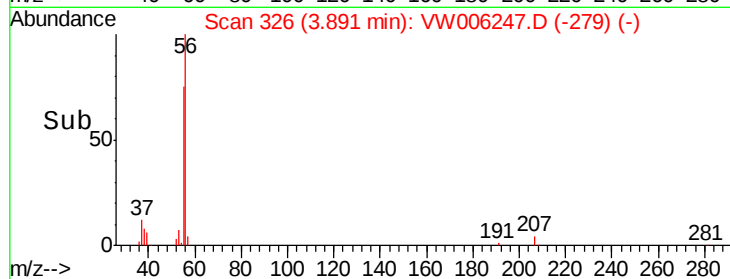
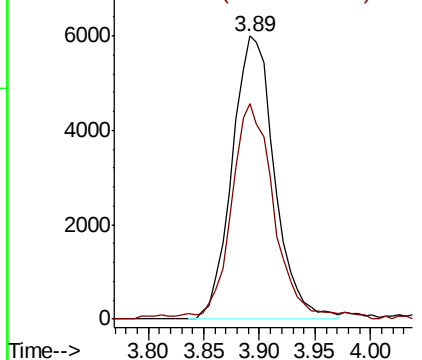
sam

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.879 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

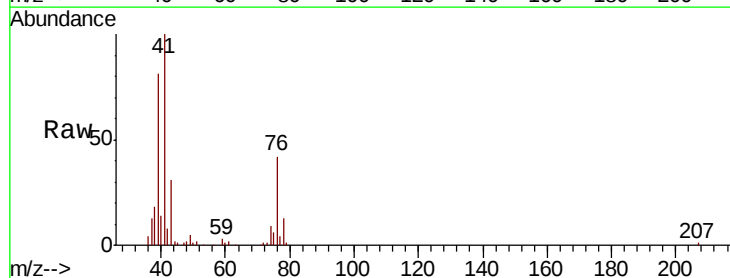
Tgt Ion: 41 Resp: 73772

Ion Ratio Lower Upper

41 100

39 77.4 64.1 96.1

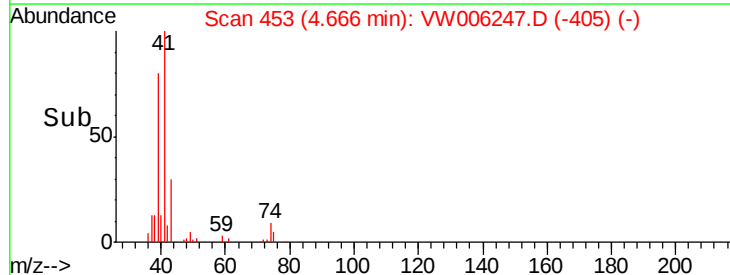
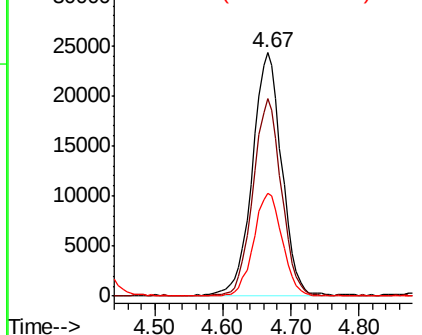
76 40.8 32.2 48.4



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 103.242 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

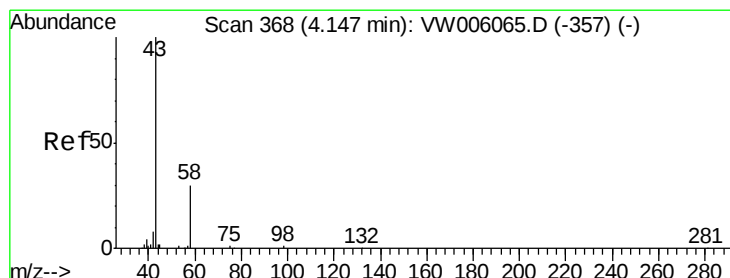
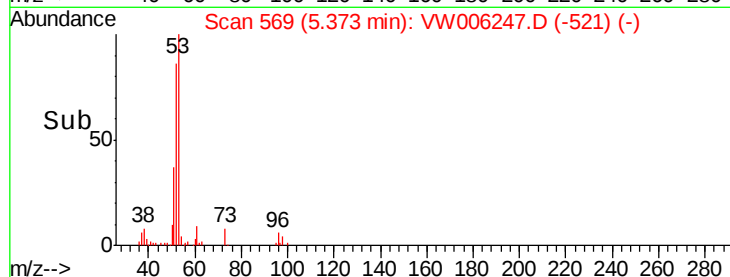
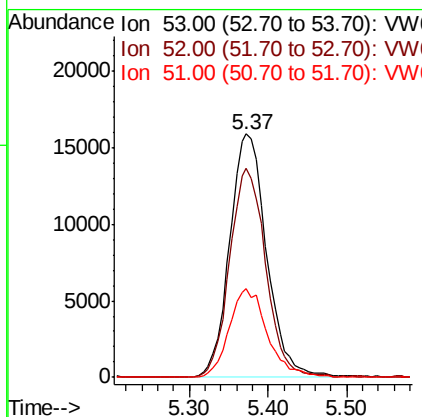
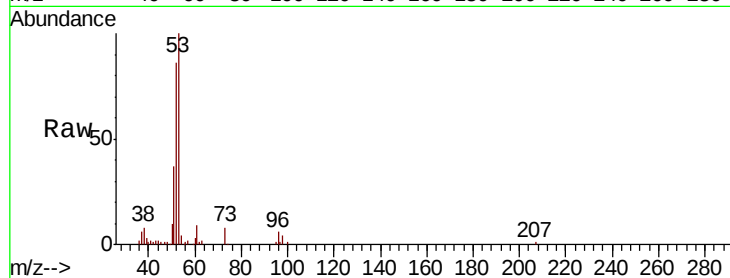
ClientSampleId :

VW1022SBS01

Tot Ion:	53	Resp:	51805
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.9	100.3
51	37.7	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 128.061 ug/l

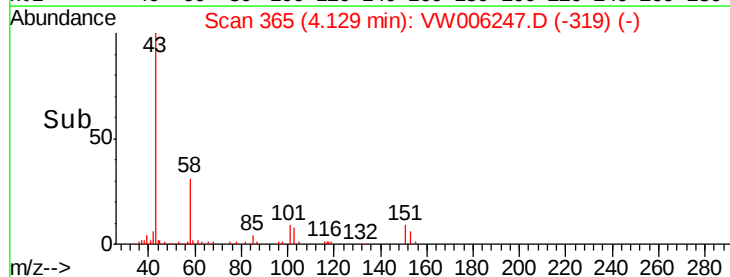
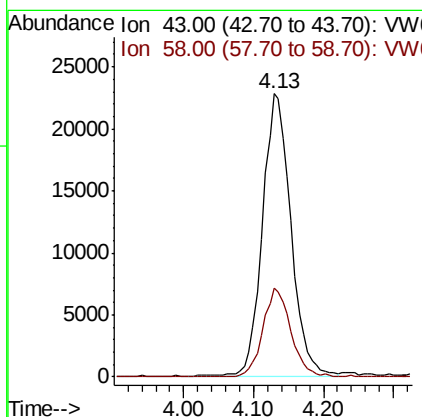
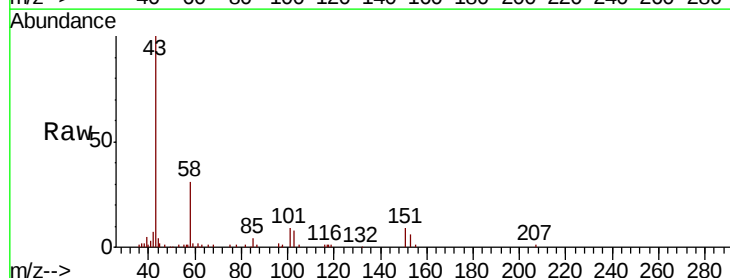
RT: 4.13 min Scan# 365

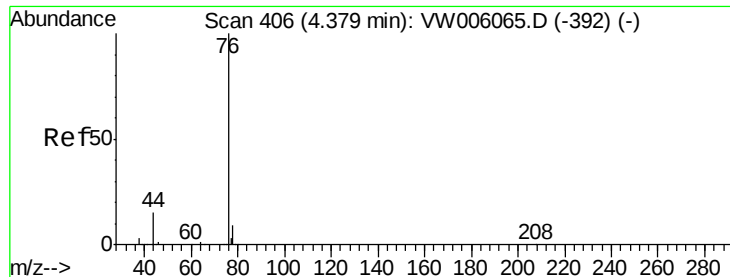
Delta R.T. -0.02 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Tgt Ion:	43	Resp:	65359
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.0	36.0





#17

Carbon Disulfide

Concen: 18.254 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBSD01

Tot Ion: 76 Resp: 142983

Ion Ratio Lower Upper

76 100

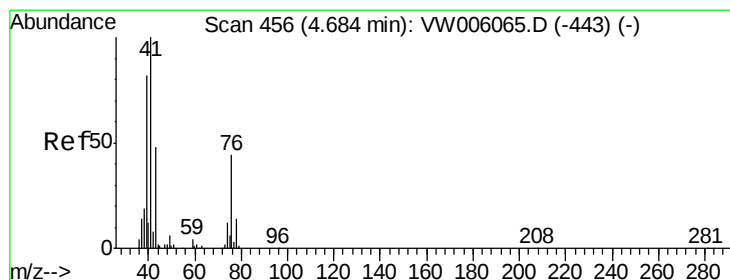
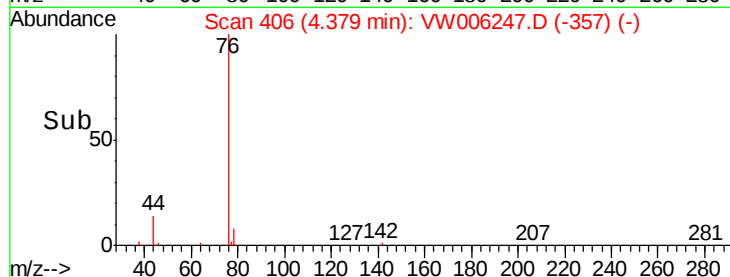
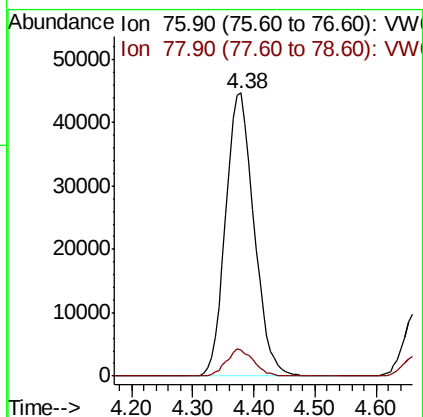
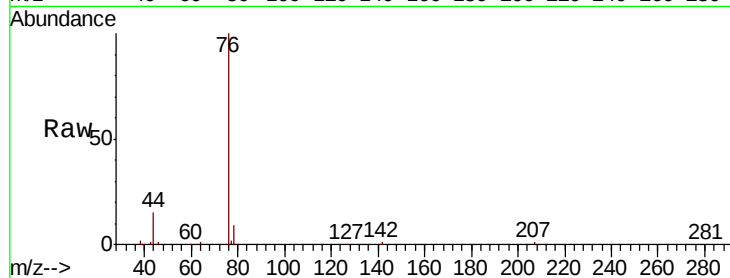
78 9.0 7.5 11.3

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#18

Methyl Acetate

Concen: 19.813 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006247.D

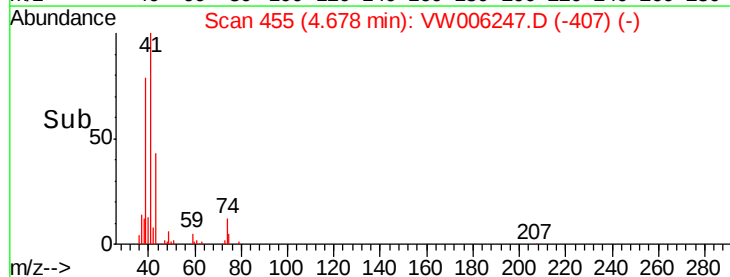
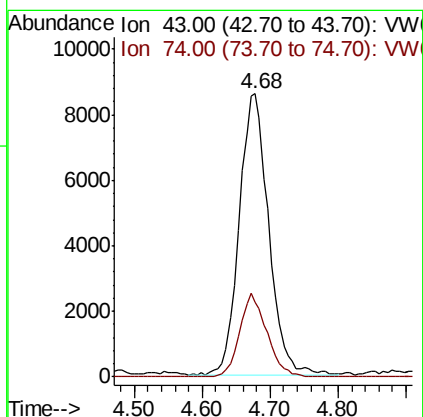
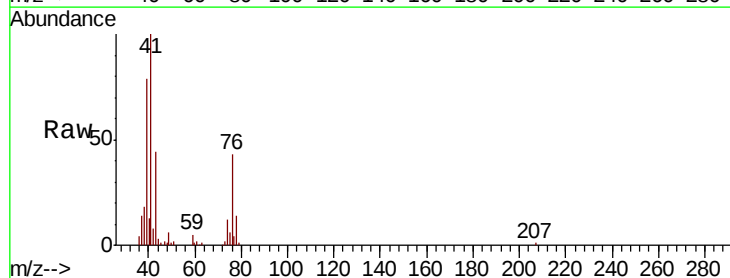
Acq: 22 Oct 2018 13:26

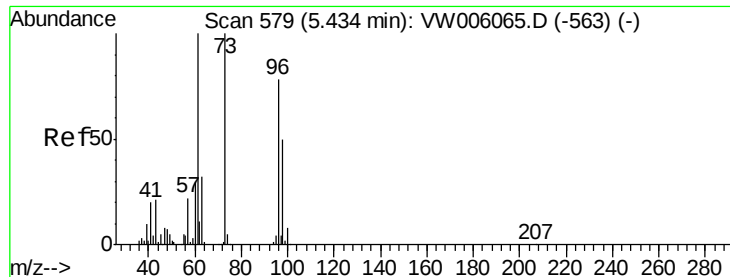
Tgt Ion: 43 Resp: 25677

Ion Ratio Lower Upper

43 100

74 27.5 20.5 30.7





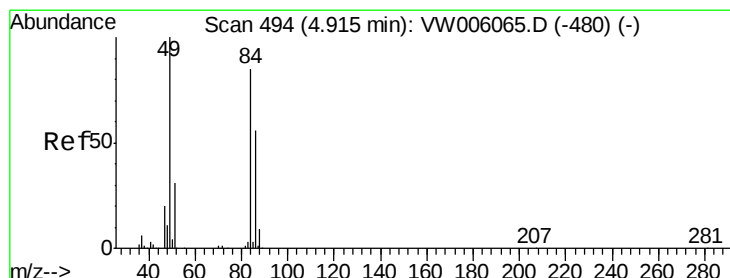
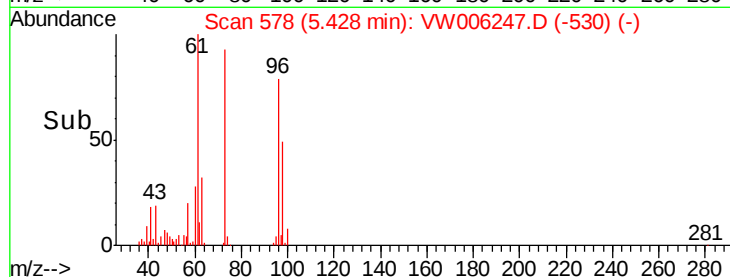
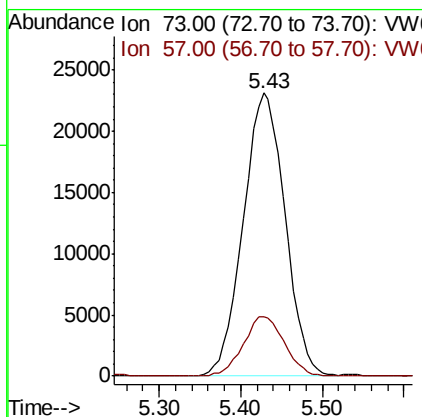
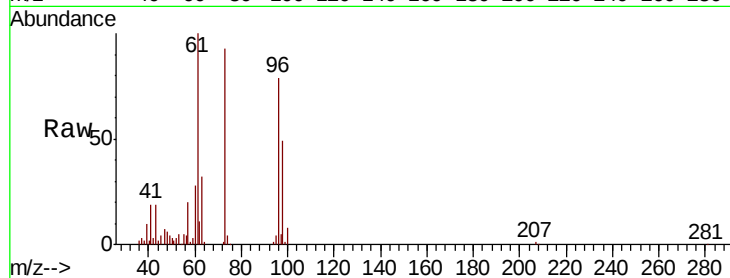
#19
Methvl tert-butvl Ether
Concen: 20.828 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.2

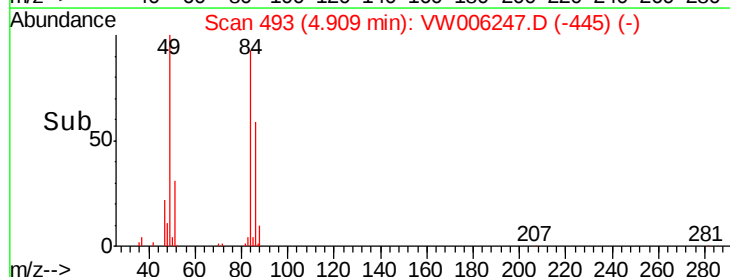
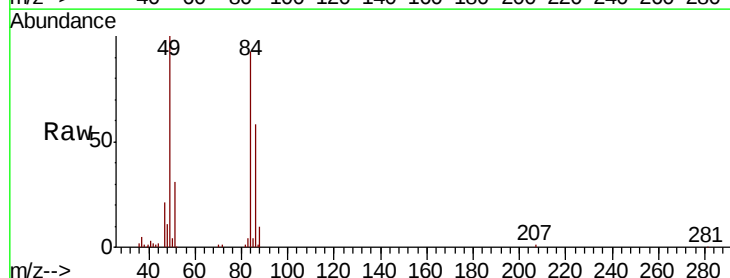
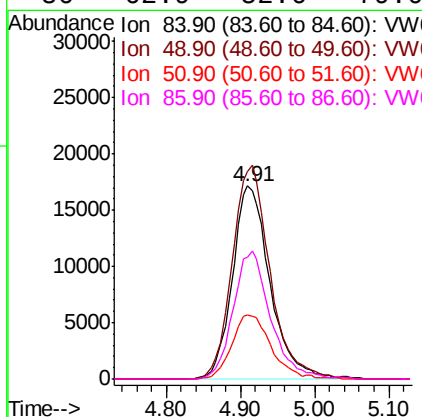
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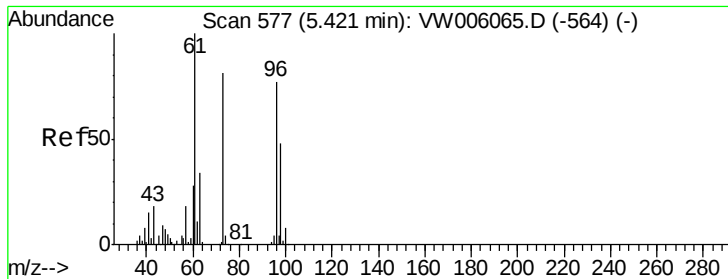
sam
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#20
Methylene Chloride
Concen: 21.256 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.6	93.6	140.4
51	33.0	29.0	43.4
86	62.9	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 20.920 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

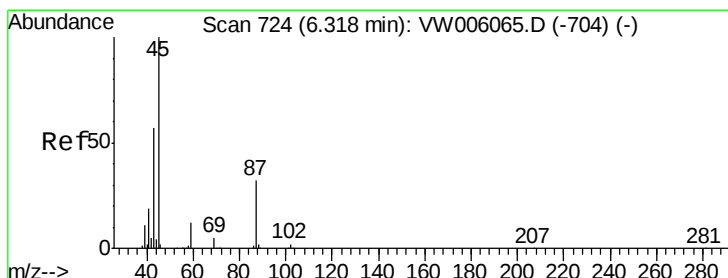
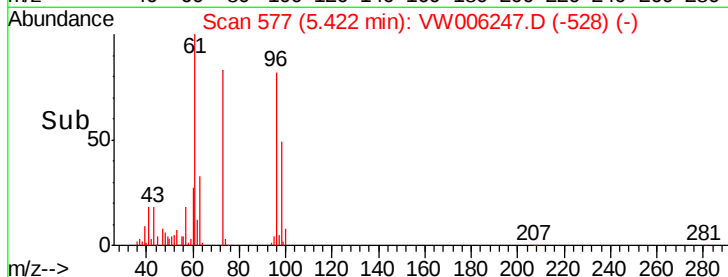
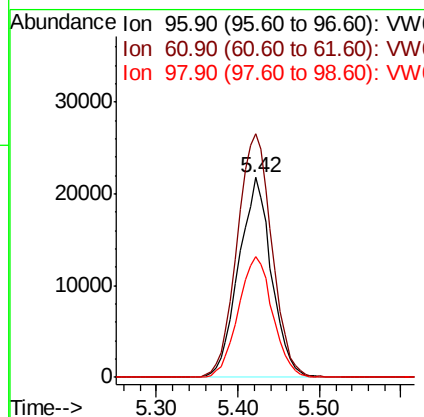
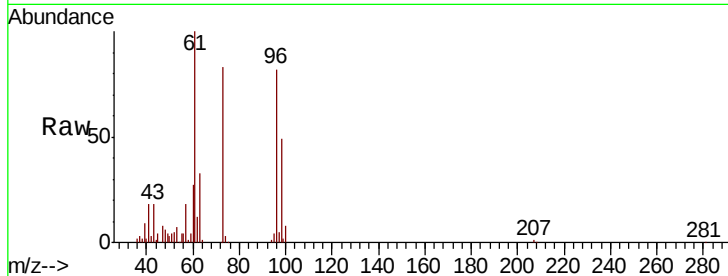
ClientSampleId :

VW1022SBSD01

Tot Ion:	96	Resp:	60605
Ion	Ratio	Lower	Upper
96	100		
61	121.9	104.5	156.7
98	60.3	50.6	75.8

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#22

Diisopropyl ether

Concen: 20.339 ug/l

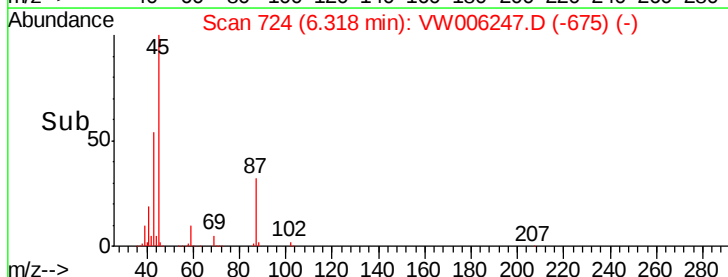
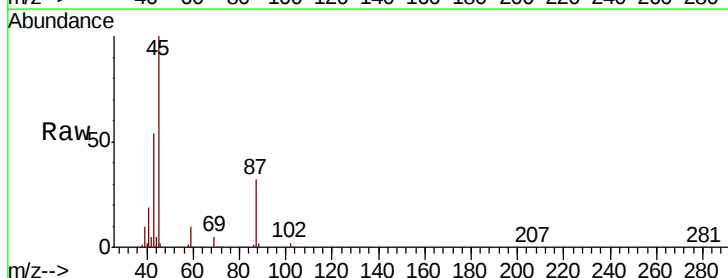
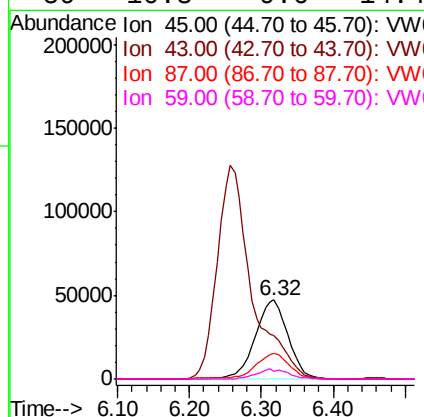
RT: 6.32 min Scan# 724

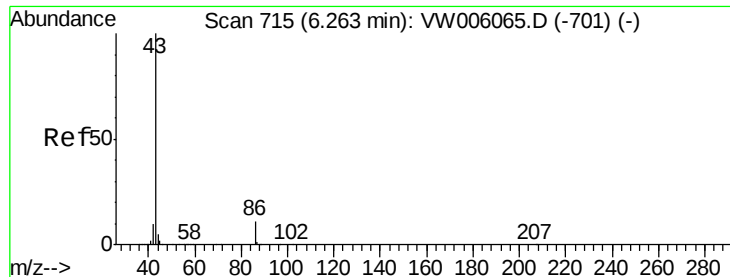
Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Tgt Ion:	45	Resp:	149157
Ion	Ratio	Lower	Upper
45	100		
43	53.5	45.7	68.5
87	31.8	25.9	38.9
59	10.3	9.6	14.4





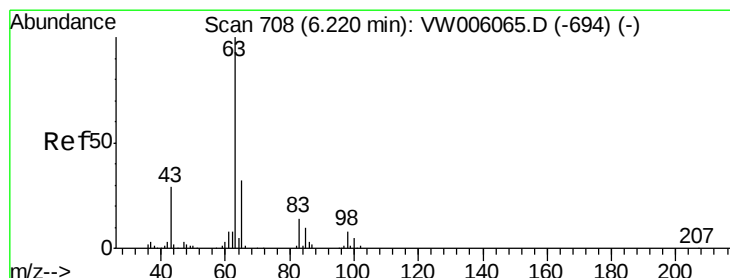
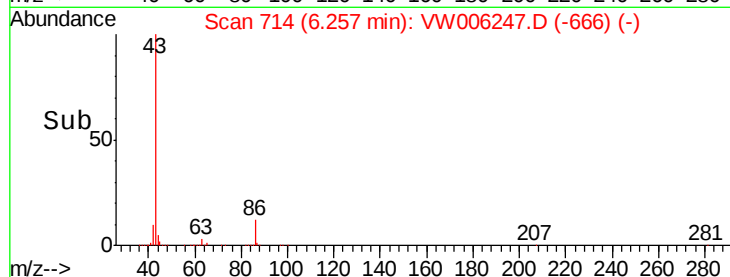
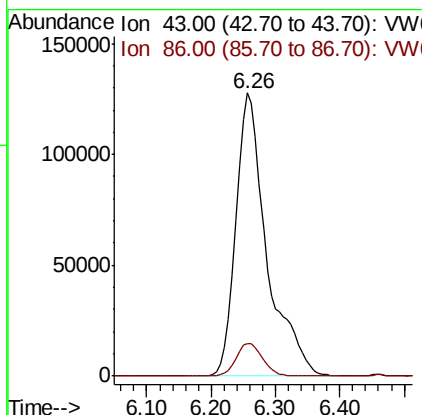
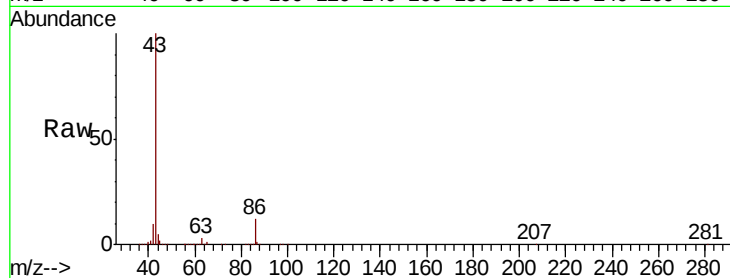
#23
 Vinyl Acetate
 Concen: 98.617 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW006247.D
 Acq: 22 Oct 2018 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.6	9.0	13.6

