

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006677.D
 Acq On : 06 Nov 2018 10:39
 Operator : SY/AP
 Sample : VW1105SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Manual Integrations
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 11/6/2018 11:44:59 AM

Quant Time: Nov 06 11:11:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	348270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	187105	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	101415	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
35) Dibromofluoromethane	7.88	113	109278	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.33	98	420266	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.62	95	151890	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27009	20.713	ug/l	98
3) Chloromethane	2.21	50	31837	19.733	ug/l	98
4) Vinyl Chloride	2.37	62	47244	20.971	ug/l	96
5) Bromomethane	2.79	94	38962	20.608	ug/l	95
6) Chloroethane	2.93	64	33186	21.083	ug/l	99
7) Trichlorofluoromethane	3.26	101	42898	21.564	ug/l	98
8) Diethyl Ether	3.68	74	19629	18.050	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44411	20.906	ug/l	98
10) Methyl Iodide	4.26	142	74311	19.293	ug/l	100
11) Tert butyl alcohol	5.24	59	10561	90.653	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	41885	20.414	ug/l	96
13) Acrolein	3.90	56	12528	85.501	ug/l	99
14) Allyl chloride	4.66	41	52565	19.627	ug/l	99
15) Acrylonitrile	5.38	53	36321	93.150	ug/l	99
16) Acetone	4.15	43	39137	112.112	ug/l	100
17) Carbon Disulfide	4.37	76	119567	20.478	ug/l	99
18) Methyl Acetate	4.67	43	17541	17.474	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	57508	18.830	ug/l	99
20) Methylene Chloride	4.92	84	45431	16.022	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	46652	20.094	ug/l	97
22) Diisopropyl ether	6.32	45	109828	19.670	ug/l	99
23) Vinyl Acetate	6.26	43	293373	94.751	ug/l	100
24) 1,1-Dichloroethane	6.22	63	75286	19.895	ug/l	98
25) 2-Butanone	7.18	43	49545	99.461	ug/l	99
26) 2,2-Dichloropropane	7.17	77	50948	22.351	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	50401	19.404	ug/l	98
28) Bromochloromethane	7.51	49	28624	19.050	ug/l	98
29) Tetrahydrofuran	7.54	42	27916	89.098	ug/l	99
30) Chloroform	7.68	83	81563	19.660	ug/l	97
31) Cyclohexane	7.96	56	69800	20.267	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	72677	20.702	ug/l	99
36) 1,1-Dichloropropene	8.09	75	65265	21.310	ug/l	100
37) Ethyl Acetate	7.26	43	21734	20.478	ug/l	97
38) Carbon Tetrachloride	8.07	117	69037	21.572	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81959	21.087	ug/l	99
40) Benzene	8.32	78	180919	20.797	ug/l	100
41) Methacrylonitrile	7.49	41	11133	17.106	ug/l	94
42) 1,2-Dichloroethane	8.40	62	49907	20.004	ug/l	99
43) Isopropyl Acetate	8.43	43	40177	18.970	ug/l	99
44) Trichloroethene	9.09	130	56052	20.880	ug/l	100
45) 1,2-Dichloropropane	9.37	63	42257	20.873	ug/l	99
46) Dibromomethane	9.46	93	24142	20.286	ug/l	98
47) Bromodichloromethane	9.65	83	57160	20.686	ug/l	98
48) Methyl methacrylate	9.44	41	18621	18.249	ug/l	95
49) 1,4-Dioxane	9.49	88	6586	378.151	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	103097	94.782	ug/l	99
52) Toluene	10.39	92	120629	20.674	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	53609	20.159	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	63413	20.179	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	34230	20.272	ug/l	99
56) Ethyl methacrylate	10.65	69	35697	18.600	ug/l	97
57) 1,3-Dichloropropane	10.93	76	54881	20.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	97417	104.421	ug/l	100
59) 2-Hexanone	10.98	43	74658	101.056	ug/l	98
60) Dibromochloromethane	11.13	129	40550	20.269	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33449	19.948	ug/l	99
64) Tetrachloroethene	10.87	164	50814	19.706	ug/l	96
65) Chlorobenzene	11.66	112	142221	20.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49112	20.527	ug/l	99
67) Ethyl Benzene	11.74	91	238549	20.966	ug/l	98
68) m/p-Xylenes	11.85	106	189466	41.680	ug/l	99
69) o-Xylene	12.17	106	88207	20.382	ug/l	98
70) Styrene	12.19	104	144035	20.415	ug/l	99
71) Bromoform	12.35	173	24721	19.492	ug/l #	99
73) Isopropylbenzene	12.47	105	247818	20.106	ug/l	100
74) N-amyl acetate	12.28	43	38700	18.170	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	37902	19.470	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30452m	20.860	ug/l	
77) Bromobenzene	12.75	156	63626	19.938	ug/l	99
78) n-propylbenzene	12.81	91	292847	20.656	ug/l	100
79) 2-Chlorotoluene	12.90	91	161461	19.845	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	212216	20.494	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9711	18.971	ug/l	97
82) 4-Chlorotoluene	12.99	91	173855	20.197	ug/l	99
83) tert-Butylbenzene	13.21	119	188246	20.385	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	214045	20.153	ug/l	100
85) sec-Butylbenzene	13.39	105	268255	20.741	ug/l	100
86) p-Isopropyltoluene	13.51	119	241544	20.525	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	128036	20.372	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	126048	20.233	ug/l	99
89) n-Butylbenzene	13.83	91	219842	21.045	ug/l	99
90) Hexachloroethane	14.10	117	39114	20.223	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	112426	19.887	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5350	16.937	ug/l	95

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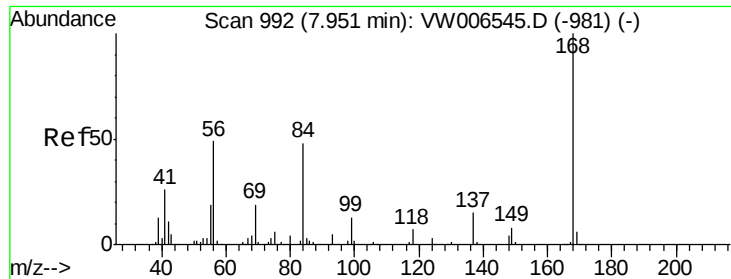
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	83707	19.913	ug/l	100
94) Hexachlorobutadiene	15.24	225	54524	20.812	ug/l	100
95) Naphthalene	15.38	128	122092	18.072	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	71067	19.236	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: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

Tot Ion:168 Resp: 251540

Ion Ratio Lower Upper

168 100

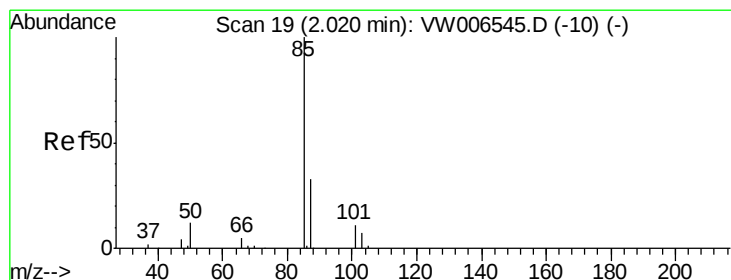
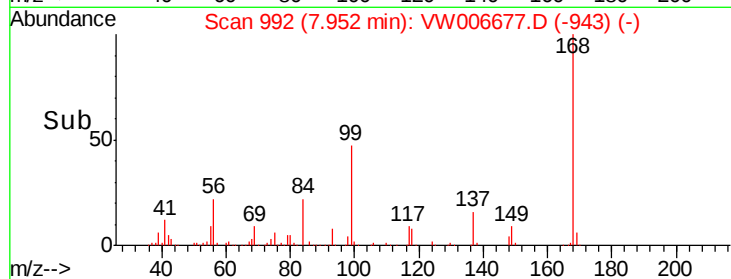
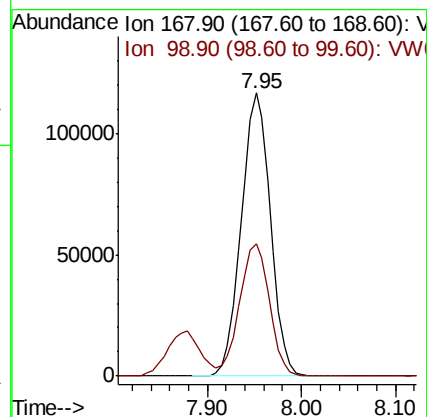
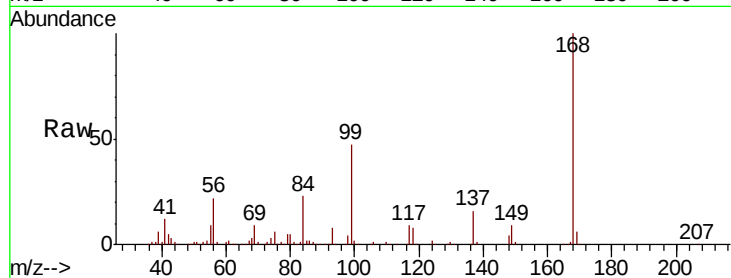
99 46.9 37.4 56.0

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#2

Dichlorodifluoromethane

Concen: 20.713 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006677.D

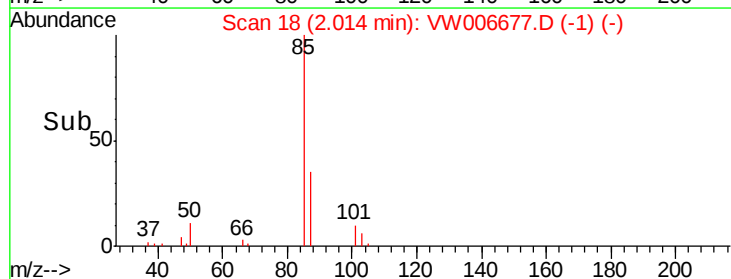
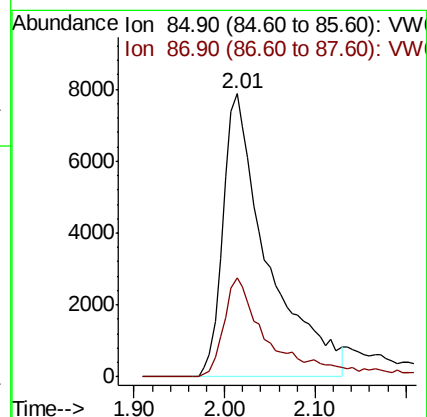
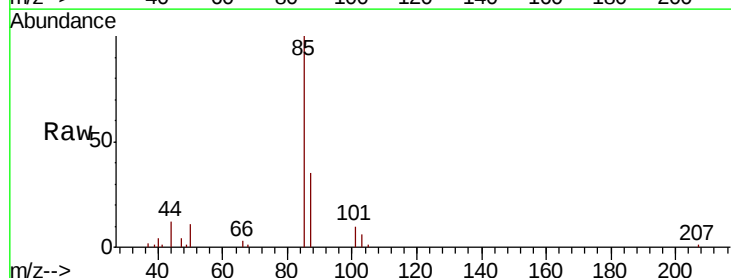
Acq: 06 Nov 2018 10:39

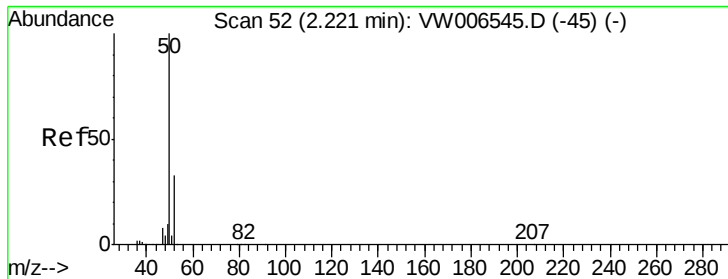
Tgt Ion: 85 Resp: 27009

Ion Ratio Lower Upper

85 100

87 34.8 16.8 50.3





#3

Chloromethane

Concen: 19.733 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

Tot Ion: 50 Resp: 31837

Ion Ratio Lower Upper

50 100

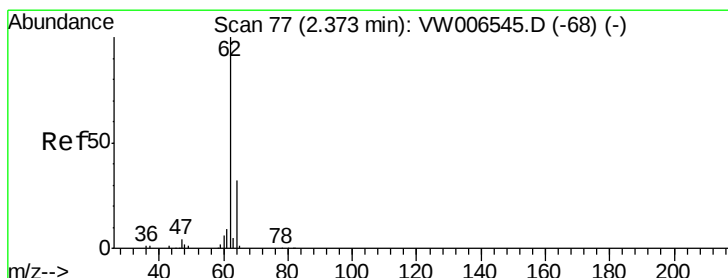
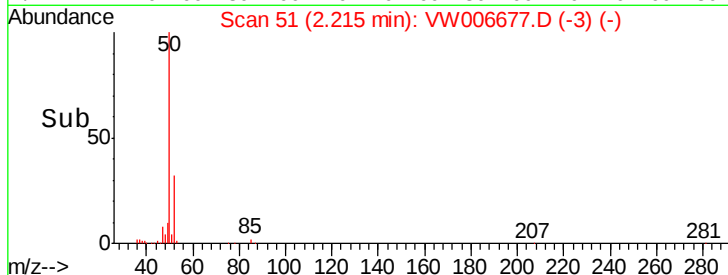
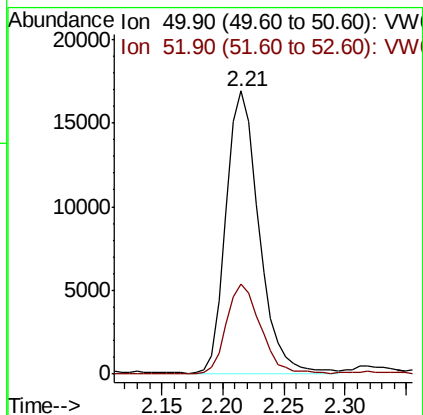
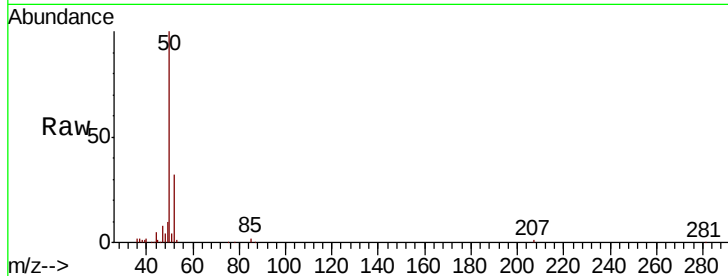
52 31.8 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.971 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006677.D

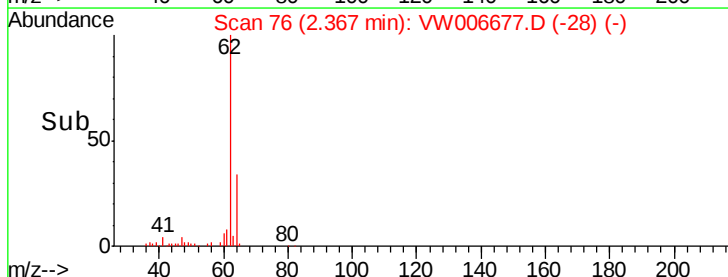
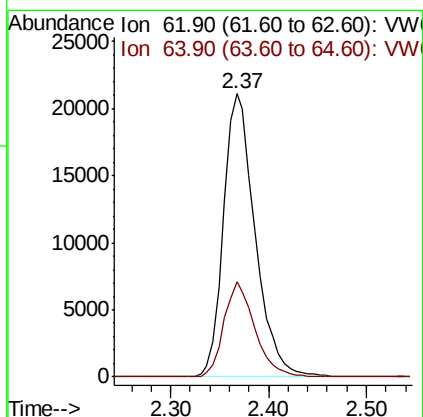
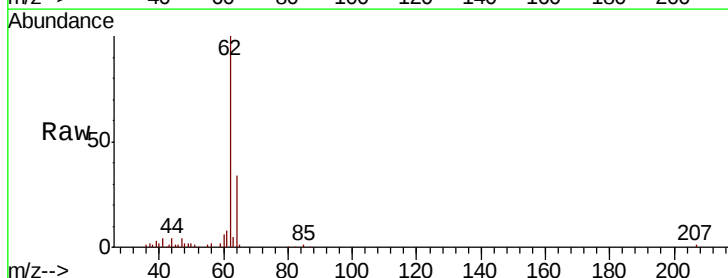
Acq: 06 Nov 2018 10:39

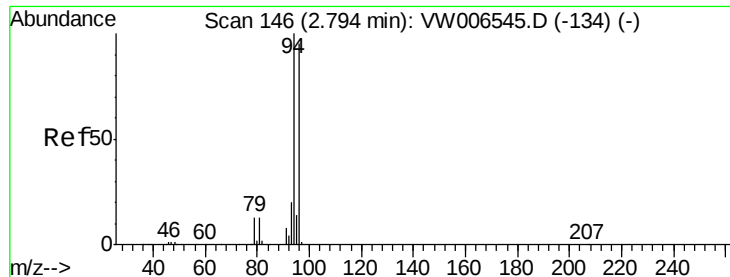
Tgt Ion: 62 Resp: 47244

Ion Ratio Lower Upper

62 100

64 33.7 25.4 38.0





#5

Bromomethane

Concen: 20.608 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

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Tot Ion: 94 Resp: 38962

Ion Ratio Lower Upper

94 100

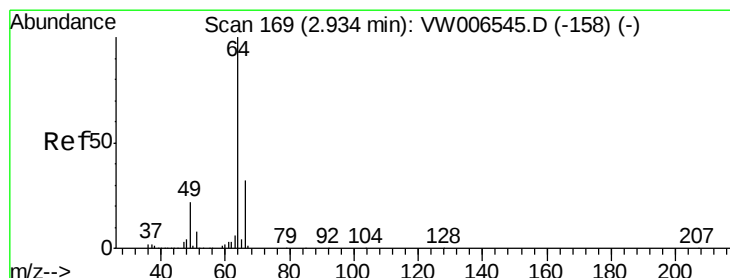
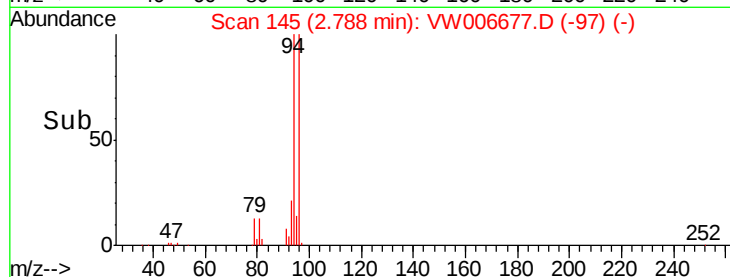
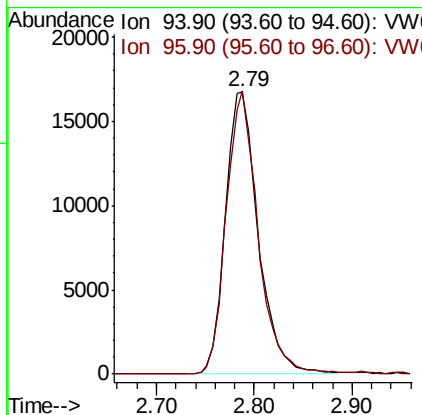
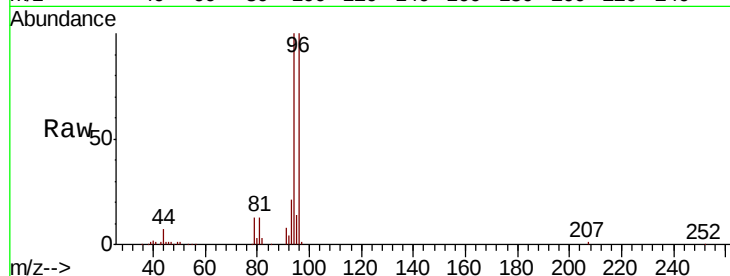
96 99.8 75.7 113.5

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#6

Chloroethane

Concen: 21.083 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006677.D

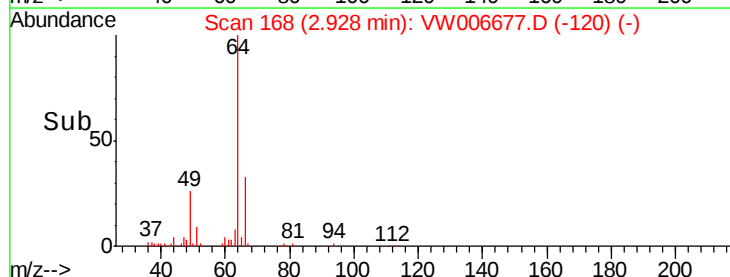
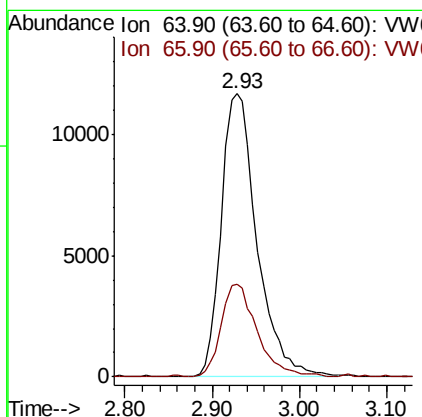
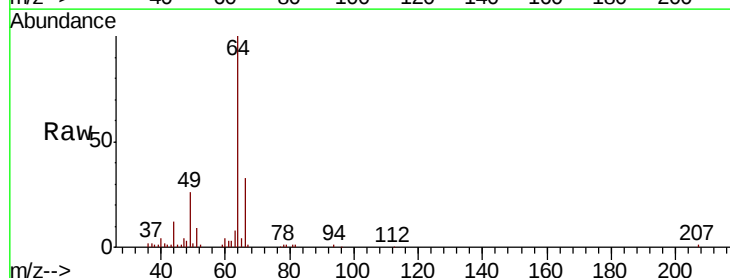
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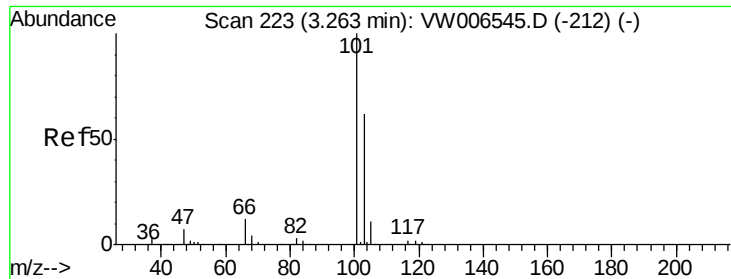
Tgt Ion: 64 Resp: 33186

Ion Ratio Lower Upper

64 100

66 32.9 25.9 38.9





#7

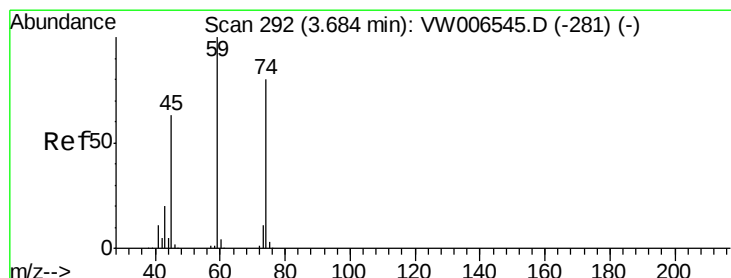
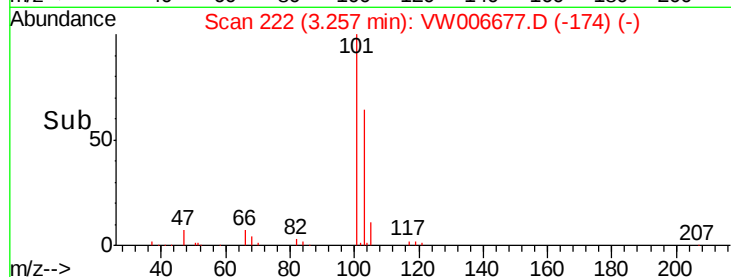
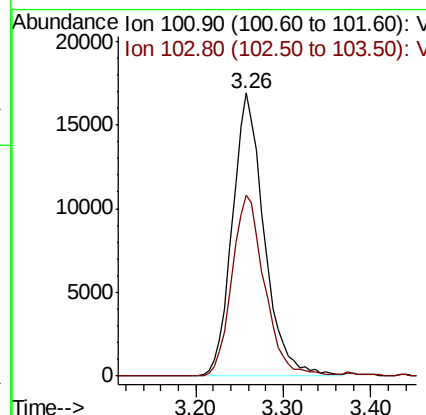
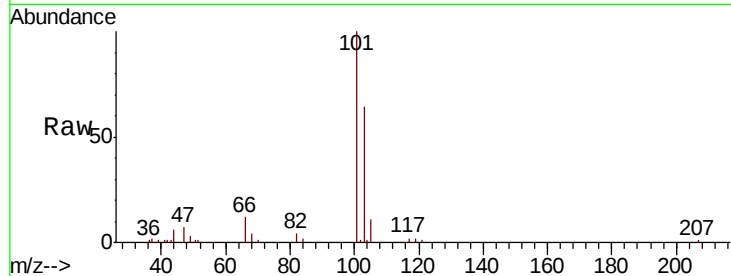
Trichlorofluoromethane
 Concen: 21.564 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006677.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	49.8	74.8

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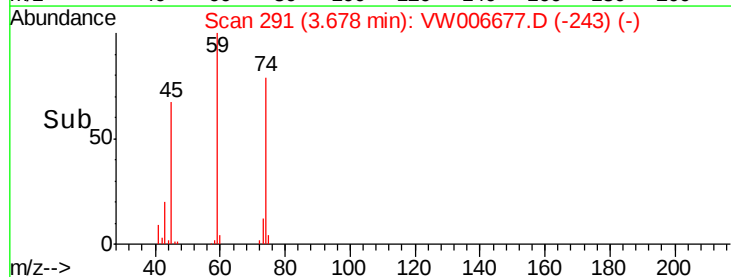
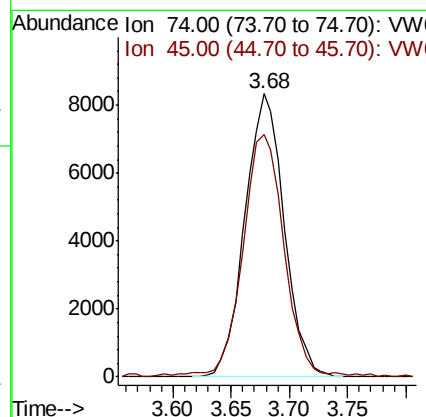
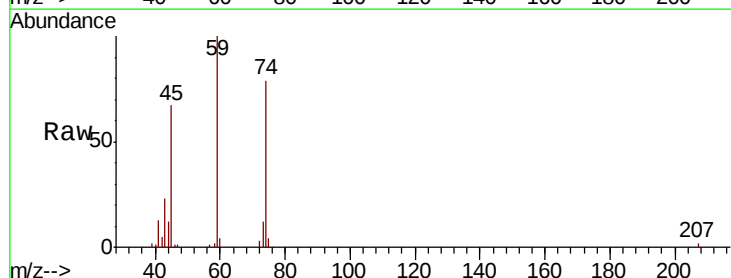
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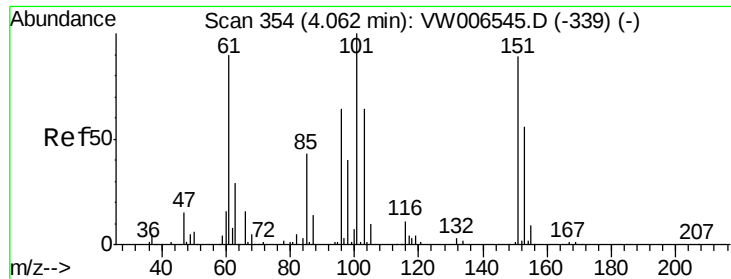


#8

Diethyl Ether
 Concen: 18.050 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.3	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.906 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

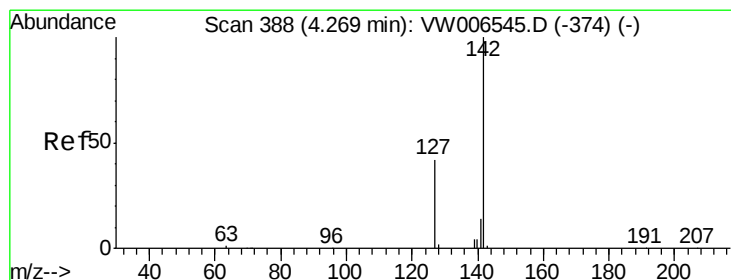
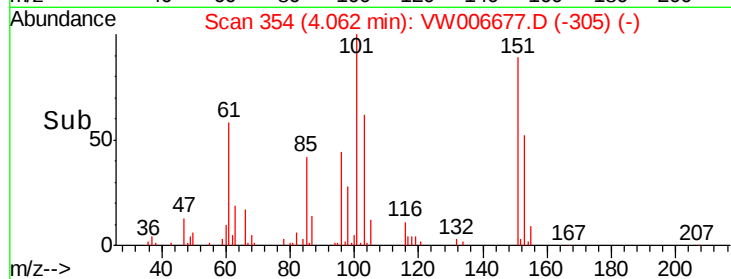
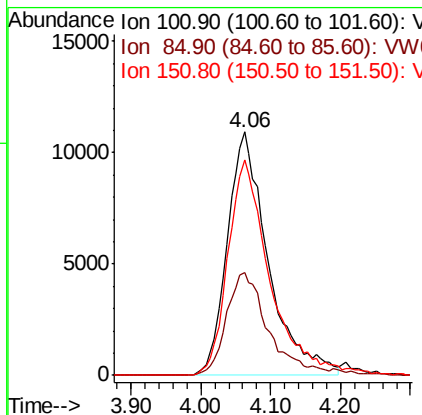
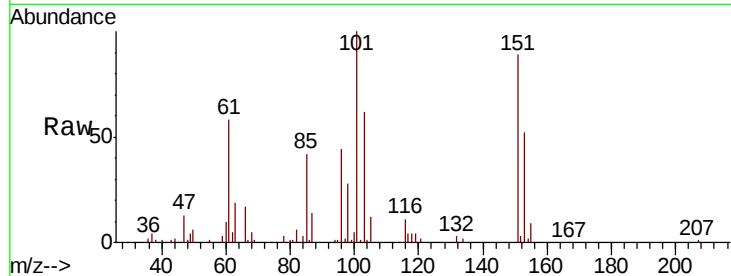
ClientSampleId :

VW1105SBS02

Tot Ion:	101	Resp:	44411
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.2	51.2
151	91.1	70.7	106.1

Manual Integrations
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#10

Methyl Iodide

Concen: 19.293 ug/l

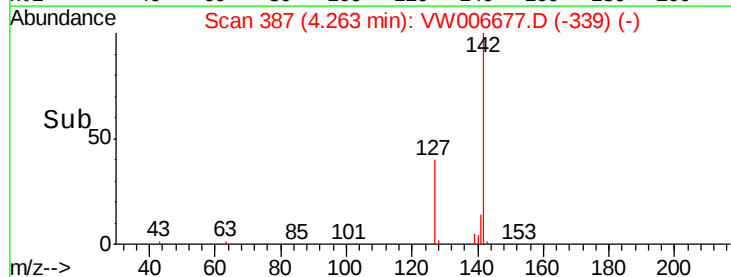
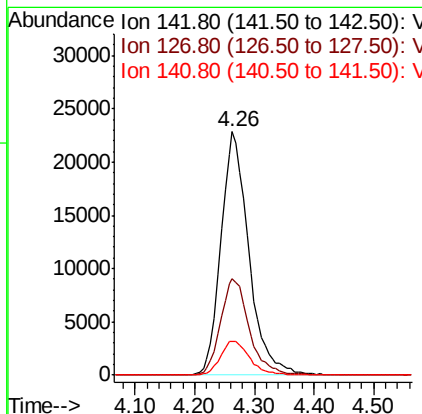
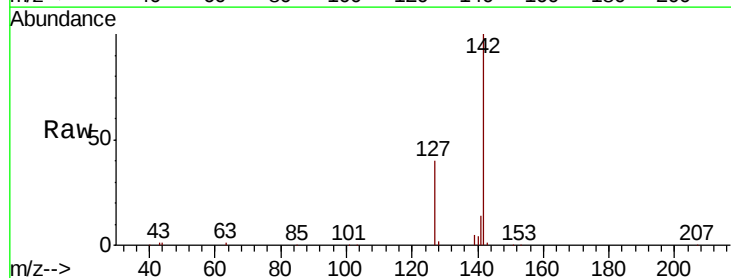
RT: 4.26 min Scan# 387

