

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006554.D
 Acq On : 01 Nov 2018 13:05
 Operator : SY/AP
 Sample : VW1102SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

Manual Integrations
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 11/2/2018 3:20:57 PM

Quant Time: Nov 01 13:41:03 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	298899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	413155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	208813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117408	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
35) Dibromofluoromethane	7.89	113	126998	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	10.33	98	490341	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.62	95	173925	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34700	22.395	ug/l	96
3) Chloromethane	2.21	50	40576	21.165	ug/l	100
4) Vinyl Chloride	2.37	62	58337	21.793	ug/l	97
5) Bromomethane	2.78	94	47439	21.116	ug/l	98
6) Chloroethane	2.93	64	37906	20.266	ug/l	99
7) Trichlorofluoromethane	3.26	101	53676	22.706	ug/l	98
8) Diethyl Ether	3.68	74	24578	19.020	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	55080	21.820	ug/l	100
10) Methyl Iodide	4.26	142	91071	19.898	ug/l	99
11) Tert butyl alcohol	5.20	59	13265	95.823	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	50885	20.871	ug/l	98
13) Acrolein	3.89	56	17874	102.659	ug/l	99
14) Allyl chloride	4.67	41	65055	20.442	ug/l	99
15) Acrylonitrile	5.37	53	44415	95.860	ug/l	99
16) Acetone	4.13	43	54444	131.249	ug/l	99
17) Carbon Disulfide	4.38	76	148012	21.334	ug/l	99
18) Methyl Acetate	4.68	43	22051	18.487	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	70711	19.485	ug/l	96
20) Methylene Chloride	4.91	84	54370	16.185	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	56403	20.445	ug/l	97
22) Diisopropyl ether	6.32	45	130111	19.611	ug/l	99
23) Vinyl Acetate	6.26	43	360157	97.890	ug/l	98
24) 1,1-Dichloroethane	6.22	63	89221	19.842	ug/l	99
25) 2-Butanone	7.18	43	63273	106.894	ug/l	99
26) 2,2-Dichloropropane	7.17	77	62045	22.906	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	60812	19.703	ug/l	99
28) Bromochloromethane	7.51	49	32742	18.338	ug/l	99
29) Tetrahydrofuran	7.54	42	34727	93.275	ug/l	99
30) Chloroform	7.68	83	95614	19.395	ug/l	96
31) Cyclohexane	7.96	56	85745	20.952	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	86952	20.844	ug/l	99
36) 1,1-Dichloropropene	8.09	75	77305	21.277	ug/l	99
37) Ethyl Acetate	7.26	43	24648	19.576	ug/l	98
38) Carbon Tetrachloride	8.07	117	83216	21.919	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102772	22.290	ug/l	99
40) Benzene	8.33	78	214919	20.826	ug/l	99
41) Methacrylonitrile	7.49	41	14065	18.217	ug/l	96
42) 1,2-Dichloroethane	8.40	62	59302	20.037	ug/l	99
43) Isopropyl Acetate	8.43	43	49716	19.787	ug/l	99
44) Trichloroethene	9.10	130	66769	20.966	ug/l	98
45) 1,2-Dichloropropane	9.37	63	49197	20.485	ug/l	99
46) Dibromomethane	9.46	93	27867	19.739	ug/l	100
47) Bromodichloromethane	9.65	83	65934	20.114	ug/l	99
48) Methyl methacrylate	9.44	41	23751	19.621	ug/l	99
49) 1,4-Dioxane	9.47	88	8557	414.160	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	124646	96.596	ug/l	99
52) Toluene	10.39	92	142314	20.560	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	64448	20.429	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	75803	20.333	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39564	19.751	ug/l	96
56) Ethyl methacrylate	10.65	69	44531	19.559	ug/l	99
57) 1,3-Dichloropropane	10.93	76	64748	19.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	109955	99.351	ug/l	99
59) 2-Hexanone	10.98	43	94388	107.698	ug/l	97
60) Dibromochloromethane	11.13	129	46746	19.697	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38712	19.461	ug/l	99
64) Tetrachloroethene	10.87	164	59884	20.017	ug/l	98
65) Chlorobenzene	11.66	112	165679	20.979	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	57127	20.581	ug/l	99
67) Ethyl Benzene	11.74	91	282047	21.367	ug/l	100
68) m/p-Xylenes	11.84	106	224853	42.637	ug/l	100
69) o-Xylene	12.17	106	106066	21.126	ug/l	100
70) Styrene	12.19	104	167820	20.502	ug/l	99
71) Bromoform	12.35	173	28647	19.469	ug/l #	99
73) Isopropylbenzene	12.47	105	296148	21.529	ug/l	100
74) N-amyl acetate	12.28	43	46367	19.507	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	43682	20.106	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34199m	20.991	ug/l	
77) Bromobenzene	12.75	156	73862	20.739	ug/l	100
78) n-propylbenzene	12.81	91	344554	21.777	ug/l	100
79) 2-Chlorotoluene	12.90	91	191436	21.083	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	247677	21.432	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11457	19.903	ug/l	96
82) 4-Chlorotoluene	12.99	91	204222	21.259	ug/l	99
83) tert-Butylbenzene	13.21	119	222491	21.589	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	253227	21.363	ug/l	99
85) sec-Butylbenzene	13.39	105	315353	21.848	ug/l	100
86) p-Isopropyltoluene	13.51	119	286746	21.833	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	146278	20.855	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	146839	21.120	ug/l	99
89) n-Butylbenzene	13.83	91	260051	22.306	ug/l	99
90) Hexachloroethane	14.10	117	45955	21.290	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	129592	20.540	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6858	19.454	ug/l	98

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VW1102SBSD01

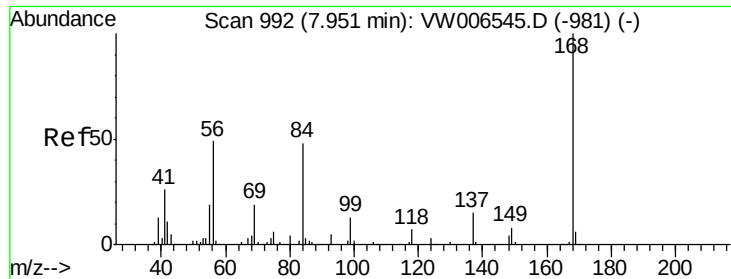
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	100027	21.322	ug/l	100
94) Hexachlorobutadiene	15.24	225	64140	21.937	ug/l	99
95) Naphthalene	15.38	128	150194	19.920	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	84889	20.589	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: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

Tot Ion:168 Resp: 298899

Ion Ratio Lower Upper

168 100

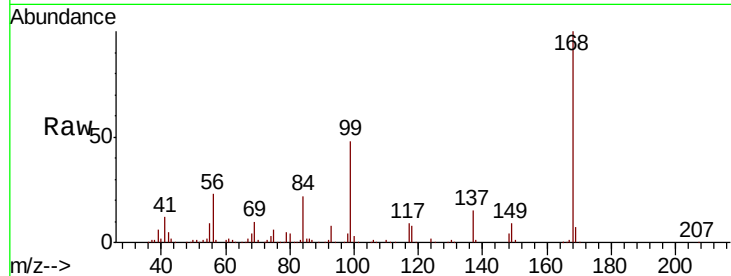
99 48.1 37.4 56.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

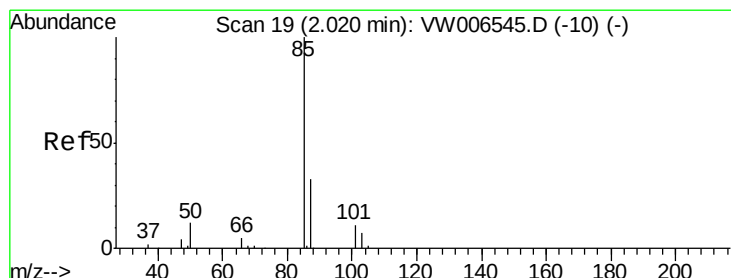
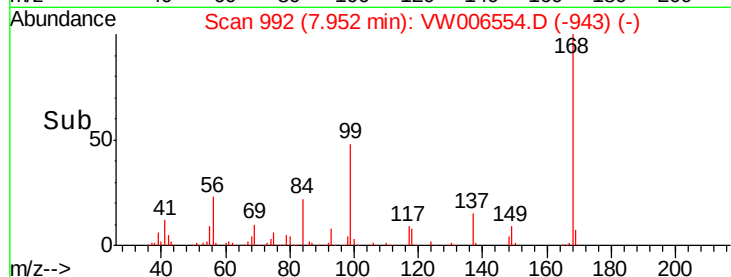
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.395 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006554.D

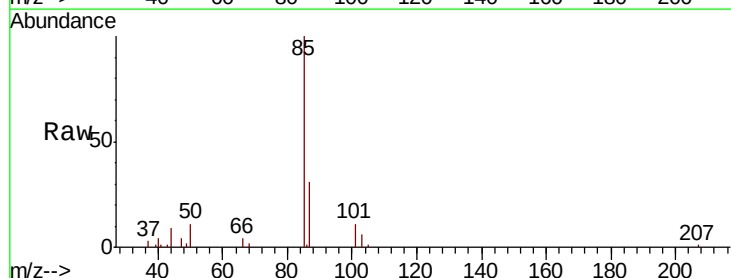
Acq: 01 Nov 2018 13:05

Tgt Ion: 85 Resp: 34700

Ion Ratio Lower Upper

85 100

87 31.5 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

12000

10000

8000

6000

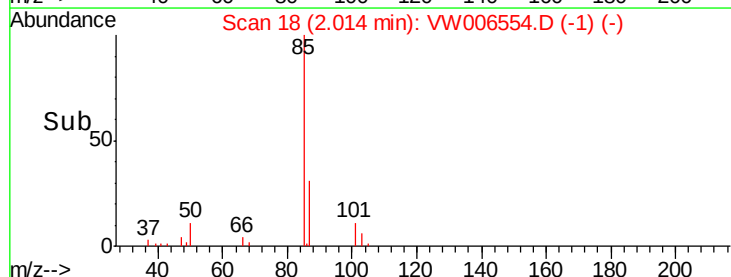
4000

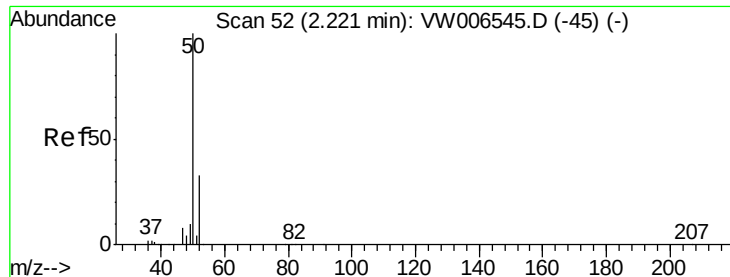
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 21.165 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

Tot Ion: 50 Resp: 40576

Ion Ratio Lower Upper

50 100

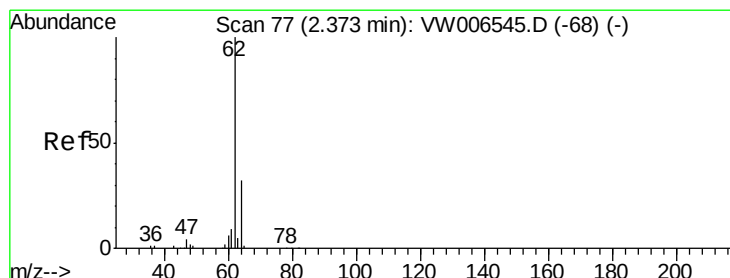
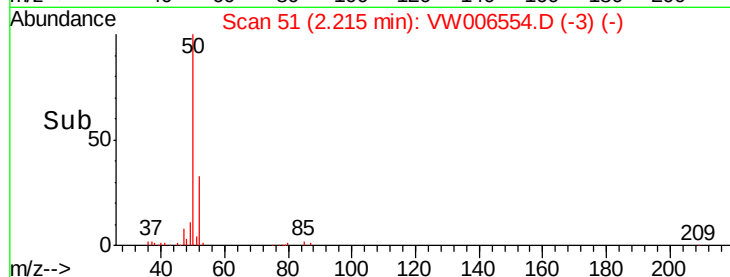
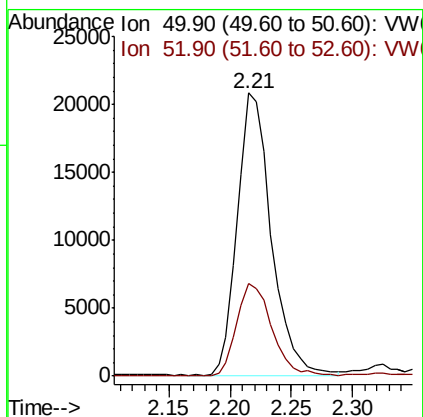
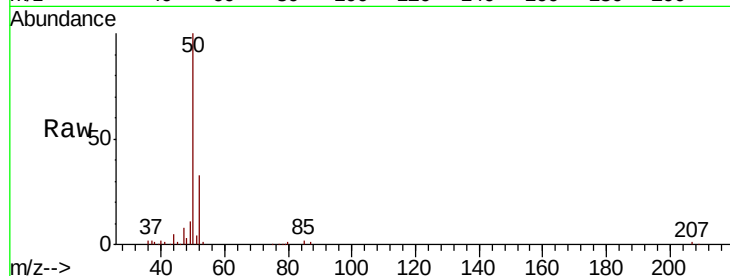
52 32.8 26.2 39.4

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#4

Vinyl Chloride

Concen: 21.793 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006554.D

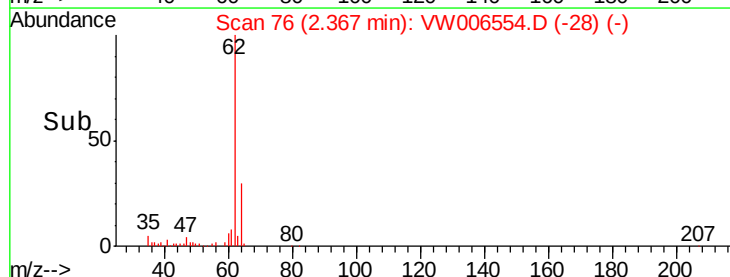
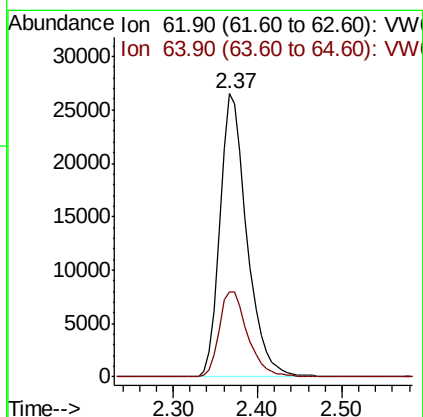
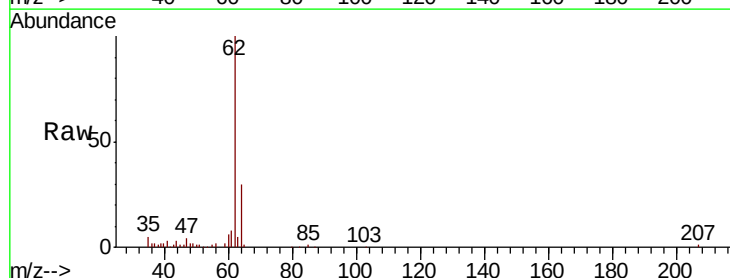
Acq: 01 Nov 2018 13:05

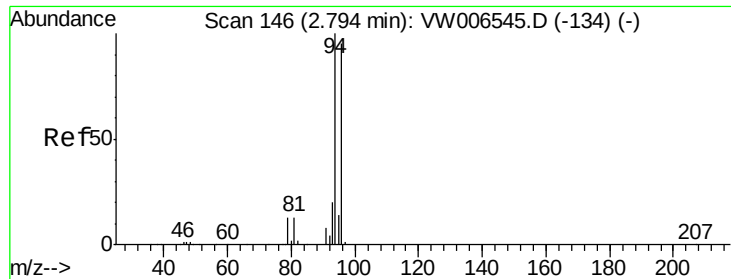
Tgt Ion: 62 Resp: 58337

Ion Ratio Lower Upper

62 100

64 29.9 25.4 38.0





#5

Bromomethane

Concen: 21.116 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

Tot Ion: 94 Resp: 47439

Ion Ratio Lower Upper

94 100

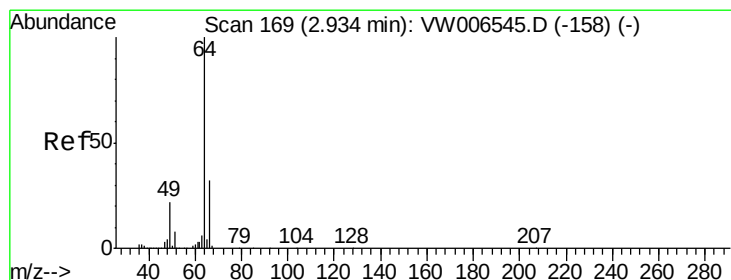
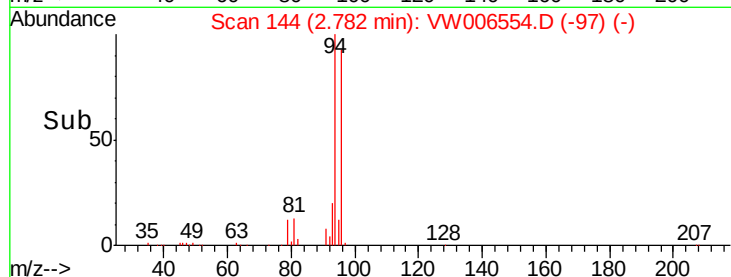
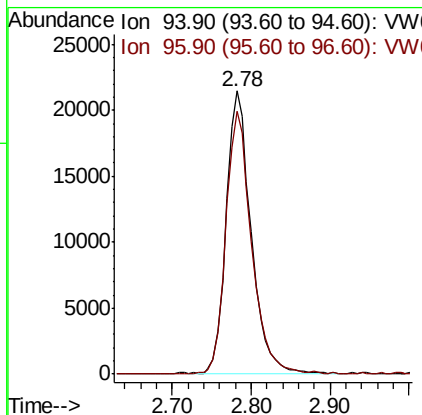
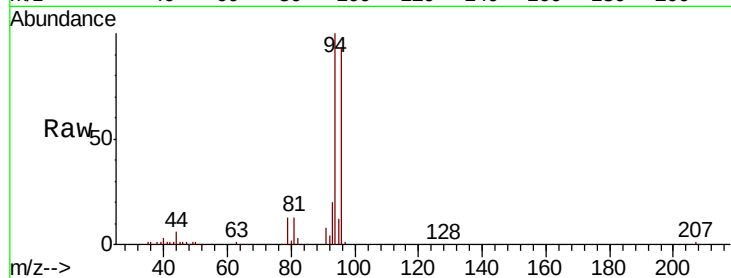
96 93.0 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 20.266 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006554.D