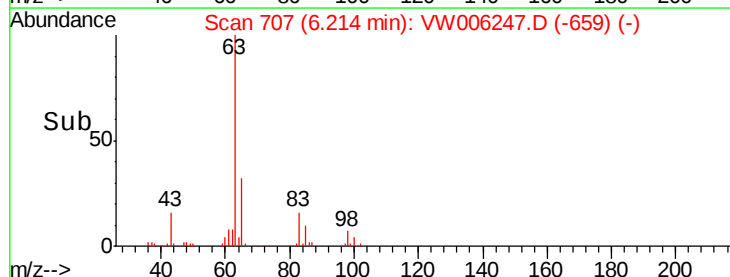
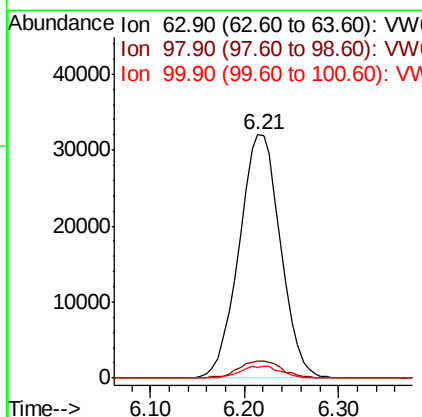
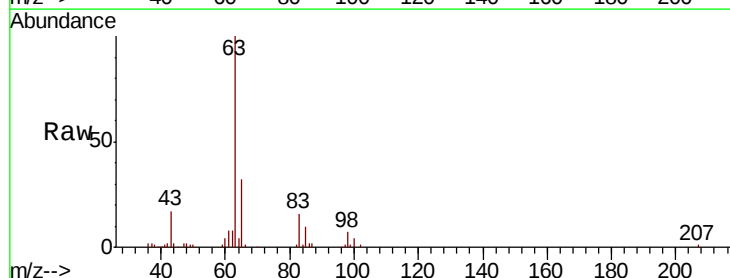
Manual Integrations
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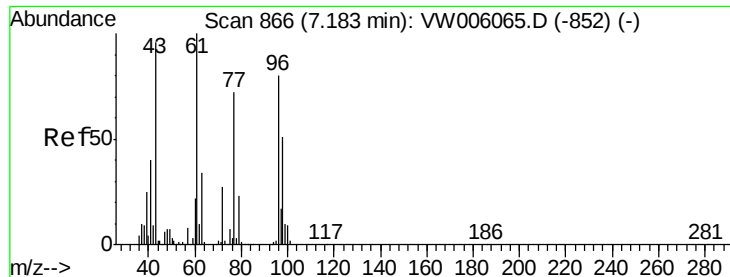
sam
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#24
 1,1-Dichloroethane
 Concen: 20.814 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW006247.D
 Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.8	11.2
100	4.4	2.5	7.5





#25

2-Butanone

Concen: 112.541 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

Tot Ion: 43 Resp: 78295

Ion Ratio Lower Upper

43 100

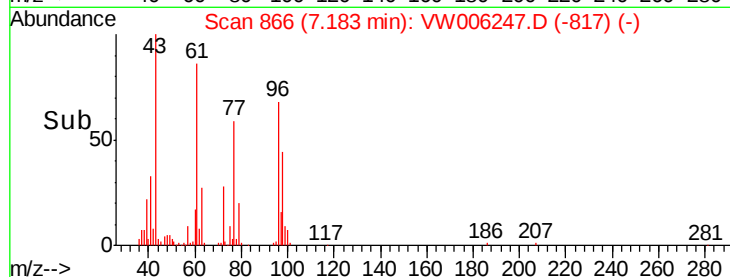
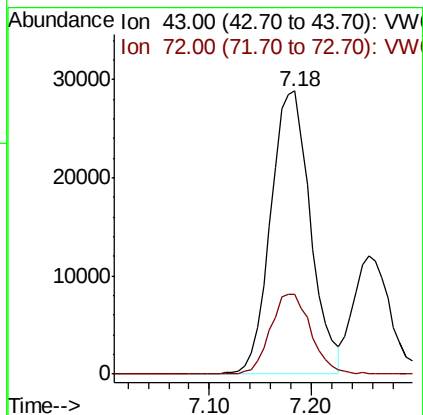
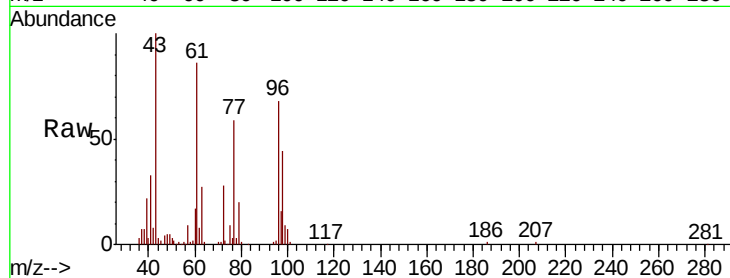
72 28.3 22.8 34.2

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 20.828 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006247.D

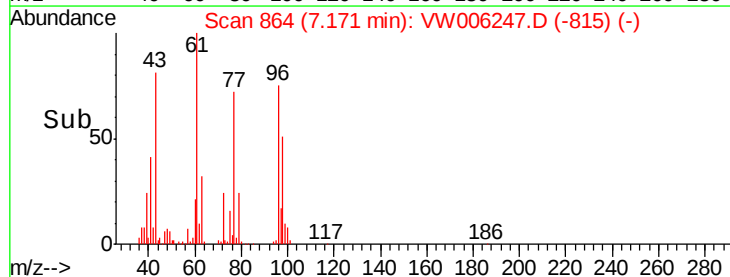
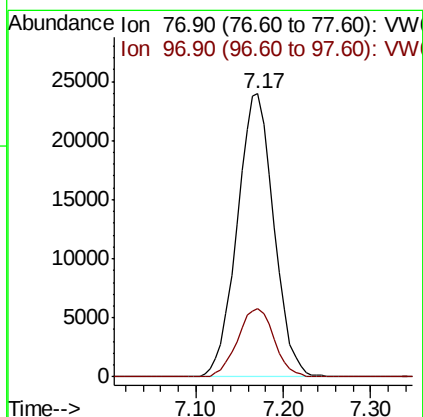
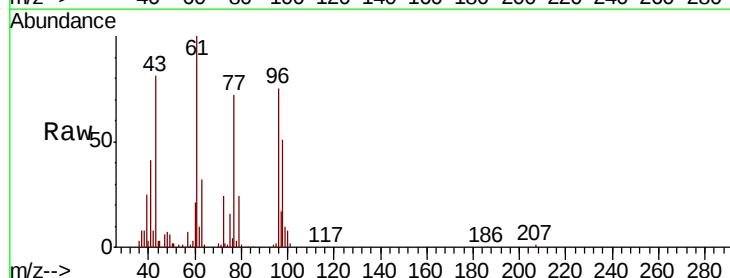
Acq: 22 Oct 2018 13:26

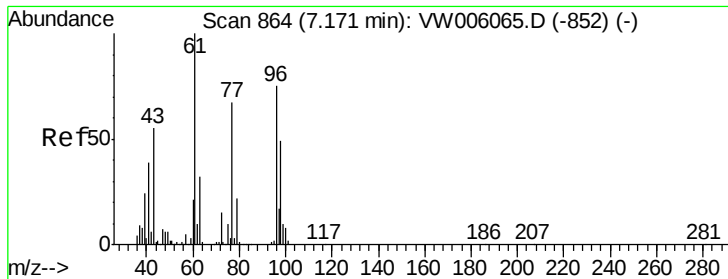
Tgt Ion: 77 Resp: 69511

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.4





#27

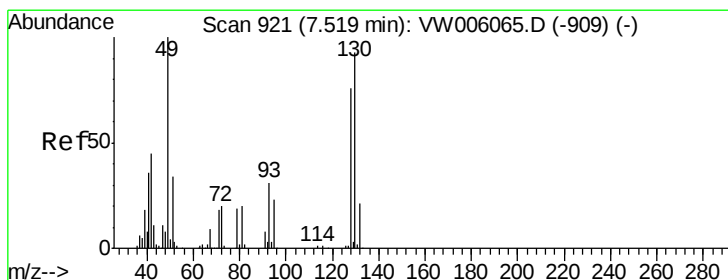
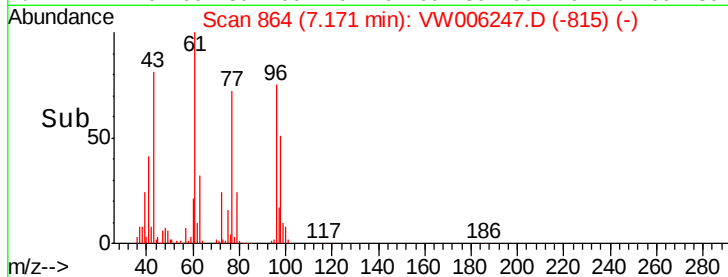
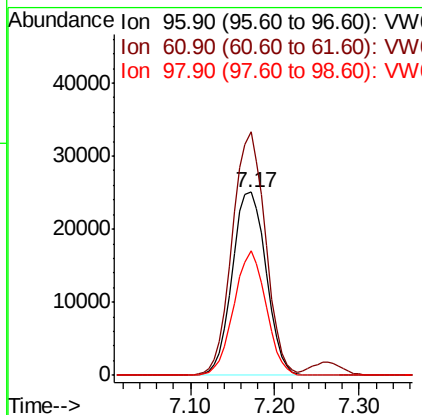
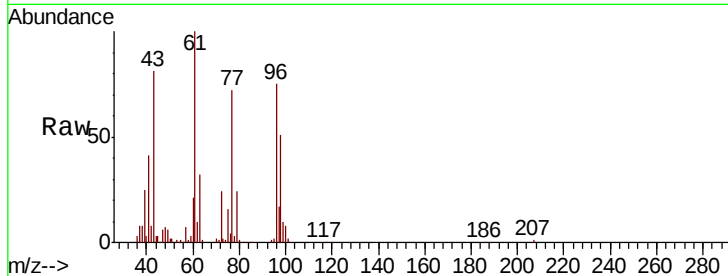
cis-1,2-Dichloroethene
 Concen: 21.375 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006247.D
 Acq: 22 Oct 2018 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	267.2
98	64.3	0.0	128.6

Manual Integrations
 APPROVED

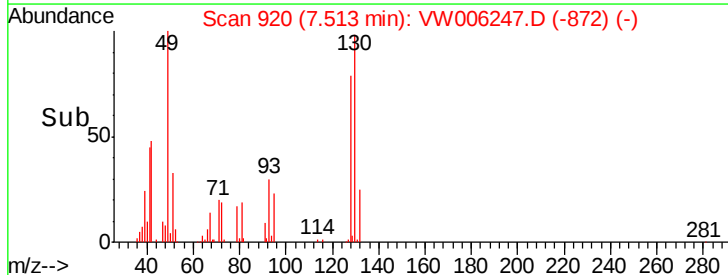
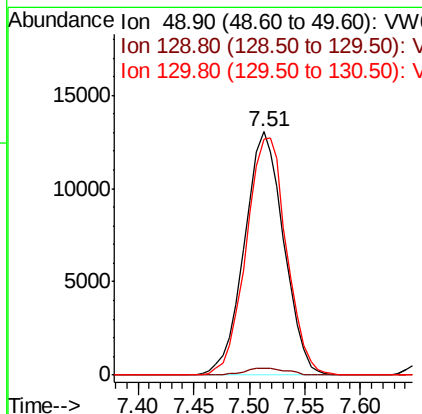
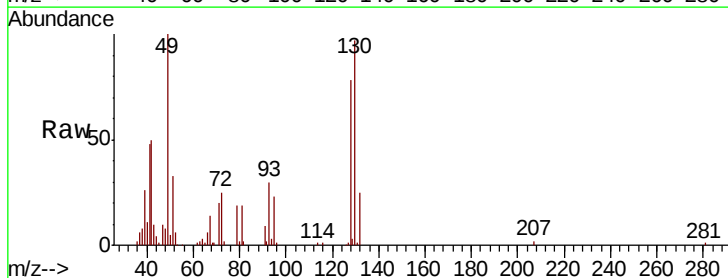
sam
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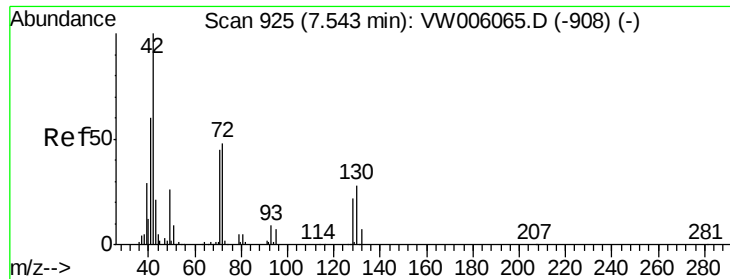


#28

Bromochloromethane
 Concen: 17.589 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006247.D
 Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	99.8	73.8	110.8





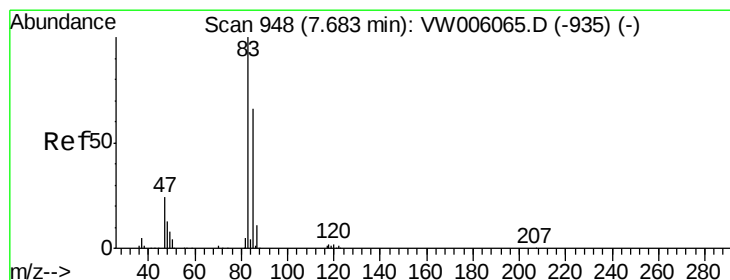
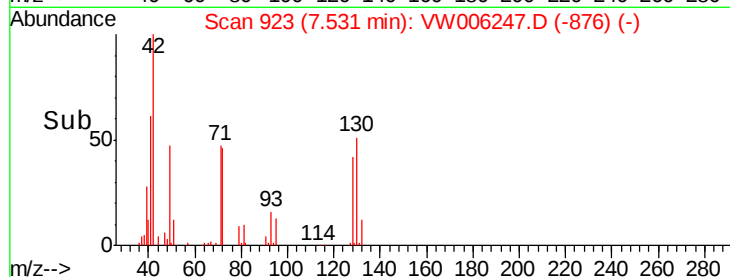
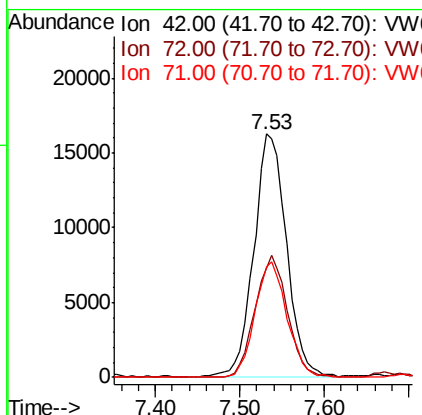
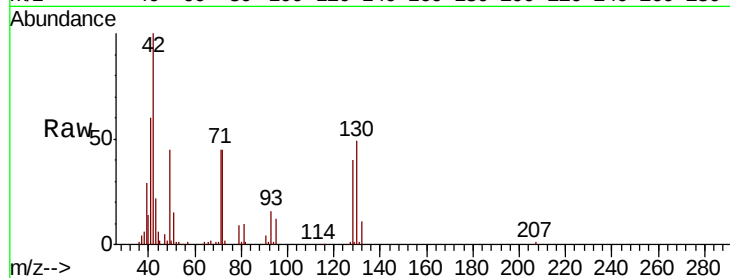
#29
Tetrahydrofuran
Concen: 101.501 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.4	38.0	57.0
71	46.1	35.3	52.9

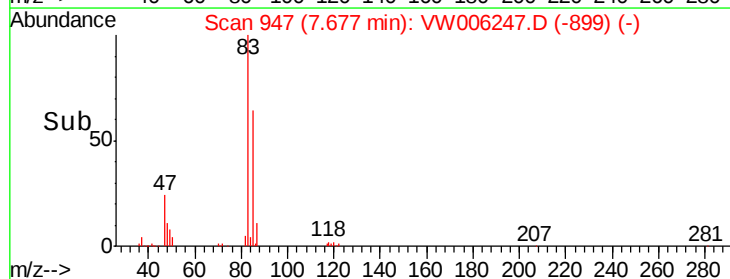
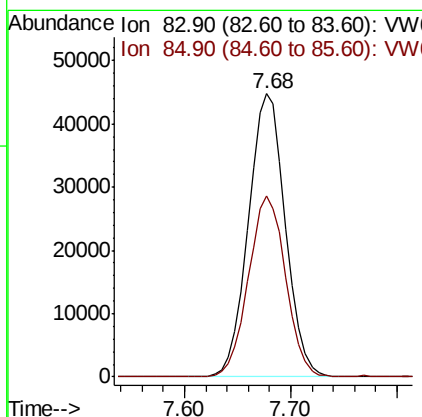
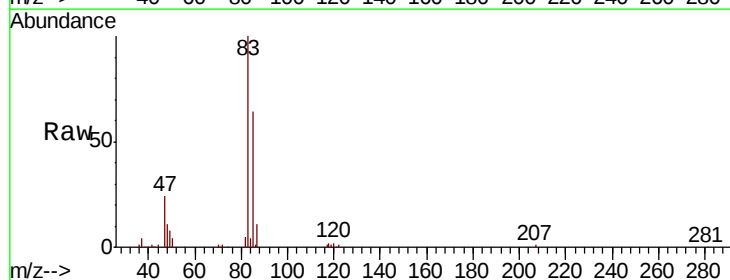
Manual Integrations
APPROVED

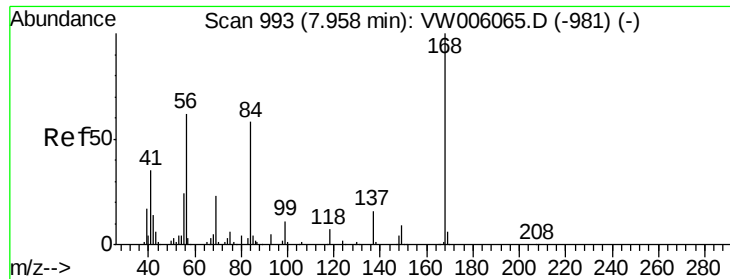
sam
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#30
Chloroform
Concen: 21.081 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.6	79.0





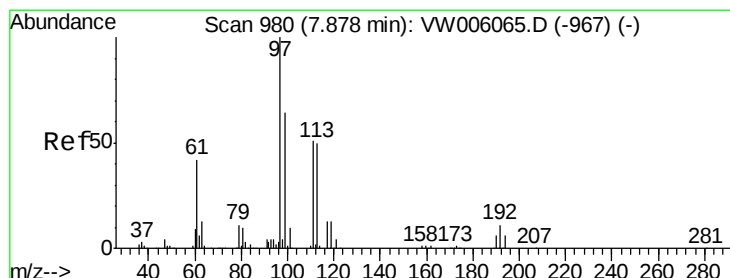
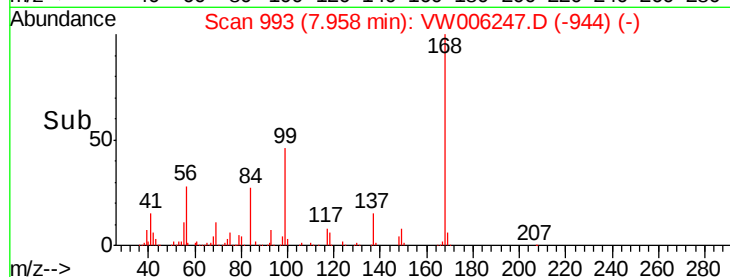
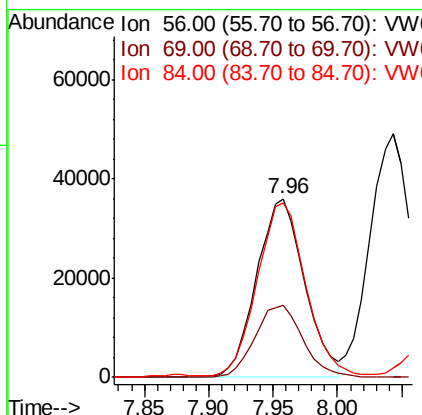
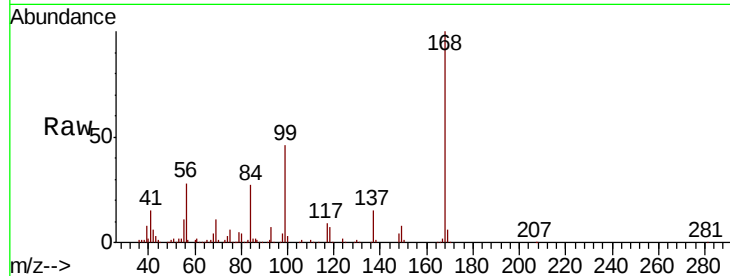
#31
Cyclohexane
Concen: 19.726 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.7	29.4	44.0
84	96.6	74.0	111.0

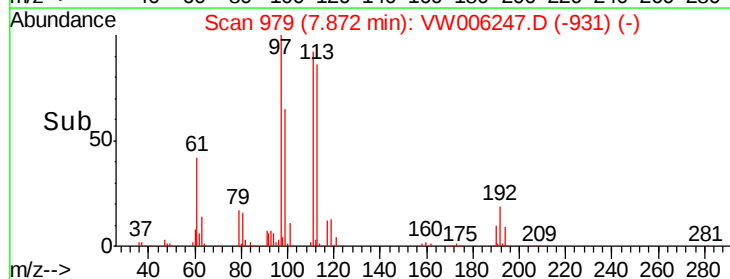
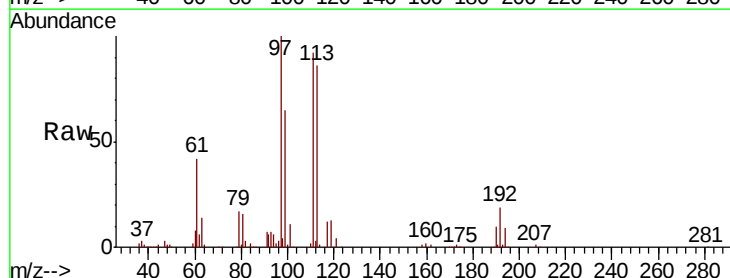
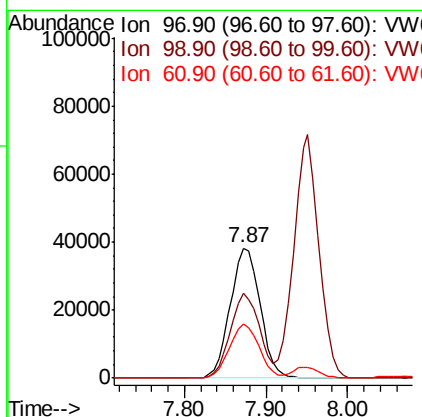
Manual Integrations
APPROVED

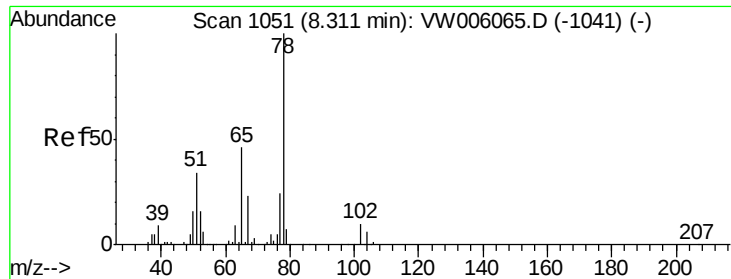
sam
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#32
1,1,1-Trichloroethane
Concen: 20.754 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.9	76.3
61	41.8	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 44.876 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBSD01

Tot Ion: 65 Resp: 115566

Ion Ratio Lower Upper

65 100

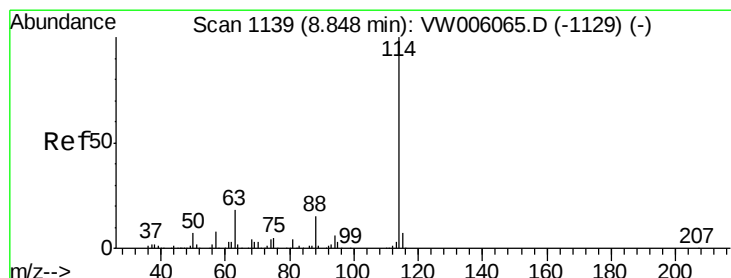
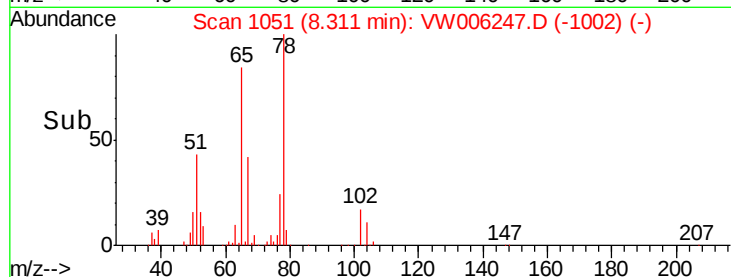
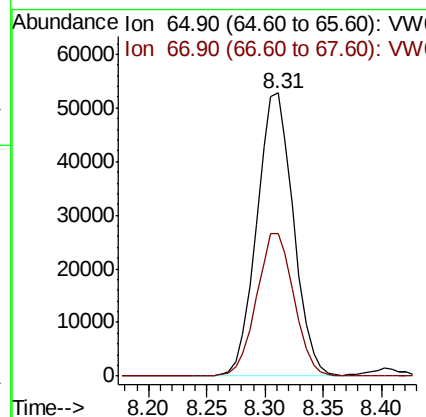
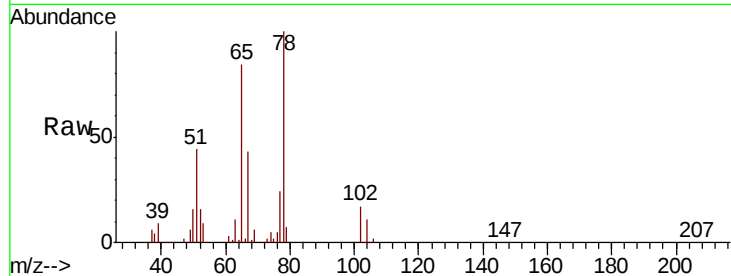
67 51.5 0.0 101.0

Manual Integrations

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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: VW006247.D

