

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110318\
 Data File : VW006577.D
 Acq On : 02 Nov 2018 00:43
 Operator : SY/AP
 Sample : VW110318SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Manual Integrations
 APPROVED

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 11/2/2018 1:01:28 PM

Quant Time: Nov 02 08:23:33 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	242088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	356541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	181102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111917	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
35) Dibromofluoromethane	7.88	113	118075	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
50) Toluene-d8	10.33	98	446648	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.62	95	151730	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29160	23.235	ug/l	96
3) Chloromethane	2.21	50	34040	21.922	ug/l	95
4) Vinyl Chloride	2.37	62	49578	22.867	ug/l	97
5) Bromomethane	2.78	94	42378	23.290	ug/l	99
6) Chloroethane	2.92	64	33965	22.421	ug/l	98
7) Trichlorofluoromethane	3.26	101	40560	21.184	ug/l	96
8) Diethyl Ether	3.67	74	21760	20.791	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45571	22.290	ug/l	99
10) Methyl Iodide	4.26	142	76890	20.742	ug/l	99
11) Tert butyl alcohol	5.17	59	13899	123.964	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	42194	21.368	ug/l	99
13) Acrolein	3.89	56	15110	107.149	ug/l	100
14) Allyl chloride	4.67	41	53891	20.908	ug/l	99
15) Acrylonitrile	5.37	53	42854	114.196	ug/l	99
16) Acetone	4.12	43	39429	117.358	ug/l	94
17) Carbon Disulfide	4.37	76	123669	22.008	ug/l	100
18) Methyl Acetate	4.67	43	21186	21.929	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	63274	21.527	ug/l	99
20) Methylene Chloride	4.91	84	48013	18.260	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	47968	21.468	ug/l	92
22) Diisopropyl ether	6.31	45	119320	22.205	ug/l	98
23) Vinyl Acetate	6.26	43	325910	109.369	ug/l	98
24) 1,1-Dichloroethane	6.21	63	79466	21.820	ug/l	99
25) 2-Butanone	7.17	43	56002	116.812	ug/l	99
26) 2,2-Dichloropropane	7.17	77	44739	20.393	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	53513	21.407	ug/l	100
28) Bromochloromethane	7.51	49	31804	21.993	ug/l	97
29) Tetrahydrofuran	7.53	42	34477	114.335	ug/l	99
30) Chloroform	7.68	83	85991	21.536	ug/l	99
31) Cyclohexane	7.96	56	69683	21.023	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	73227	21.673	ug/l	99
36) 1,1-Dichloropropene	8.09	75	65956	21.036	ug/l	99
37) Ethyl Acetate	7.26	43	24306	22.370	ug/l	98
38) Carbon Tetrachloride	8.07	117	69865	21.324	ug/l	99

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 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)
39) Methylcyclohexane	9.34	83	80793	20.305	ug/l	97
40) Benzene	8.32	78	192573	21.623	ug/l	98
41) Methacrylonitrile	7.49	41	13054	19.592	ug/l	91
42) 1,2-Dichloroethane	8.40	62	54475	21.329	ug/l	99
43) Isopropyl Acetate	8.43	43	47419	21.870	ug/l	96
44) Trichloroethene	9.09	130	57569	20.948	ug/l	95
45) 1,2-Dichloropropane	9.37	63	44963	21.695	ug/l	99
46) Dibromomethane	9.46	93	25695	21.090	ug/l	99
47) Bromodichloromethane	9.65	83	60391	21.348	ug/l	98
48) Methyl methacrylate	9.44	41	22689	21.719	ug/l	98
49) 1,4-Dioxane	9.45	88	7818	438.476	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	122499	110.007	ug/l	99
52) Toluene	10.39	92	126410	21.163	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	56677	20.818	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	66006	20.517	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	36453	21.088	ug/l	96
56) Ethyl methacrylate	10.65	69	40258	20.490	ug/l	96
57) 1,3-Dichloropropane	10.93	76	59305	21.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	98544	103.179	ug/l	99
59) 2-Hexanone	10.98	43	83970	111.024	ug/l	96
60) Dibromochloromethane	11.13	129	42298	20.652	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35631	20.756	ug/l	98
64) Tetrachloroethene	10.87	164	53754	21.140	ug/l	99
65) Chlorobenzene	11.66	112	142526	21.234	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49681	21.058	ug/l	98
67) Ethyl Benzene	11.74	91	233444	20.807	ug/l	100
68) m/p-Xylenes	11.84	106	187658	41.866	ug/l	100
69) o-Xylene	12.17	106	90136	21.122	ug/l	100
70) Styrene	12.18	104	149792	21.531	ug/l	99
71) Bromoform	12.35	173	25803	20.632	ug/l #	100
73) Isopropylbenzene	12.47	105	240760	20.181	ug/l	100
74) N-amyl acetate	12.28	43	43233	20.971	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	40951	21.733	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31212m	22.089	ug/l	
77) Bromobenzene	12.75	156	64225	20.793	ug/l	100
78) n-propylbenzene	12.81	91	284233	20.713	ug/l	100
79) 2-Chlorotoluene	12.90	91	162157	20.591	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	208509	20.804	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9547	19.227	ug/l	95
82) 4-Chlorotoluene	12.99	91	171935	20.636	ug/l	100
83) tert-Butylbenzene	13.21	119	187493	20.977	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	218158	21.221	ug/l	98
85) sec-Butylbenzene	13.39	105	266768	21.310	ug/l	100
86) p-Isopropyltoluene	13.51	119	238921	20.975	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	130596	21.469	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	126823	21.032	ug/l	98
89) n-Butylbenzene	13.83	91	207879	20.559	ug/l	100
90) Hexachloroethane	14.10	117	40048	21.392	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	117784	21.525	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6221	20.347	ug/l	99

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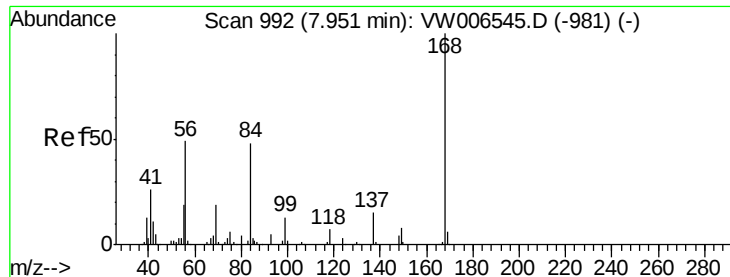
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	82191	20.201	ug/l	99
94) Hexachlorobutadiene	15.24	225	51601	20.349	ug/l	98
95) Naphthalene	15.38	128	132994	20.338	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	72135	20.172	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: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion:168 Resp: 242088

Ion Ratio Lower Upper

168 100

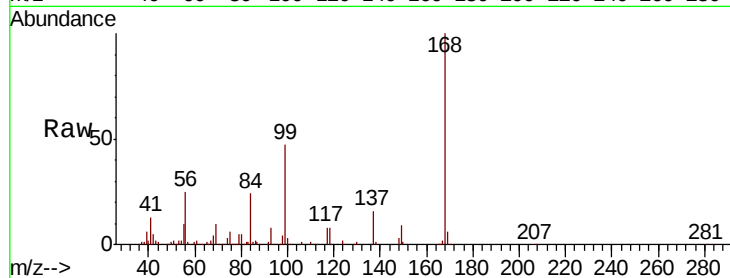
99 46.7 37.4 56.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

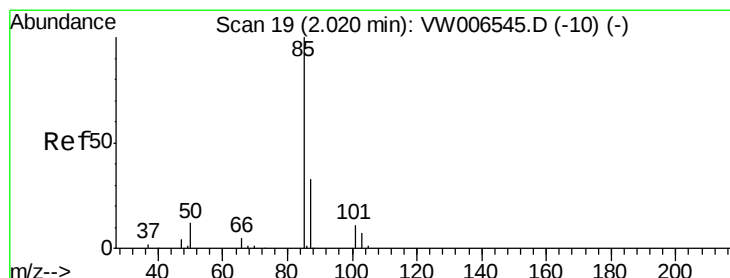
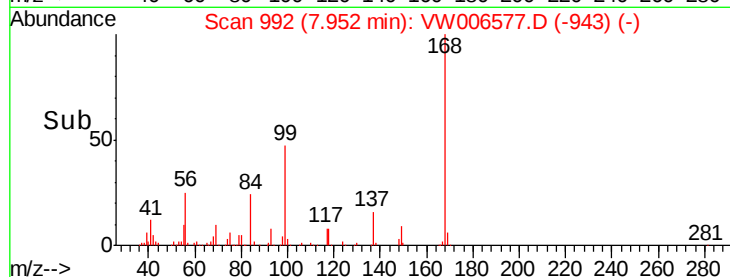
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 23.235 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006577.D

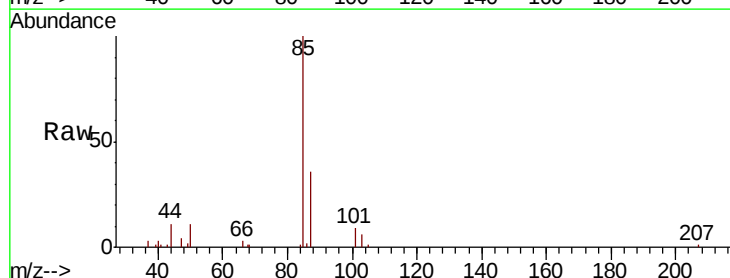
Acq: 02 Nov 2018 00:43

Tgt Ion: 85 Resp: 29160

Ion Ratio Lower Upper

85 100

87 35.6 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

4000

2000

0

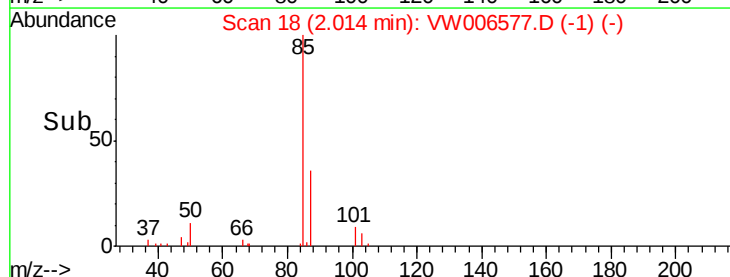
1.90

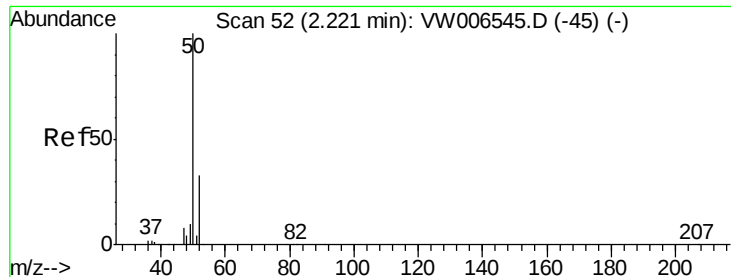
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 21.922 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion: 50 Resp: 34040

Ion Ratio Lower Upper

50 100

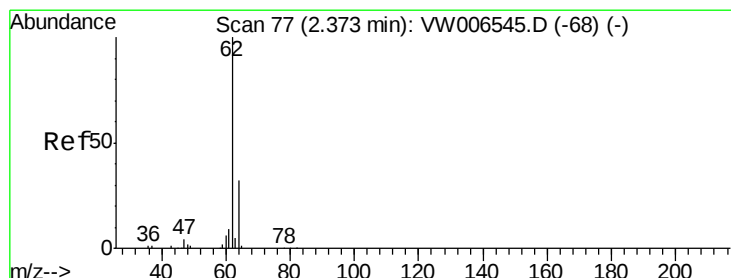
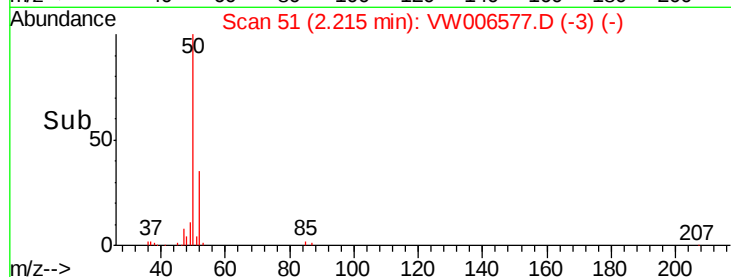
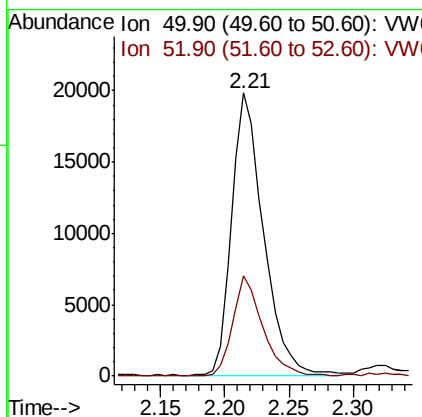
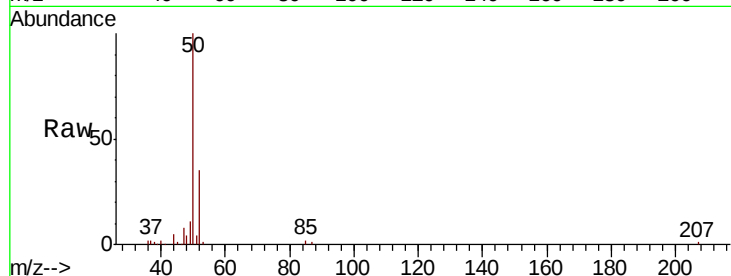
52 35.5 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.867 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006577.D

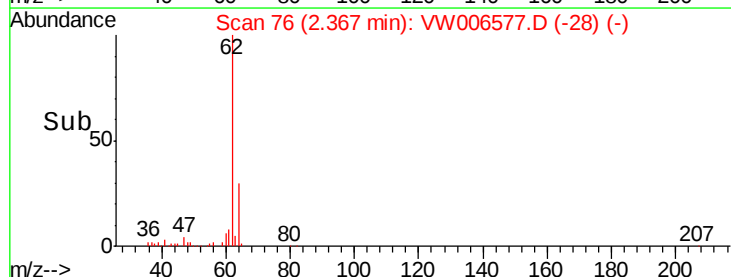
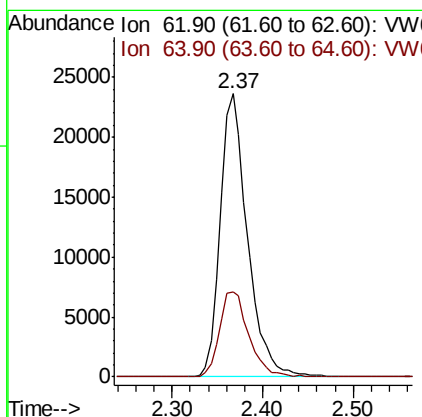
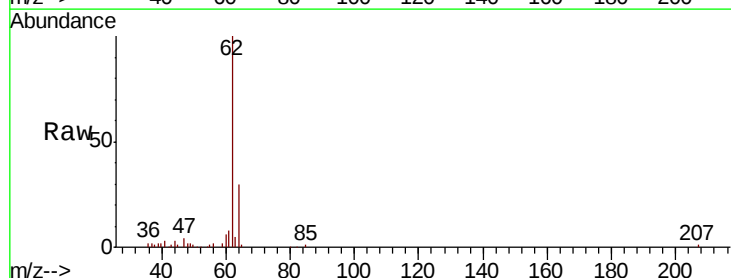
Acq: 02 Nov 2018 00:43

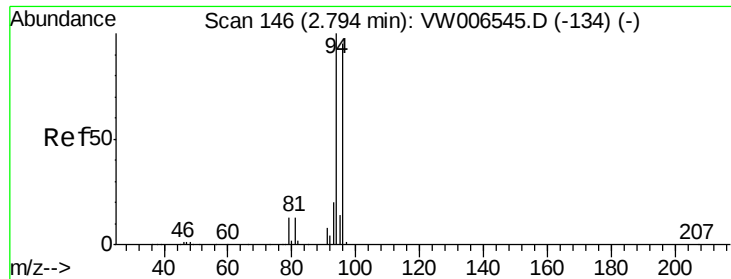
Tgt Ion: 62 Resp: 49578

Ion Ratio Lower Upper

62 100

64 30.1 25.4 38.0





#5

Bromomethane

Concen: 23.290 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.02 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion: 94 Resp: 42378

Ion Ratio Lower Upper

94 100

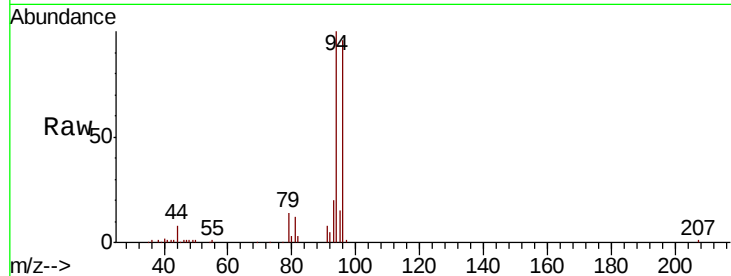
96 95.6 75.7 113.5

Manual Integrations

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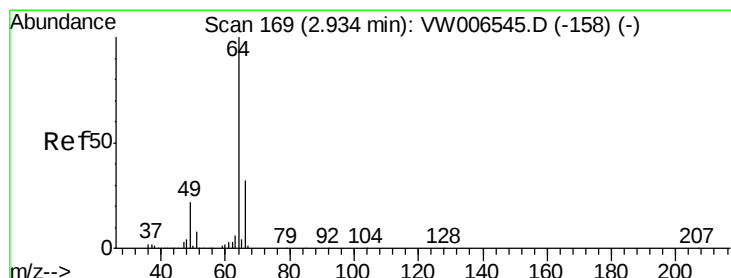
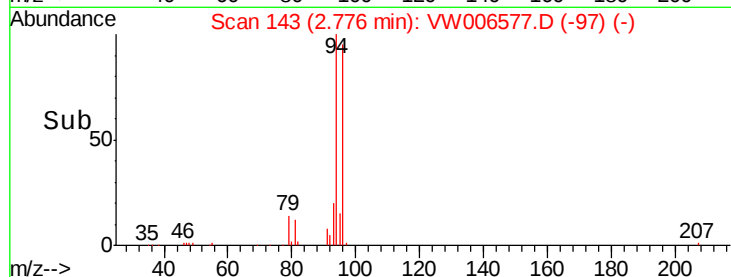
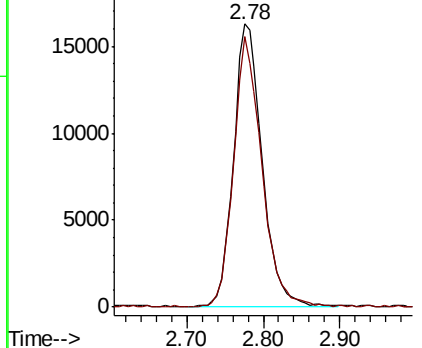
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 22.421 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006577.D

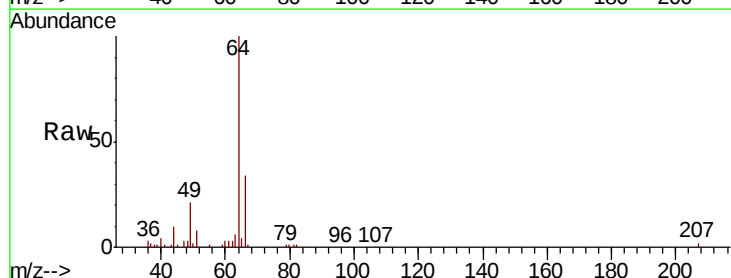
Acq: 02 Nov 2018 00:43

Tgt Ion: 64 Resp: 33965

Ion Ratio Lower Upper

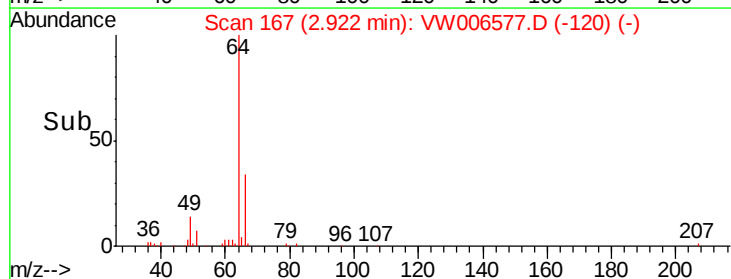
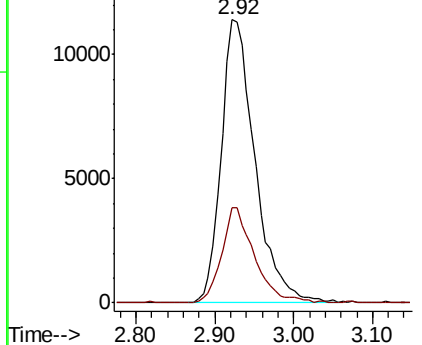
64 100

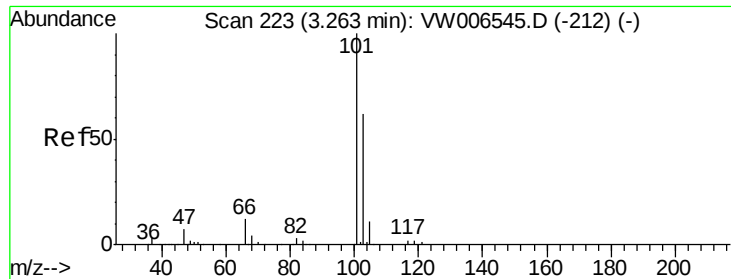
66 33.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

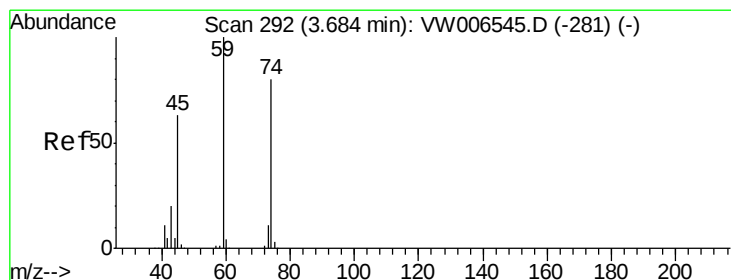
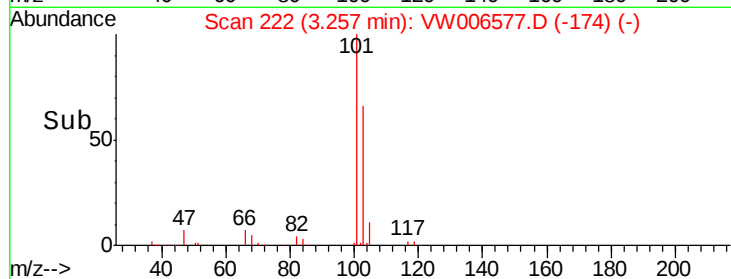
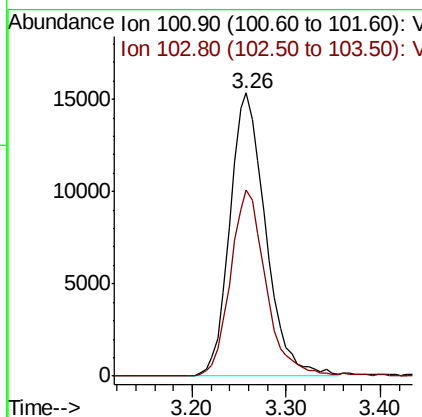
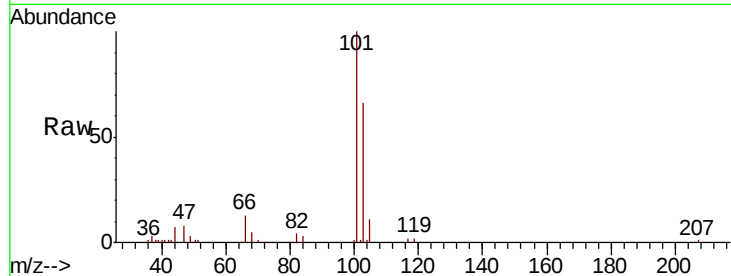
Trichlorofluoromethane
 Concen: 21.184 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006577.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	49.8	74.8

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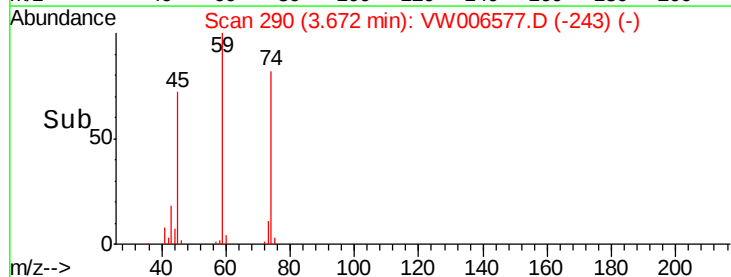
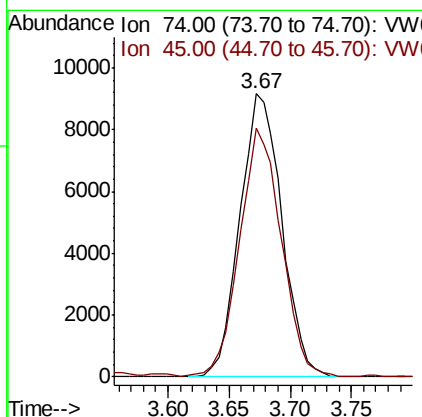
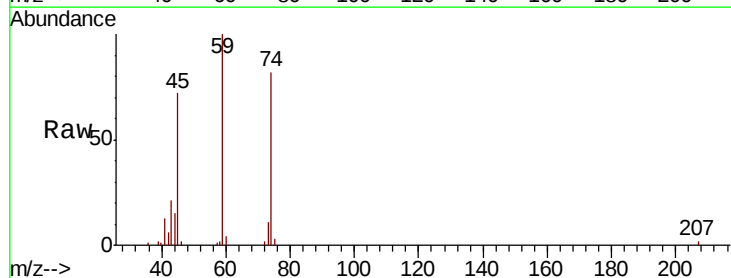
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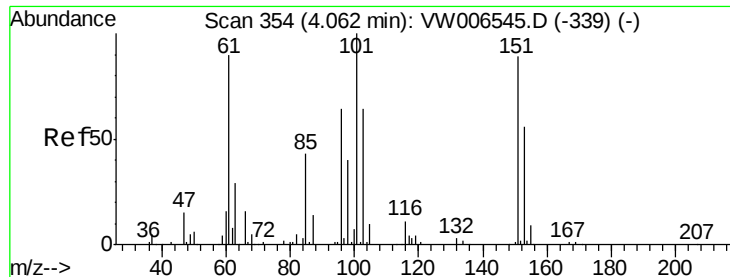


#8

Diethyl Ether
 Concen: 20.791 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.8	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.290 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

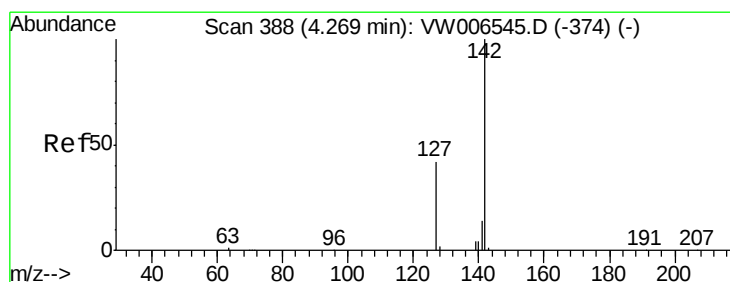
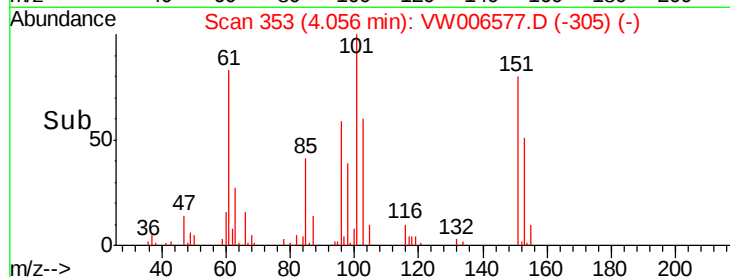
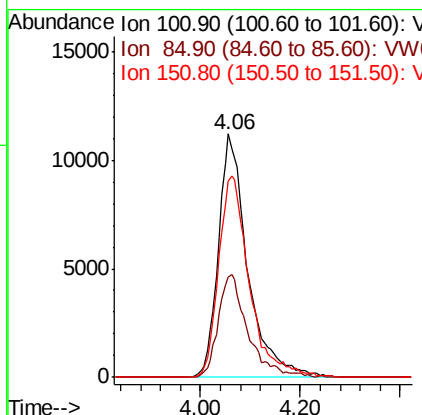
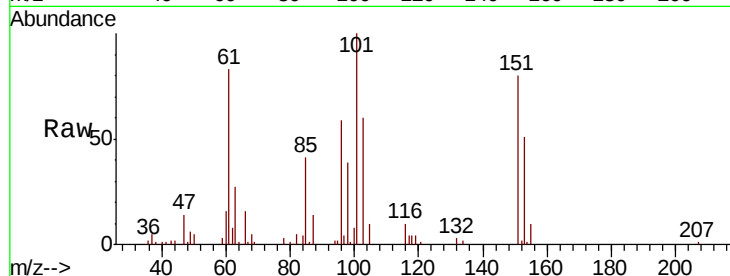
ClientSampleId :

VW110318SBS01

Tot Ion:	101	Resp:	45571
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.2	51.2
151	86.9	70.7	106.1

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#10

Methyl Iodide

Concen: 20.742 ug/l

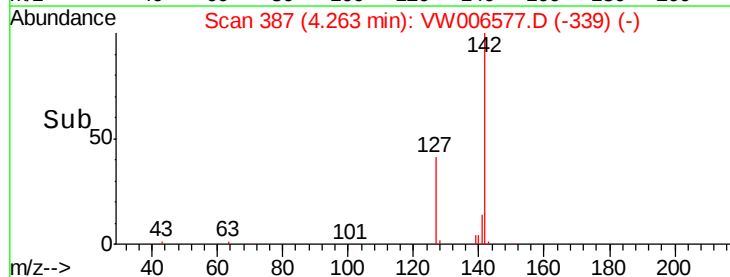
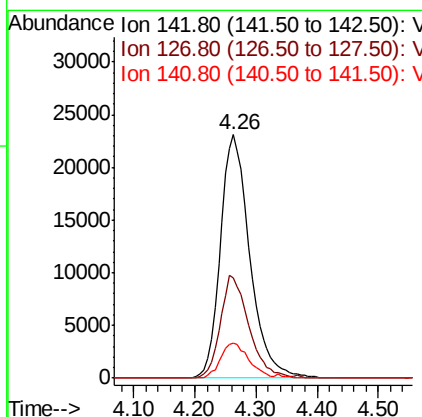
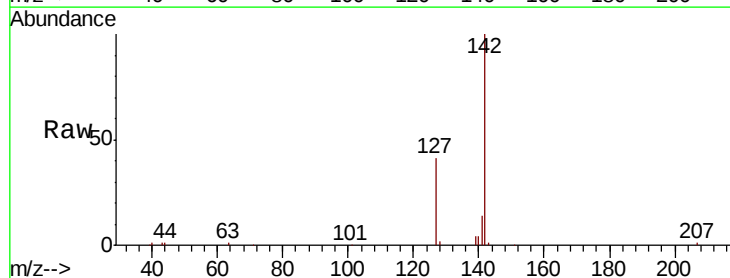
RT: 4.26 min Scan# 387

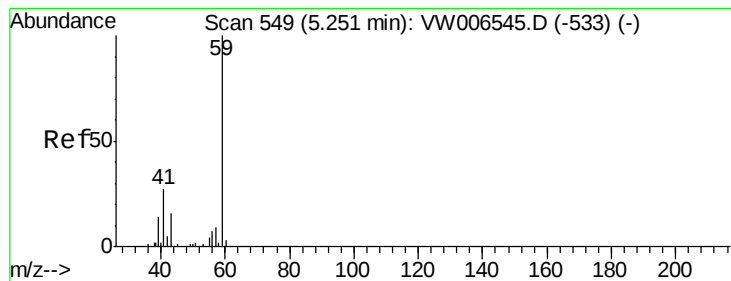
Delta R.T. -0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Tgt Ion:	142	Resp:	76890
Ion Ratio	Lower	Upper	
142	100		
127	41.1	32.3	48.5
141	13.9	11.3	16.9