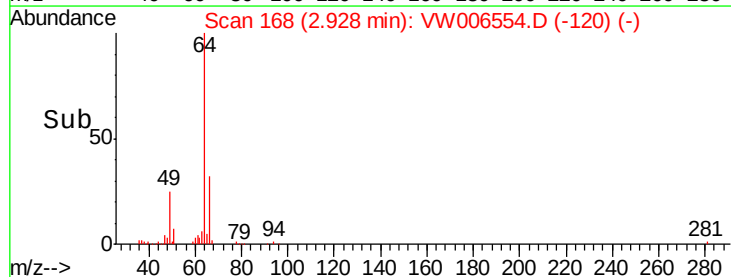
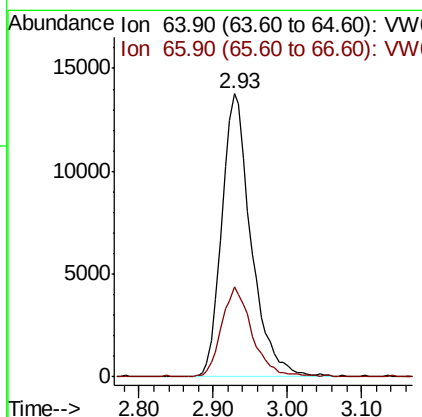
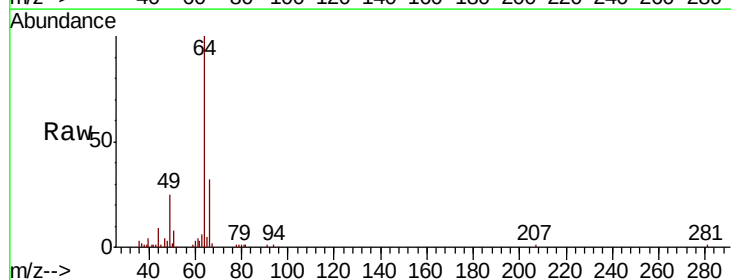
Acq: 01 Nov 2018 13:05

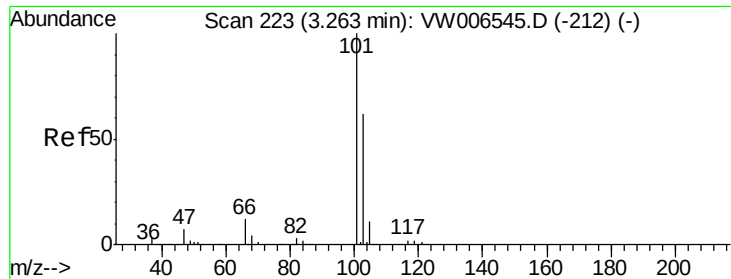
Tgt Ion: 64 Resp: 37906

Ion Ratio Lower Upper

64 100

66 31.8 25.9 38.9





#7

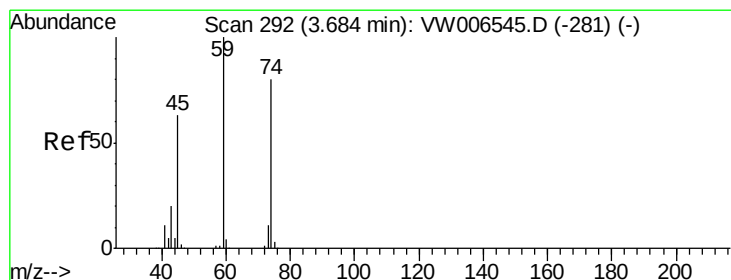
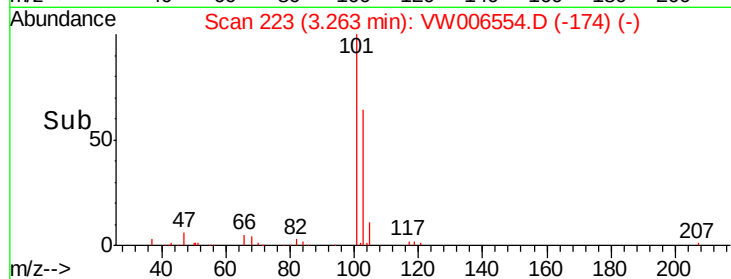
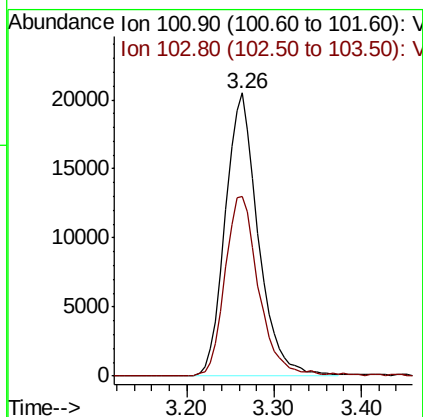
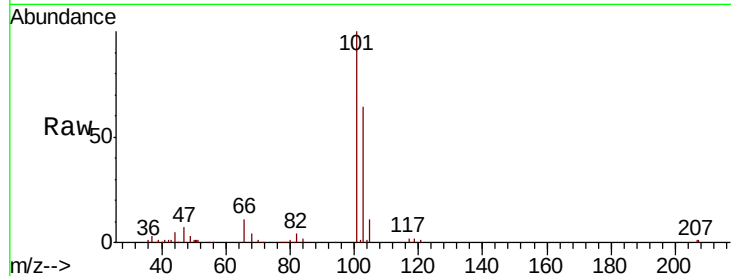
Trichlorofluoromethane
 Concen: 22.706 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Instrument :
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 ClientSampleId :
 VW1102SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	49.8	74.8

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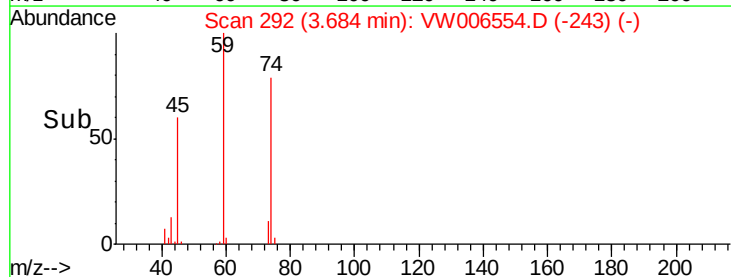
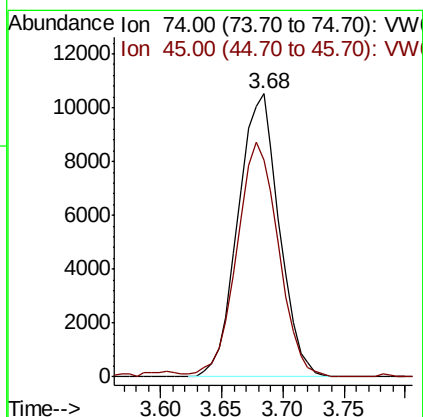
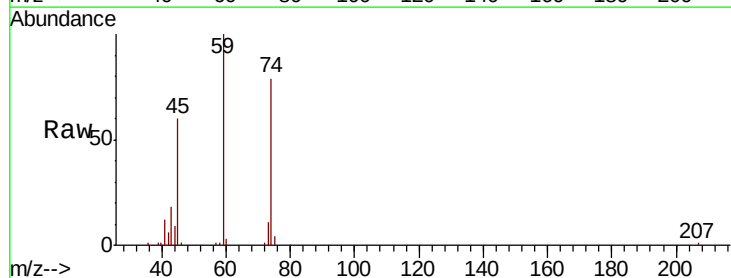
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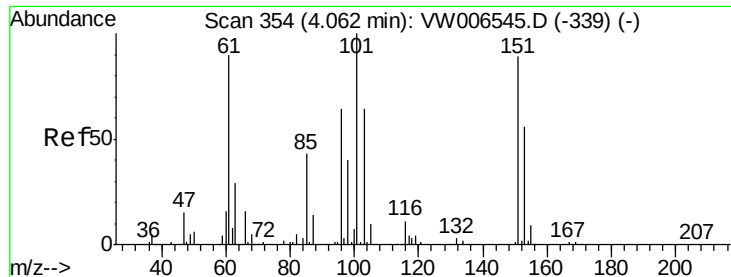


#8

Diethyl Ether
 Concen: 19.020 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.2	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.820 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

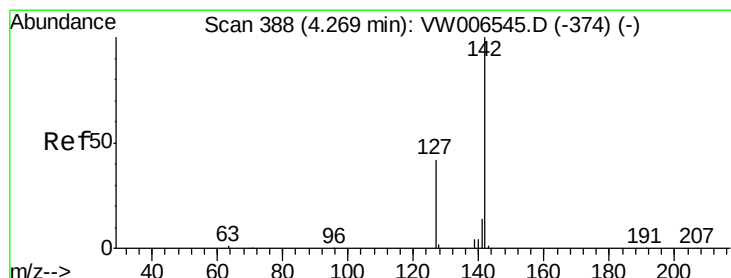
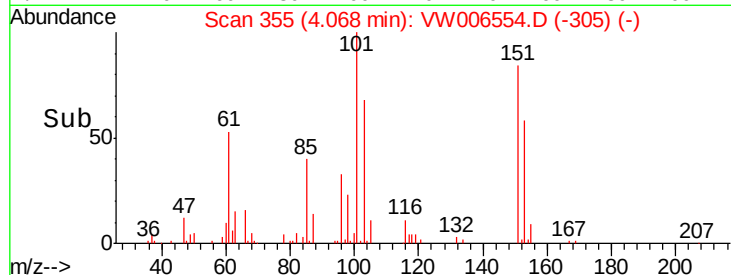
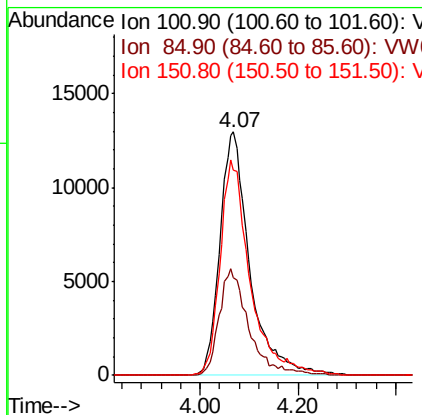
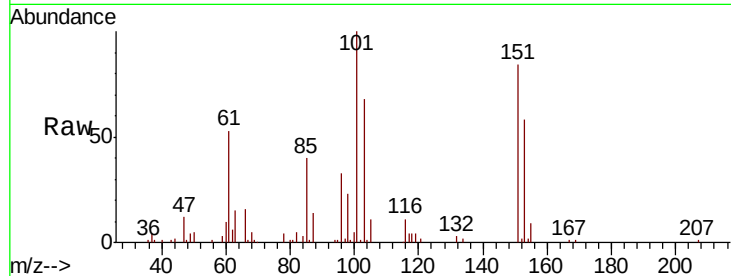
ClientSampleId :

VW1102SBSD01

Tot Ion:	101	Resp:	55080
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.2	51.2
151	88.6	70.7	106.1

Manual Integrations
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#10

Methyl Iodide

Concen: 19.898 ug/l

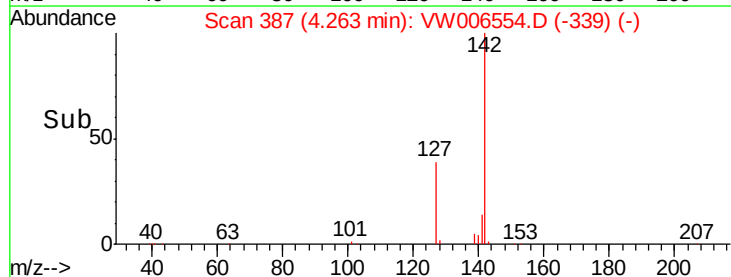
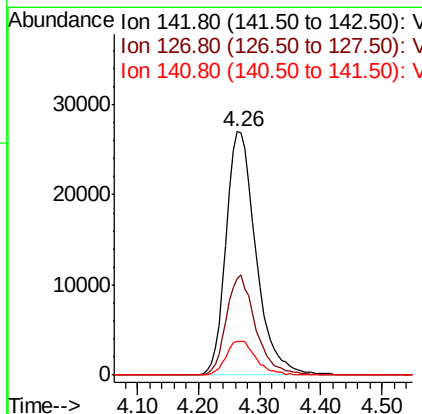
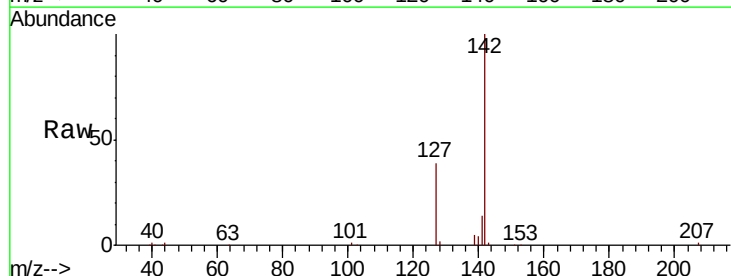
RT: 4.26 min Scan# 387

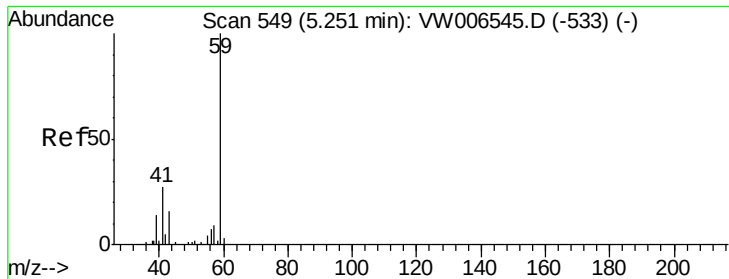
Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Tgt Ion:	142	Resp:	91071
Ion Ratio	Lower	Upper	
142	100		
127	39.9	32.3	48.5
141	14.1	11.3	16.9





#11

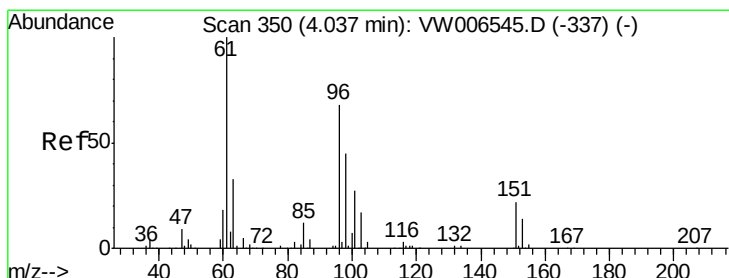
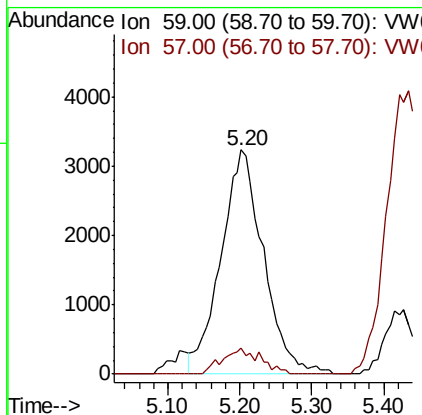
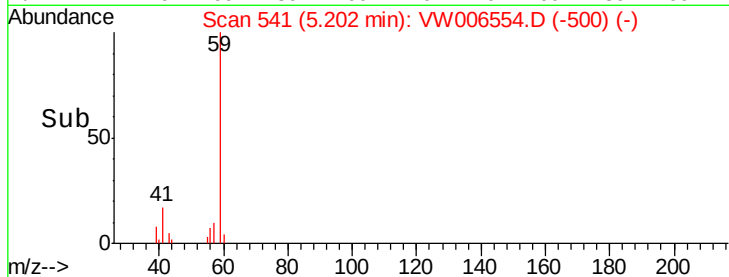
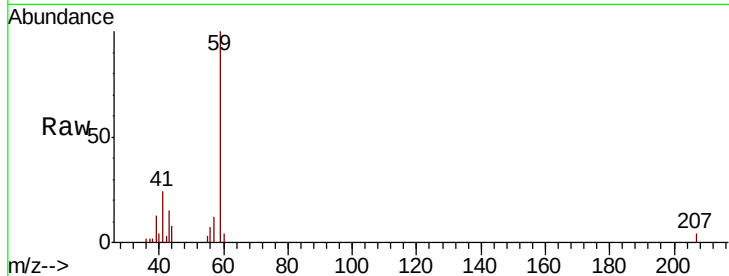
Tert butyl alcohol
Concen: 95.823 ug/l
RT: 5.20 min Scan# 541
Delta R.T. -0.05 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

Tot Ion	59	57	Ratio	100	7.7	Resp	13265	Lower	Upper
59	100								
57		7.7						4.3	6.5#