Acq: 22 Oct 2018 13:26

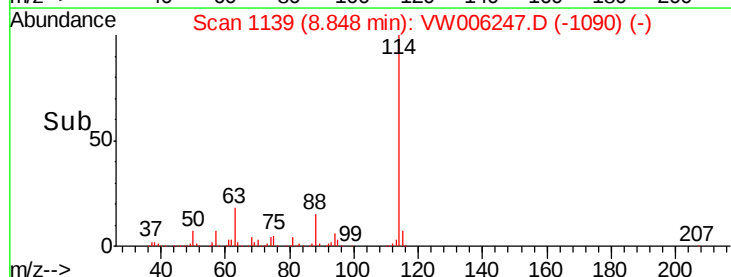
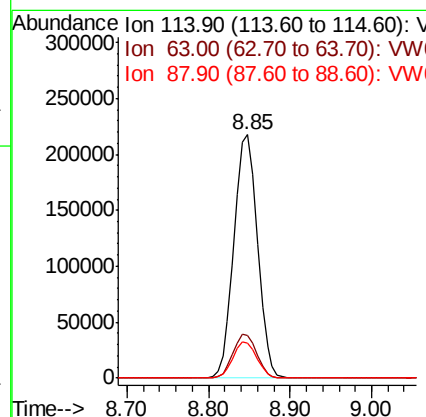
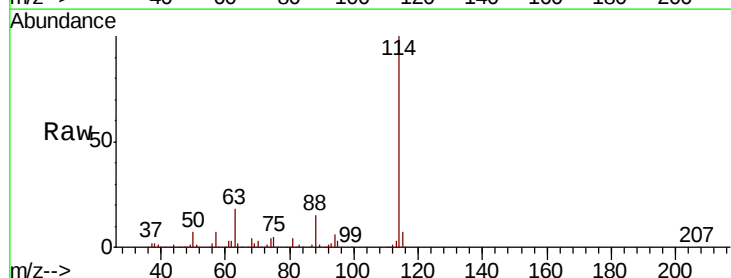
Tgt Ion: 114 Resp: 432577

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.8

88 14.5 0.0 29.0





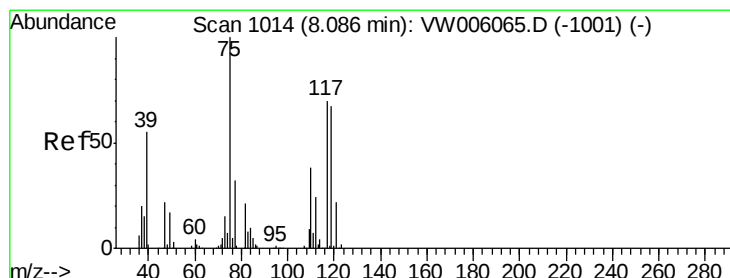
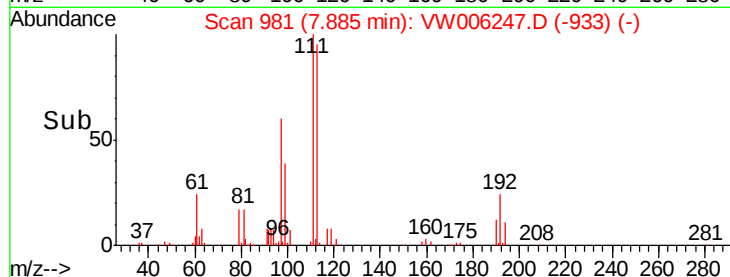
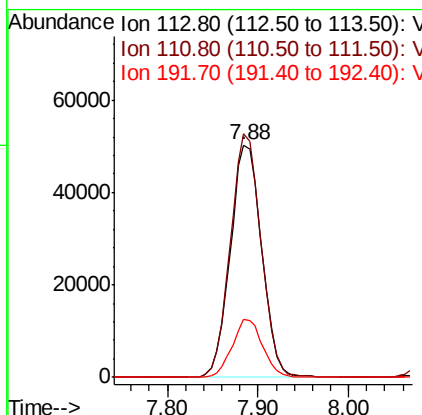
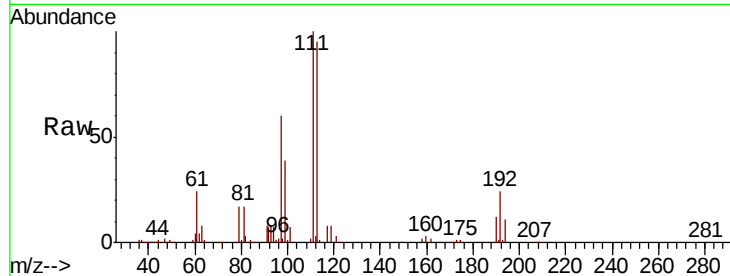
#35
Dibromofluoromethane
Concen: 47.297 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	120895		
111	102.6	81.4	122.0	
192	24.1	18.7	28.1	

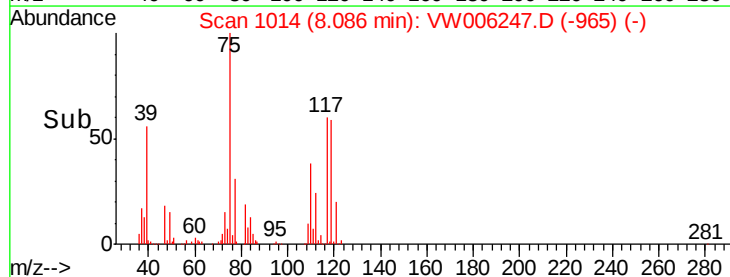
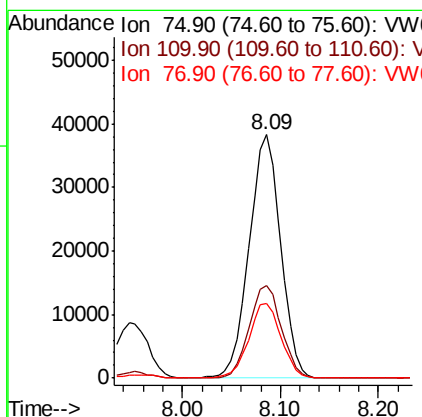
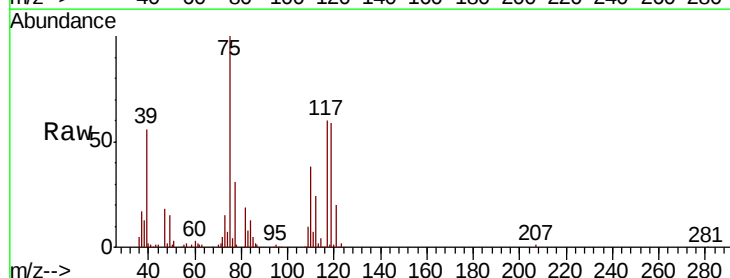
Manual Integrations
APPROVED

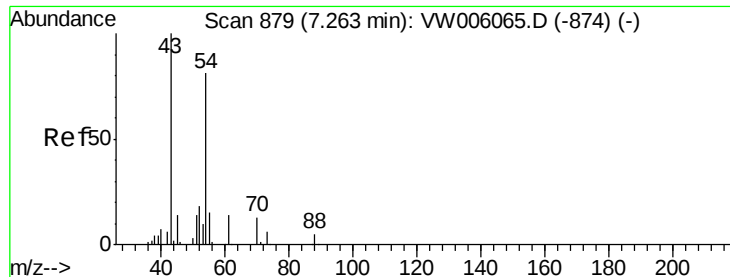
sam
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#36
1,1-Dichloropropene
Concen: 21.485 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	85664		
110	38.6	19.1	57.1	
77	31.4	25.0	37.4	





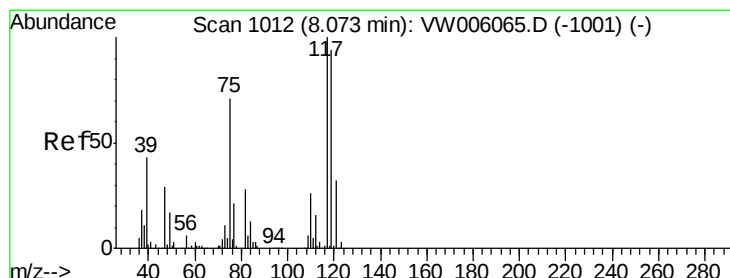
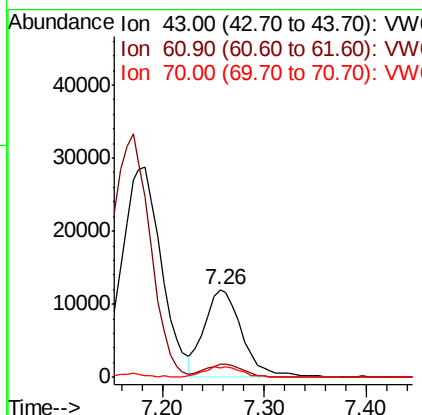
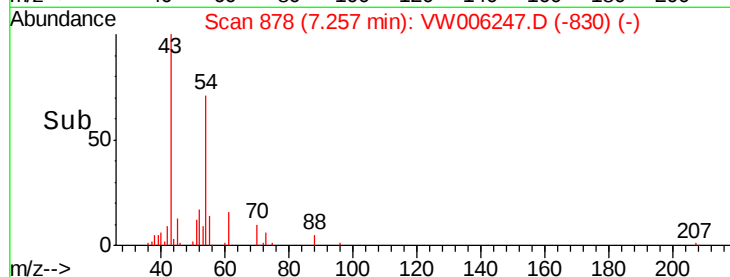
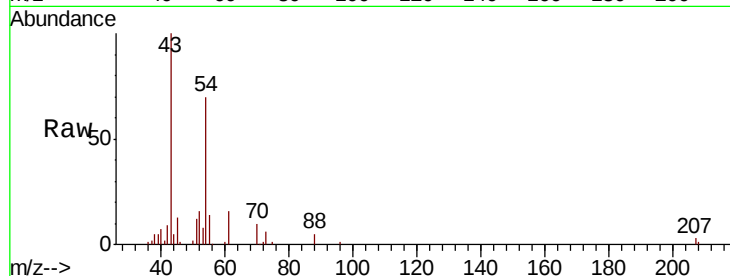
#37
Ethyl Acetate
Concen: 20.710 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.5	17.3
70	12.2	9.2	13.8

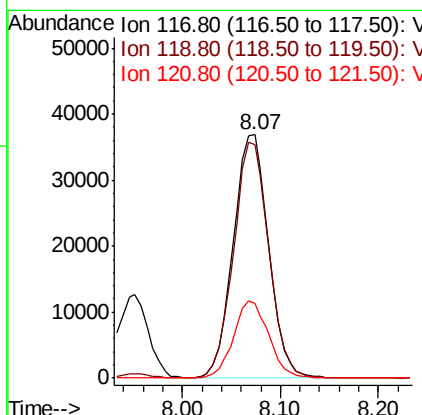
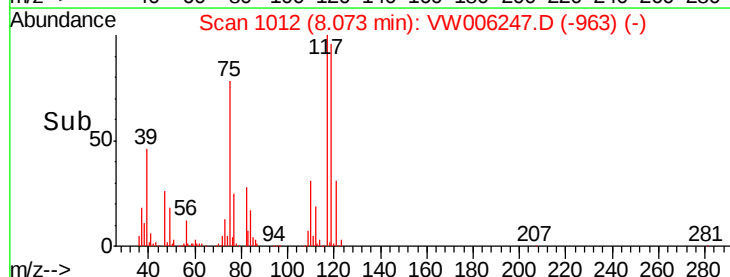
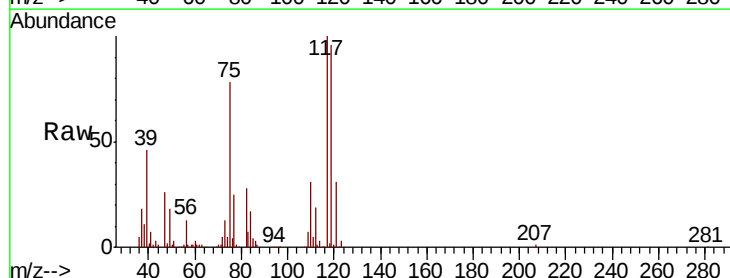
Manual Integrations
APPROVED

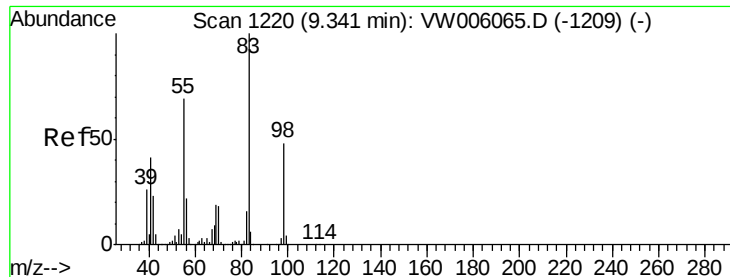
sam
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#38
Carbon Tetrachloride
Concen: 21.170 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.2	112.8
121	30.8	25.3	37.9





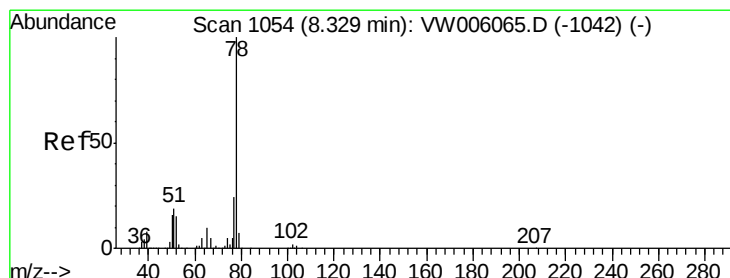
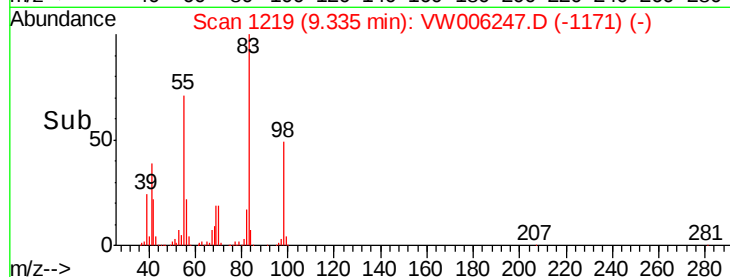
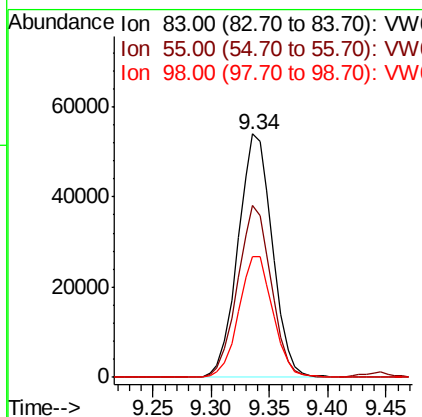
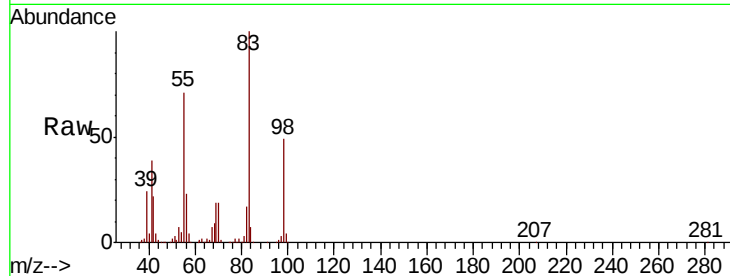
#39
Methvlcvclohexane
Concen: 20.904 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.7	55.0	82.6
98	49.3	38.6	57.8

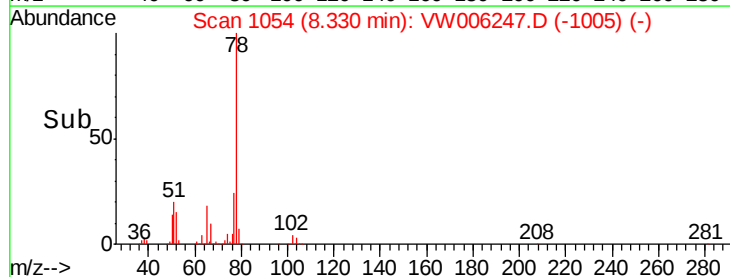
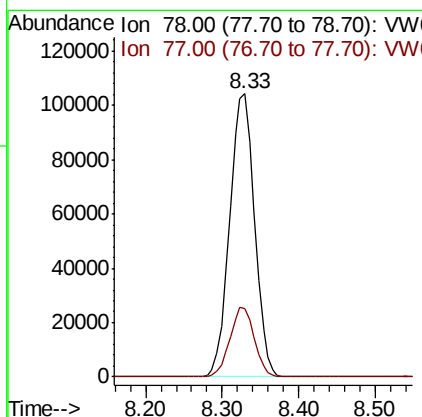
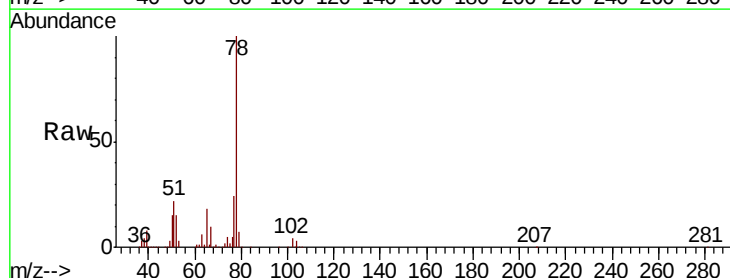
Manual Integrations
APPROVED

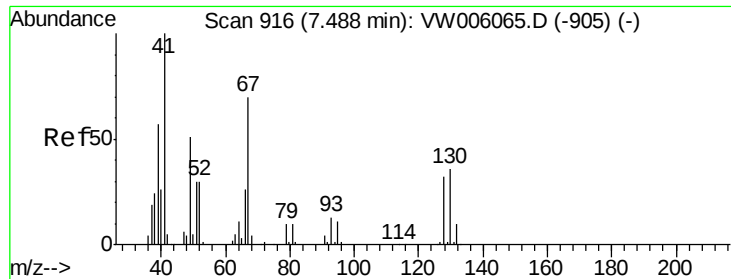
sam
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#40
Benzene
Concen: 21.429 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0





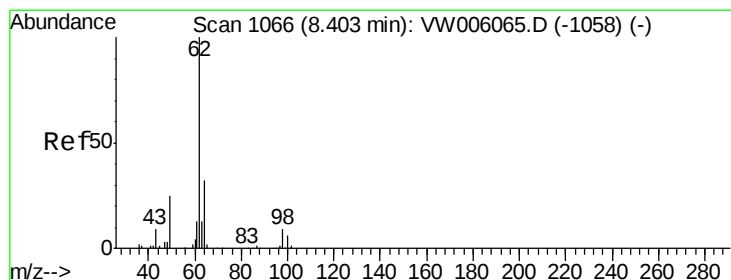
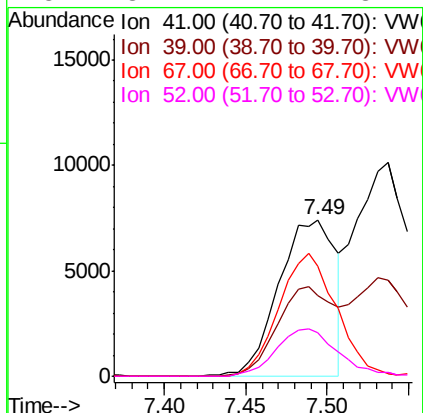
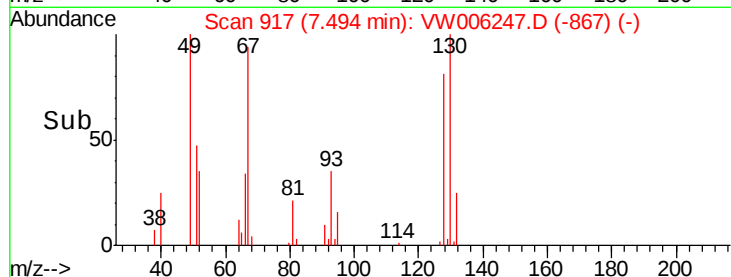
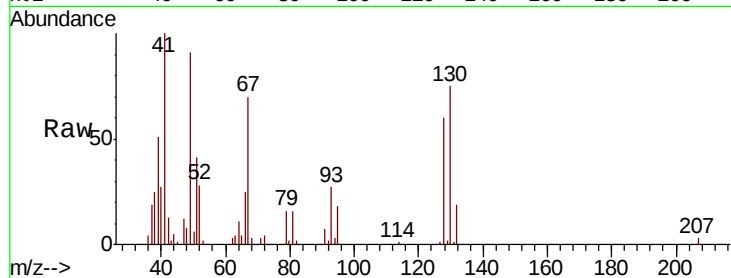
#41
Methacrylonitrile
Concen: 20.118 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		17966		
39	57.0	46.2	69.4		
67	79.3	57.7	86.5		
52	32.7	24.7	37.1		

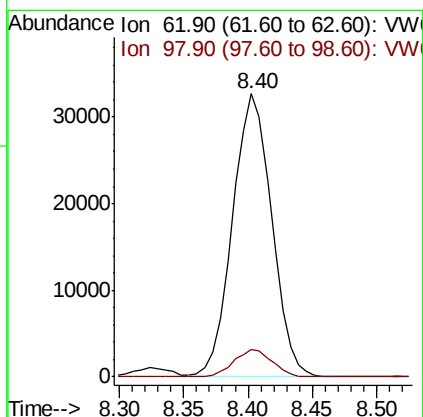
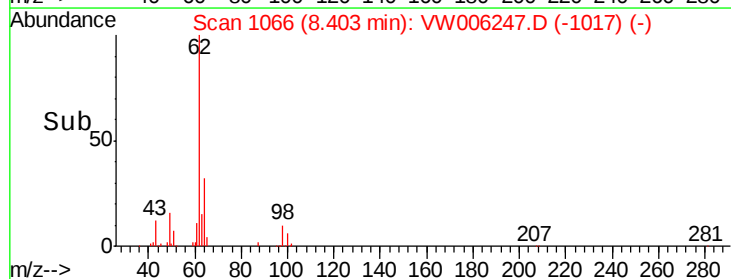
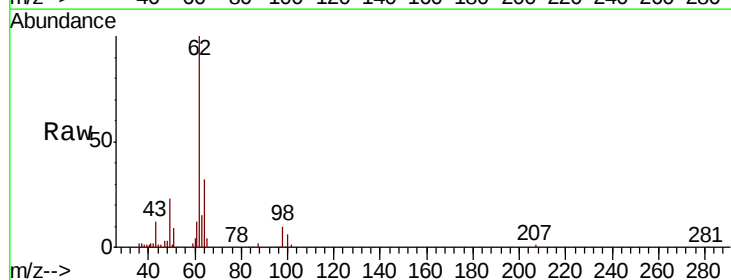
Manual Integrations
APPROVED

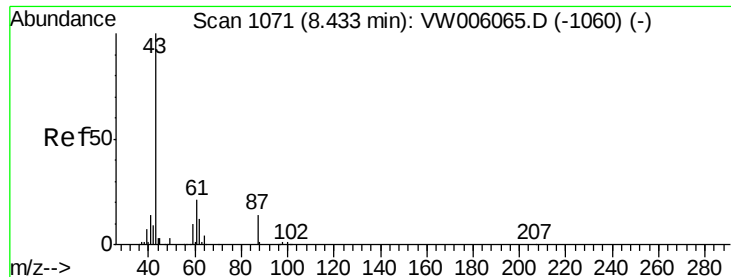
sam
10/24/2018 5:33:07 PM



#42
1,2-Dichloroethane
Concen: 21.472 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		68995		
98	9.5	0.0	18.4		





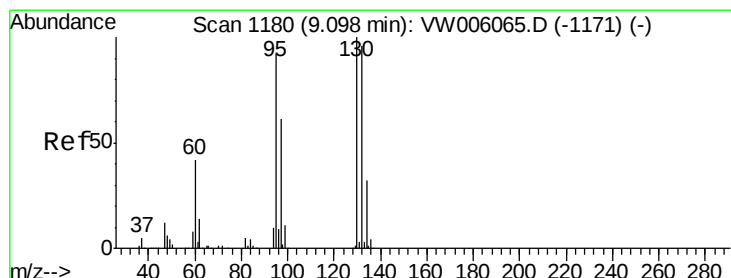
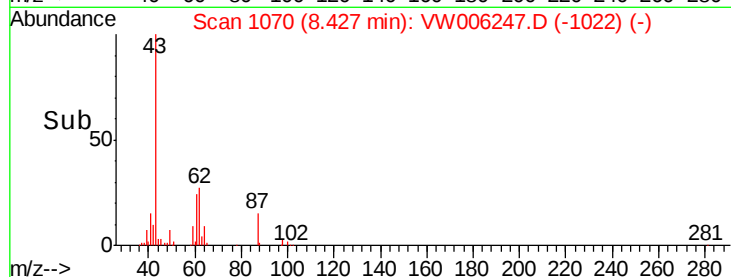
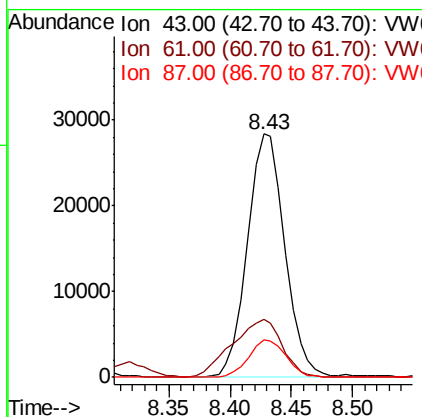
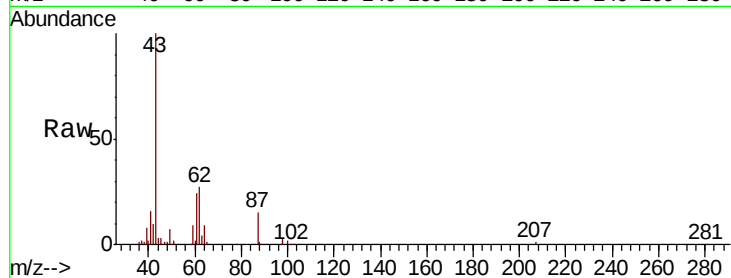
#43
Isopropyl Acetate
Concen: 20.007 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.6	25.5	38.3
87	15.5	11.7	17.5

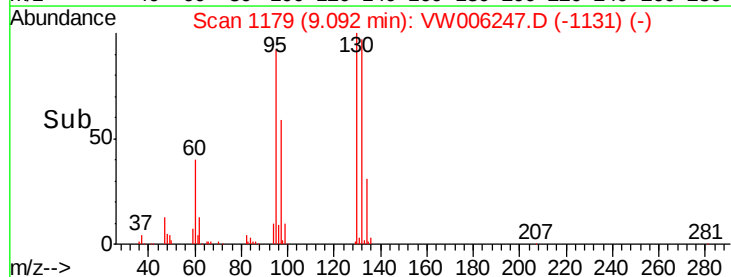
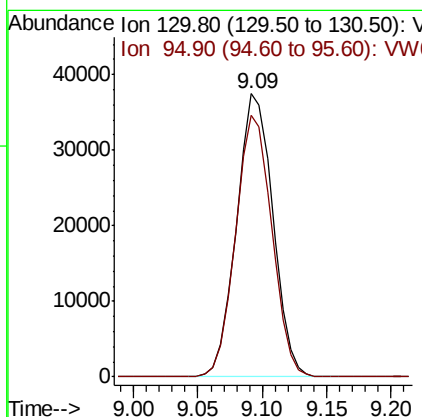
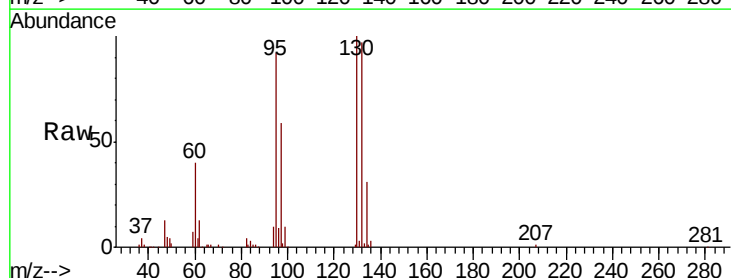
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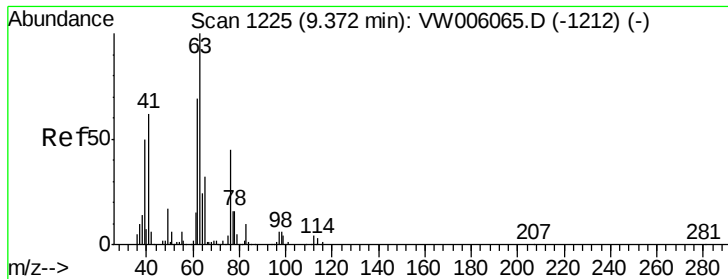
sam
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#44
Trichloroethene
Concen: 21.842 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	183.2