#11

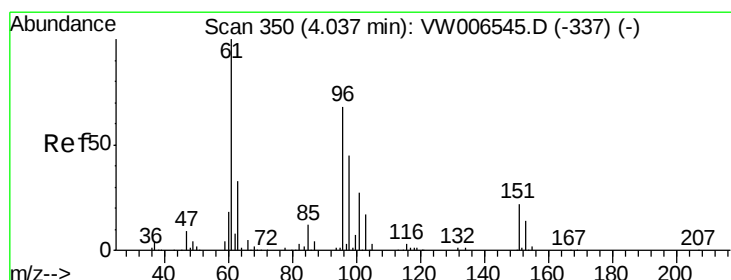
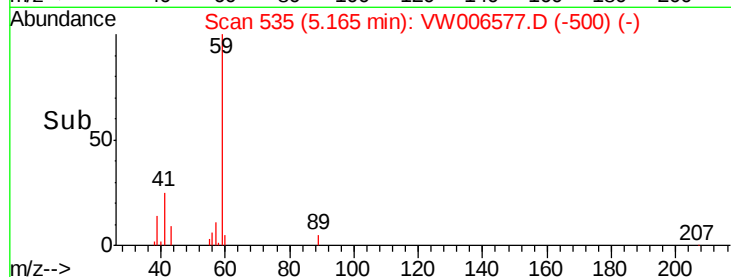
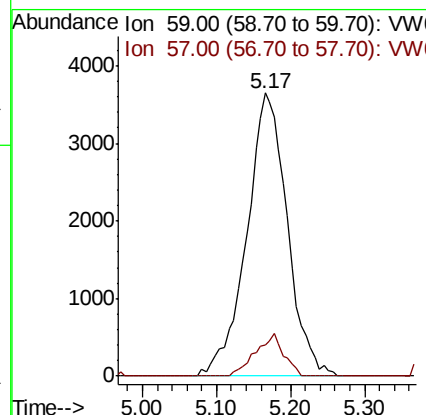
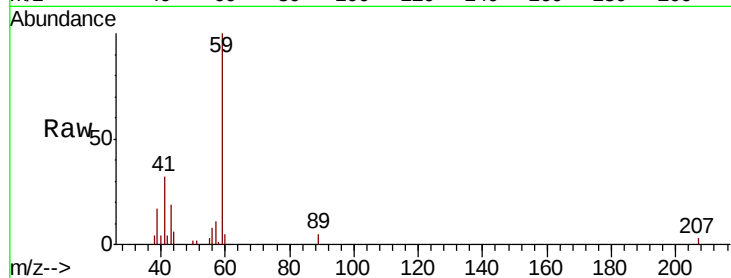
Tert butyl alcohol
Concen: 123.964 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.09 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	59	57	Ratio	100	10.5	Resp	13899	Lower	4.3	Upper	6.5#
Ion	59	57	Ratio	100	10.5	Resp	13899	Lower	4.3	Upper	6.5#

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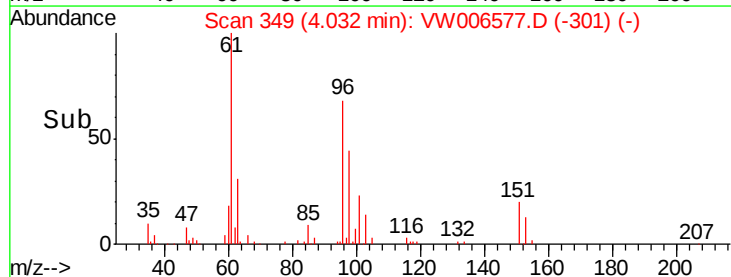
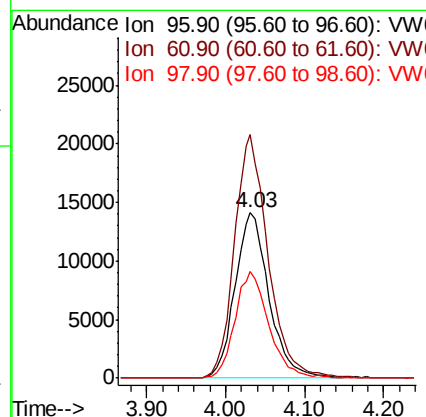
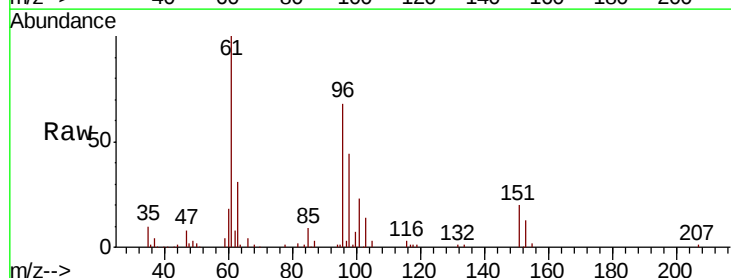
apatel
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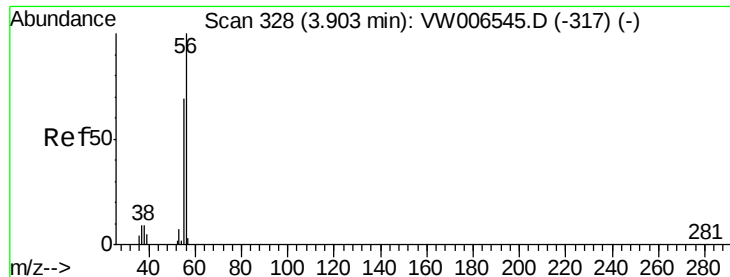


#12

1,1-Dichloroethene
Concen: 21.368 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	96	61	98	Ratio	100	147.4	64.5	Resp	42194	Lower	117.0	52.5	Upper	175.4	78.7
Ion	96	61	98	Ratio	100	147.4	64.5	Resp	42194	Lower	117.0	52.5	Upper	175.4	78.7





#13

Acrolein

Concen: 107.149 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.02 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion: 56 Resp: 15110

Ion Ratio Lower Upper

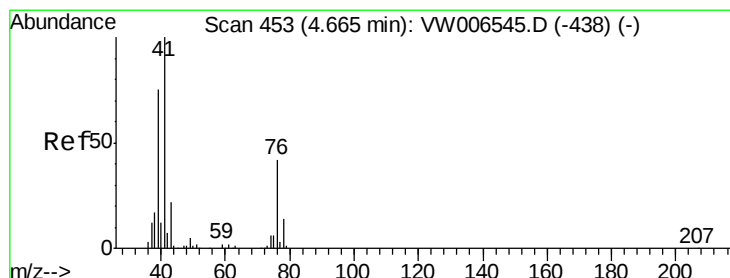
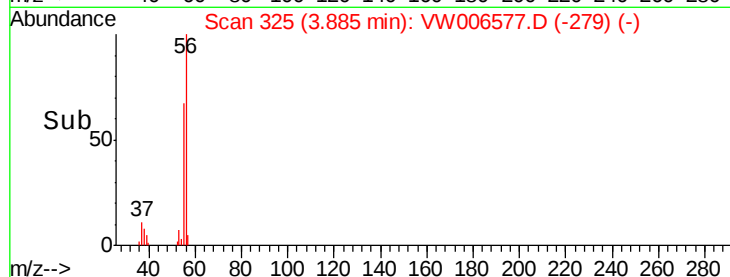
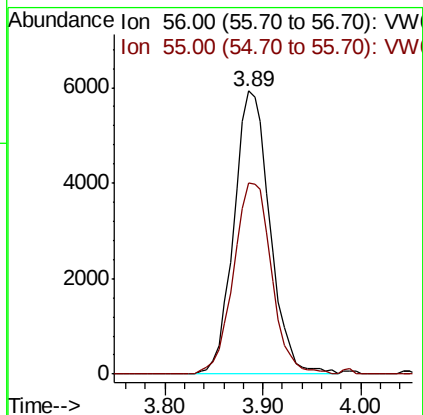
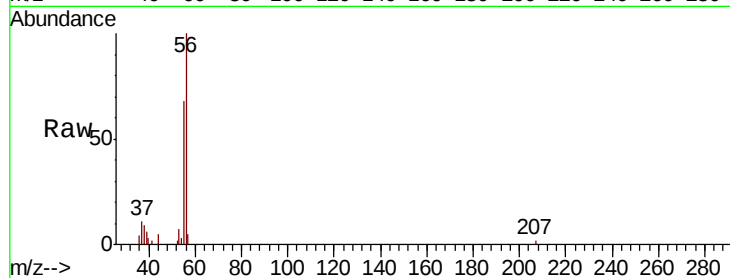
56 100

55 71.4 56.9 85.3

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#14

Allyl chloride

Concen: 20.908 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

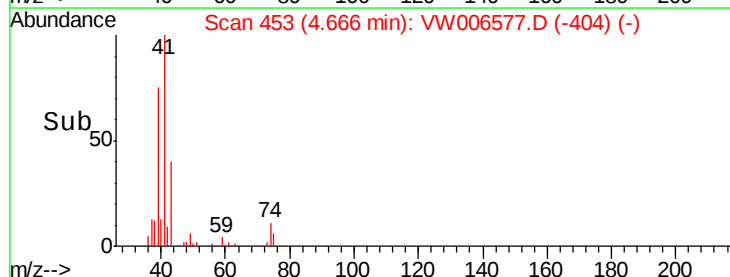
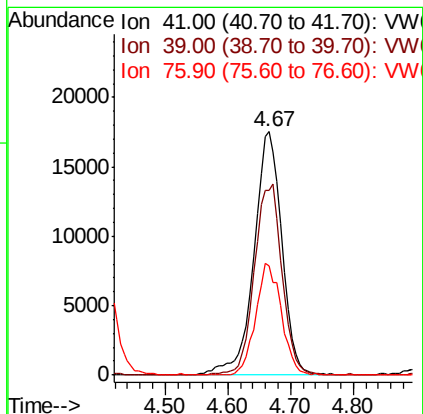
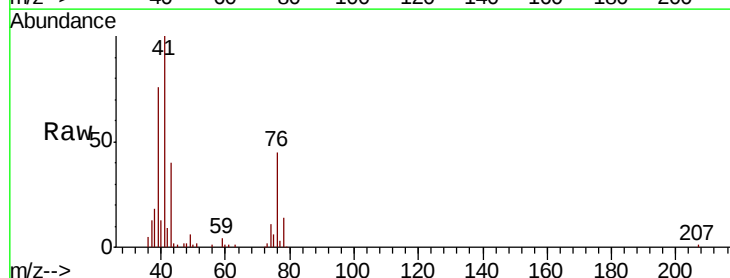
Tgt Ion: 41 Resp: 53891

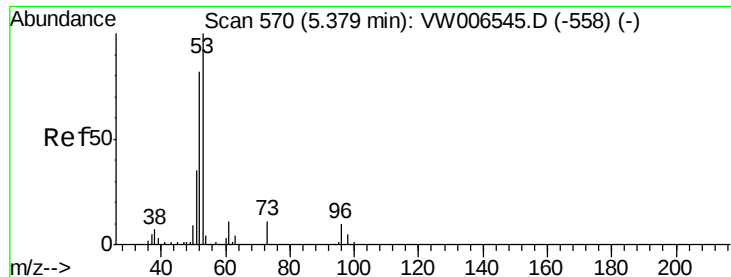
Ion Ratio Lower Upper

41 100

39 78.0 62.1 93.1

76 42.1 34.2 51.2





#15

Acrylonitrile

Concen: 114.196 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

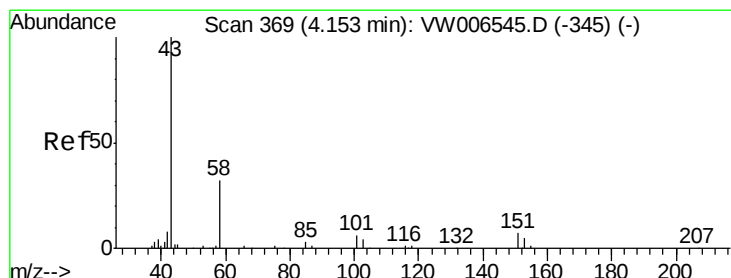
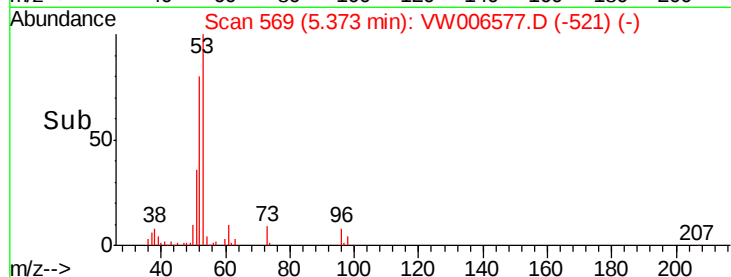
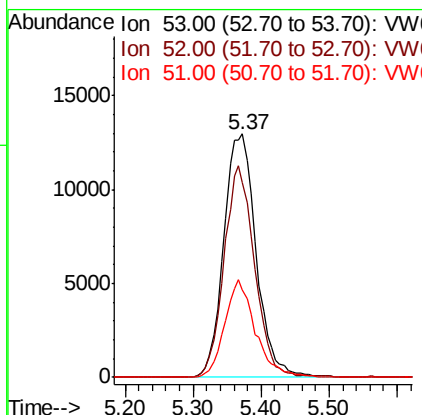
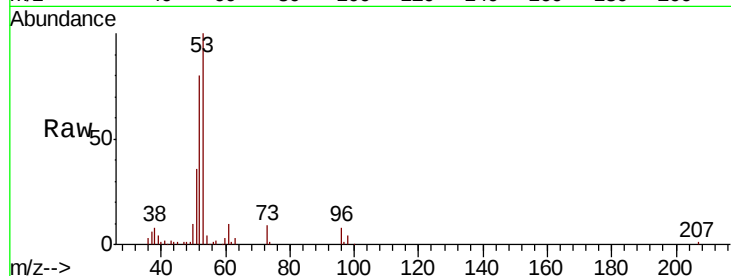
ClientSampleId :

VW110318SBS01

Tot Ion:	53	Resp:	42854
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.8	98.8
51	38.0	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 117.358 ug/l

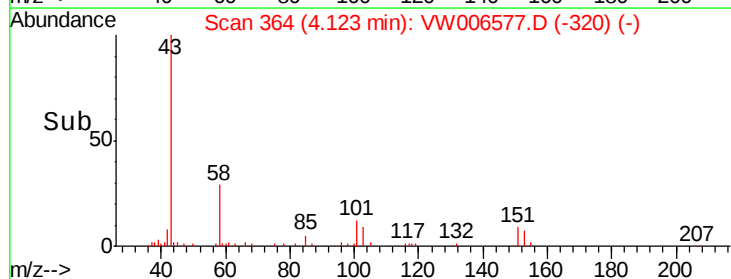
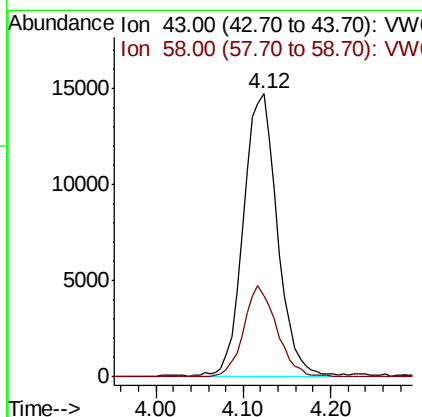
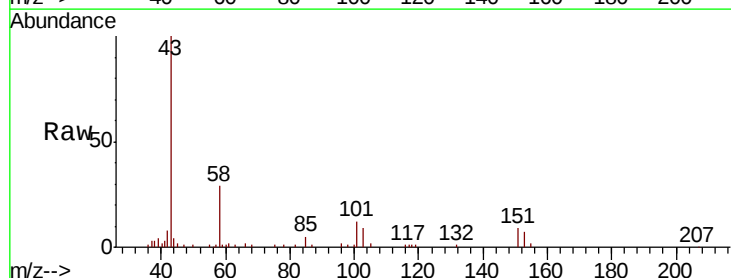
RT: 4.12 min Scan# 364

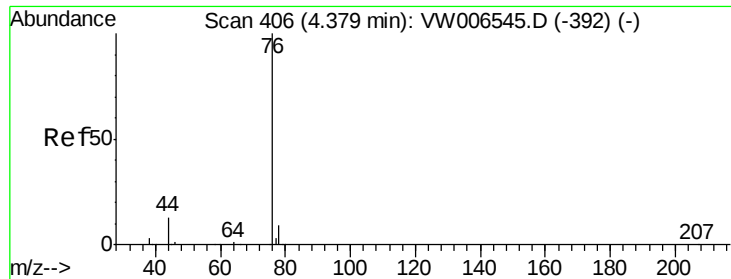
Delta R.T. -0.03 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Tgt Ion:	43	Resp:	39429
Ion	Ratio	Lower	Upper
43	100		
58	28.9	25.8	38.8





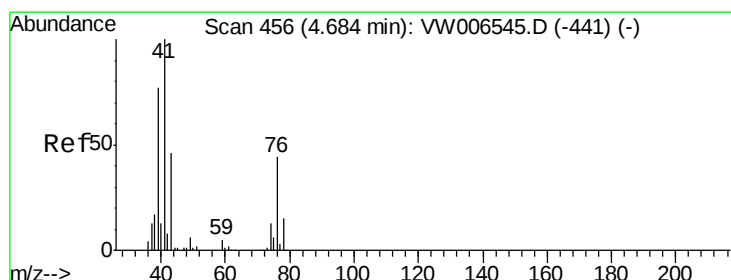
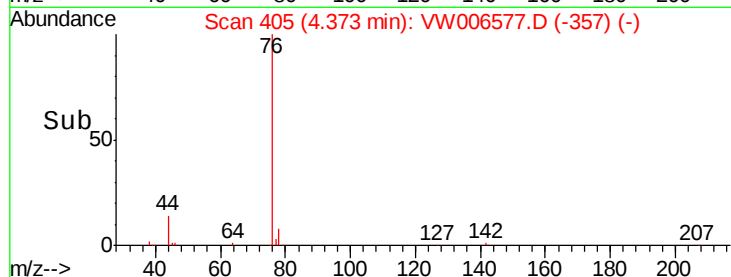
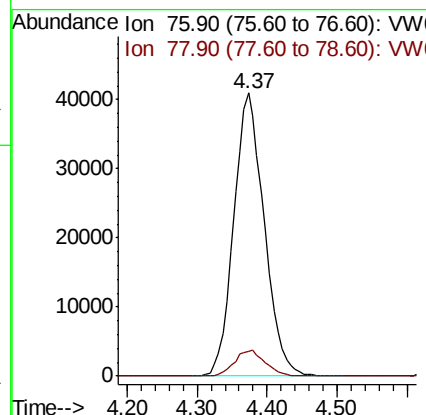
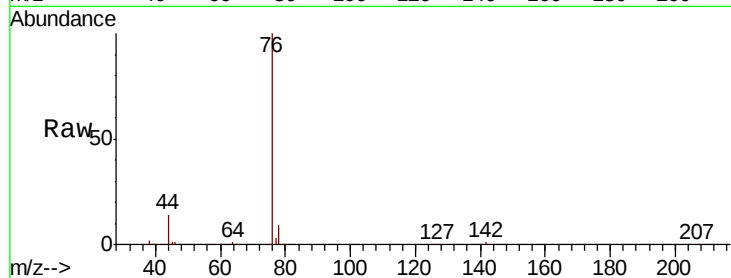
#17
Carbon Disulfide
Concen: 22.008 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

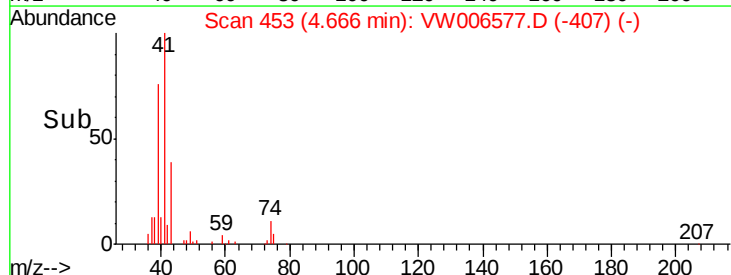
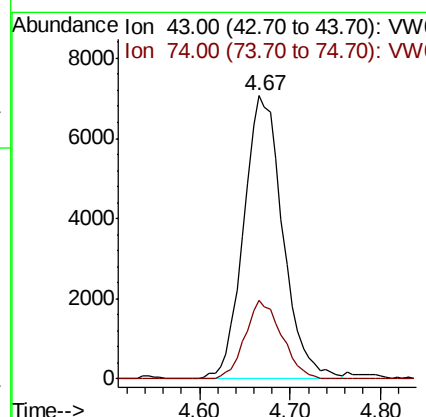
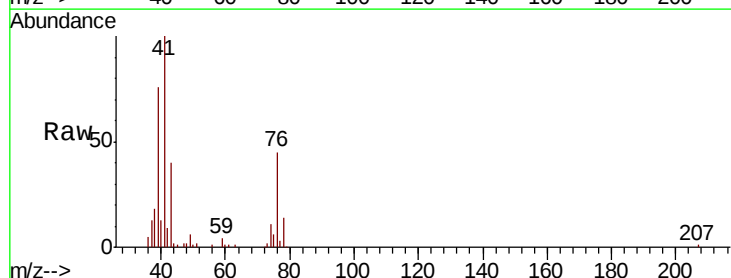
Manual Integrations
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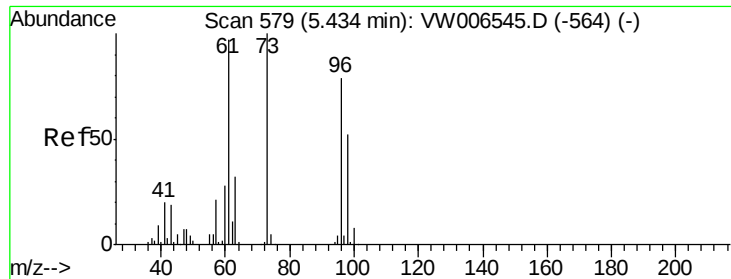
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#18
Methyl Acetate
Concen: 21.929 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.02 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	21.9	32.9





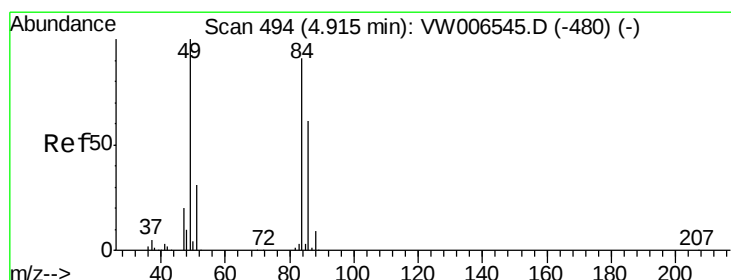
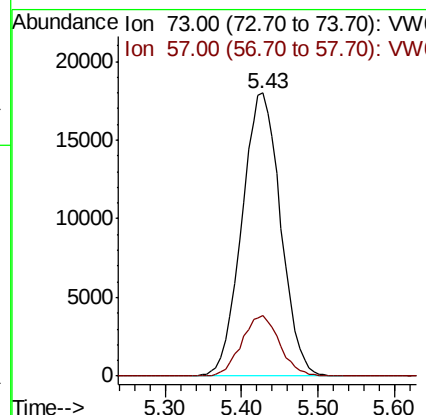
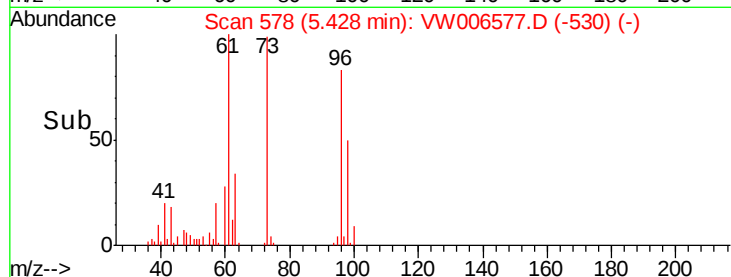
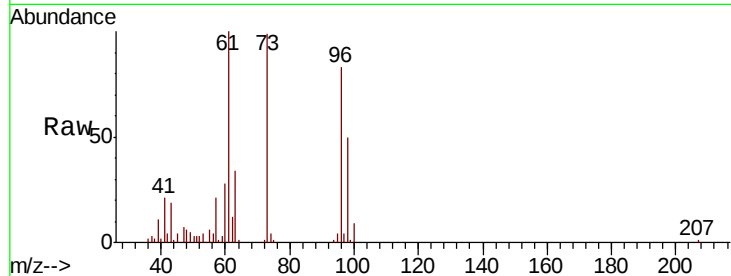
#19
Methyl tert-butyl Ether
Concen: 21.527 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion: 73 Resp: 63274
Ion Ratio Lower Upper
73 100
57 21.3 16.7 25.1

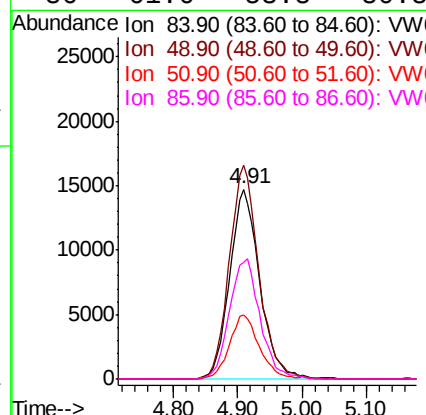
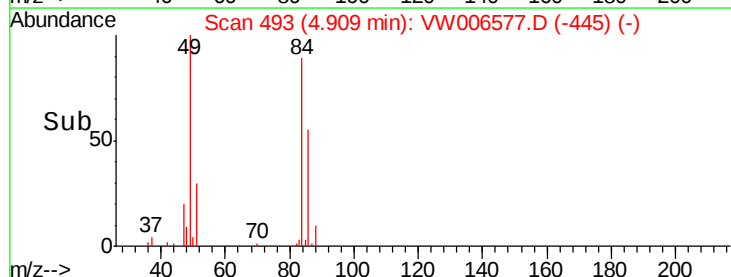
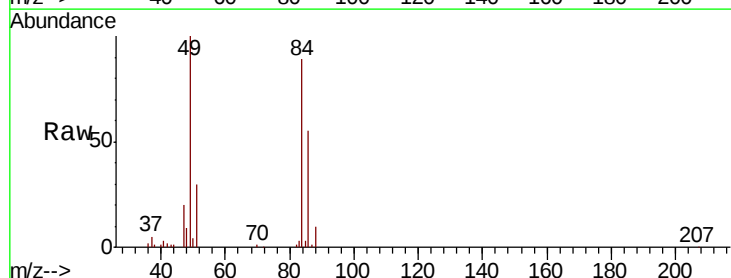
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#20
Methylene Chloride
Concen: 18.260 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion: 84 Resp: 48013
Ion Ratio Lower Upper
84 100
49 112.5 88.2 132.4
51 33.6 27.0 40.6
86 61.6 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 21.468 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

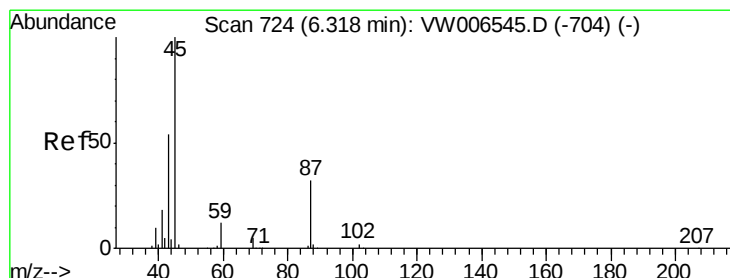
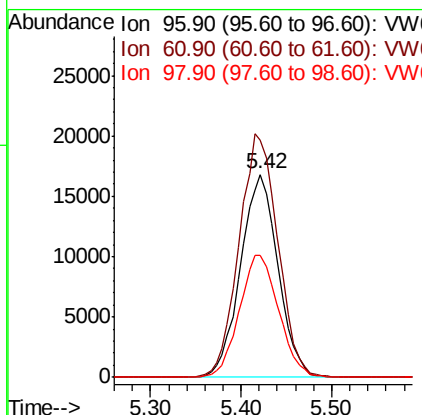
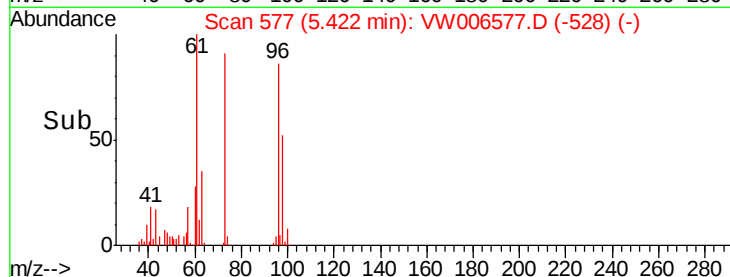
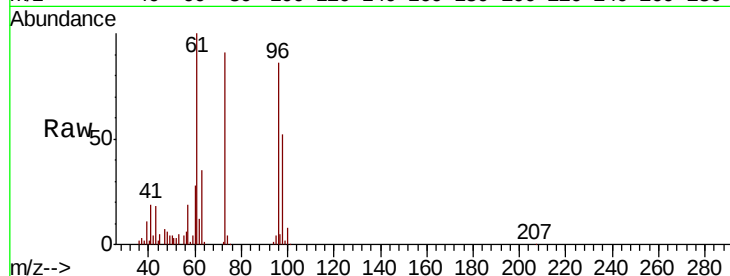
ClientSampleId :

VW110318SBS01

Tot Ion:	96	Resp:	47968
Ion	Ratio	Lower	Upper
96	100		
61	116.8	100.6	150.8
98	60.5	52.9	79.3

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#22

Diisopropyl ether

Concen: 22.205 ug/l

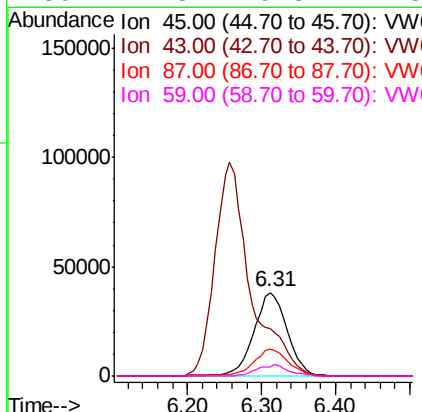
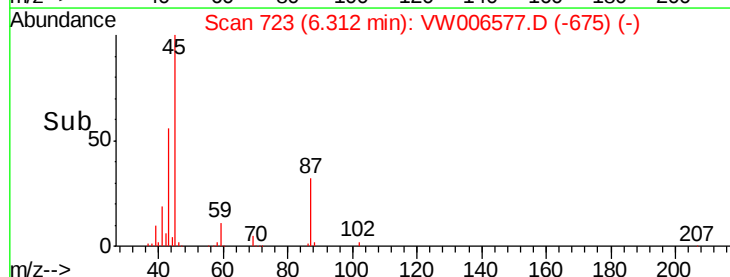
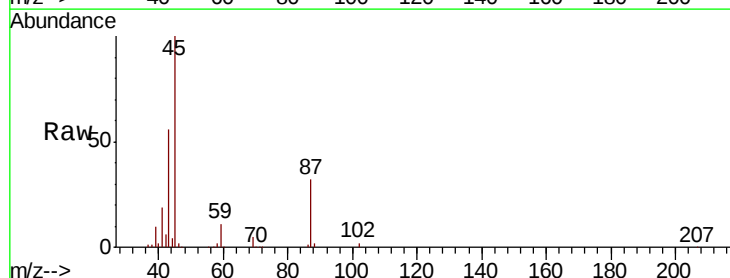
RT: 6.31 min Scan# 723