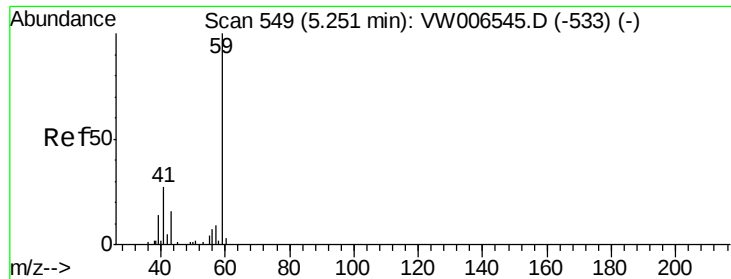
Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Tgt Ion:	142	Resp:	74311
Ion Ratio	Lower	Upper	
142	100		
127	40.6	32.3	48.5
141	14.6	11.3	16.9





#11

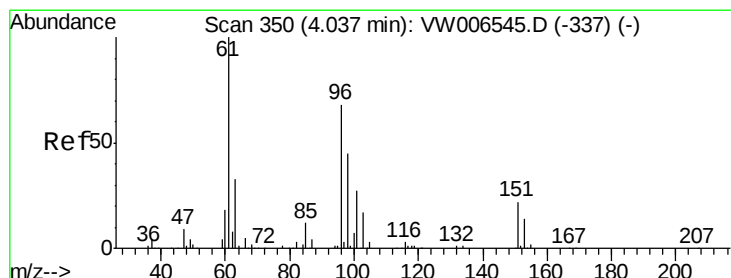
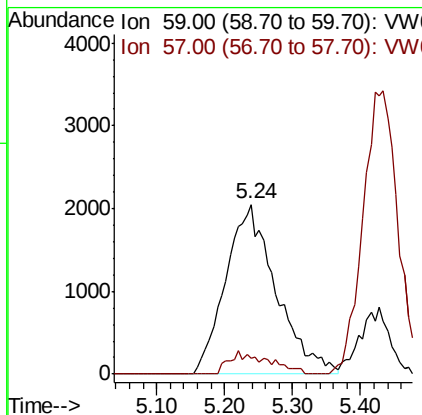
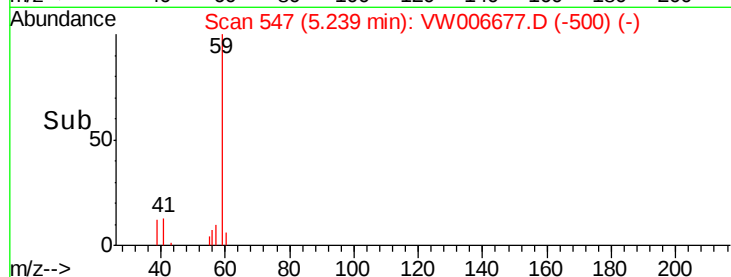
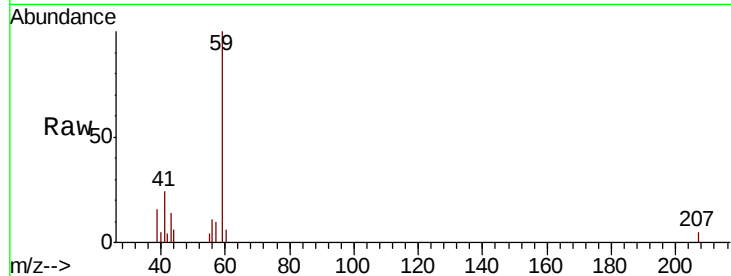
Tert butyl alcohol
Concen: 90.653 ug/l
RT: 5.24 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	4.3	6.5#

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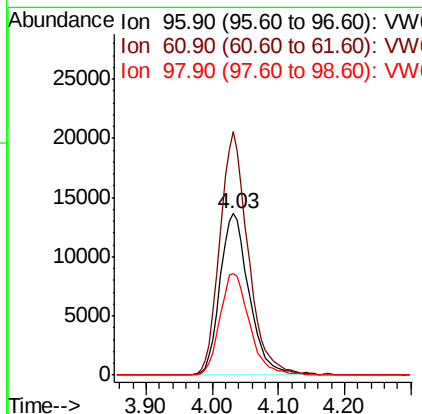
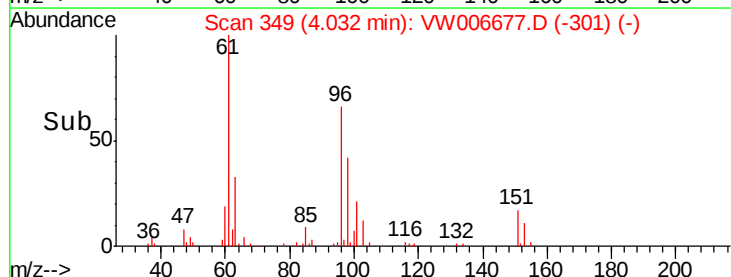
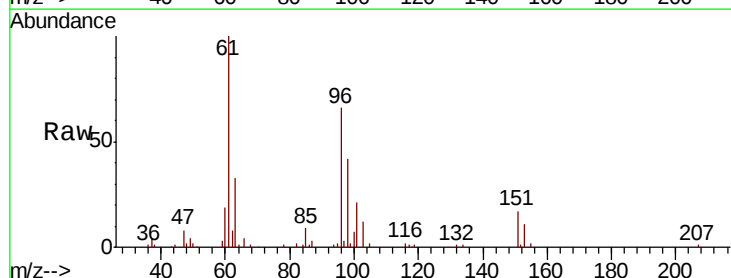
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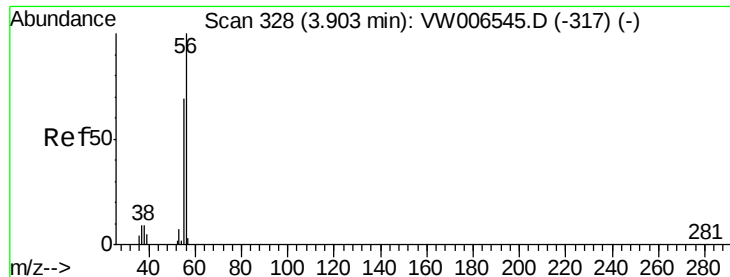


#12

1,1-Dichloroethene
Concen: 20.414 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.8	117.0	175.4
98	63.1	52.5	78.7





#13

Acrolein

Concen: 85.501 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

Tot Ion: 56 Resp: 12528

Ion Ratio Lower Upper

56 100

55 70.5

56.9

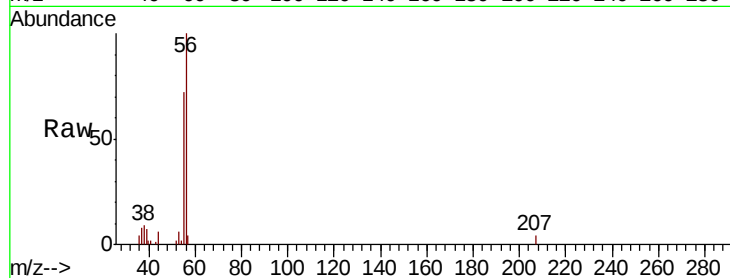
85.3

Manual Integrations

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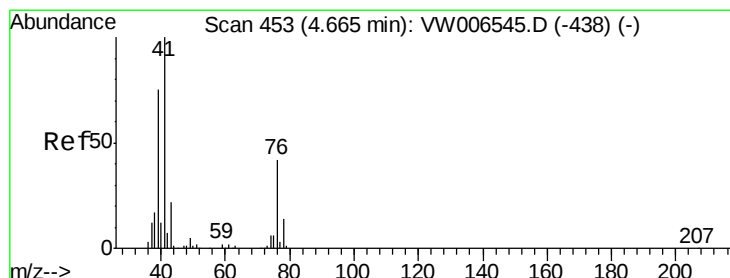
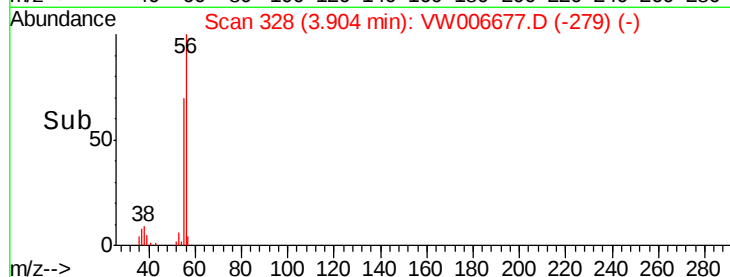
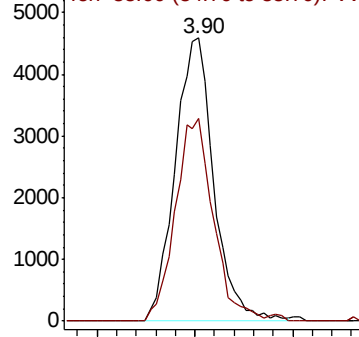
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.627 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Tgt Ion: 41 Resp: 52565

Ion Ratio Lower Upper

41 100

39 78.7

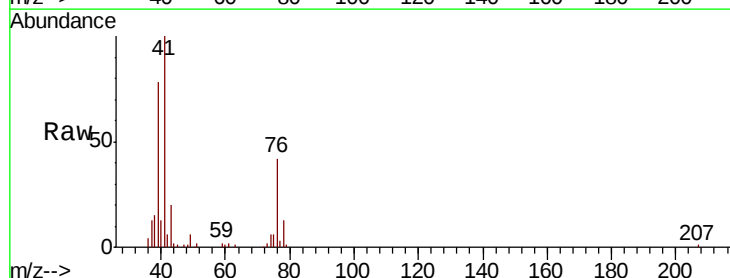
62.1

93.1

76 42.6

34.2

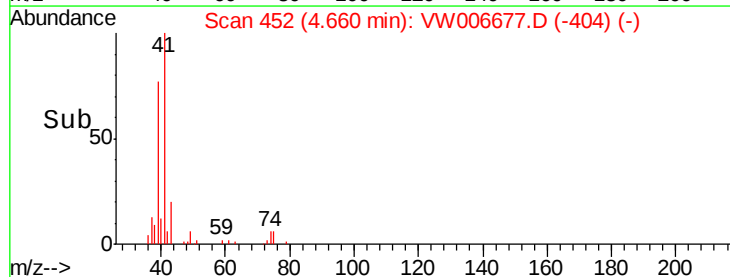
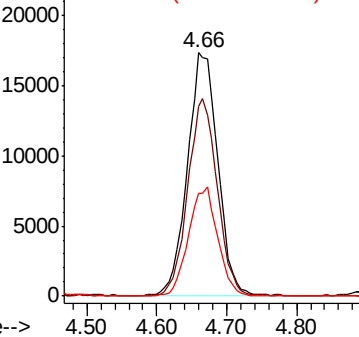
51.2

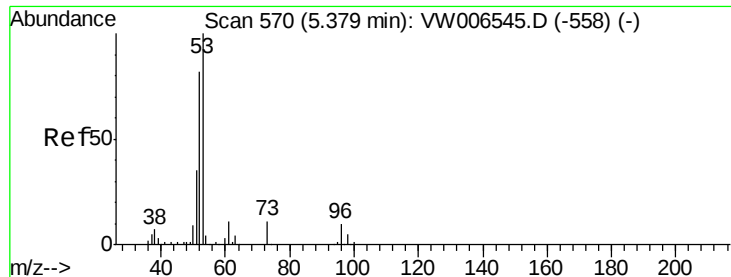


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 93.150 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

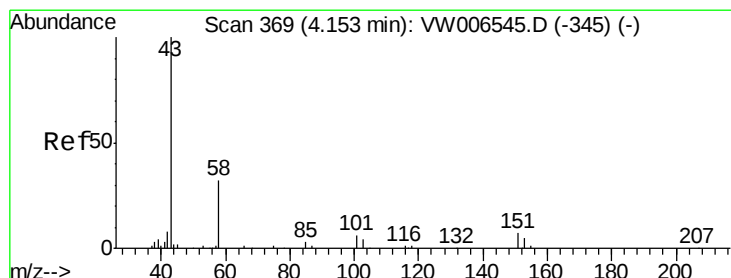
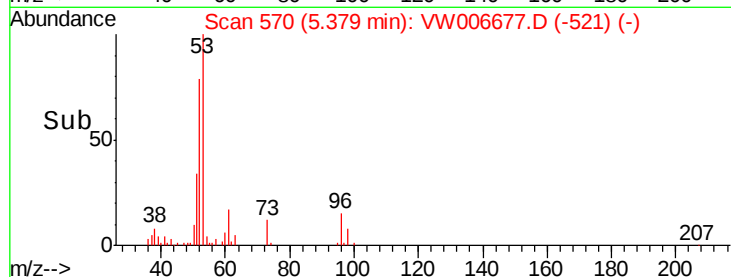
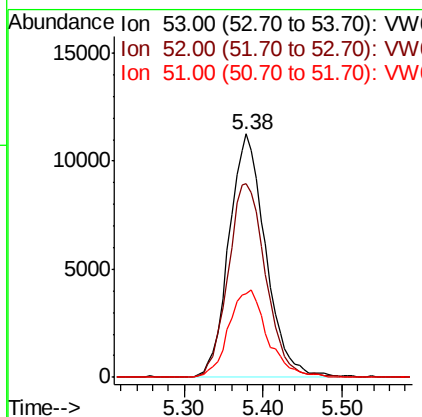
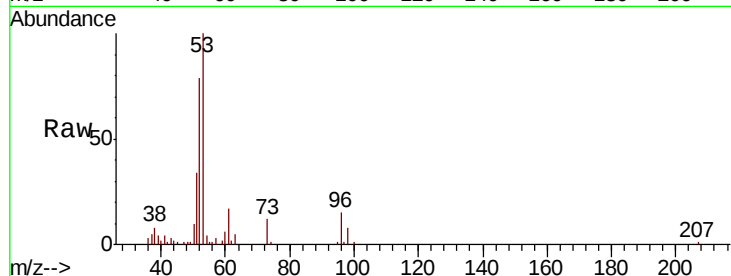
ClientSampleId :

VW1105SBS02

Tot Ion:	53	Resp:	36321
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.8	98.8
51	38.1	29.6	44.4

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#16

Acetone

Concen: 112.112 ug/l

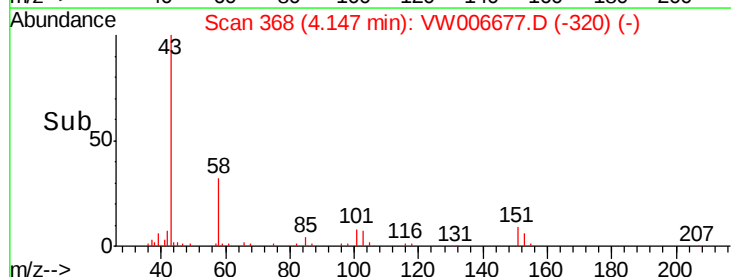
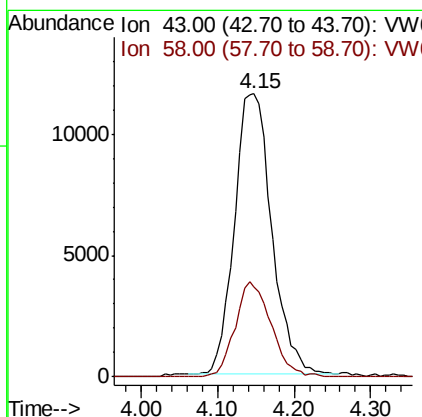
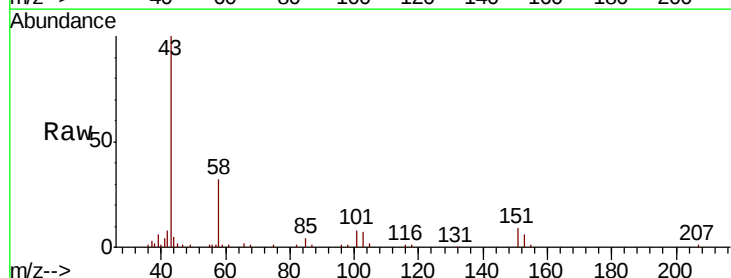
RT: 4.15 min Scan# 368

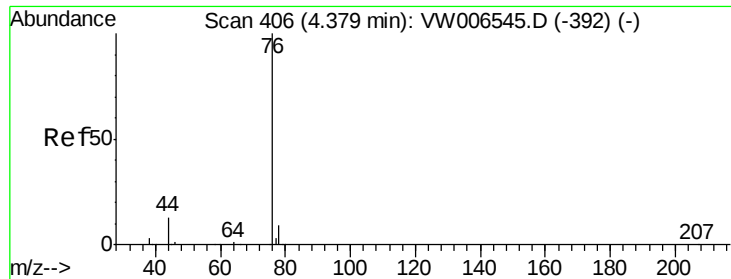
Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Tgt Ion:	43	Resp:	39137
Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.8	38.8





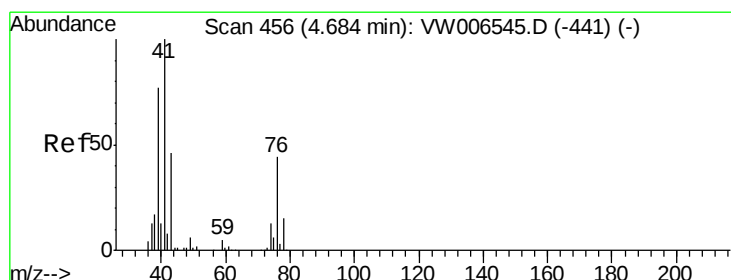
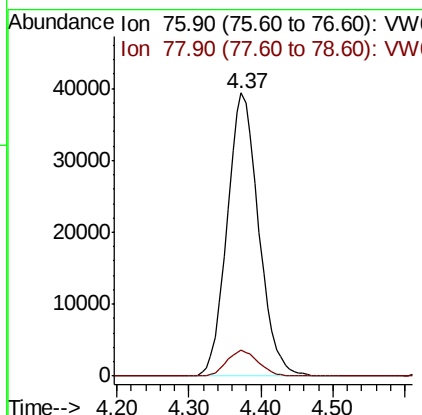
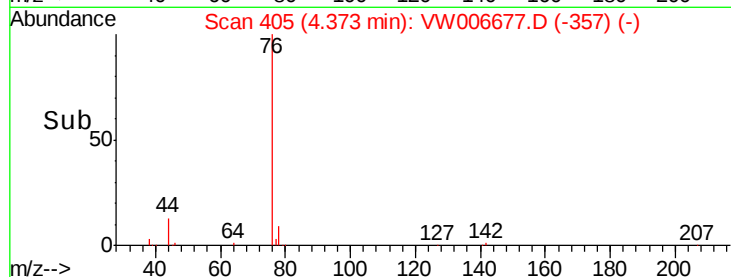
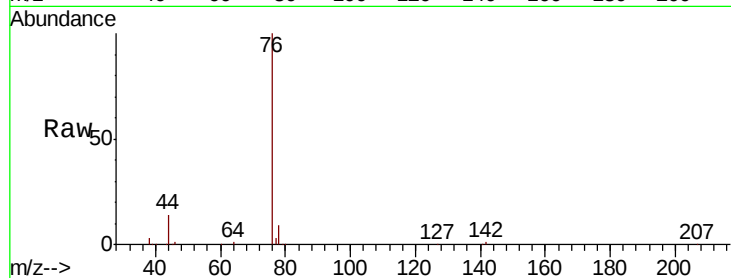
#17
Carbon Disulfide
Concen: 20.478 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

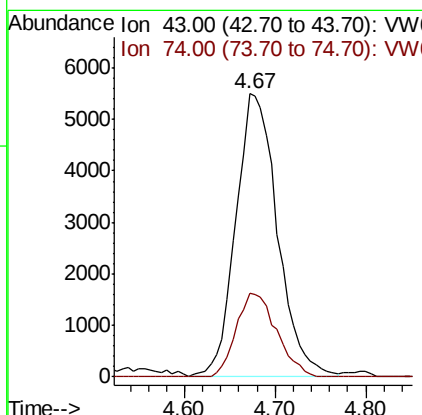
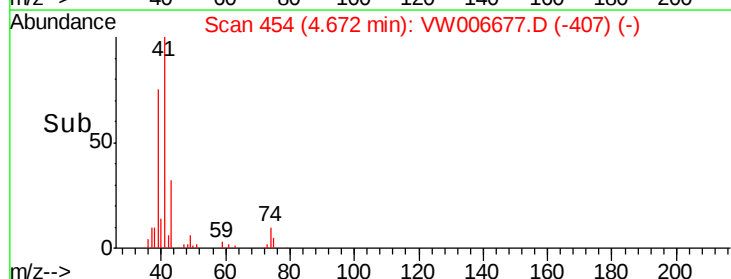
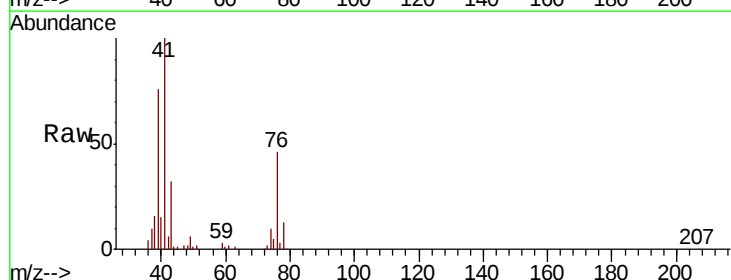
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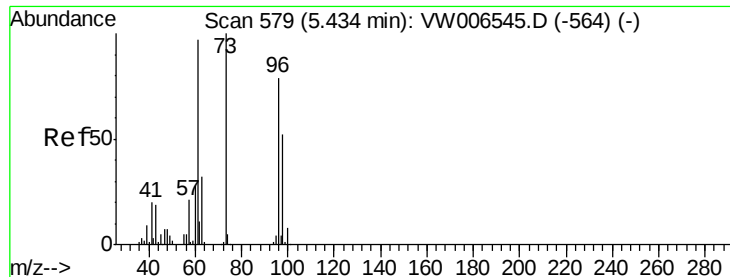
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#18
Methyl Acetate
Concen: 17.474 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.5	21.9	32.9





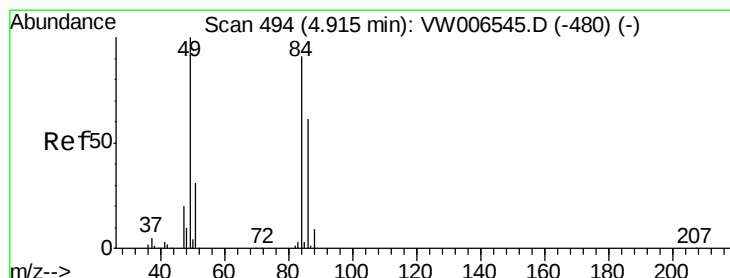
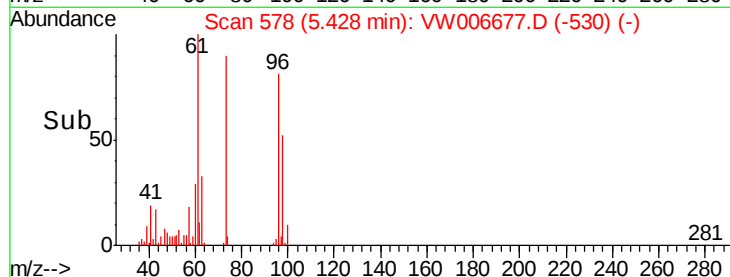
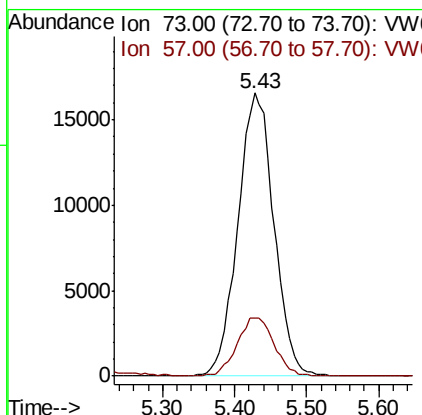
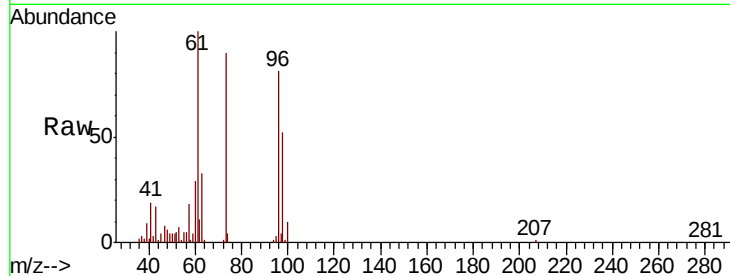
#19
Methyl tert-butyl Ether
Concen: 18.830 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	16.7	25.1

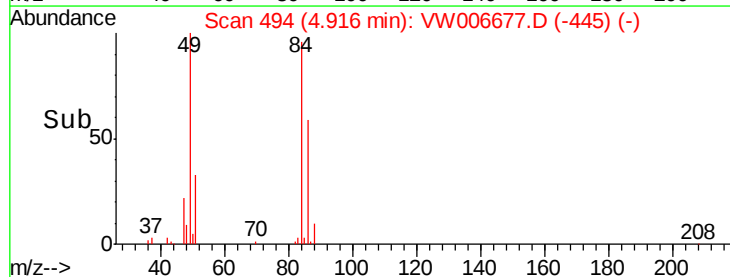
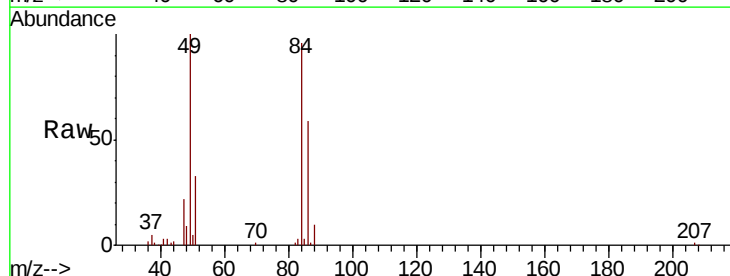
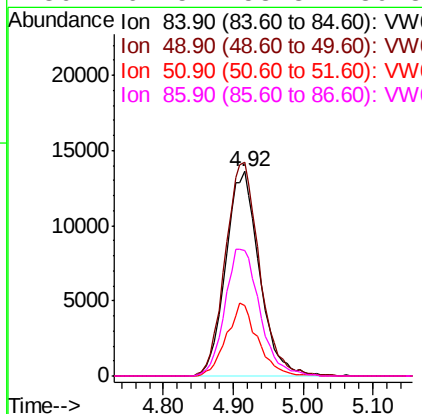
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#20
Methylene Chloride
Concen: 16.022 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	104.6	88.2	132.4
51	34.2	27.0	40.6
86	61.5	53.8	80.8





#21

trans-1,2-Dichloroethene

Concen: 20.094 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

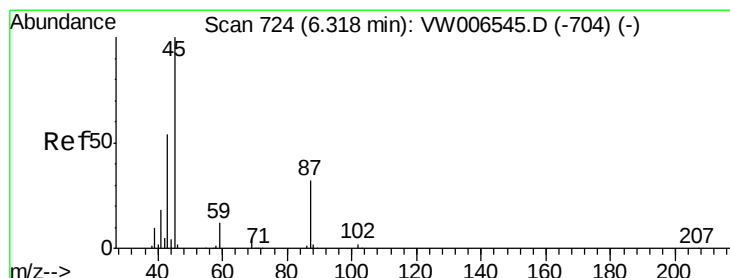
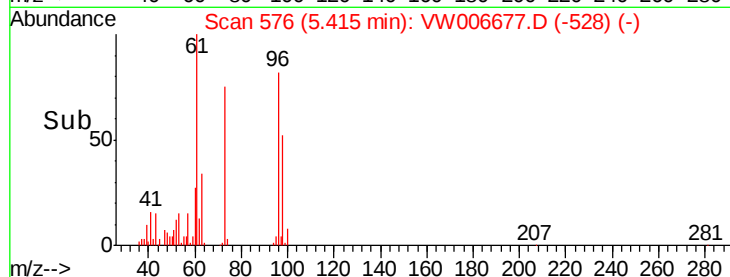
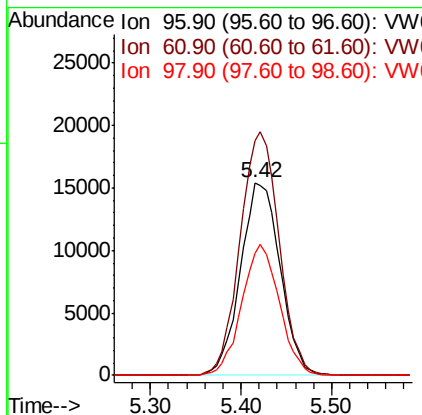
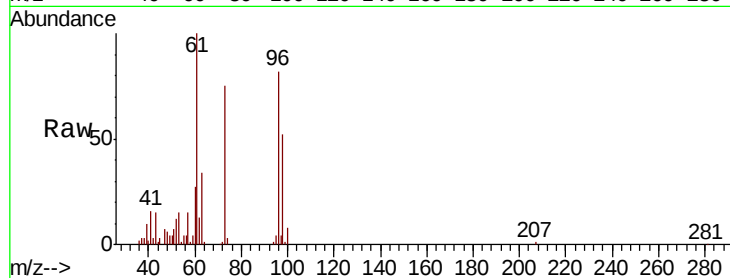
ClientSampleId :

VW1105SBS02

Tot Ion:	96	Resp:	46652
Ion	Ratio	Lower	Upper
96	100		
61	122.1	100.6	150.8
98	63.0	52.9	79.3

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#22

Diisopropyl ether

Concen: 19.670 ug/l

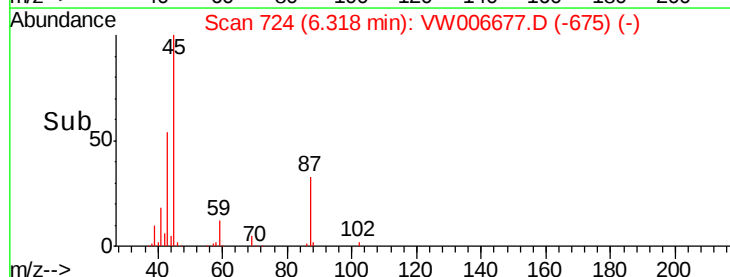
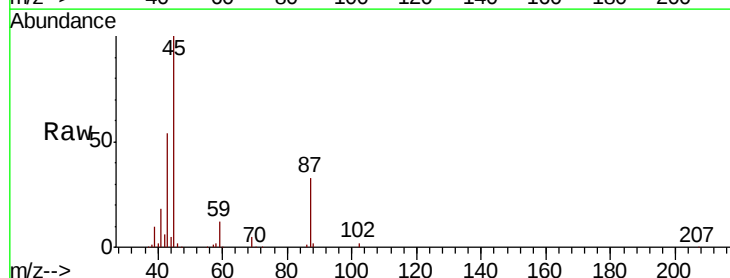
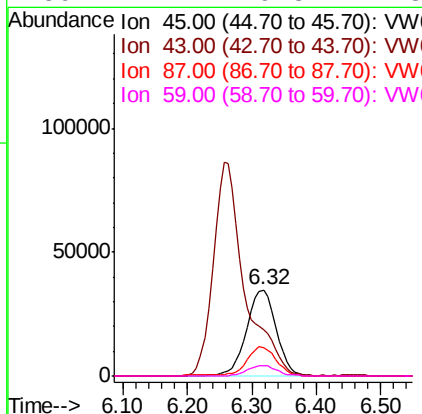
RT: 6.32 min Scan# 724

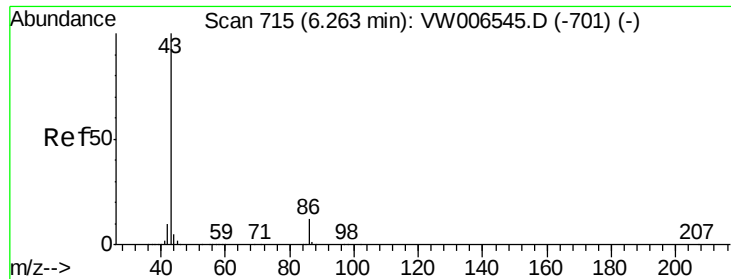
Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Tgt Ion:	45	Resp:	109828
Ion	Ratio	Lower	Upper
45	100		
43	53.4	43.6	65.4
87	33.1	26.3	39.5
59	12.4	9.8	14.8