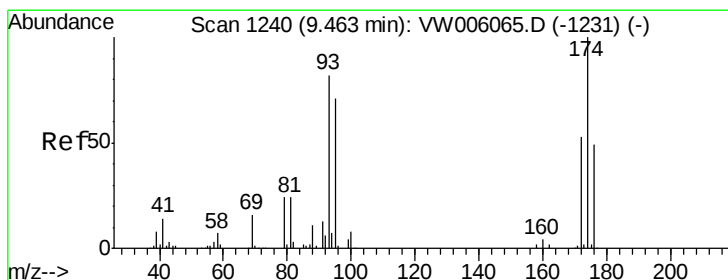
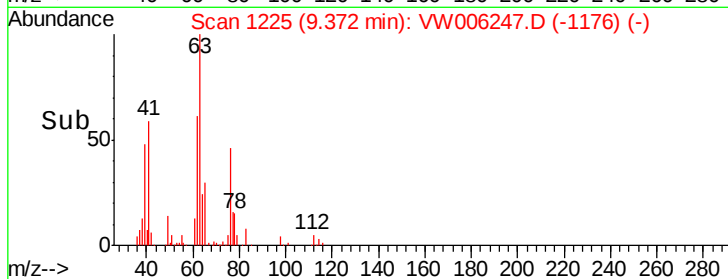
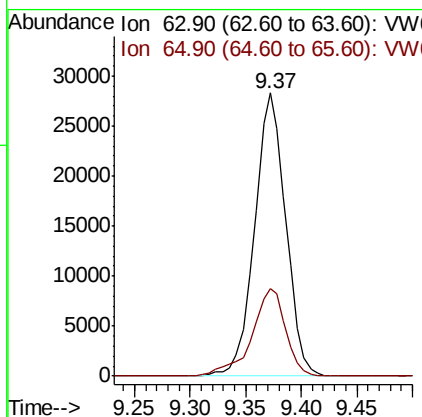
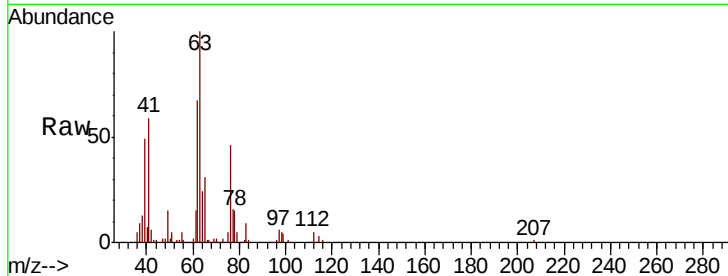
#45
 1,2-Dichloropropane
 Concen: 21.043 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006247.D
 Acq: 22 Oct 2018 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.4	38.0

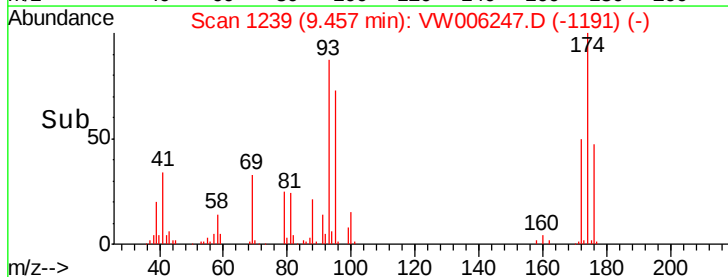
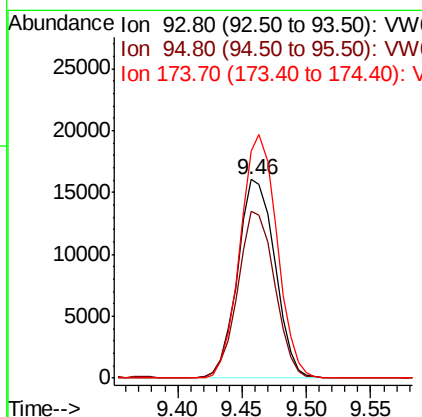
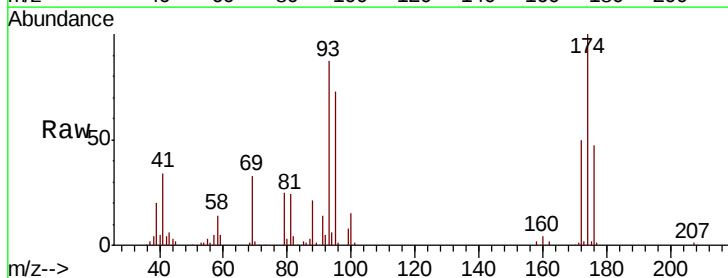
Manual Integrations
 APPROVED

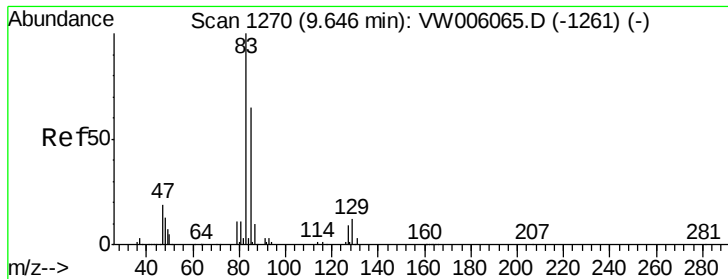
sam
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#46
 Dibromomethane
 Concen: 21.675 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006247.D
 Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	67.7	101.5
174	120.1	93.7	140.5





#47

Bromodichloromethane

Concen: 20.804 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

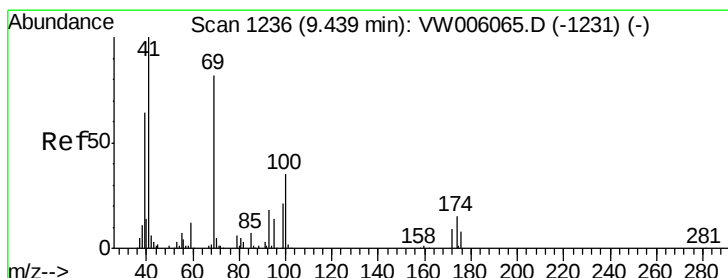
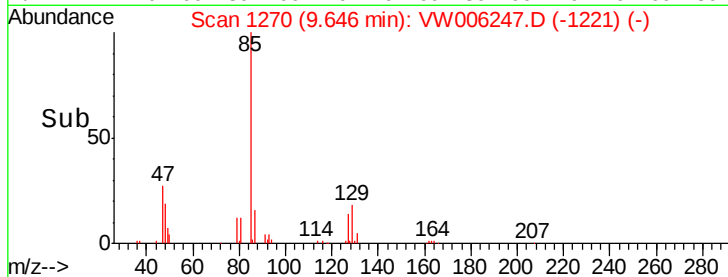
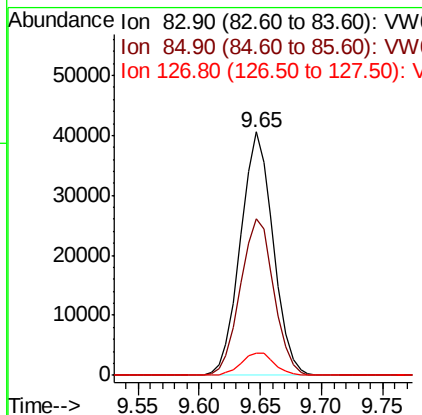
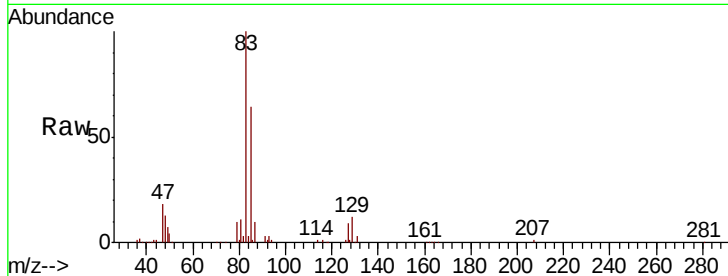
ClientSampleId :

VW1022SBSD01

Tot Ion:	83	Resp:	75235
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.8	77.8
127	9.1	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.056 ug/l

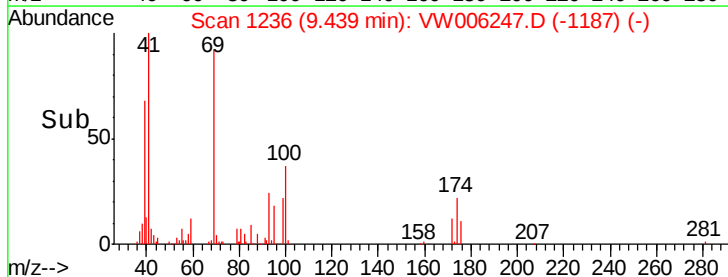
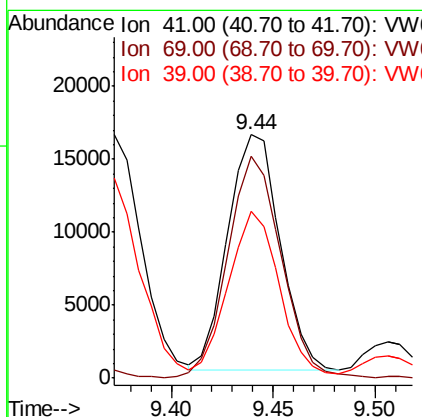
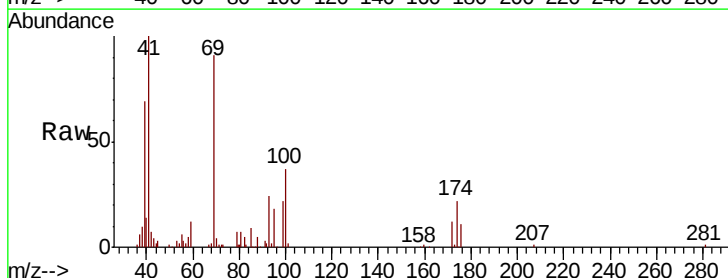
RT: 9.44 min Scan# 1236

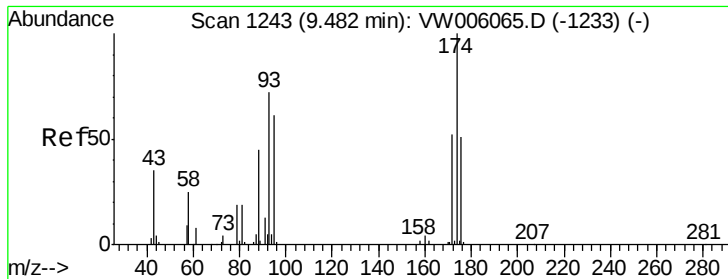
Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Tgt Ion:	41	Resp:	28795
Ion	Ratio	Lower	Upper
41	100		
69	96.6	71.8	107.8
39	65.4	52.5	78.7





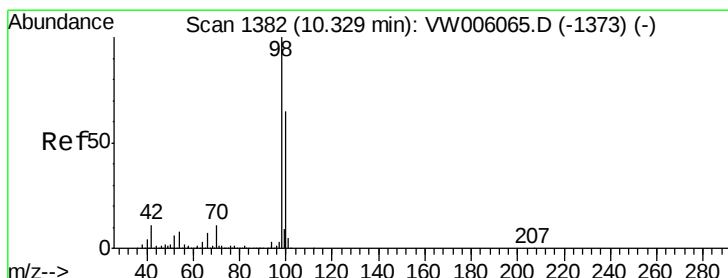
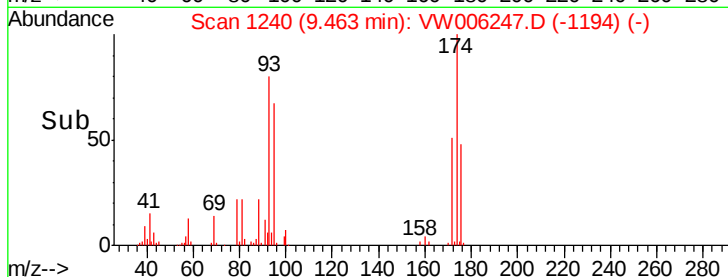
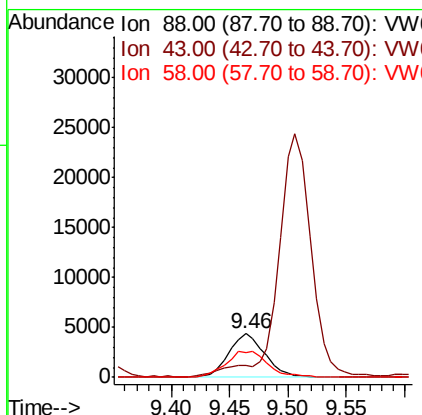
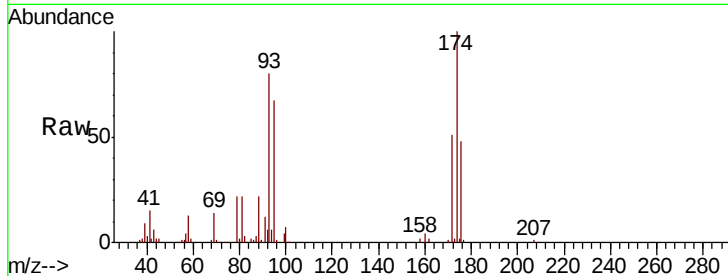
#49
1,4-Dioxane
Concen: 415.528 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBSD01

Tot Ion	88	Resp	9542
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	69.0	51.2	76.8

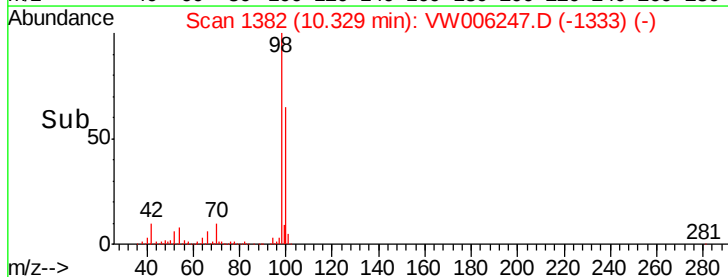
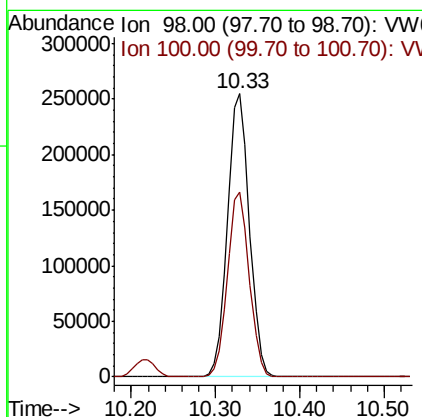
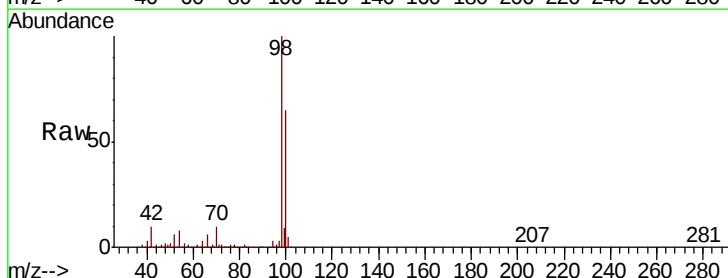
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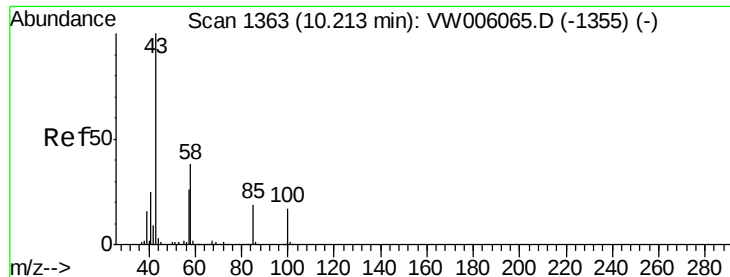
sam
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#50
Toluene-d8
Concen: 46.410 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	98	Resp	451320
Ion Ratio	100	Lower	Upper
98	100		
100	64.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 103.094 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

Tot Ion: 43 Resp: 156455

Ion Ratio Lower Upper

43 100

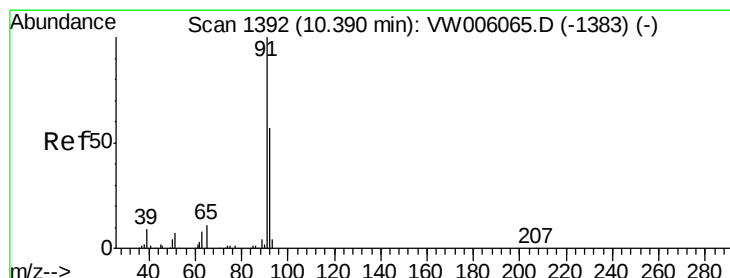
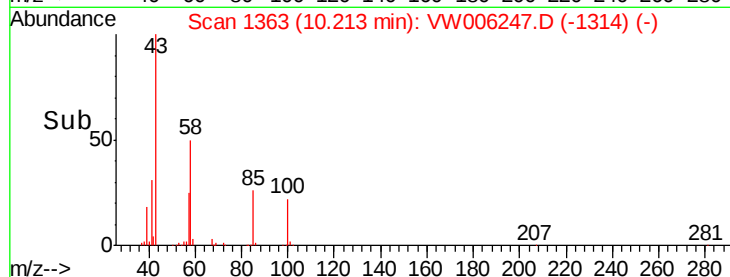
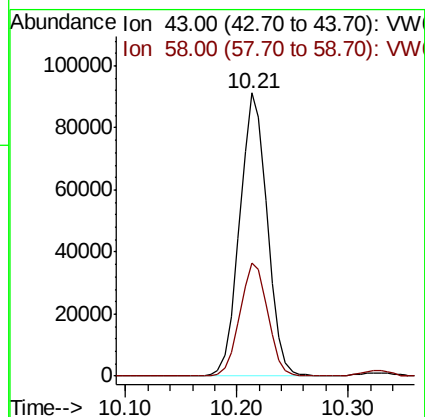
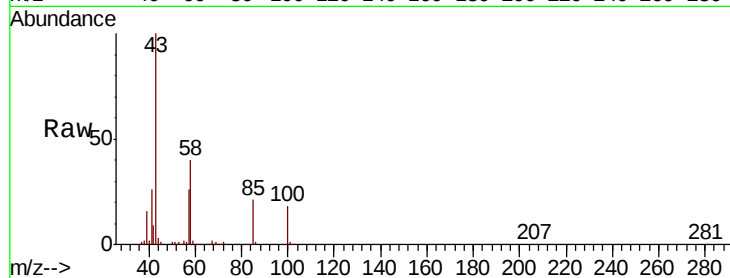
58 40.5 31.5 47.3

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#52

Toluene

Concen: 21.655 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006247.D

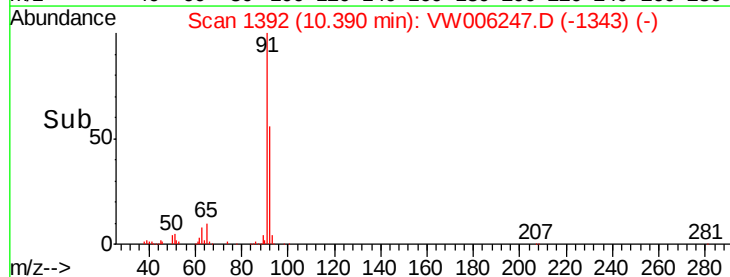
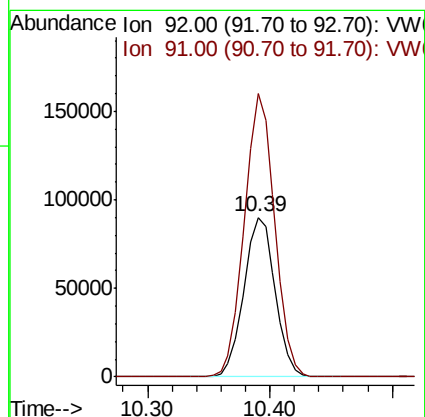
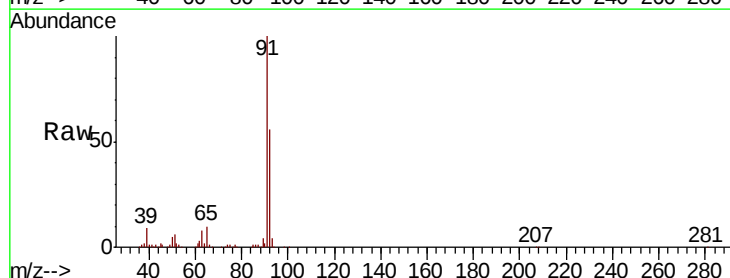
Acq: 22 Oct 2018 13:26

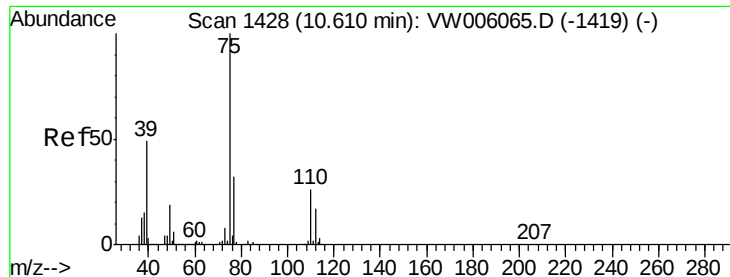
Tgt Ion: 92 Resp: 158786

Ion Ratio Lower Upper

92 100

91 173.5 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 20.691 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBSD01

Tot Ion: 75 Resp: 74553

Ion Ratio Lower Upper

75 100

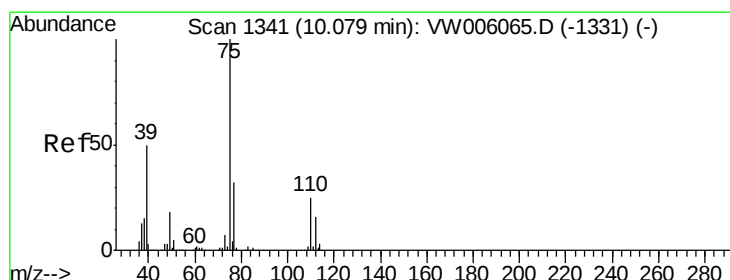
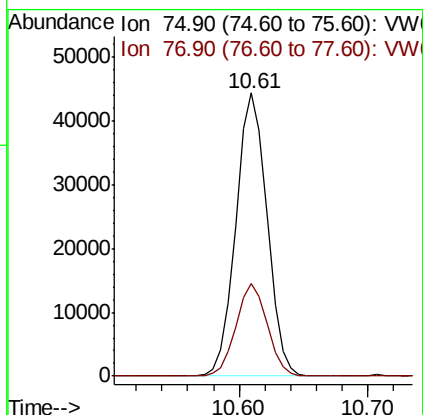
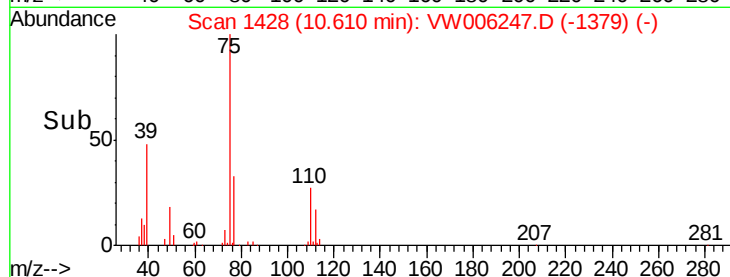
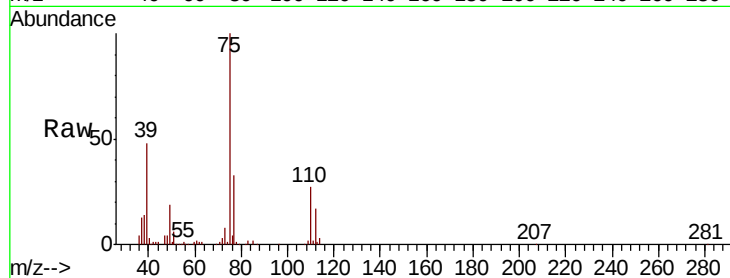
77 32.8 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 20.878 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

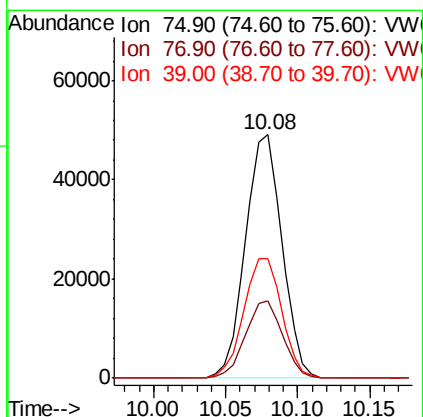
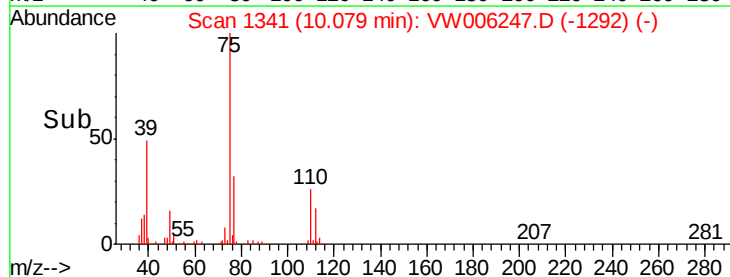
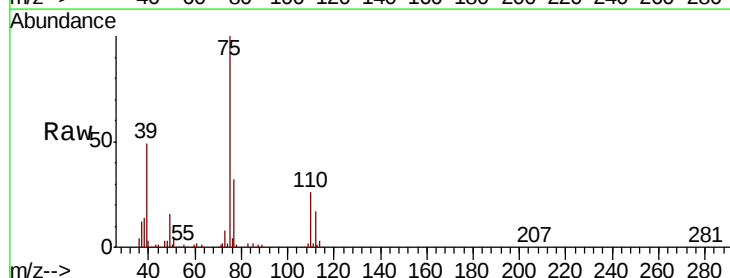
Tgt Ion: 75 Resp: 86337

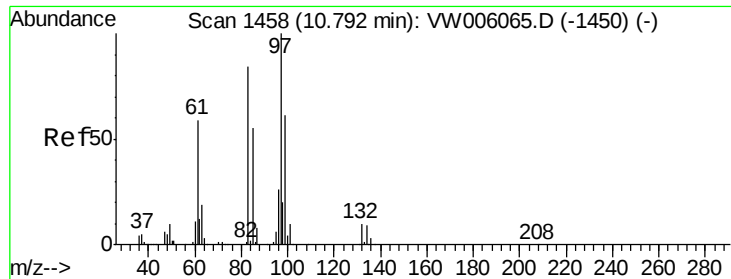
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 48.8 39.9 59.9