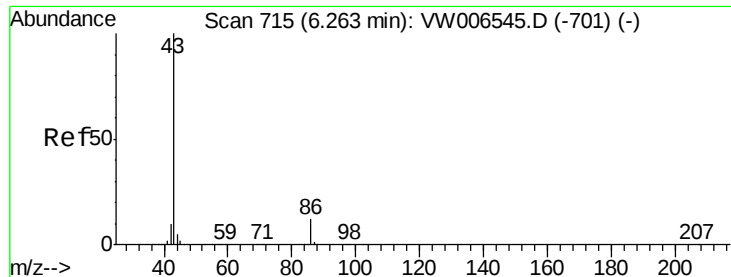
Delta R.T. -0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Tgt Ion:	45	Resp:	119320
Ion	Ratio	Lower	Upper
45	100		
43	55.8	43.6	65.4
87	31.7	26.3	39.5
59	11.3	9.8	14.8





#23

Vinyl Acetate

Concen: 109.369 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion: 43 Resp: 325910

Ion Ratio Lower Upper

43 100

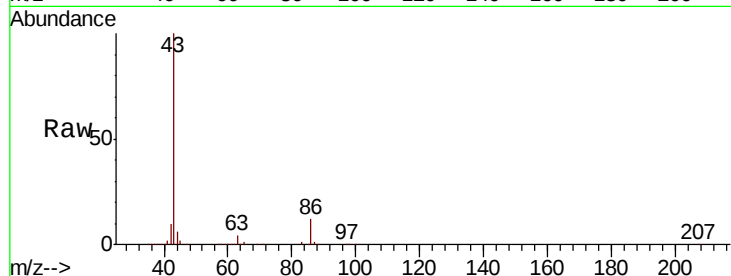
86 11.5 9.8 14.8

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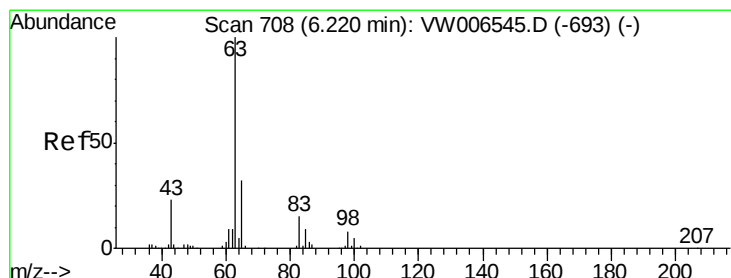
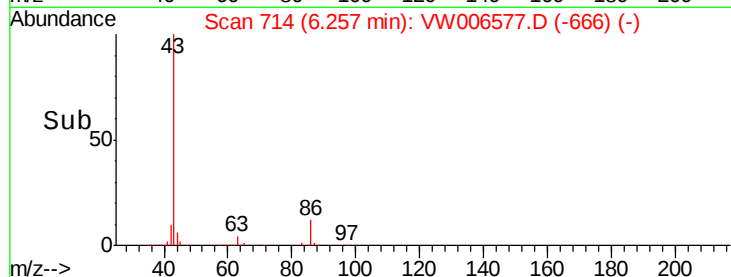
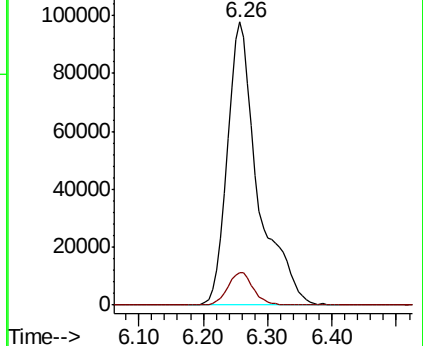
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.820 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

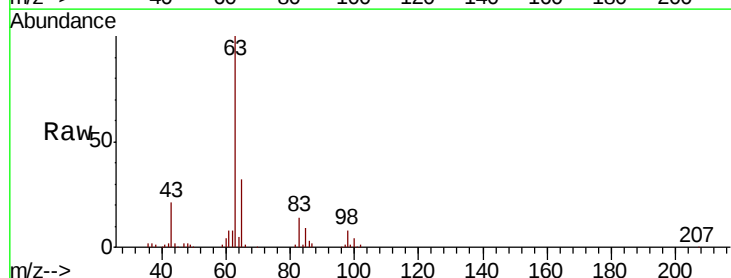
Tgt Ion: 63 Resp: 79466

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

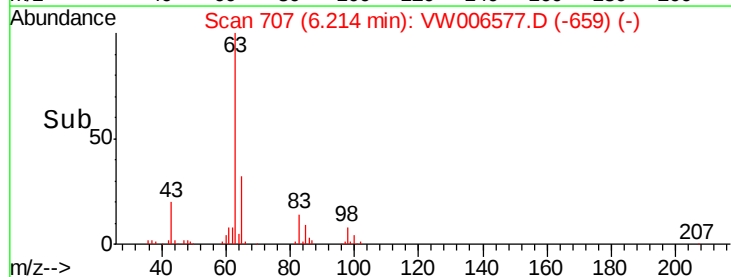
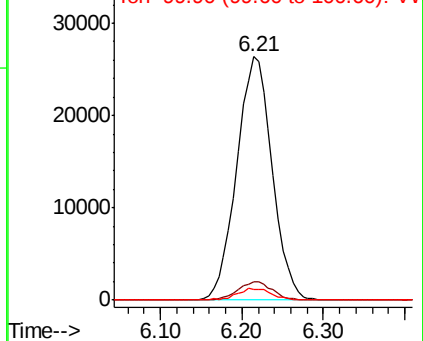
100 4.4 2.4 7.2

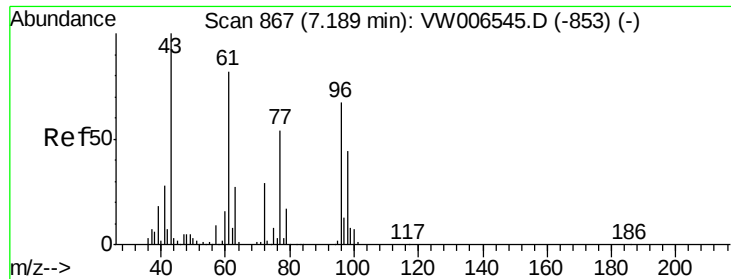


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 116.812 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.02 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion: 43 Resp: 56002

Ion Ratio Lower Upper

43 100

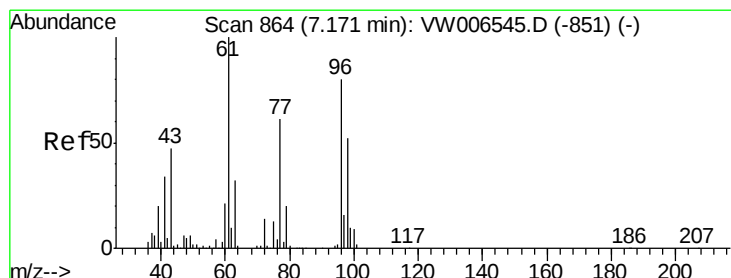
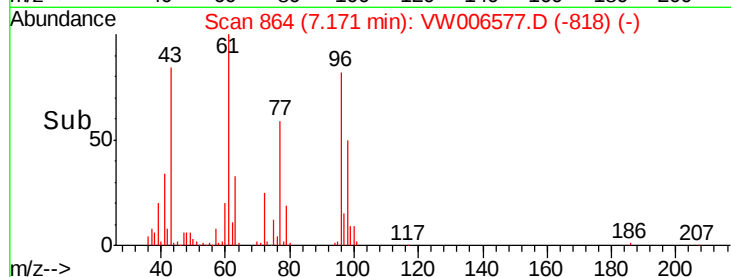
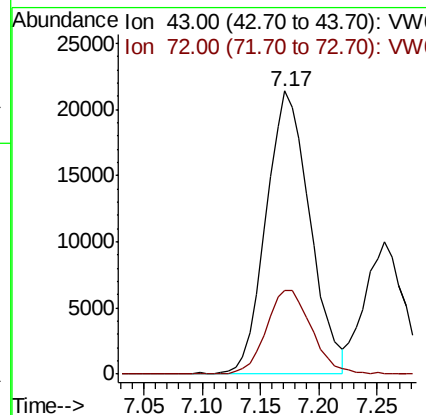
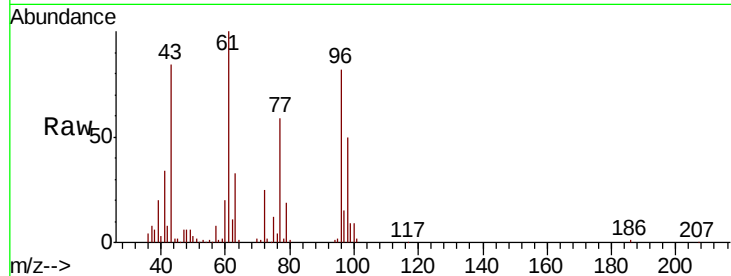
72 29.5 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 20.393 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006577.D

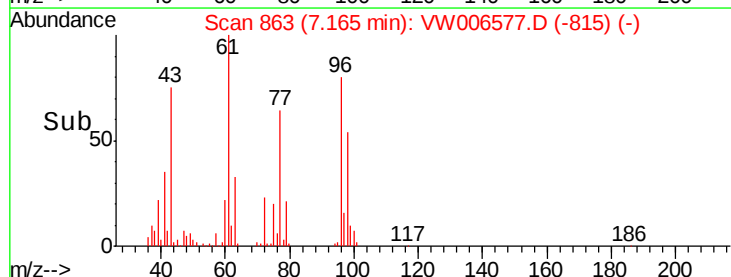
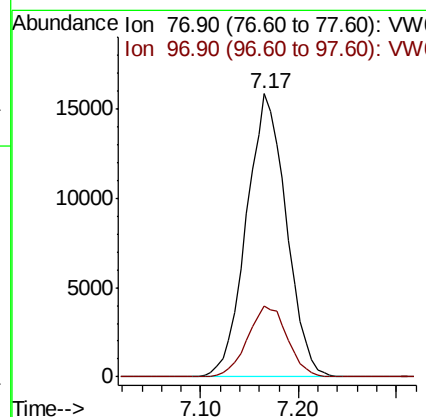
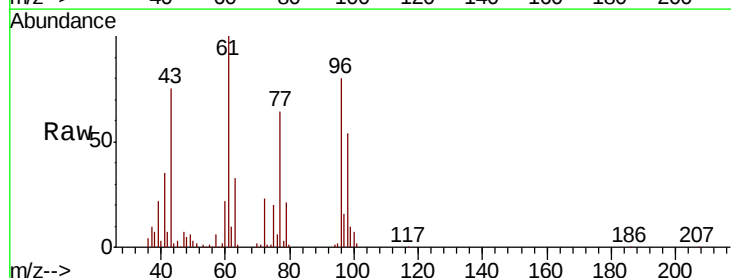
Acq: 02 Nov 2018 00:43

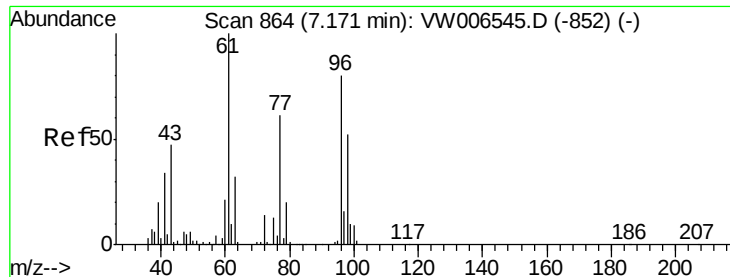
Tgt Ion: 77 Resp: 44739

Ion Ratio Lower Upper

77 100

97 25.0 12.8 38.4





#27

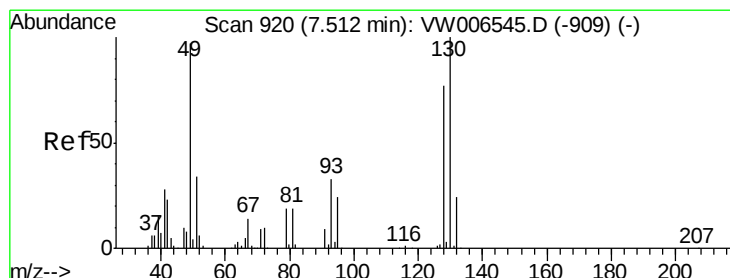
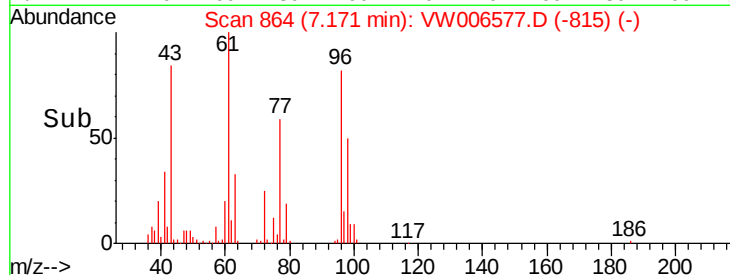
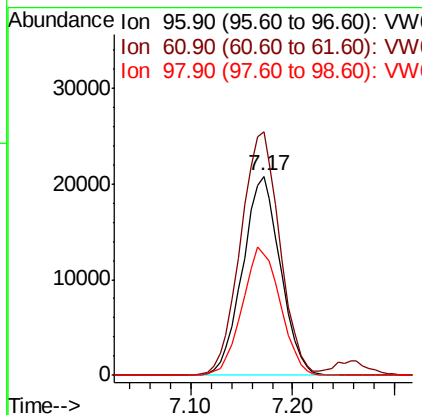
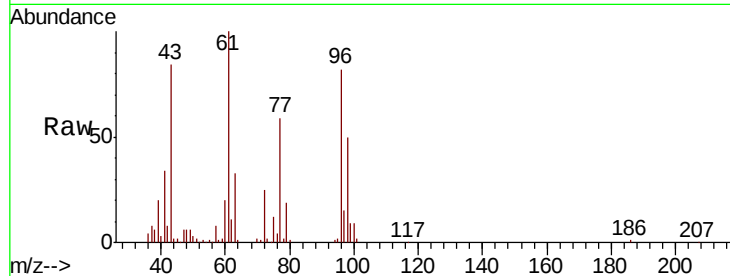
cis-1,2-Dichloroethene
Concen: 21.407 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	254.2
98	64.7	0.0	129.6

Manual Integrations
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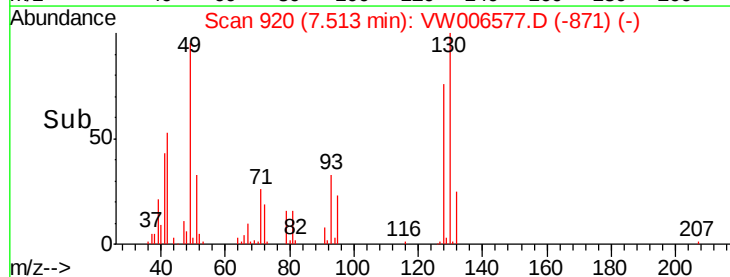
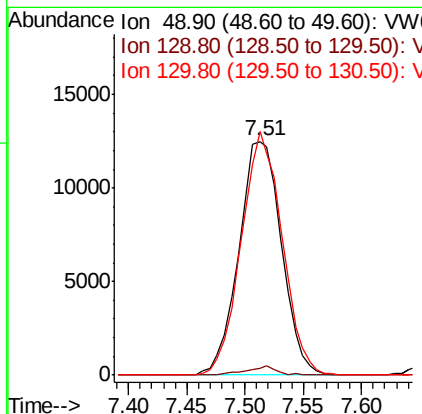
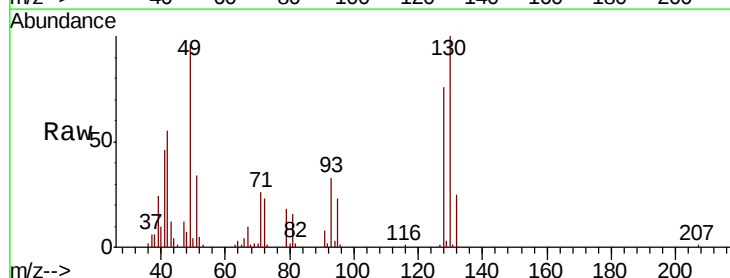
apatel
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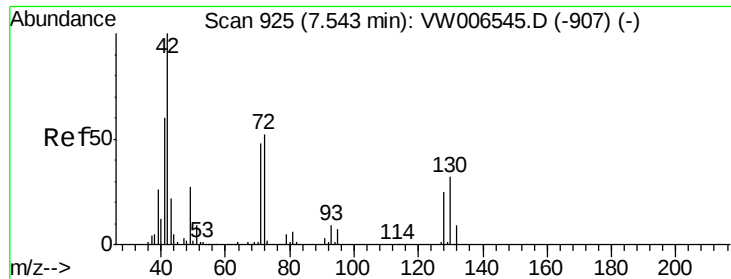


#28

Bromochloromethane
Concen: 21.993 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	99.9	82.2	123.2





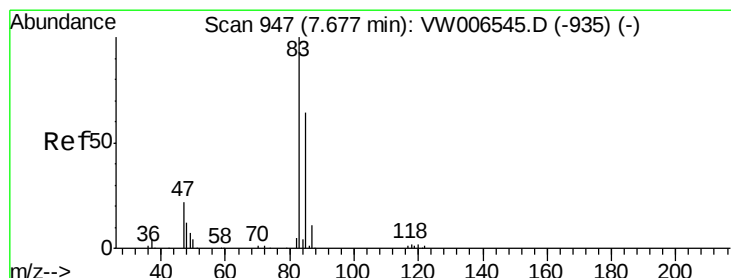
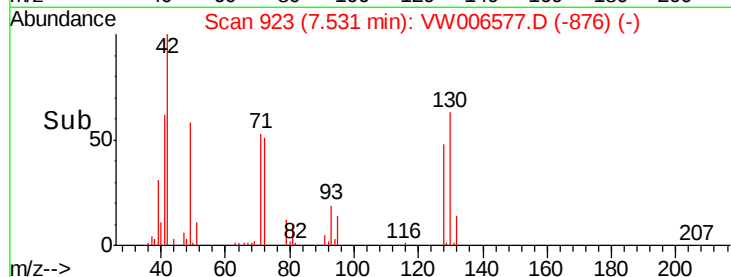
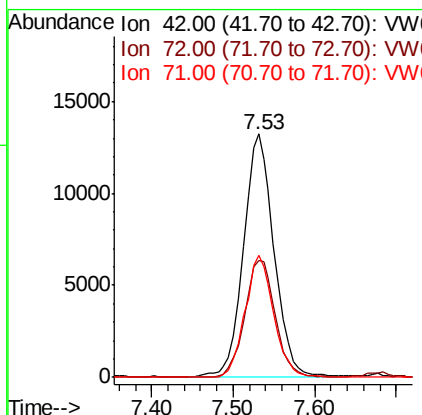
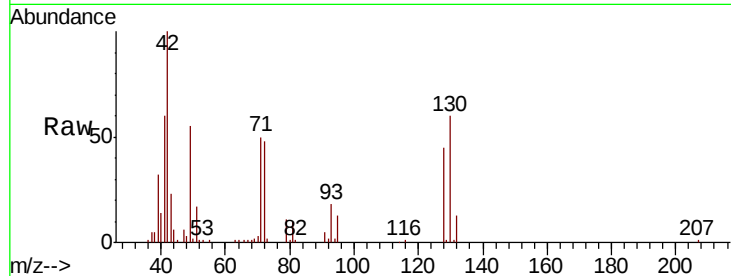
#29
Tetrahydrofuran
Concen: 114.335 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.4	39.2	58.8
71	46.8	37.6	56.4

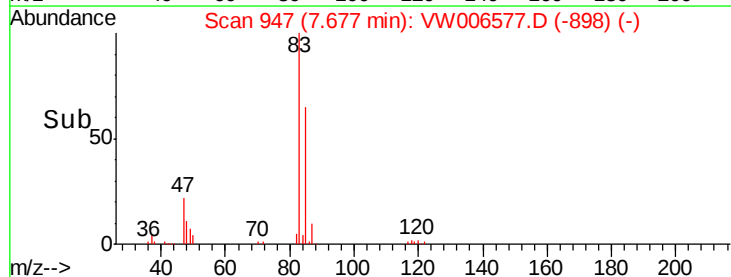
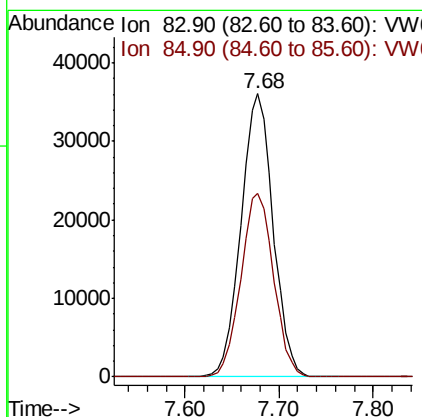
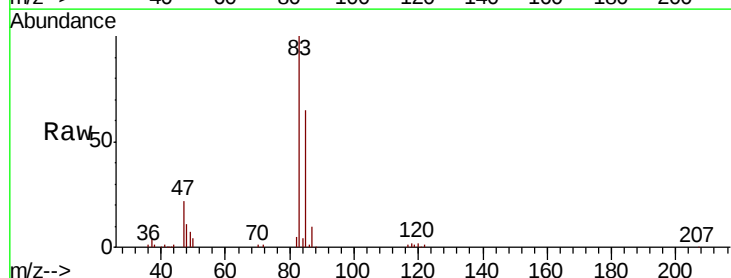
Manual Integrations
APPROVED

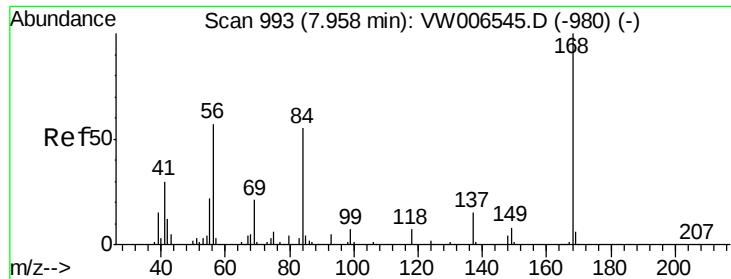
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#30
Chloroform
Concen: 21.536 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.3	76.9





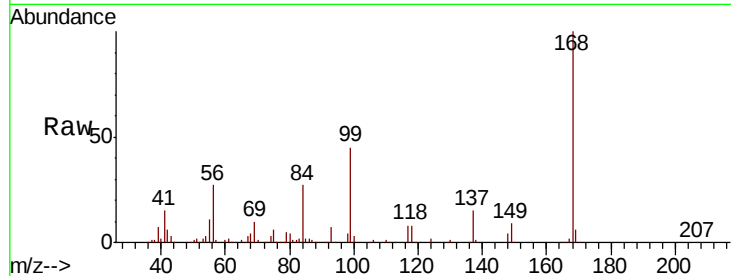
#31
Cyclohexane
Concen: 21.023 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.9	29.0	43.4
84	99.5	77.8	116.6

Manual Integrations
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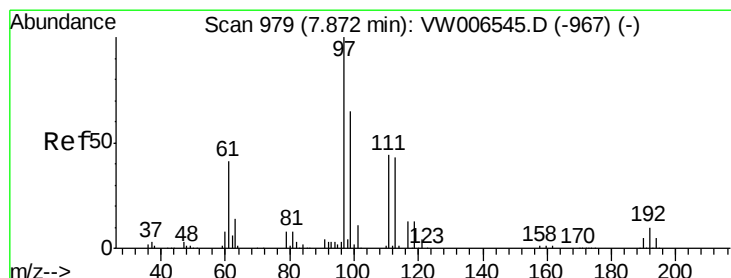
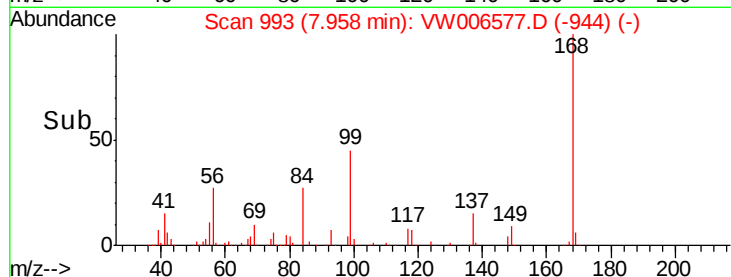
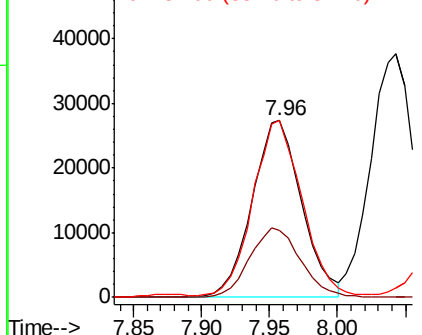


Abundance

Ion 56.00 (55.70 to 56.70): VW

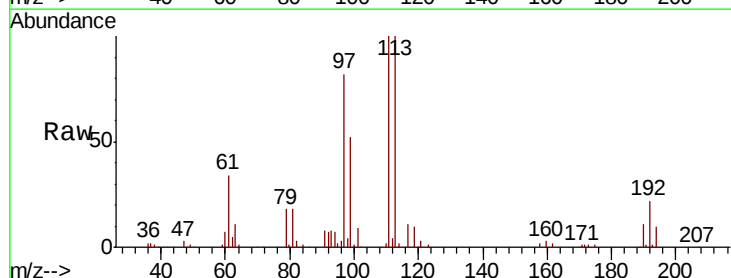
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 21.673 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.7	77.5
61	42.3	32.9	49.3

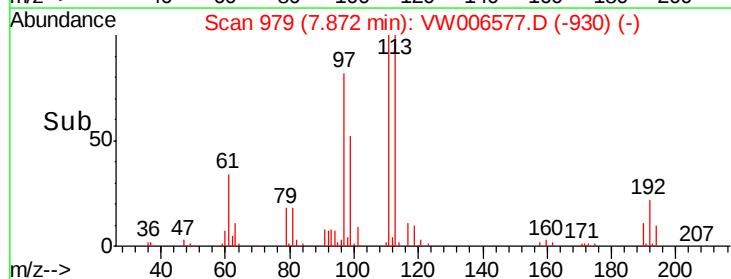
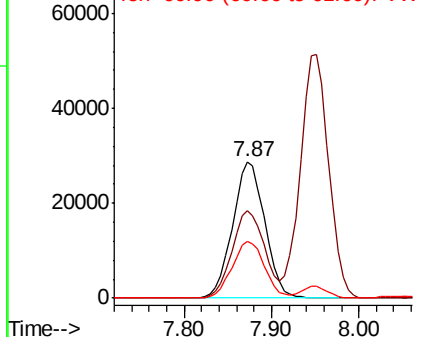


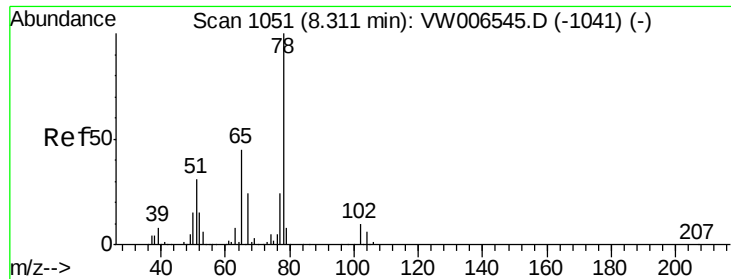
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 53.781 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion: 65 Resp: 111917

Ion Ratio Lower Upper

65 100

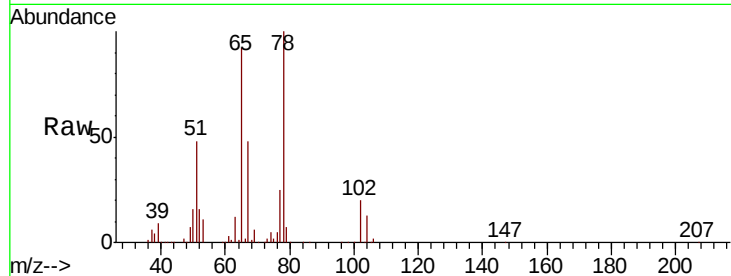
67 53.0 0.0 104.4

Manual Integrations

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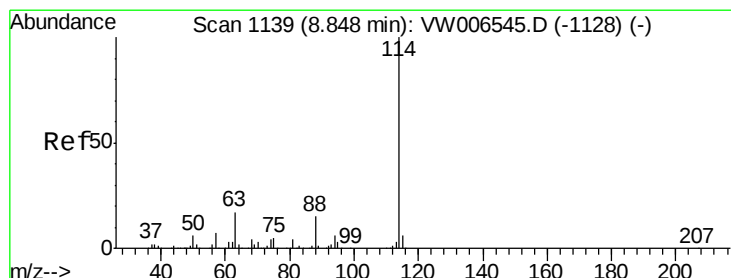
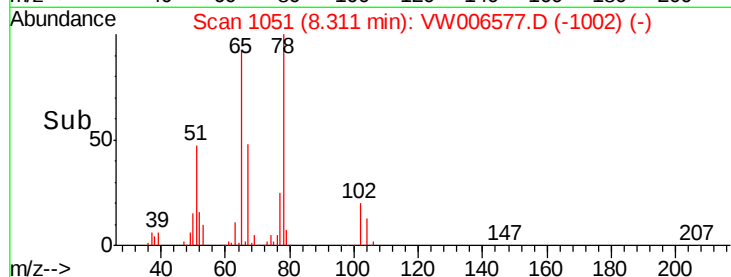
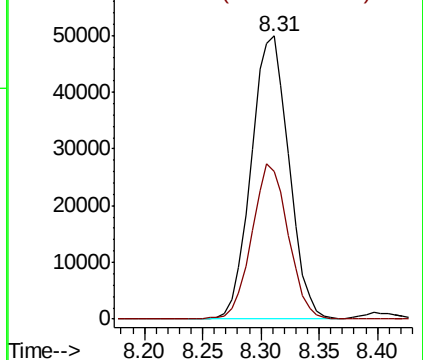
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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

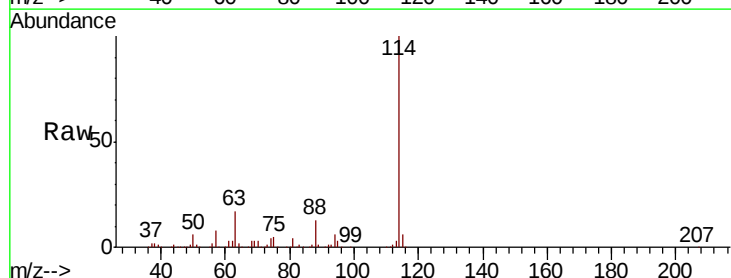
Tgt Ion: 114 Resp: 356541

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.4

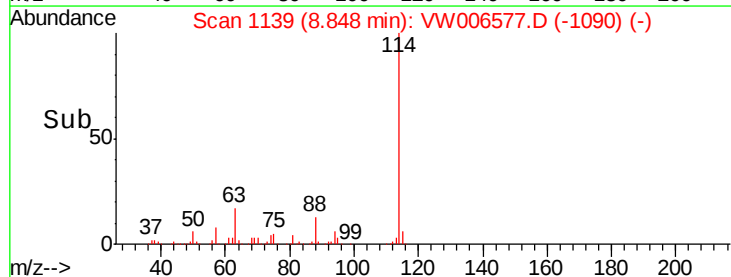
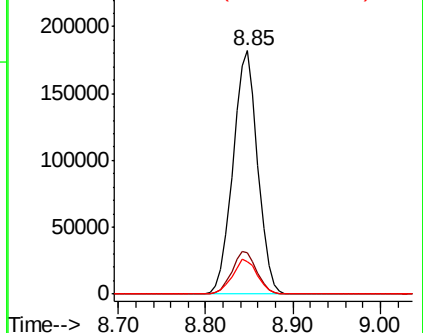
88 13.3 0.0 29.0