#23

Vinyl Acetate

Concen: 94.751 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

Tot Ion: 43 Resp: 293373

Ion Ratio Lower Upper

43 100

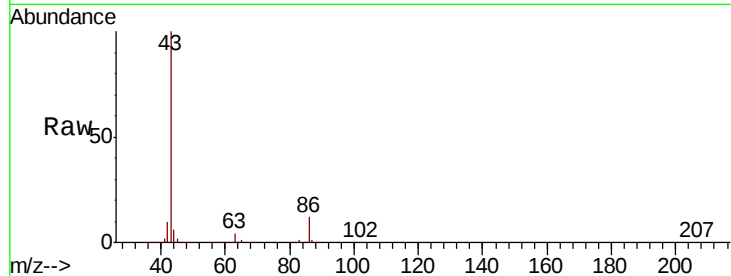
86 12.3 9.8 14.8

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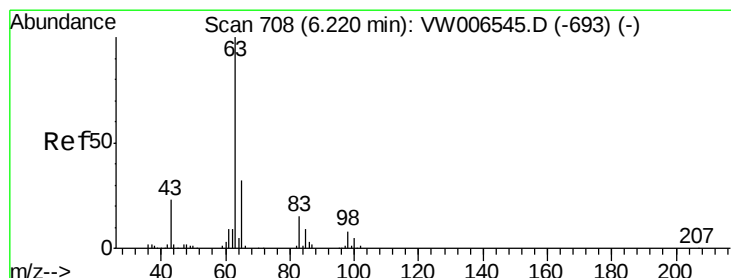
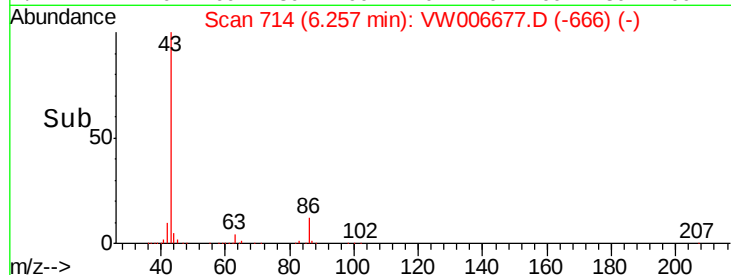
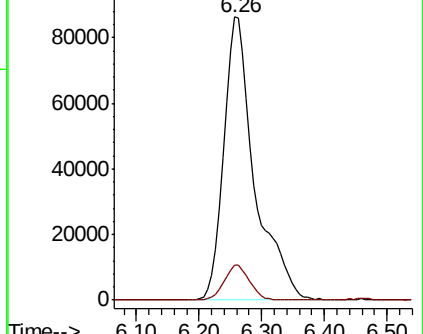
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.895 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

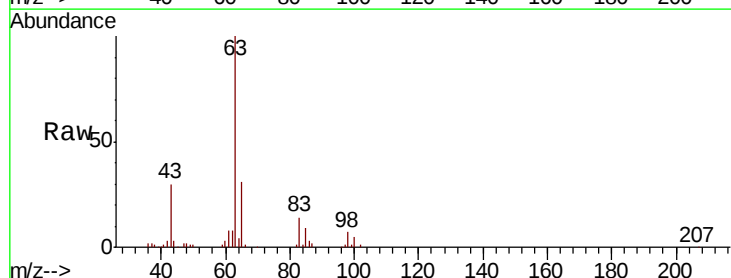
Tgt Ion: 63 Resp: 75286

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

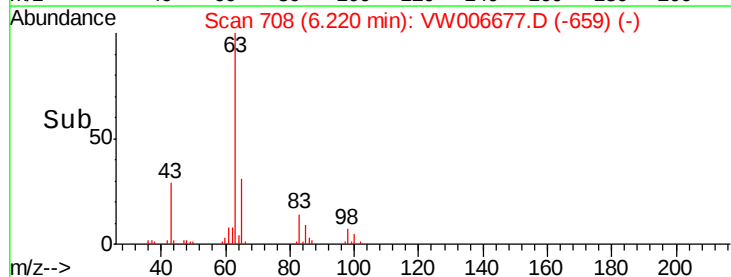
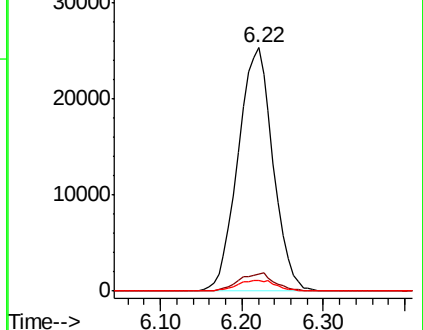
100 4.6 2.4 7.2

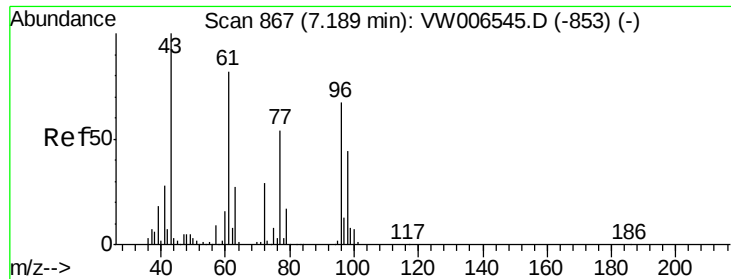


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 99.461 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampled :

VW1105SBS02

Tot Ion: 43 Resp: 49545

Ion Ratio Lower Upper

43 100

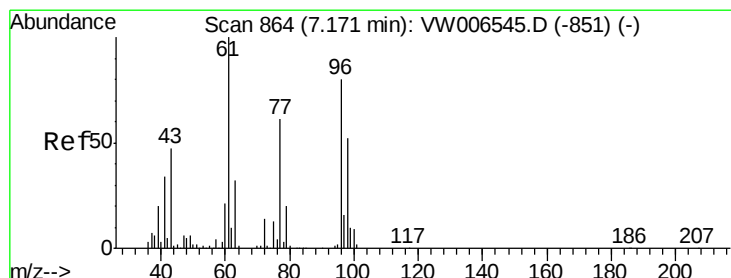
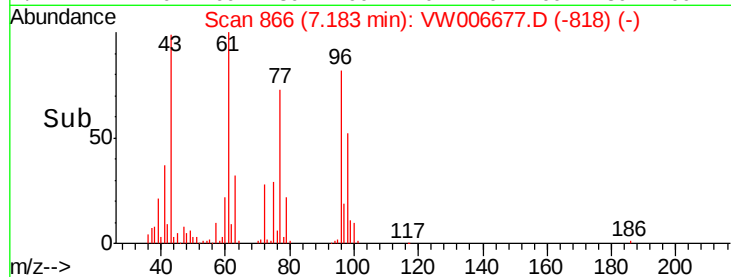
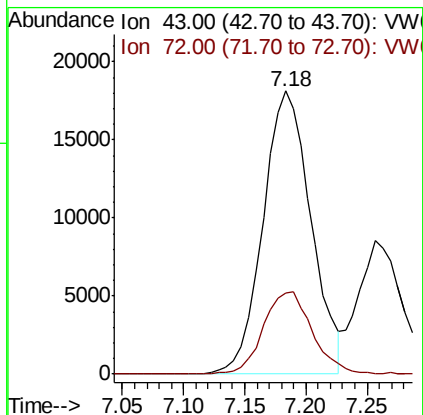
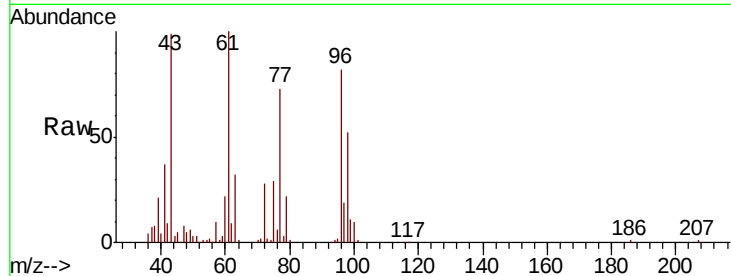
72 28.7 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 22.351 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006677.D

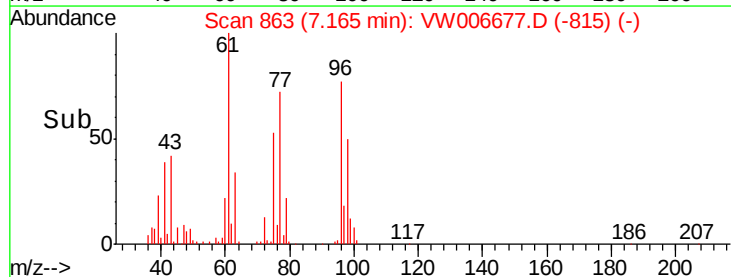
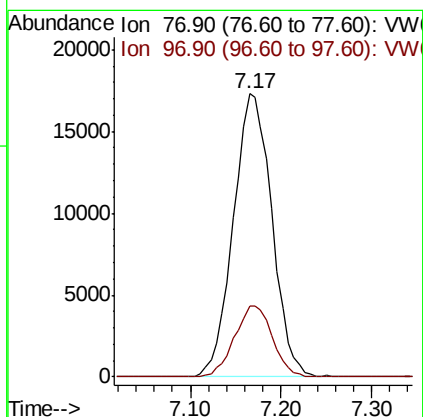
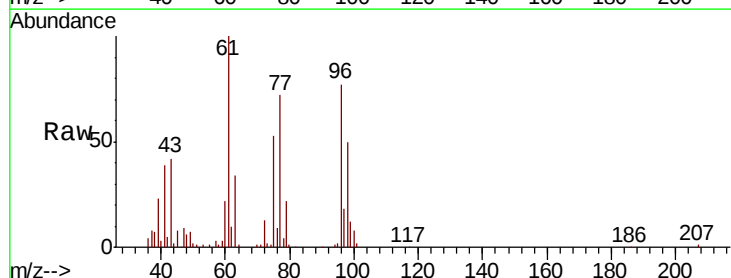
Acq: 06 Nov 2018 10:39

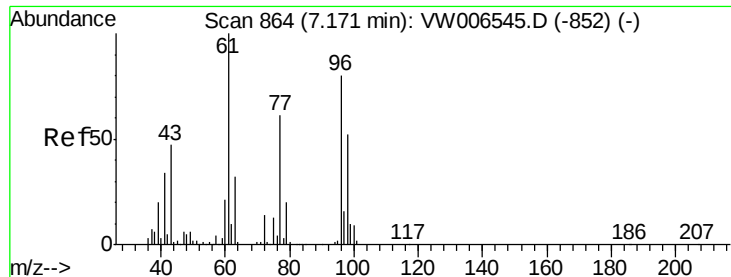
Tgt Ion: 77 Resp: 50948

Ion Ratio Lower Upper

77 100

97 24.5 12.8 38.4





#27

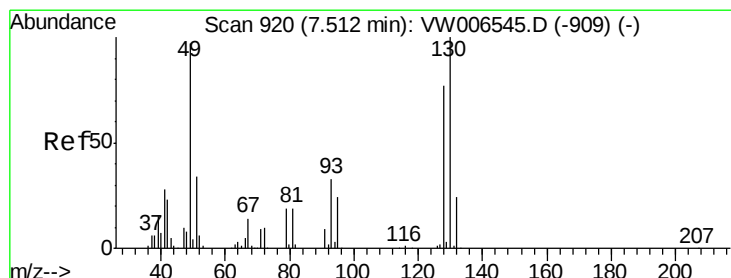
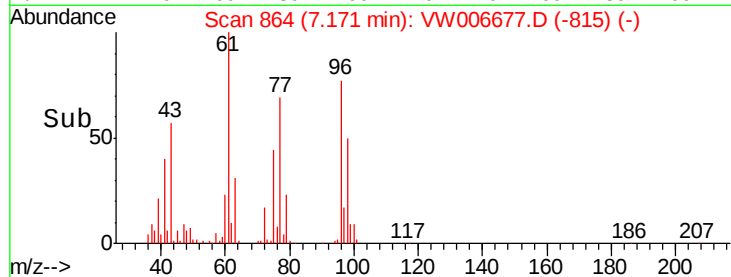
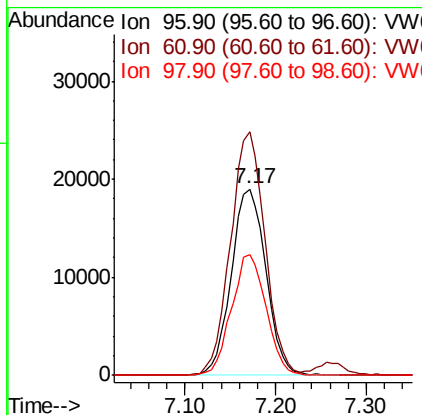
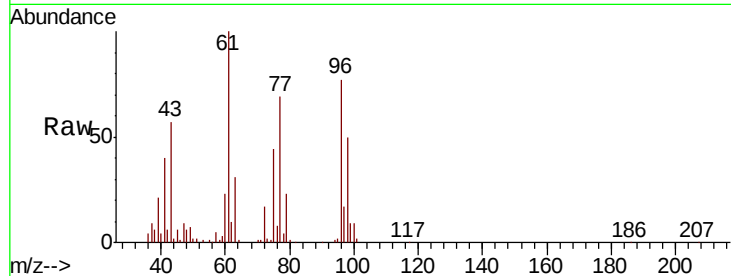
cis-1,2-Dichloroethene
 Concen: 19.404 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	254.2
98	64.5	0.0	129.6

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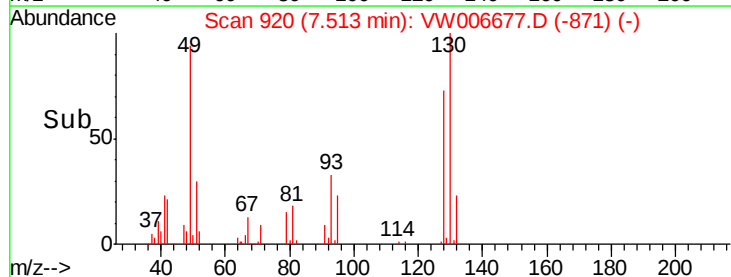
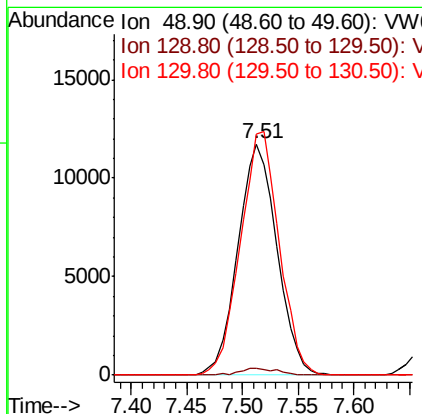
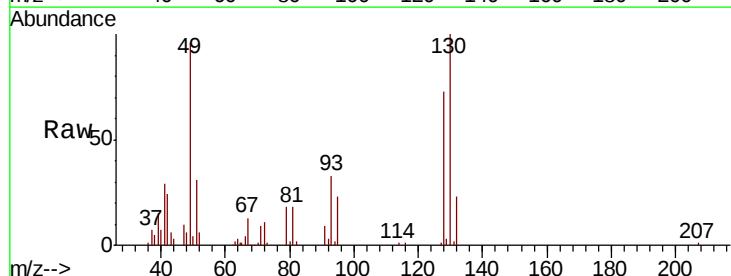
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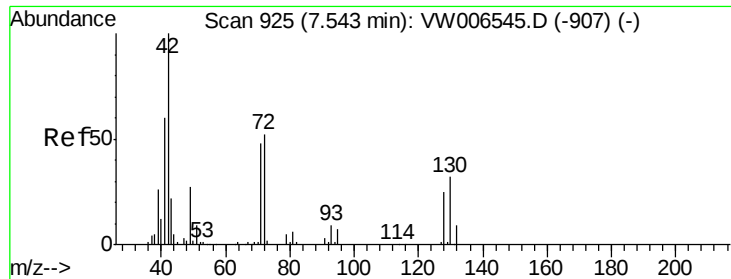


#28

Bromochloromethane
 Concen: 19.050 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	104.4	82.2	123.2





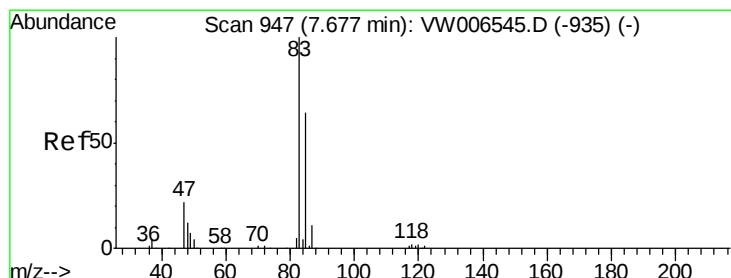
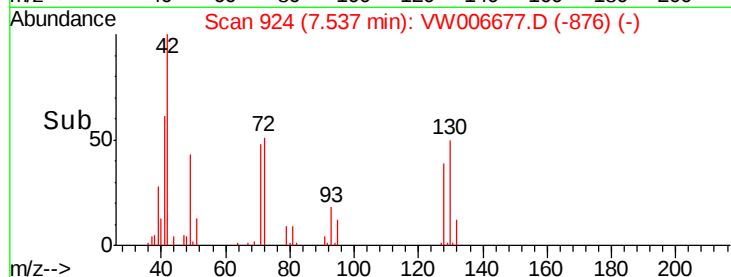
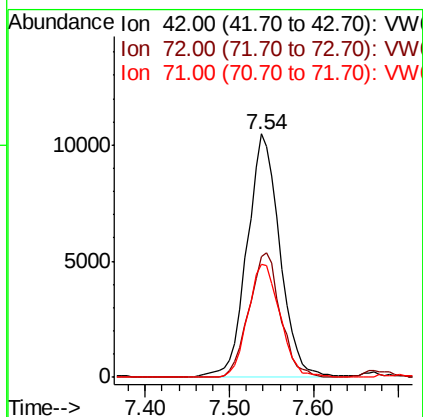
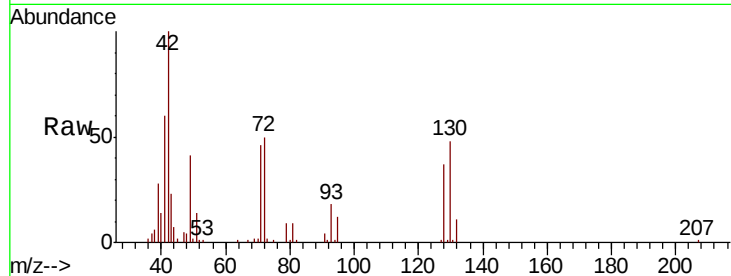
#29
Tetrahydrofuran
Concen: 89.098 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.0	39.2	58.8
71	45.5	37.6	56.4

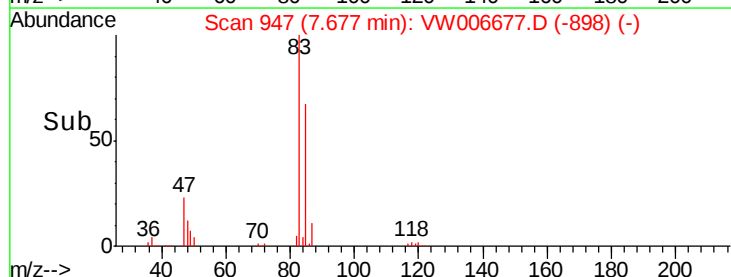
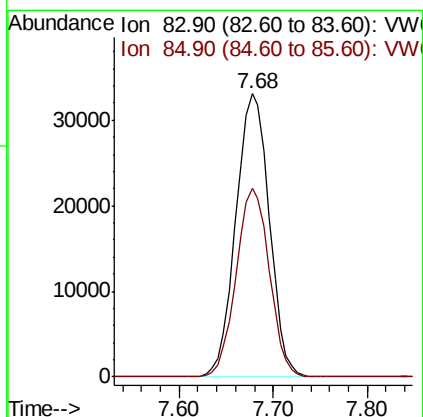
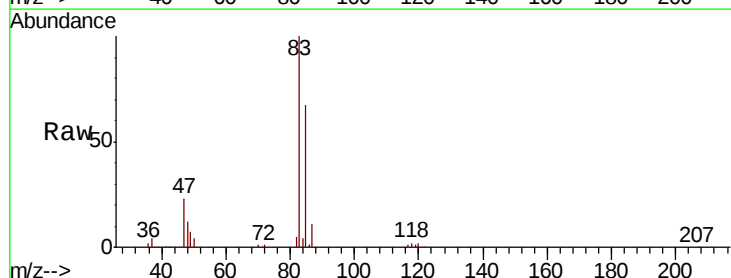
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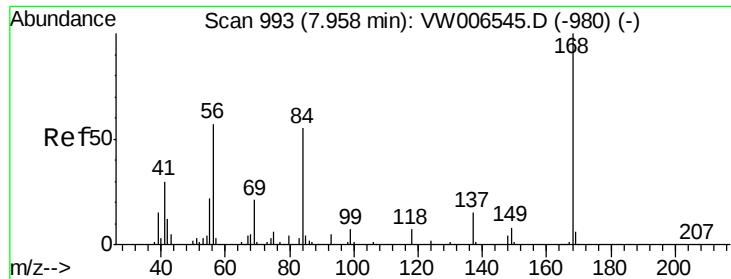
apatel
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#30
Chloroform
Concen: 19.660 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.3	76.9





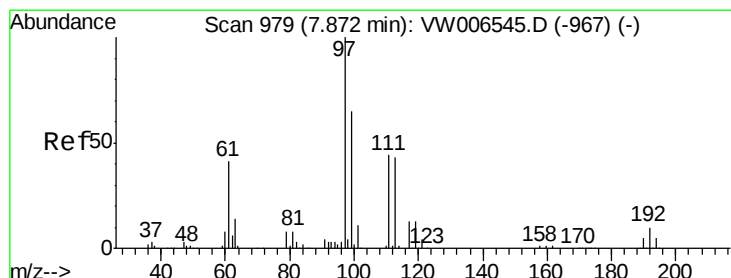
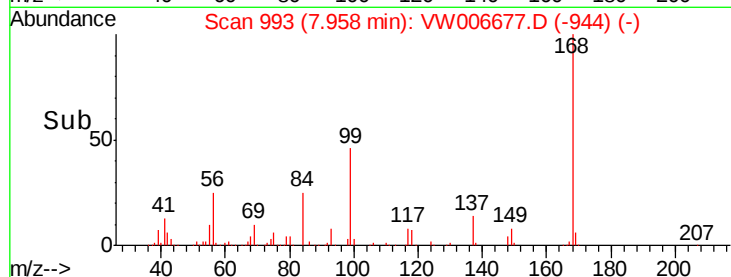
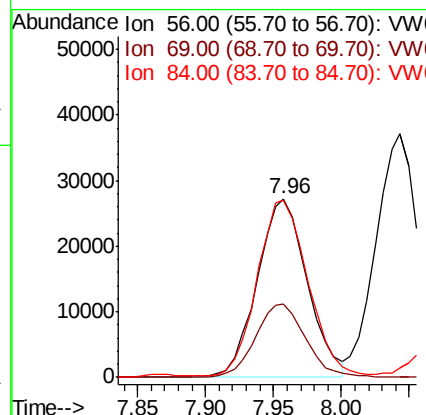
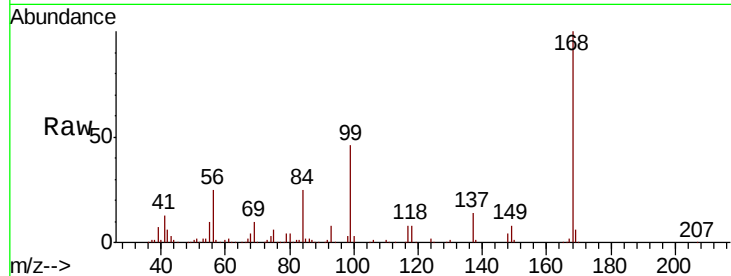
#31
Cyclohexane
Concen: 20.267 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.8	29.0	43.4
84	97.8	77.8	116.6

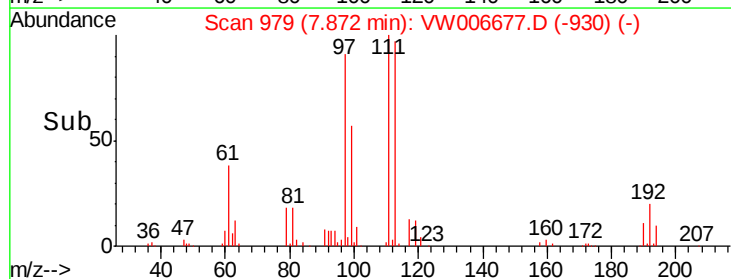
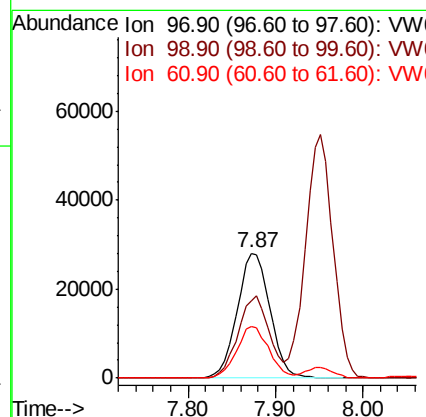
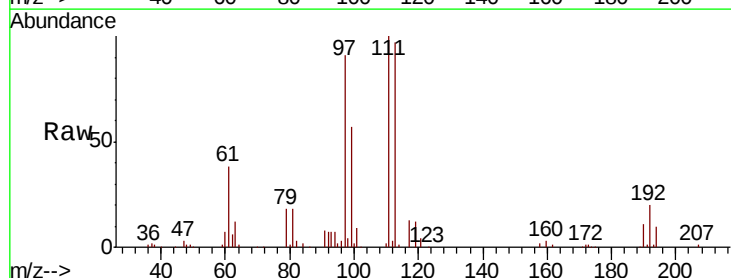
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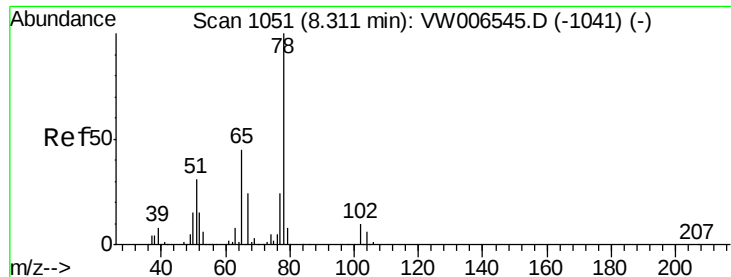
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#32
1,1,1-Trichloroethane
Concen: 20.702 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.7	77.5
61	41.0	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 46.903 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

Tot Ion: 65 Resp: 101415

Ion Ratio Lower Upper

65 100

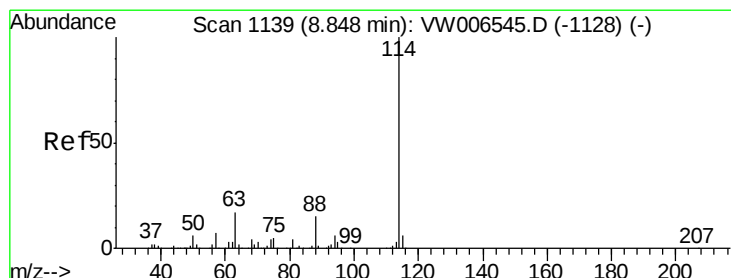
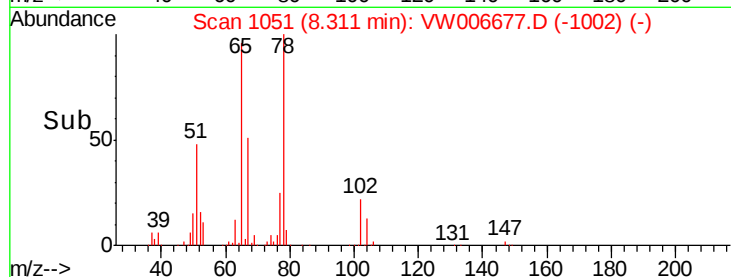
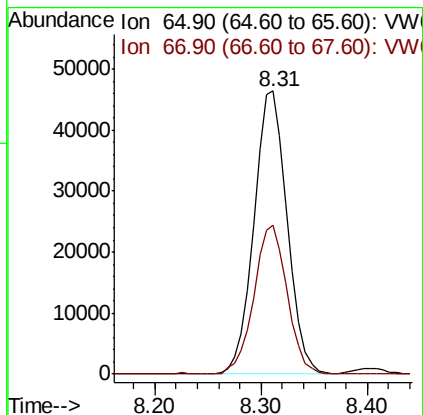
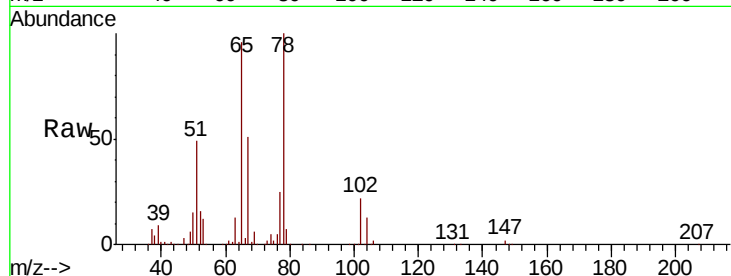
67 52.6 0.0 104.4

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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: VW006677.D

Acq: 06 Nov 2018 10:39

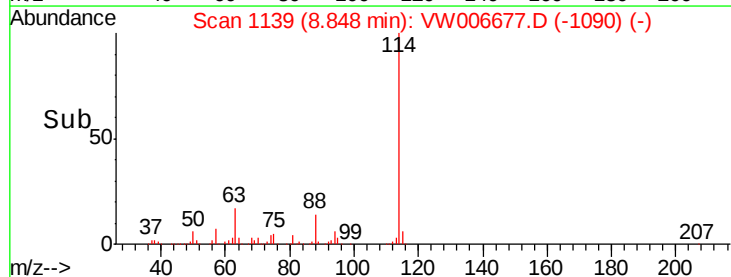
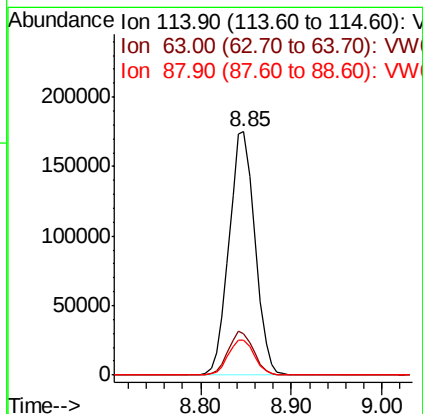
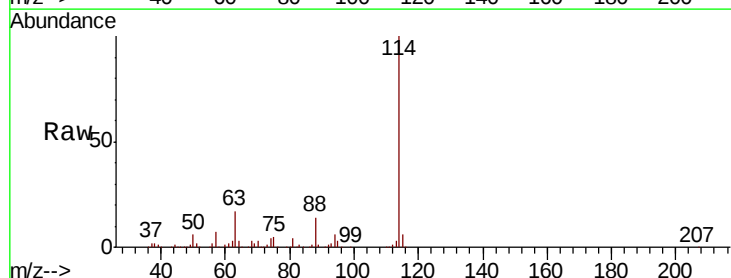
Tgt Ion: 114 Resp: 348270

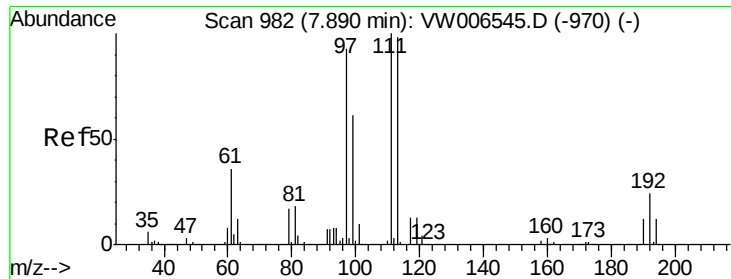
Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.4

88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.997 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