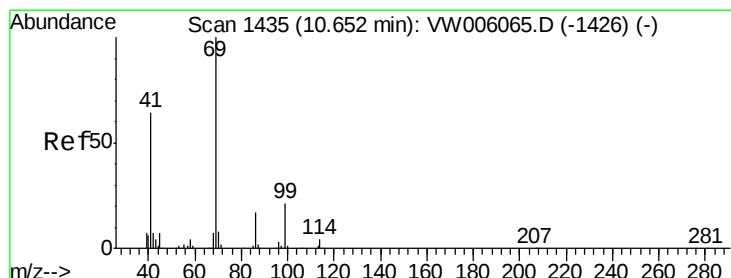
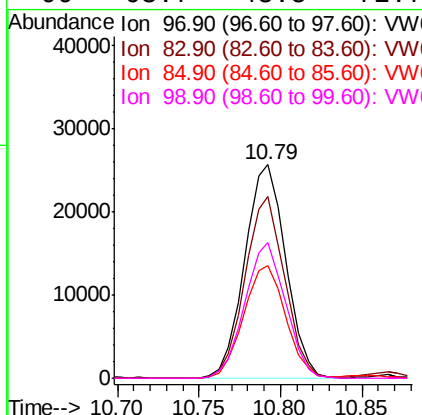
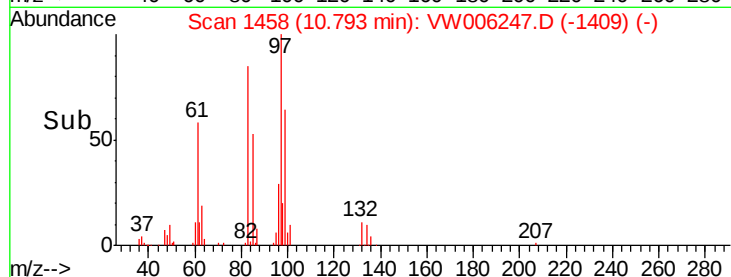
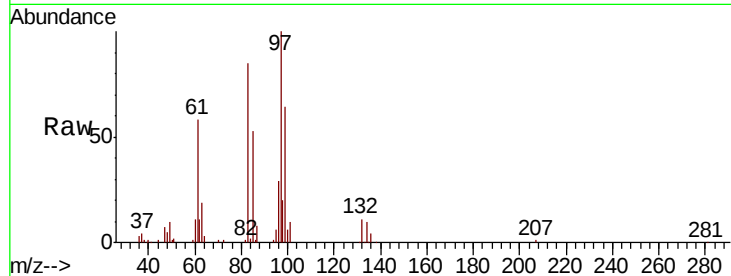
#55
 1,1,2-Trichloroethane
 Concen: 21.553 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006247.D
 Acq: 22 Oct 2018 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		44990		
83	84.9	67.2	100.8		
85	52.8	43.7	65.5		
99	63.7	48.5	72.7		

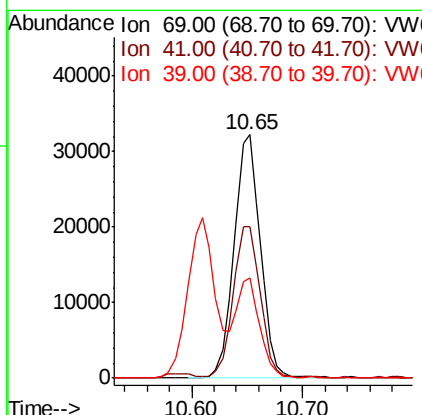
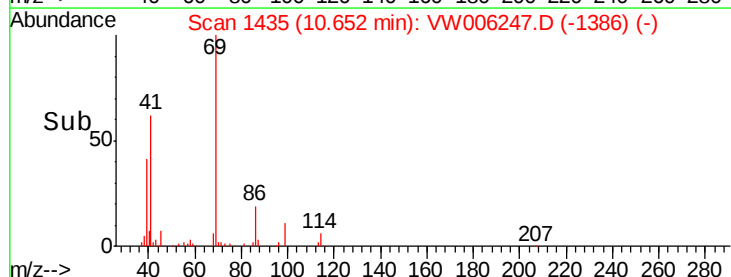
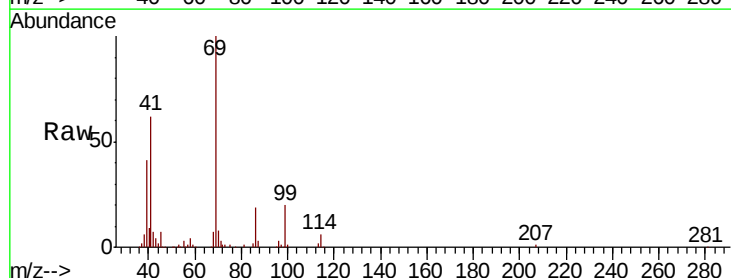
Manual Integrations
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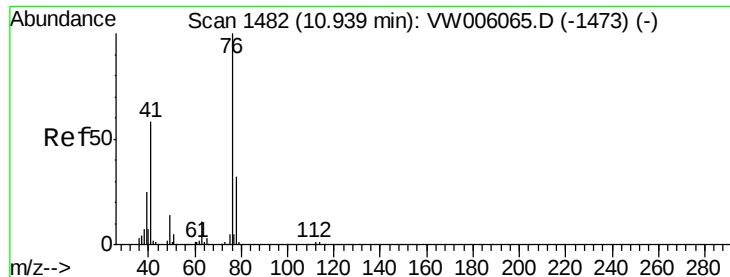
sam
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#56
 Ethyl methacrylate
 Concen: 20.564 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006247.D
 Acq: 22 Oct 2018 13:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		52624		
41	64.1	52.8	79.2		
39	35.3	30.6	45.8		





#57

1,3-Dichloropropane

Concen: 21.583 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

Tot Ion: 76 Resp: 74580

Ion Ratio Lower Upper

76 100

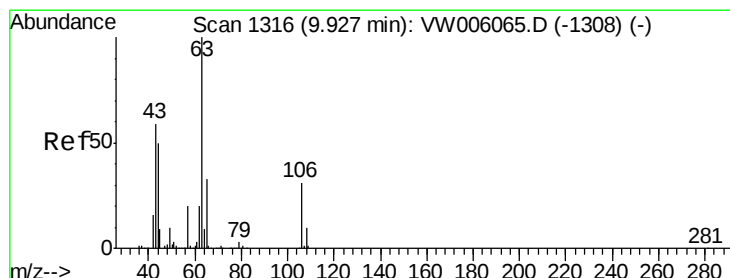
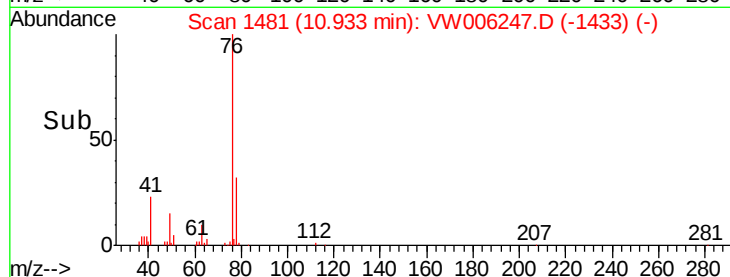
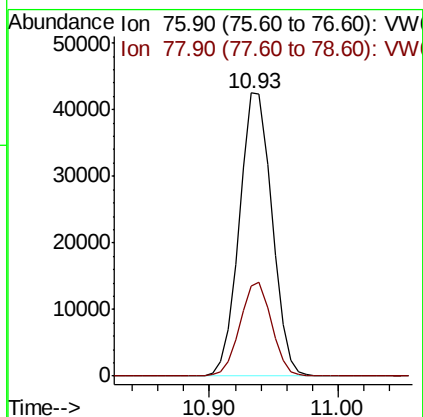
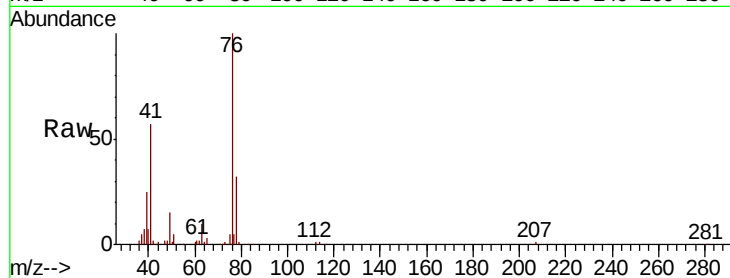
78 32.1 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 101.406 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006247.D

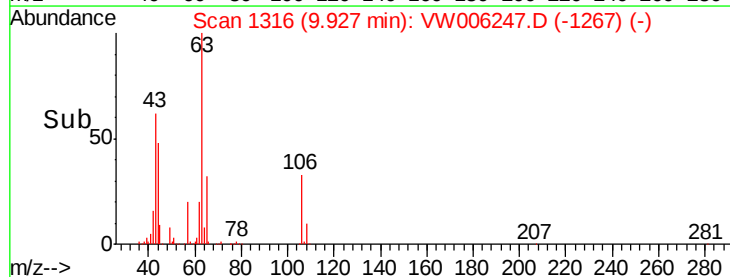
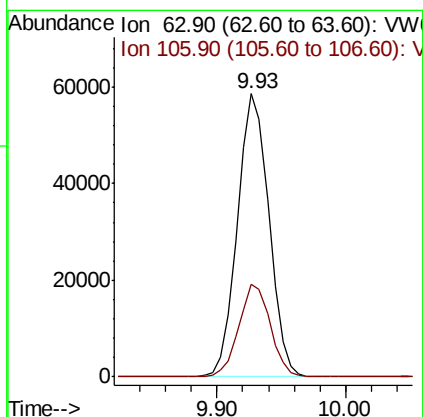
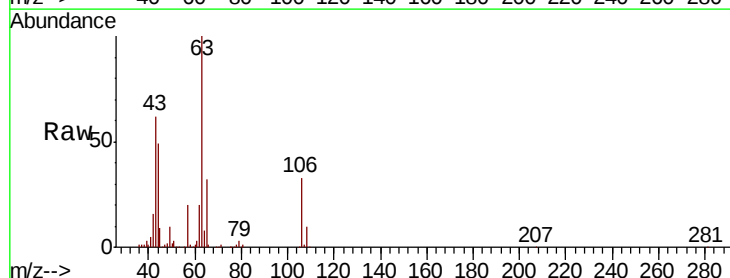
Acq: 22 Oct 2018 13:26

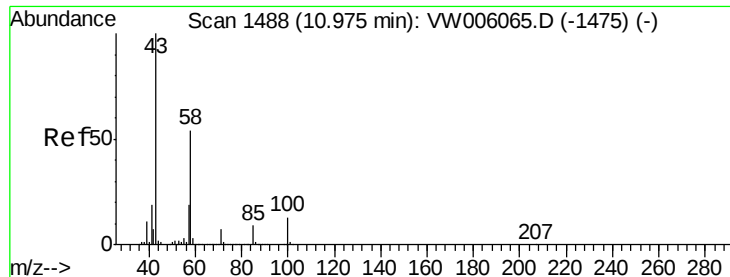
Tgt Ion: 63 Resp: 99157

Ion Ratio Lower Upper

63 100

106 32.4 24.5 36.7





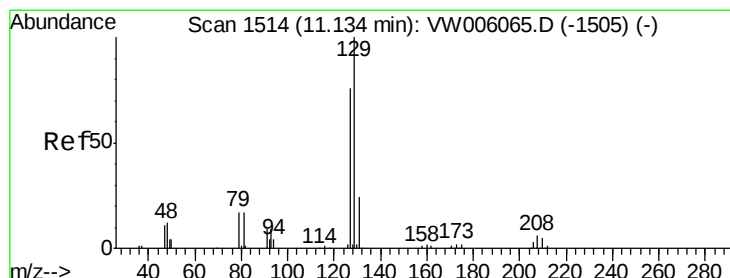
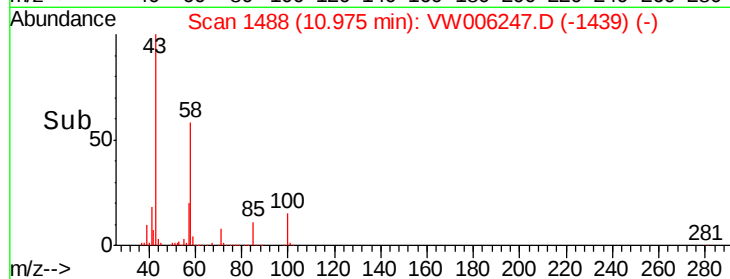
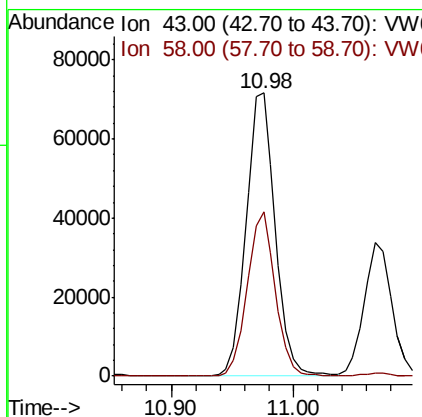
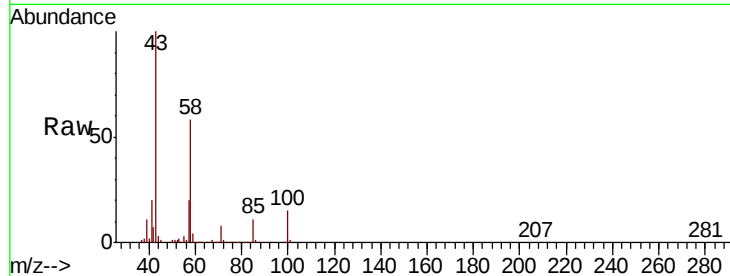
#59
2-Hexanone
Concen: 109.557 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBSD01

Tot Ion	43	Resp	118684
Ion Ratio	43	100	
Lower	58	55.7	26.9
Upper			80.6

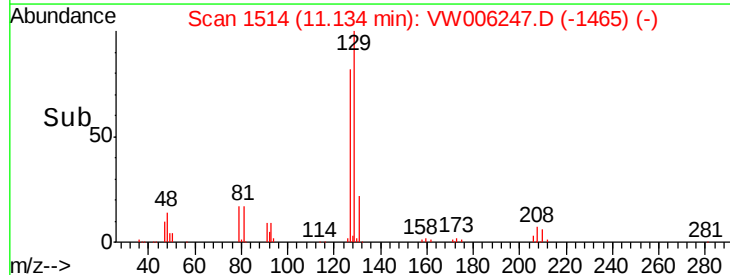
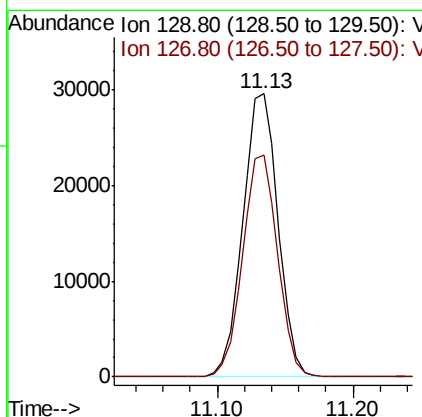
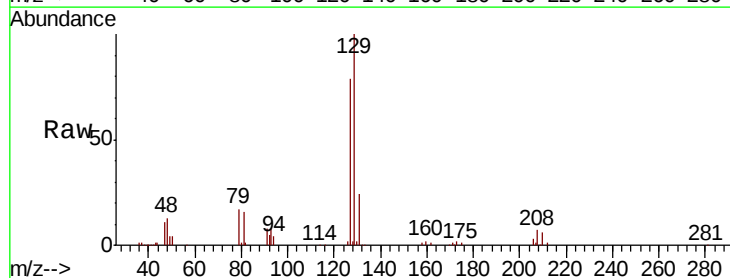
Manual Integrations
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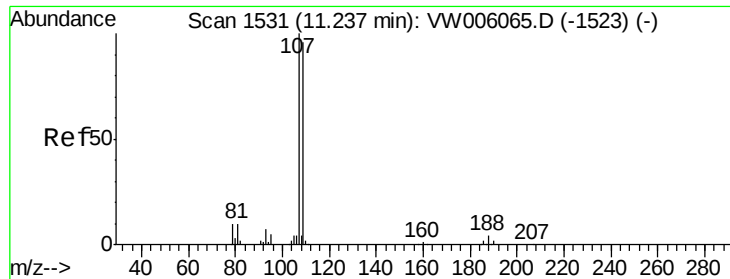
sam
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#60
Dibromochloromethane
Concen: 20.602 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	129	Resp	53567
Ion Ratio	129	100	
Lower	127	77.9	38.6
Upper			115.7





#61

1,2-Dibromoethane

Concen: 21.838 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

Tot Ion: 107 Resp: 45547

Ion Ratio Lower Upper

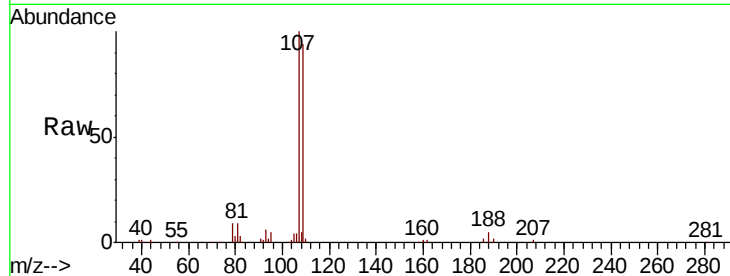
107 100

109 93.3 76.3 114.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

25000

20000

15000

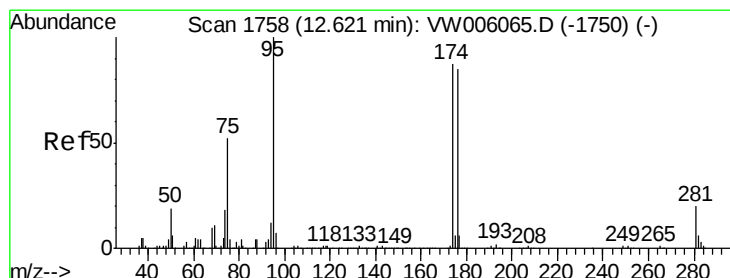
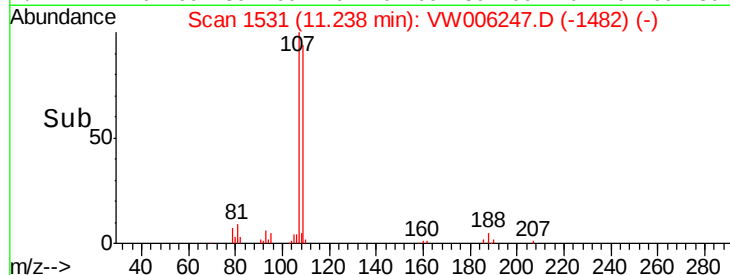
10000

5000

0

Time-->

11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 48.000 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

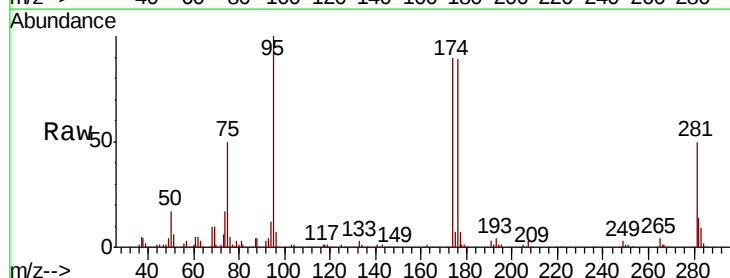
Tgt Ion: 95 Resp: 175319

Ion Ratio Lower Upper

95 100

174 93.4 0.0 186.0

176 92.6 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

150000

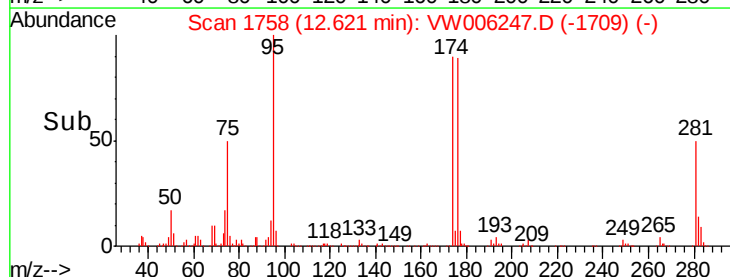
100000

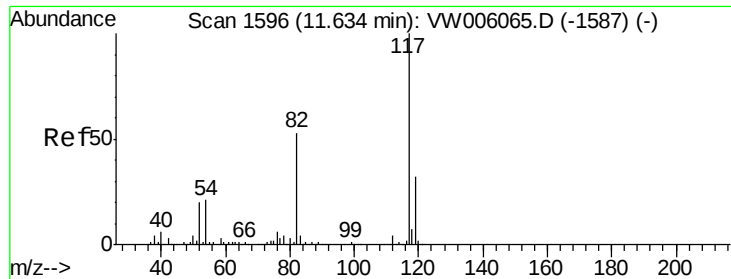
50000

0

Time-->

12.55 12.60 12.65 12.70





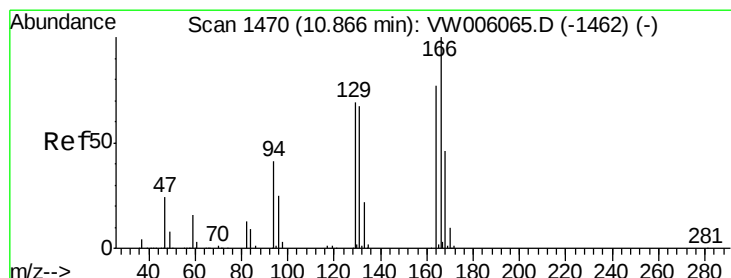
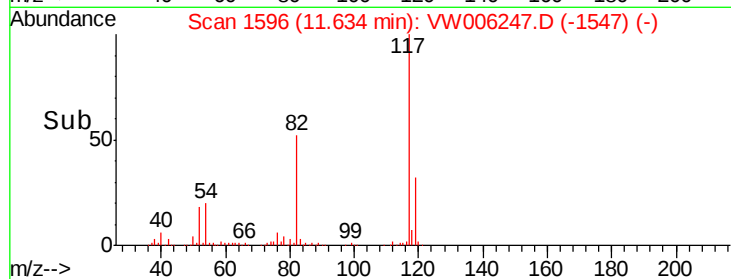
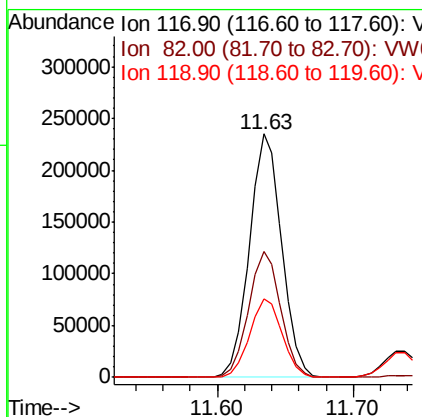
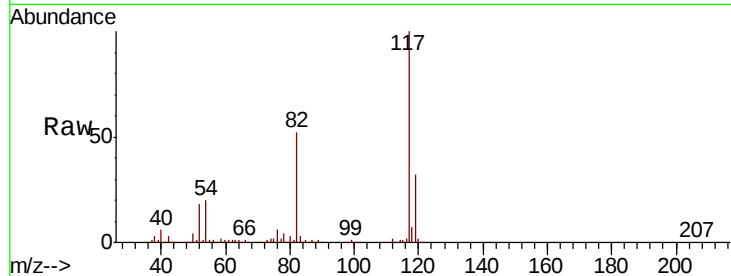
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.1	63.1
119	32.0	25.8	38.6

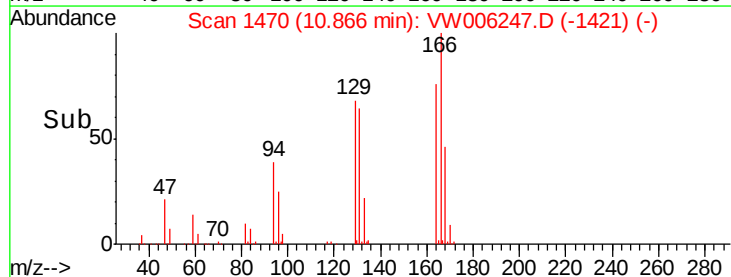
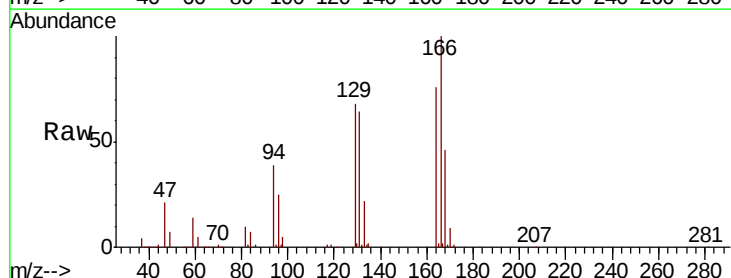
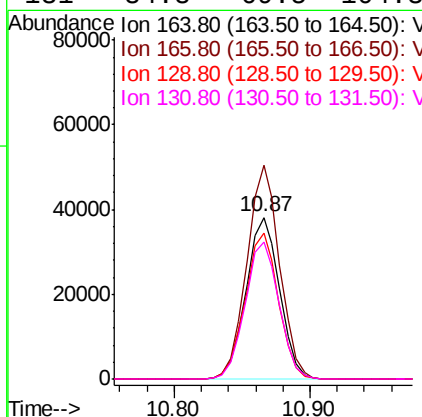
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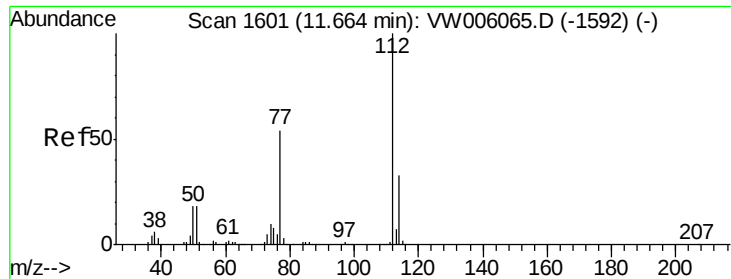
sam
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#64
Tetrachloroethene
Concen: 21.703 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.3	103.4	155.0
129	90.5	71.8	107.8
131	84.8	69.5	104.3