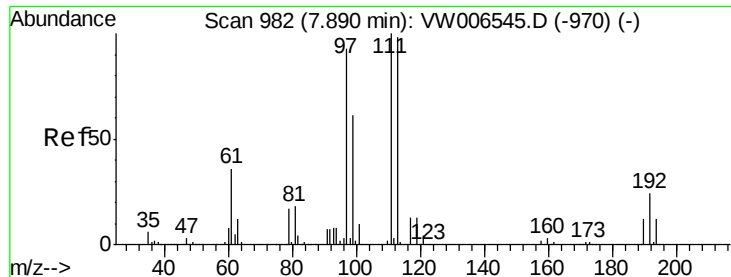


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





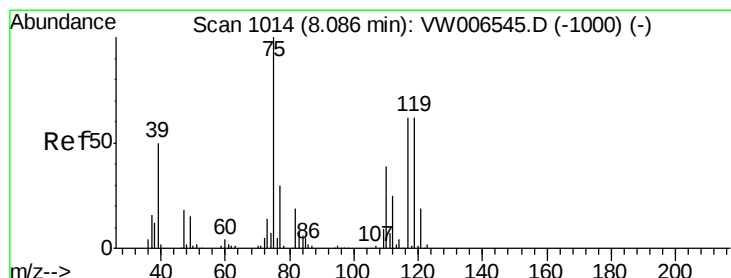
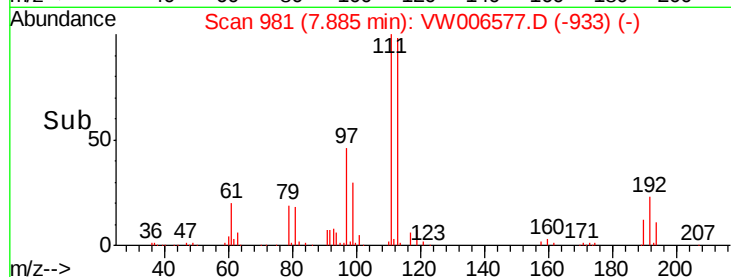
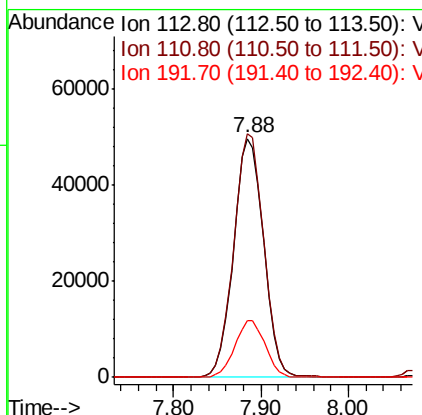
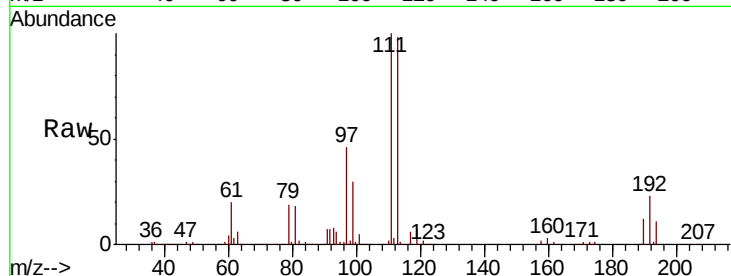
#35
 Dibromofluoromethane
 Concen: 52.769 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.1	82.2	123.2	
192	23.9	19.0	28.6	

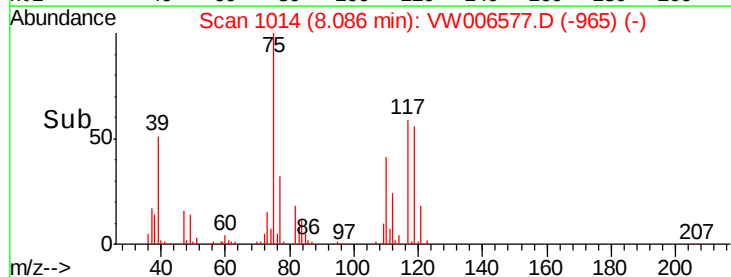
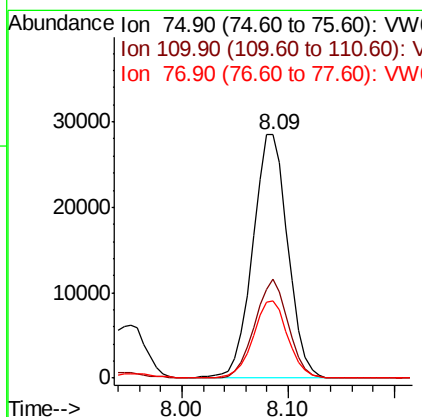
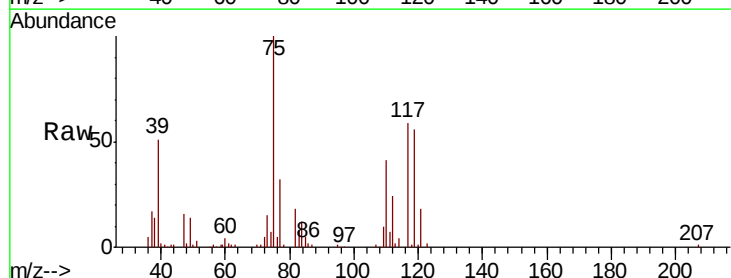
Manual Integrations
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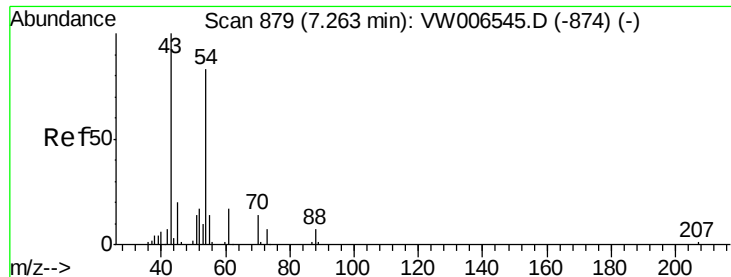
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#36
 1,1-Dichloropropene
 Concen: 21.036 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.4	19.5	58.5	
77	31.5	24.6	37.0	





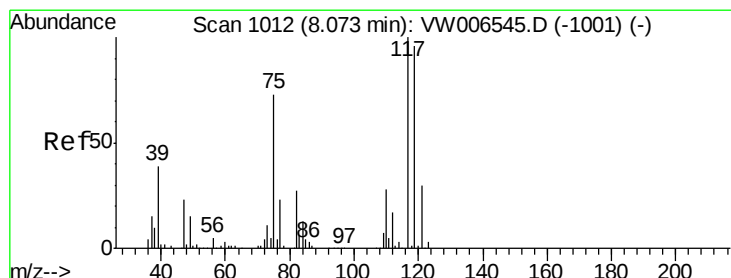
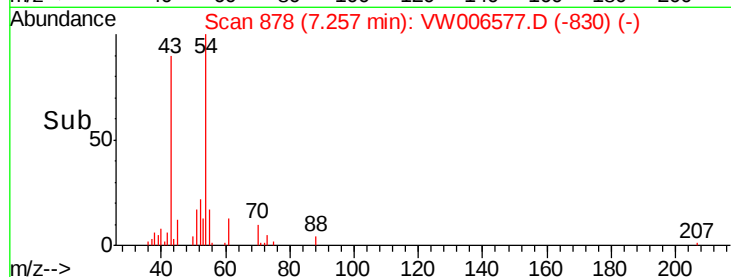
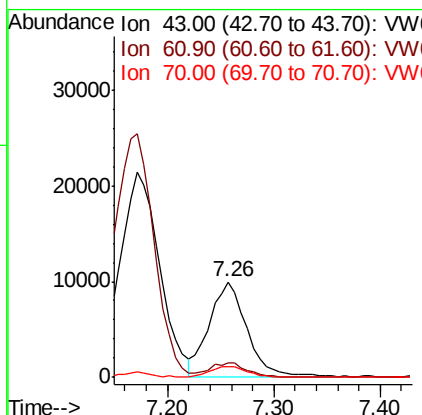
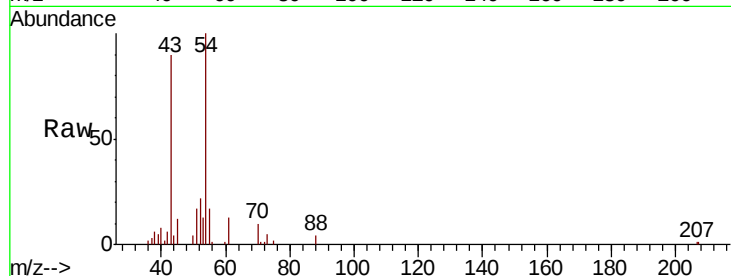
#37
Ethyl Acetate
Concen: 22.370 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.1	18.1
70	11.2	9.8	14.6

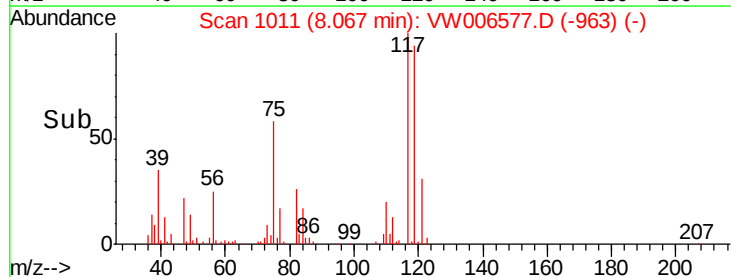
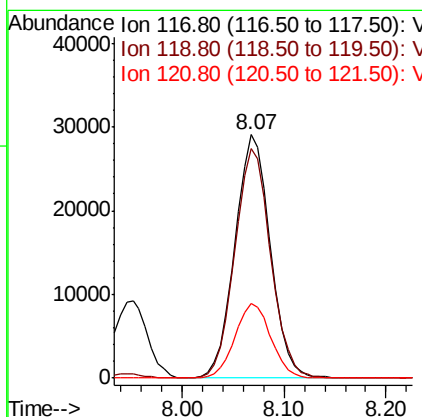
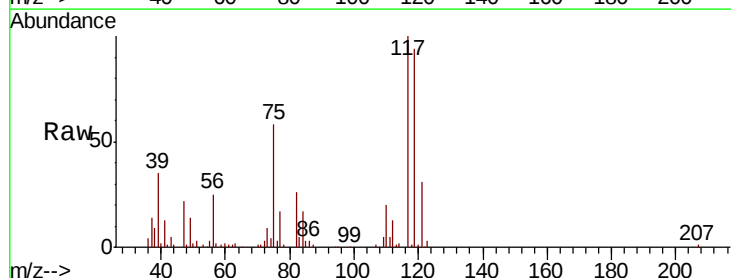
Manual Integrations
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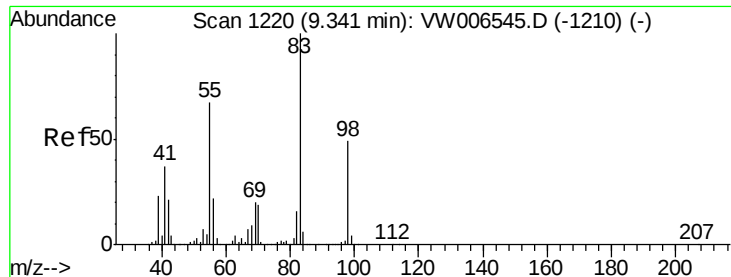
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#38
Carbon Tetrachloride
Concen: 21.324 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.3	114.5
121	30.8	24.1	36.1





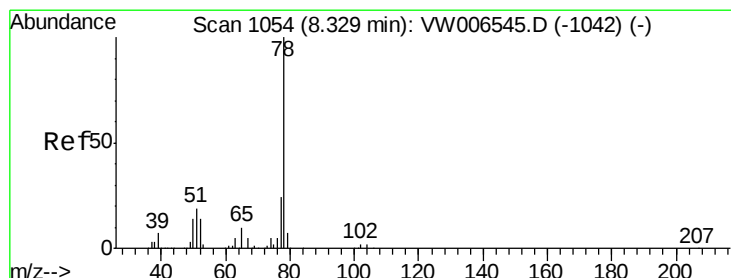
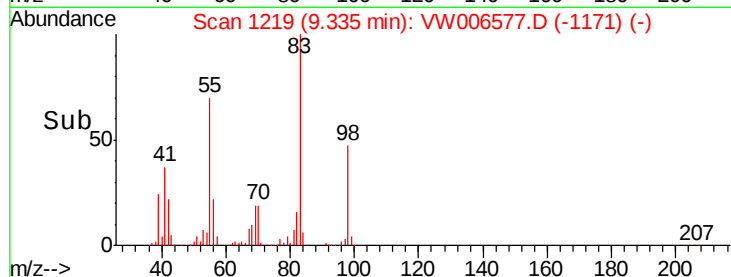
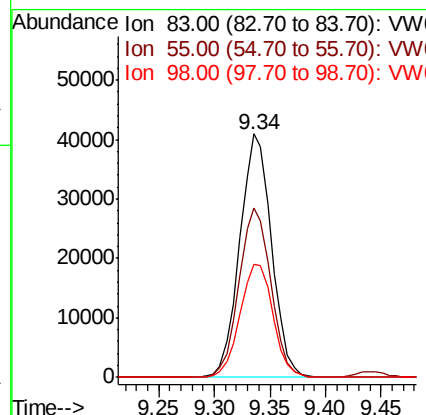
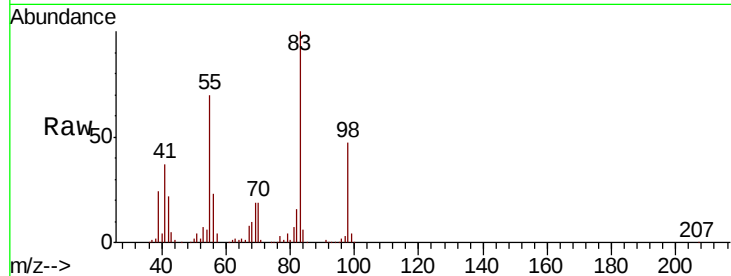
#39
Methvlcvclohexane
Concen: 20.305 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	80793		
55	69.6		53.7	80.5
98	46.6		39.2	58.8

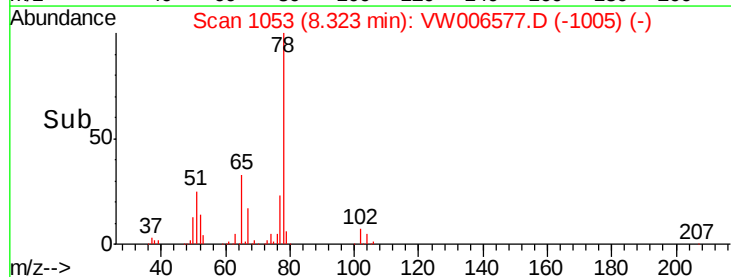
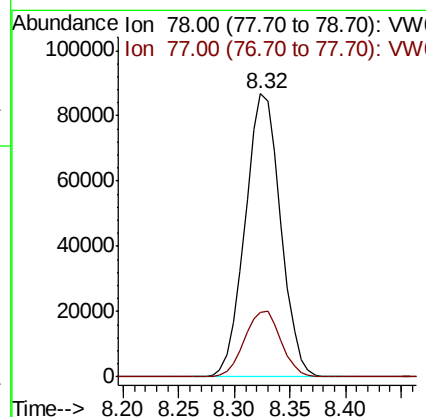
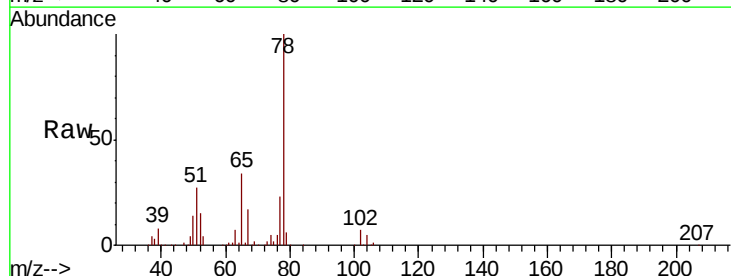
Manual Integrations
APPROVED

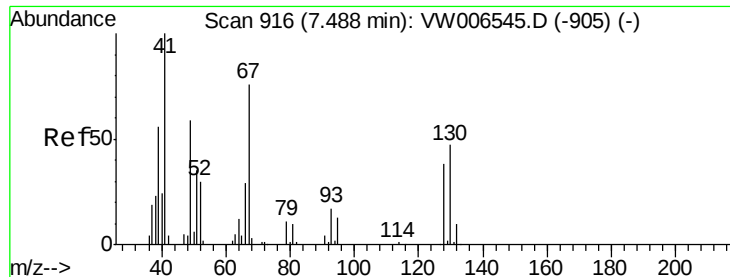
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#40
Benzene
Concen: 21.623 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	192573		
77	22.8		19.2	28.8





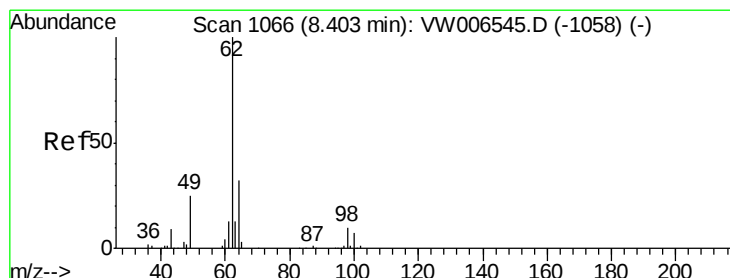
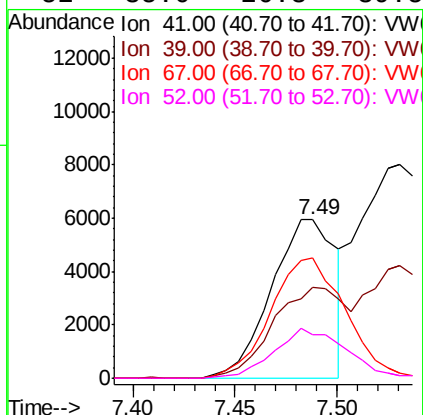
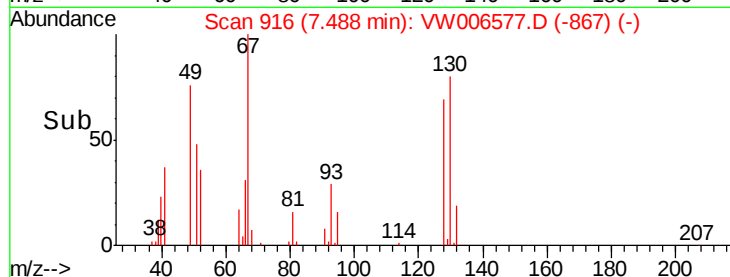
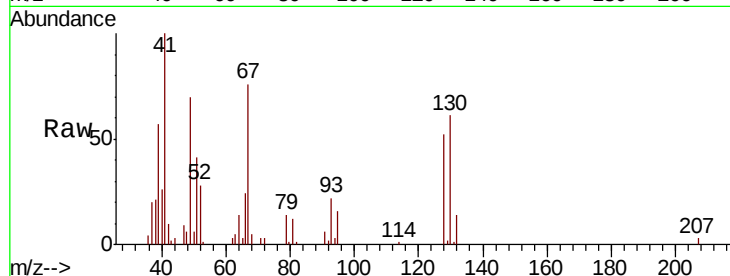
#41
Methacrylonitrile
Concen: 19.592 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.2	44.5	66.7
67	87.6	63.8	95.8
52	35.0	26.3	39.5

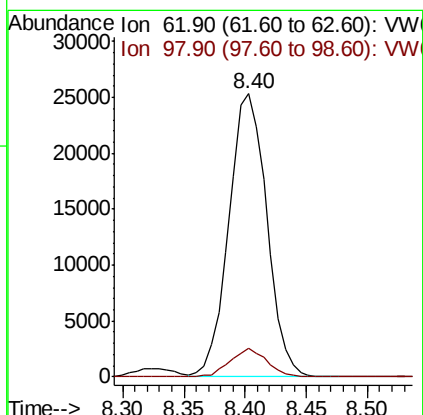
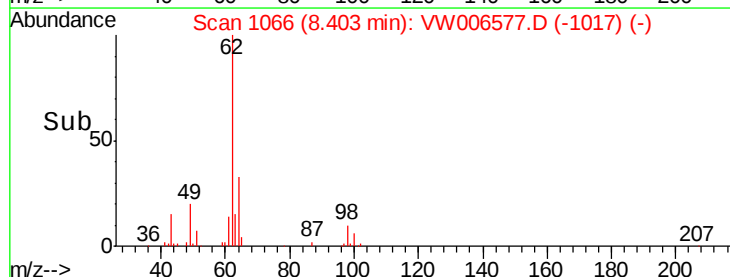
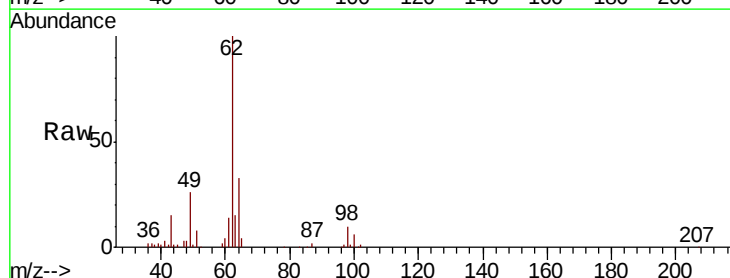
Manual Integrations
APPROVED

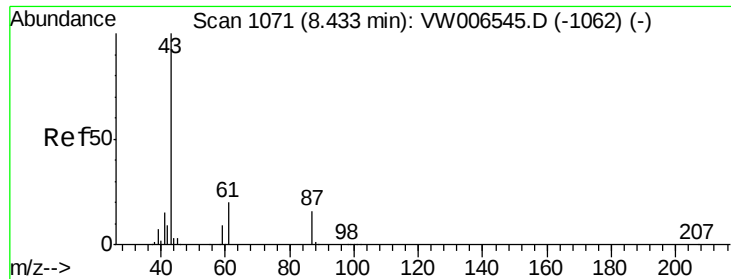
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#42
1,2-Dichloroethane
Concen: 21.329 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





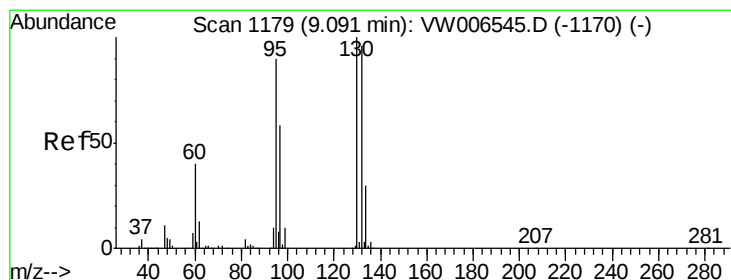
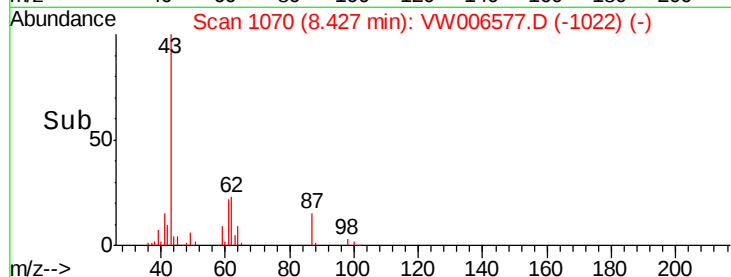
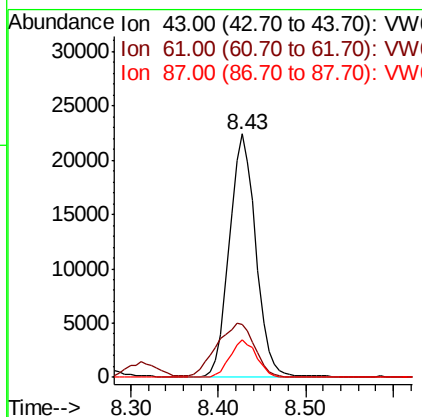
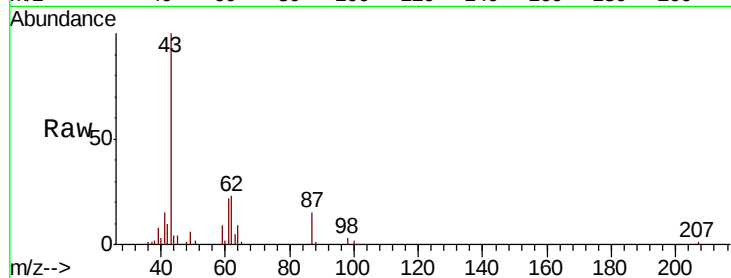
#43
Isopropyl Acetate
Concen: 21.870 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	43	Resp	47419
Ion Ratio	100	Lower	Upper
43	100		
61	31.6	27.2	40.8
87	15.2	12.9	19.3

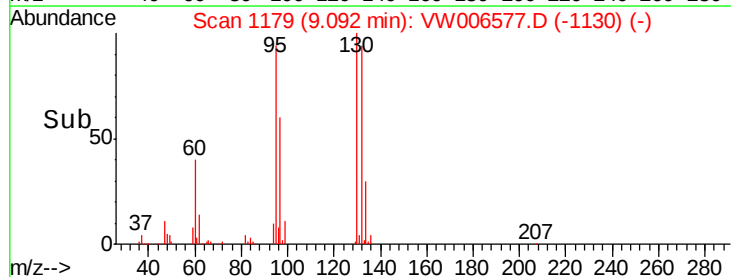
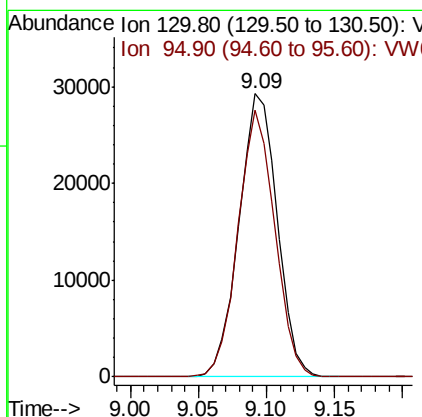
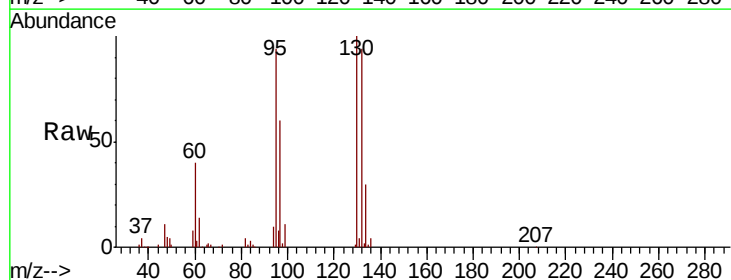
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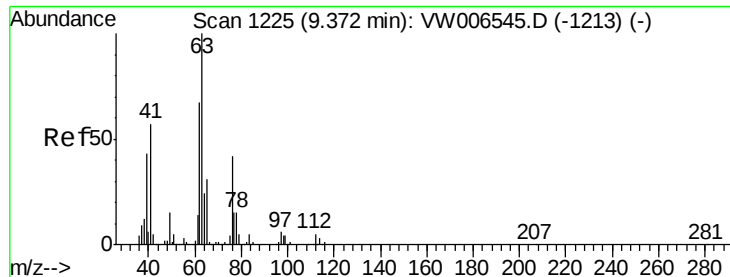
apatel
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#44
Trichloroethene
Concen: 20.948 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	130	Resp	57569
Ion Ratio	100	Lower	Upper
130	100		
95	94.4	0.0	179.2





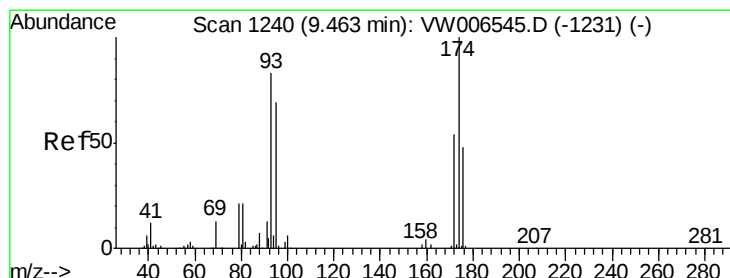
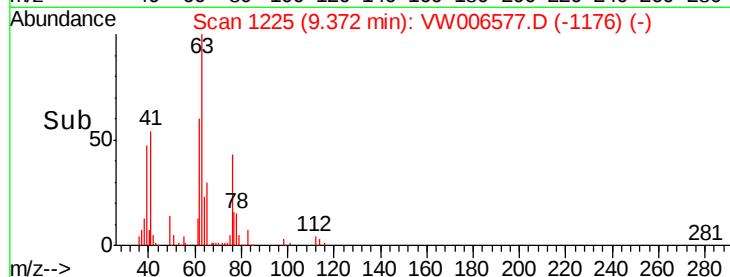
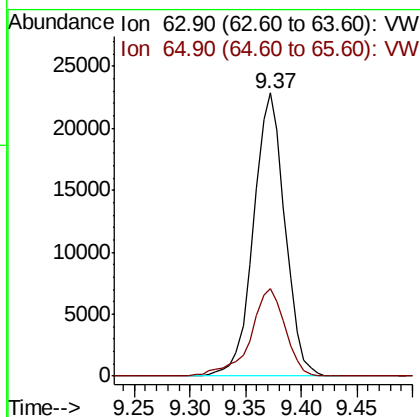
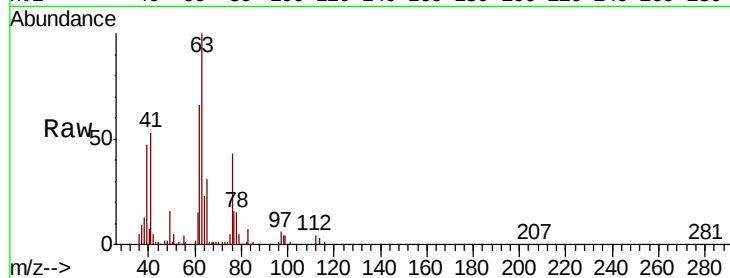
#45
 1,2-Dichloropropane
 Concen: 21.695 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.1	37.7

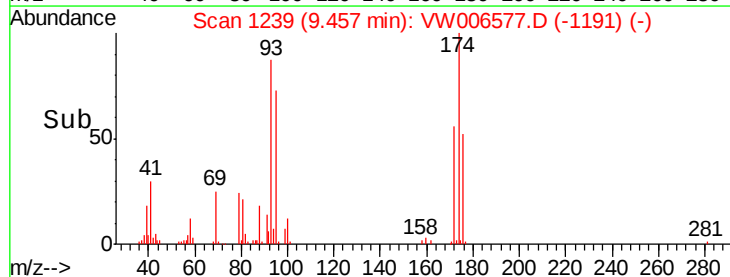
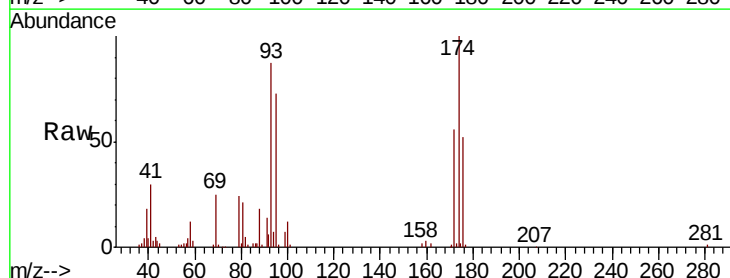
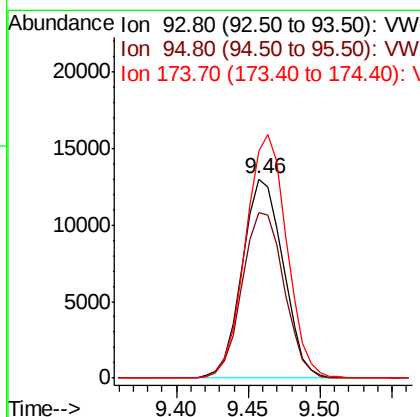
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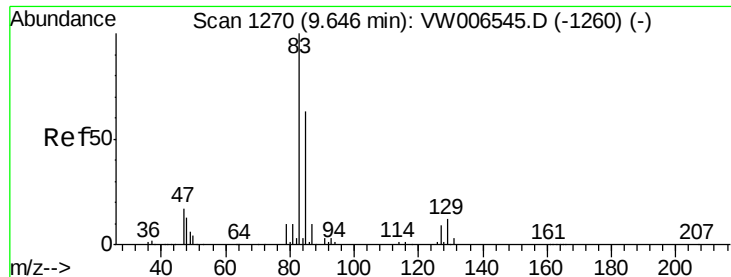
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#46
 Dibromomethane
 Concen: 21.090 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.9	67.2	100.8
174	122.2	97.3	145.9