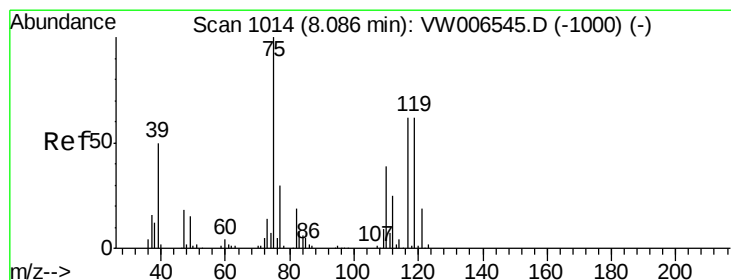
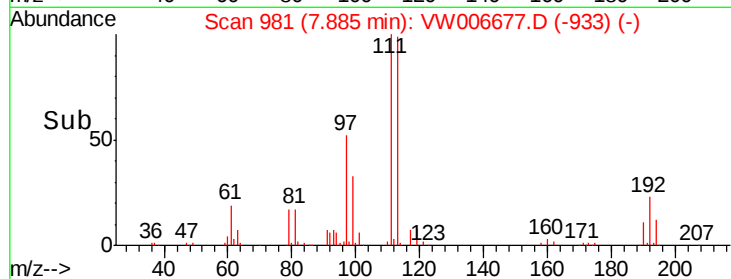
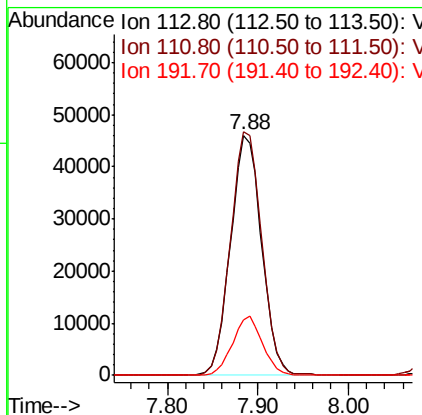
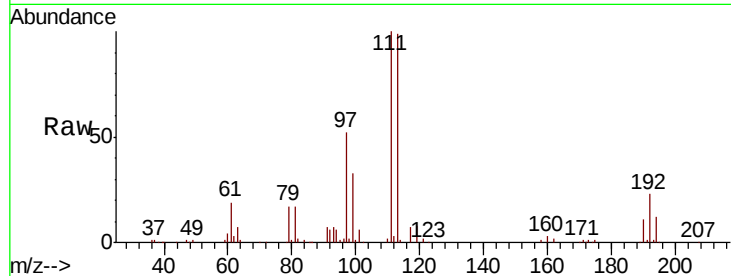
ClientSampleId :

VW1105SBS02

Tot Ion:	113	Resp:	109278
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.2	123.2
192	23.6	19.0	28.6

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#36

1,1-Dichloropropene

Concen: 21.310 ug/l

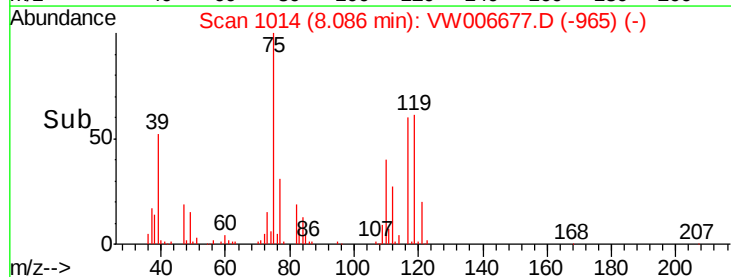
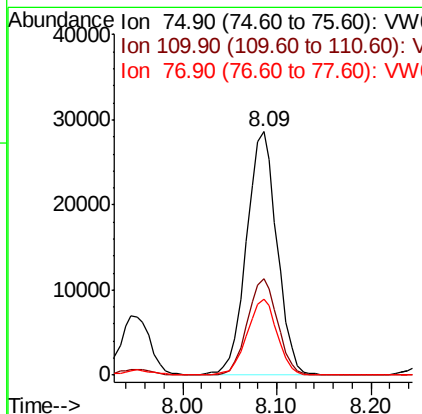
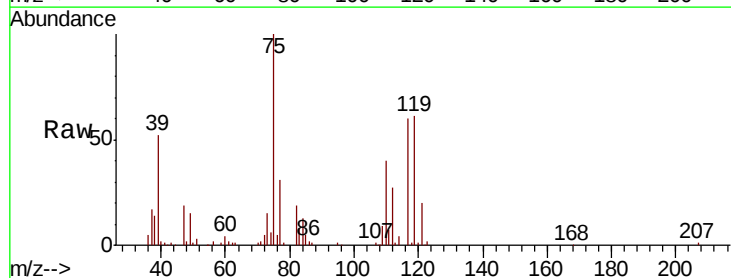
RT: 8.09 min Scan# 1014

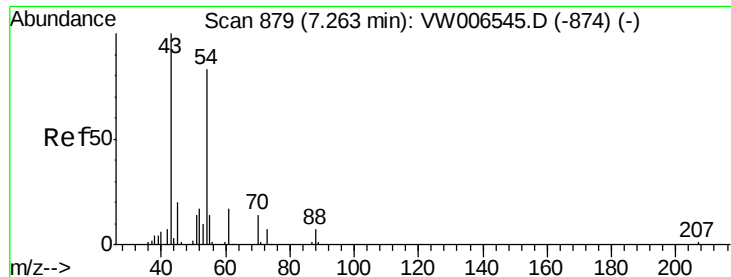
Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Tgt Ion:	75	Resp:	65265
Ion Ratio	Lower	Upper	
75	100		
110	38.8	19.5	58.5
77	30.8	24.6	37.0





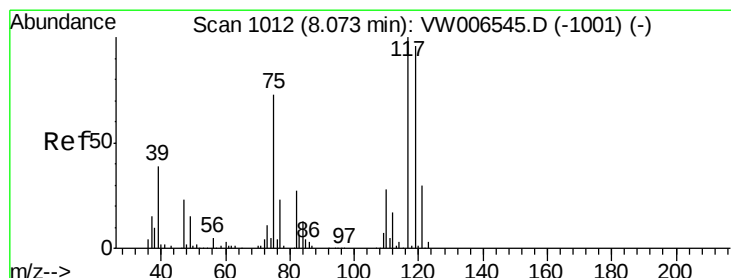
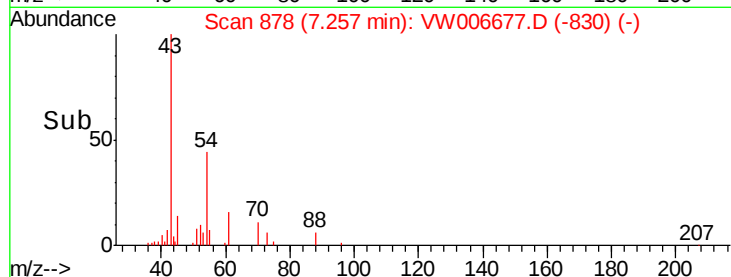
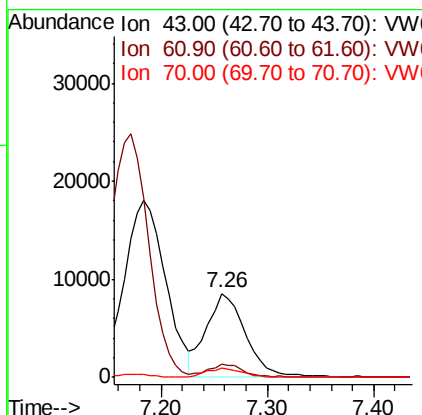
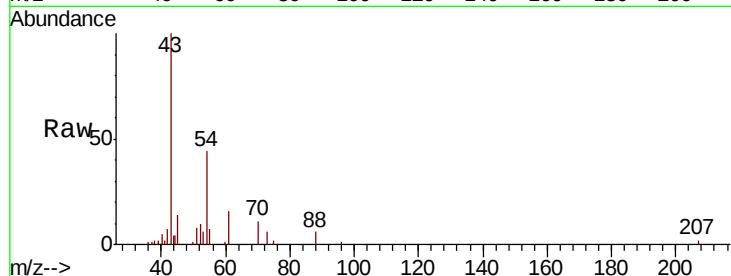
#37
Ethyl Acetate
Concen: 20.478 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.1	18.1
70	10.3	9.8	14.6

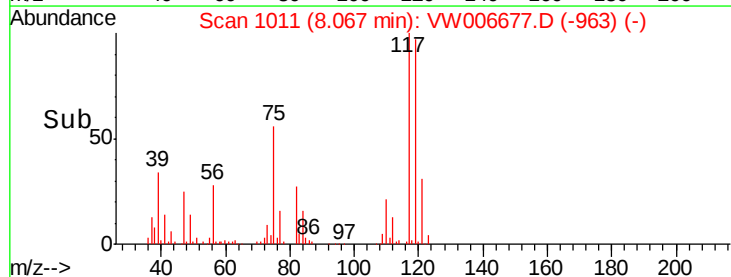
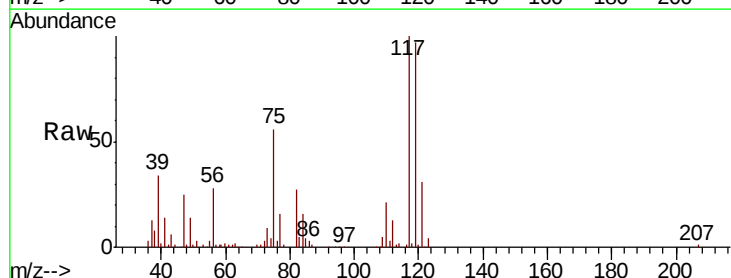
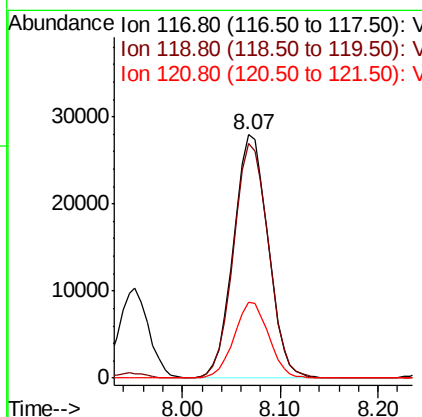
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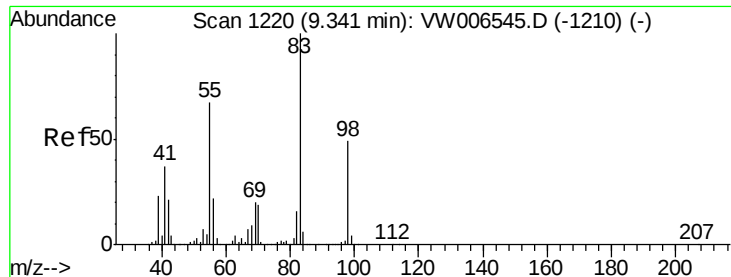
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#38
Carbon Tetrachloride
Concen: 21.572 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.3	114.5
121	31.2	24.1	36.1





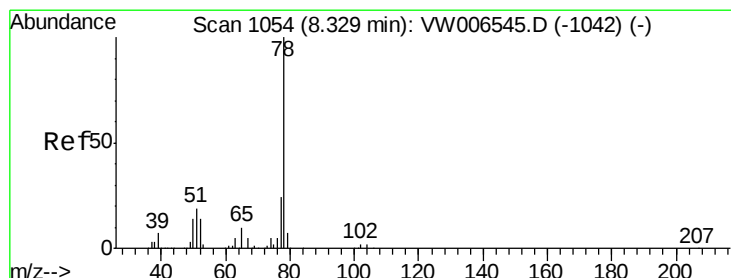
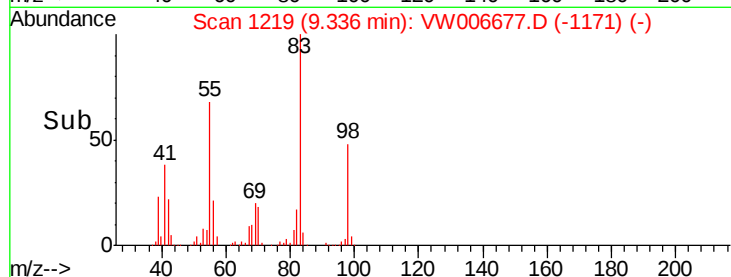
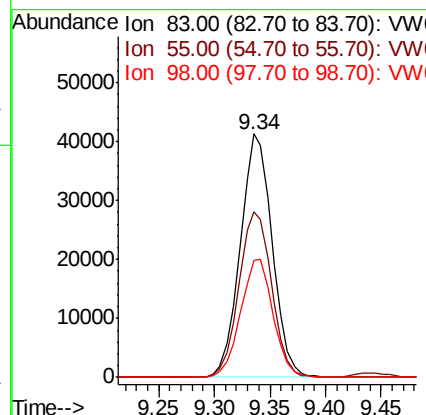
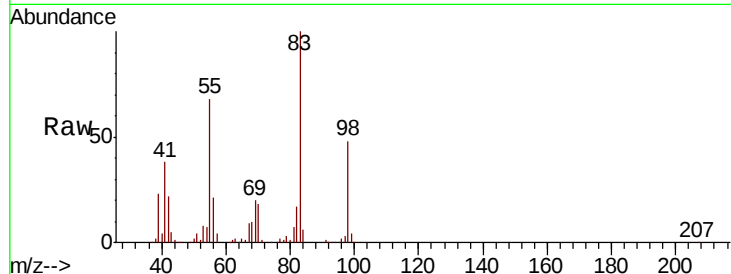
#39
Methvlcvclohexane
Concen: 21.087 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.1	53.7	80.5
98	48.0	39.2	58.8

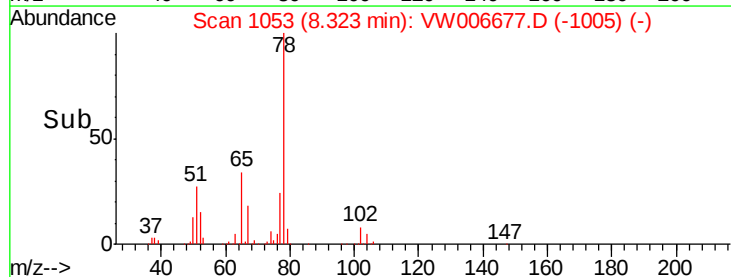
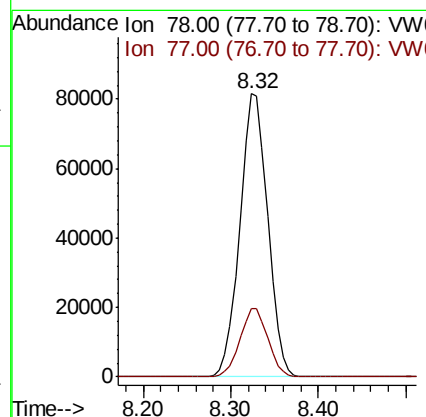
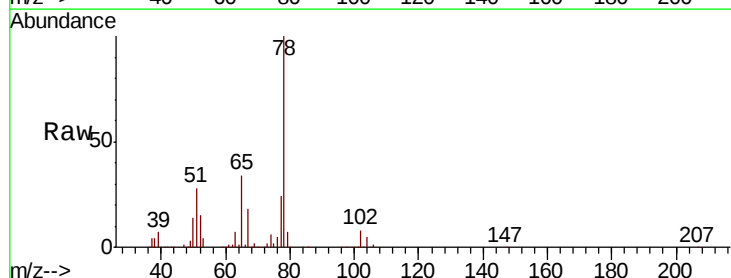
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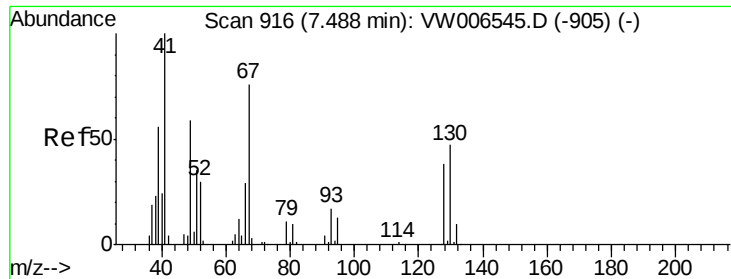
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#40
Benzene
Concen: 20.797 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





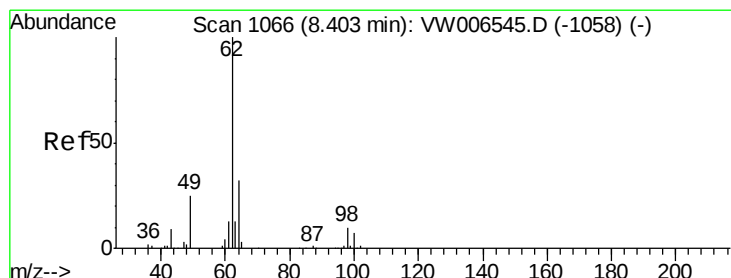
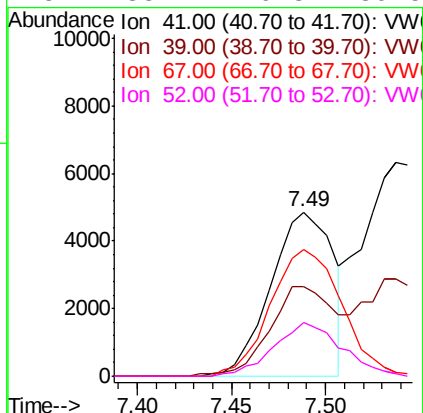
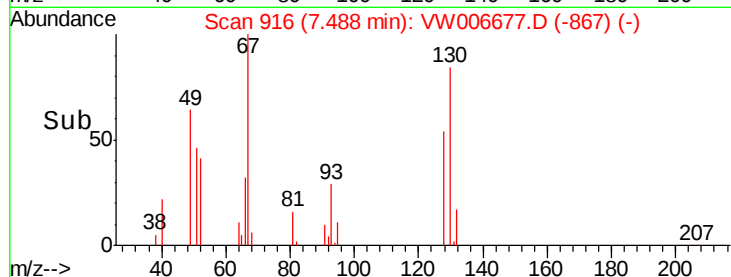
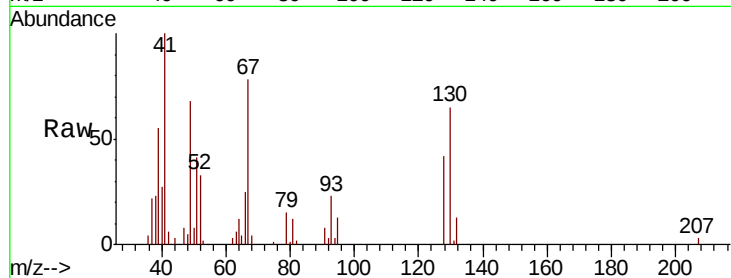
#41
Methacrylonitrile
Concen: 17.106 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion:	41	Resp:	11133
Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.5	66.7
67	88.1	63.8	95.8
52	35.7	26.3	39.5

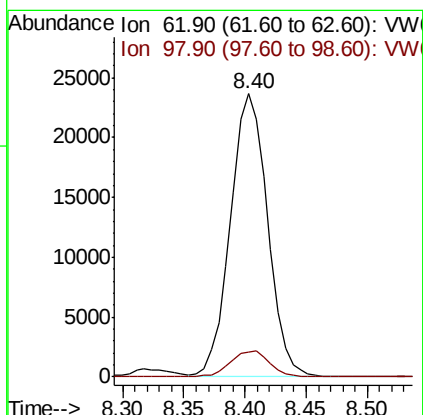
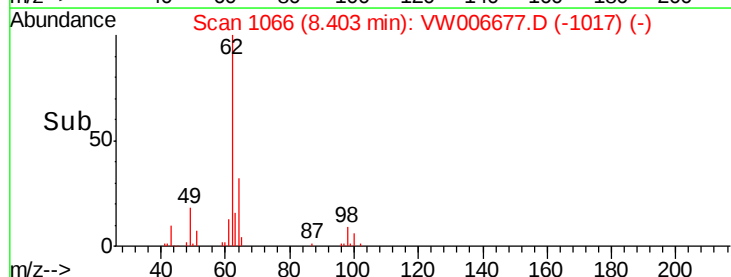
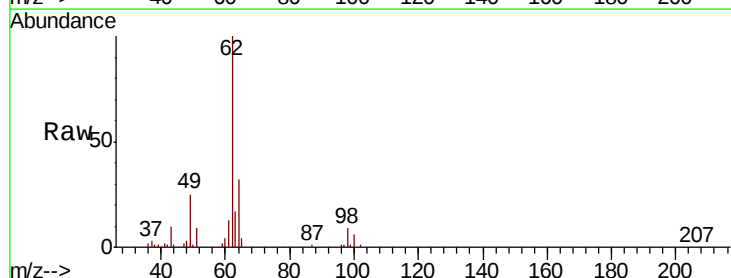
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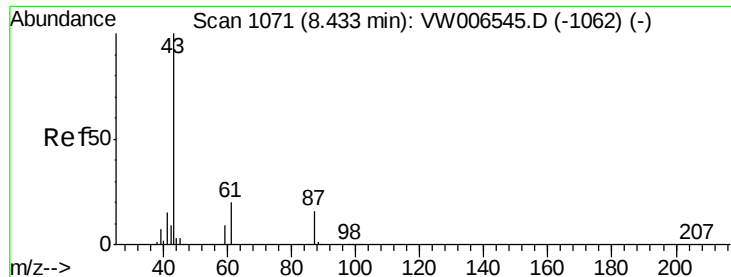
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#42
1,2-Dichloroethane
Concen: 20.004 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion:	62	Resp:	49907
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8





#43

Isopropyl Acetate

Concen: 18.970 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

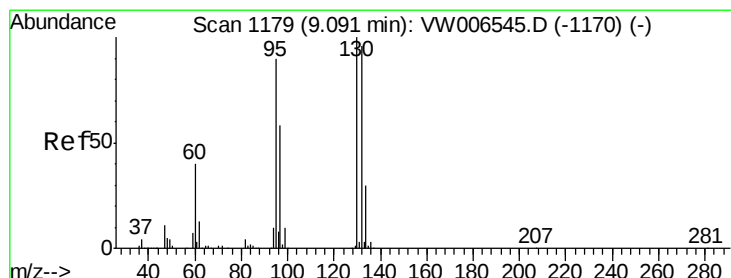
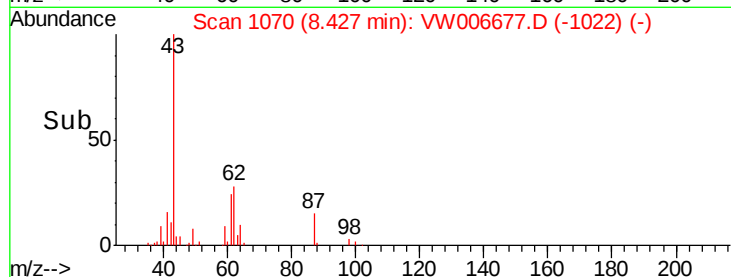
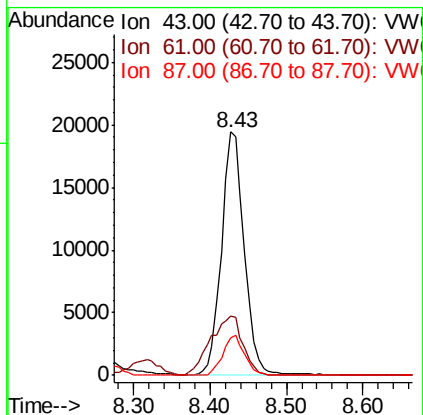
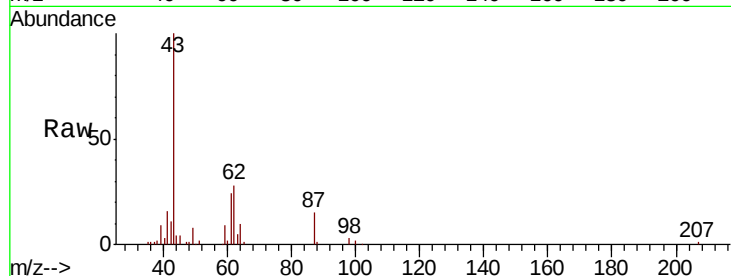
ClientSampleId :

VW1105SBS02

Tot Ion:	43	Resp:	40177
Ion	Ratio	Lower	Upper
43	100		
61	34.6	27.2	40.8
87	15.4	12.9	19.3

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#44

Trichloroethene

Concen: 20.880 ug/l

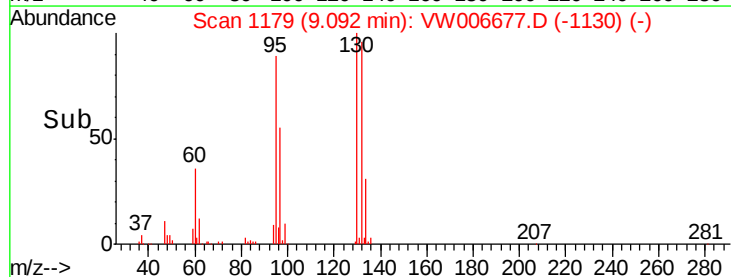
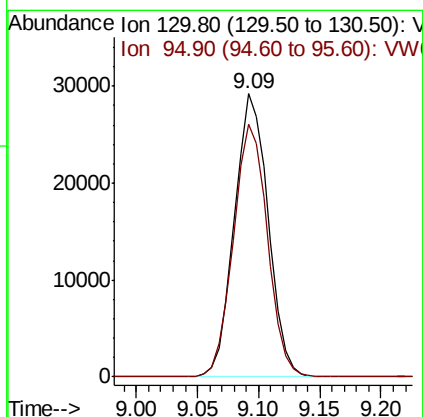
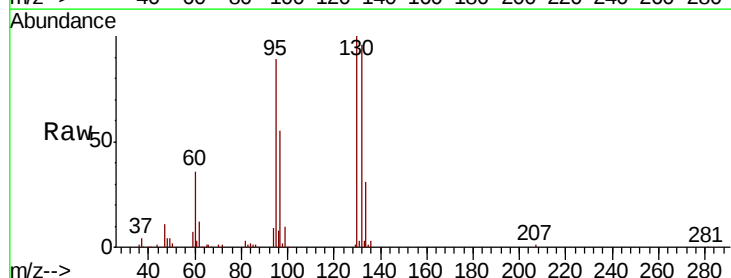
RT: 9.09 min Scan# 1179

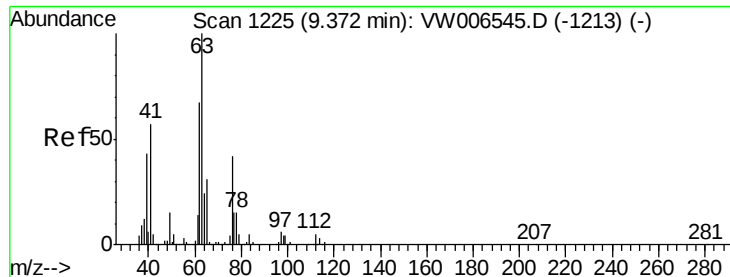
Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Tgt Ion:	130	Resp:	56052
Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	179.2





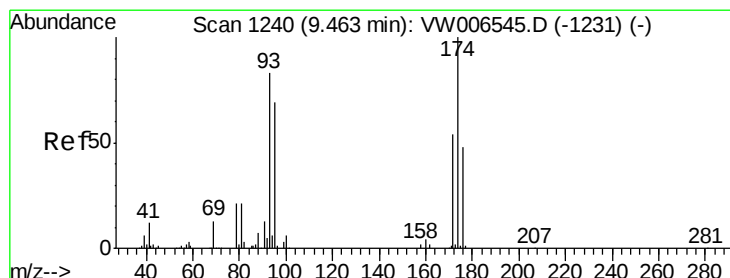
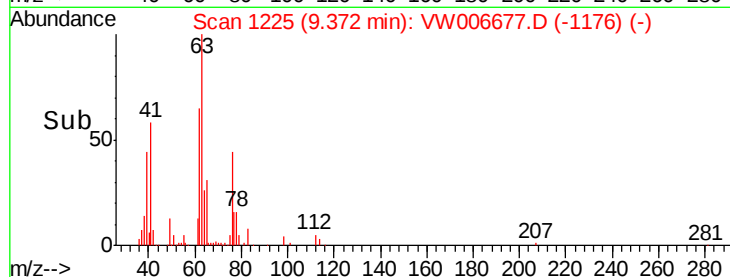
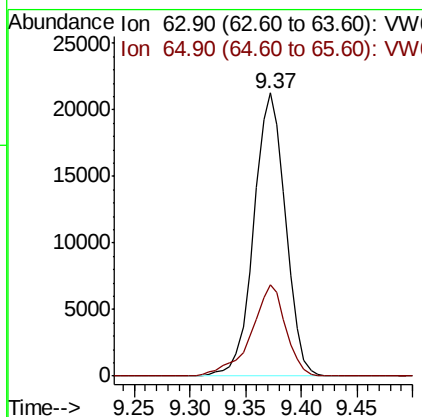
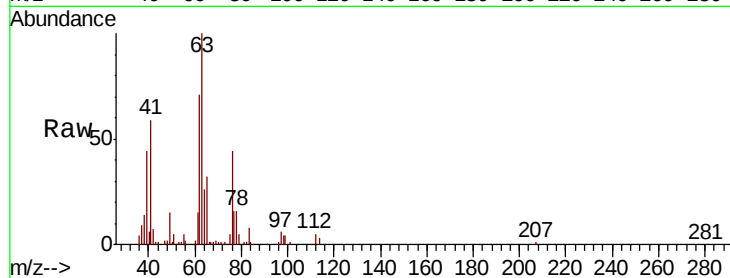
#45
1,2-Dichloropropane
Concen: 20.873 ug/l
RT: 9.37 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.1	37.7

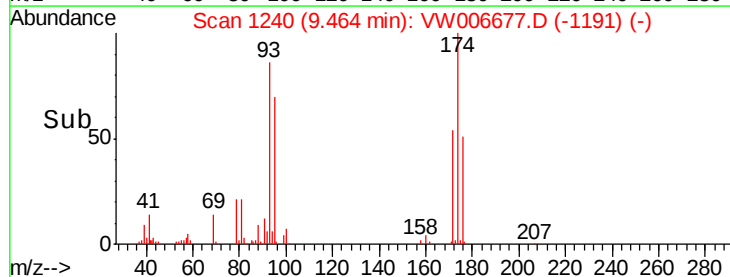
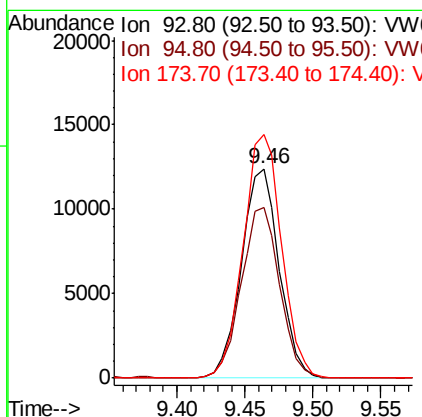
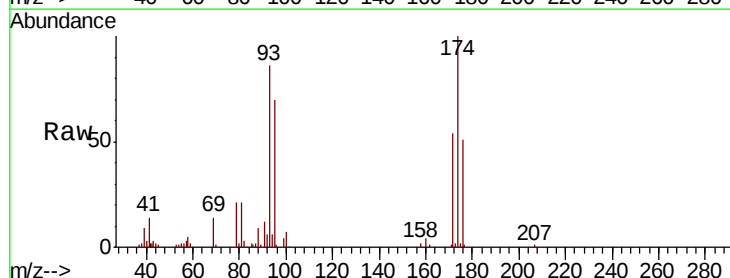
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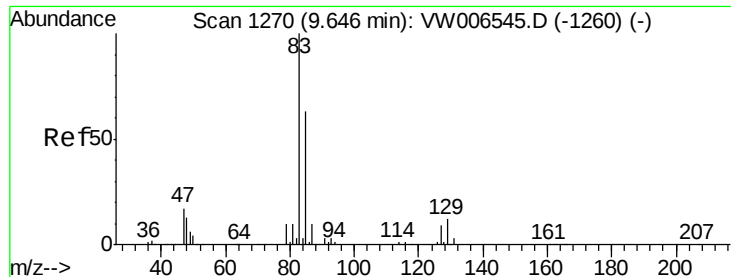
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#46
Dibromomethane
Concen: 20.286 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	67.2	100.8
174	118.2	97.3	145.9