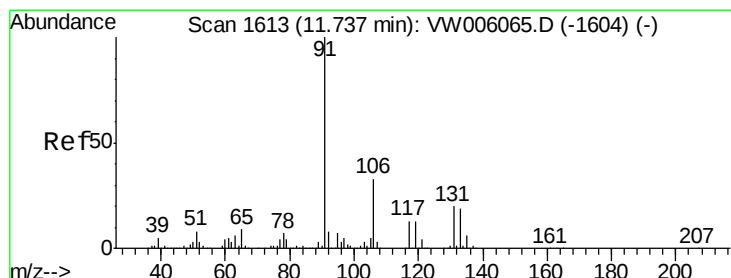
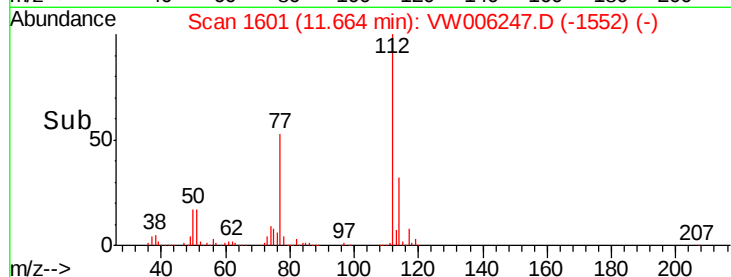
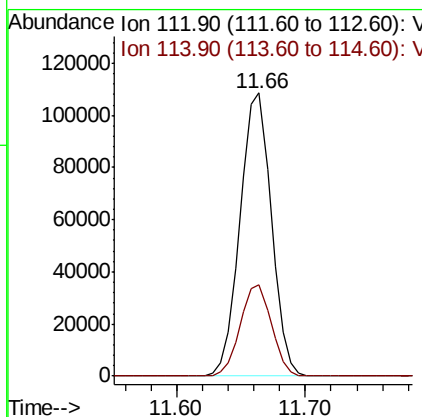
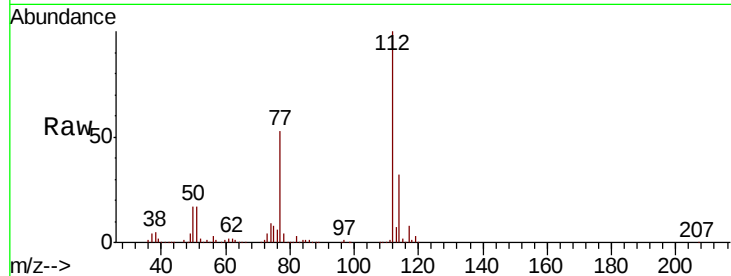
#65
Chlorobenzene
Concen: 21.866 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.2	39.2

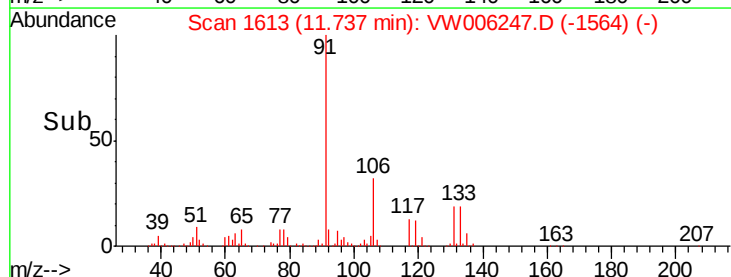
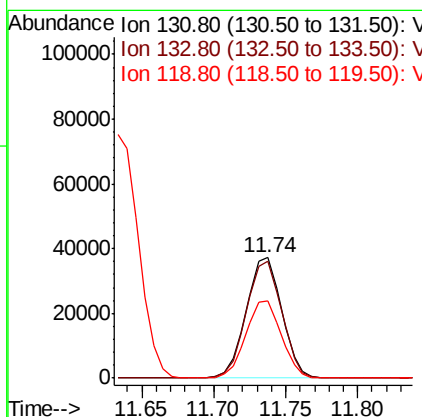
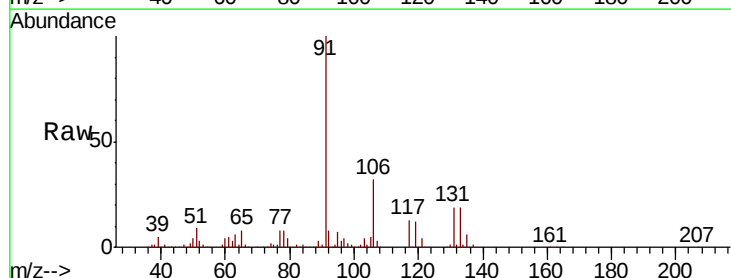
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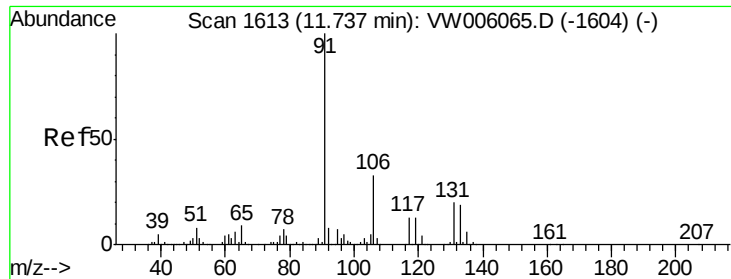
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.374 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.1	48.1	144.3
119	64.2	31.6	94.7





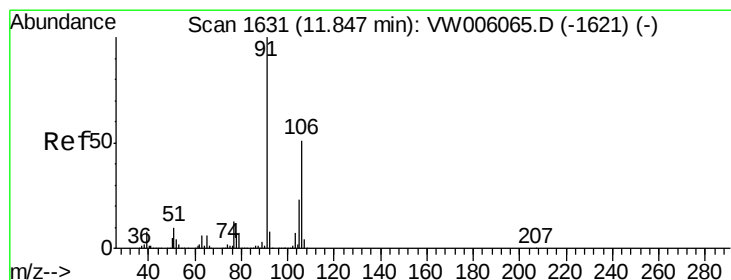
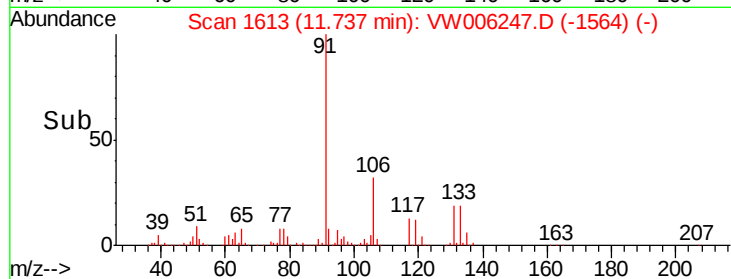
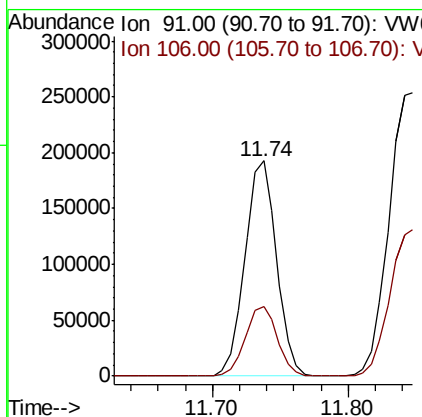
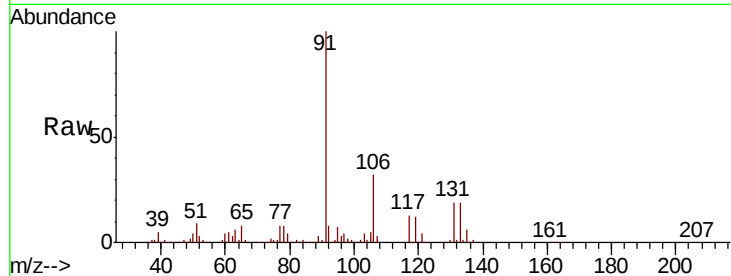
#67
Ethyl Benzene
Concen: 21.626 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

Tot Ion: 91 Resp: 313192
Ion Ratio Lower Upper
91 100
106 32.4 26.1 39.1

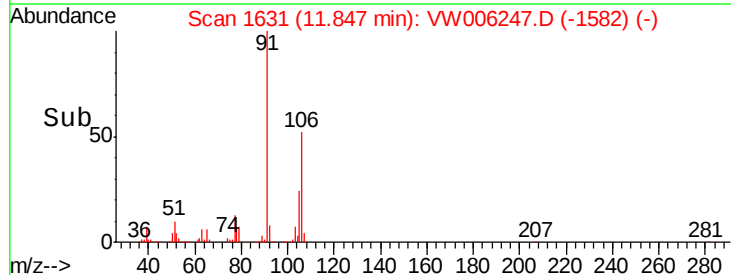
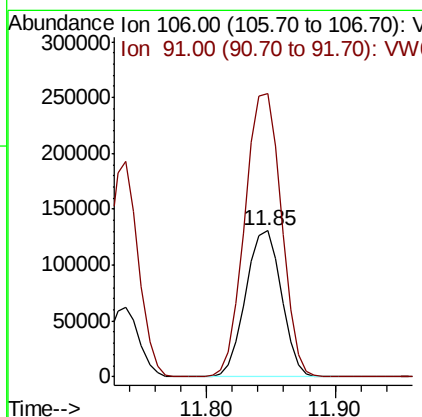
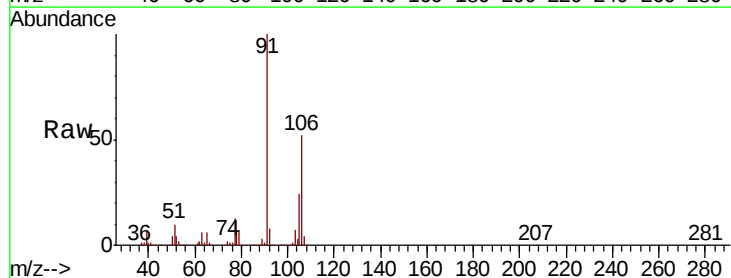
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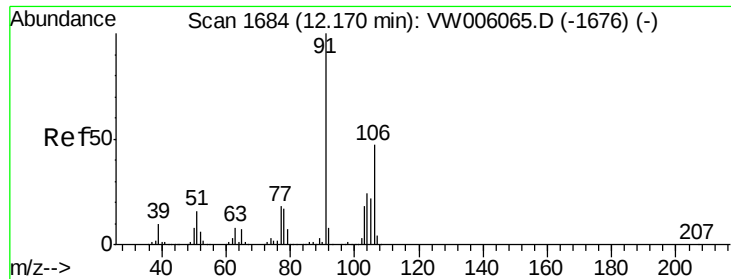
sam
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#68
m/p-Xylenes
Concen: 43.908 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion: 106 Resp: 251334
Ion Ratio Lower Upper
106 100
91 198.1 159.1 238.7





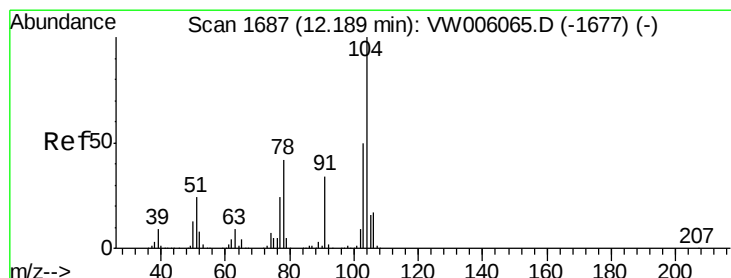
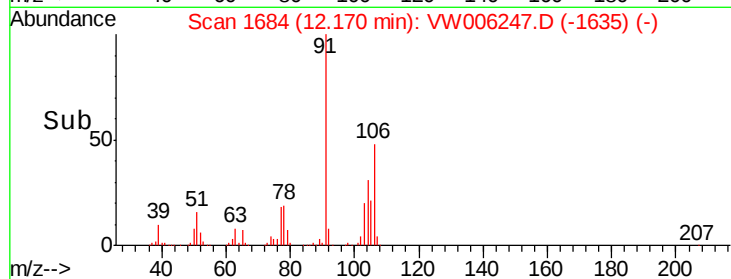
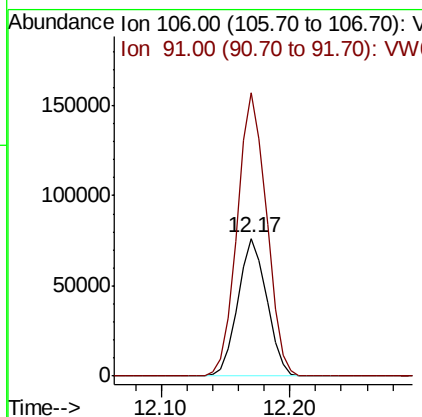
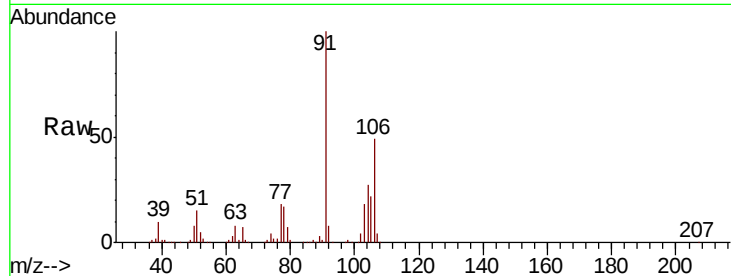
#69
o-Xylene
Concen: 21.737 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.3	105.4	316.1

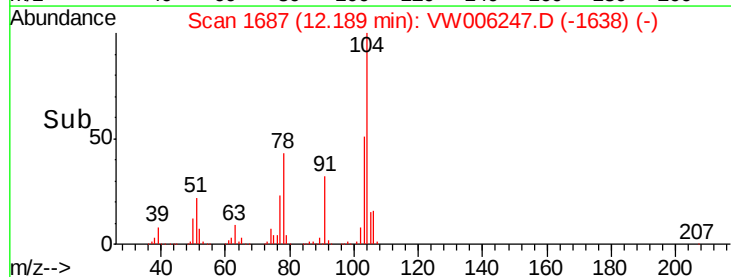
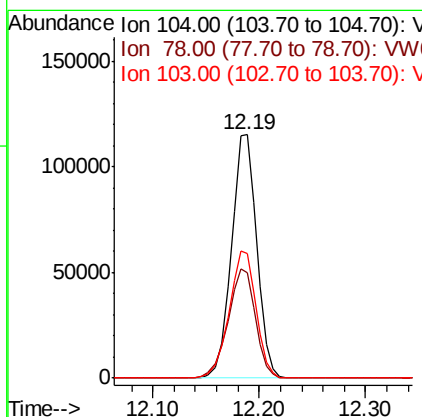
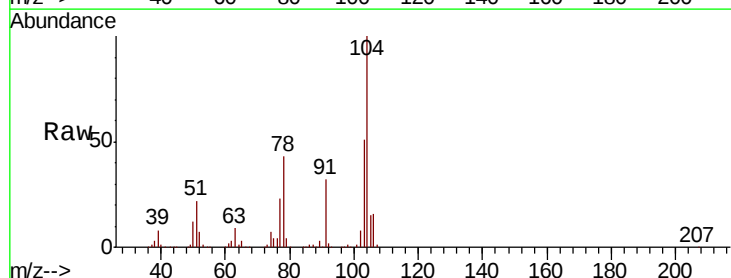
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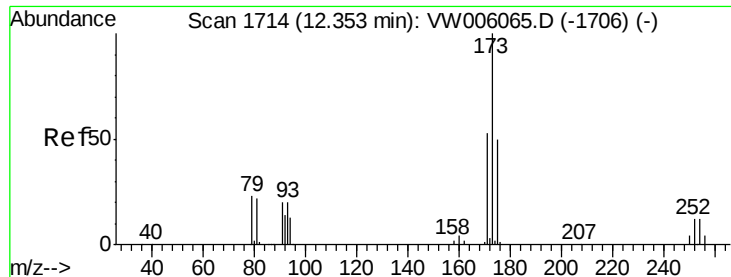
sam
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#70
Styrene
Concen: 21.611 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.1	58.7
103	55.5	44.3	66.5





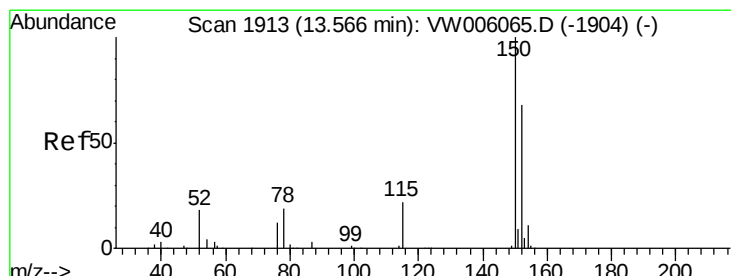
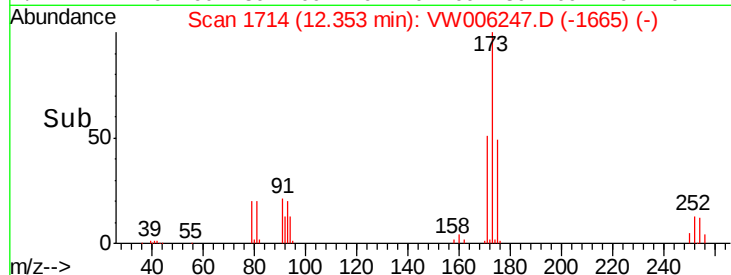
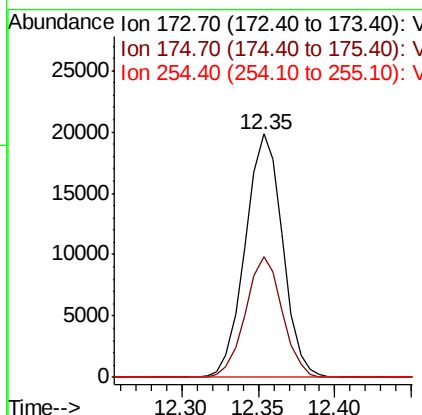
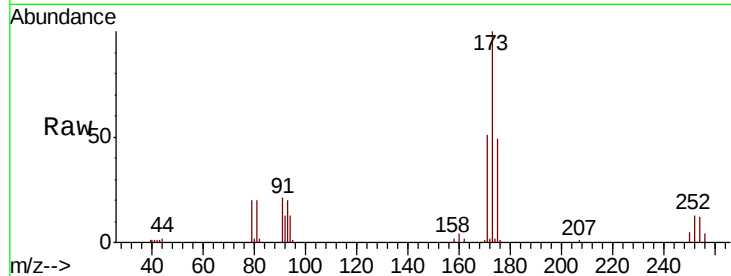
#71
Bromoform
Concen: 20.295 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.2	72.6
254	0.0	0.1	0.1#

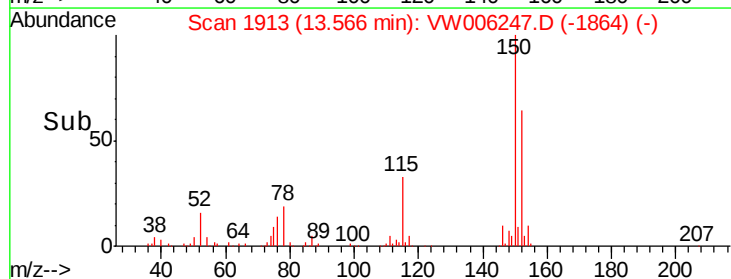
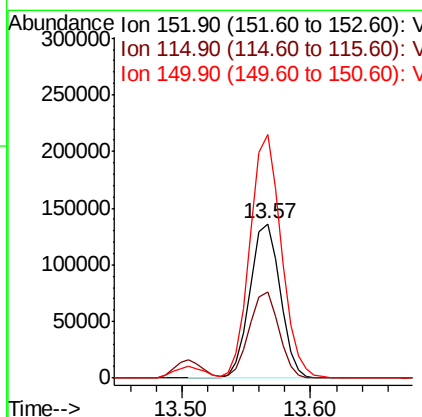
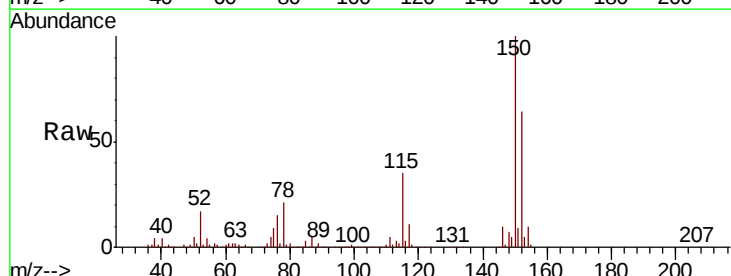
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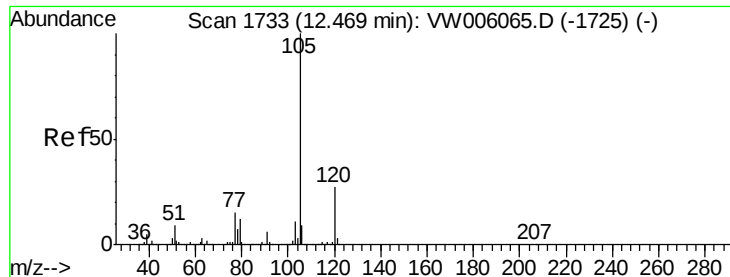
sam
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.8	83.3
150	162.7	0.0	349.2





#73

Isopropylbenzene

Concen: 21.559 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

Tot Ion: 105 Resp: 335615

Ion Ratio Lower Upper

105 100

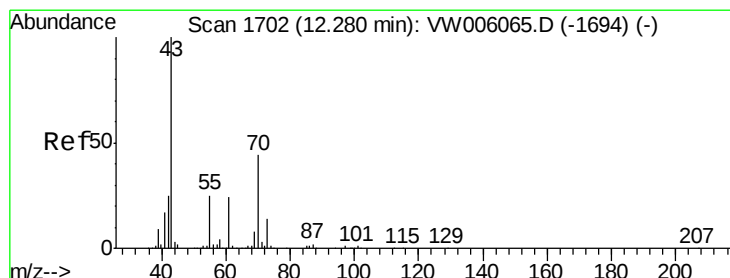
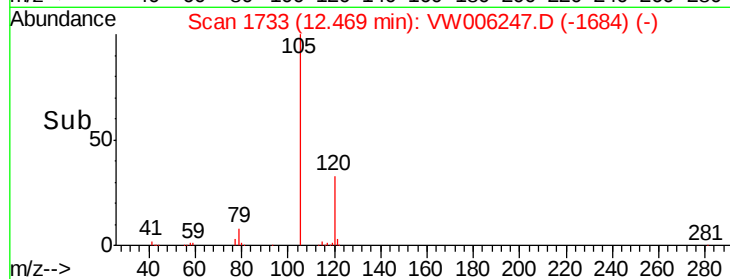
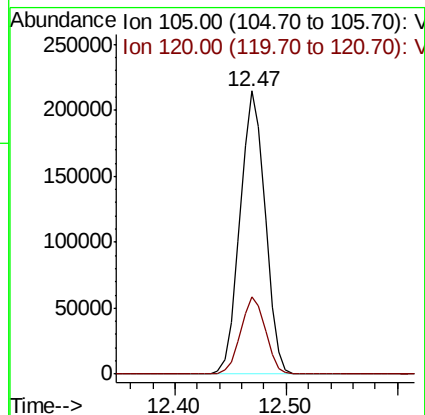
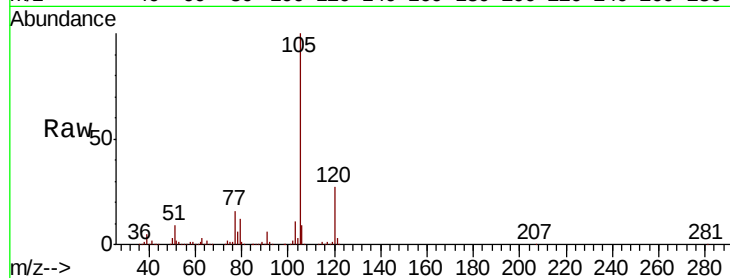
120 27.0 13.6 40.7

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#74

N-ethyl acetate

Concen: 19.680 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Tgt Ion: 43 Resp: 59503

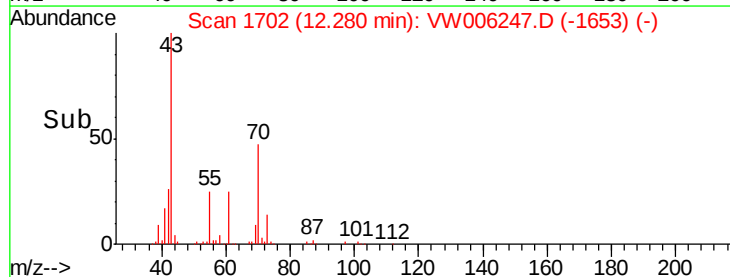
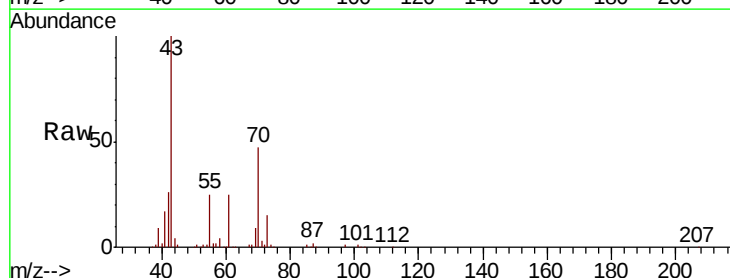
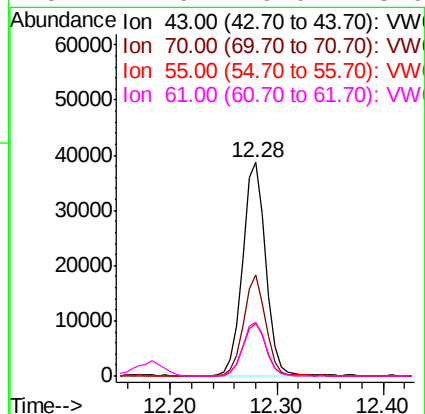
Ion Ratio Lower Upper

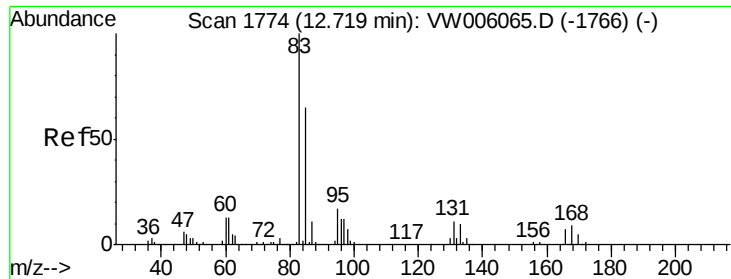
43 100

70 45.0 34.2 51.4

55 25.4 19.2 28.8

61 24.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.665 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