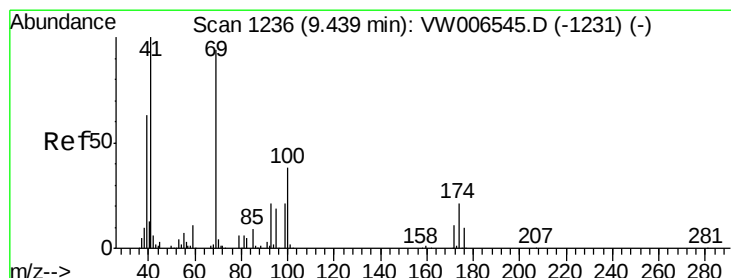
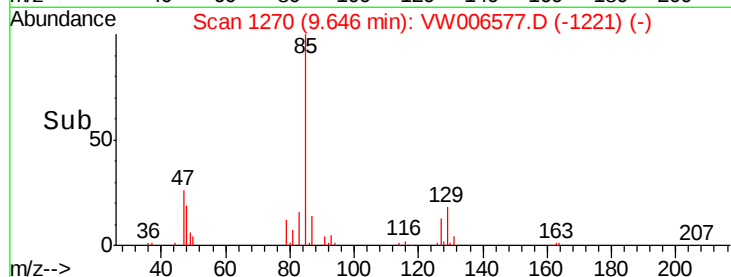
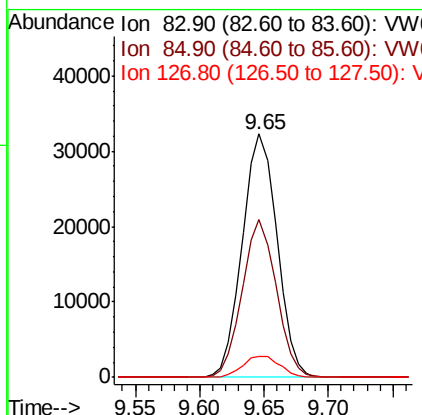
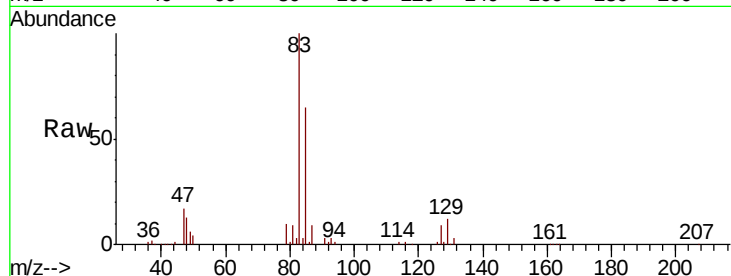
#47
Bromodichloromethane
Concen: 21.348 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.6	75.8
127	8.5	7.5	11.3

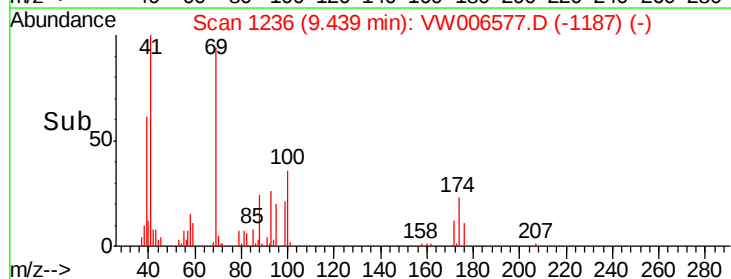
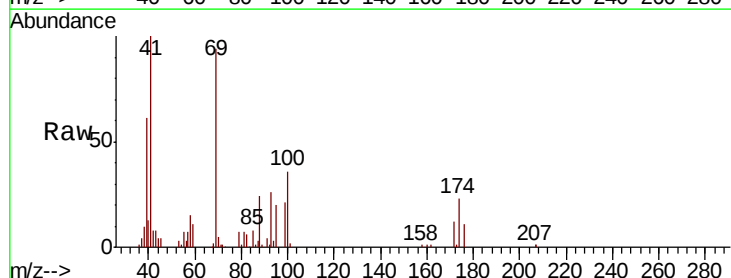
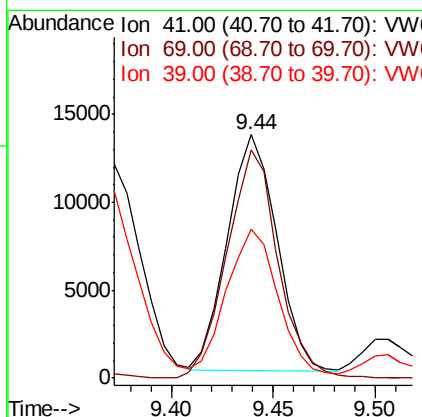
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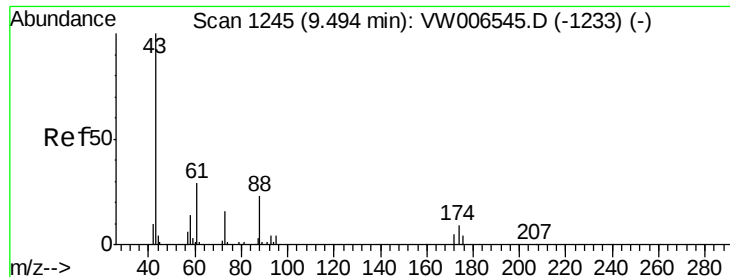
apatel
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#48
Methyl methacrylate
Concen: 21.719 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
41	100		
69	99.7	77.8	116.8
39	62.4	48.7	73.1





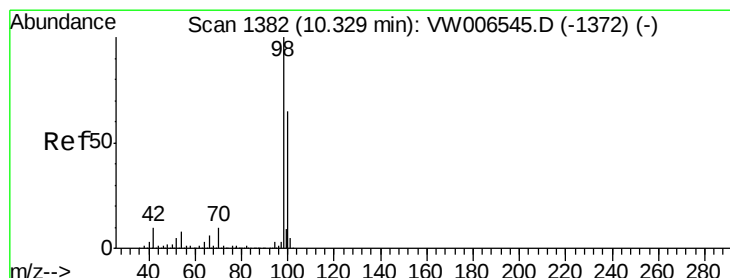
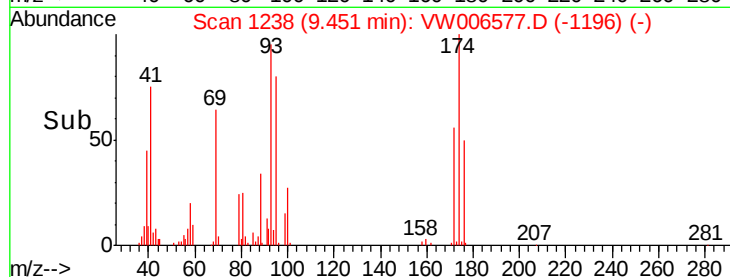
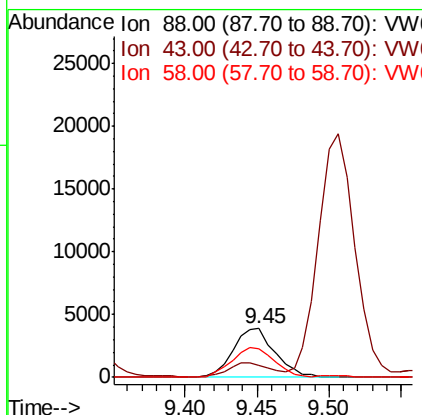
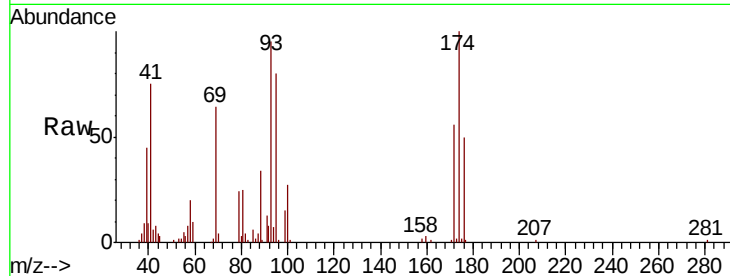
#49
1,4-Dioxane
Concen: 438.476 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.04 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	88	Resp	7818
Ion Ratio	Lower	Upper	
88	100		
43	31.7	356.6	534.8#
58	62.6	51.4	77.2

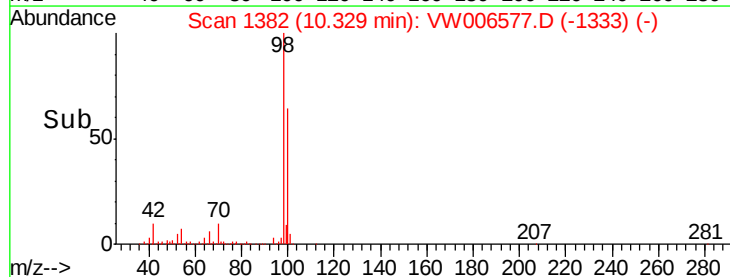
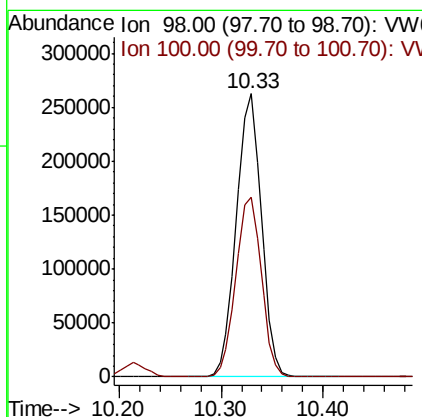
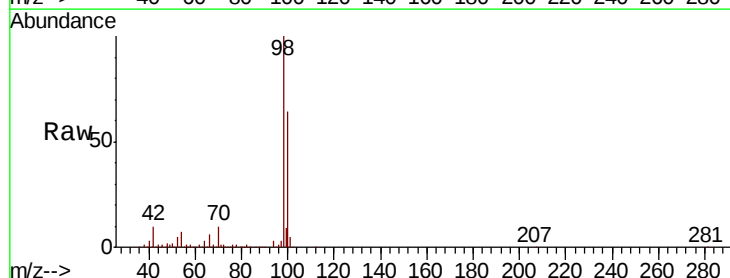
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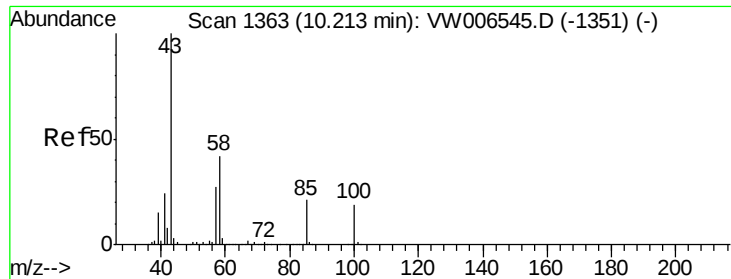
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#50
Toluene-d8
Concen: 52.435 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	98	Resp	446648
Ion Ratio	Lower	Upper	
98	100		
100	64.6	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 110.007 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion: 43 Resp: 122499

Ion Ratio Lower Upper

43 100

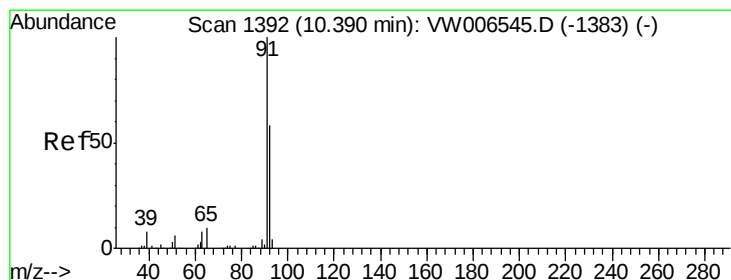
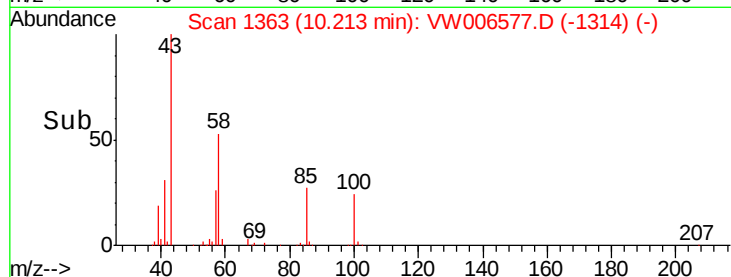
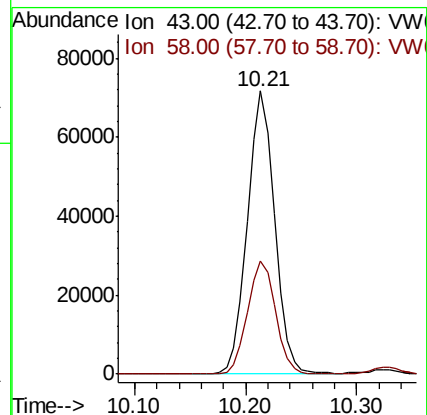
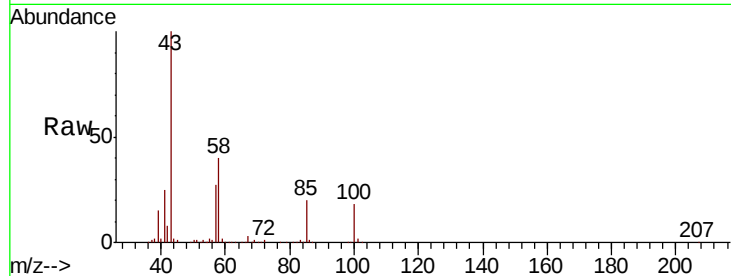
58 40.9 33.4 50.0

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#52

Toluene

Concen: 21.163 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006577.D

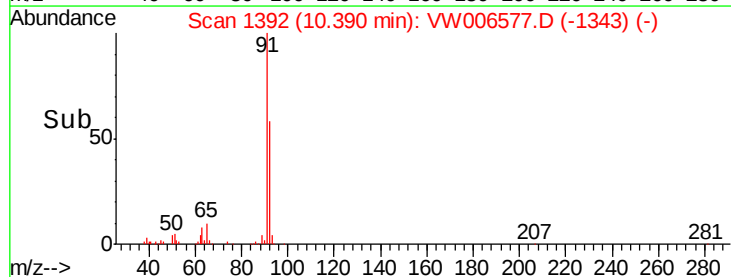
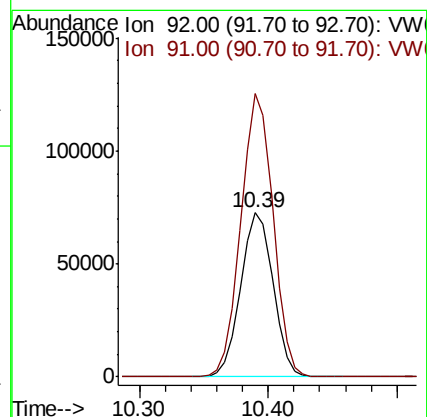
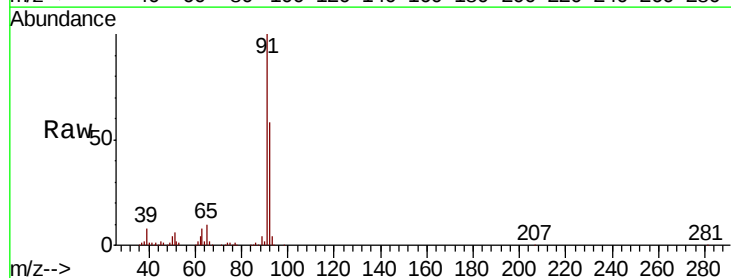
Acq: 02 Nov 2018 00:43

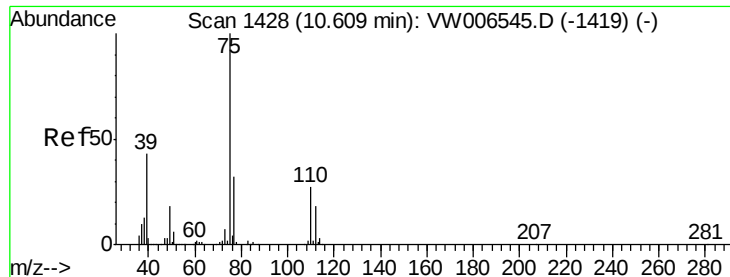
Tgt Ion: 92 Resp: 126410

Ion Ratio Lower Upper

92 100

91 171.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.818 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion: 75 Resp: 56677

Ion Ratio Lower Upper

75 100

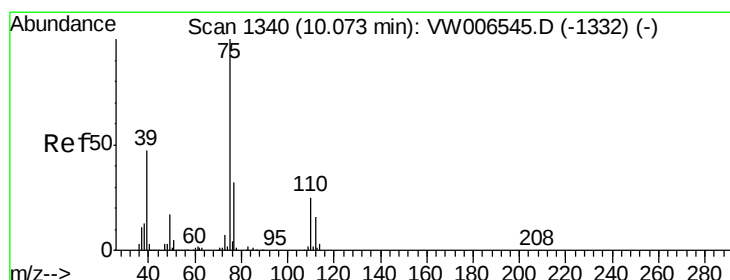
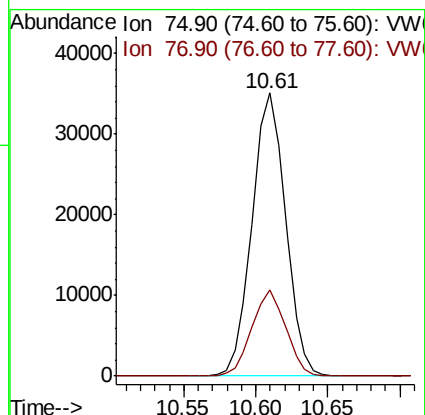
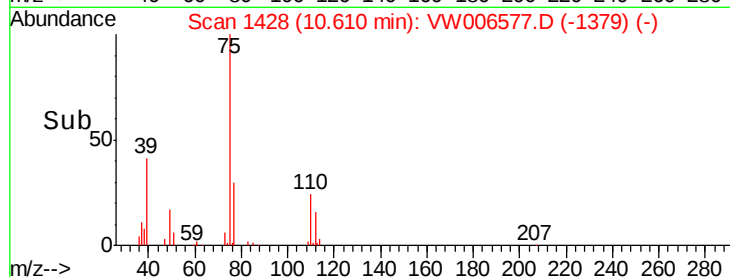
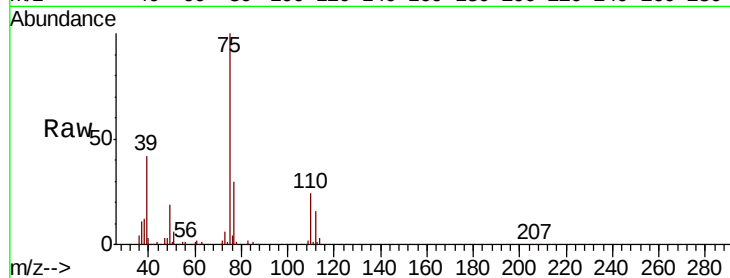
77 30.4 25.6 38.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.517 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

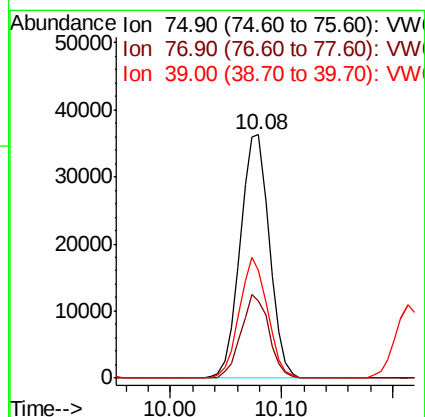
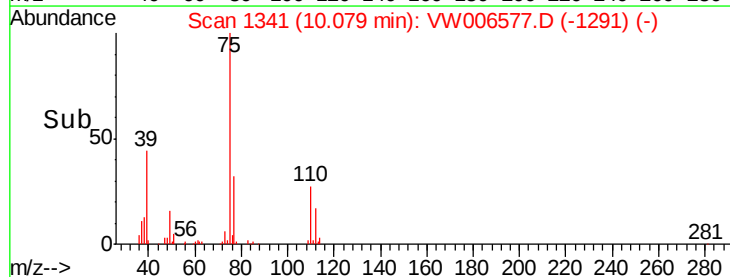
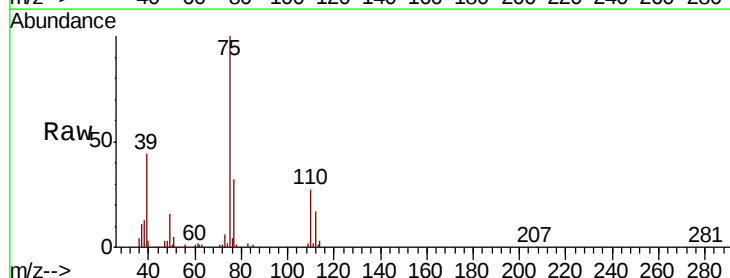
Tgt Ion: 75 Resp: 66006

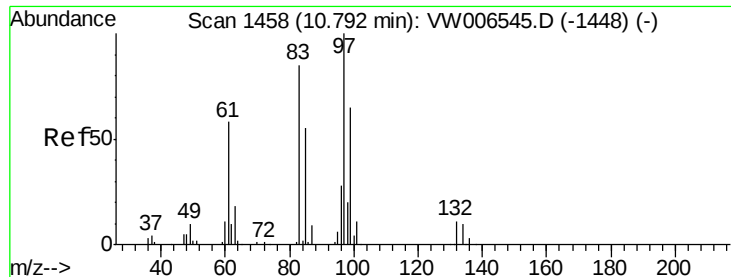
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 44.4 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 21.088 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

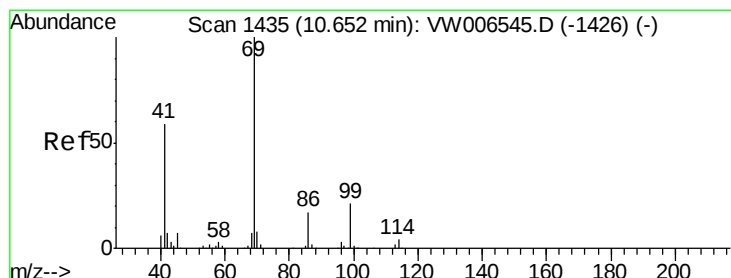
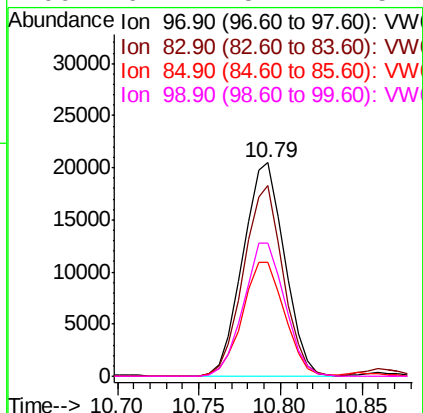
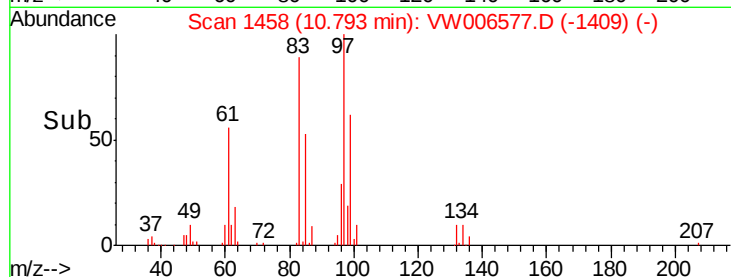
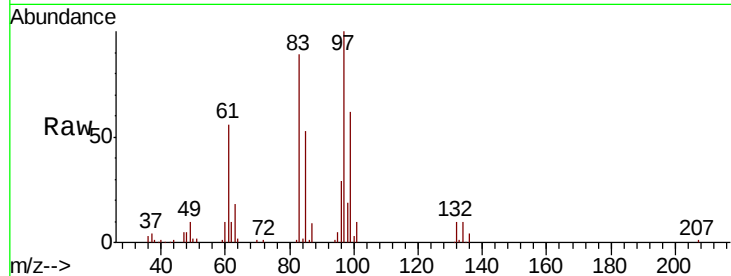
ClientSampleId :

VW110318SBS01

Tot Ion:	97	Resp:	36453
Ion	Ratio	Lower	Upper
97	100		
83	89.2	67.9	101.9
85	53.4	44.0	66.0
99	62.1	52.2	78.2

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#56

Ethyl methacrylate

Concen: 20.490 ug/l

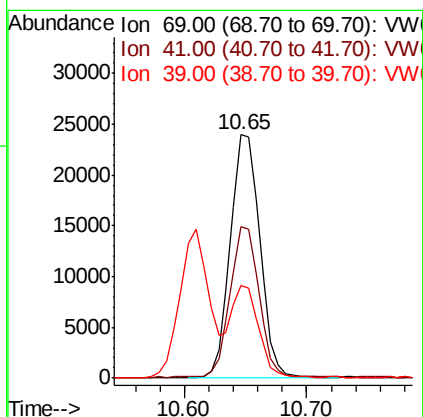
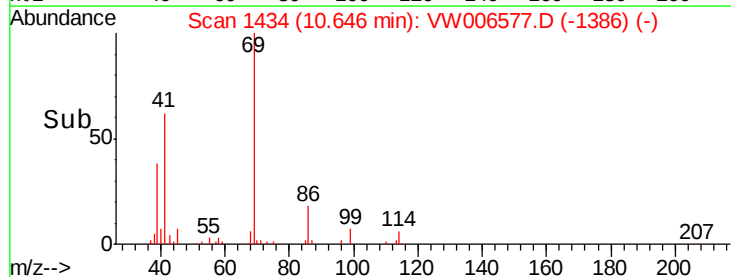
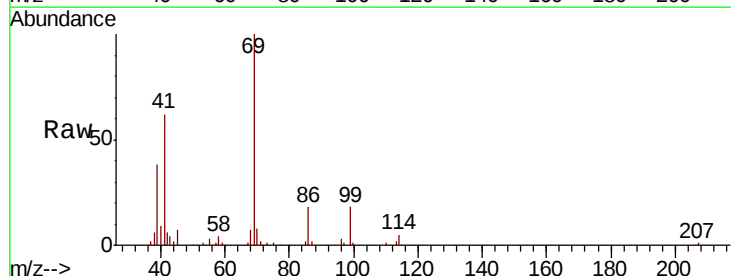
RT: 10.65 min Scan# 1434

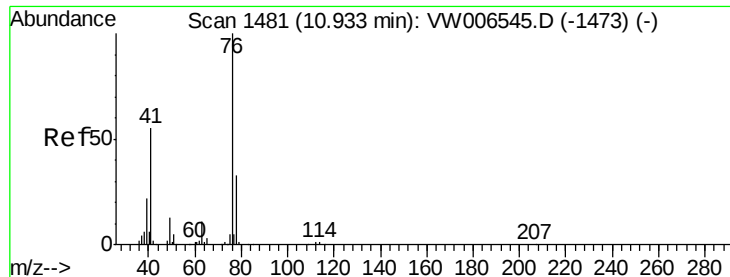
Delta R.T. -0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Tgt Ion:	69	Resp:	40258
Ion	Ratio	Lower	Upper
69	100		
41	60.6	47.4	71.2
39	36.3	25.3	37.9





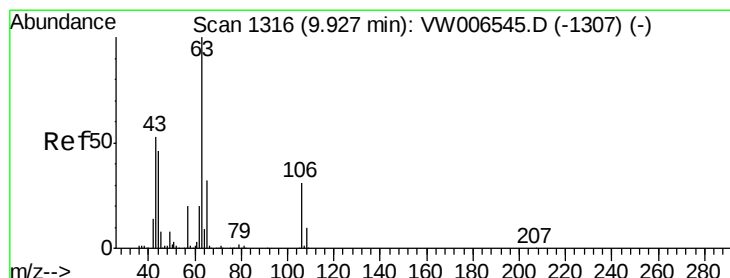
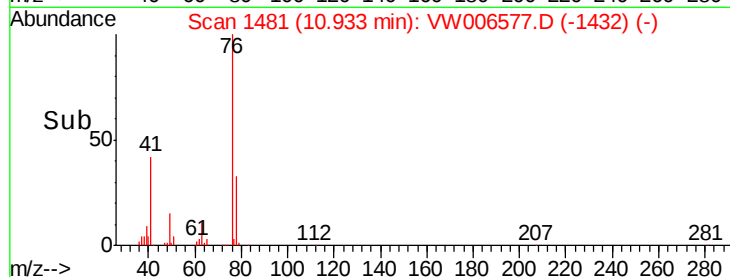
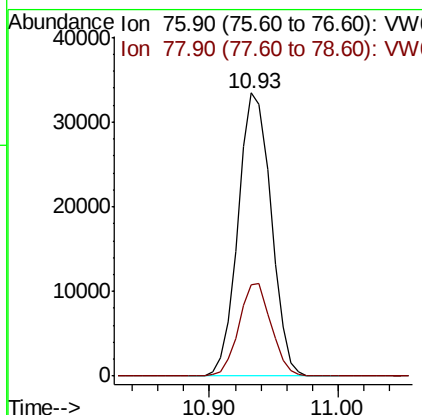
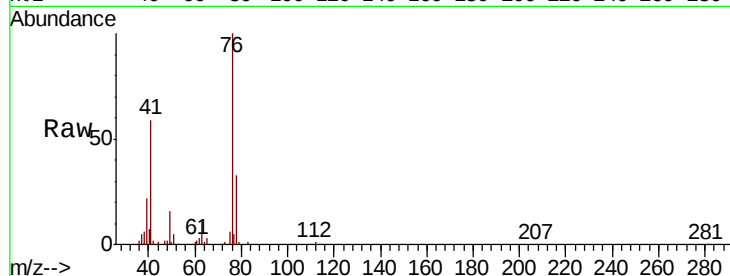
#57
 1,3-Dichloropropane
 Concen: 21.128 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.4