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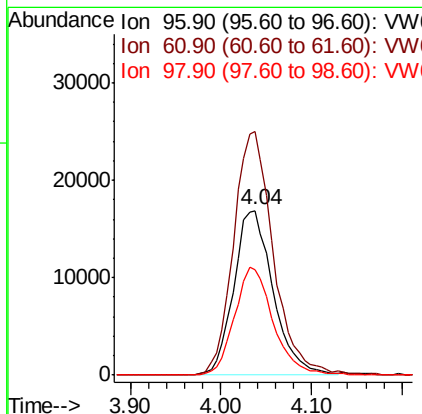
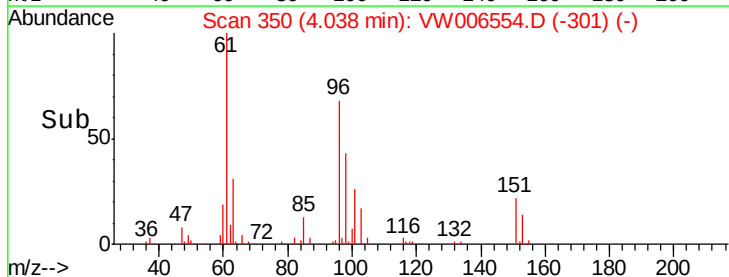
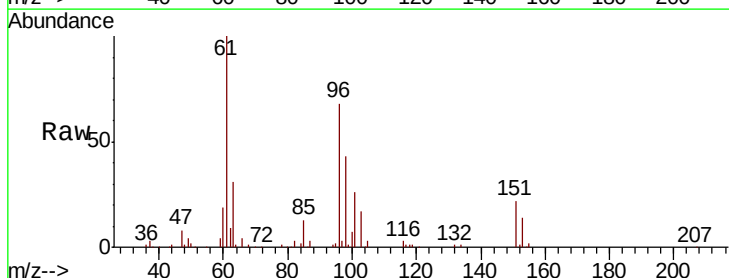
apatel
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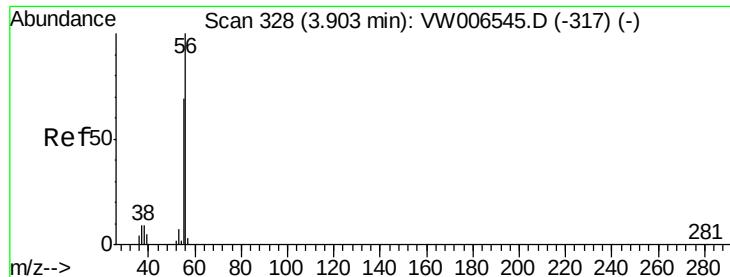


#12

1,1-Dichloroethene
Concen: 20.871 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion	96	61	98	Ratio	100	147.9	63.7	Resp	50885	Lower	Upper
96	100										
61		147.9								117.0	175.4
98		63.7								52.5	78.7





#13

Acrolein

Concen: 102.659 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

Tot Ion: 56 Resp: 17874

Ion Ratio Lower Upper

56 100

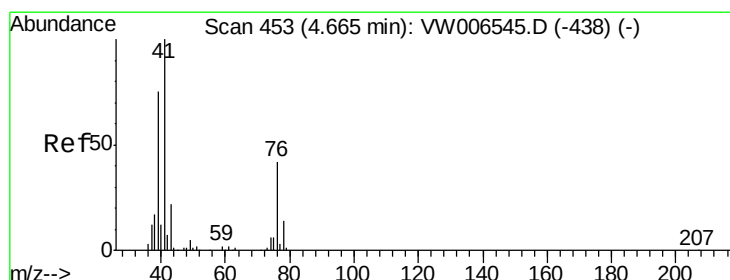
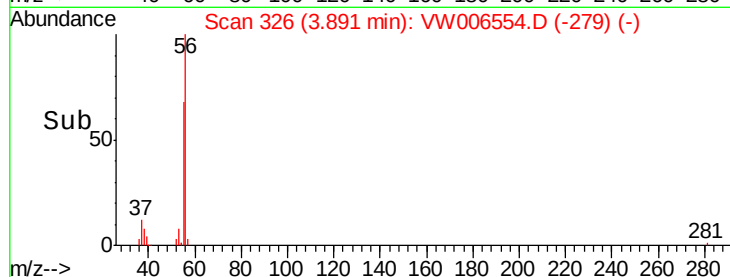
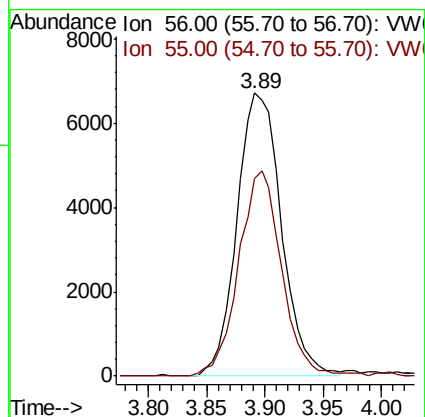
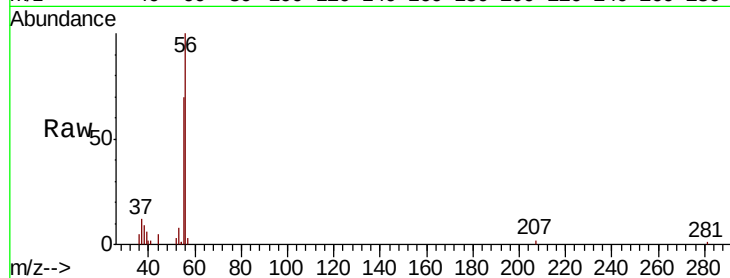
55 69.9 56.9 85.3

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#14

Allyl chloride

Concen: 20.442 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

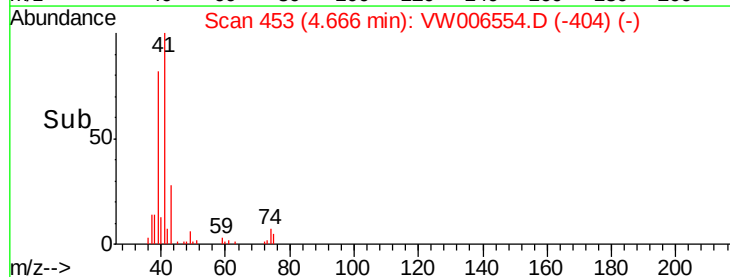
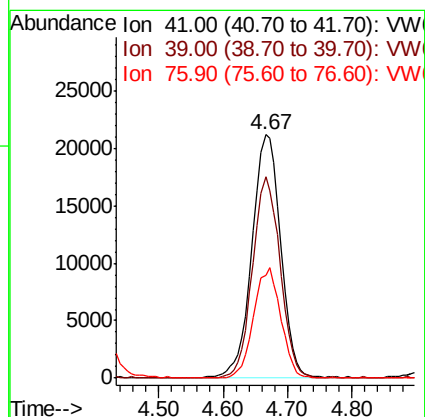
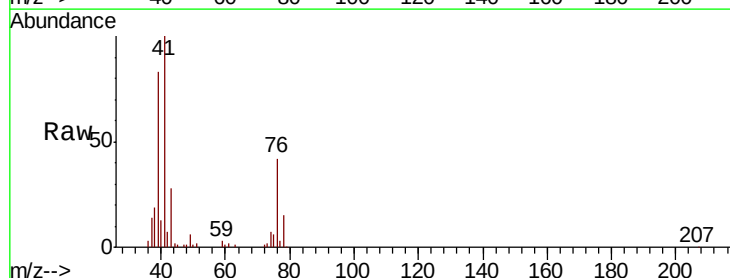
Tgt Ion: 41 Resp: 65055

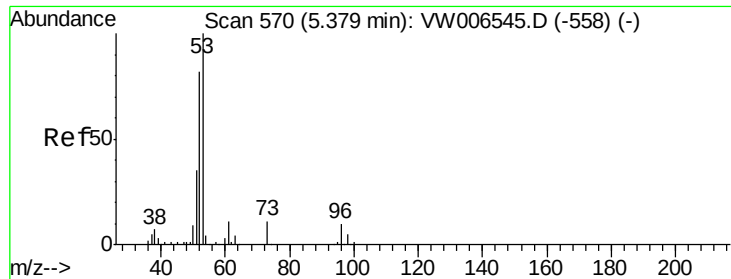
Ion Ratio Lower Upper

41 100

39 79.3 62.1 93.1

76 42.5 34.2 51.2





#15

Acrylonitrile

Concen: 95.860 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

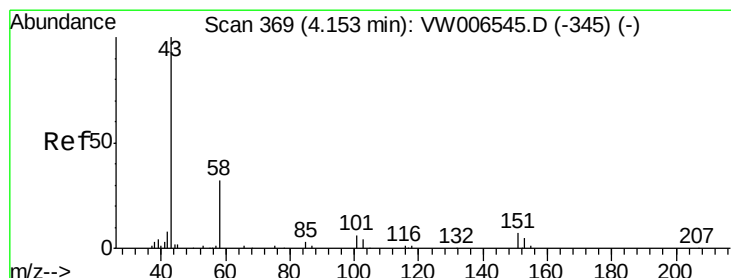
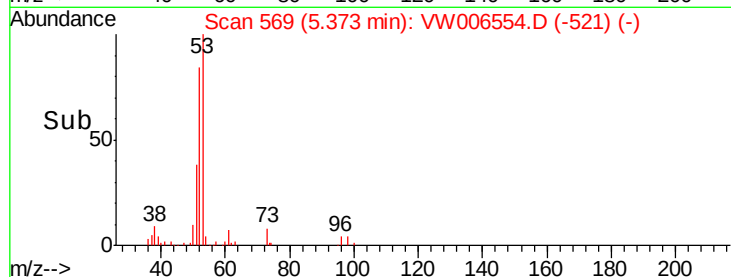
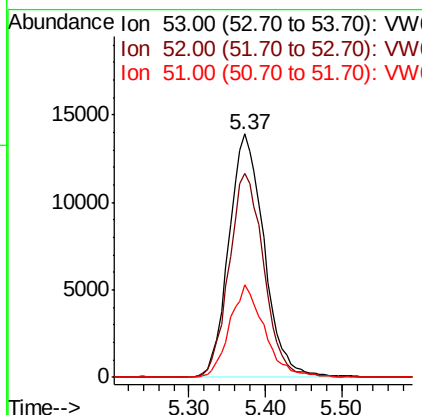
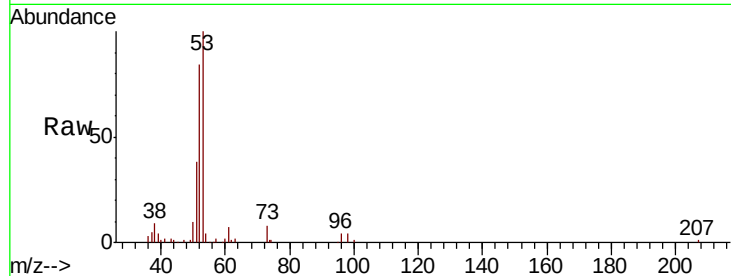
ClientSampleId :

VW1102SBSD01

Tot Ion:	53	Resp:	44415
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.8	98.8
51	37.5	29.6	44.4

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#16

Acetone

Concen: 131.249 ug/l

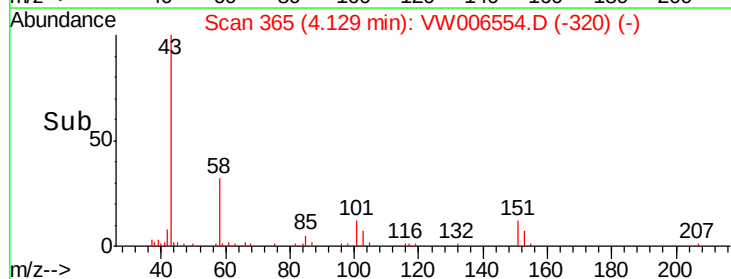
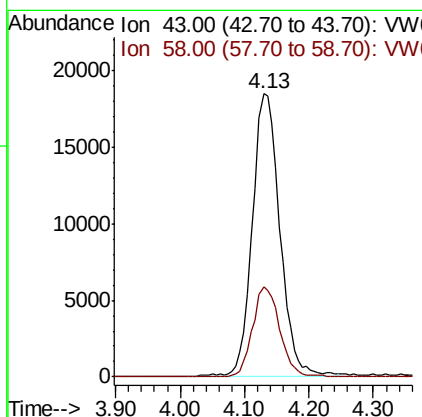
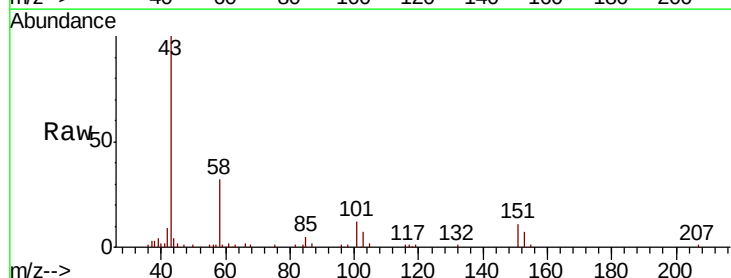
RT: 4.13 min Scan# 365

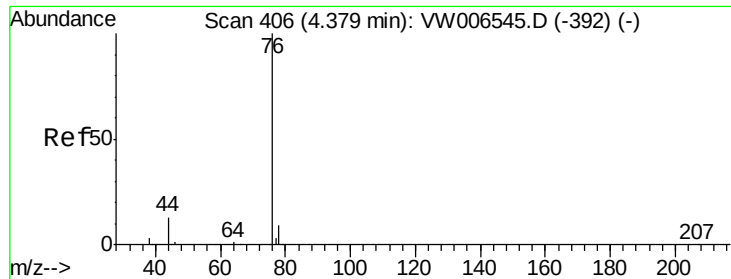
Delta R.T. -0.02 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Tgt Ion:	43	Resp:	54444
Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.8	38.8





#17

Carbon Disulfide

Concen: 21.334 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

Tot Ion: 76 Resp: 148012

Ion Ratio Lower Upper

76 100

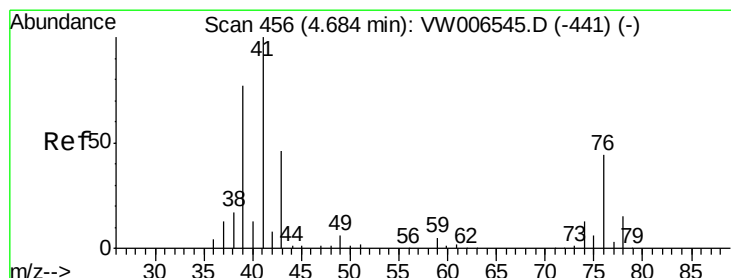
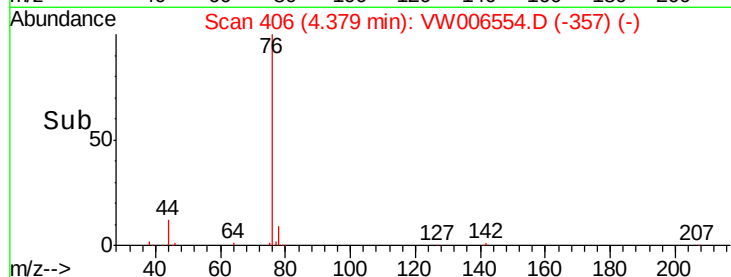
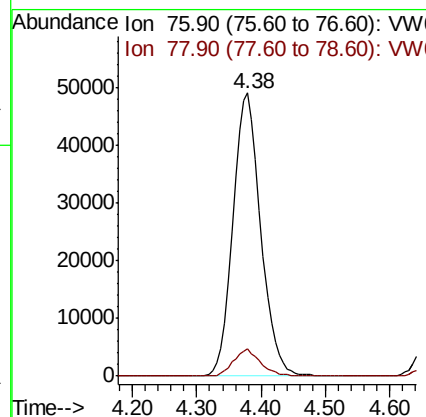
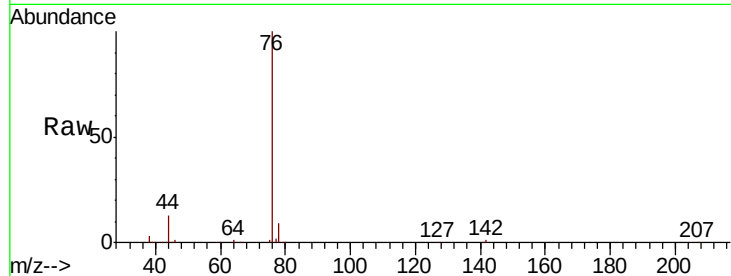
78 9.5 7.3 10.9

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#18

Methyl Acetate

Concen: 18.487 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006554.D

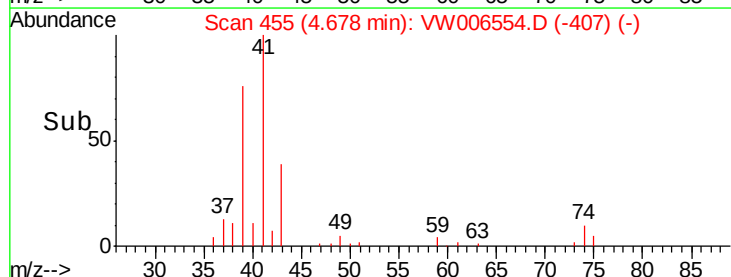
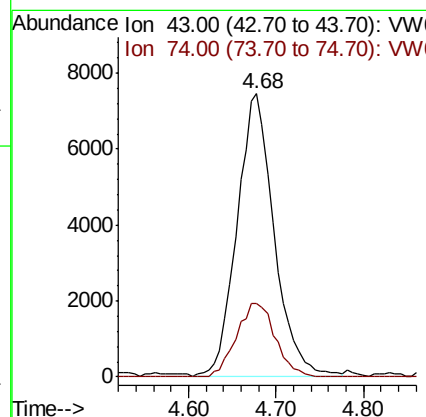
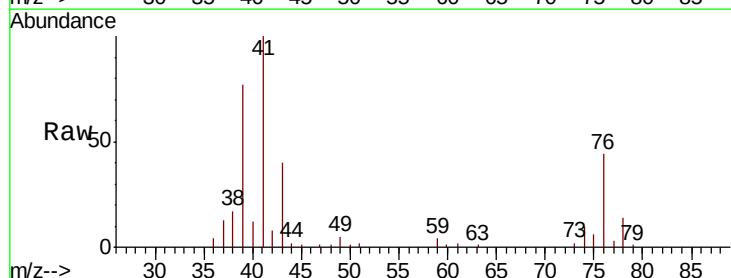
Acq: 01 Nov 2018 13:05