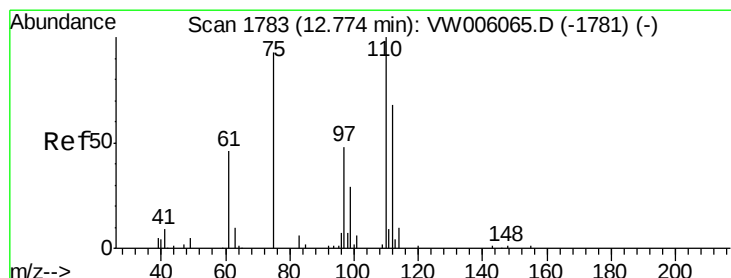
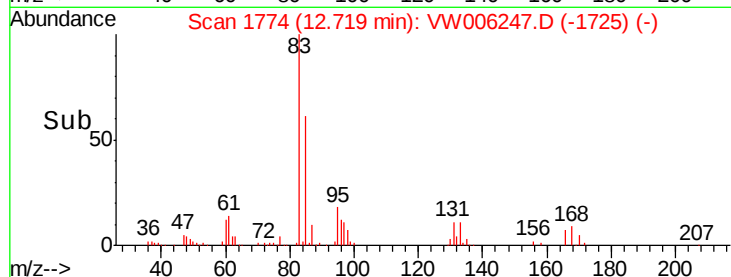
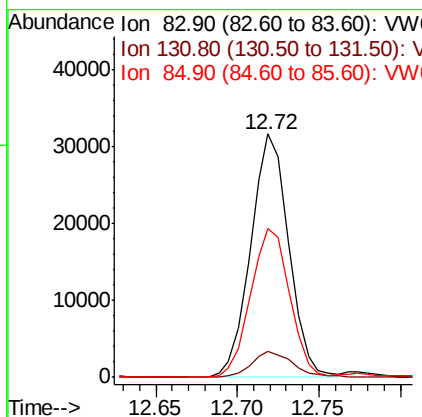
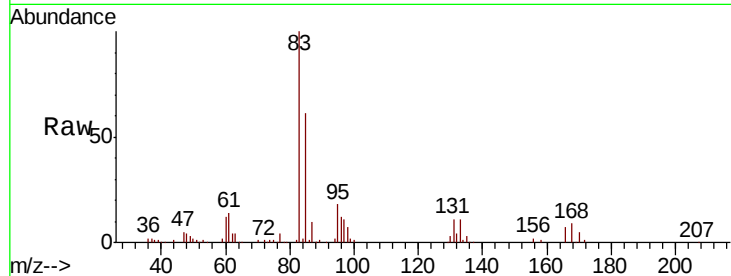
ClientSampleId :

VW1022SBS01

Tot Ion:	83	Resp:	51296
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.9	17.7
85	62.6	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 20.433 ug/l m

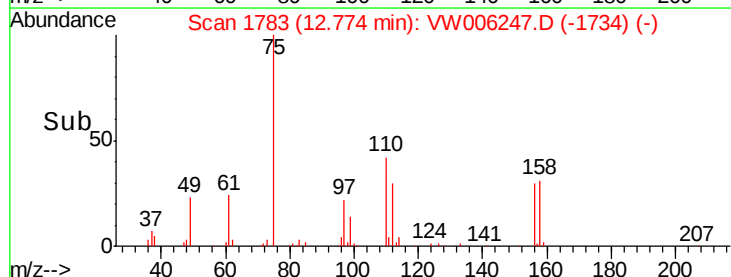
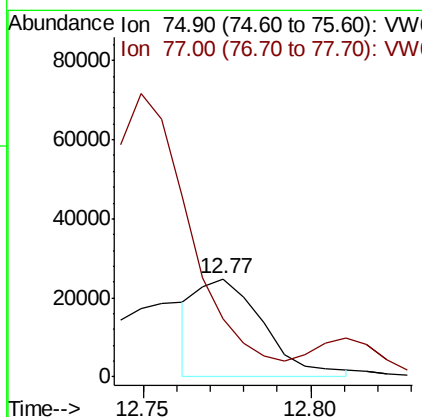
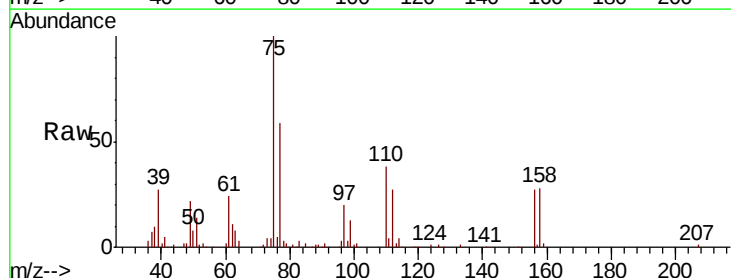
RT: 12.77 min Scan# 1783

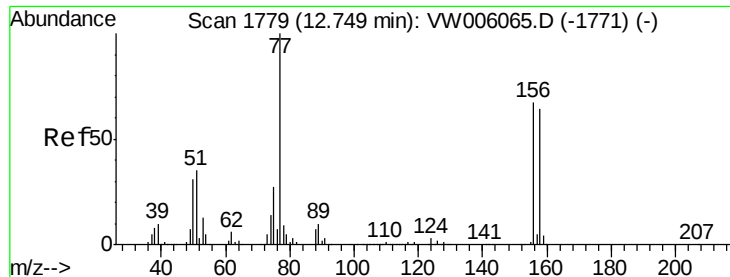
Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Tgt Ion:	75	Resp:	34390
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.002 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

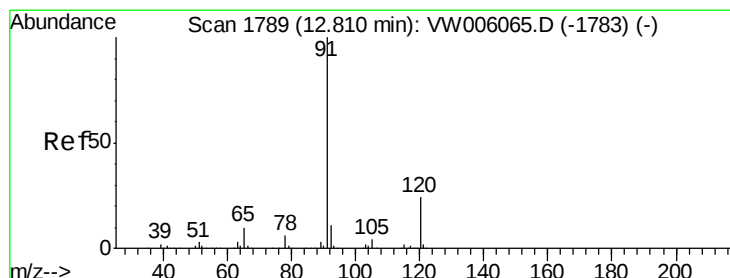
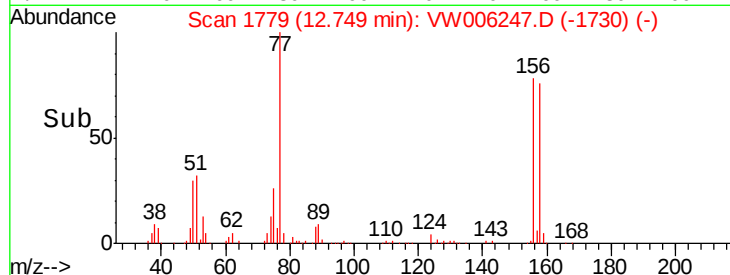
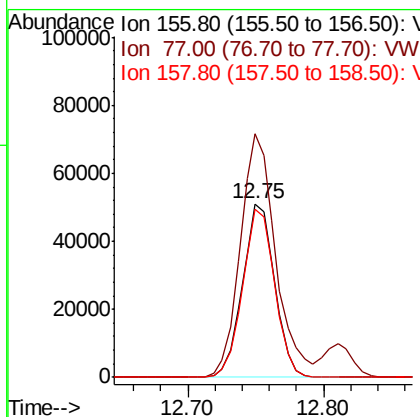
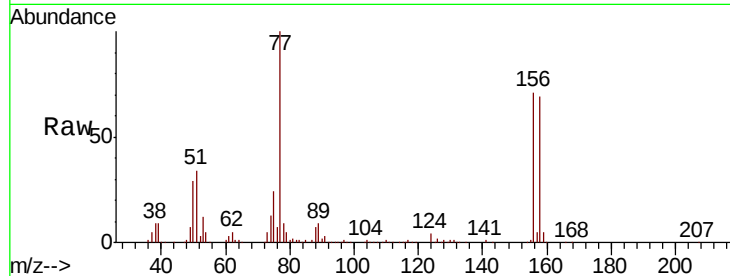
ClientSampleId :

VW1022SBSD01

Tot Ion:	156	Resp:	83890
Ion	Ratio	Lower	Upper
156	100		
77	154.4	79.1	237.4
158	96.8	48.5	145.6

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#78

n-propylbenzene

Concen: 21.520 ug/l

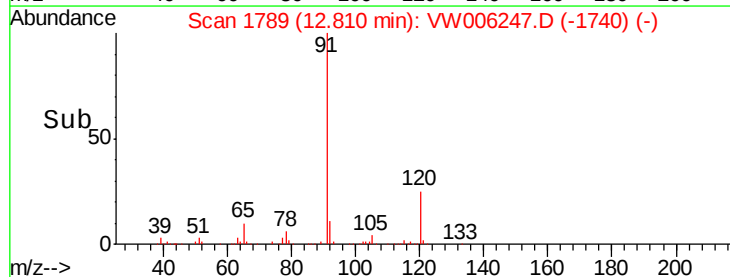
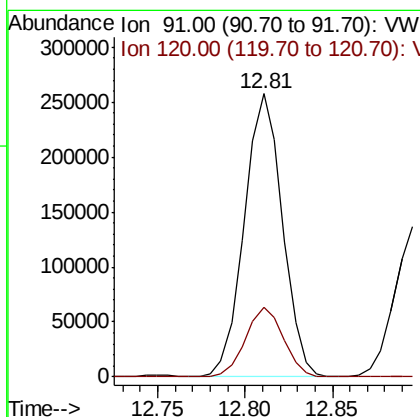
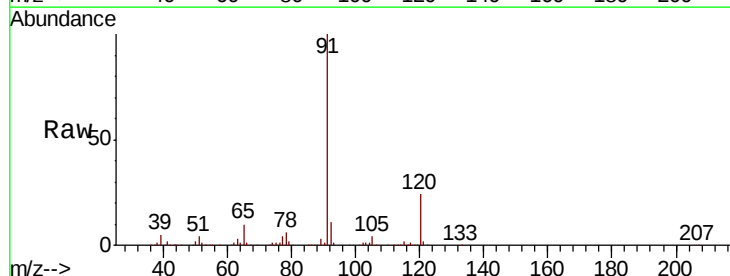
RT: 12.81 min Scan# 1789

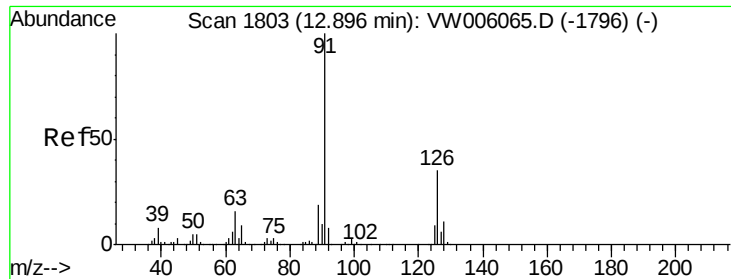
Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Tgt Ion:	91	Resp:	389749
Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.2	36.6





#79

2-Chlorotoluene

Concen: 21.420 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

Tot Ion: 91 Resp: 217969

Ion Ratio Lower Upper

91 100

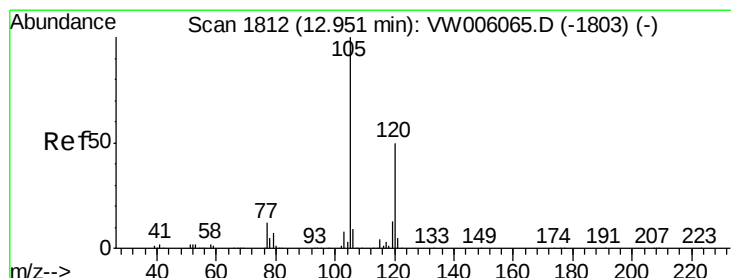
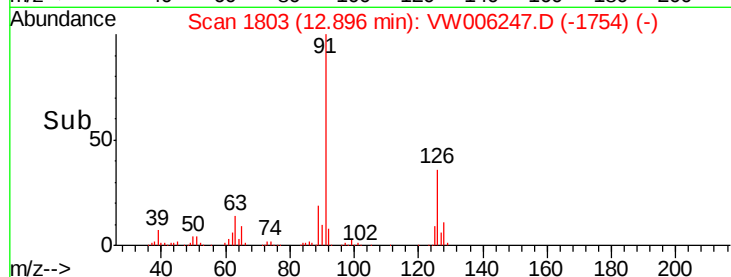
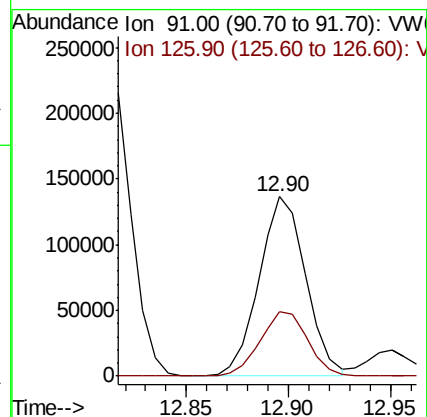
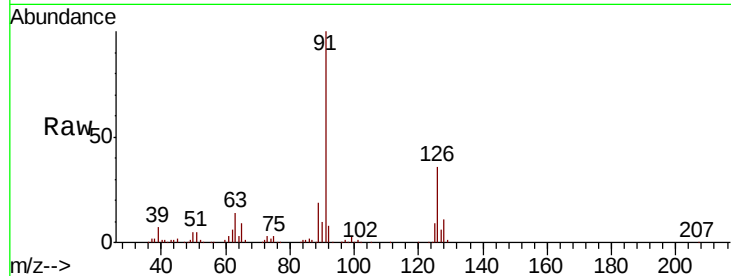
126 36.6 17.9 53.8

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#80

1,3,5-Trimethylbenzene

Concen: 21.510 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006247.D

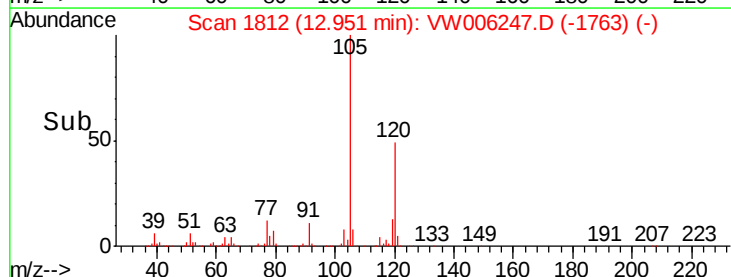
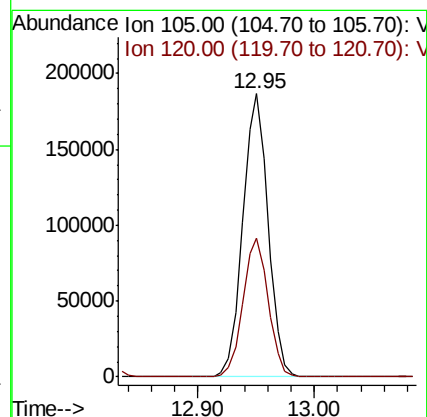
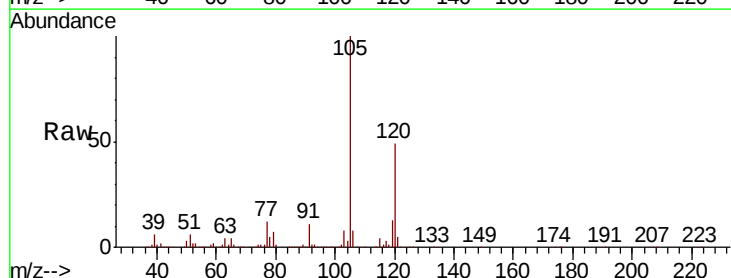
Acq: 22 Oct 2018 13:26

Tgt Ion:105 Resp: 282288

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.6





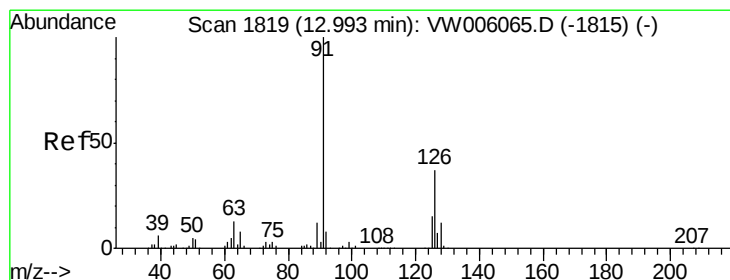
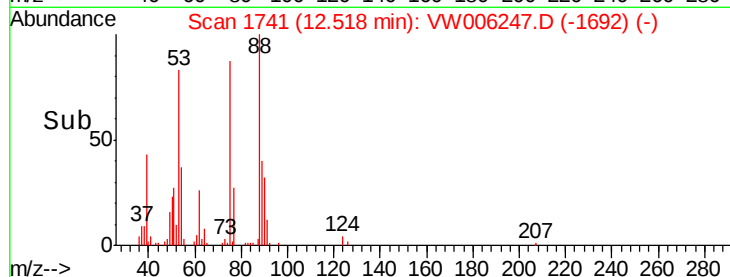
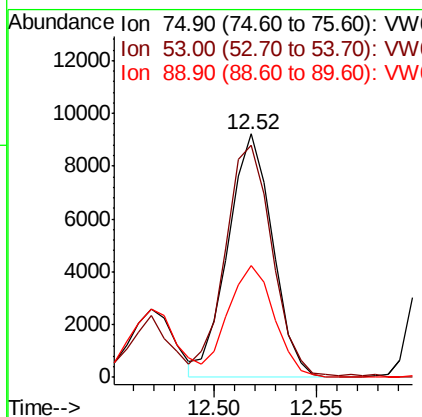
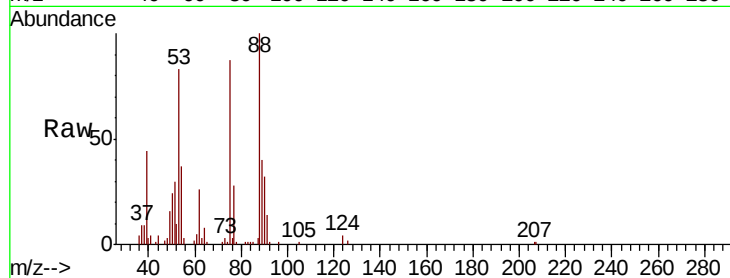
#81
trans-1,4-Dichloro-2-butene
Concen: 19.877 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.6	79.8	119.6
89	47.4	37.5	56.3

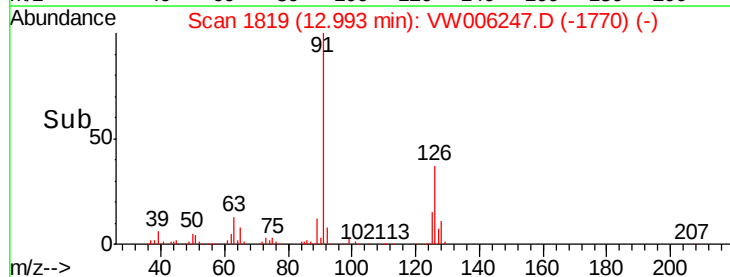
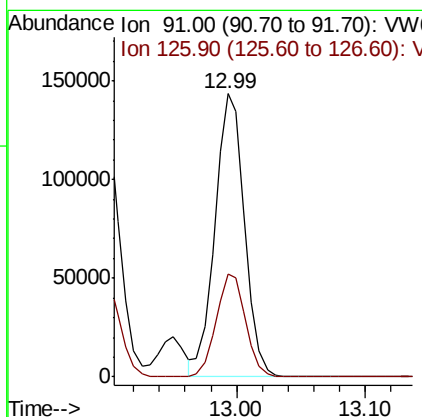
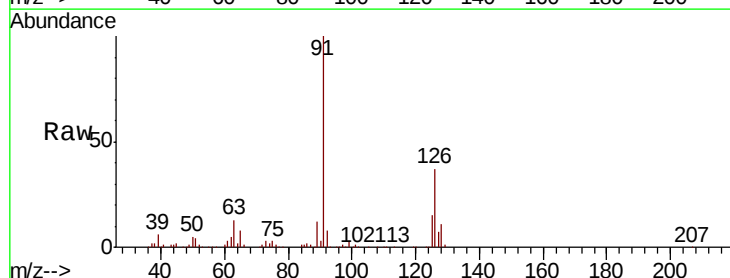
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#82
4-Chlorotoluene
Concen: 21.627 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.3	18.1	54.3





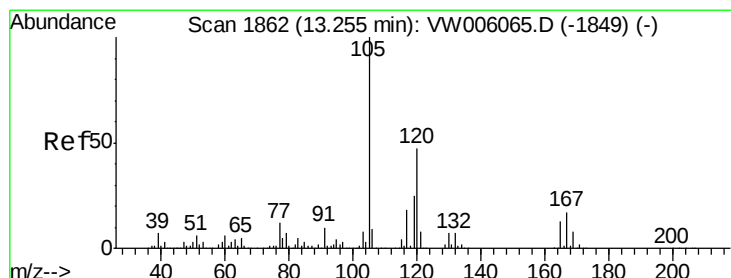
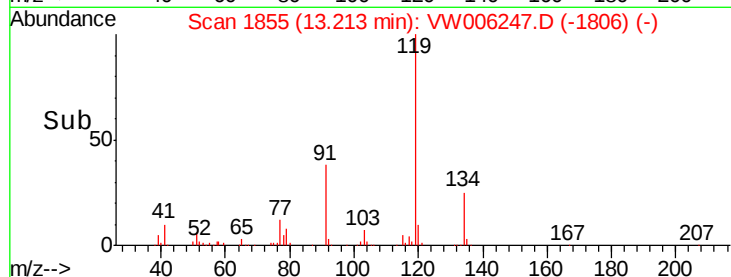
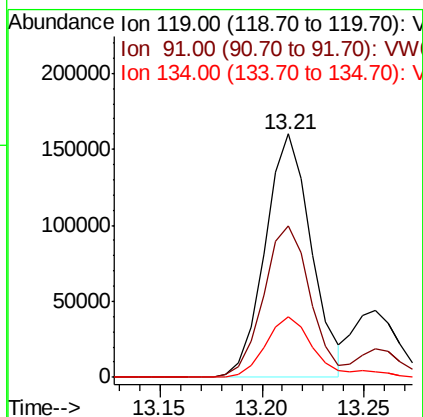
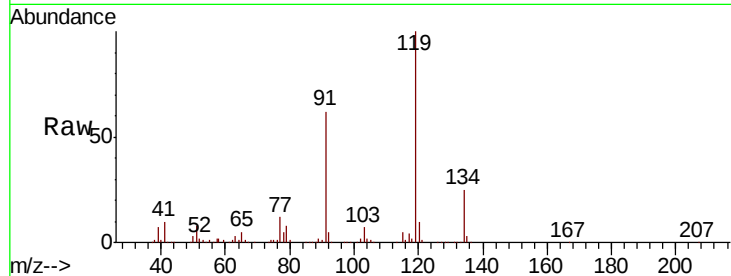
#83
tert-Butylbenzene
Concen: 21.518 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	252650		
91	62.7		32.3	96.9
134	27.0		13.6	40.8

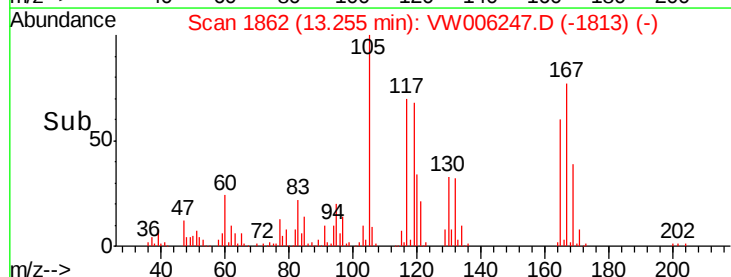
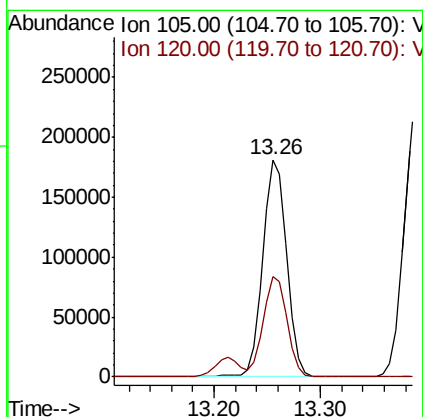
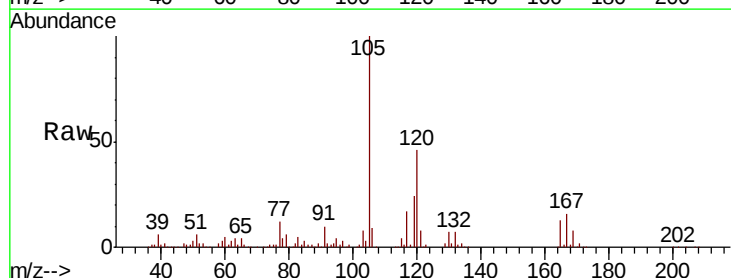
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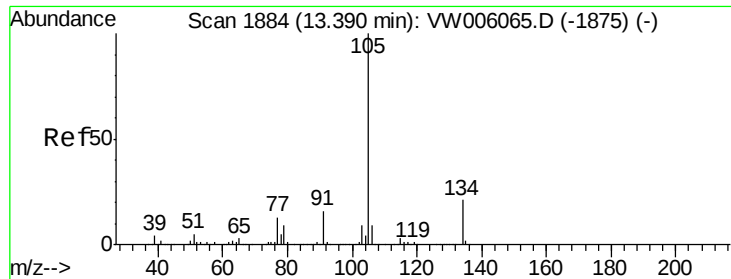
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#84
1,2,4-Trimethylbenzene
Concen: 21.545 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	286110		
120	45.8		23.1	69.3





#85

sec-Butylbenzene

Concen: 21.533 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

Tot Ion:105 Resp: 357174

Ion Ratio Lower Upper

105 100

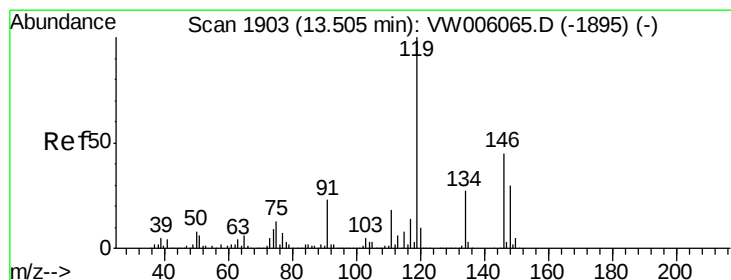
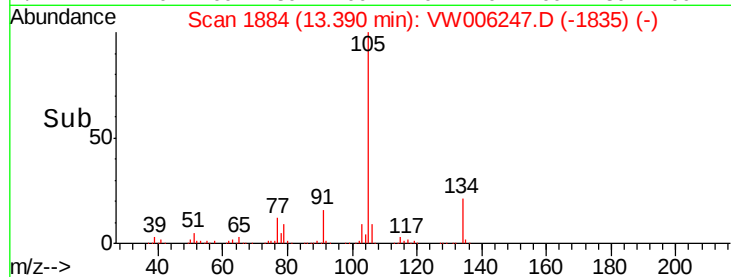
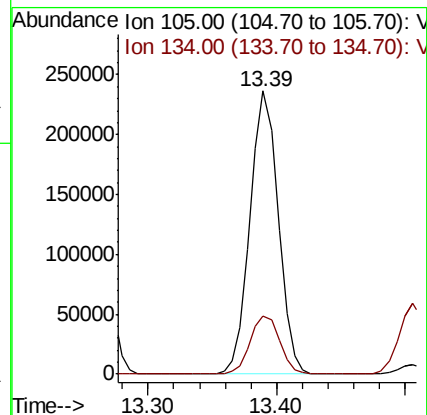
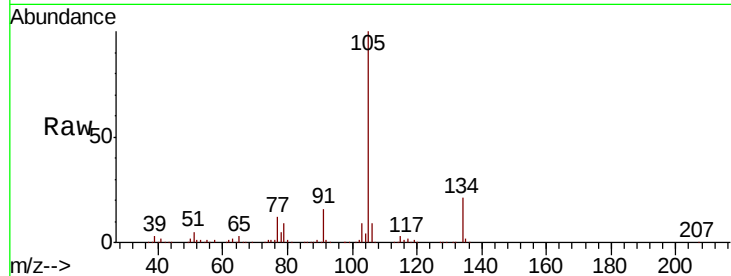
134 21.5 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 21.705 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