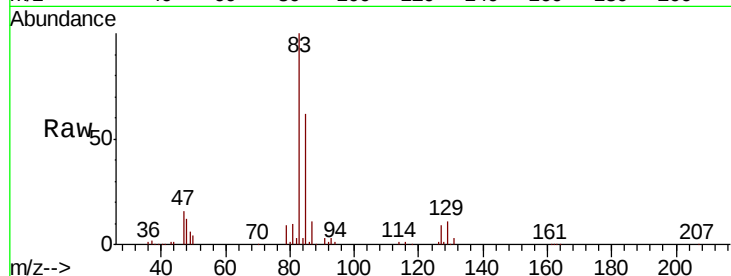
#47
Bromodichloromethane
Concen: 20.686 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

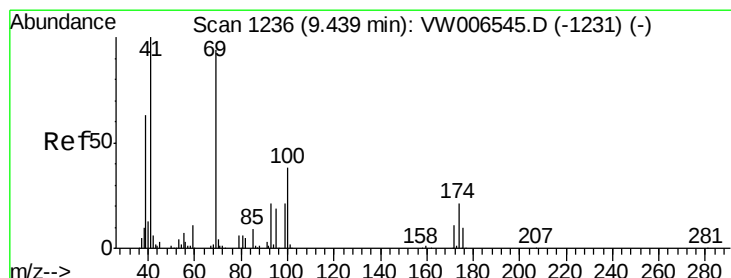
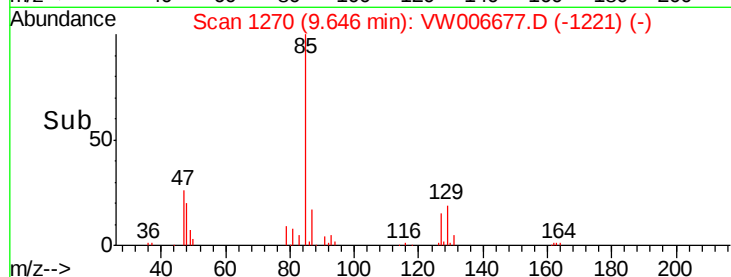
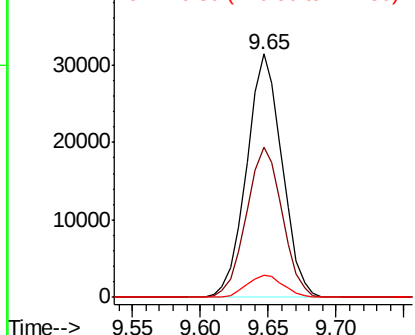
Tot Ion	83	Resp	57160
Ion Ratio	100	Lower	Upper
85	61.6	50.6	75.8
127	9.2	7.5	11.3

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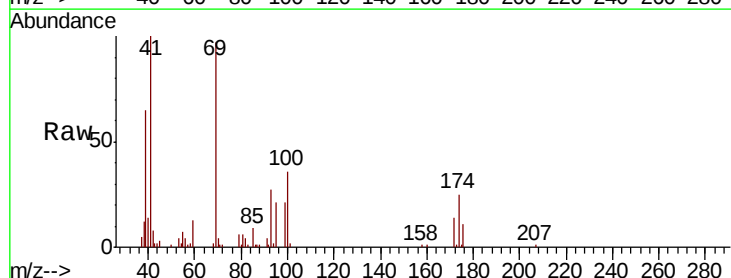


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

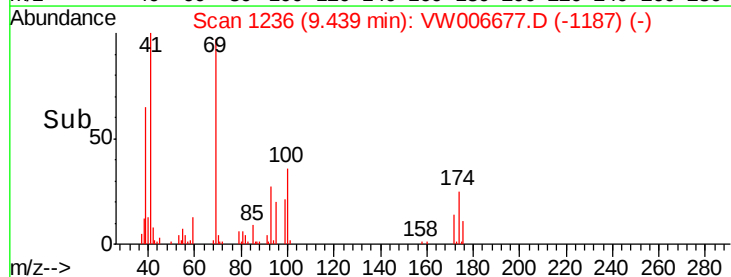
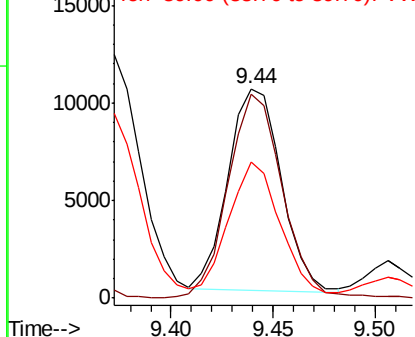


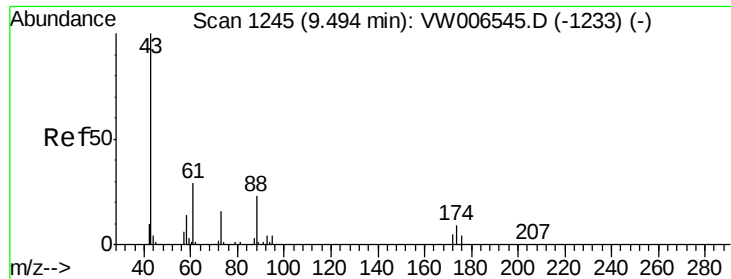
#48
Methyl methacrylate
Concen: 18.249 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	41	Resp	18621
Ion Ratio	100	Lower	Upper
69	104.7	77.8	116.8
39	62.4	48.7	73.1



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





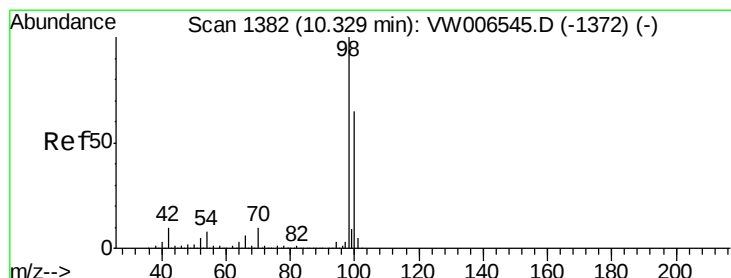
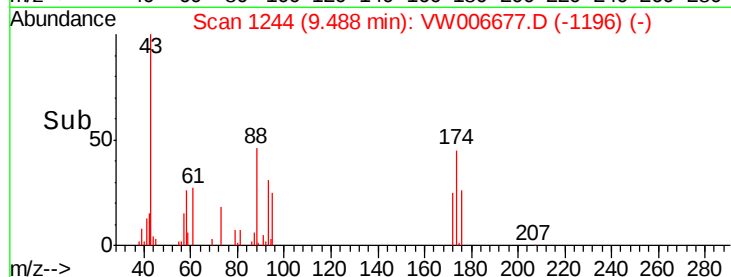
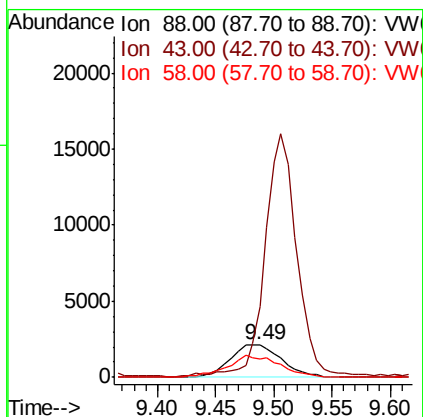
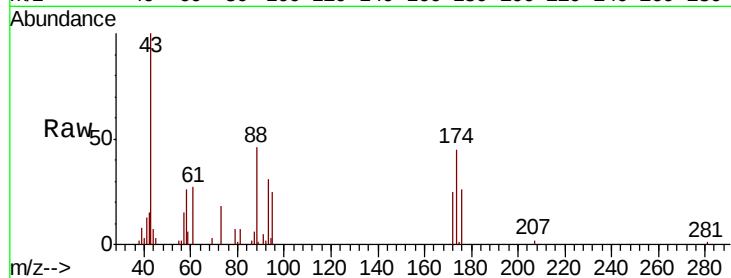
#49
1,4-Dioxane
Concen: 378.151 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	356.6	534.8#
58	67.2	51.4	77.2

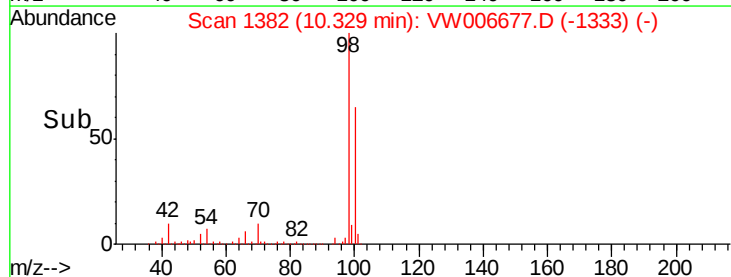
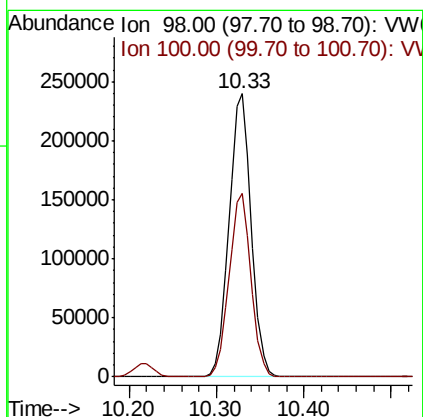
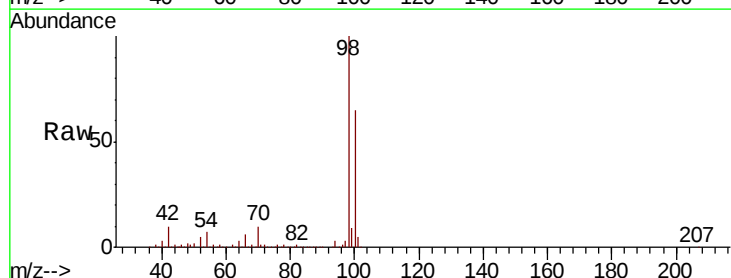
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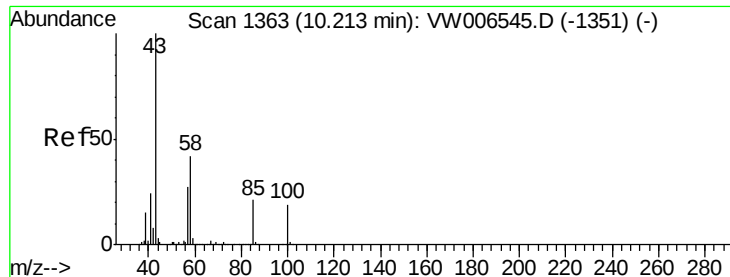
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#50
Toluene-d8
Concen: 50.510 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 94.782 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampled :

VW1105SBS02

Tot Ion: 43 Resp: 103097

Ion Ratio Lower Upper

43 100

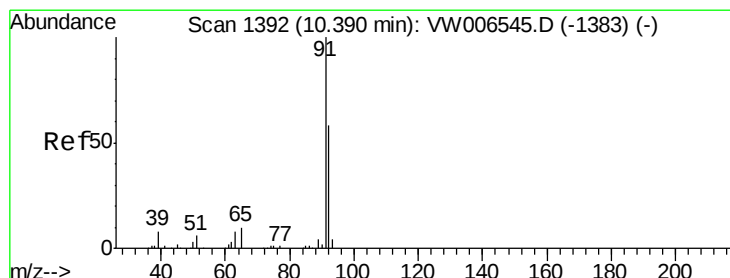
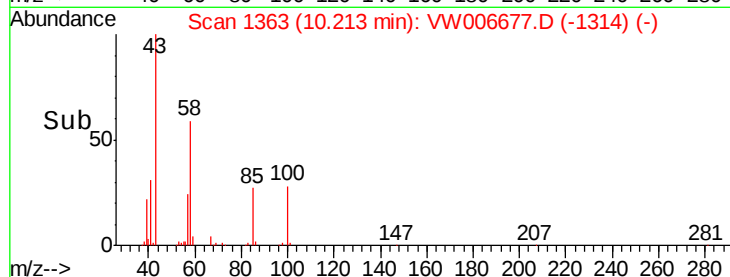
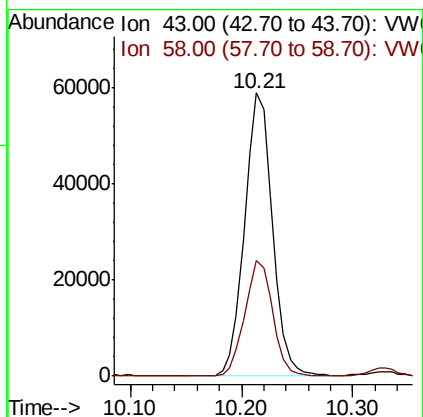
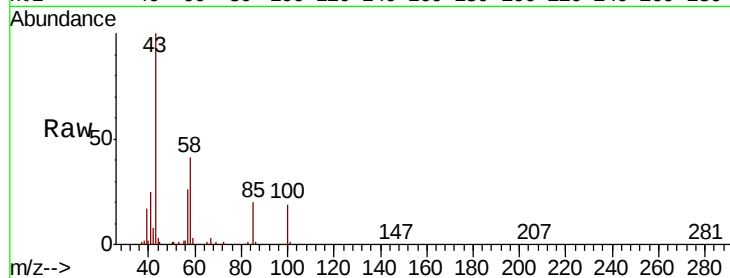
58 40.8 33.4 50.0

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#52

Toluene

Concen: 20.674 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006677.D

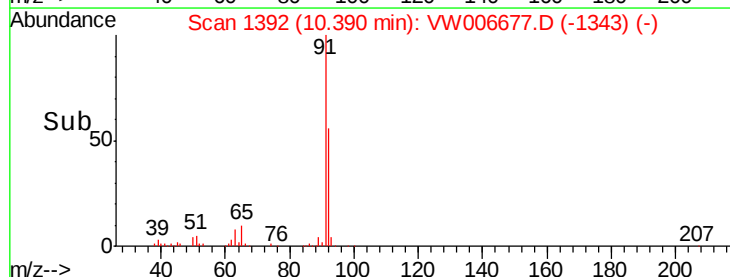
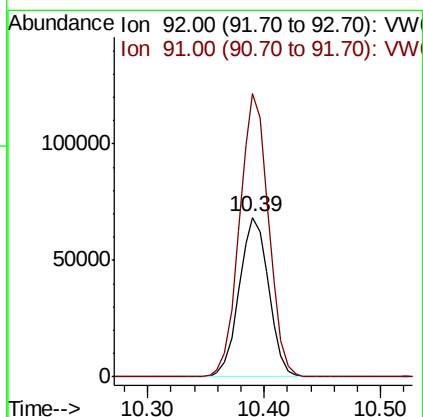
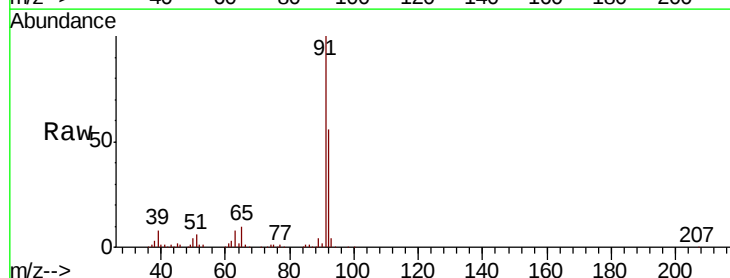
Acq: 06 Nov 2018 10:39

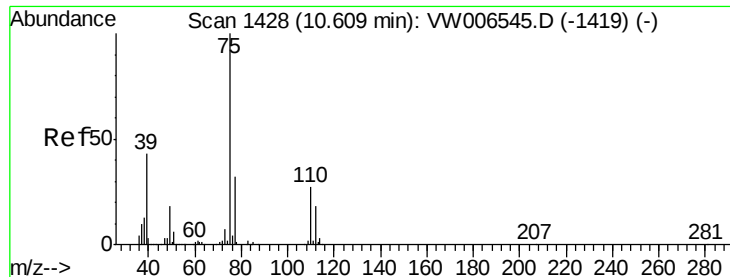
Tgt Ion: 92 Resp: 120629

Ion Ratio Lower Upper

92 100

91 175.0 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.159 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

Tot Ion: 75 Resp: 53609

Ion Ratio Lower Upper

75 100

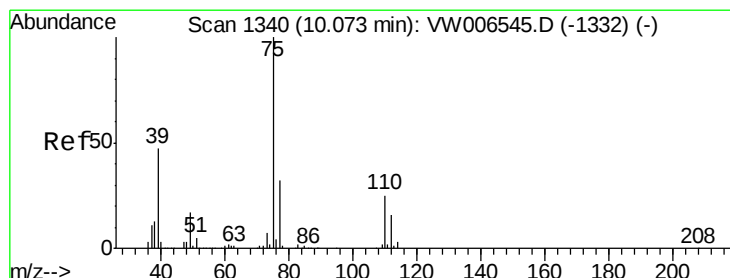
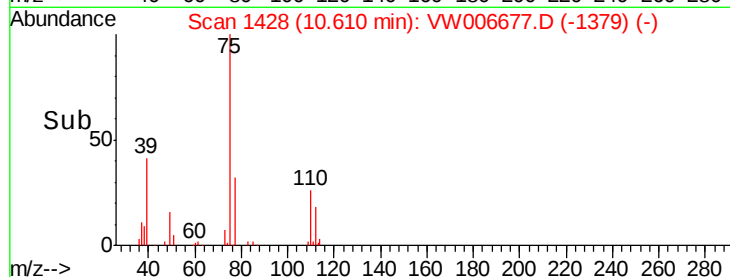
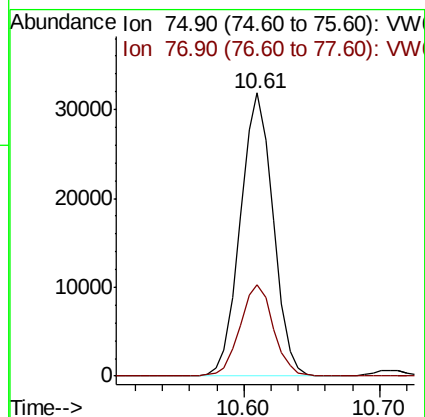
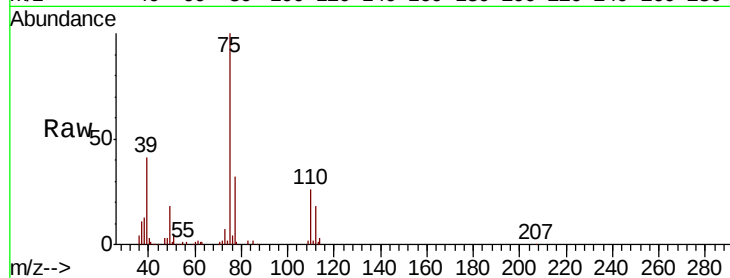
77 32.2 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 20.179 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

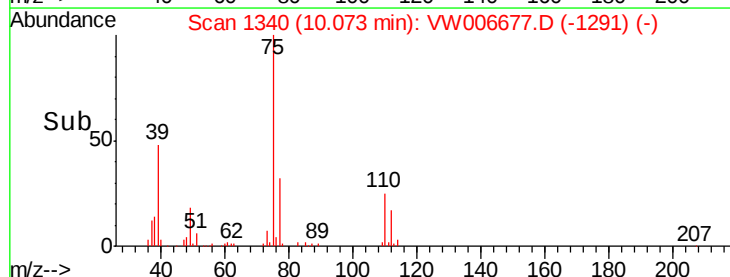
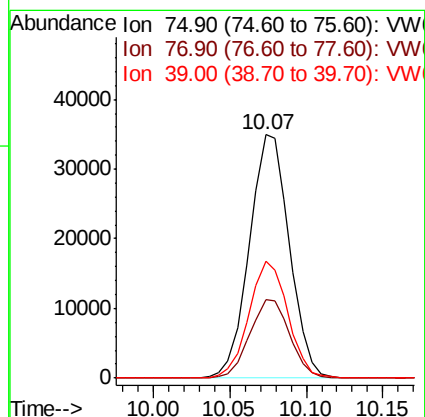
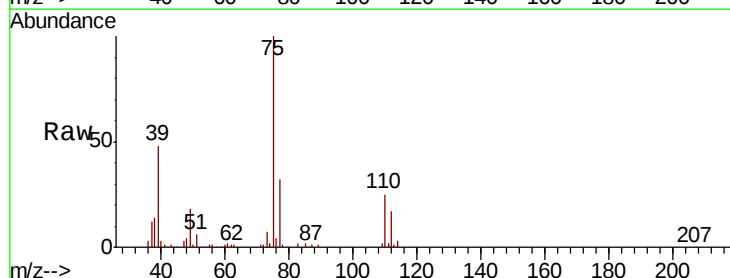
Tgt Ion: 75 Resp: 63413

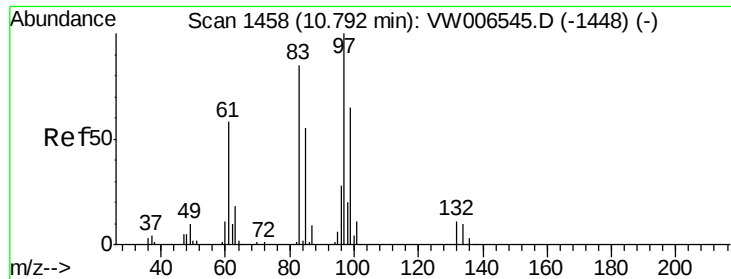
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 48.1 37.3 55.9





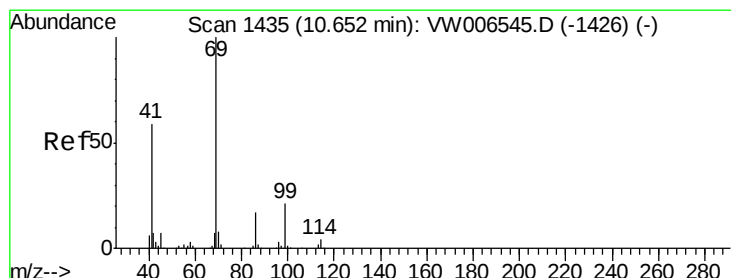
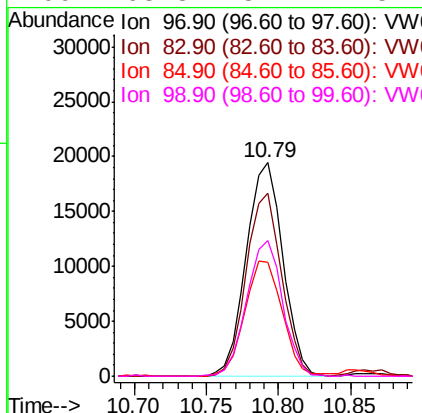
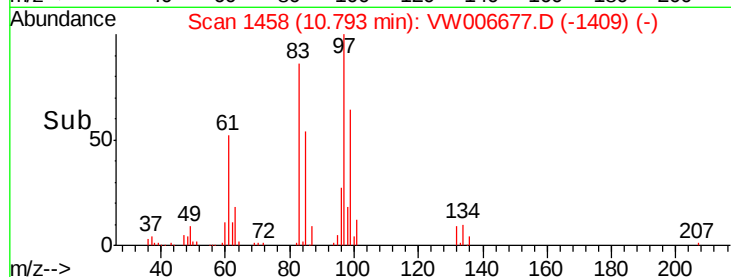
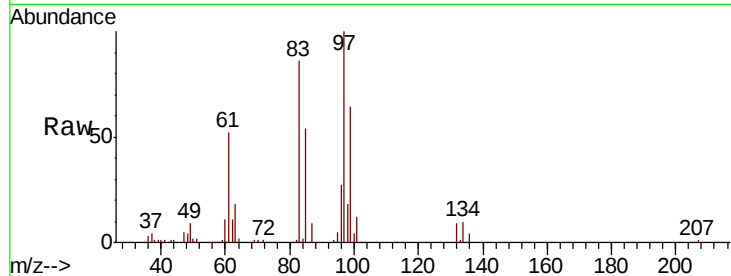
#55
 1,1,2-Trichloroethane
 Concen: 20.272 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Tot Ion:	97	Resp:	34230
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.9	101.9
85	53.6	44.0	66.0
99	63.8	52.2	78.2

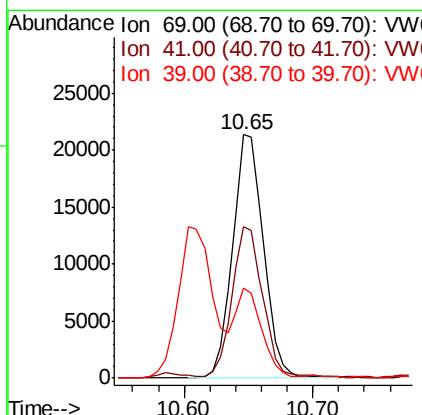
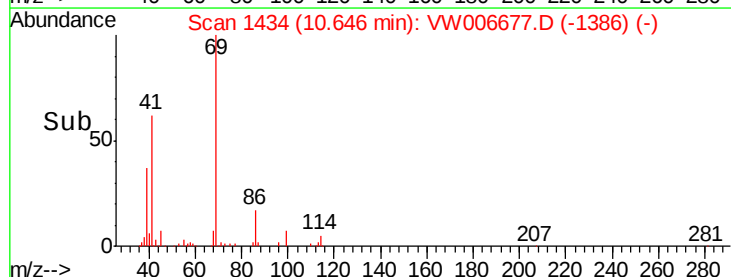
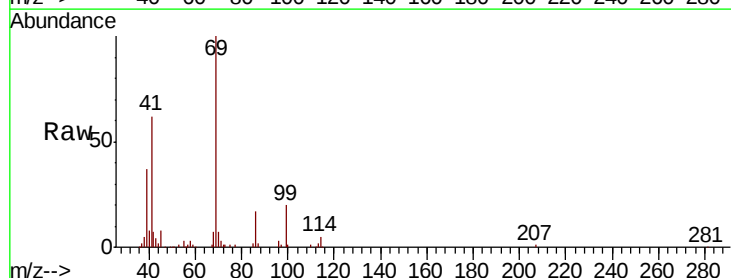
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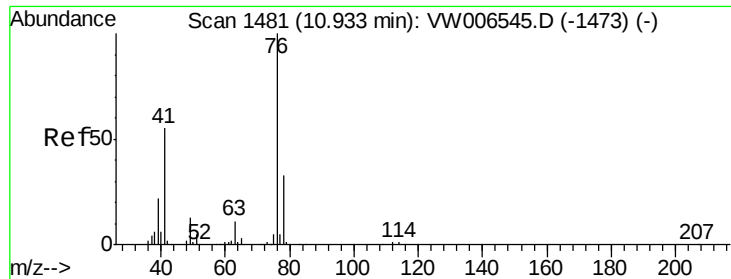
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#56
 Ethyl methacrylate
 Concen: 18.600 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion:	69	Resp:	35697
Ion	Ratio	Lower	Upper
69	100		
41	62.2	47.4	71.2
39	30.6	25.3	37.9





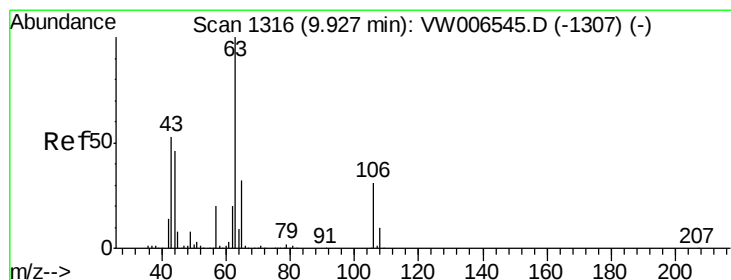
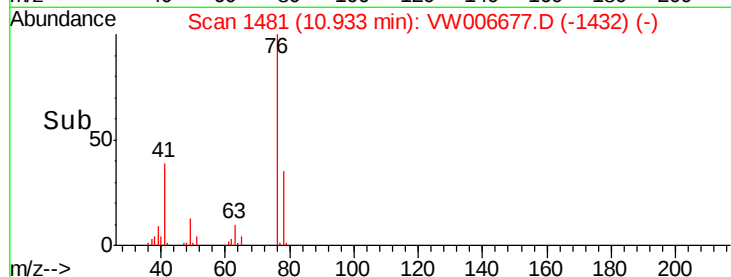
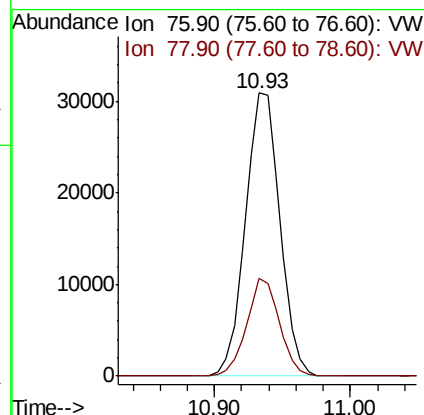
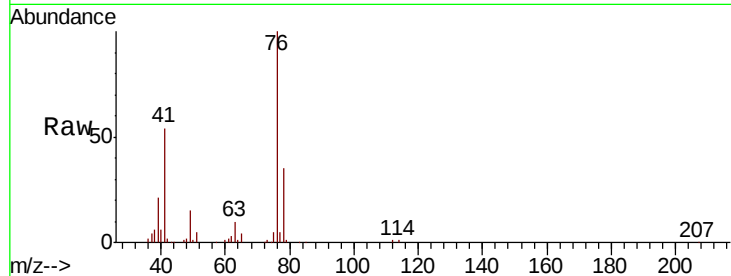
#57
 1,3-Dichloropropane
 Concen: 20.016 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4

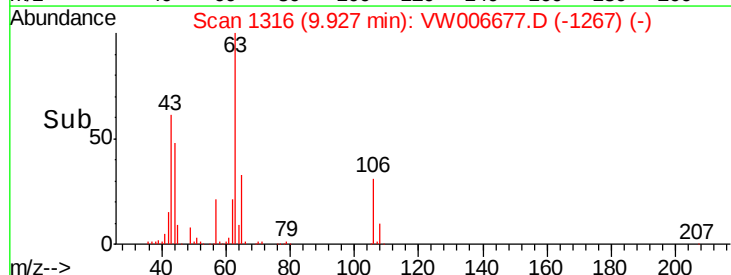
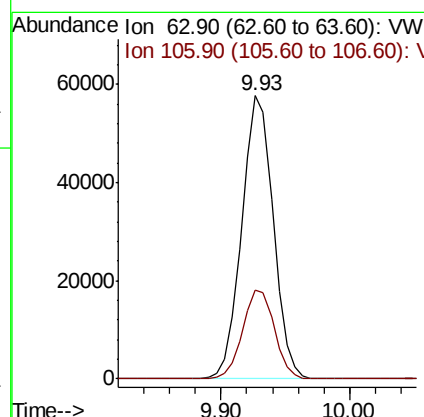
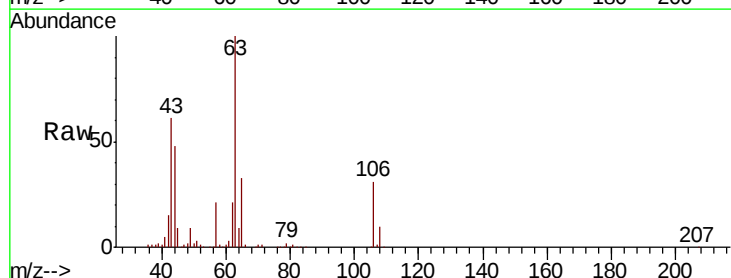
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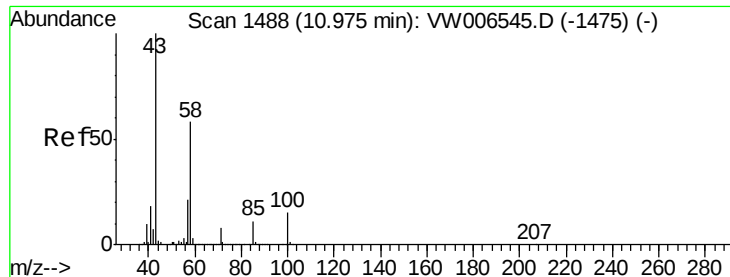
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#58
 2-Chloroethyl Vinyl ether
 Concen: 104.421 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	25.4	38.2