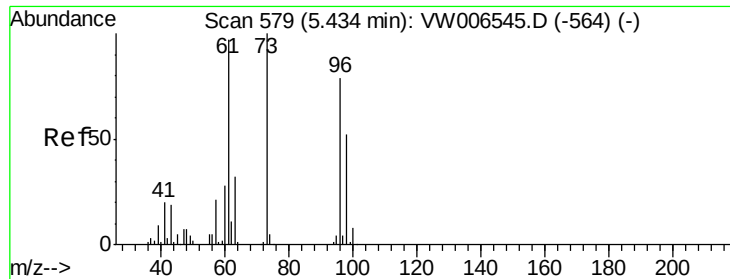
Tgt Ion: 43 Resp: 22051

Ion Ratio Lower Upper

43 100

74 27.0 21.9 32.9





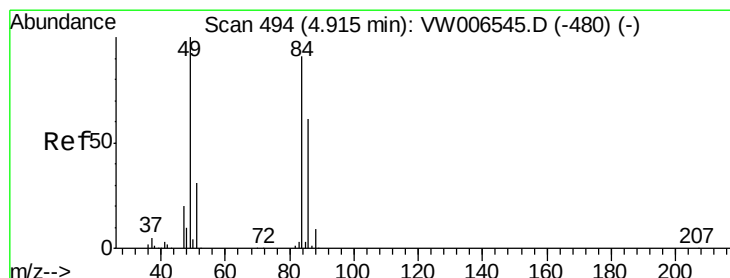
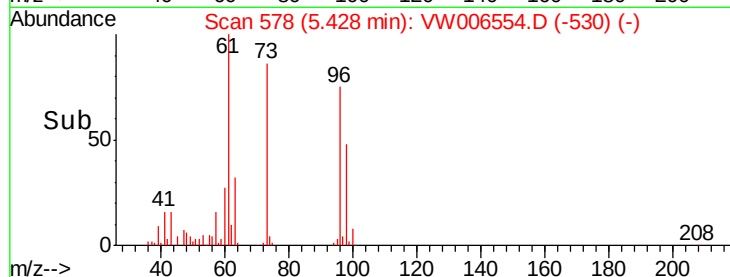
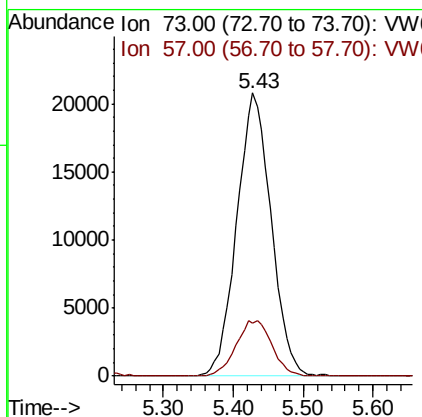
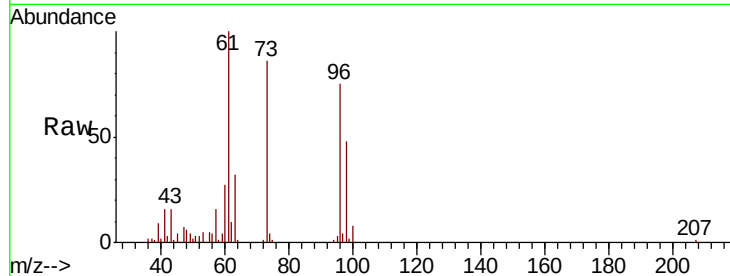
#19
Methyl tert-butyl Ether
Concen: 19.485 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

Tot Ion: 73 Resp: 70711
Ion Ratio Lower Upper
73 100
57 18.9 16.7 25.1

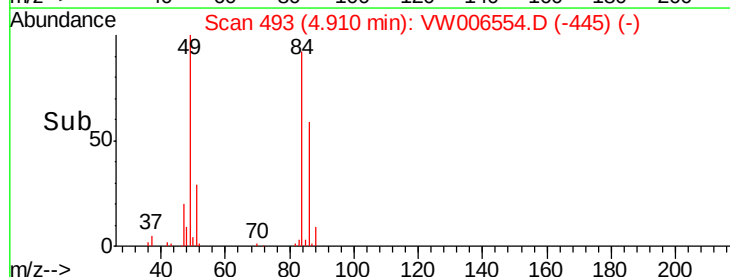
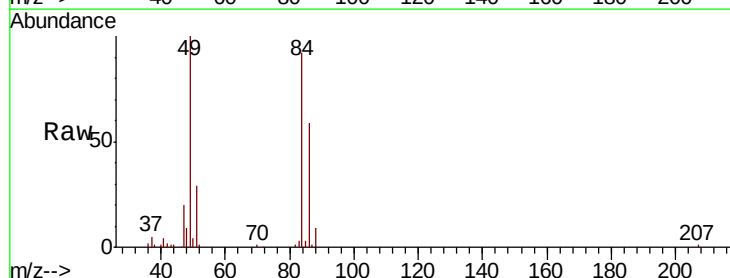
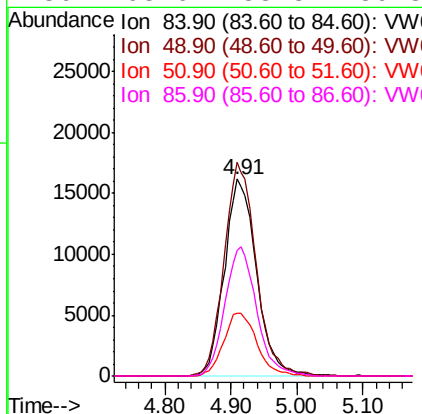
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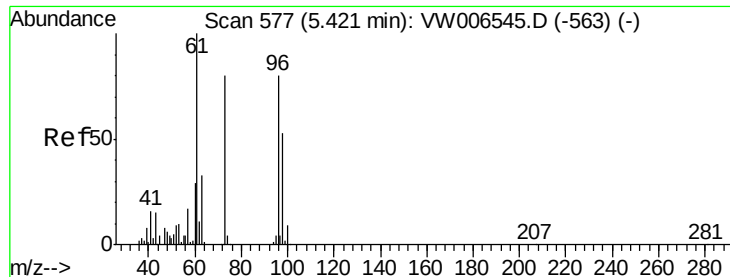
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#20
Methylene Chloride
Concen: 16.185 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion: 84 Resp: 54370
Ion Ratio Lower Upper
84 100
49 108.5 88.2 132.4
51 31.9 27.0 40.6
86 63.6 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 20.445 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

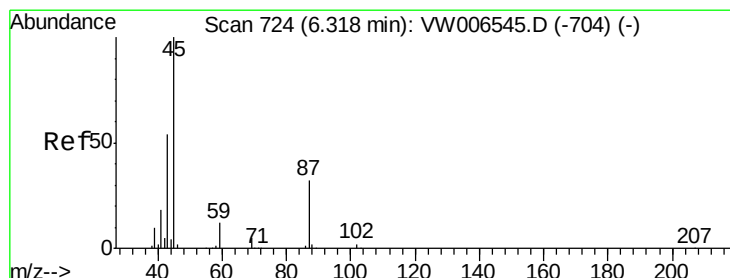
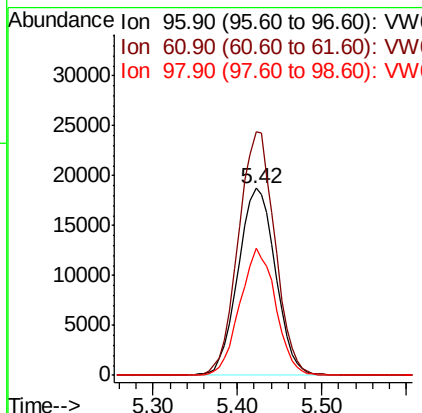
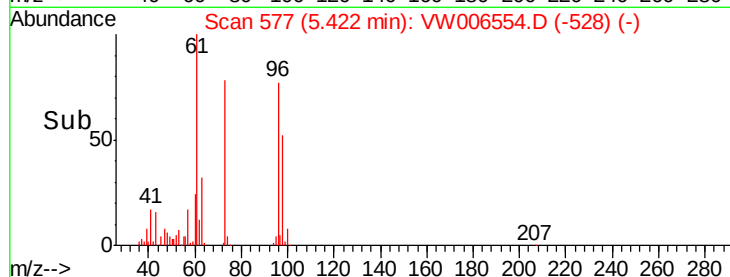
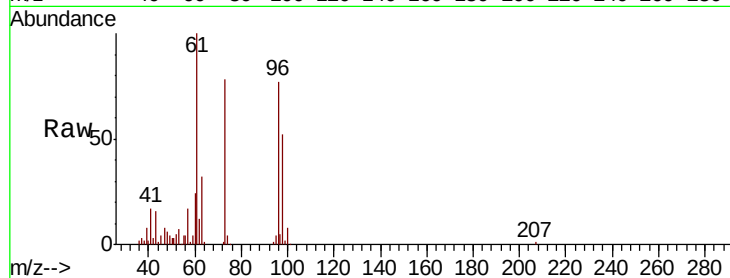
ClientSampleId :

VW1102SBSD01

Tot Ion:	96	Resp:	56403
Ion	Ratio	Lower	Upper
96	100		
61	130.4	100.6	150.8
98	67.9	52.9	79.3

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#22

Diisopropyl ether

Concen: 19.611 ug/l

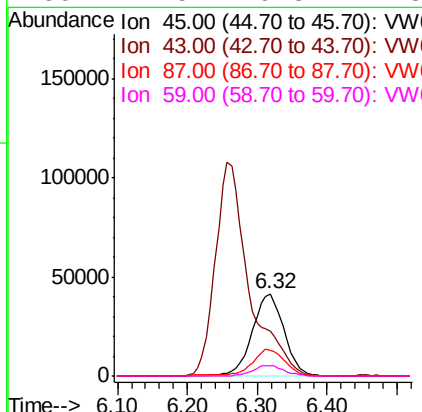
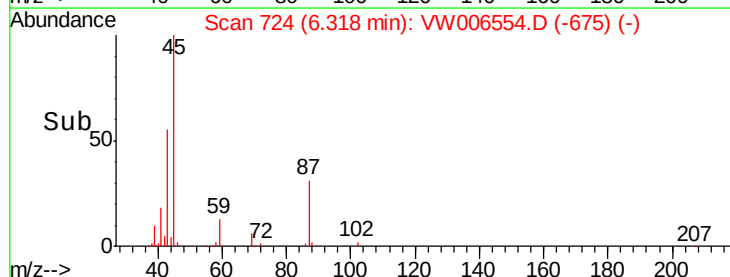
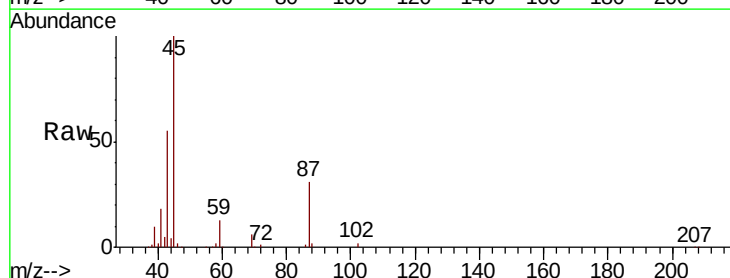
RT: 6.32 min Scan# 724

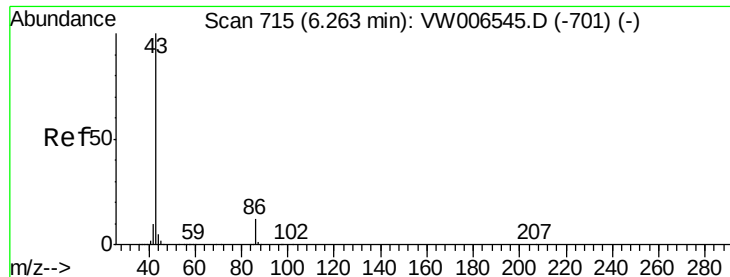
Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Tgt Ion:	45	Resp:	130111
Ion	Ratio	Lower	Upper
45	100		
43	54.2	43.6	65.4
87	31.2	26.3	39.5
59	12.5	9.8	14.8





#23

Vinyl Acetate

Concen: 97.890 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

Tot Ion: 43 Resp: 360157

Ion Ratio Lower Upper

43 100

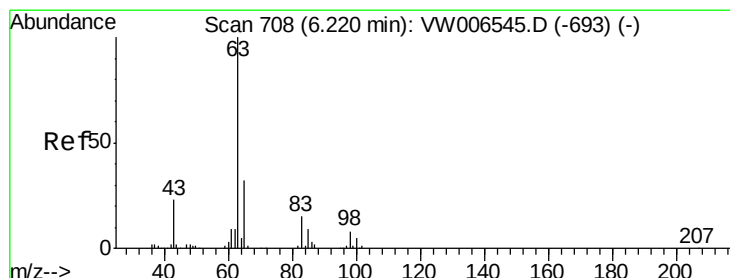
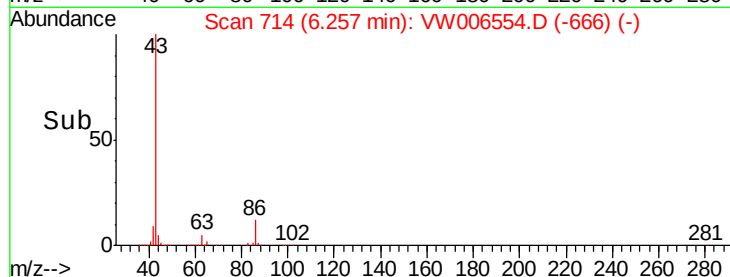
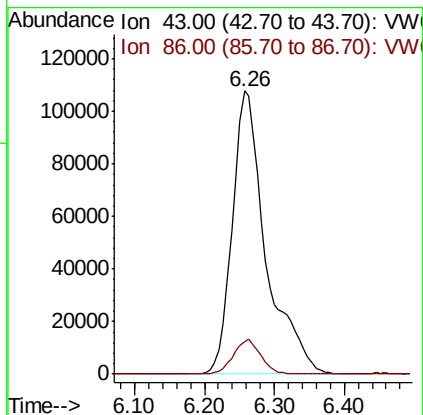
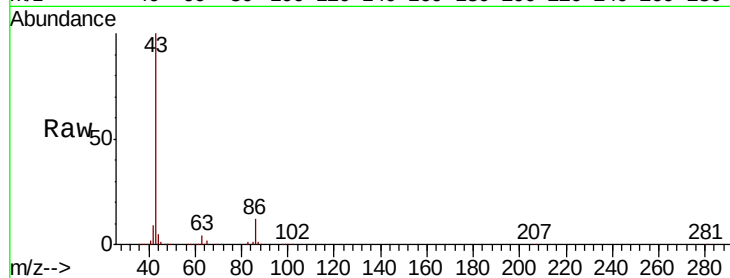
86 11.5 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 19.842 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

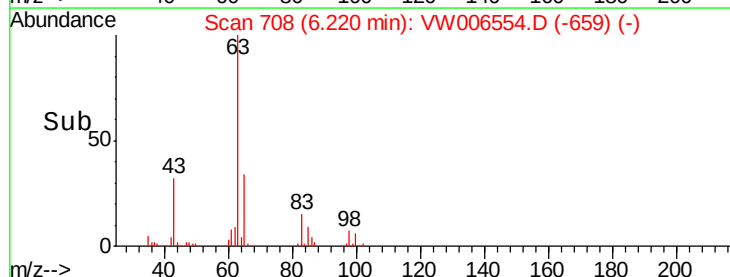
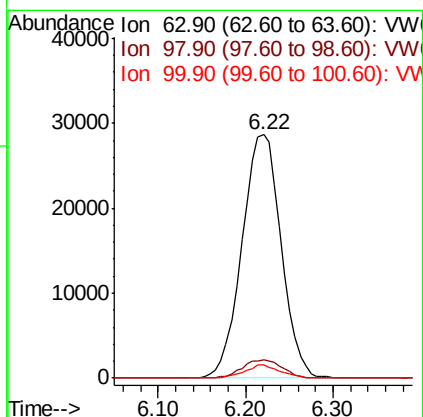
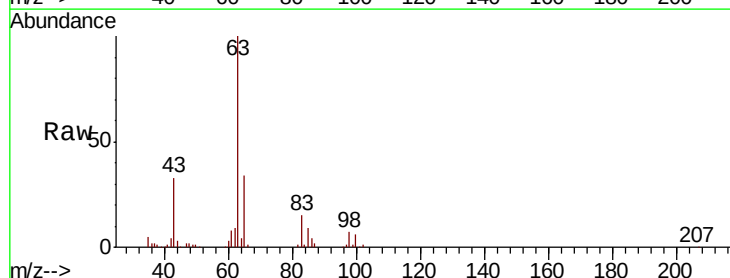
Tgt Ion: 63 Resp: 89221

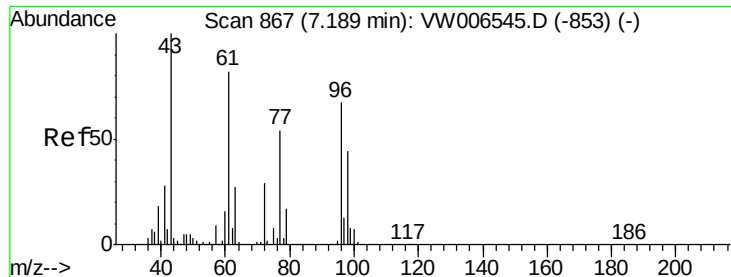
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 5.5 2.4 7.2