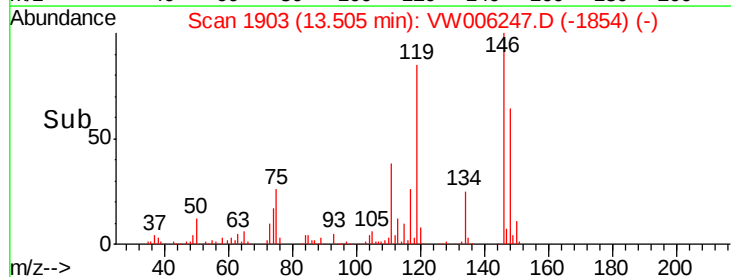
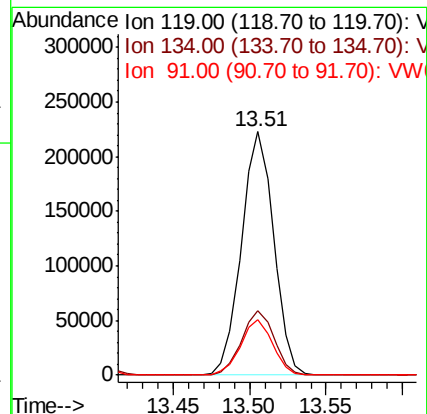
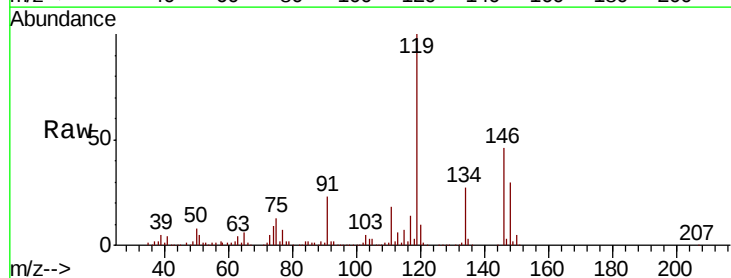
Tgt Ion:119 Resp: 325652

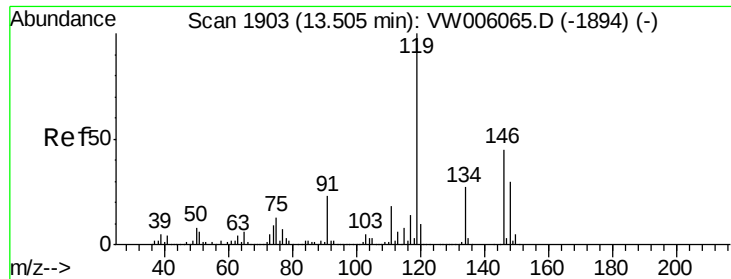
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.6 11.4 34.1





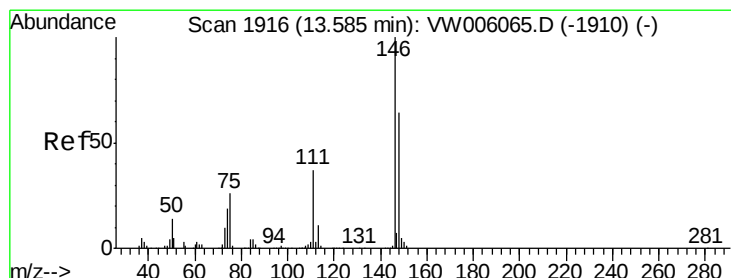
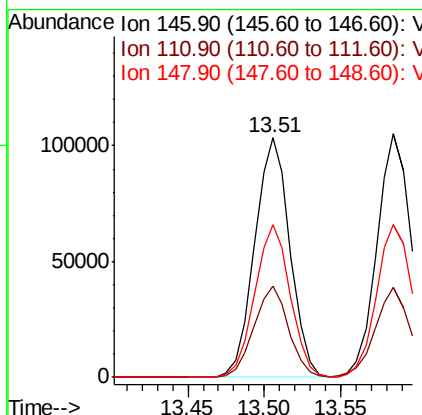
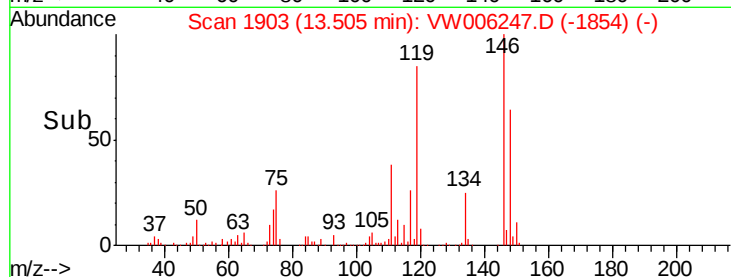
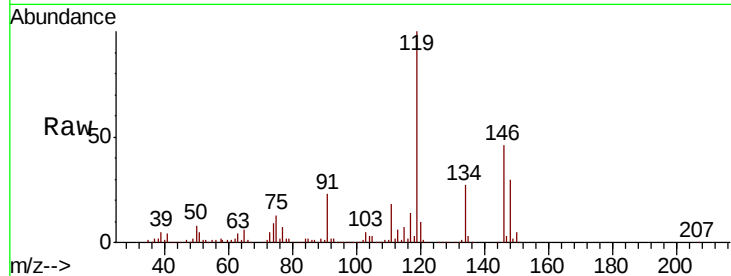
#87
 1,3-Dichlorobenzene
 Concen: 21.788 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006247.D
 Acq: 22 Oct 2018 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	165335		
111	37.4	19.1	57.5	
148	64.2	32.0	96.2	

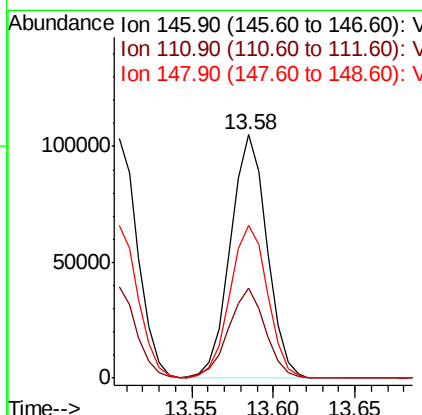
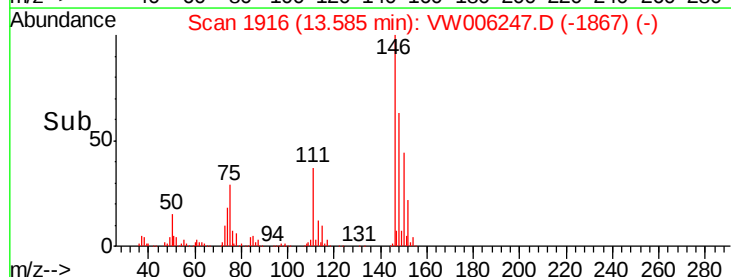
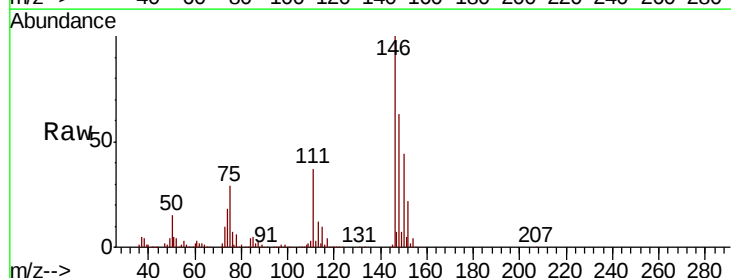
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#88
 1,4-Dichlorobenzene
 Concen: 21.690 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006247.D
 Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	163877		
111	37.4	18.6	56.0	
148	64.5	32.1	96.5	





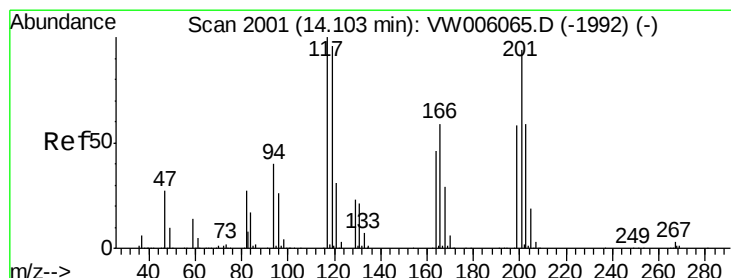
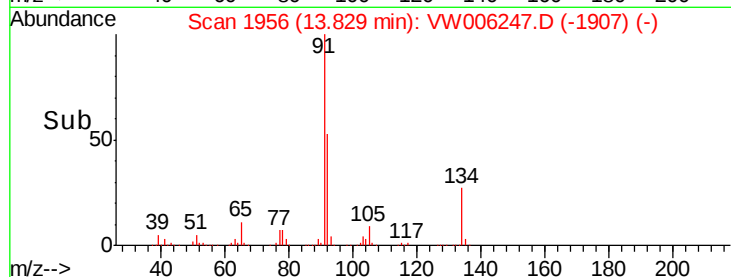
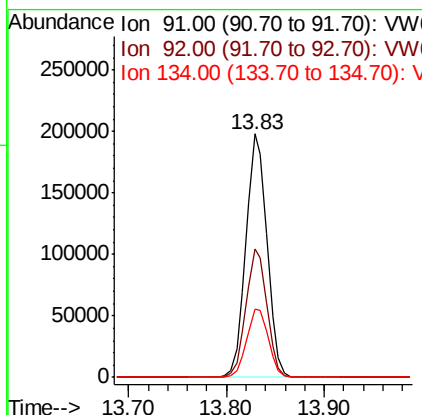
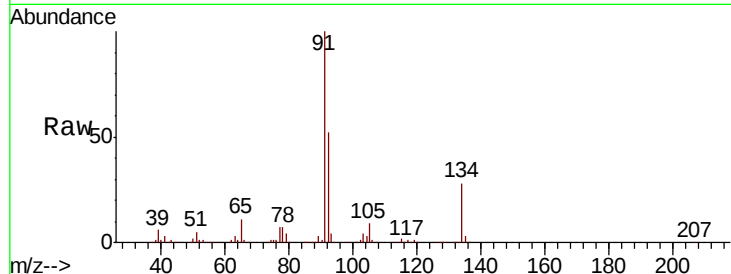
#89
n-Butylbenzene
Concen: 21.464 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	294515		
92	52.6		26.6	79.7
134	28.7		14.0	41.9

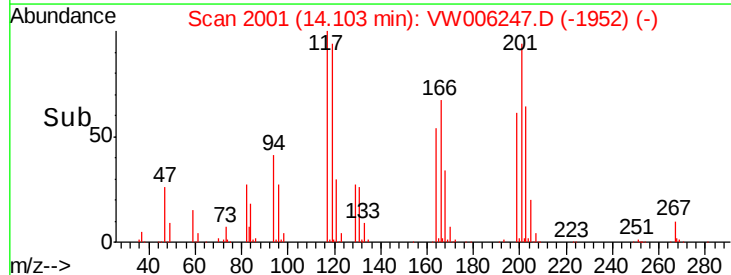
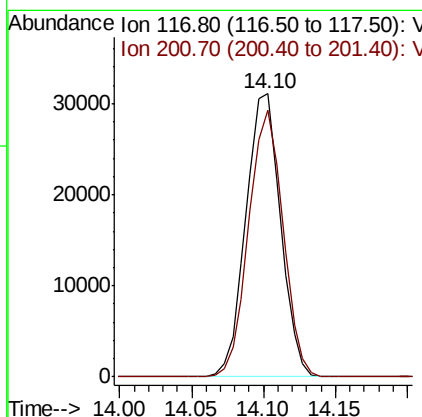
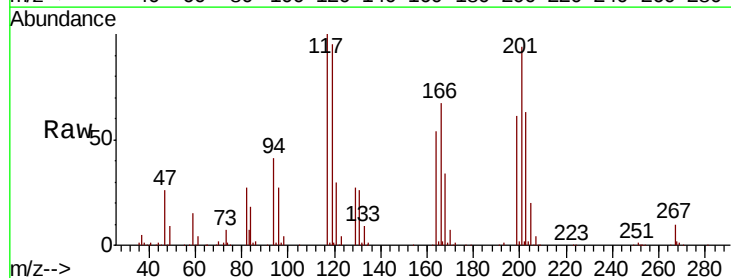
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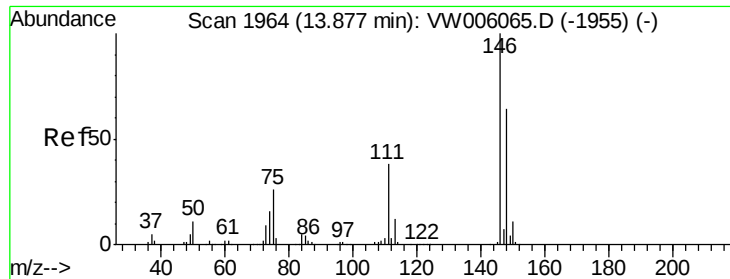
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#90
Hexachloroethane
Concen: 20.429 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	51917		
201	92.9		45.3	135.9





#91

1,2-Dichlorobenzene

Concen: 21.768 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

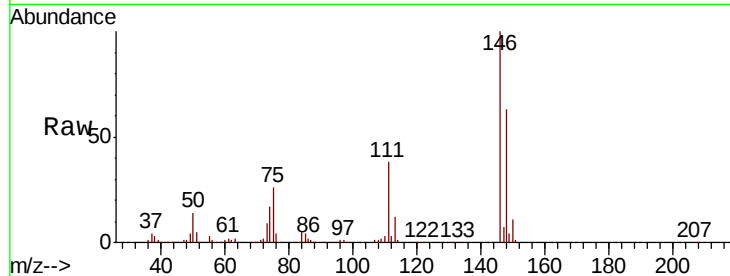
ClientSampleId :

VW1022SBS01

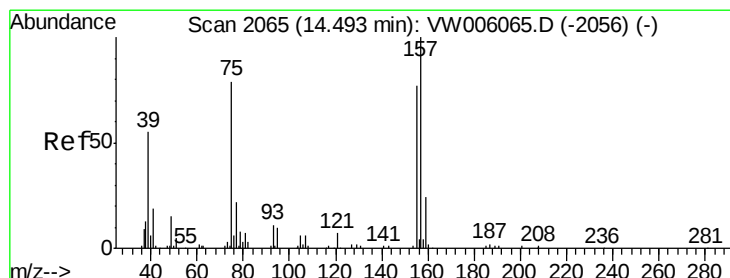
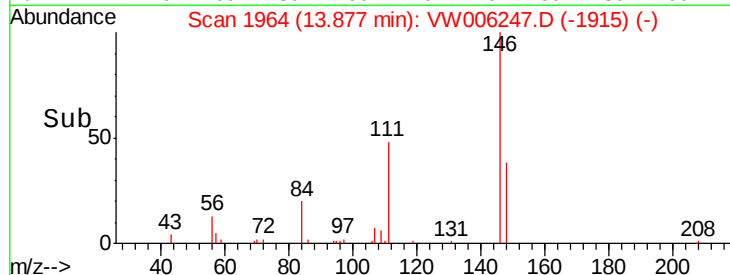
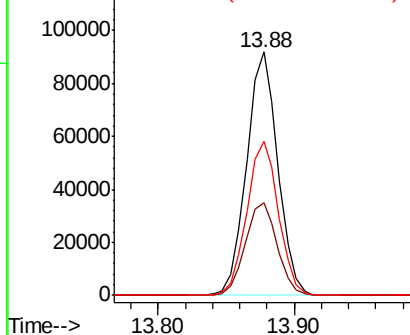
Tot Ion:	146	Resp:	147340
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.6	58.7
148	64.1	32.2	96.6

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.686 ug/l

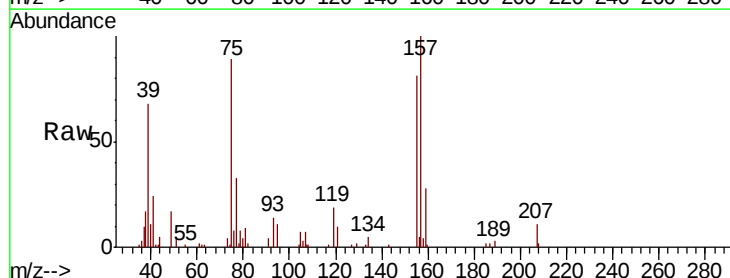
RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

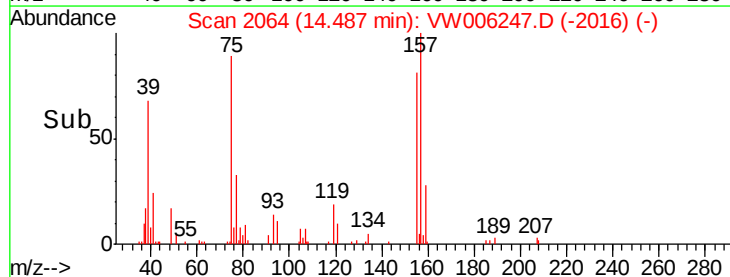
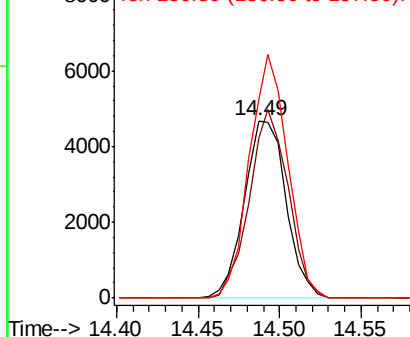
Lab File: VW006247.D

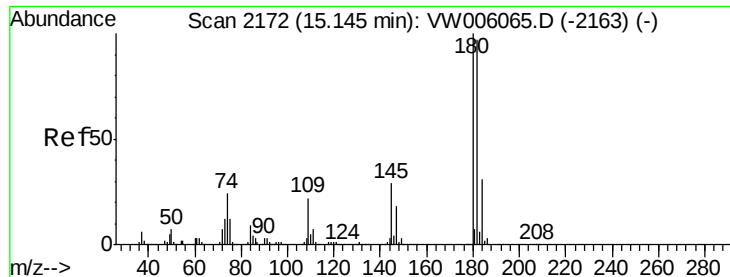
Acq: 22 Oct 2018 13:26

Tgt Ion:	75	Resp:	8345
Ion Ratio	Lower	Upper	
75	100		
155	99.0	46.5	139.5
157	126.0	59.8	179.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





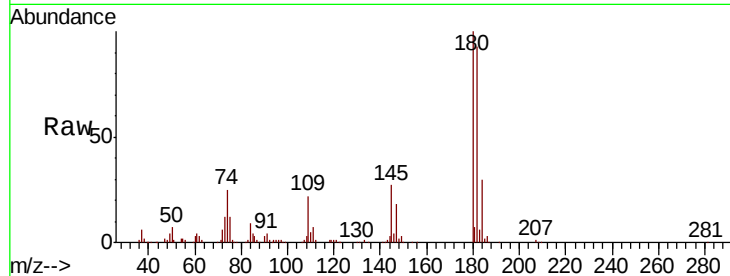
#93
1,2,4-Trichlorobenzene
Concen: 22.175 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.01 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

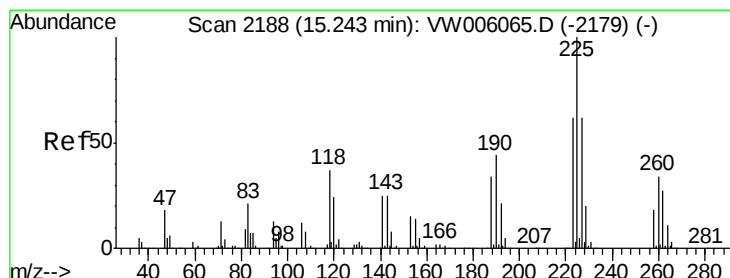
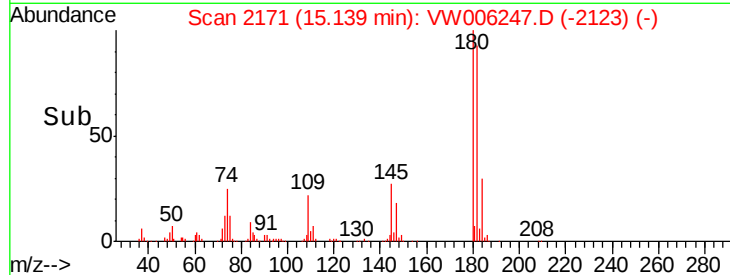
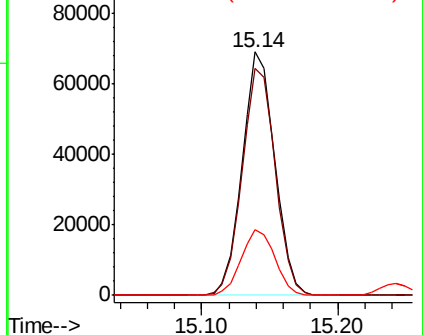
Tot Ion	Ratio	Resp	Lower	Upper
180	100	115491		
182	94.9	47.9	143.6	
145	27.9	14.2	42.8	

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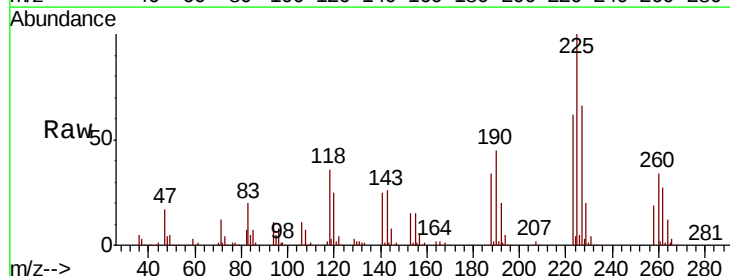


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

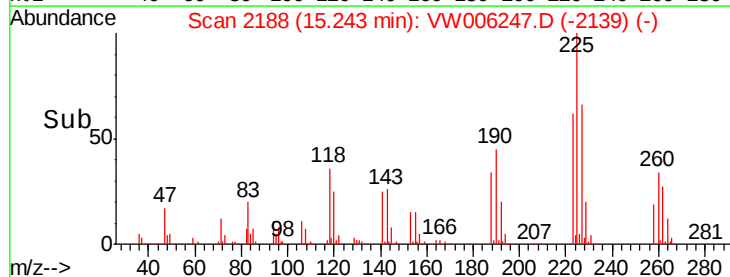
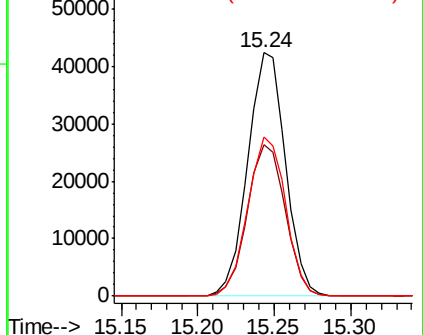


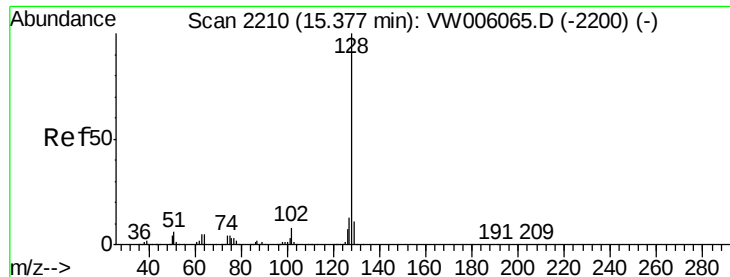
#94
Hexachlorobutadiene
Concen: 22.214 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW006247.D
Acq: 22 Oct 2018 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	72676		
223	62.7	31.1	93.5	
227	65.6	32.4	97.0	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.188 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006247.D

Acq: 22 Oct 2018 13:26

Instrument :

MSVOA_W

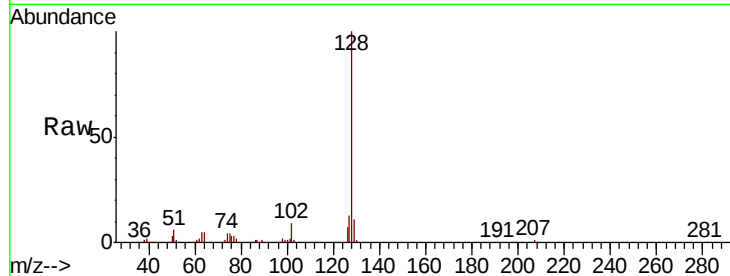
ClientSampleId :

VW1022SBS01

Tot Ion:	128	Resp:	183571
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.0	8.7	13.1

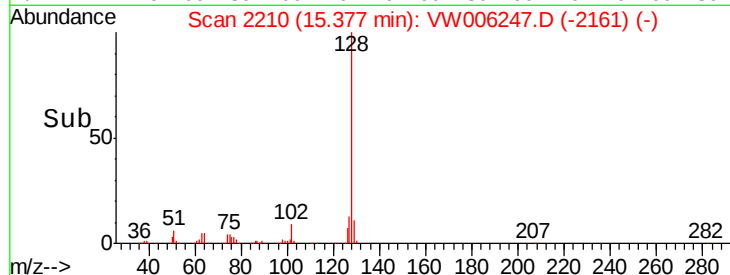
Manual Integrations
APPROVED

sam
10/24/2018 5:33:07 PM

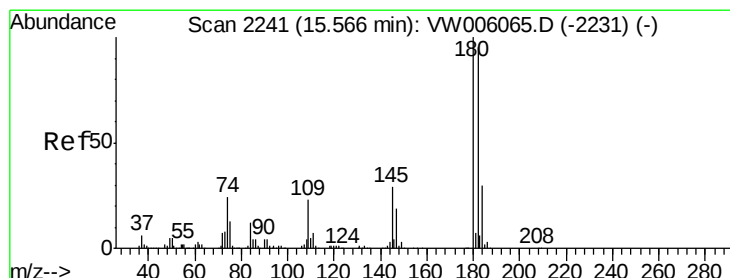


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

15.38



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 22.265 ug/l

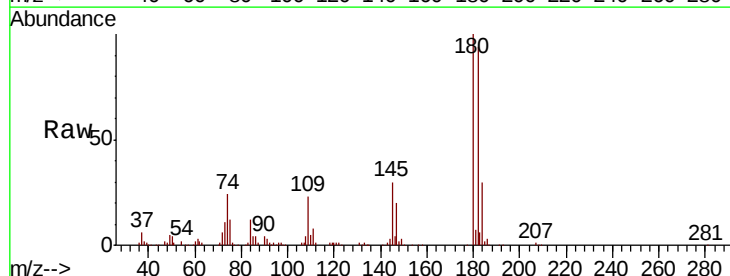
RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW006247.D

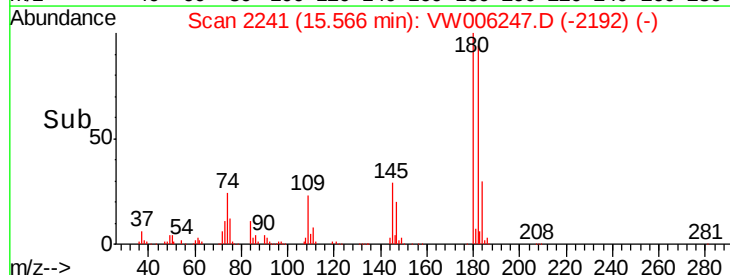
Acq: 22 Oct 2018 13:26

Tgt Ion:	180	Resp:	100299
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.8	143.3
145	30.1	15.0	45.1



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

15.57



Time-->