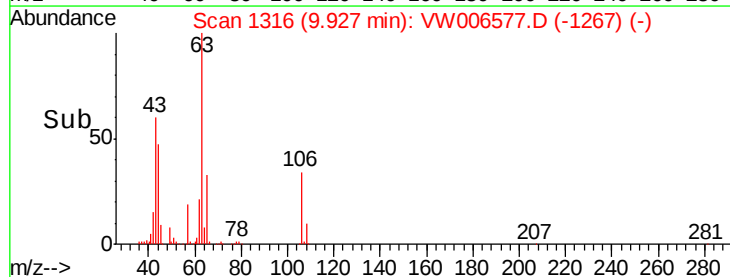
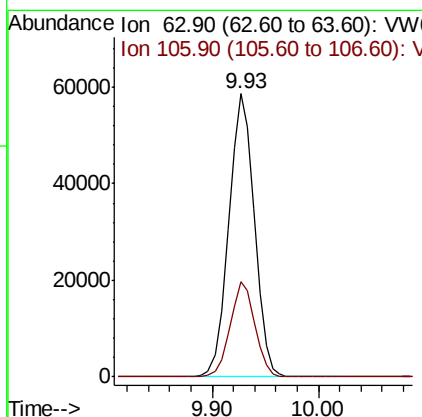
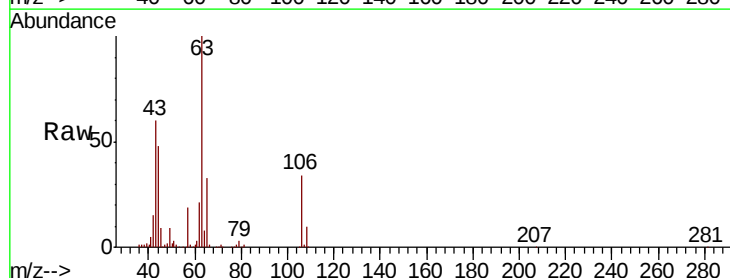
Manual Integrations
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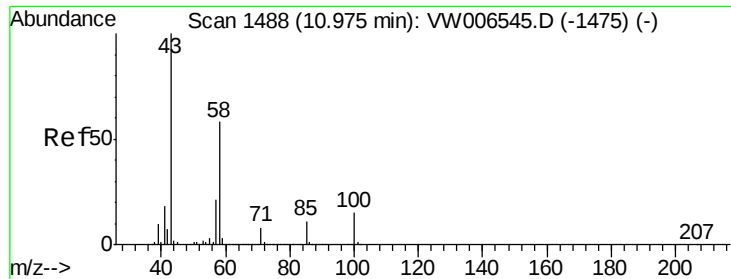
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 11/2/2018 1:01:28 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.179 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.6	25.4	38.2





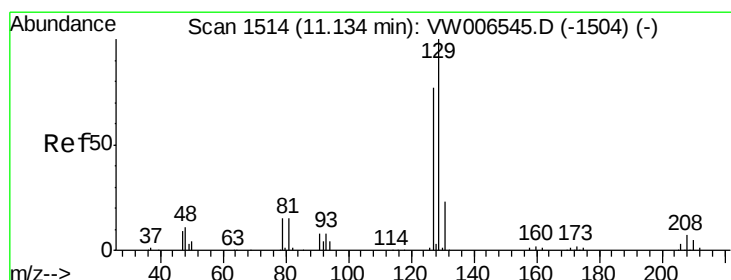
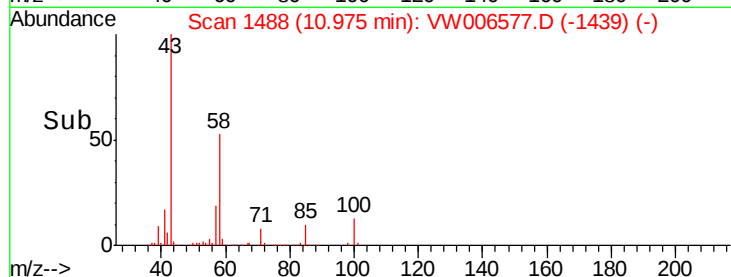
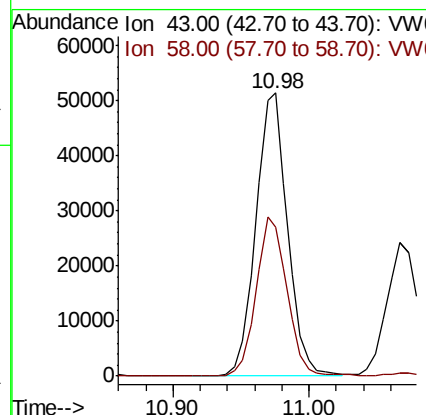
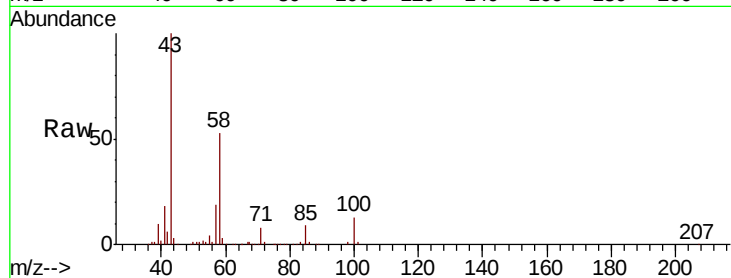
#59
2-Hexanone
Concen: 111.024 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion: 43 Resp: 83970
Ion Ratio Lower Upper
43 100
58 55.0 28.8 86.4

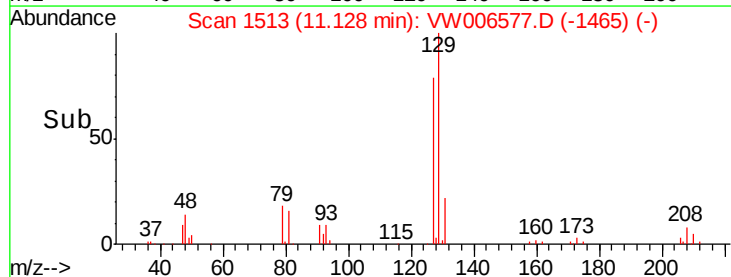
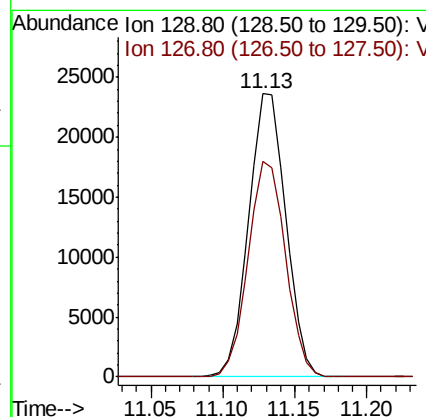
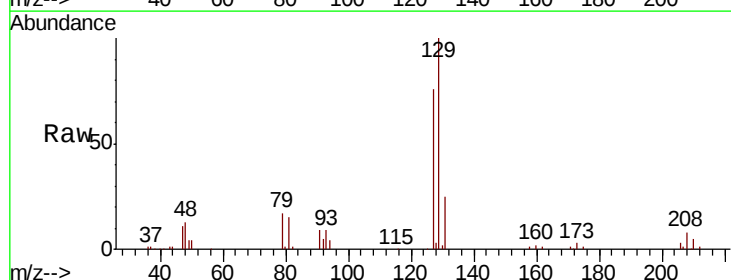
Manual Integrations
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#60
Dibromochloromethane
Concen: 20.652 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion: 129 Resp: 42298
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.756 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion: 107 Resp: 35631

Ion Ratio Lower Upper

107 100

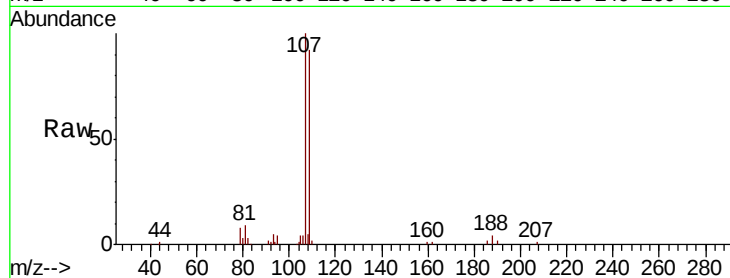
109 92.7 75.8 113.6

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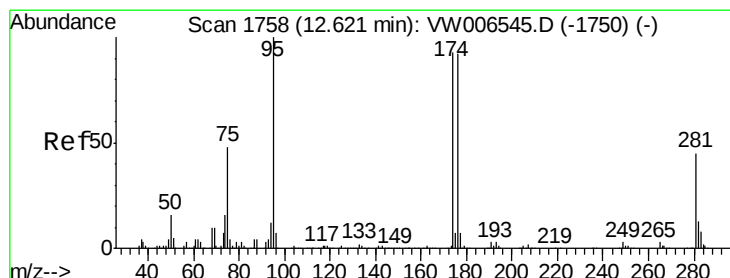
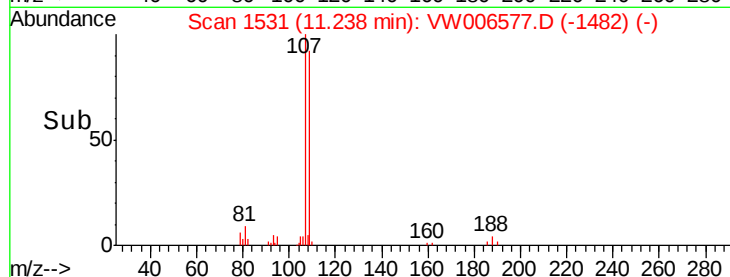
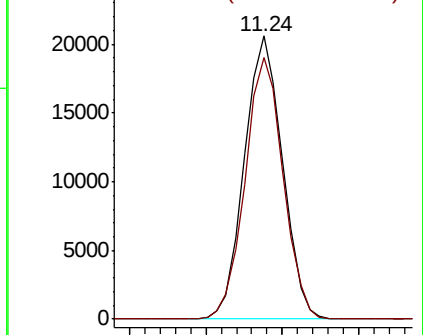
apatel

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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: 49.133 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

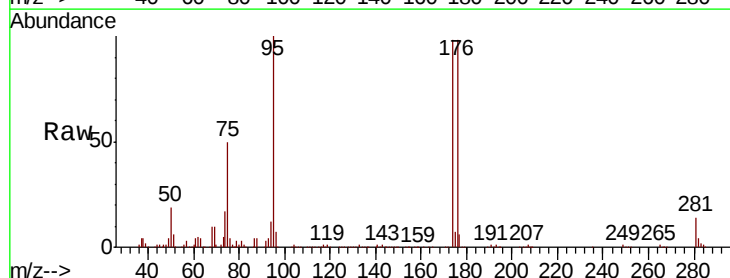
Tgt Ion: 95 Resp: 151730

Ion Ratio Lower Upper

95 100

174 99.7 0.0 192.4

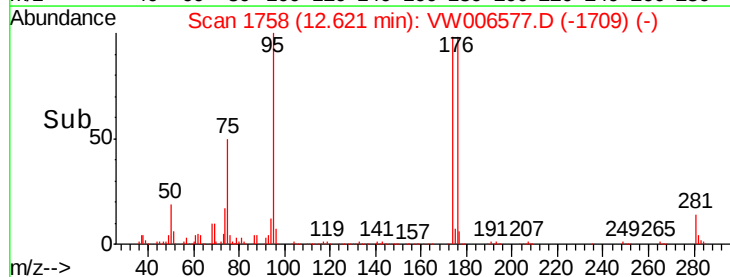
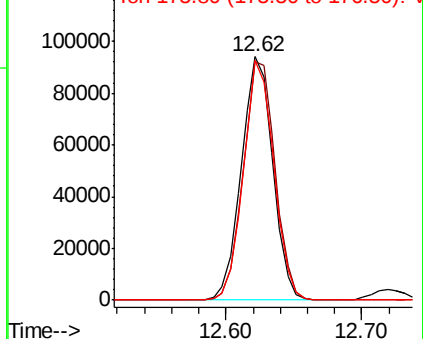
176 95.8 0.0 187.4

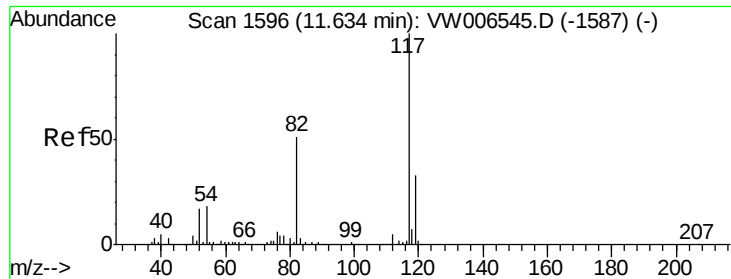


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





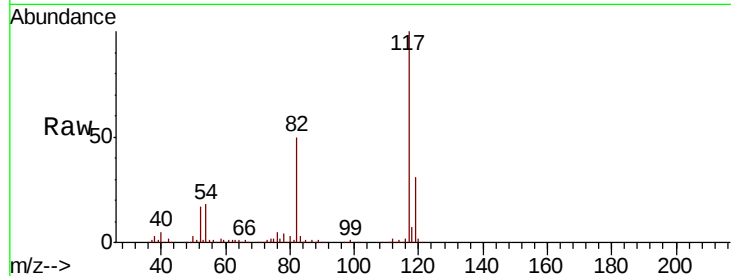
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	40.8	61.2
119	31.4	26.1	39.1

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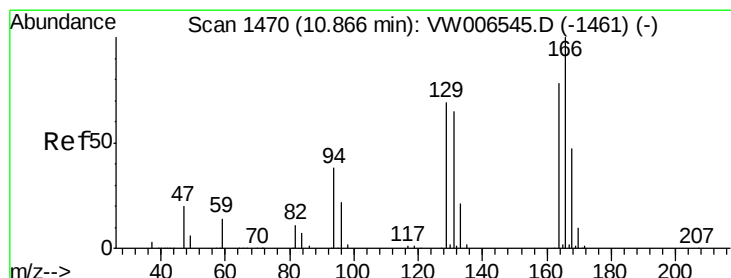
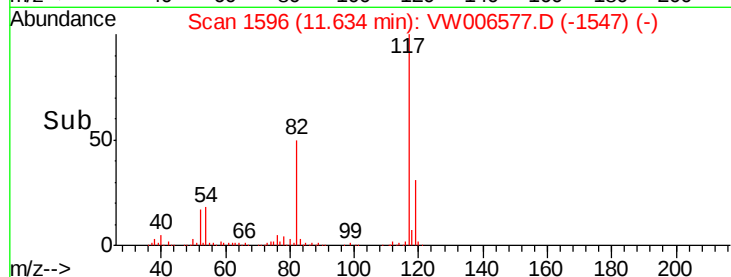
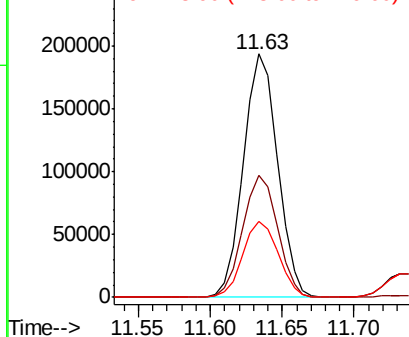


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.140 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	102.8	154.2
129	86.2	70.9	106.3
131	83.6	67.0	100.6

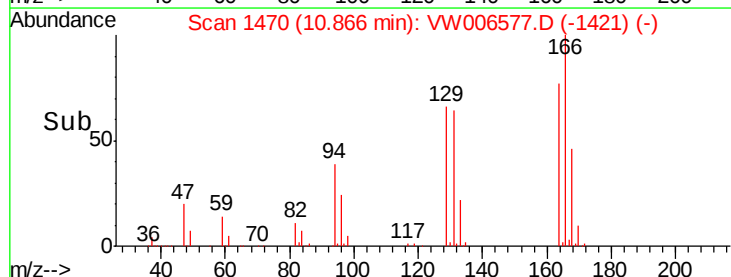
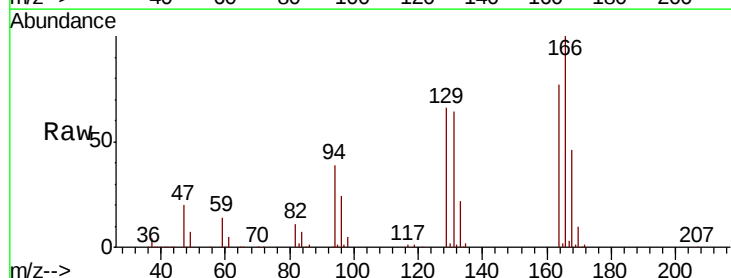
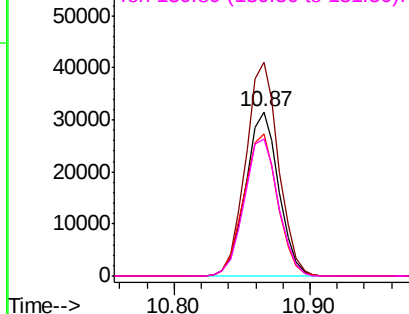
Abundance

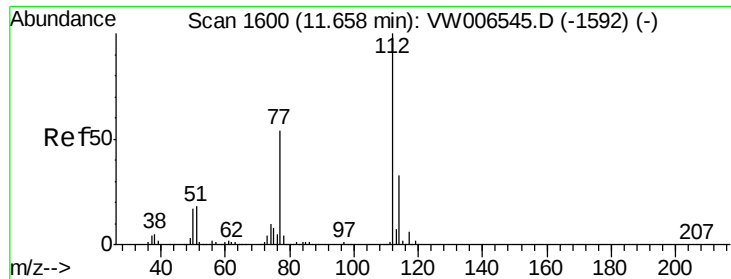
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





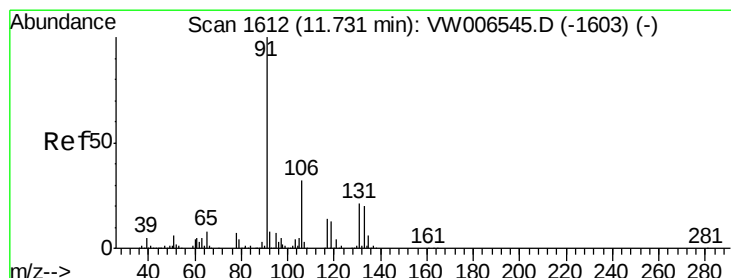
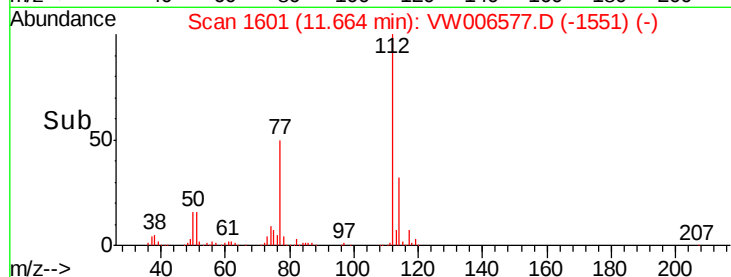
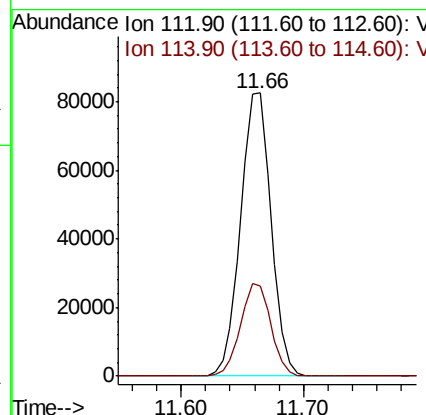
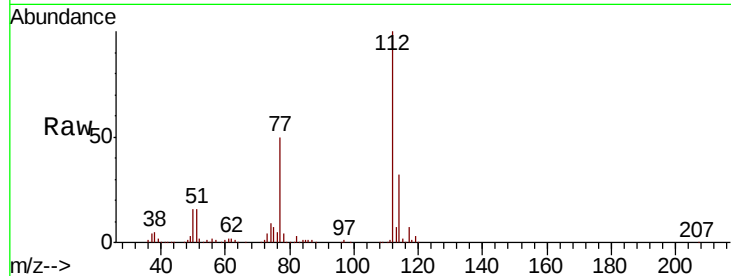
#65
Chlorobenzene
Concen: 21.234 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.2	39.2

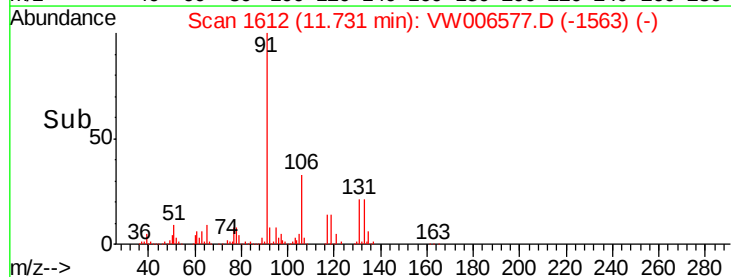
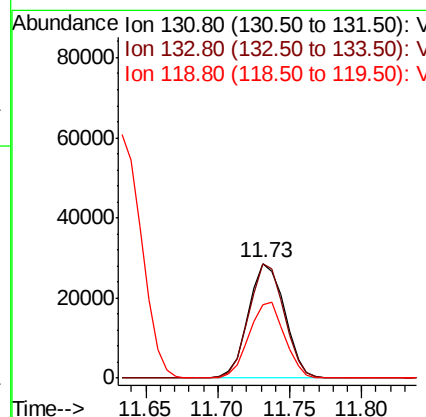
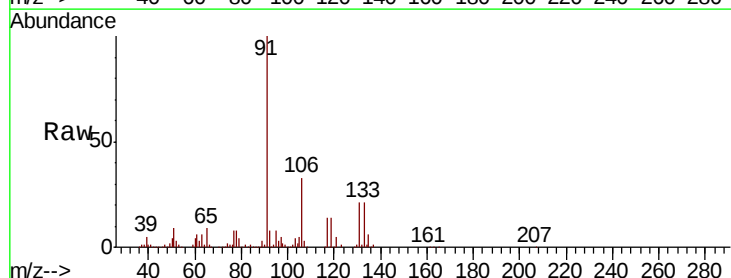
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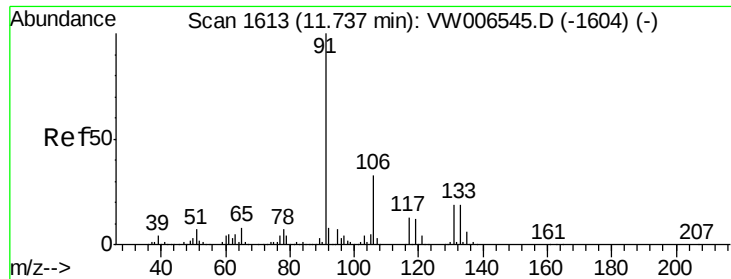
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.058 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.6	47.5	142.5
119	65.3	31.9	95.5





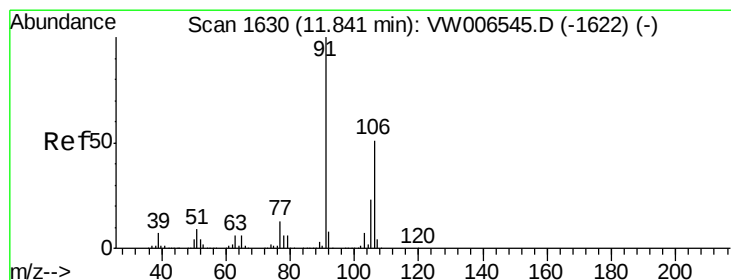
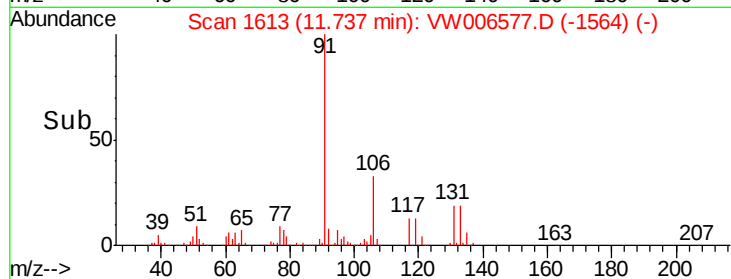
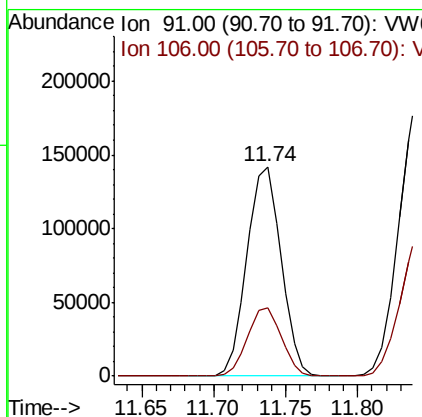
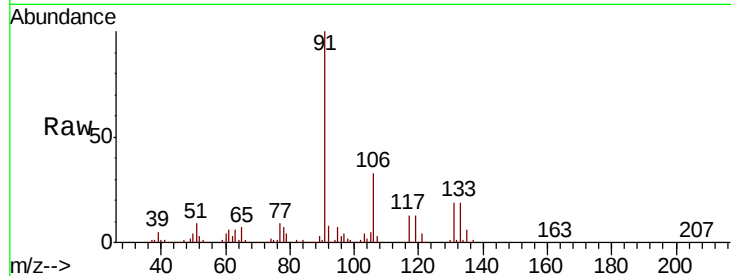
#67
Ethyl Benzene
Concen: 20.807 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion: 91 Resp: 233444
Ion Ratio Lower Upper
91 100
106 32.8 26.3 39.5

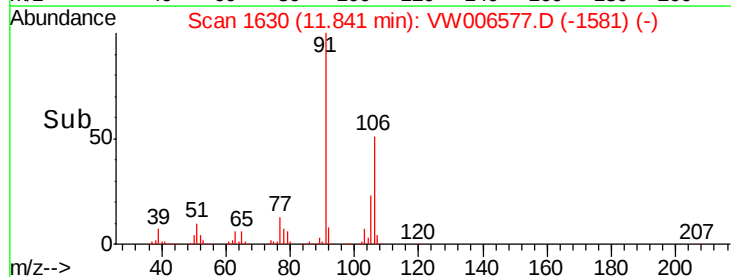
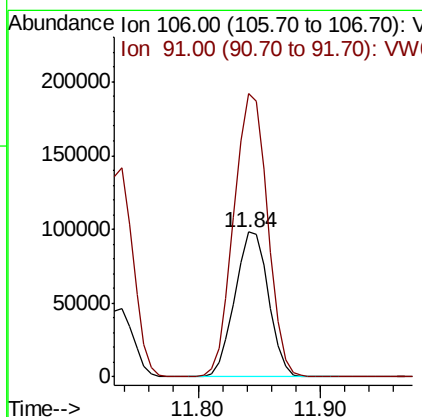
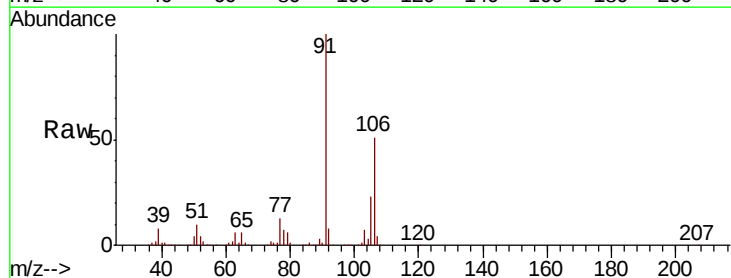
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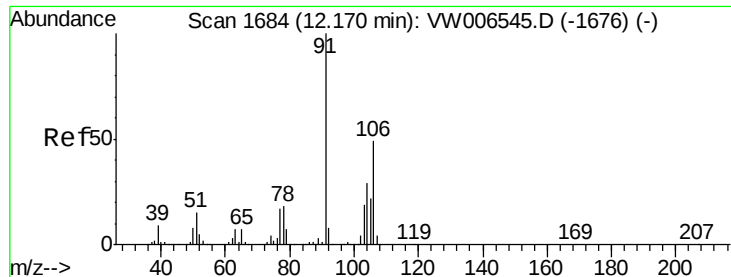
apatel
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#68
m/p-Xylenes
Concen: 41.866 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion: 106 Resp: 187658
Ion Ratio Lower Upper
106 100
91 196.1 156.7 235.1





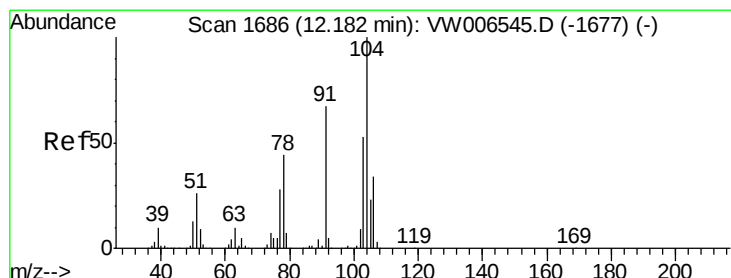
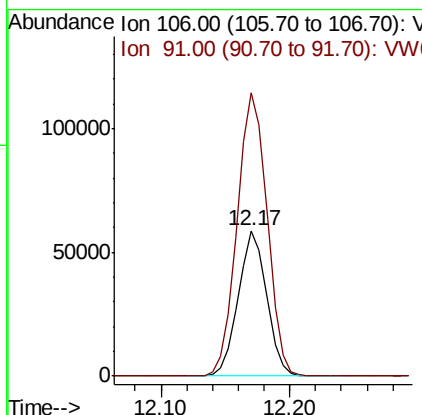
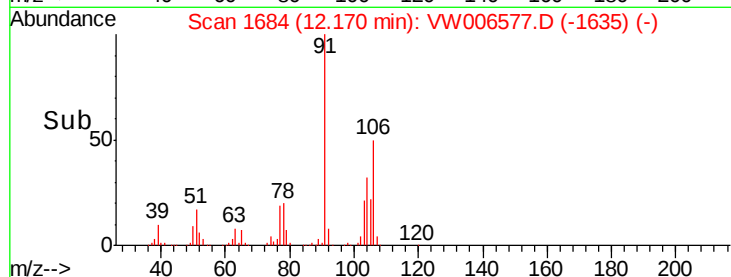
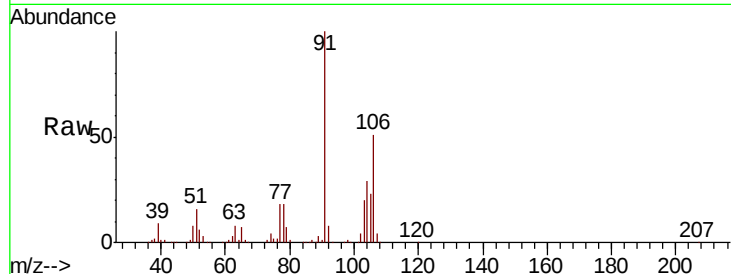
#69
o-Xylene
Concen: 21.122 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.1	102.8	308.4

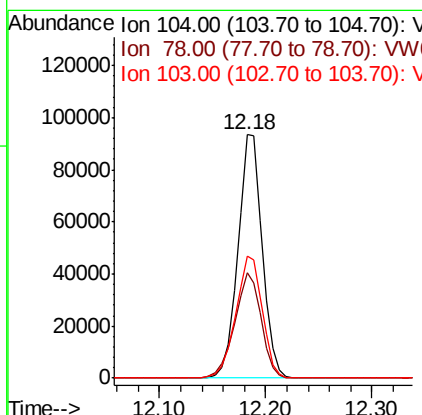
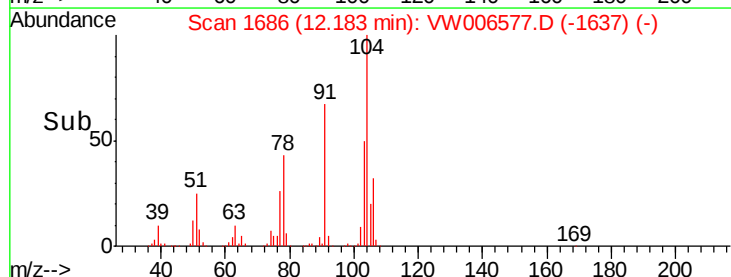
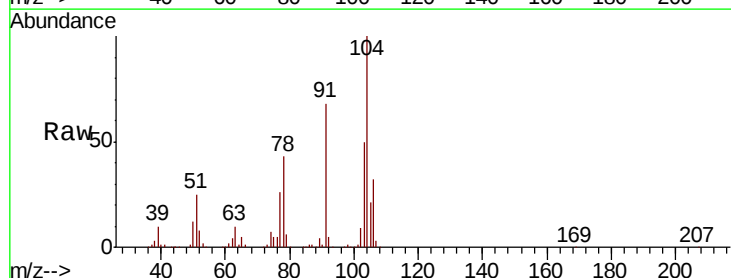
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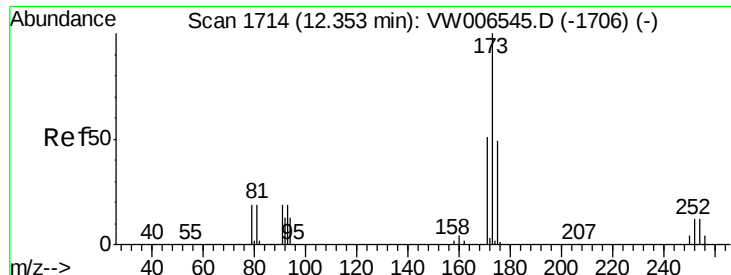
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#70
Styrene
Concen: 21.531 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.8	37.2	55.8
103	54.8	44.2	66.2