#25

2-Butanone

Concen: 106.894 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampled :

VW1102SBSD01

Tot Ion: 43 Resp: 63273

Ion Ratio Lower Upper

43 100

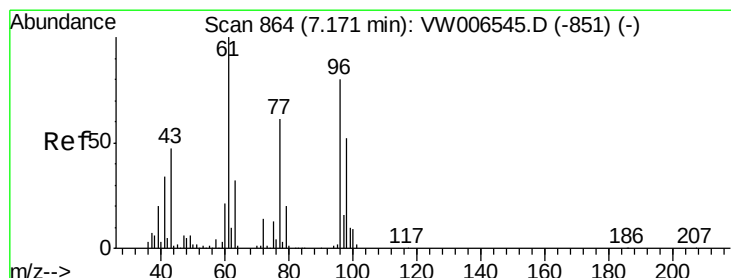
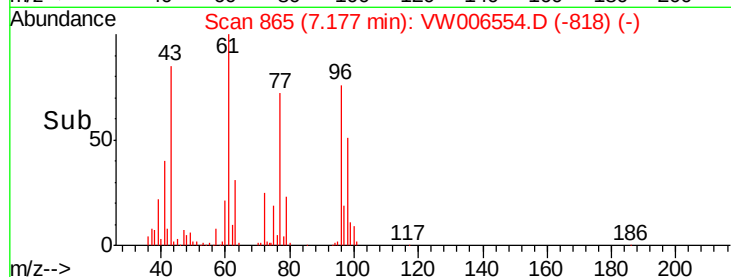
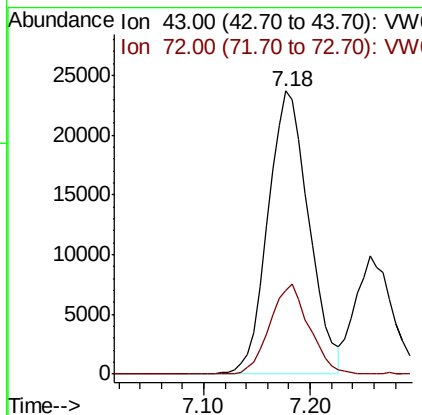
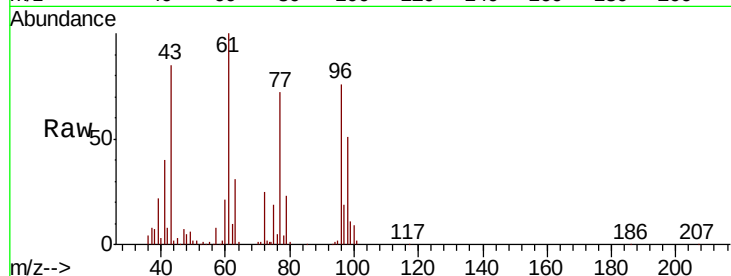
72 29.7 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 22.906 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006554.D

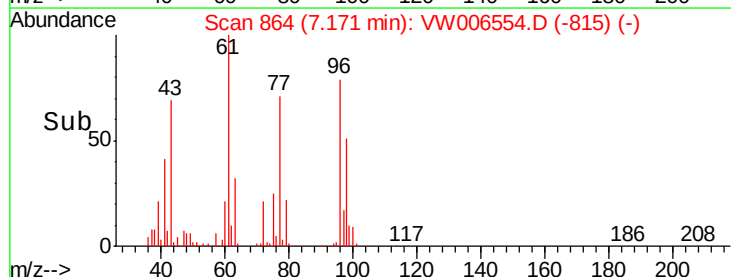
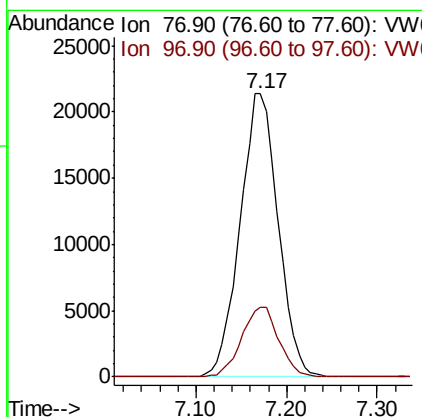
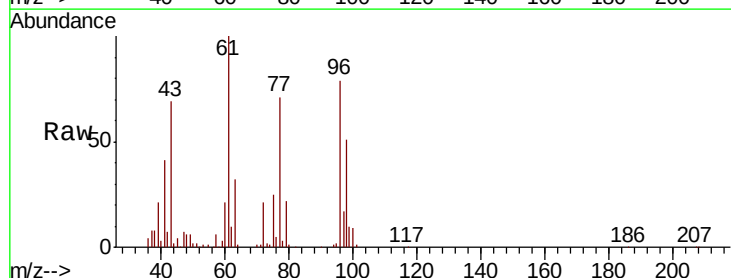
Acq: 01 Nov 2018 13:05

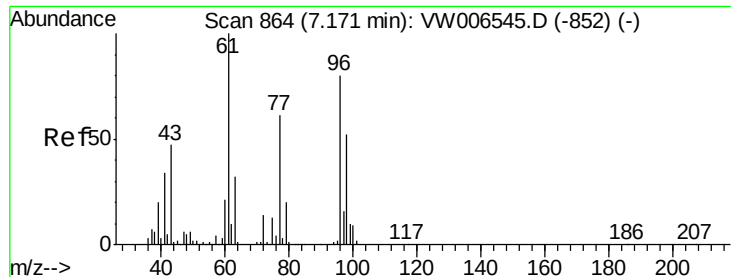
Tgt Ion: 77 Resp: 62045

Ion Ratio Lower Upper

77 100

97 24.0 12.8 38.4





#27

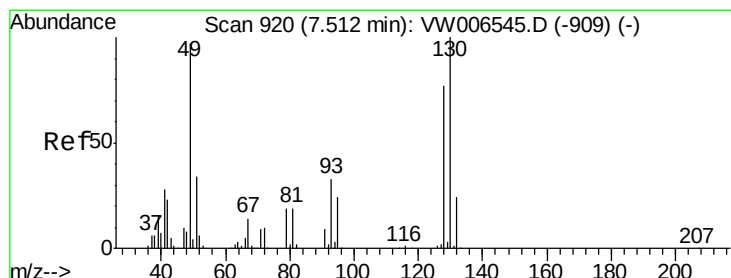
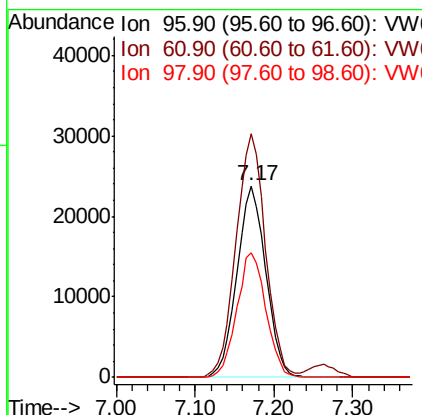
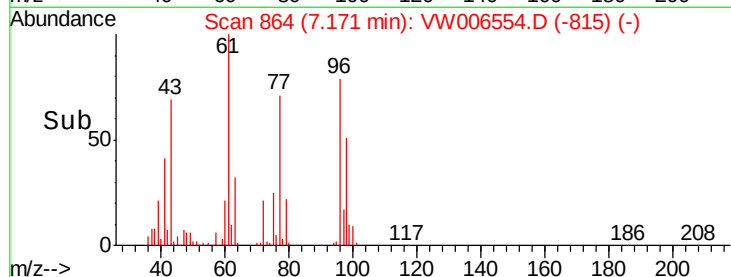
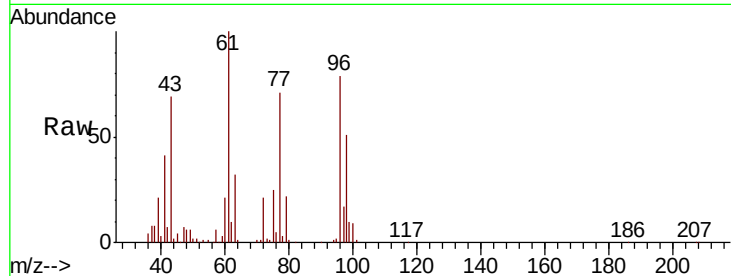
cis-1,2-Dichloroethene
Concen: 19.703 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	254.2
98	65.0	0.0	129.6

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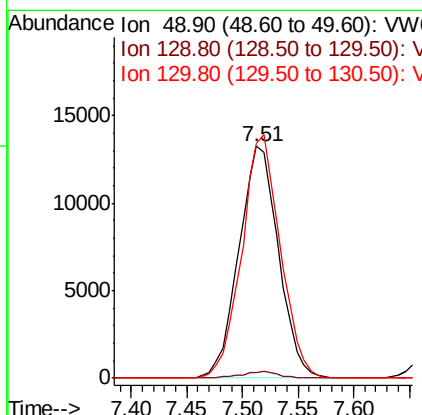
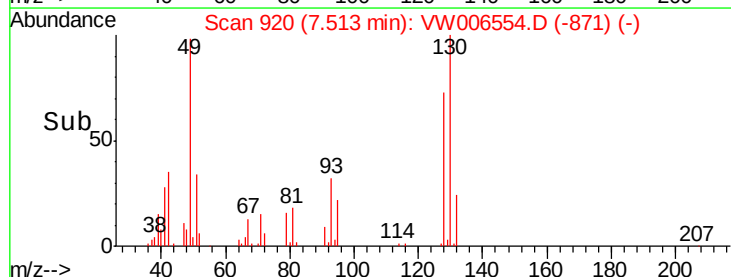
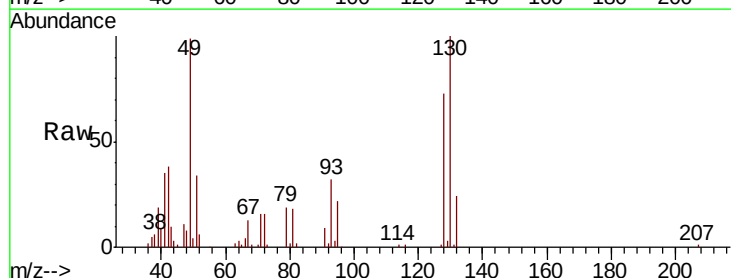
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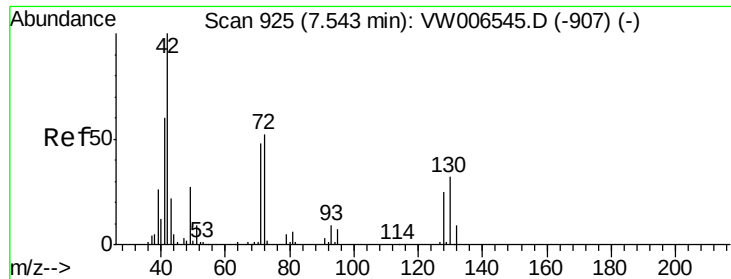


#28

Bromochloromethane
Concen: 18.338 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	101.9	82.2	123.2





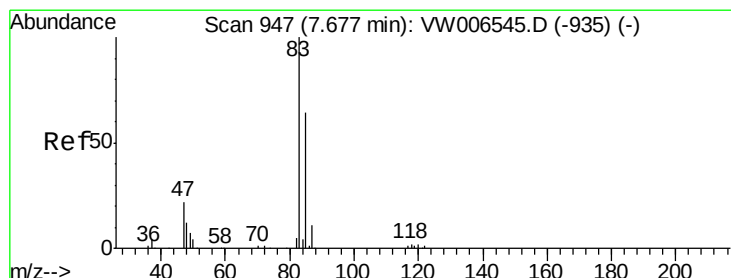
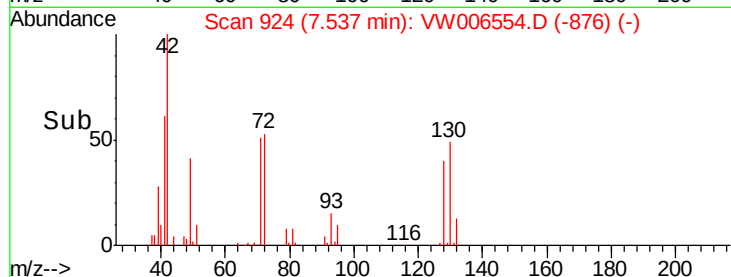
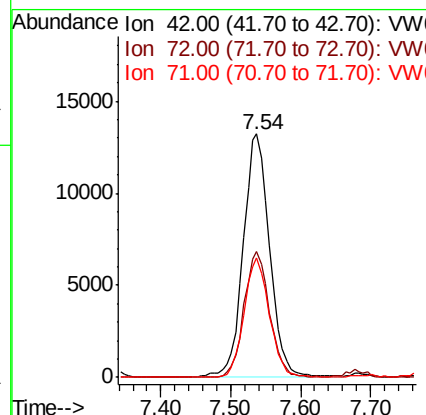
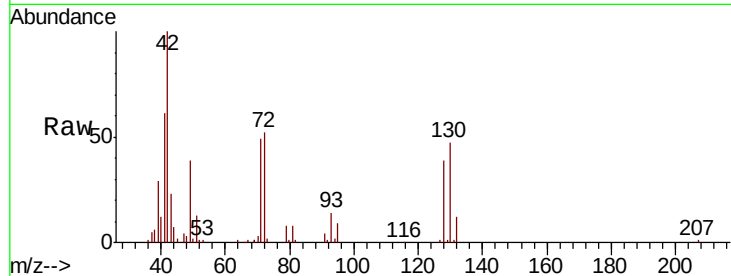
#29
Tetrahydrofuran
Concen: 93.275 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.5	39.2	58.8
71	46.8	37.6	56.4

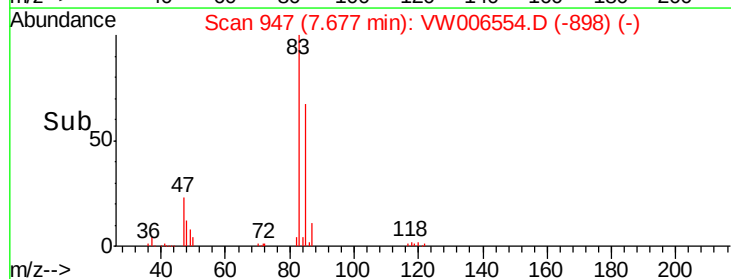
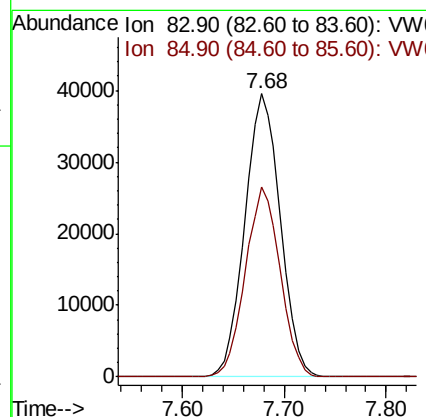
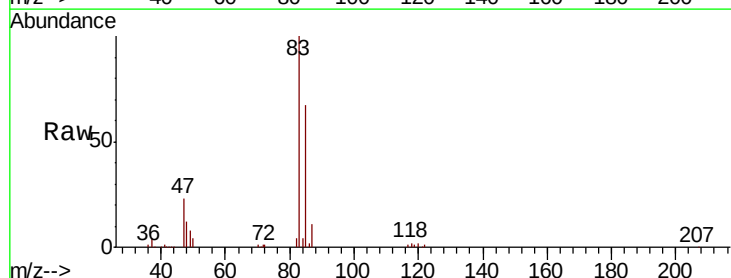
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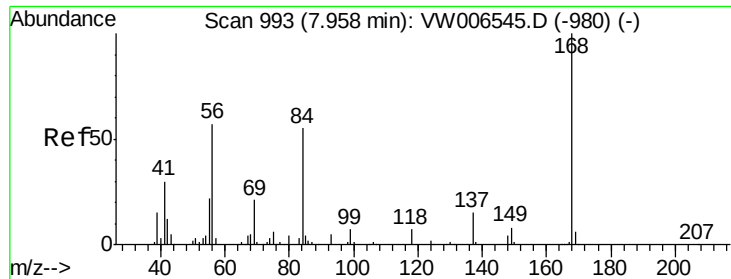
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#30
Chloroform
Concen: 19.395 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.3	76.9





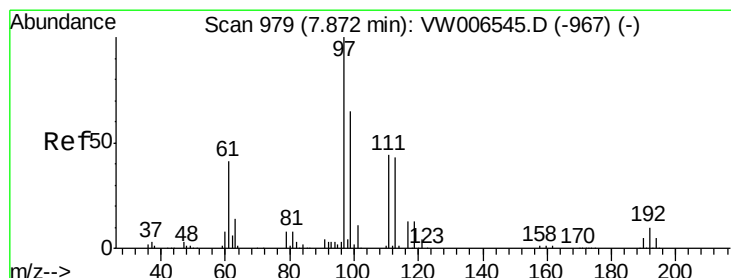
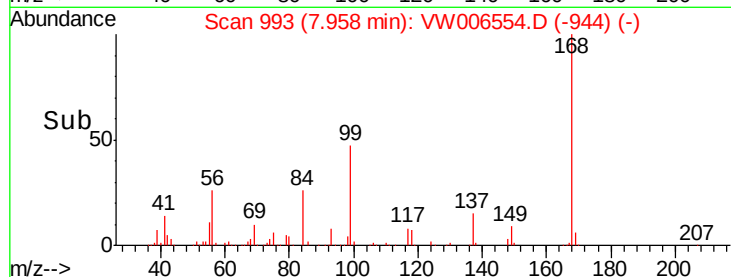
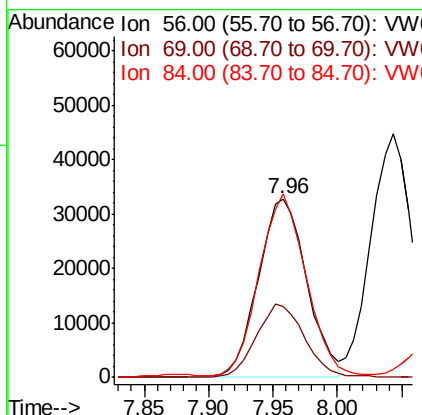
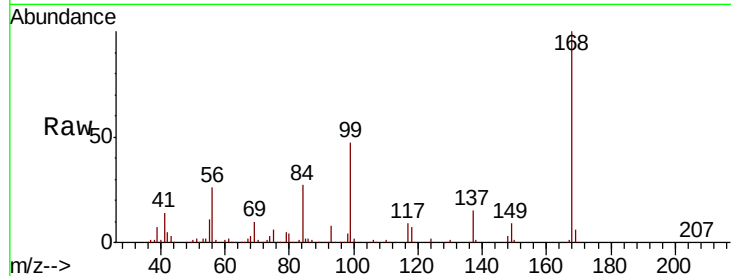
#31
Cyclohexane
Concen: 20.952 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.9	29.0	43.4
84	101.3	77.8	116.6