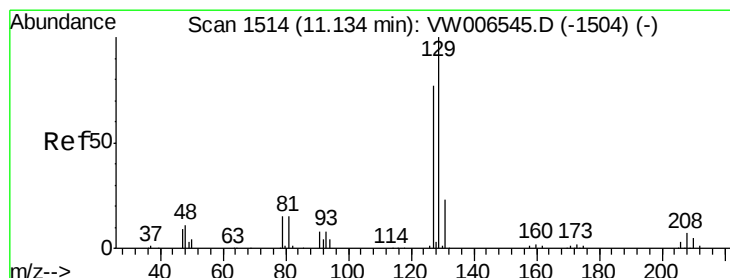
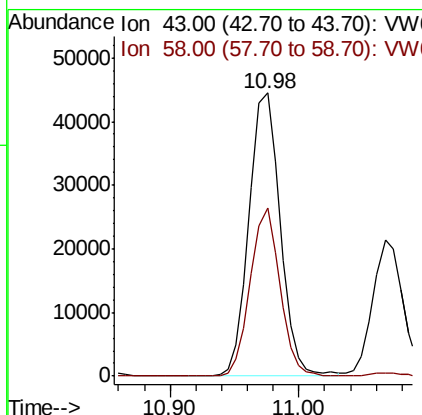
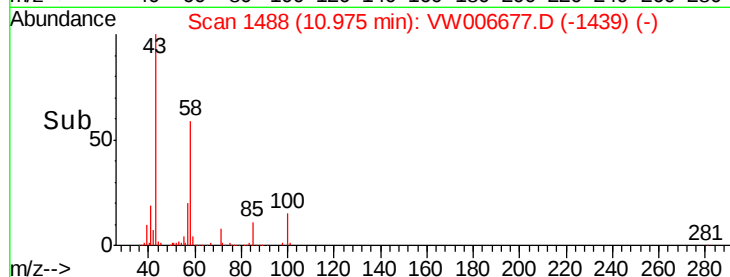
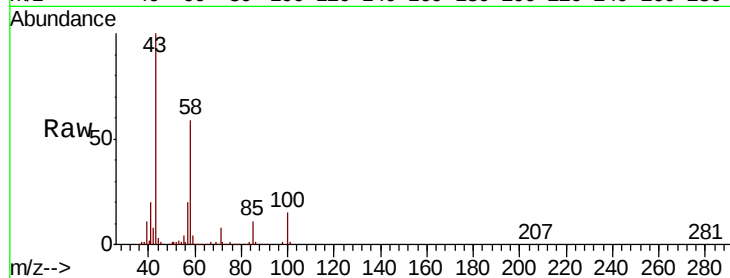
#59
2-Hexanone
Concen: 101.056 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion: 43 Resp: 74658
Ion Ratio Lower Upper
43 100
58 56.3 28.8 86.4

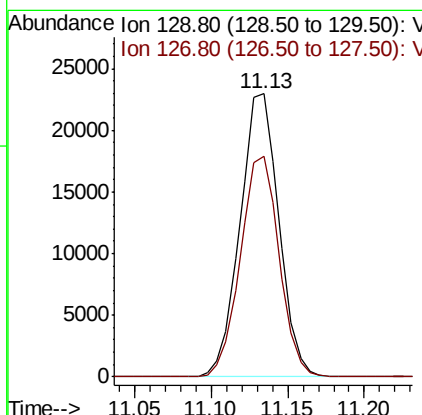
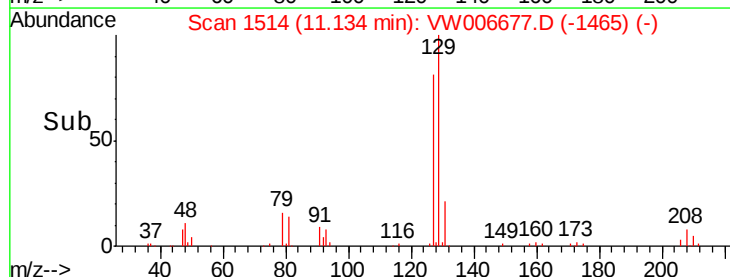
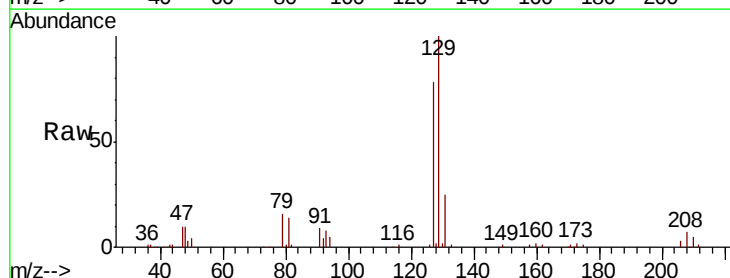
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#60
Dibromochloromethane
Concen: 20.269 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion: 129 Resp: 40550
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.948 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

Tot Ion: 107 Resp: 33449

Ion Ratio Lower Upper

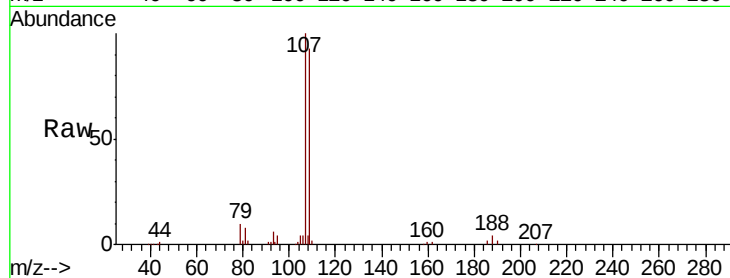
107 100

109 93.7 75.8 113.6

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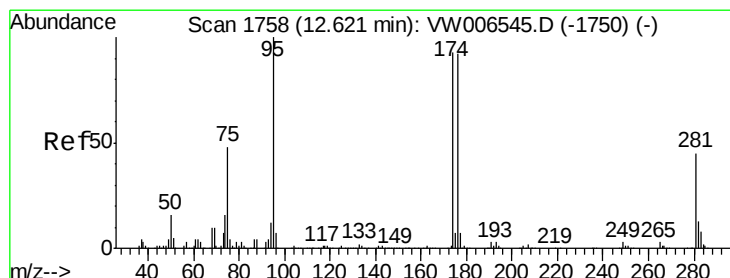
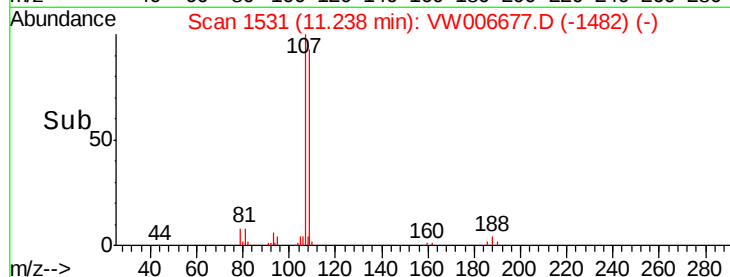
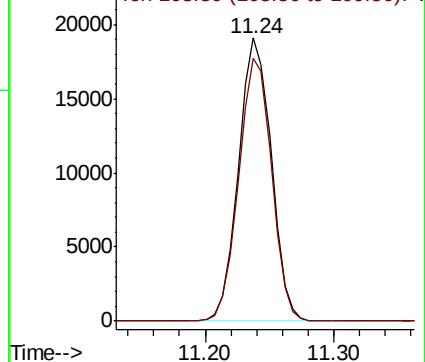
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.353 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

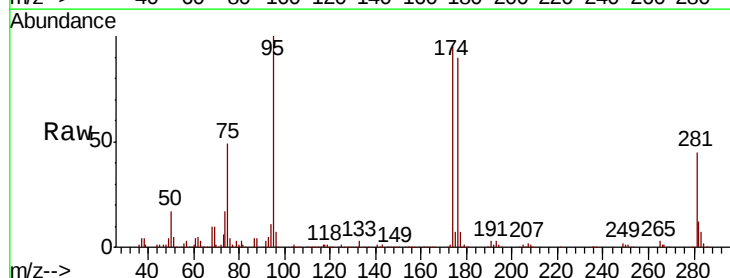
Tgt Ion: 95 Resp: 151890

Ion Ratio Lower Upper

95 100

174 98.3 0.0 192.4

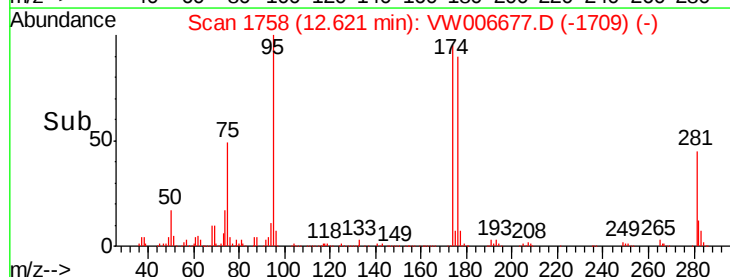
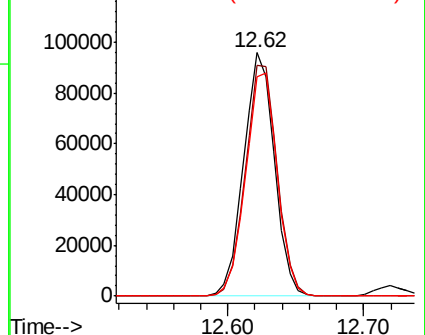
176 94.6 0.0 187.4

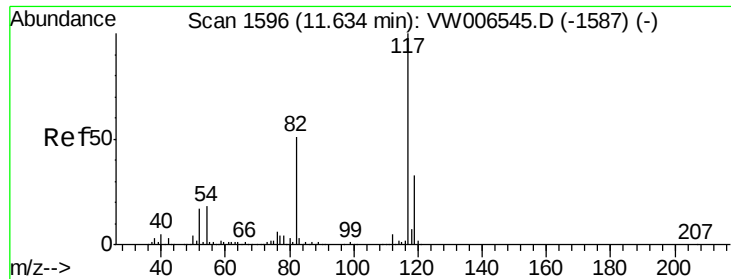


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





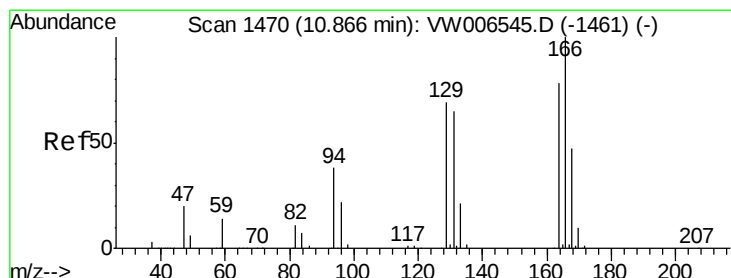
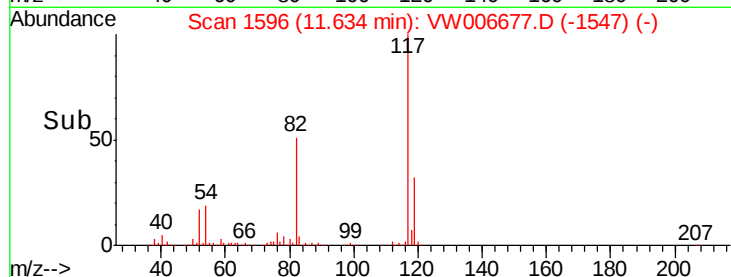
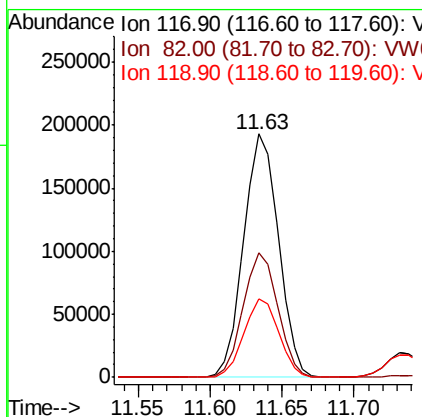
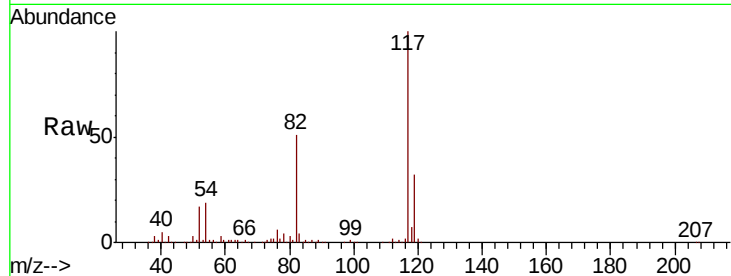
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.8	61.2
119	32.1	26.1	39.1

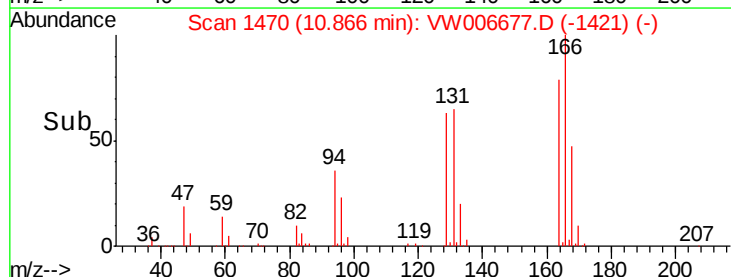
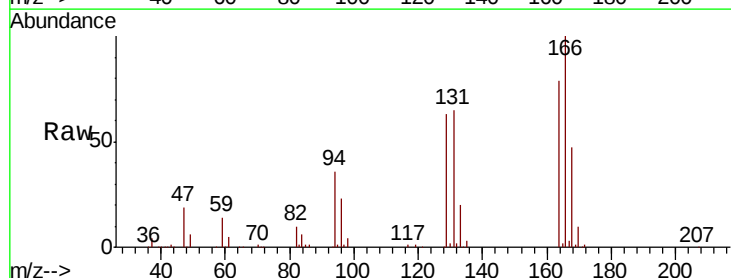
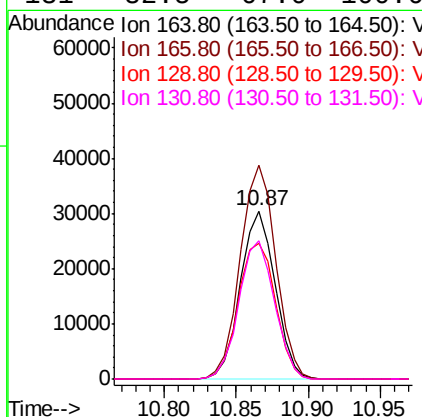
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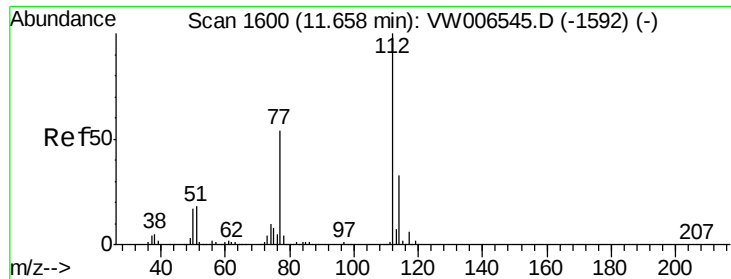
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#64
Tetrachloroethene
Concen: 19.706 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	102.8	154.2
129	80.3	70.9	106.3
131	82.5	67.0	100.6





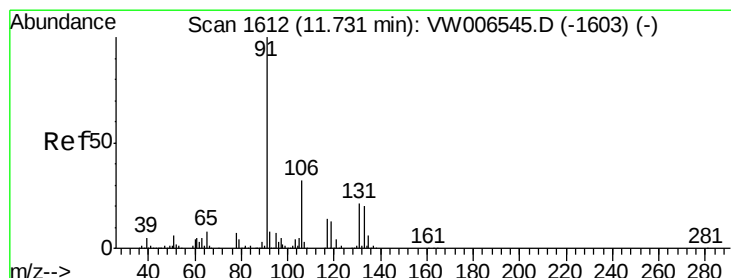
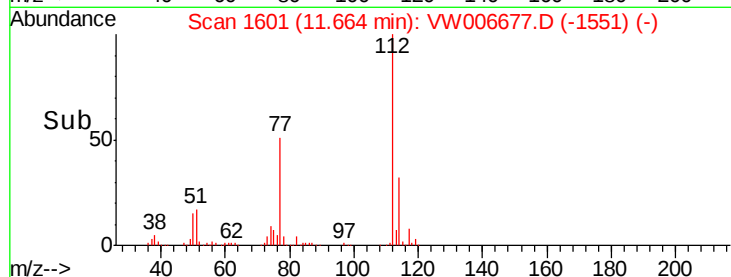
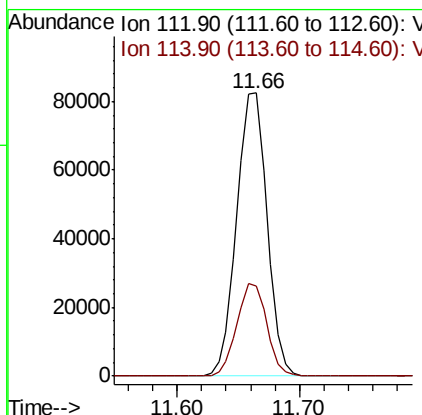
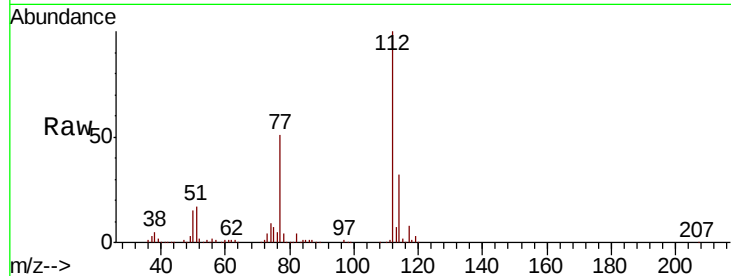
#65
Chlorobenzene
Concen: 20.893 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.2	39.2

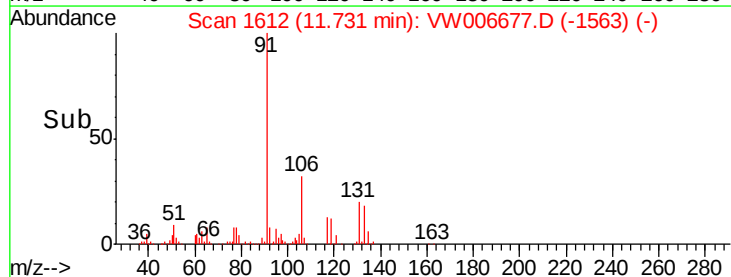
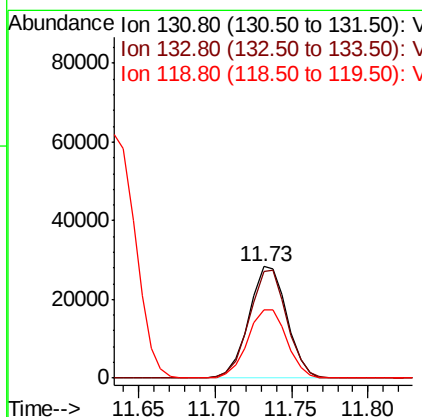
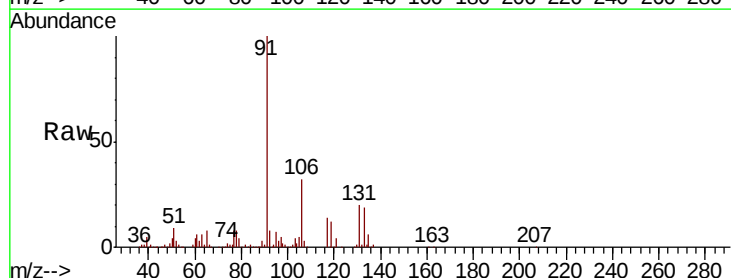
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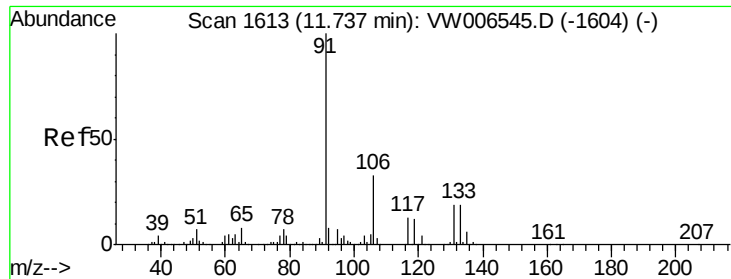
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.527 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.5	142.5
119	63.5	31.9	95.5





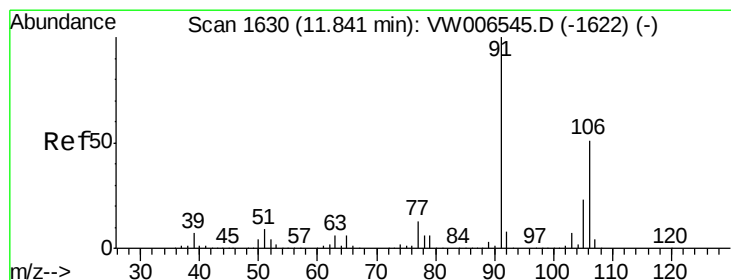
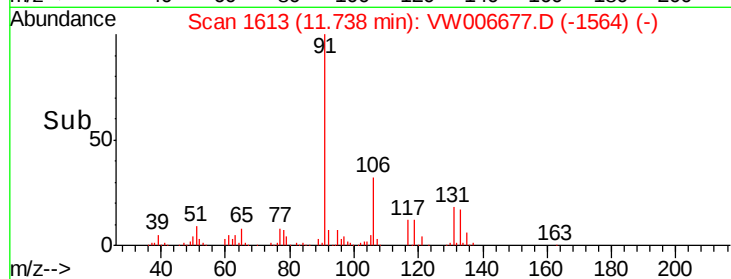
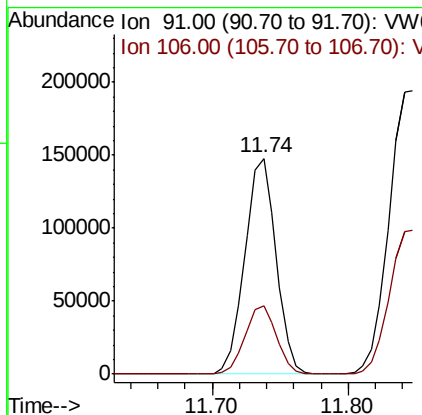
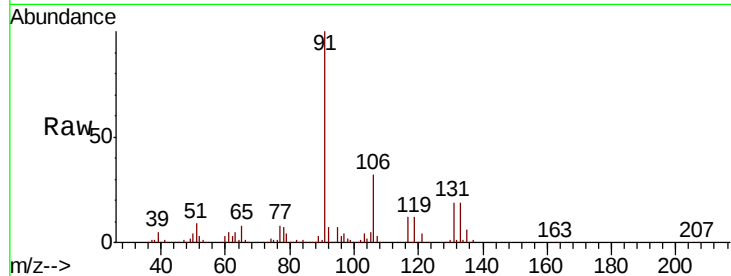
#67
Ethyl Benzene
Concen: 20.966 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion: 91 Resp: 238549
Ion Ratio Lower Upper
91 100
106 31.9 26.3 39.5

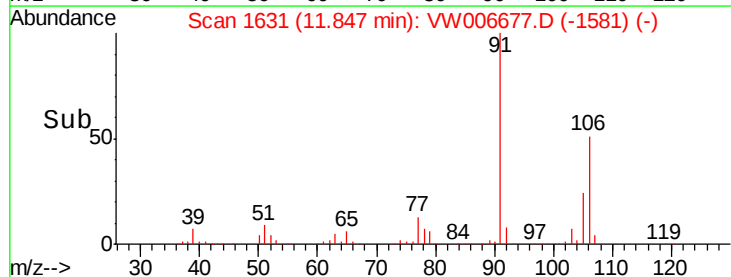
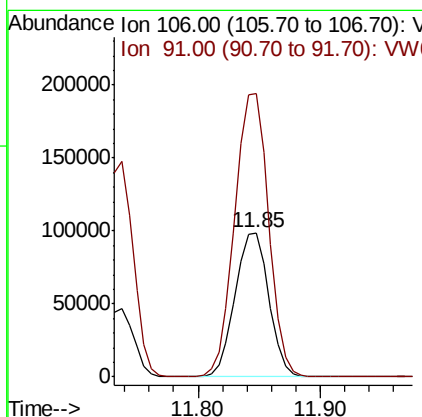
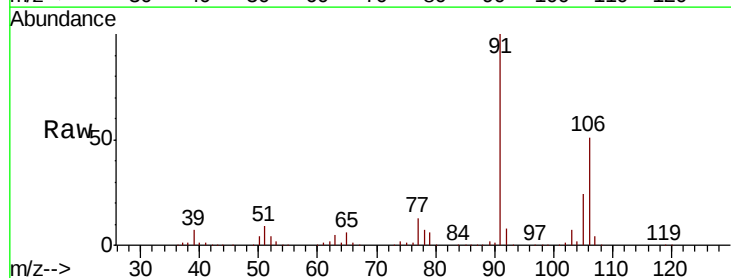
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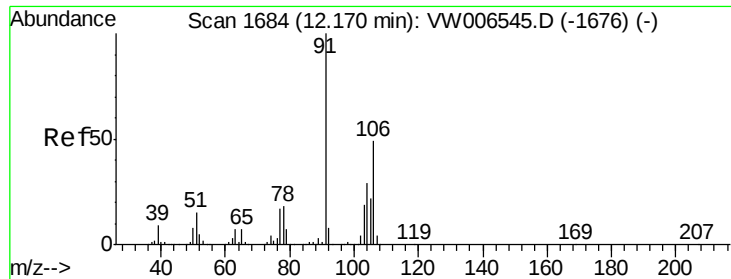
apatel
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#68
m/p-Xylenes
Concen: 41.680 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion: 106 Resp: 189466
Ion Ratio Lower Upper
106 100
91 197.0 156.7 235.1





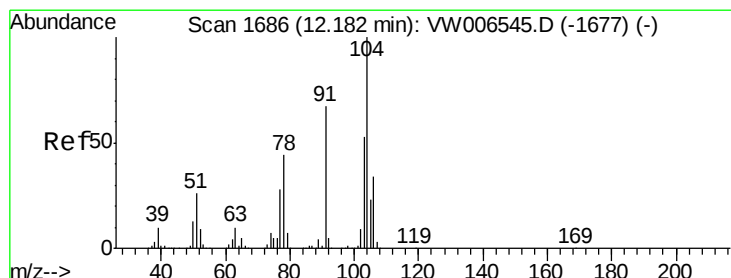
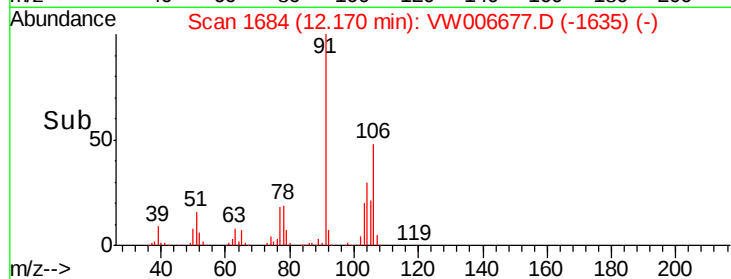
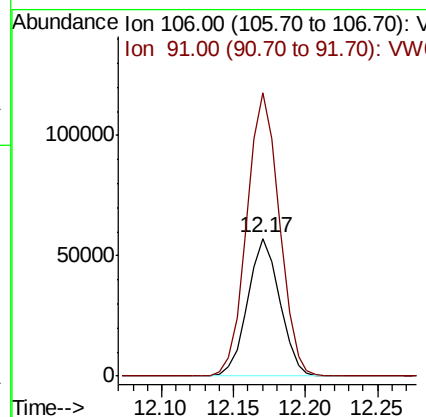
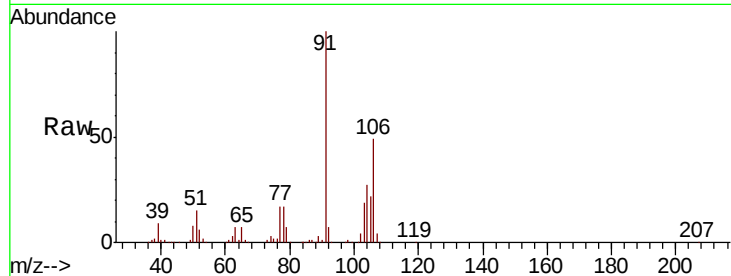
#69
o-Xylene
Concen: 20.382 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion:106 Resp: 88207
Ion Ratio Lower Upper
106 100
91 208.3 102.8 308.4

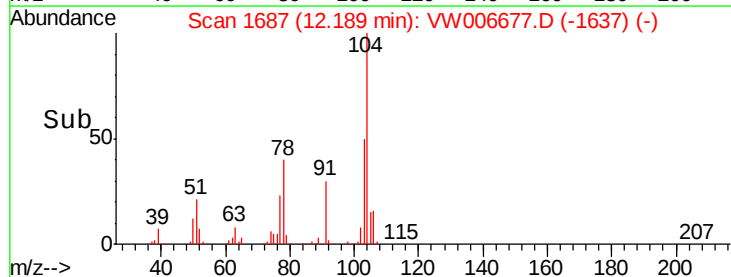
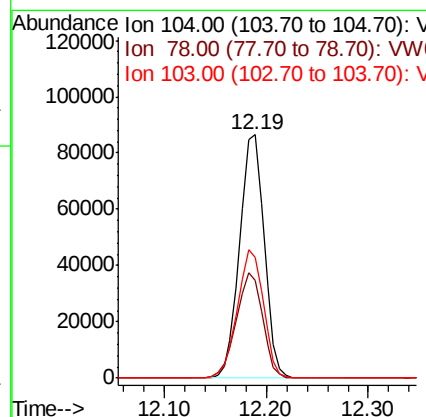
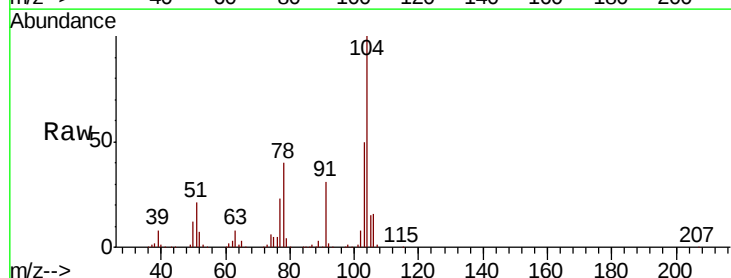
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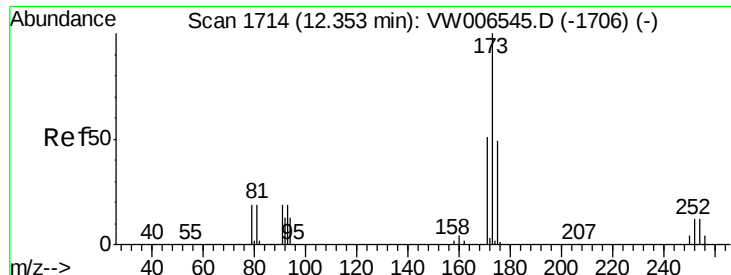
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#70
Styrene
Concen: 20.415 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion:104 Resp: 144035
Ion Ratio Lower Upper
104 100
78 46.4 37.2 55.8
103 56.1 44.2 66.2





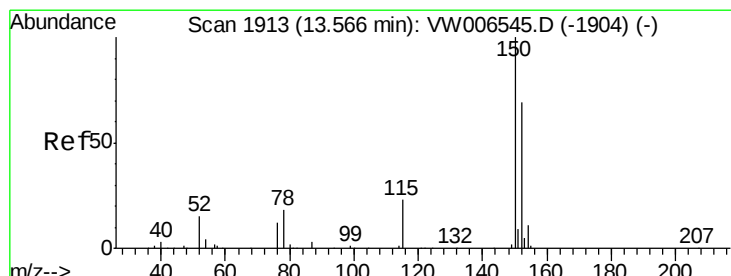
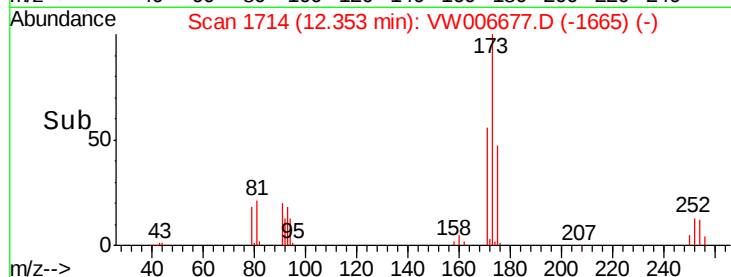
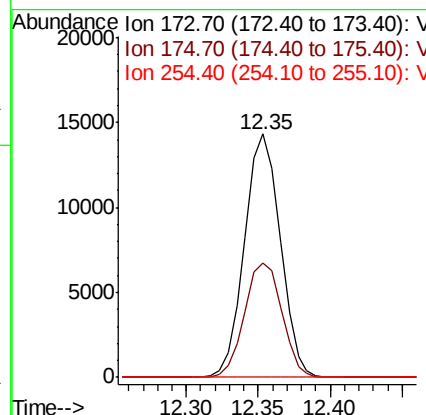
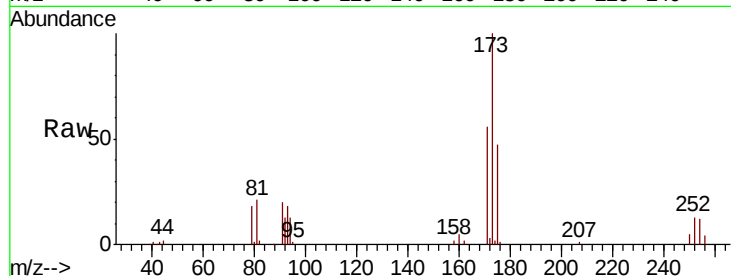
#71
Bromoform
Concen: 19.492 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.1	72.4
254	0.0	0.1	0.1#