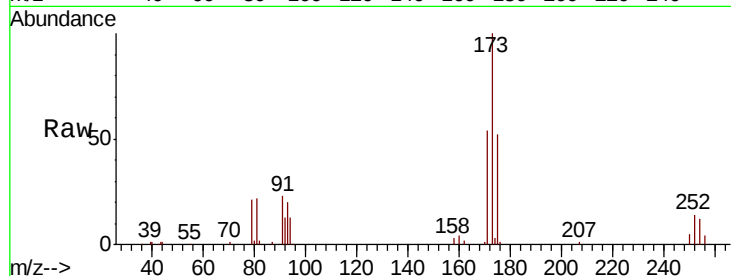
#71
Bromoform
Concen: 20.632 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.0	0.1	0.1#

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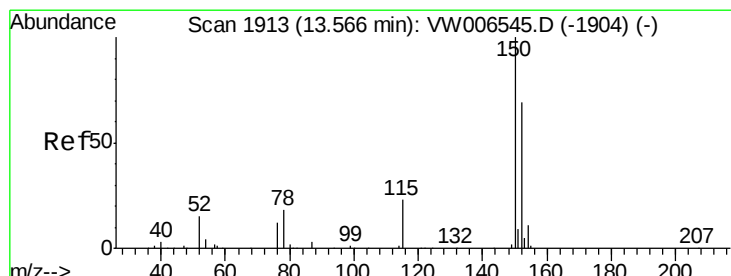
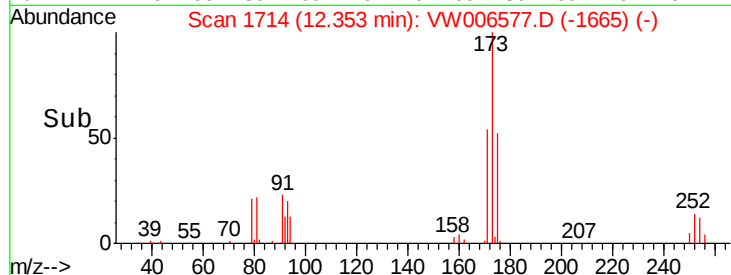
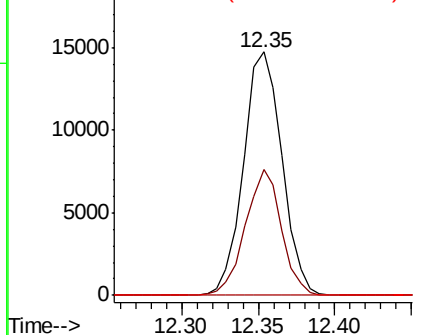


Abundance

Ion 172.70 (172.40 to 173.40): V

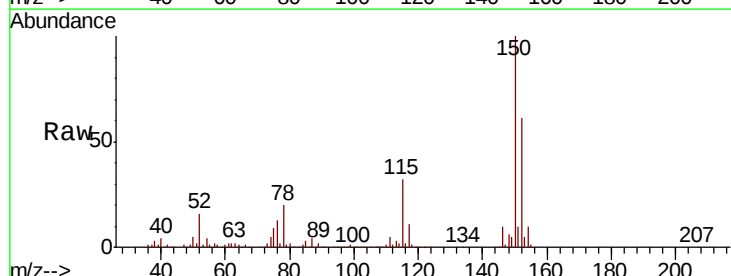
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.6	79.8
150	163.2	0.0	344.6

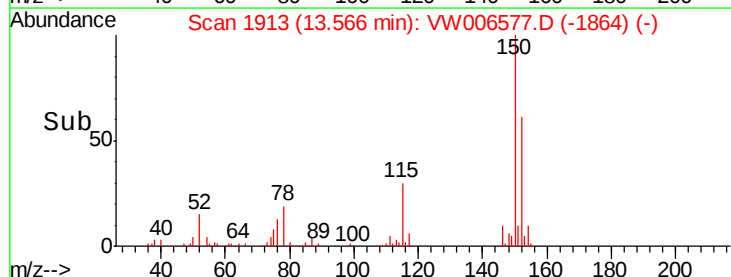
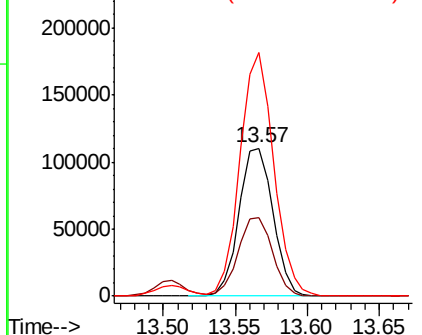


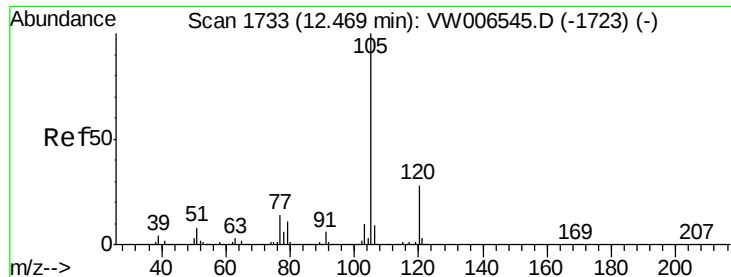
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.181 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion:105 Resp: 240760

Ion Ratio Lower Upper

105 100

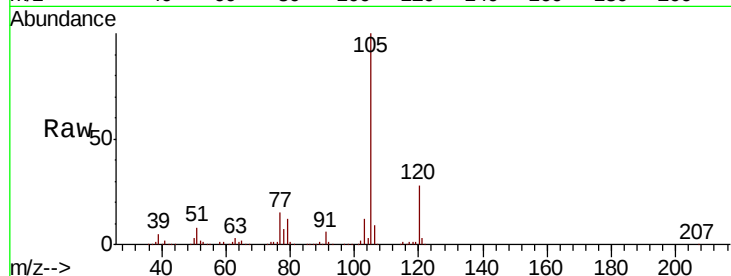
120 27.3 13.7 41.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

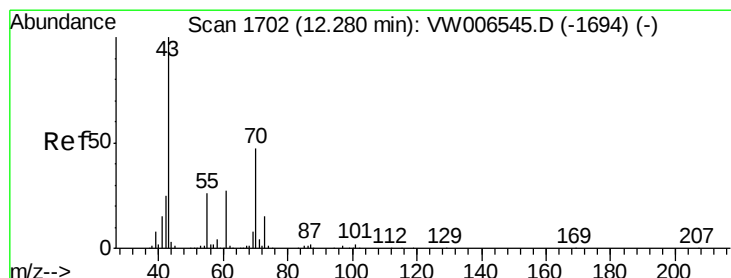
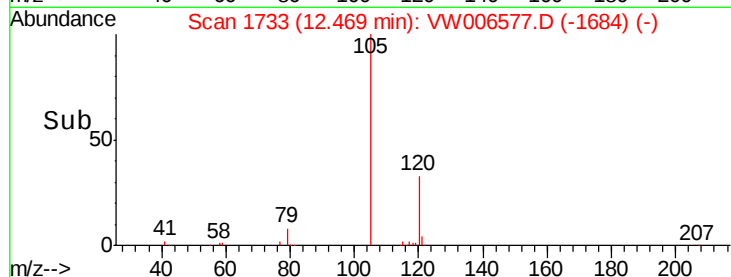
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.971 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Tgt Ion: 43 Resp: 43233

Ion Ratio Lower Upper

43 100

70 46.7 36.9 55.3

55 28.2 20.7 31.1

61 25.5 20.7 31.1

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

40000

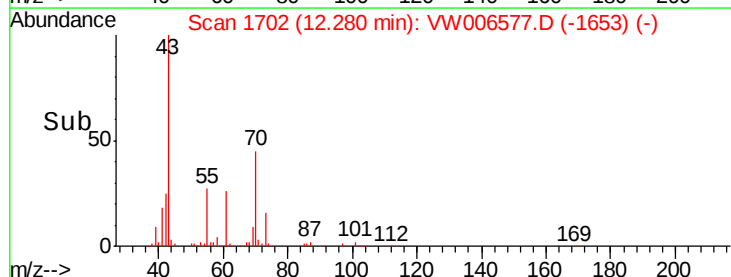
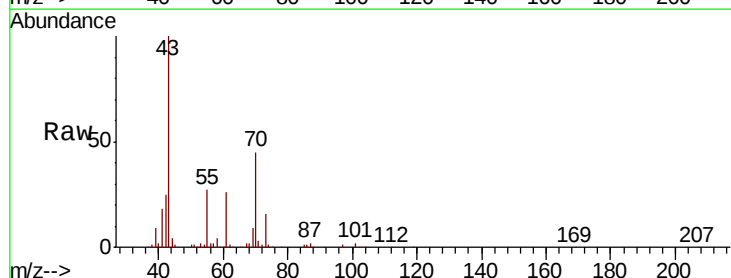
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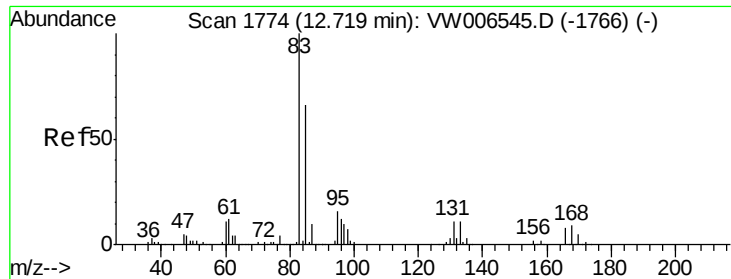
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.733 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

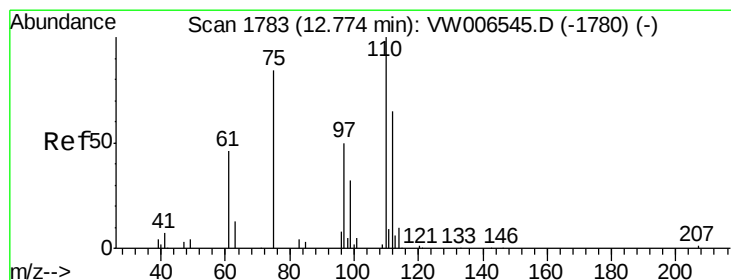
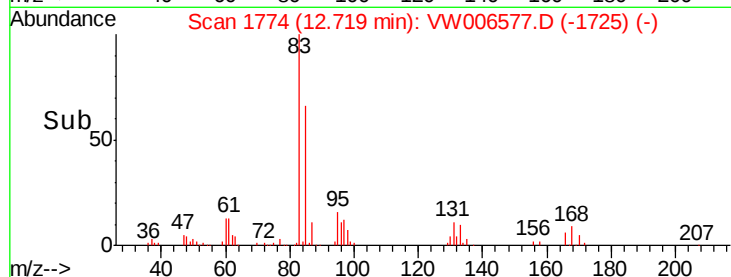
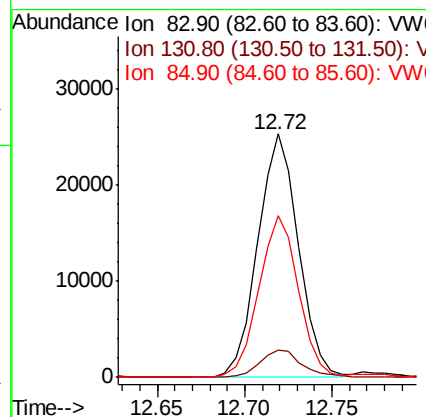
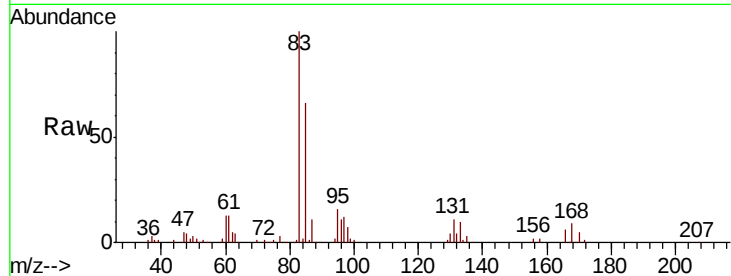
ClientSampleId :

VW110318SBS01

Tot Ion:	83	Resp:	40951
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.9	17.7
85	65.2	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 22.089 ug/l m

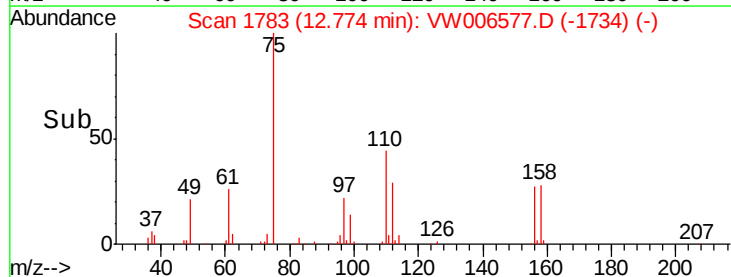
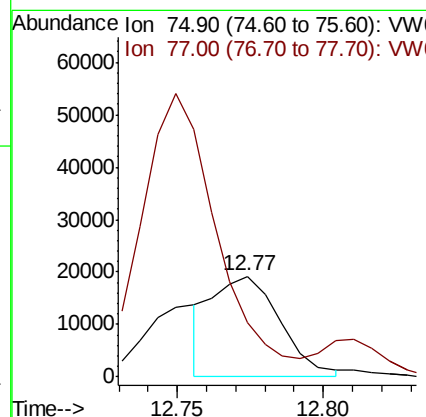
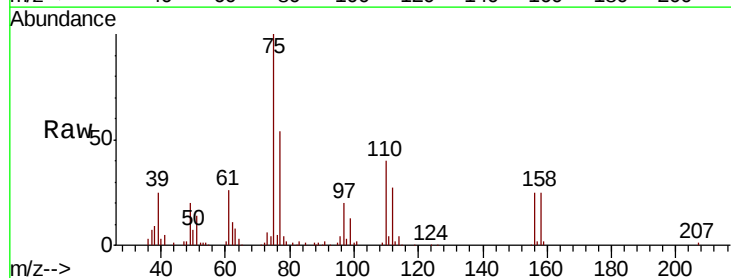
RT: 12.77 min Scan# 1783

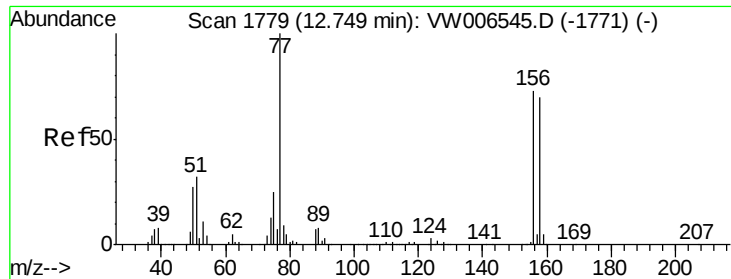
Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Tgt Ion:	75	Resp:	31212
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.793 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion:156 Resp: 64225

Ion Ratio Lower Upper

156 100

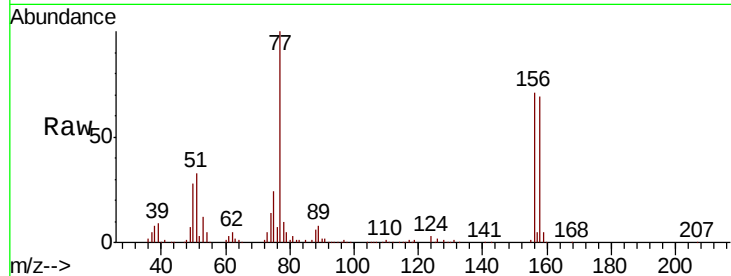
77 152.7 75.9 227.8

158 97.5 48.6 145.9

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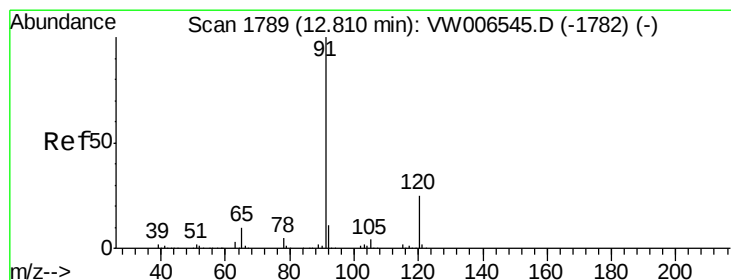
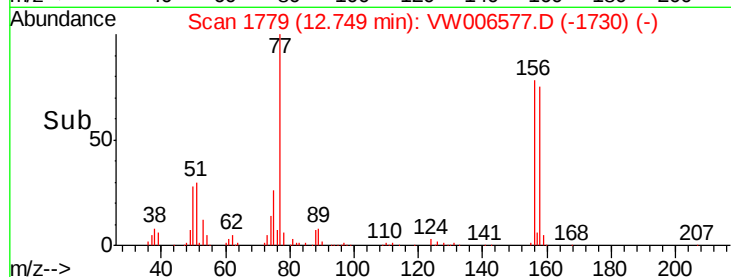
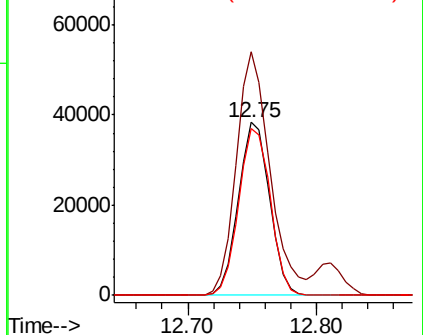
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.713 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006577.D

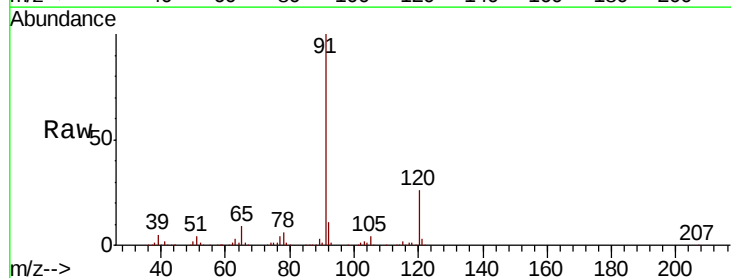
Acq: 02 Nov 2018 00:43

Tgt Ion: 91 Resp: 284233

Ion Ratio Lower Upper

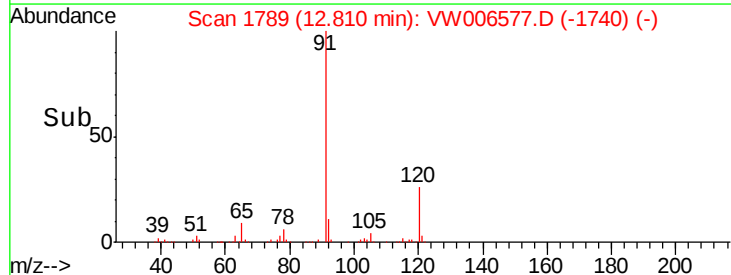
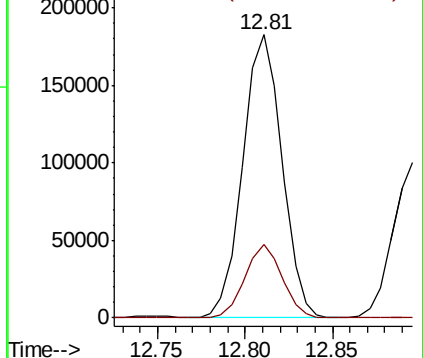
91 100

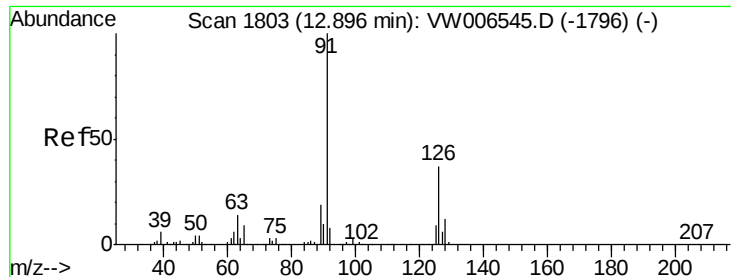
120 24.6 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.591 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampled :

VW110318SBS01

Tot Ion: 91 Resp: 162157

Ion Ratio Lower Upper

91 100

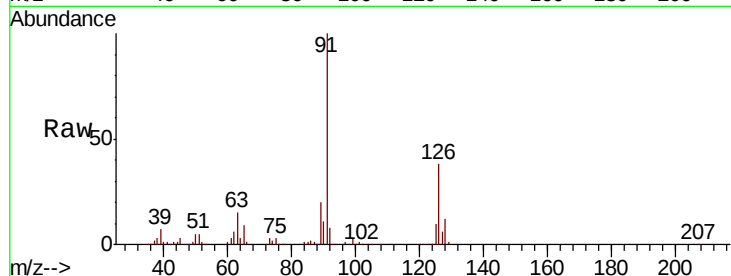
126 37.0 18.5 55.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

150000

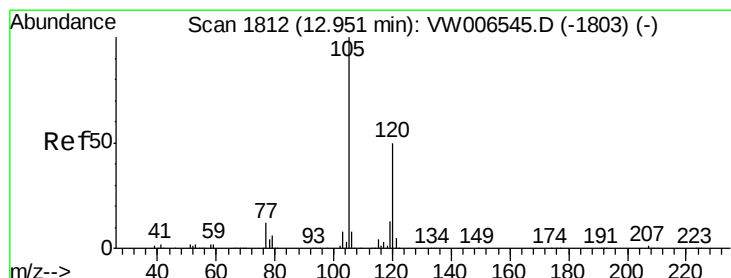
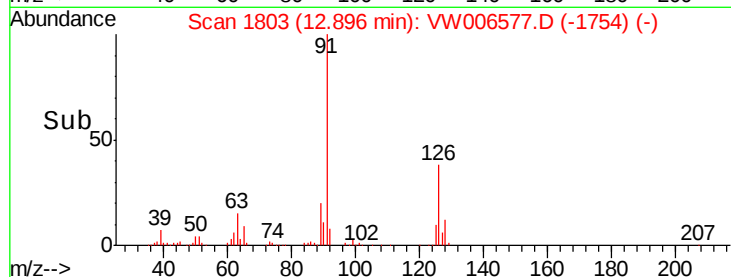
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.804 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006577.D

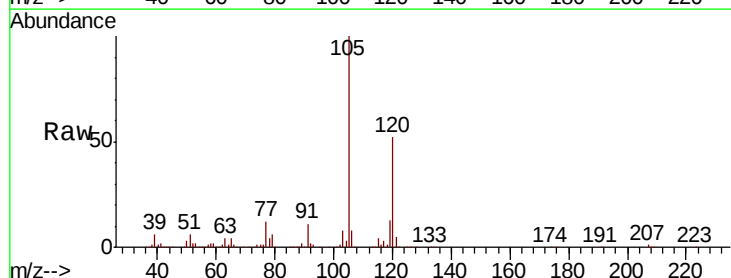
Acq: 02 Nov 2018 00:43

Tgt Ion:105 Resp: 208509

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

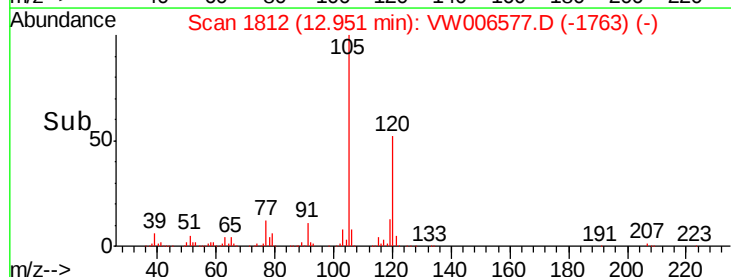
100000

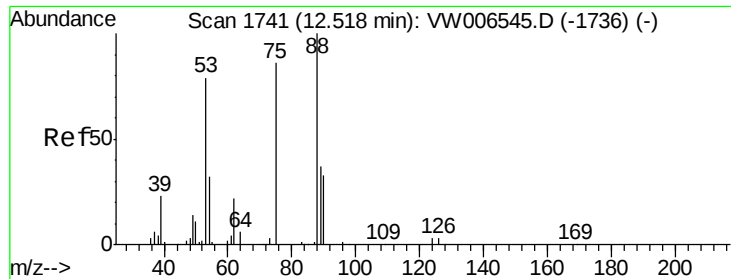
50000

0

12.85 12.90 12.95 13.00

Time-->





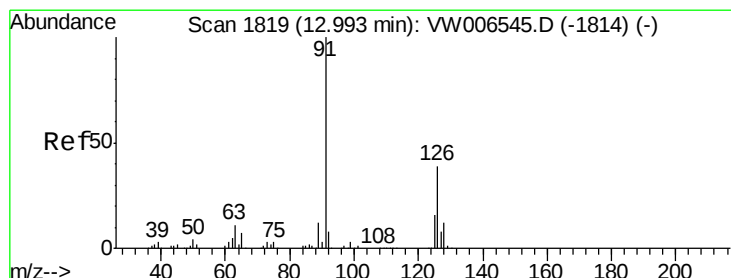
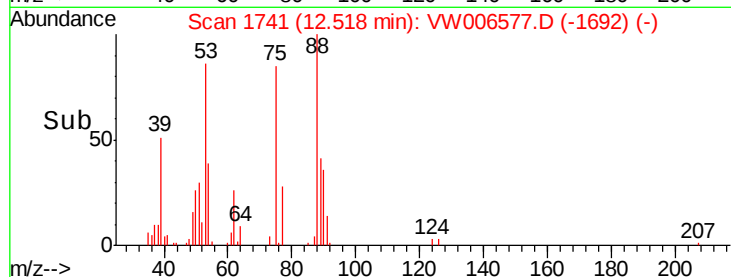
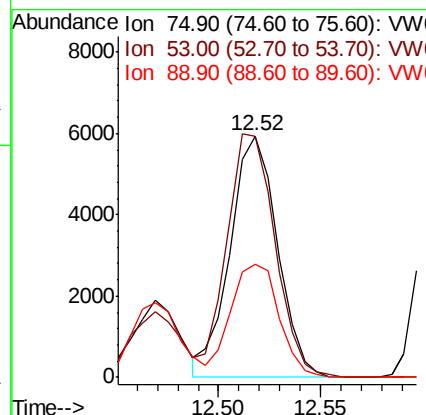
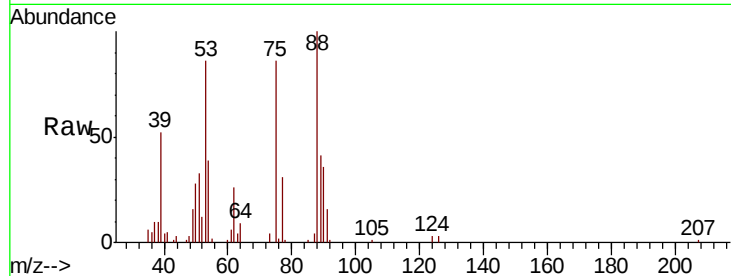
#81
trans-1,4-Dichloro-2-butene
Concen: 19.227 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.4	77.2	115.8
89	48.1	38.6	58.0

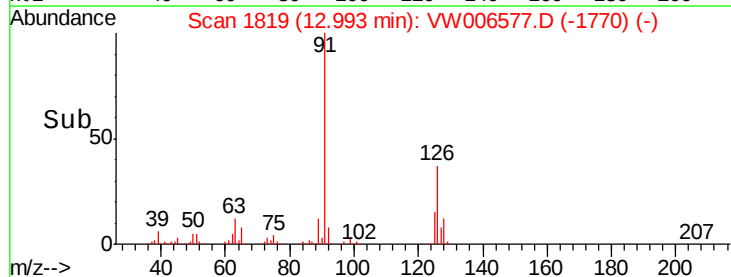
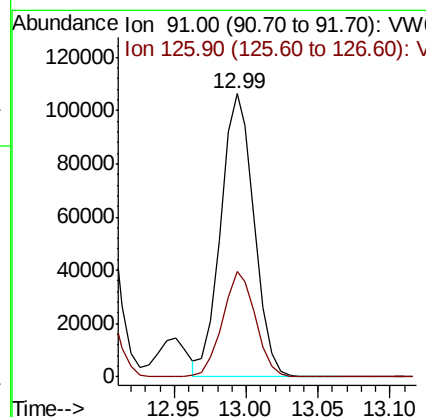
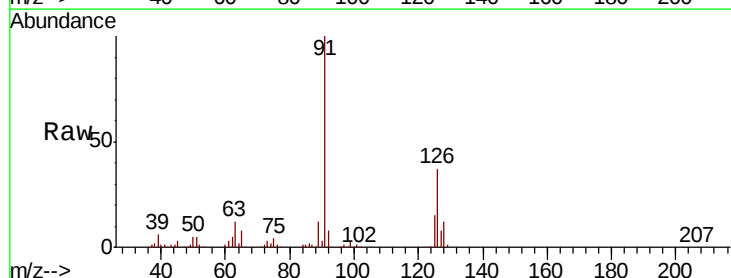
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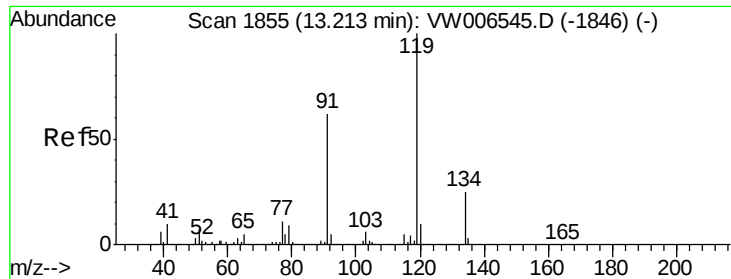
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#82
4-Chlorotoluene
Concen: 20.636 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.5	55.5





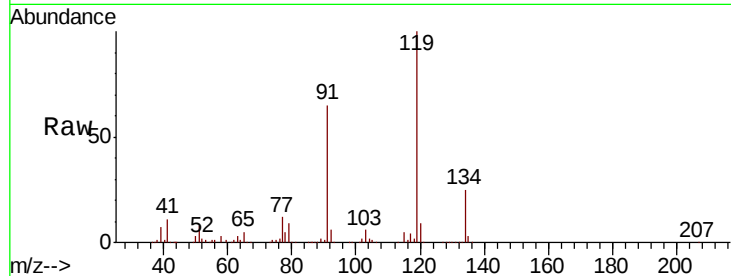
#83
tert-Butylbenzene
Concen: 20.977 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.2	30.4	91.3
134	26.9	13.5	40.4