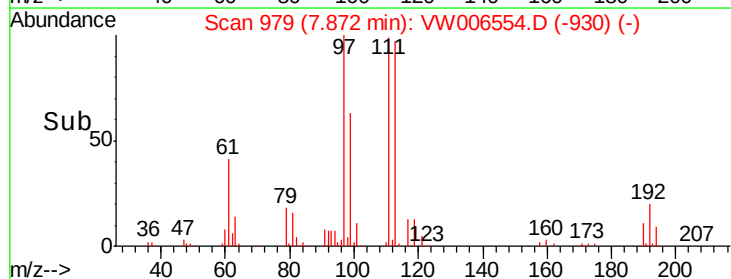
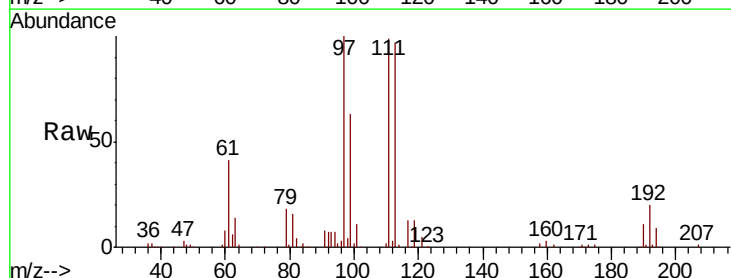
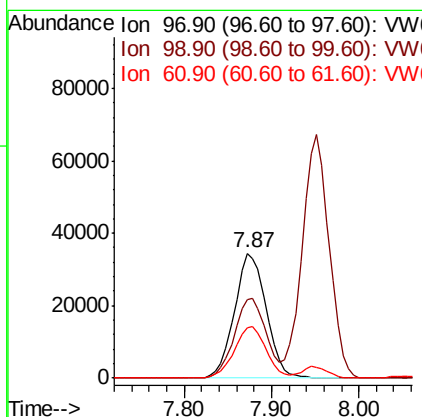
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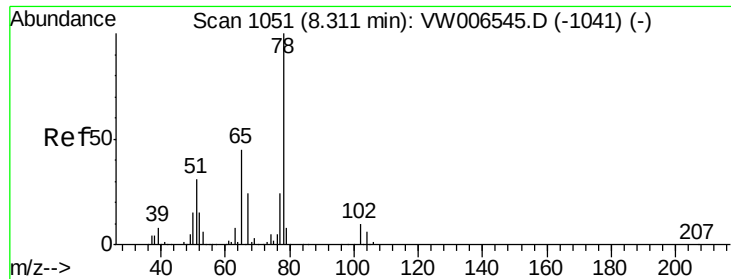
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#32
1,1,1-Trichloroethane
Concen: 20.844 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.7	77.5
61	41.1	32.9	49.3





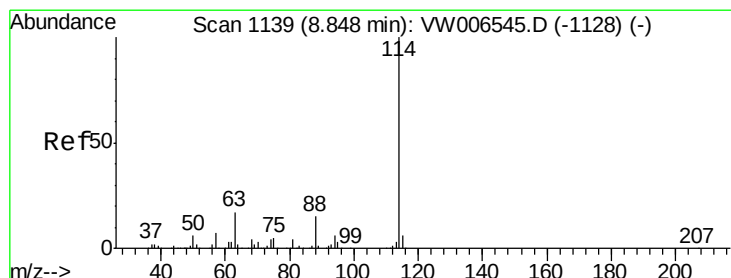
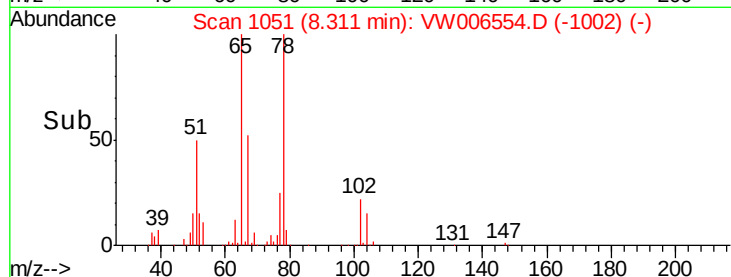
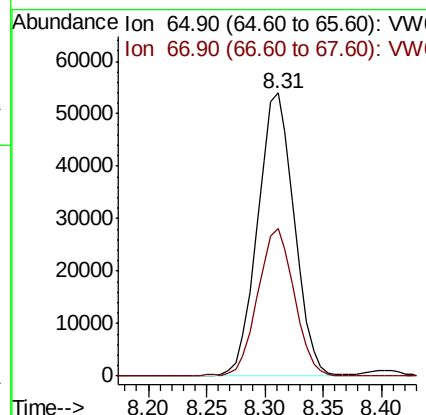
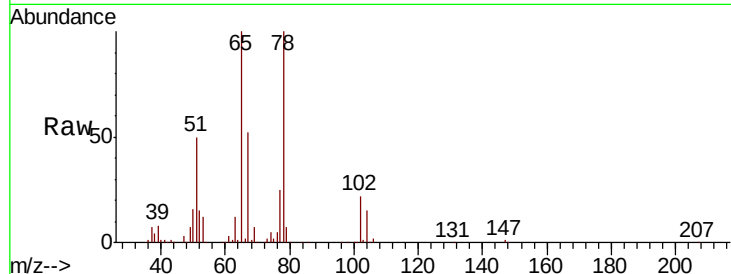
#33
 1,2-Dichloroethane-d4
 Concen: 45.696 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	104.4	

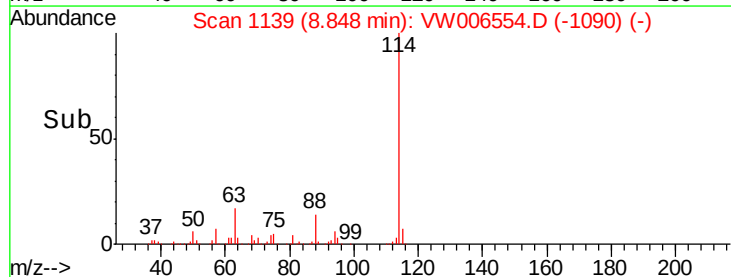
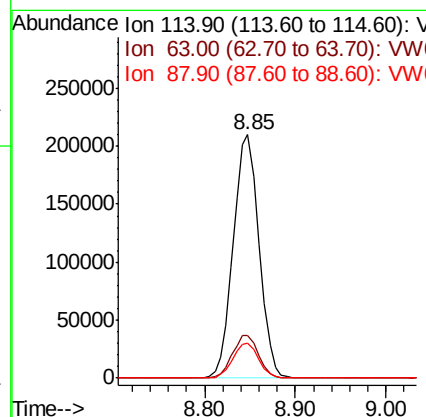
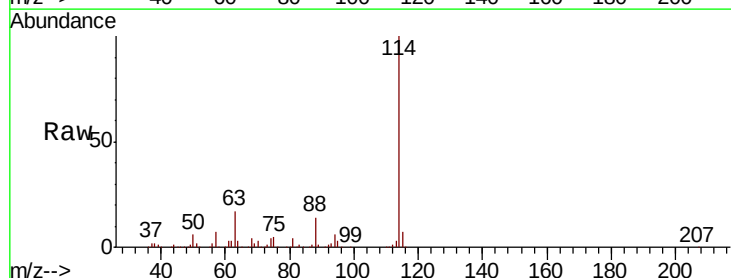
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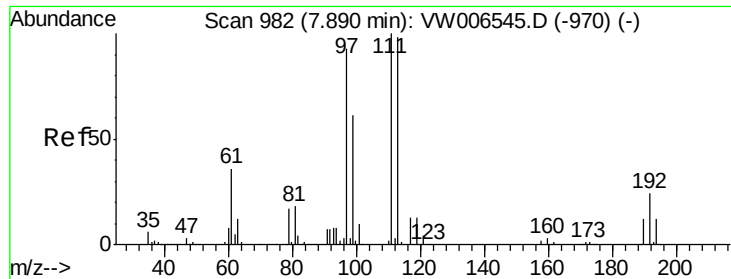
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.3	0.0	34.4	
88	14.4	0.0	29.0	





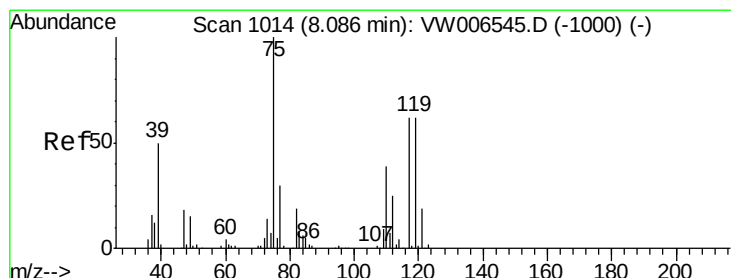
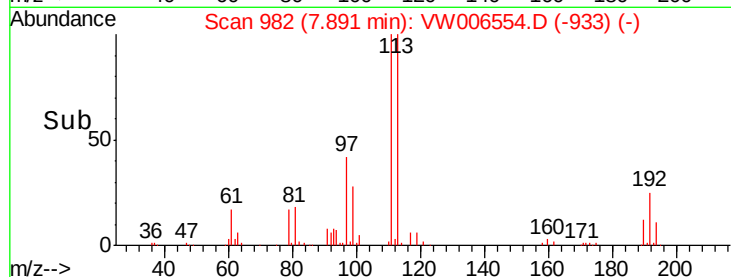
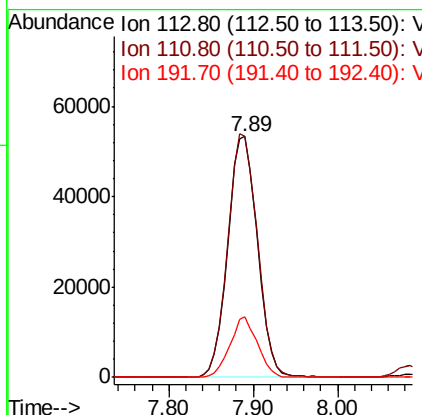
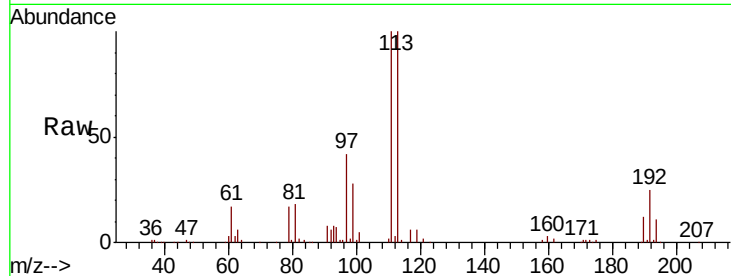
#35
 Dibromofluoromethane
 Concen: 48.980 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	126998		
111	101.4	82.2	123.2	
192	23.3	19.0	28.6	

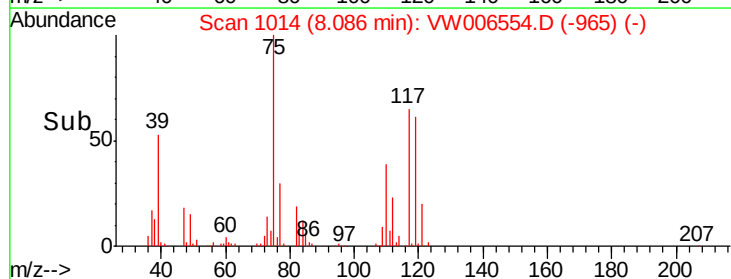
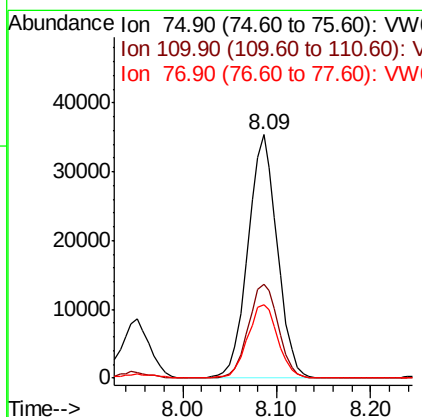
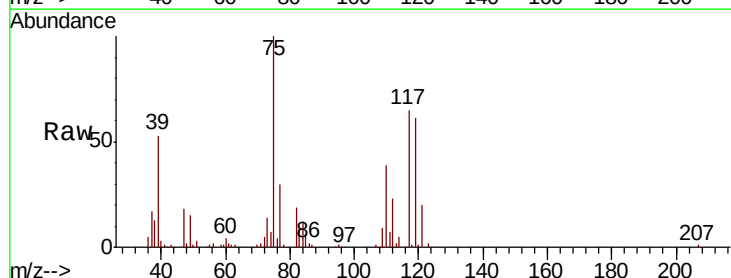
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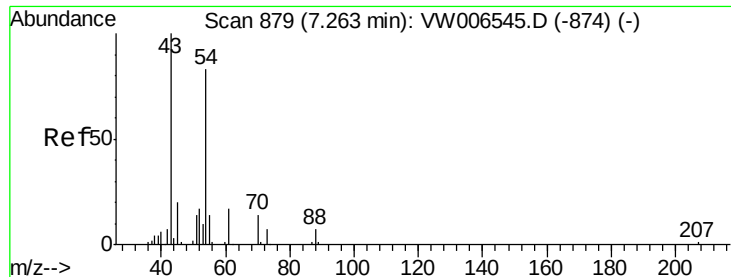
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#36
 1,1-Dichloropropene
 Concen: 21.277 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77305		
110	39.5	19.5	58.5	
77	31.2	24.6	37.0	





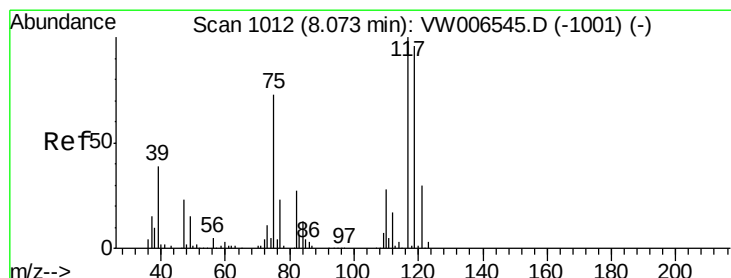
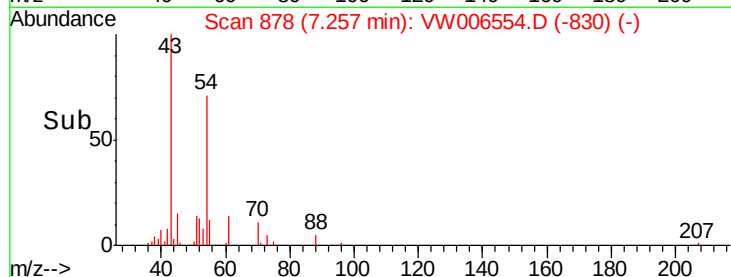
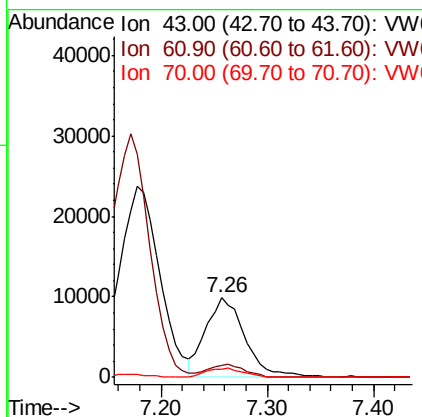
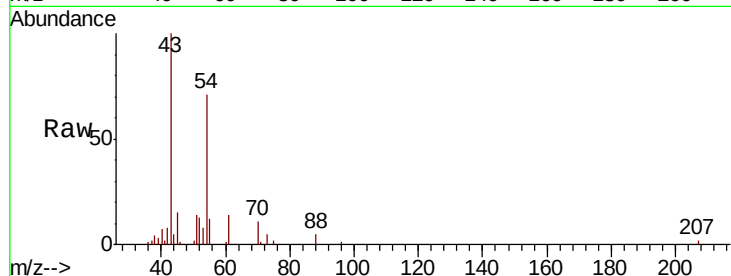
#37
Ethyl Acetate
Concen: 19.576 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.1	18.1
70	11.7	9.8	14.6