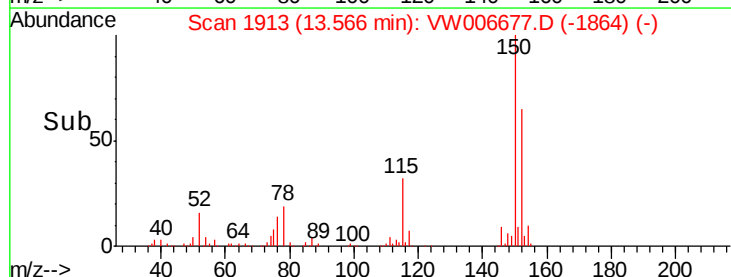
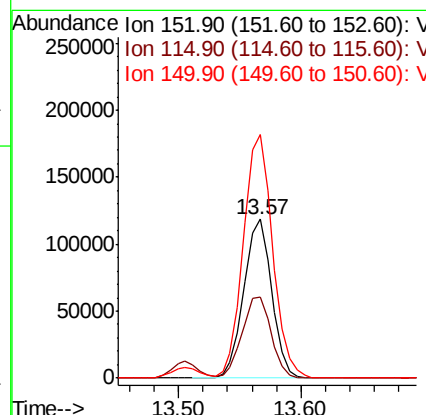
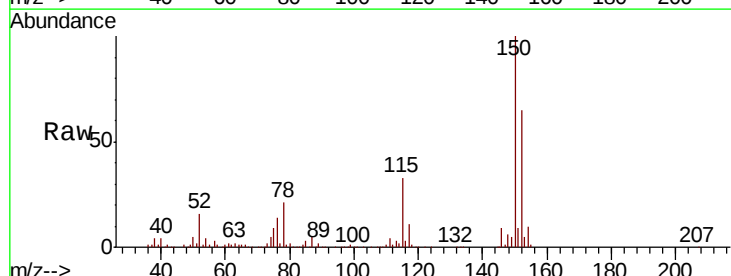
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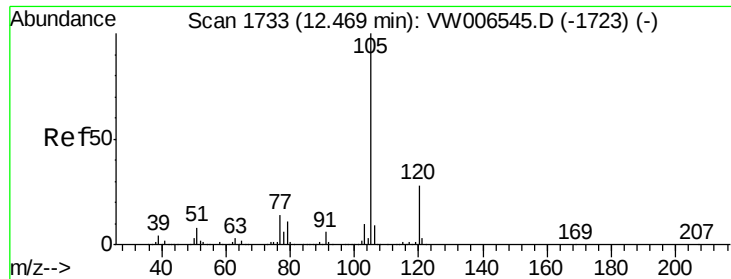
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.2	26.6	79.8
150	161.3	0.0	344.6





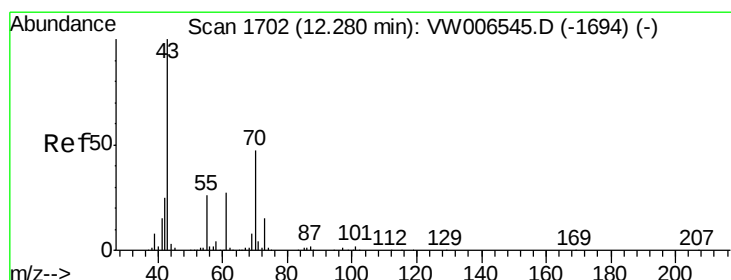
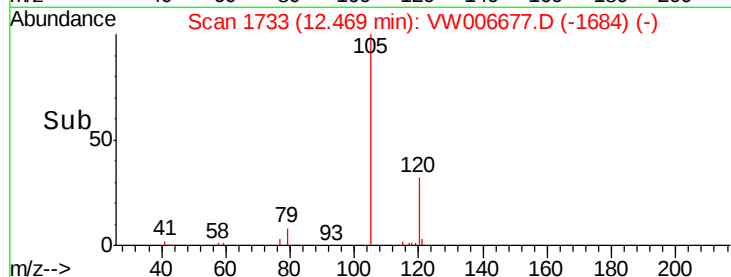
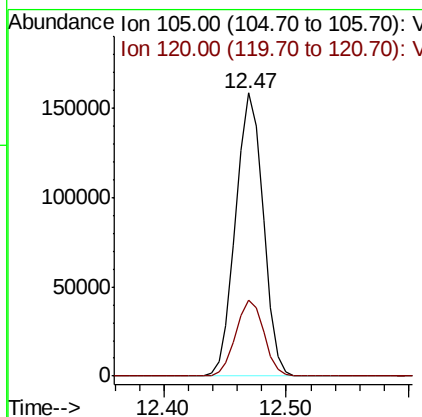
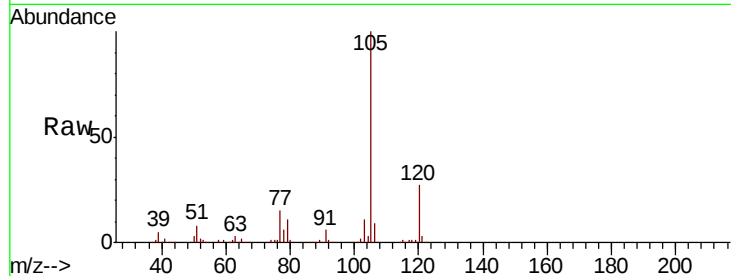
#73
Isopropylbenzene
Concen: 20.106 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.7	41.1

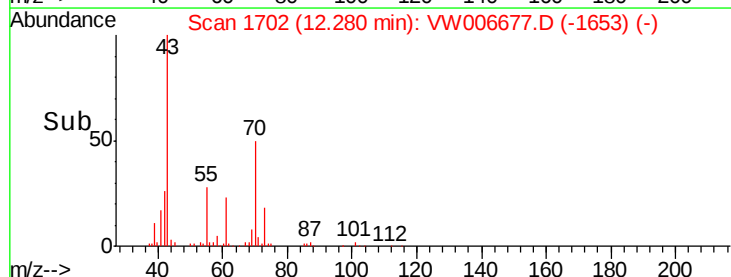
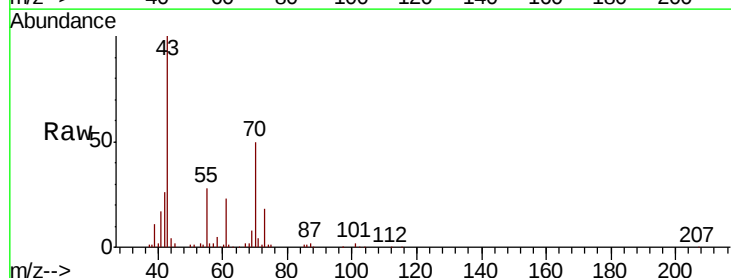
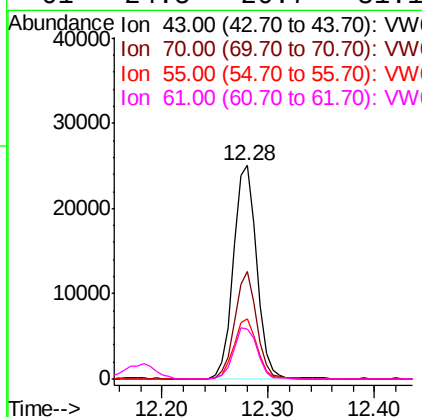
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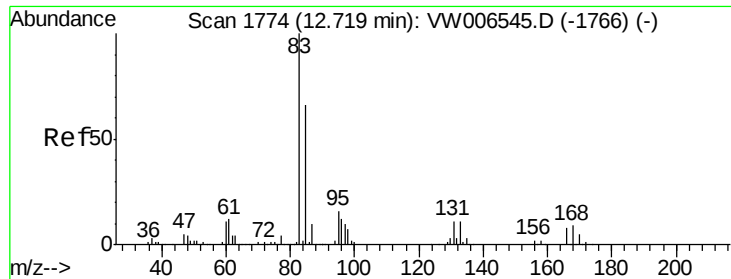
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#74
N-ethyl acetate
Concen: 18.170 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.4	36.9	55.3
55	28.0	20.7	31.1
61	24.5	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.470 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

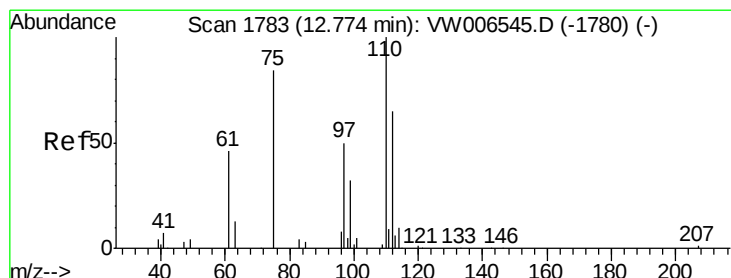
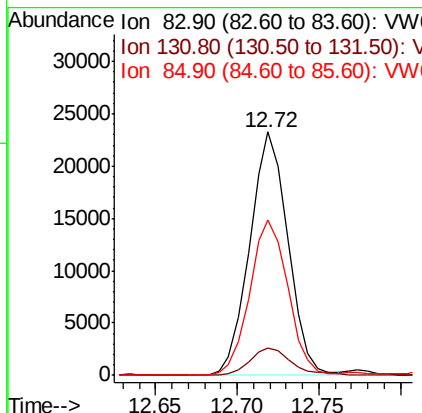
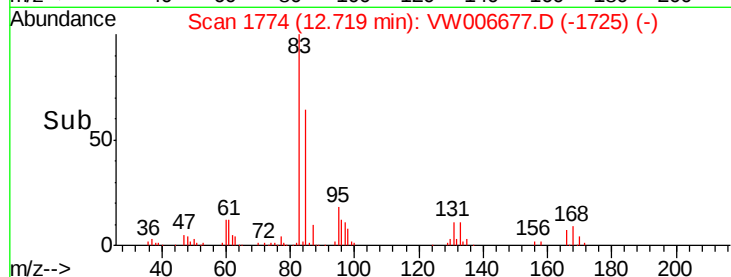
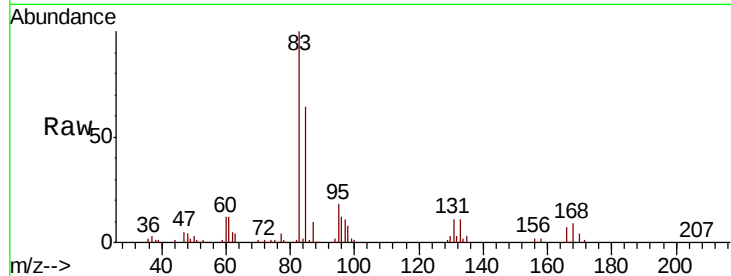
ClientSampleId :

VW1105SBS02

Tot Ion:	83	Resp:	37902
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.7
85	63.8	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.860 ug/l m

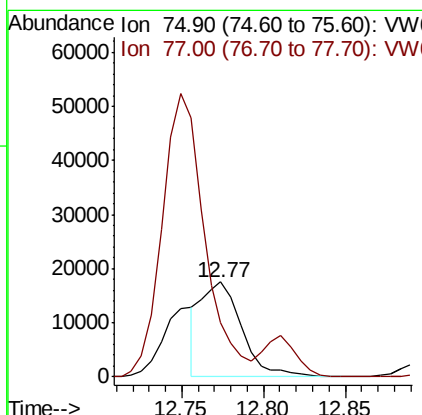
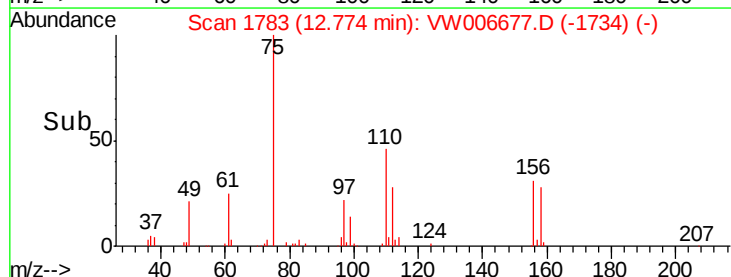
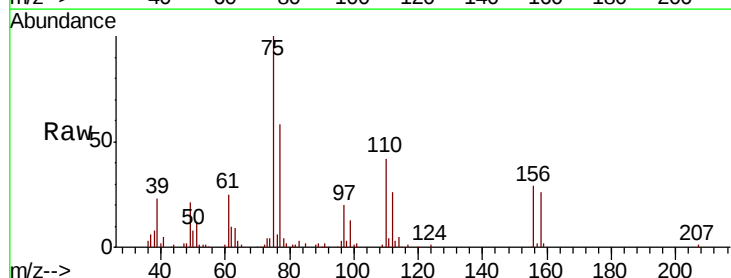
RT: 12.77 min Scan# 1783

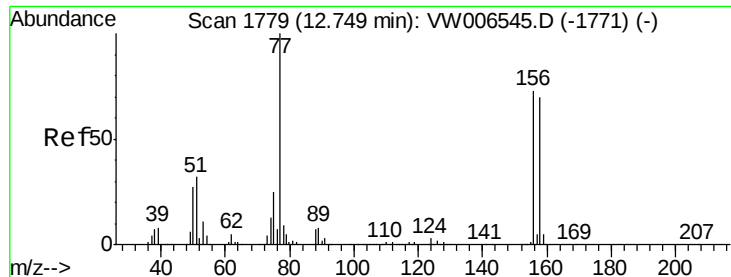
Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Tgt Ion:	75	Resp:	30452
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.938 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

Tot Ion:156 Resp: 63626

Ion Ratio Lower Upper

156 100

77 149.1 75.9 227.8

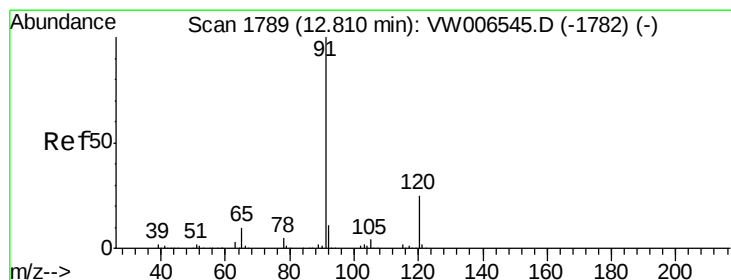
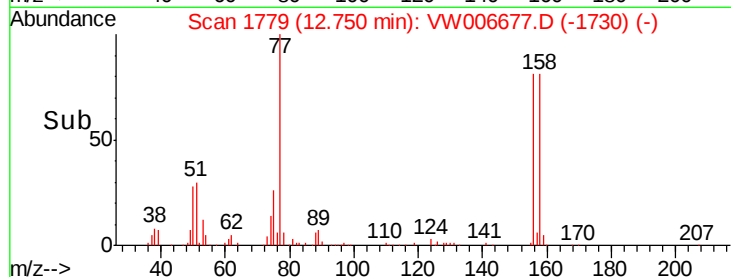
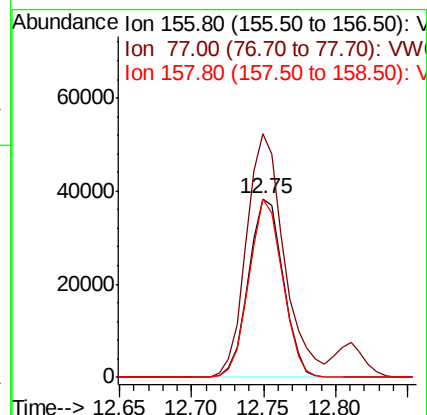
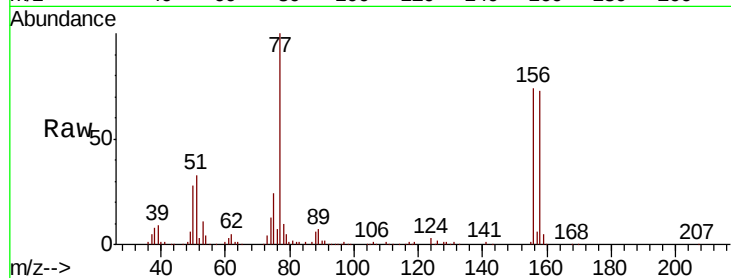
158 96.9 48.6 145.9

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#78

n-propylbenzene

Concen: 20.656 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006677.D

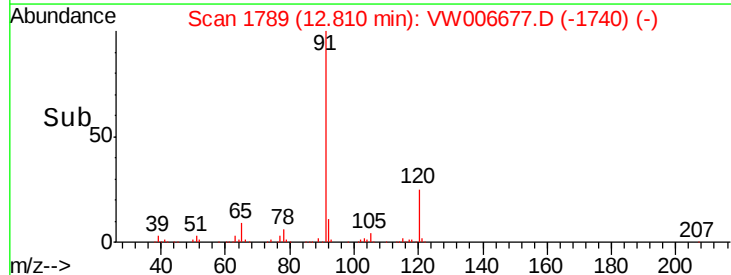
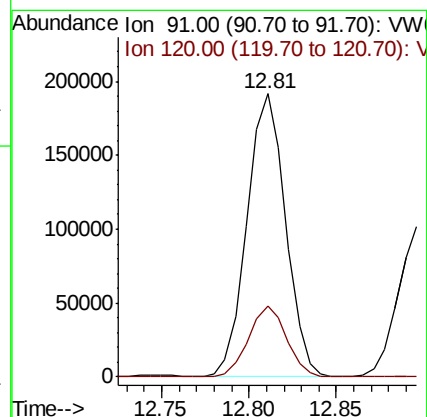
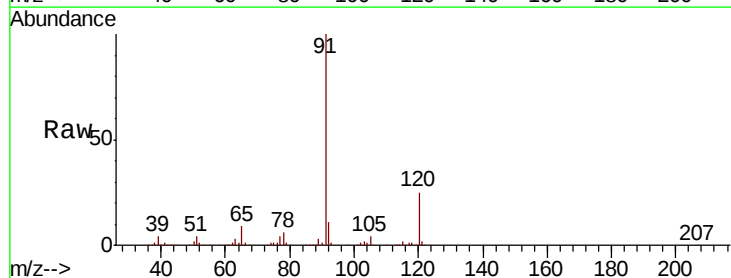
Acq: 06 Nov 2018 10:39

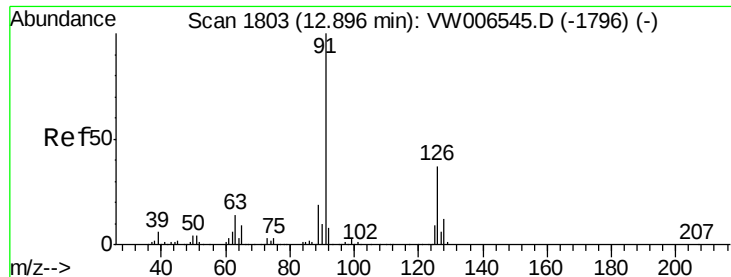
Tgt Ion: 91 Resp: 292847

Ion Ratio Lower Upper

91 100

120 24.7 12.4 37.0





#79

2-Chlorotoluene

Concen: 19.845 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

Tot Ion: 91 Resp: 161461

Ion Ratio Lower Upper

91 100

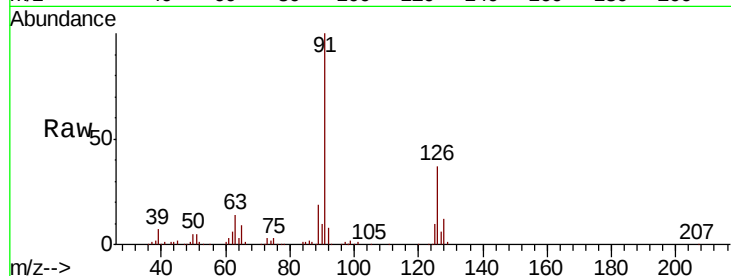
126 37.3 18.5 55.5

Manual Integrations

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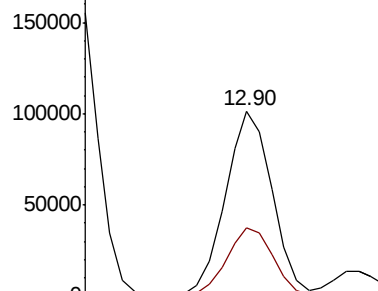
apatel

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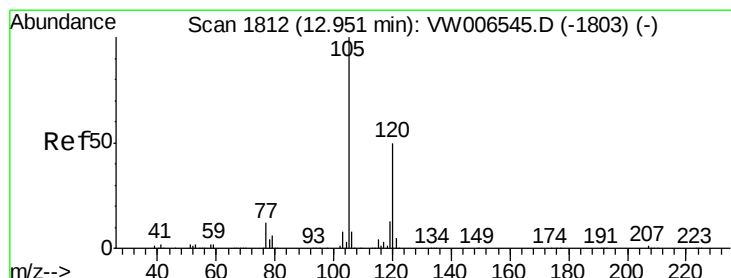
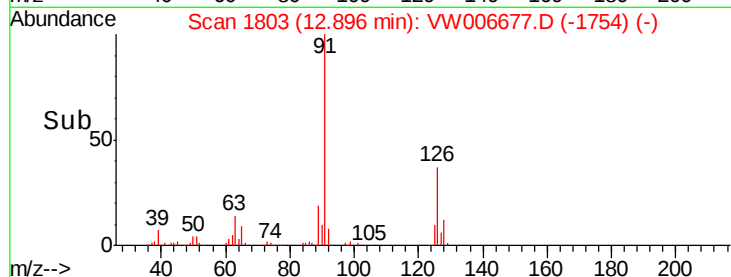


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.494 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006677.D

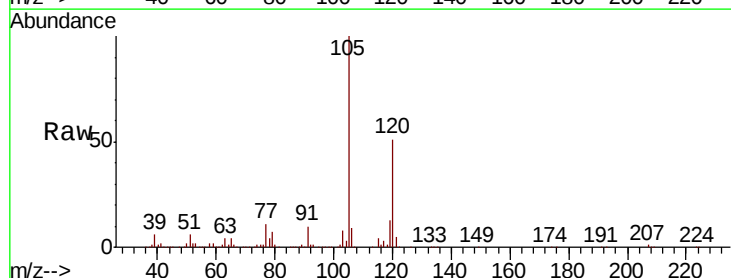
Acq: 06 Nov 2018 10:39

Tgt Ion:105 Resp: 212216

Ion Ratio Lower Upper

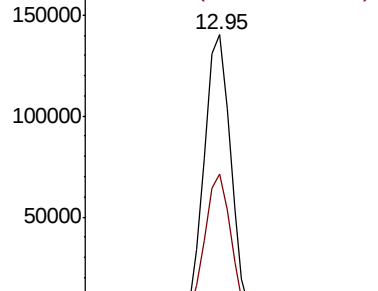
105 100

120 50.1 25.1 75.3

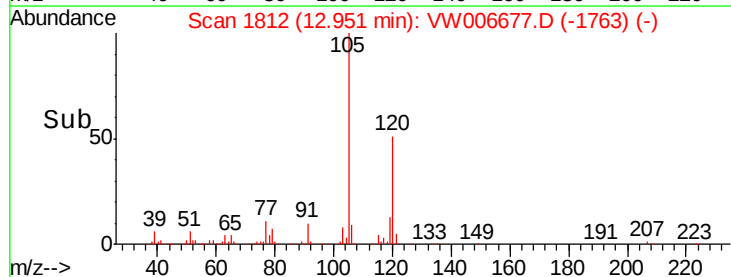


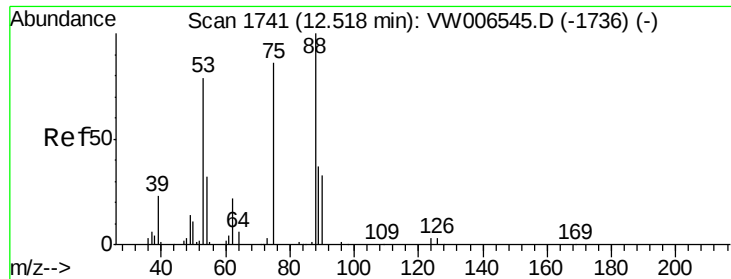
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.971 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

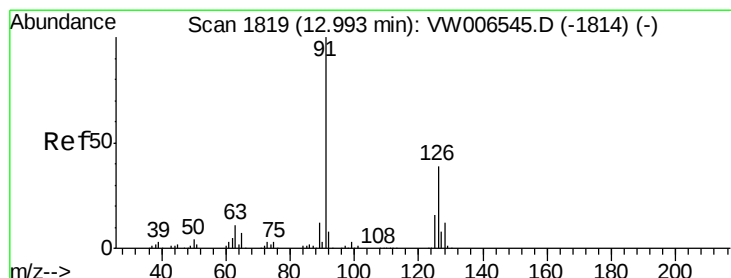
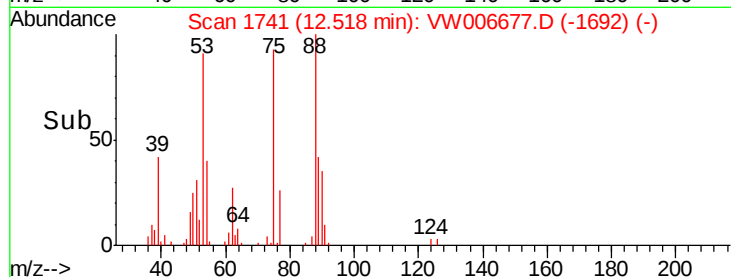
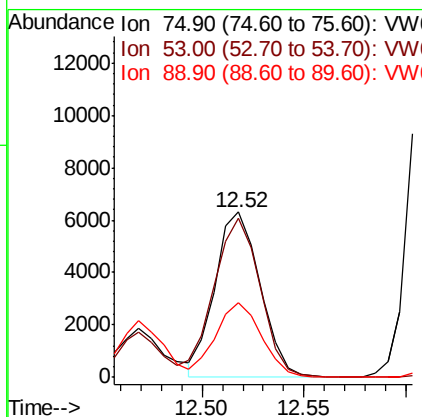
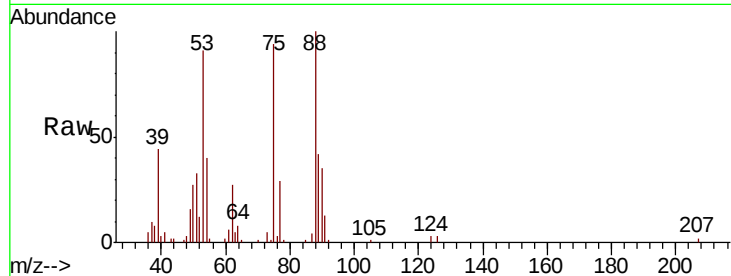
ClientSampleId :

VW1105SBS02

Tot Ion:	75	Resp:	9711
Ion	Ratio	Lower	Upper
75	100		
53	99.1	77.2	115.8
89	45.6	38.6	58.0

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#82

4-Chlorotoluene

Concen: 20.197 ug/l

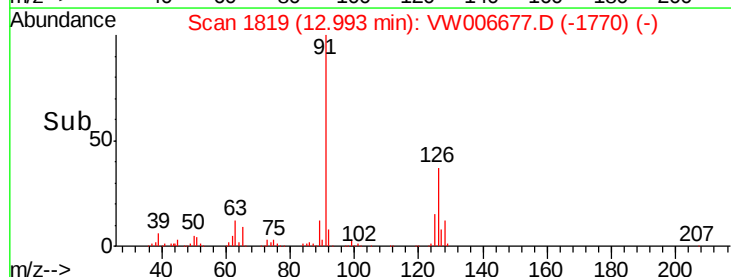
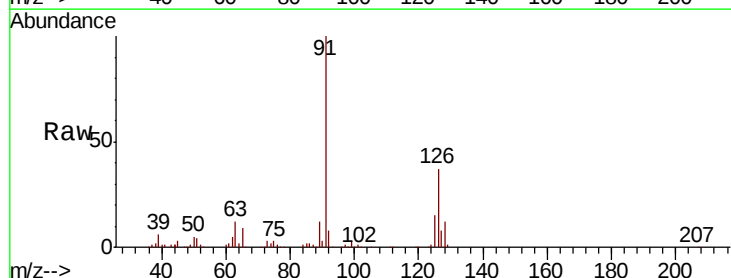
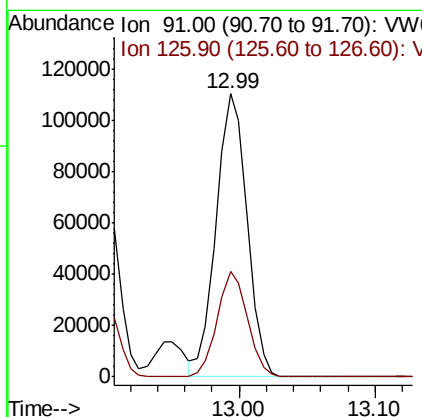
RT: 12.99 min Scan# 1819

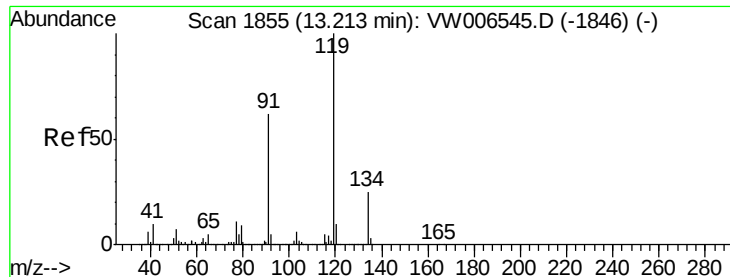
Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Tgt Ion:	91	Resp:	173855
Ion	Ratio	Lower	Upper
91	100		
126	36.4	18.5	55.5





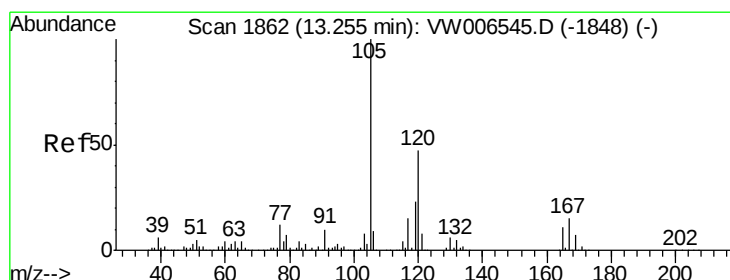
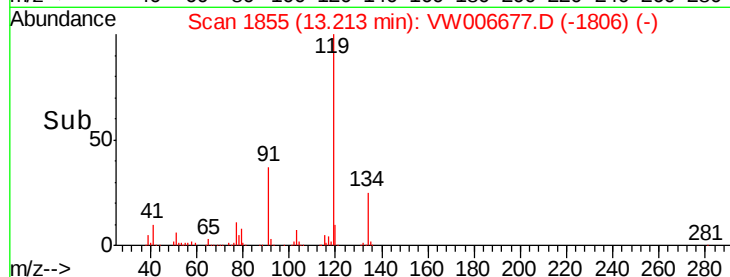
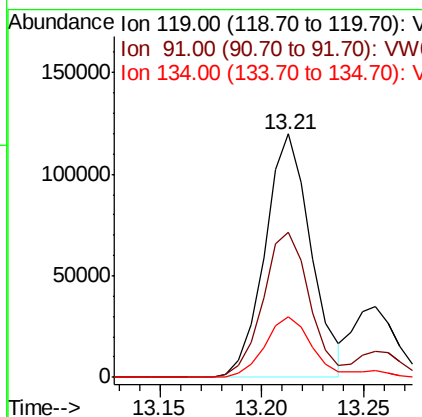
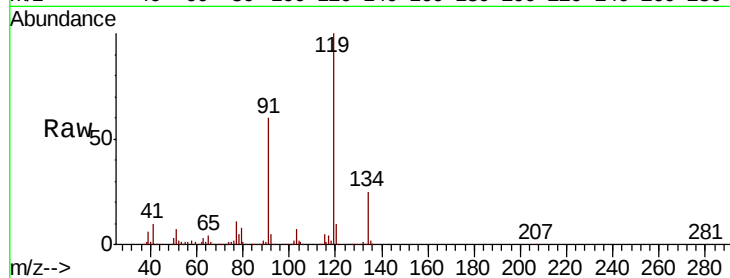
#83
tert-Butylbenzene
Concen: 20.385 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	30.4	91.3
134	25.4	13.5	40.4