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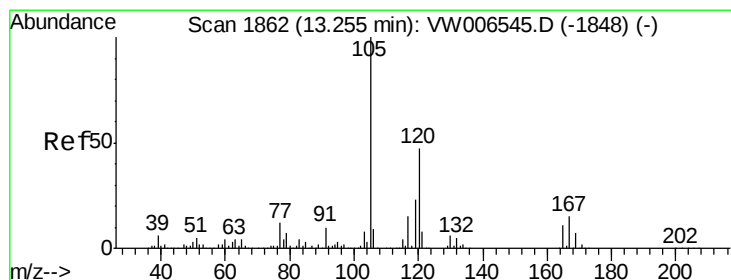
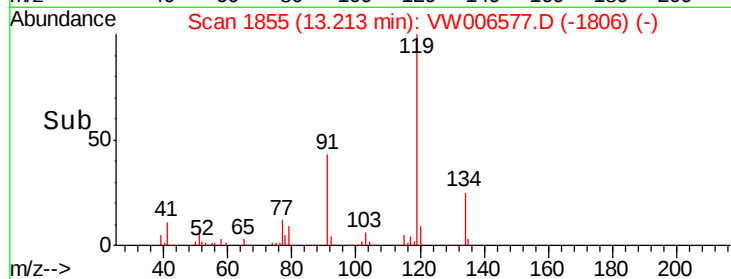
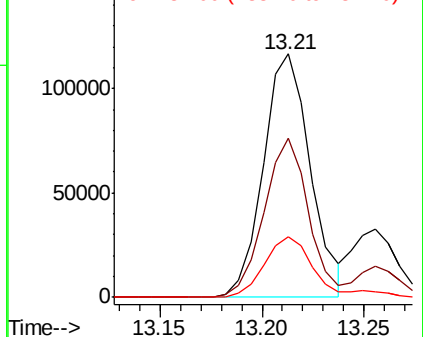


Abundance

Ion 119.00 (118.70 to 119.70): V

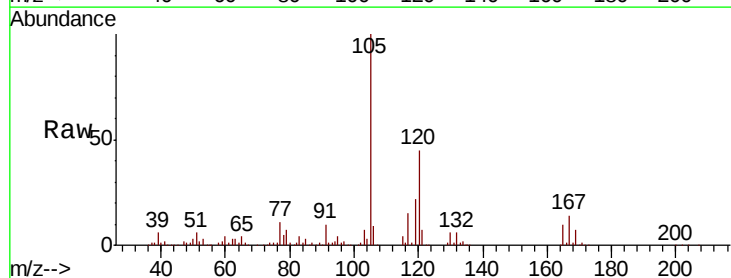
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 21.221 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

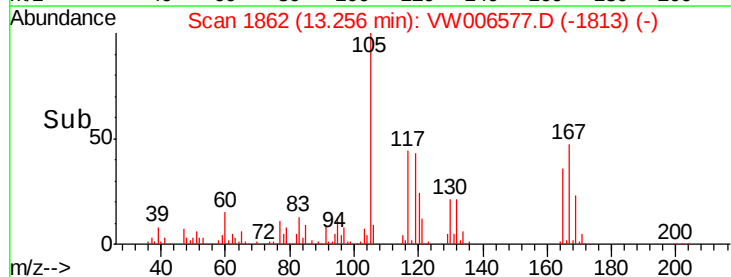
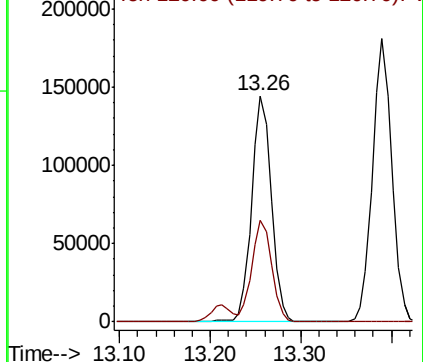
Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.2	69.6

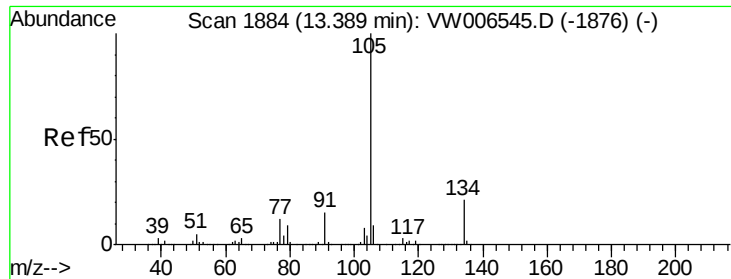


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





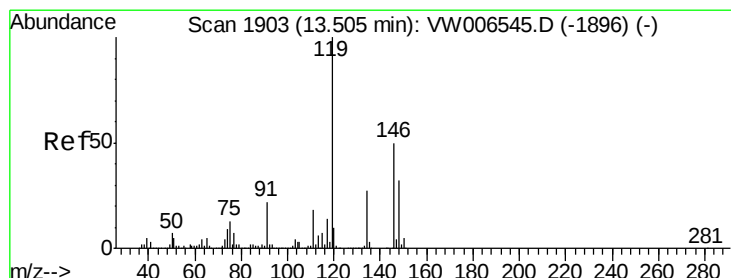
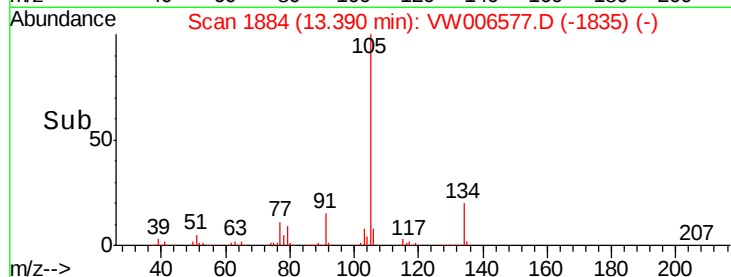
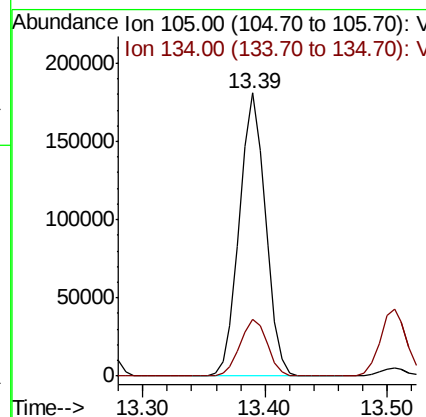
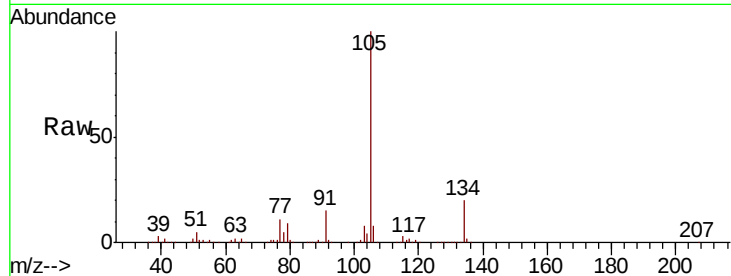
#85
 sec-Butylbenzene
 Concen: 21.310 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.6	31.8

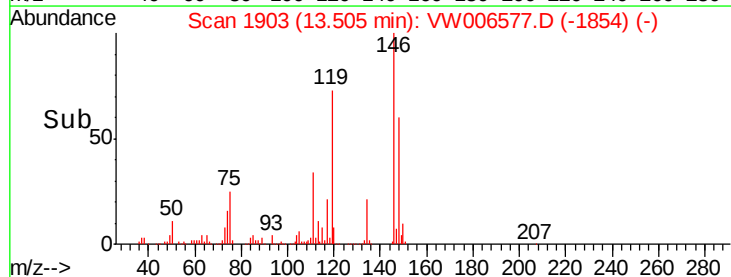
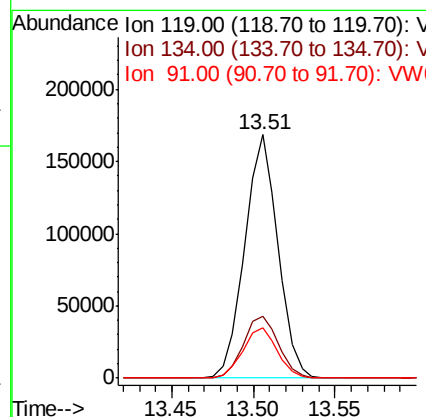
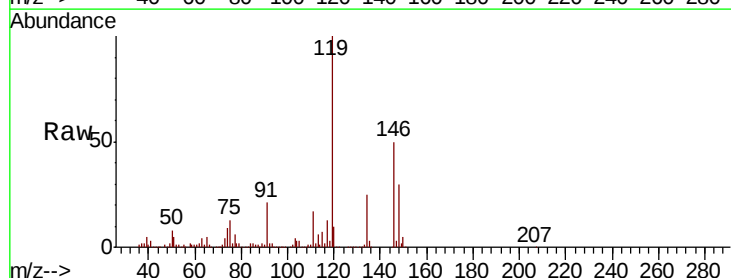
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#86
 p-Isopropyltoluene
 Concen: 20.975 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.6	40.7
91	21.6	10.9	32.6





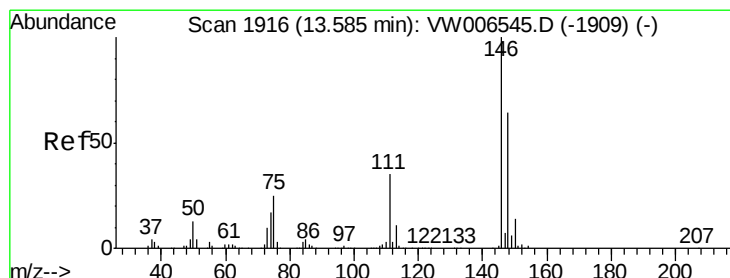
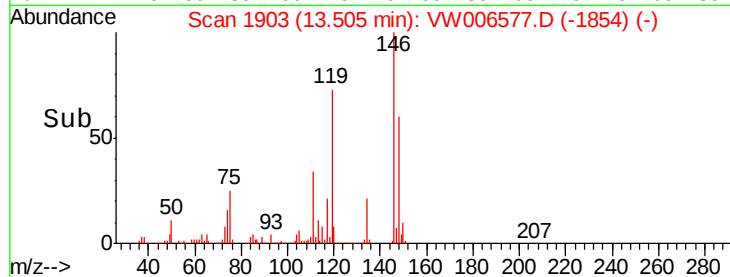
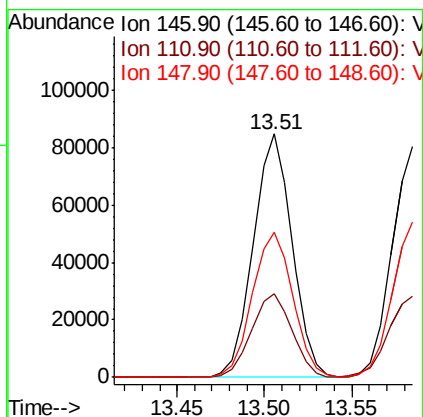
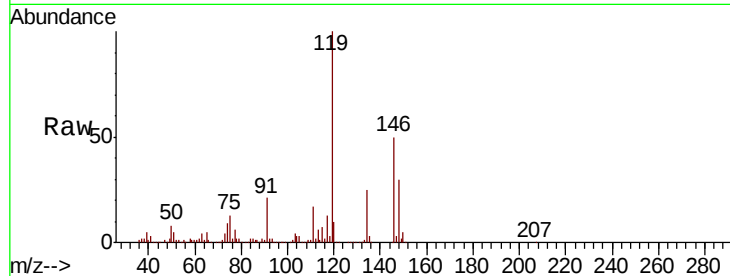
#87
 1,3-Dichlorobenzene
 Concen: 21.469 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.6	55.6
148	62.2	32.1	96.3

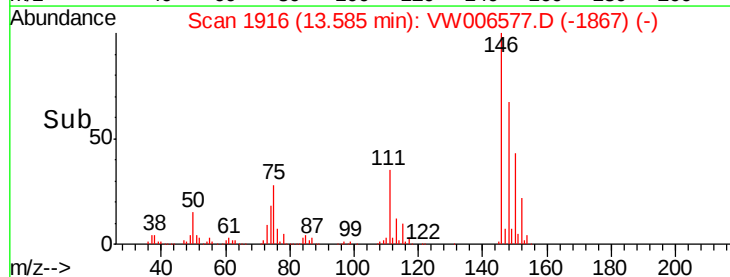
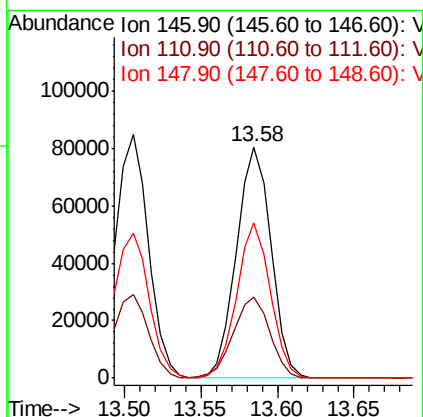
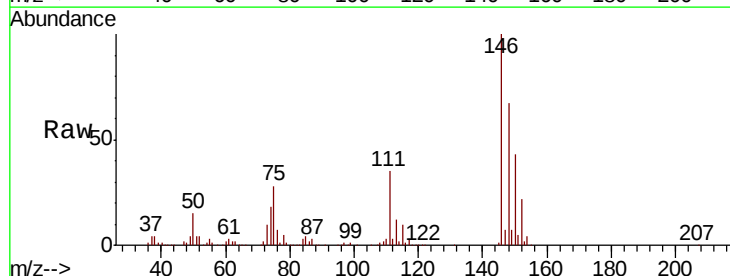
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#88
 1,4-Dichlorobenzene
 Concen: 21.032 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	17.9	53.7
148	65.1	32.1	96.5





#89

n-Butylbenzene

Concen: 20.559 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

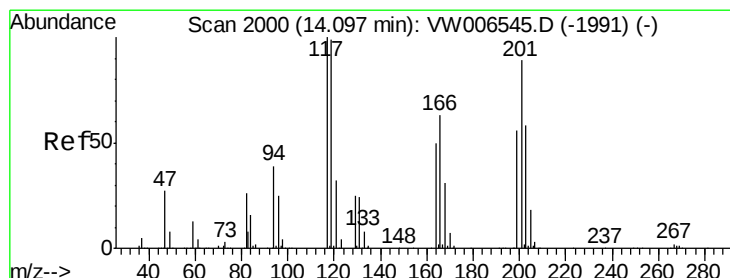
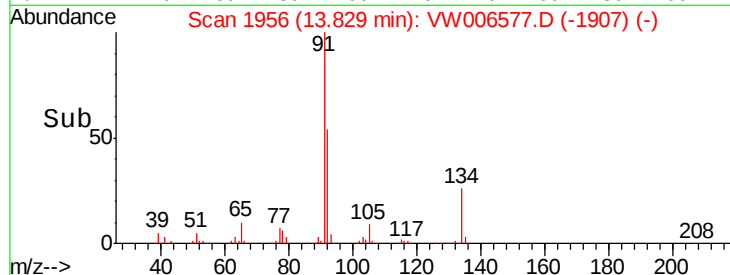
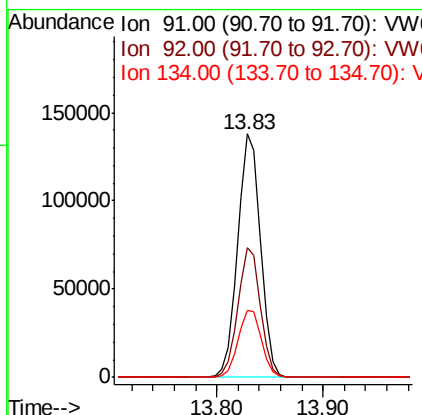
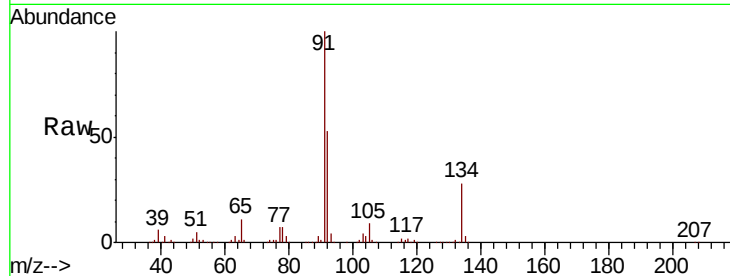
ClientSampleId :

VW110318SBS01

Tot Ion:	91	Resp:	207879
Ion Ratio	Lower	Upper	
91	100		
92	52.6	26.4	79.0
134	28.0	14.3	42.9

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#90

Hexachloroethane

Concen: 21.392 ug/l

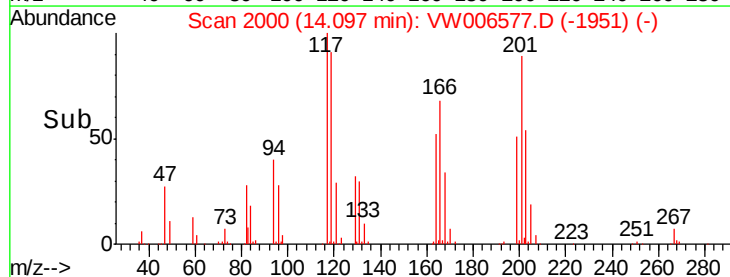
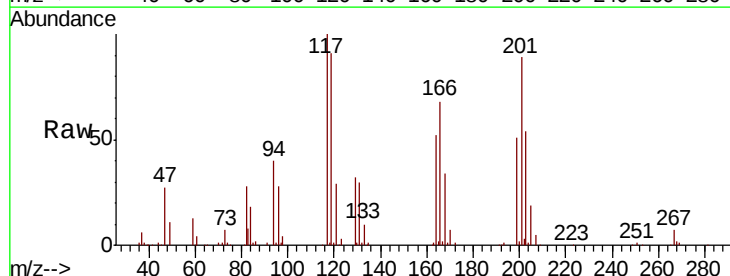
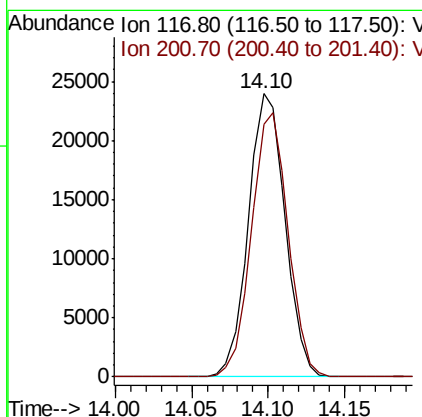
RT: 14.10 min Scan# 2000

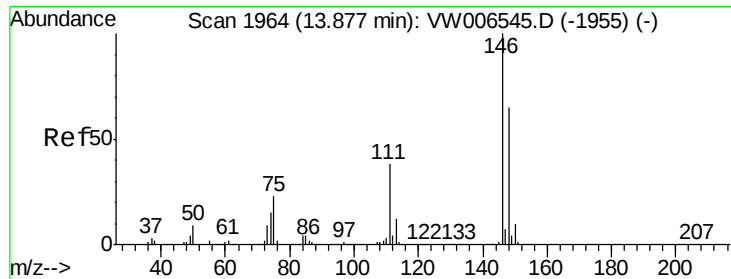
Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Tgt Ion:	117	Resp:	40048
Ion Ratio	Lower	Upper	
117	100		
201	92.9	46.8	140.3





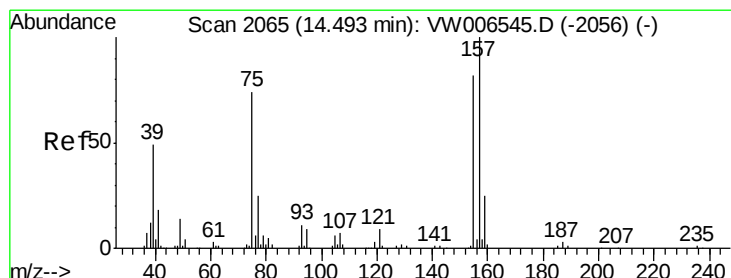
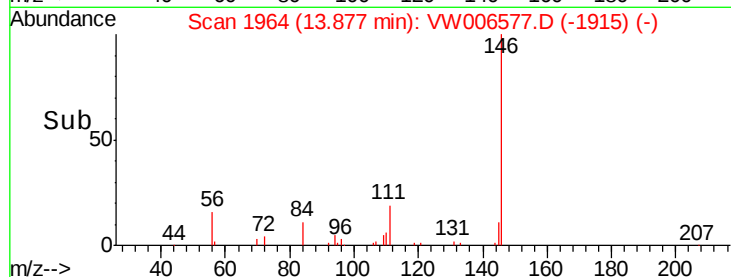
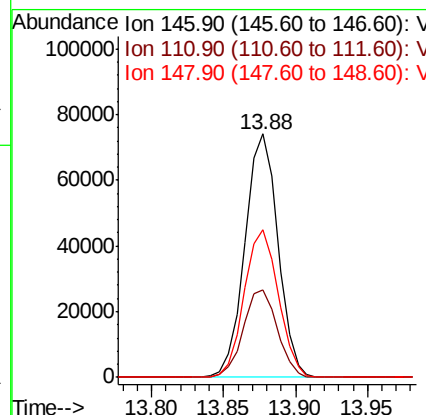
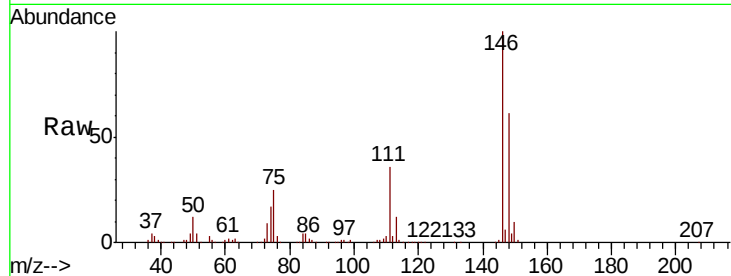
#91
 1,2-Dichlorobenzene
 Concen: 21.525 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.5
148	62.5	32.0	96.0

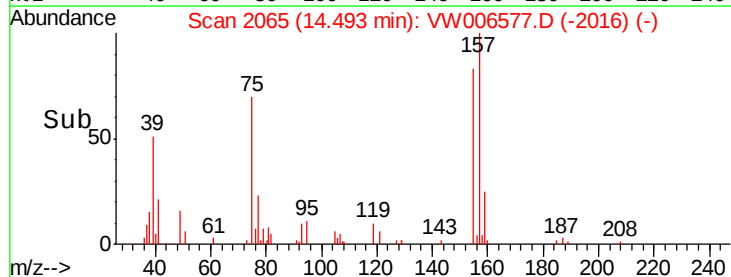
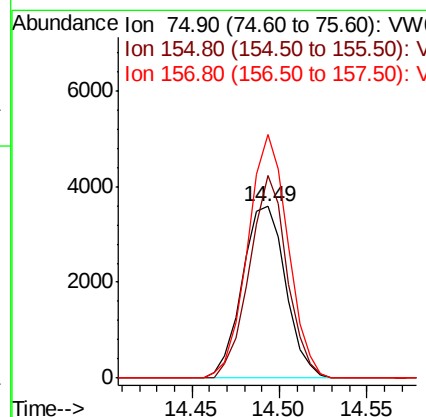
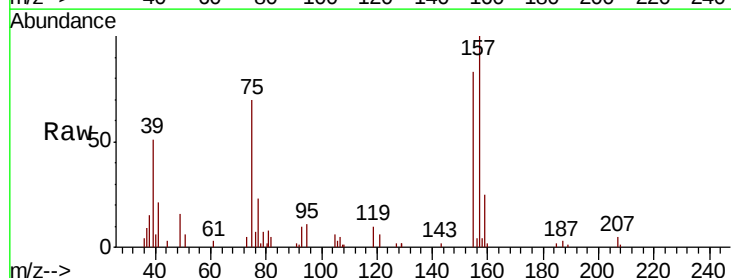
Manual Integrations
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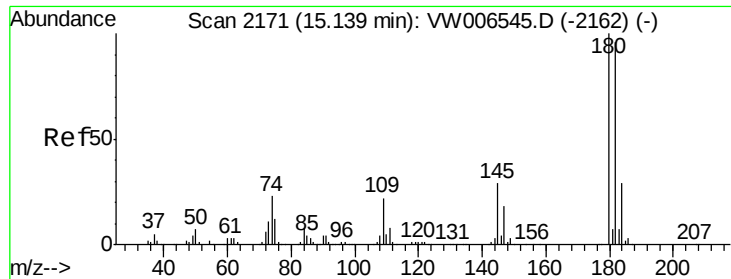
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.347 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.0	50.6	151.8
157	130.9	65.0	195.0





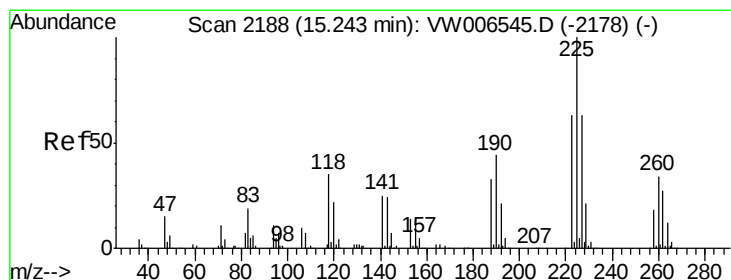
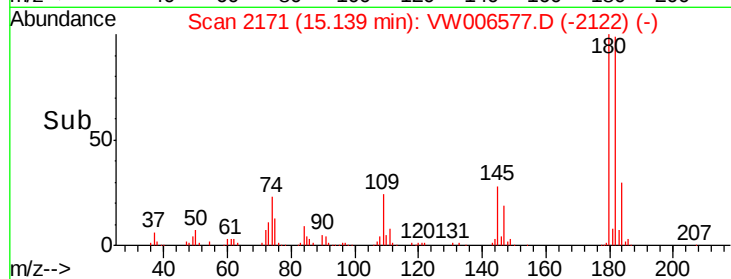
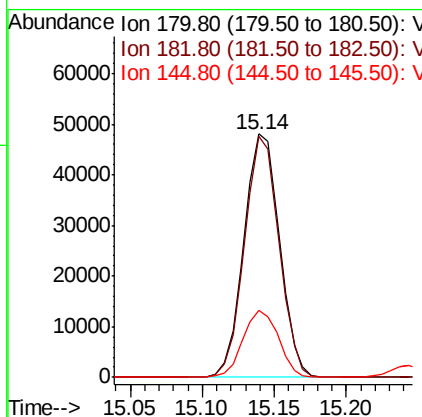
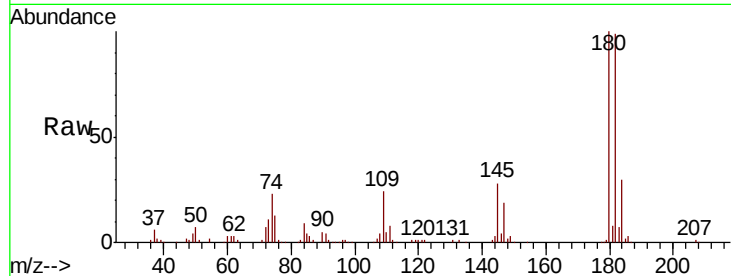
#93
1,2,4-Trichlorobenzene
Concen: 20.201 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.5	142.6
145	27.5	14.0	42.0

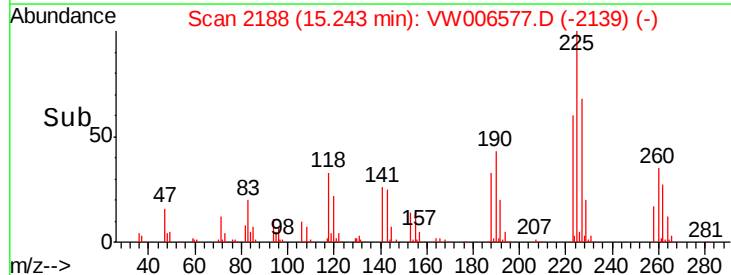
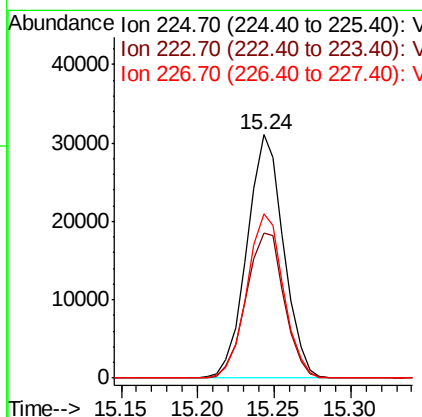
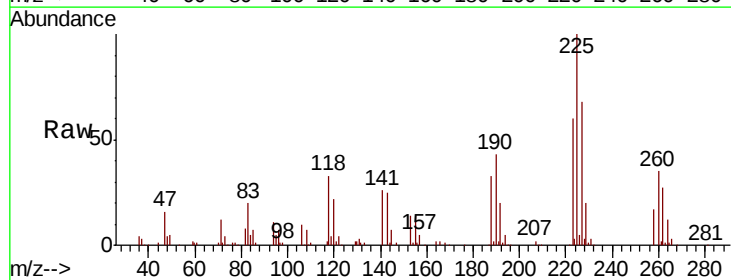
Manual Integrations
APPROVED

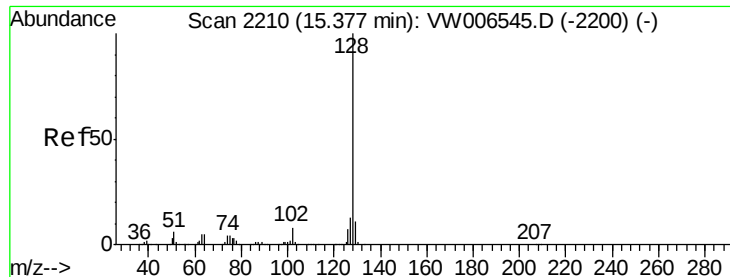
apatel
11/2/2018 1:01:28 PM



#94
Hexachlorobutadiene
Concen: 20.349 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.2
227	67.2	32.2	96.6





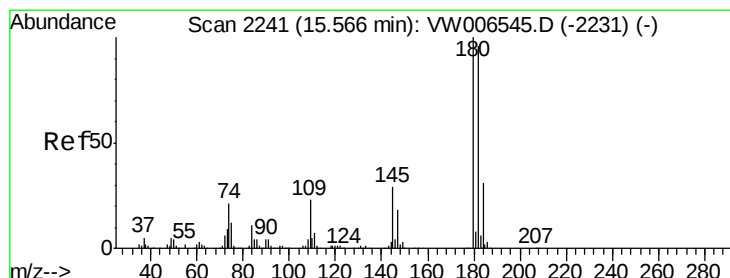
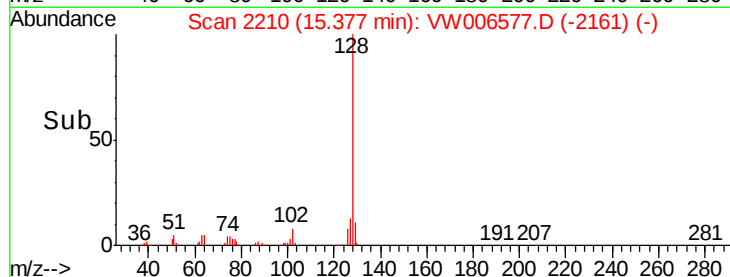
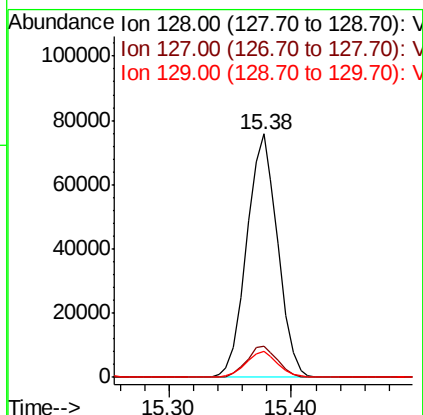
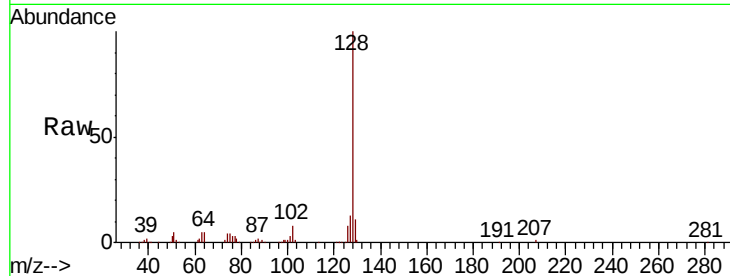
#95
Naphthalene
Concen: 20.338 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
11/2/2018 1:01:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.172 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	48.2	144.6
145	29.6	14.9	44.5