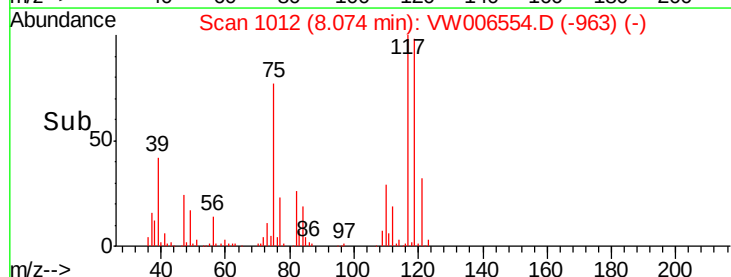
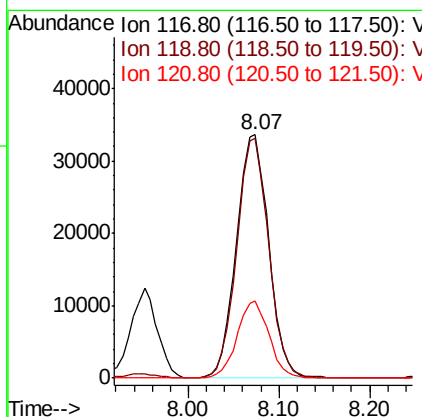
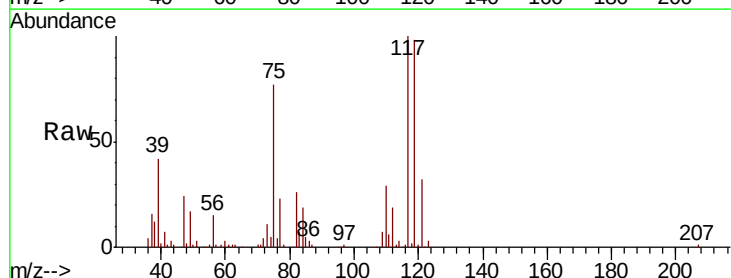
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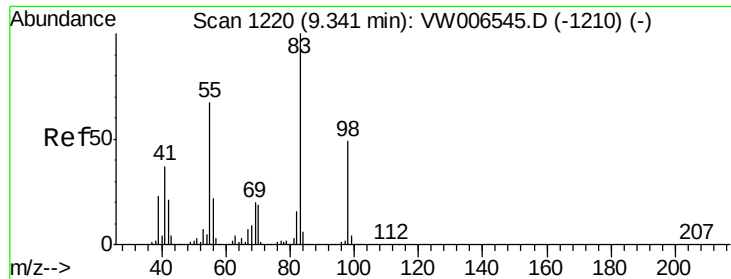
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#38
Carbon Tetrachloride
Concen: 21.919 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.3	114.5
121	31.8	24.1	36.1





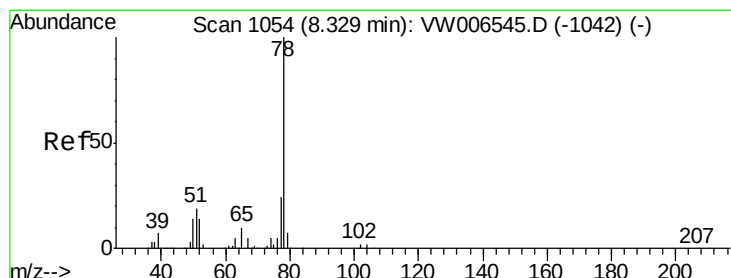
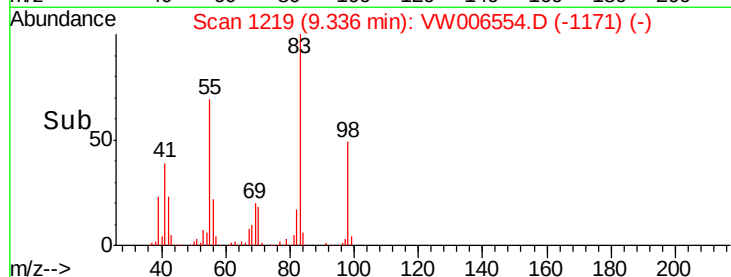
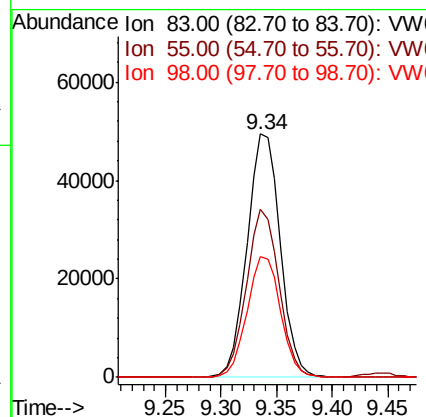
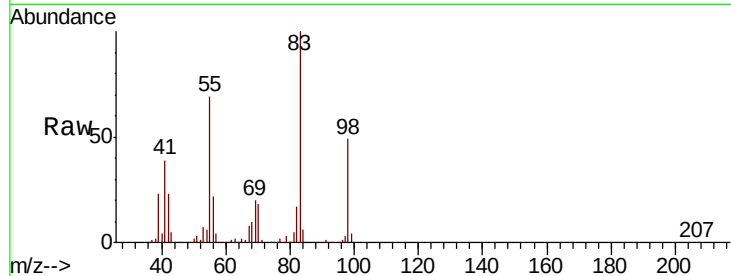
#39
Methylvlcyclohexane
Concen: 22.290 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	53.7	80.5
98	49.4	39.2	58.8

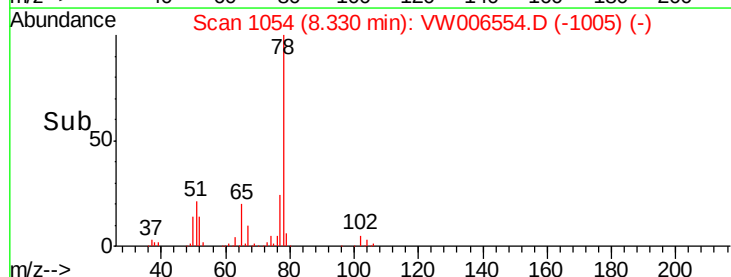
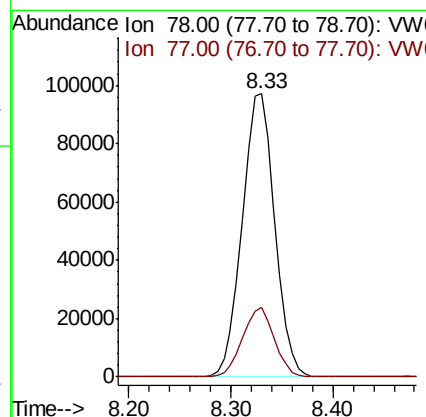
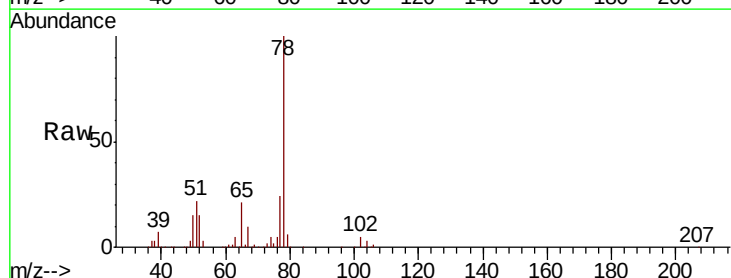
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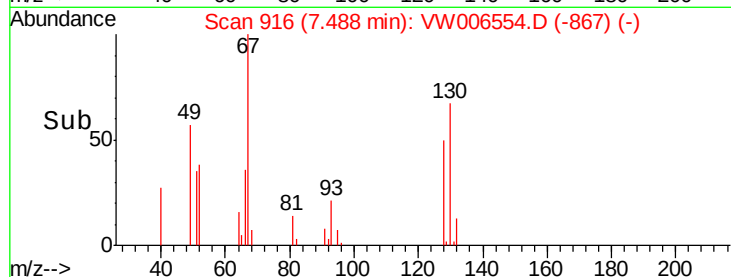
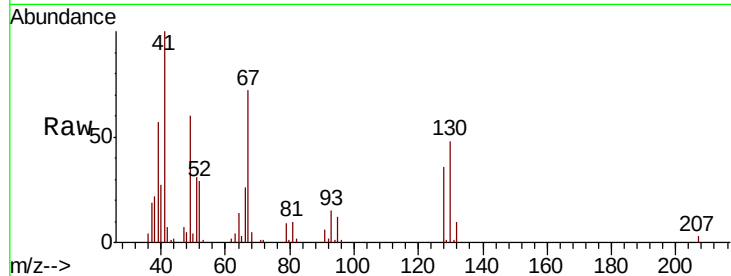
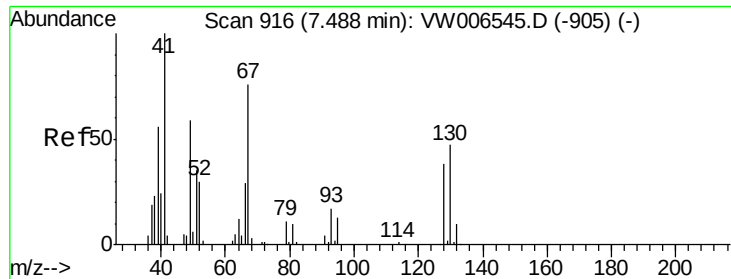
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#40
Benzene
Concen: 20.826 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8





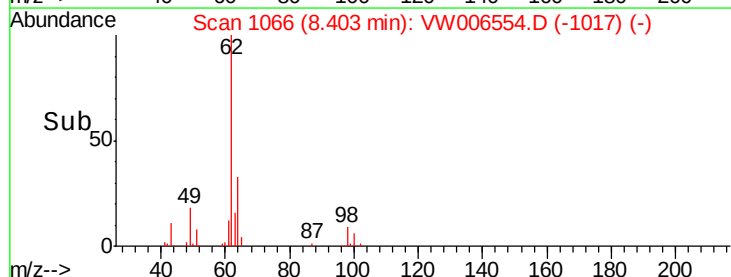
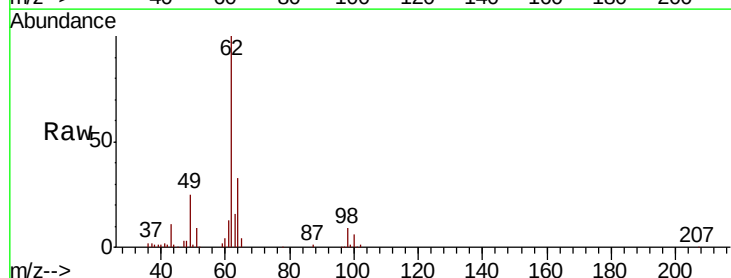
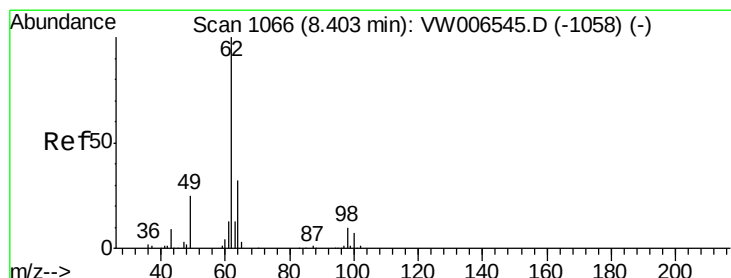
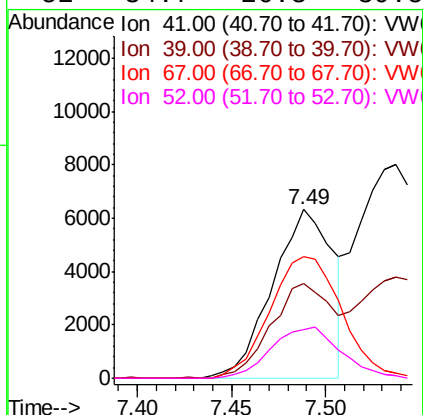
#41
Methacrylonitrile
Concen: 18.217 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		14065		
39	56.9	44.5	66.7		
67	85.6	63.8	95.8		
52	34.7	26.3	39.5		

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

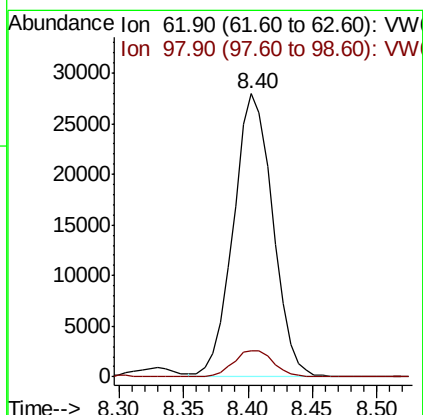
Manual Integrations
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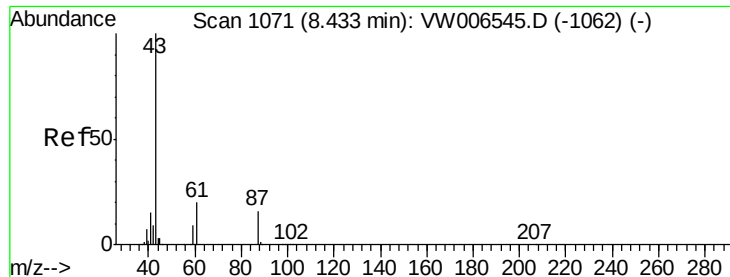
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#42
1,2-Dichloroethane
Concen: 20.037 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		59302		
98	9.5	0.0	19.8		





#43

Isopropyl Acetate

Concen: 19.787 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

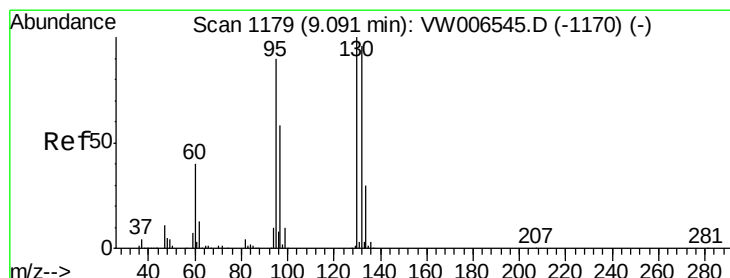
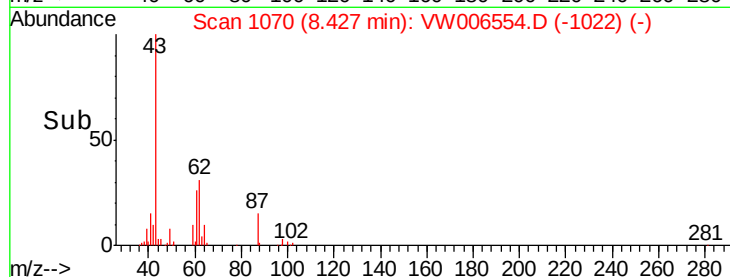
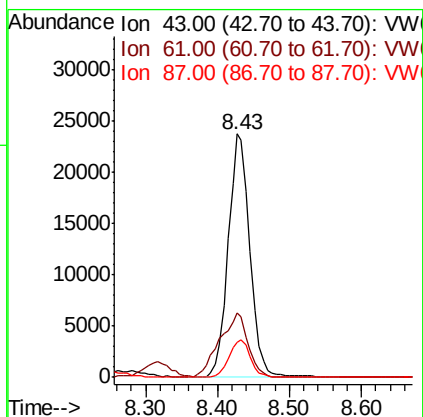
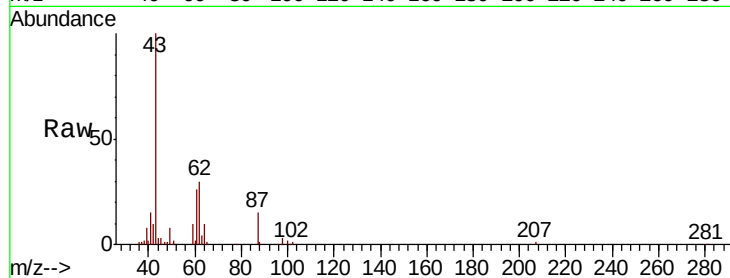
ClientSampleId :

VW1102SBSD01

Tot Ion:	43	Resp:	49716
Ion	Ratio	Lower	Upper
43	100		
61	34.2	27.2	40.8
87	15.0	12.9	19.3

Manual Integrations
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#44

Trichloroethene

Concen: 20.966 ug/l

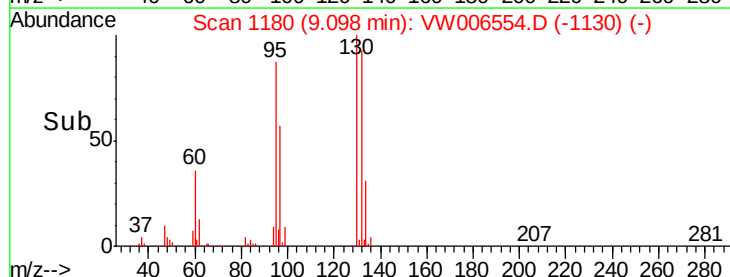
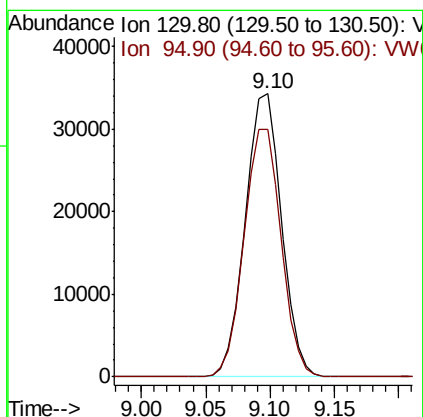
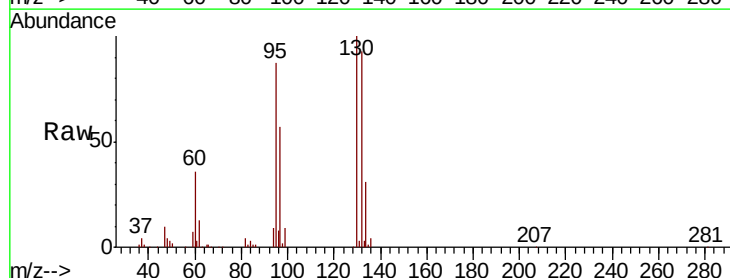
RT: 9.10 min Scan# 1180