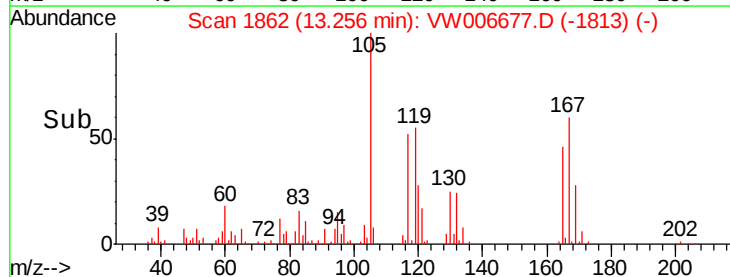
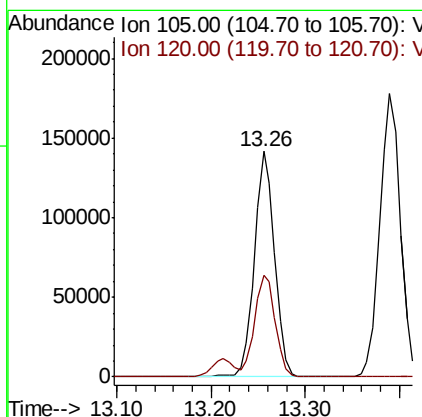
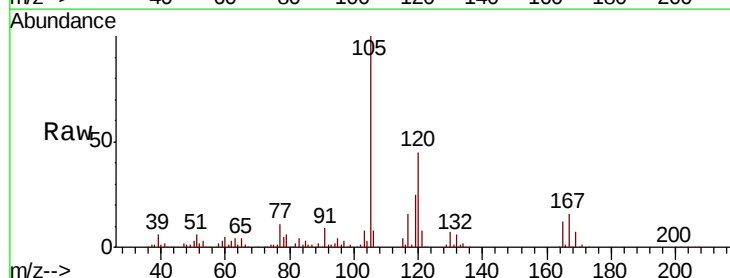
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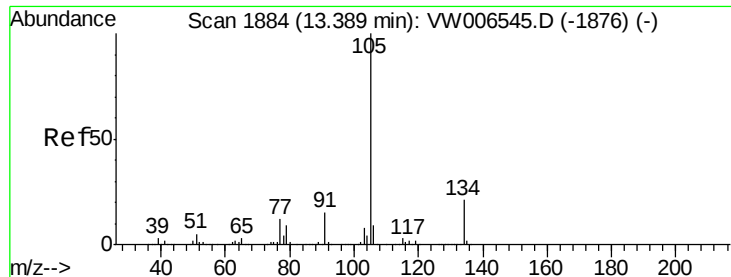
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#84
1,2,4-Trimethylbenzene
Concen: 20.153 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.2	69.6





#85

sec-Butylbenzene

Concen: 20.741 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

Tot Ion:105 Resp: 268255

Ion Ratio Lower Upper

105 100

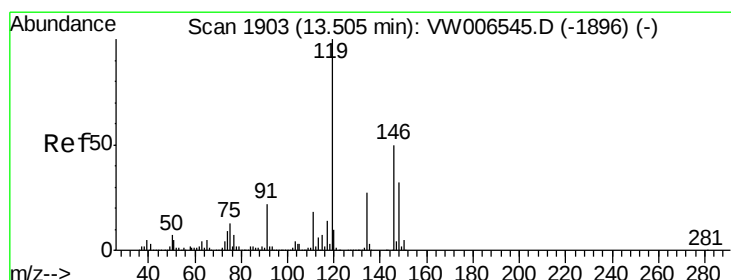
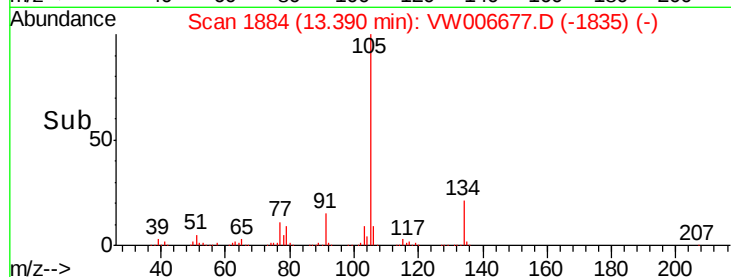
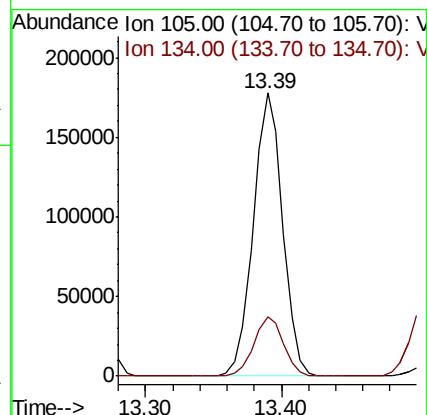
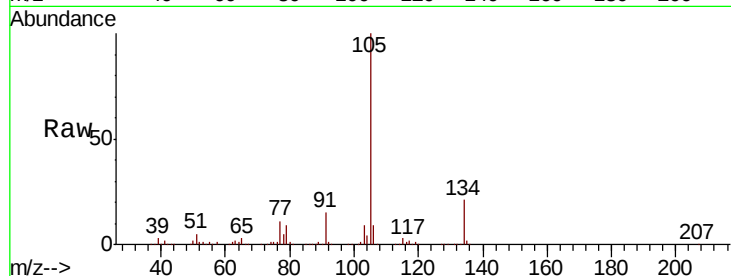
134 21.2 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 20.525 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

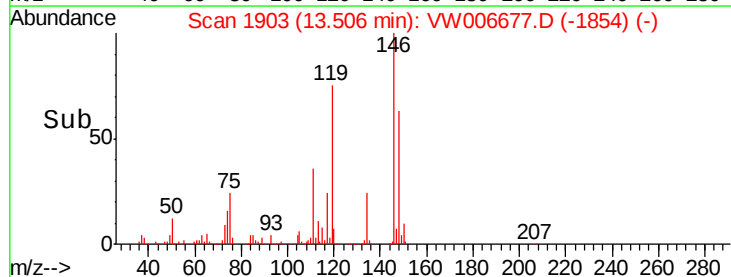
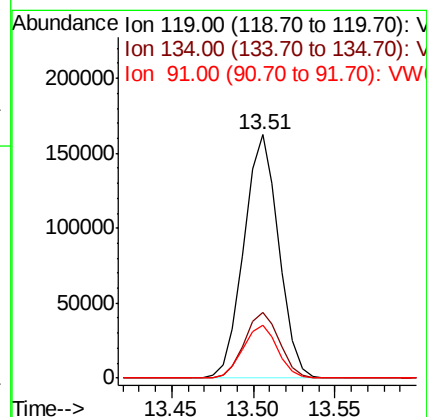
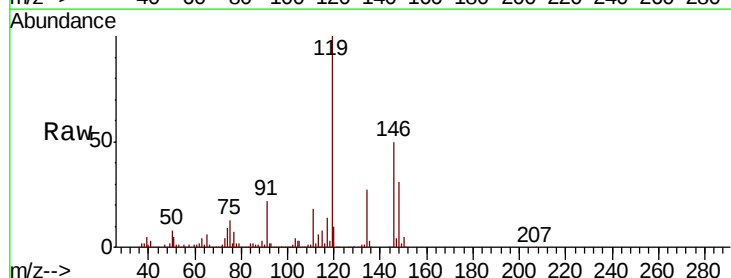
Tgt Ion:119 Resp: 241544

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

91 21.8 10.9 32.6





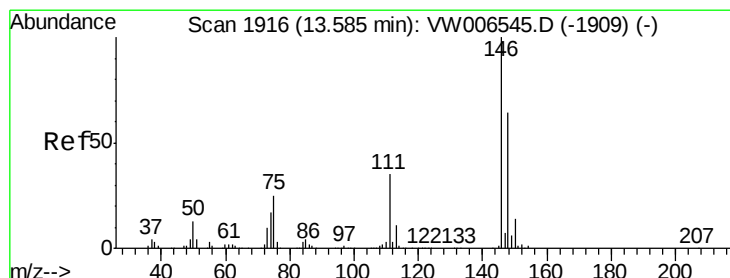
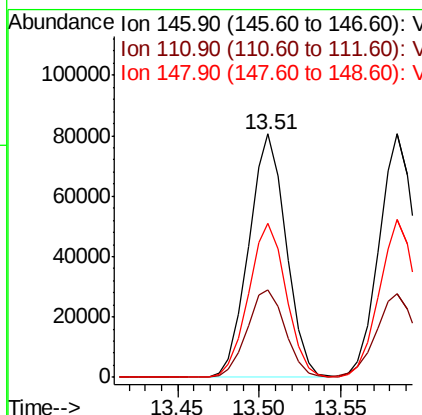
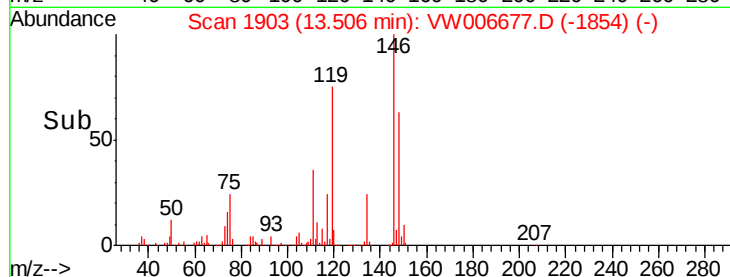
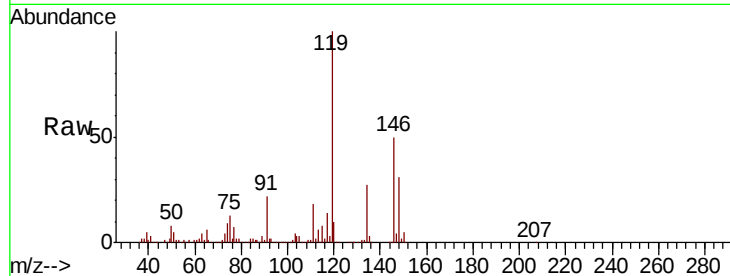
#87
 1,3-Dichlorobenzene
 Concen: 20.372 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.6
148	63.4	32.1	96.3

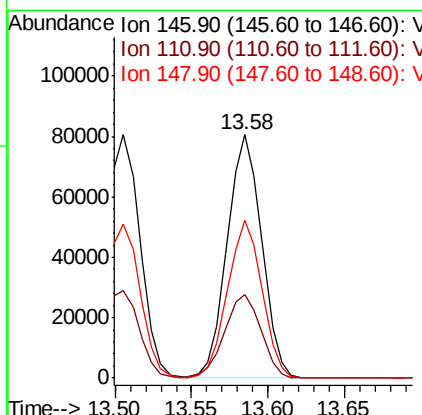
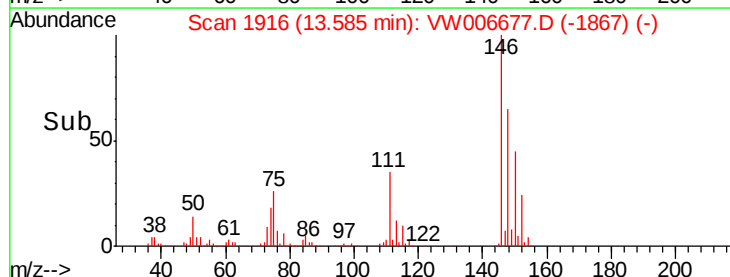
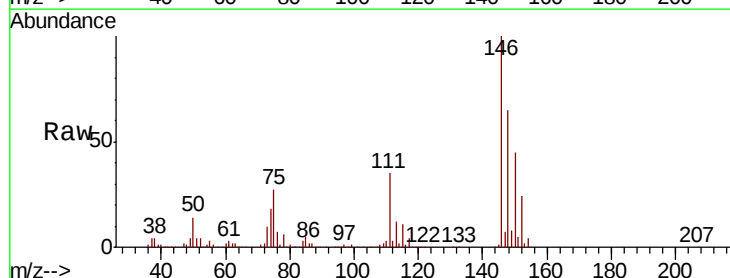
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#88
 1,4-Dichlorobenzene
 Concen: 20.233 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	17.9	53.7
148	64.7	32.1	96.5





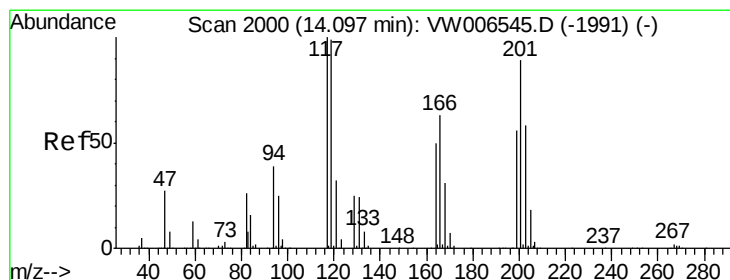
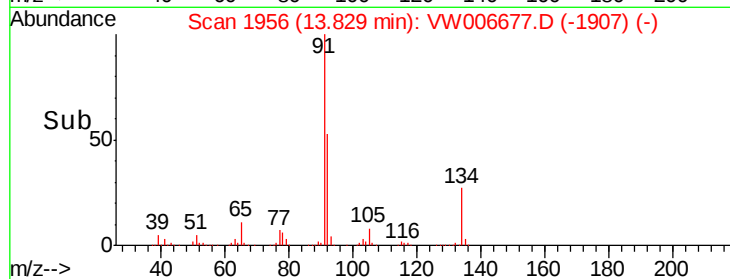
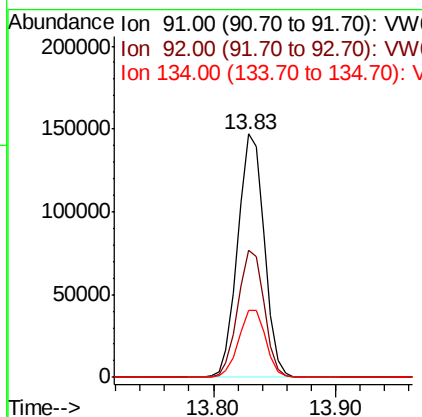
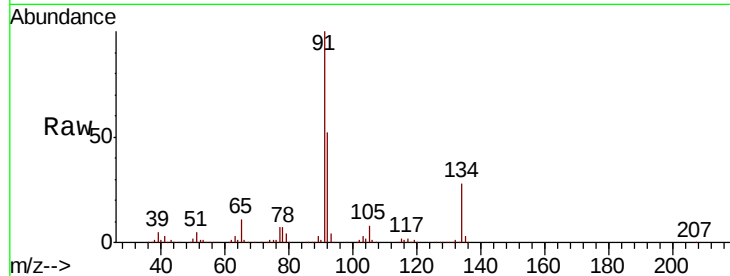
#89
n-Butylbenzene
Concen: 21.045 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.4	79.0
134	28.3	14.3	42.9

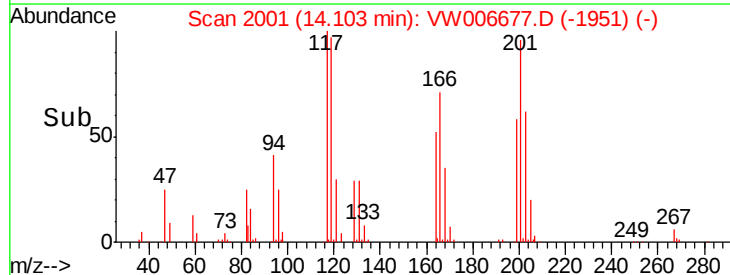
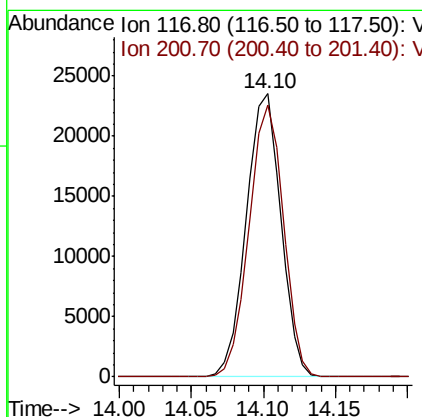
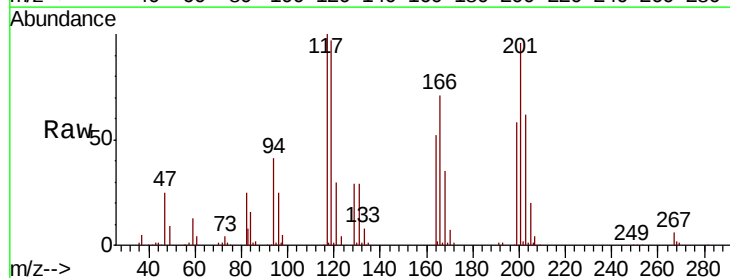
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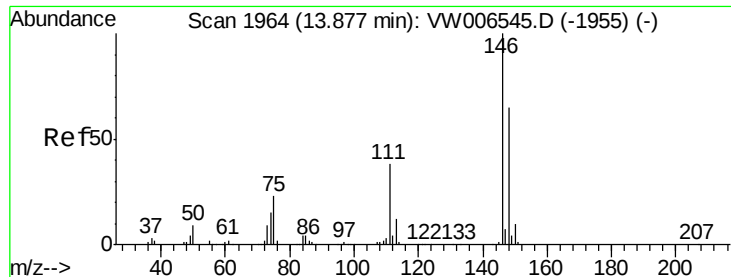
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#90
Hexachloroethane
Concen: 20.223 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.4	46.8	140.3





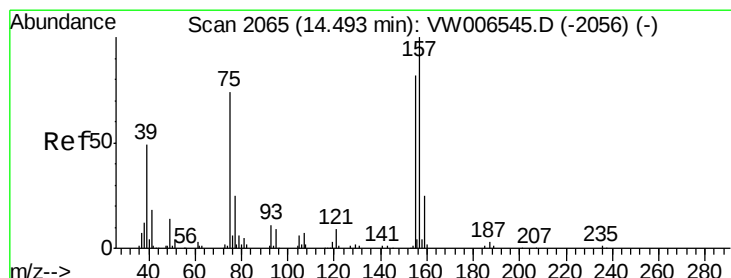
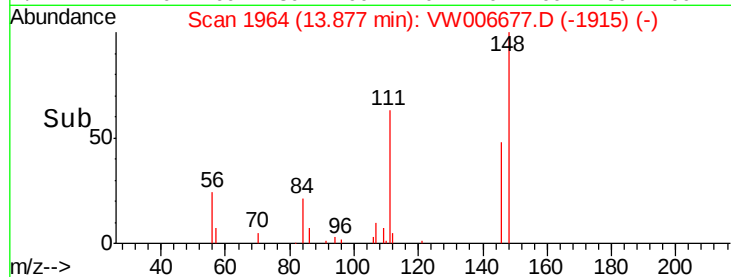
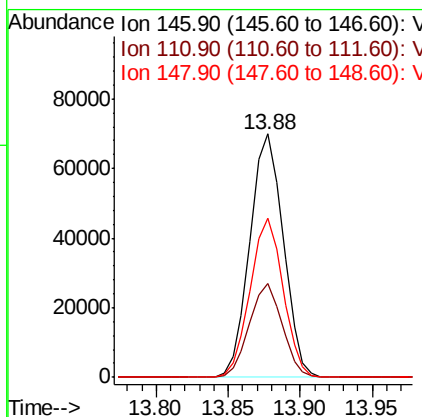
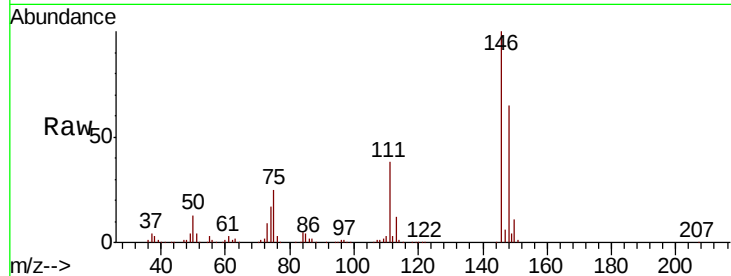
#91
 1,2-Dichlorobenzene
 Concen: 19.887 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.5
148	64.5	32.0	96.0

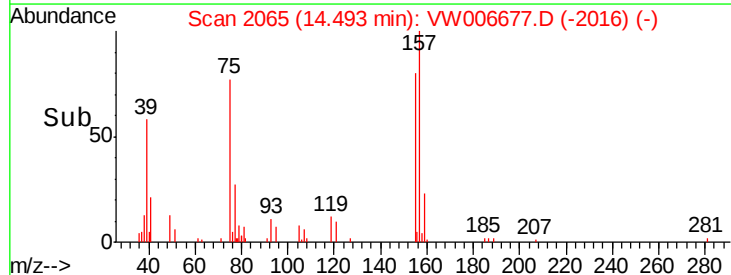
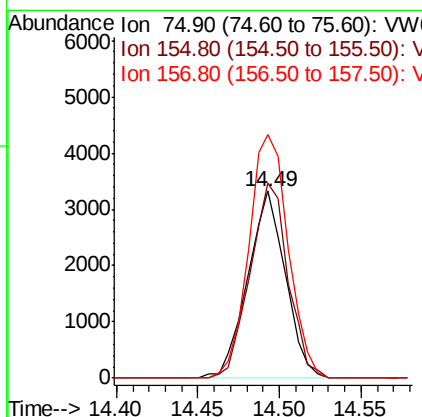
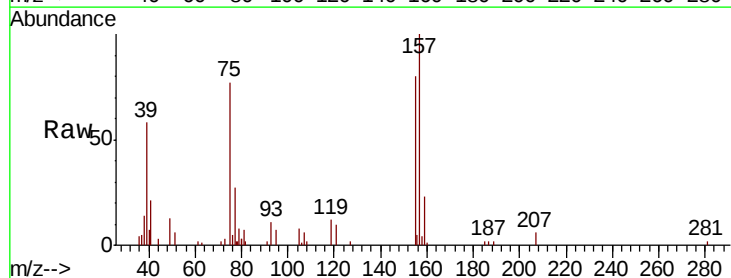
Manual Integrations
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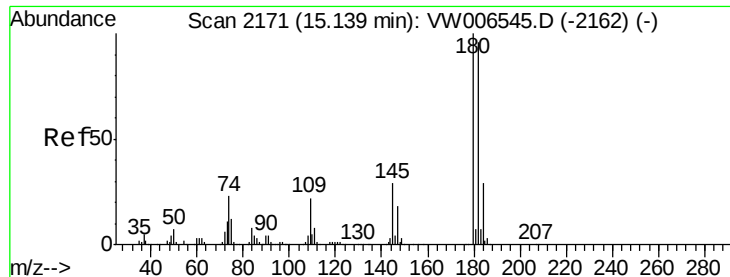
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.937 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.1	50.6	151.8
157	136.4	65.0	195.0





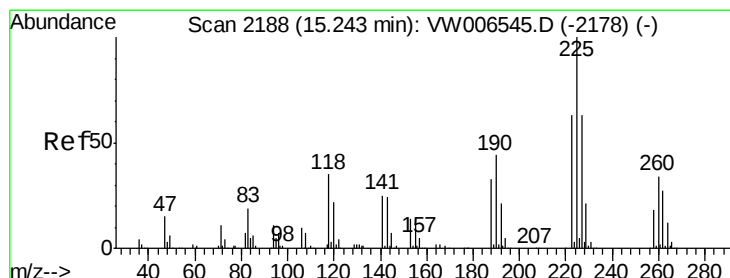
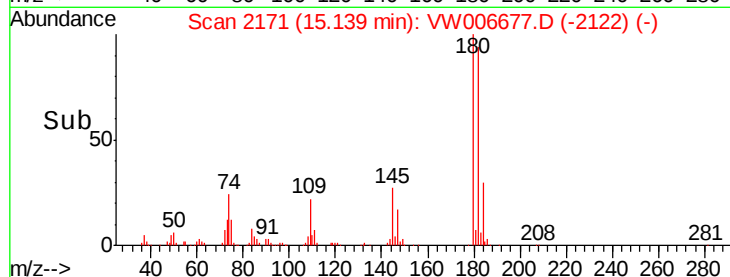
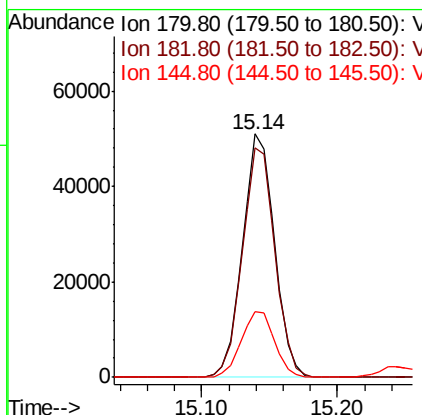
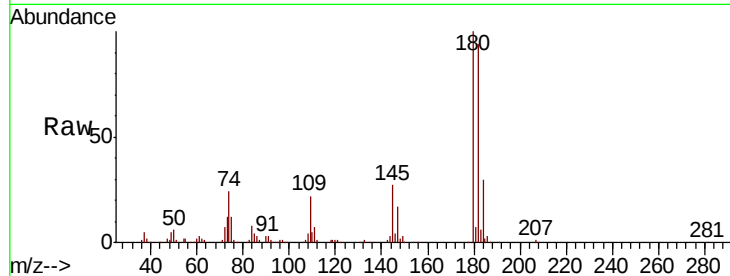
#93
 1,2,4-Trichlorobenzene
 Concen: 19.913 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	47.5	142.6	
145	28.0	14.0	42.0	

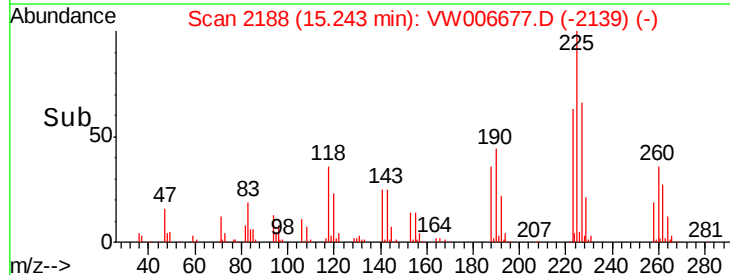
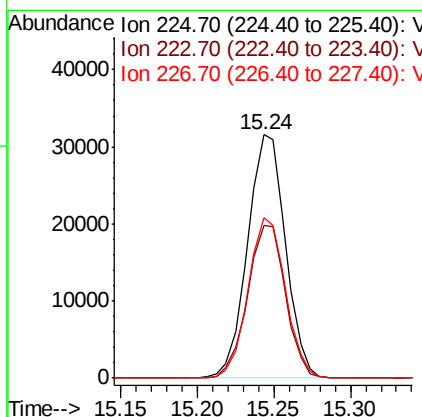
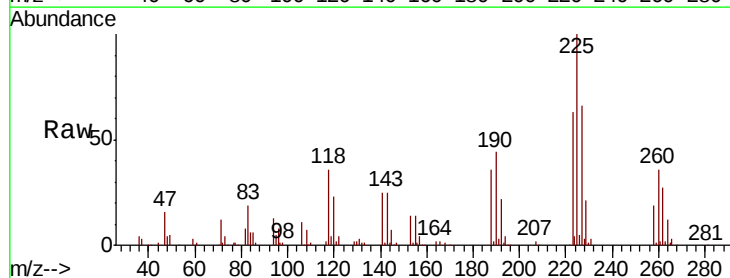
Manual Integrations
 APPROVED

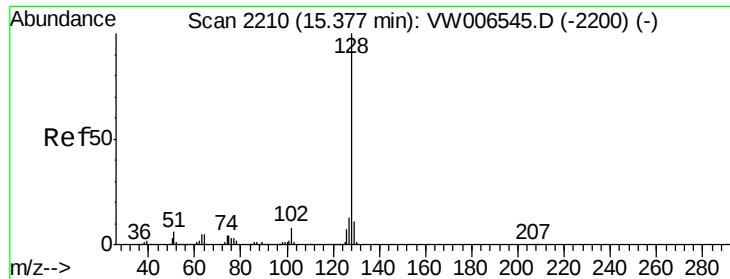
apatel
 11/6/2018 11:44:59 AM



#94
 Hexachlorobutadiene
 Concen: 20.812 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	31.4	94.2	
227	64.6	32.2	96.6	





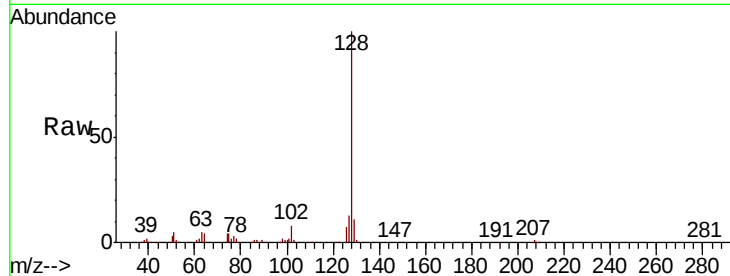
#95
Naphthalene
Concen: 18.072 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
11/6/2018 11:44:59 AM

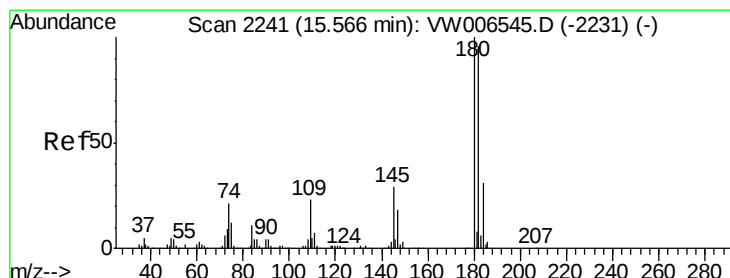
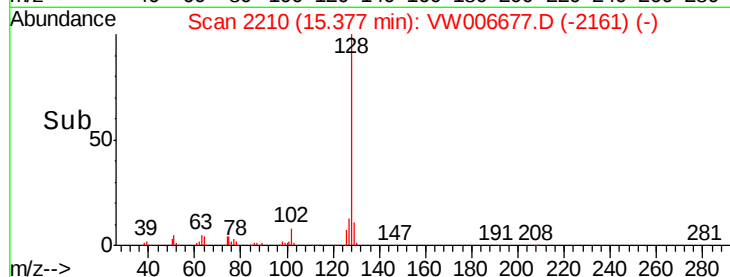
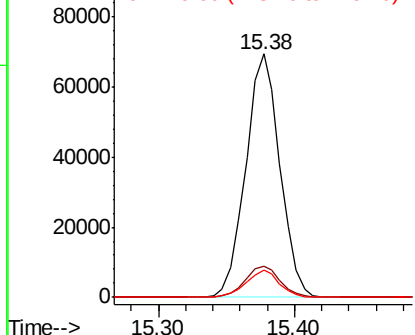


Abundance

Ion 128.00 (127.70 to 128.70): V

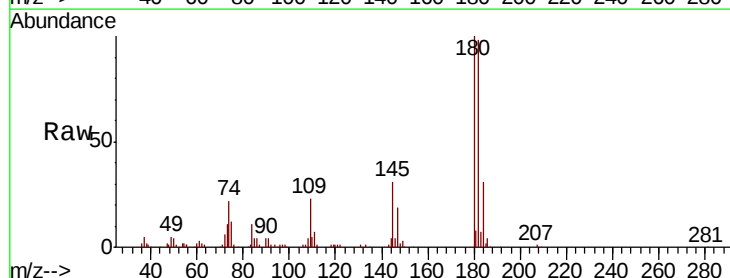
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.236 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.2	144.6
145	29.4	14.9	44.5



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