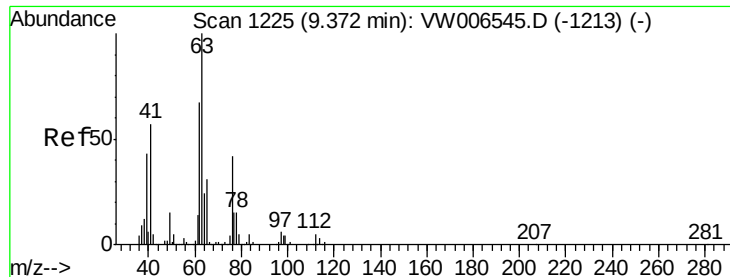
Delta R.T. 0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Tgt Ion:	130	Resp:	66769
Ion	Ratio	Lower	Upper
130	100		
95	87.4	0.0	179.2





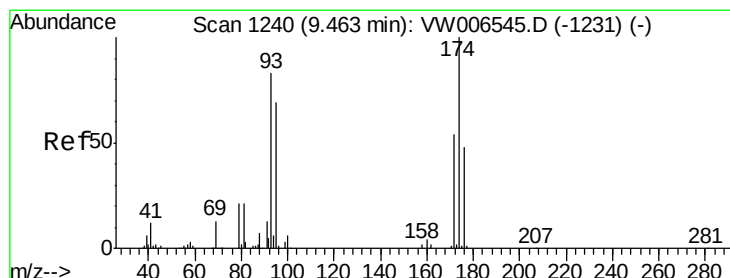
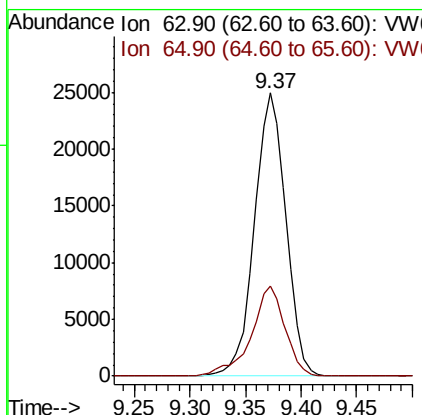
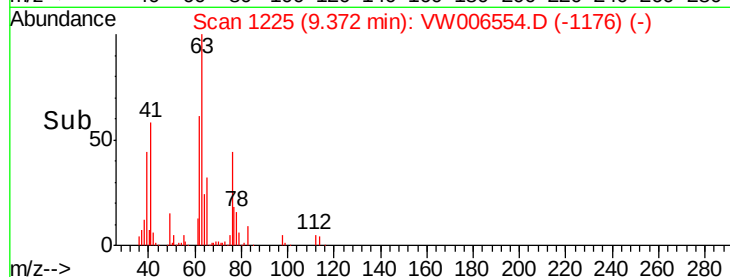
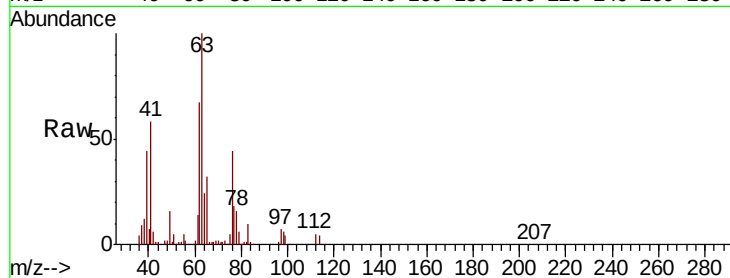
#45
 1,2-Dichloropropane
 Concen: 20.485 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.1	37.7

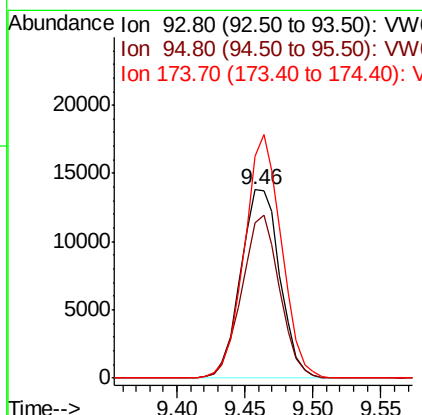
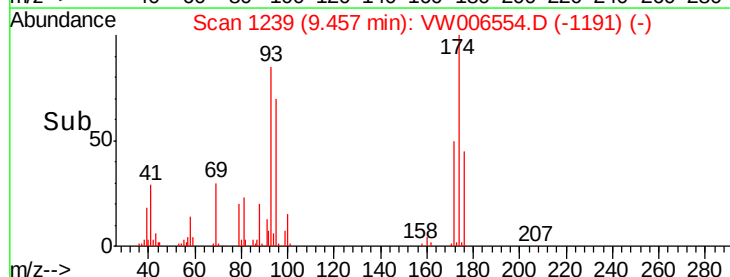
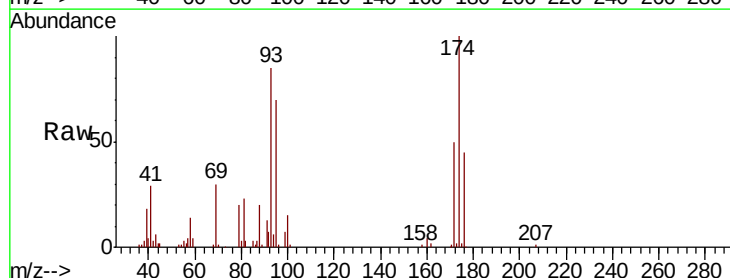
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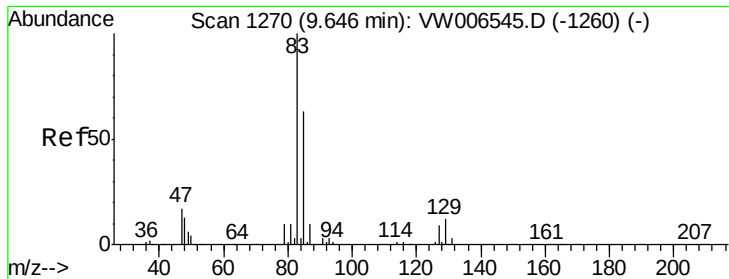
apatel
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#46
 Dibromomethane
 Concen: 19.739 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.2	100.8
174	121.9	97.3	145.9





#47

Bromodichloromethane

Concen: 20.114 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

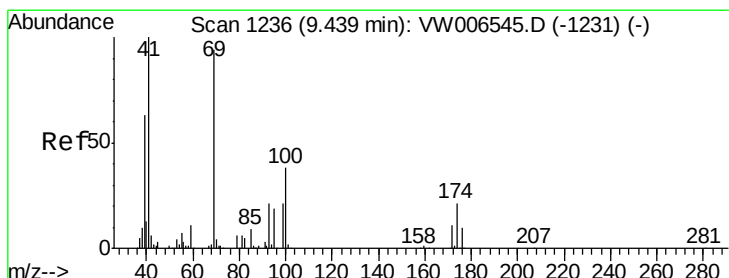
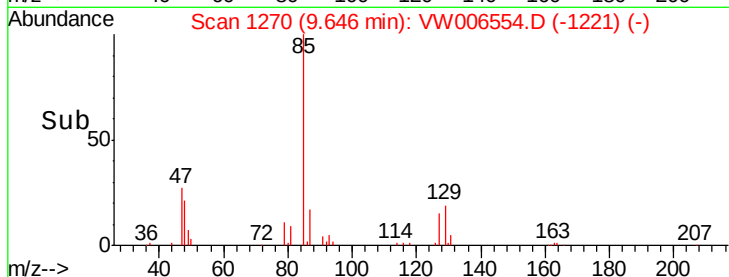
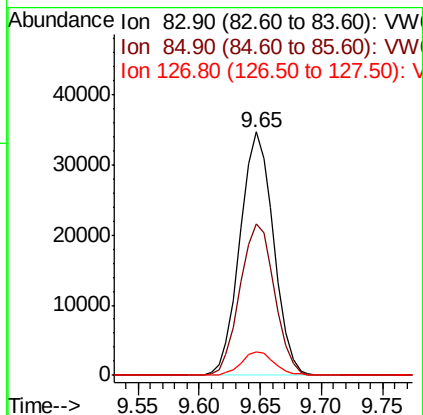
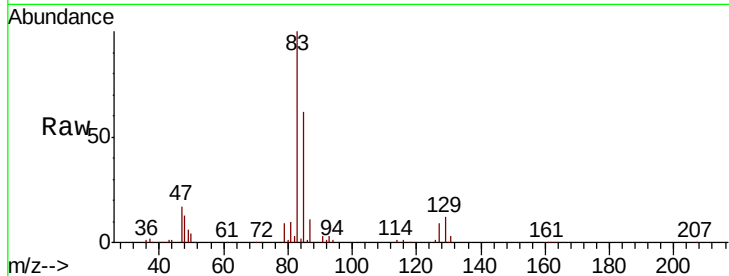
ClientSampleId :

VW1102SBSD01

Tot Ion:	83	Resp:	65934
Ion	Ratio	Lower	Upper
83	100		
85	62.0	50.6	75.8
127	9.5	7.5	11.3

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#48

Methyl methacrylate

Concen: 19.621 ug/l

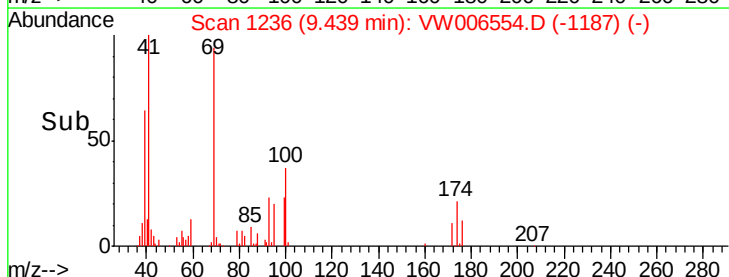
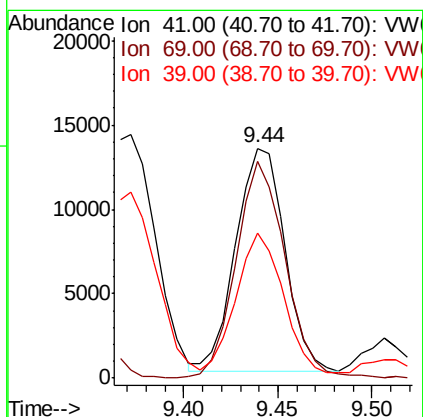
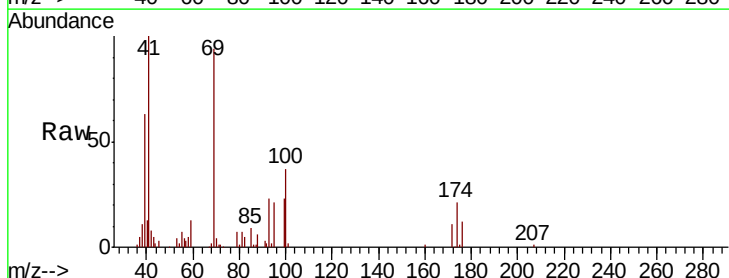
RT: 9.44 min Scan# 1236

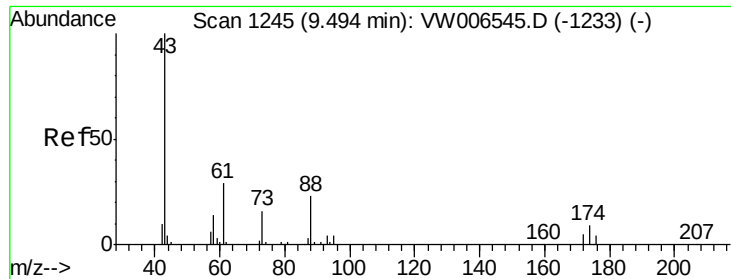
Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Tgt Ion:	41	Resp:	23751
Ion	Ratio	Lower	Upper
41	100		
69	98.2	77.8	116.8
39	59.6	48.7	73.1





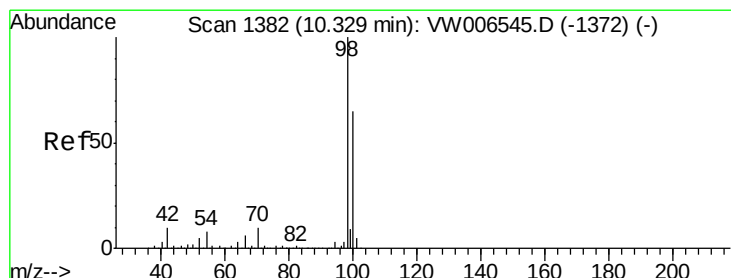
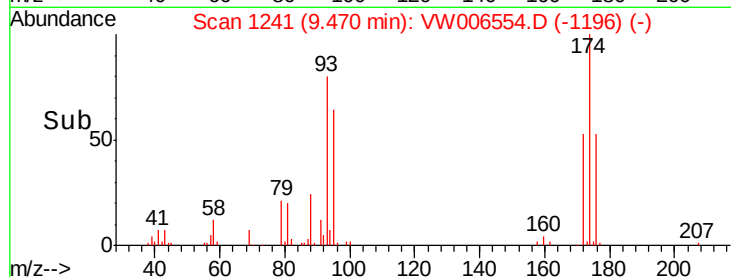
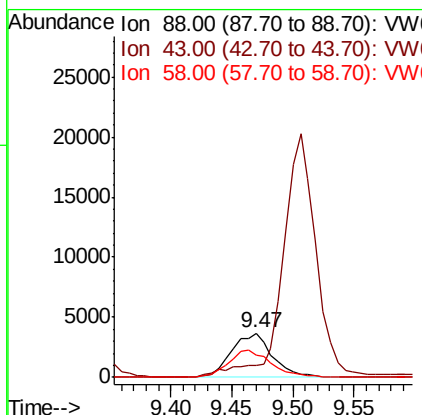
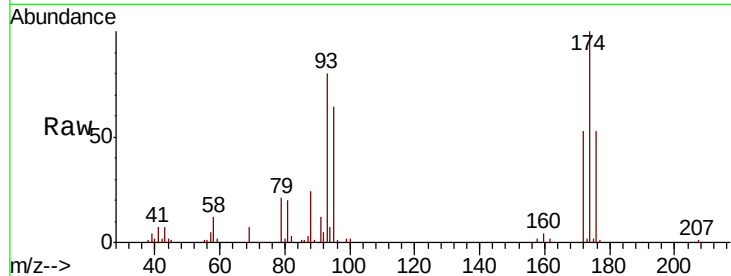
#49
 1,4-Dioxane
 Concen: 414.160 ug/l
 RT: 9.47 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	356.6	534.8#
58	63.9	51.4	77.2

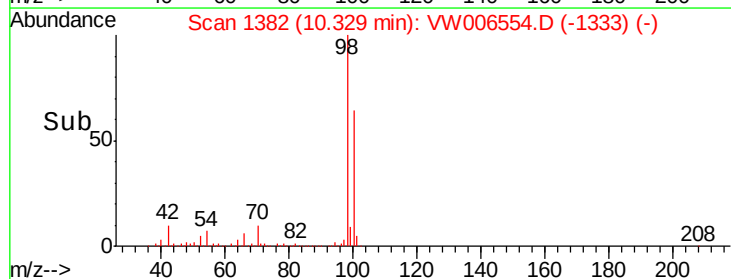
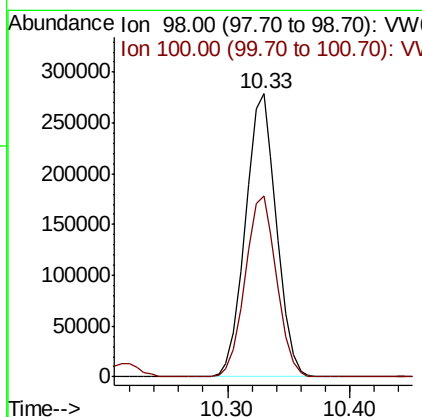
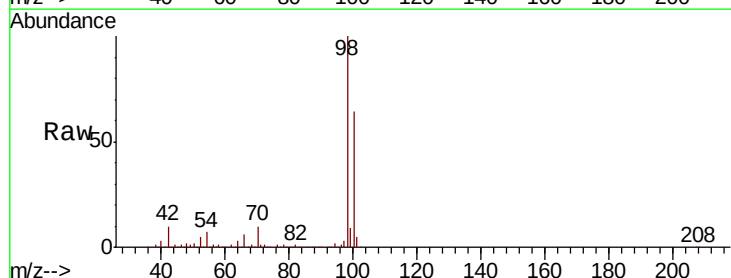
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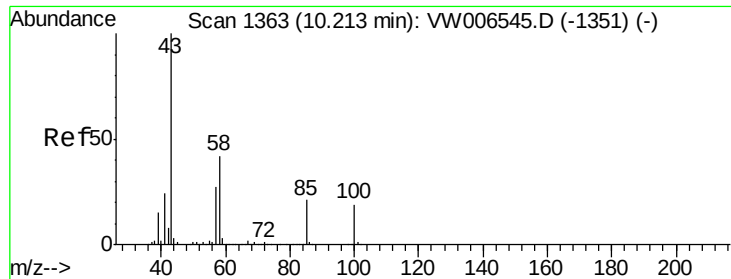
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#50
 Toluene-d8
 Concen: 49.677 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 96.596 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampled :

VW1102SBSD01

Tot Ion: 43 Resp: 124646

Ion Ratio Lower Upper

43 100

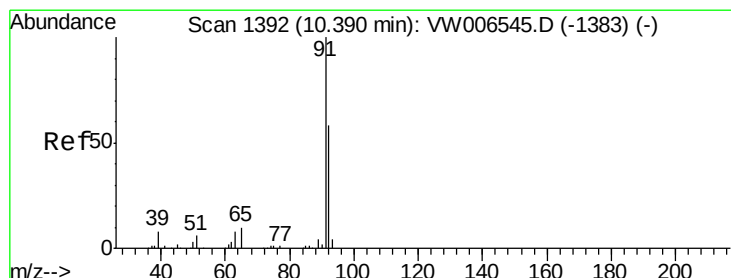
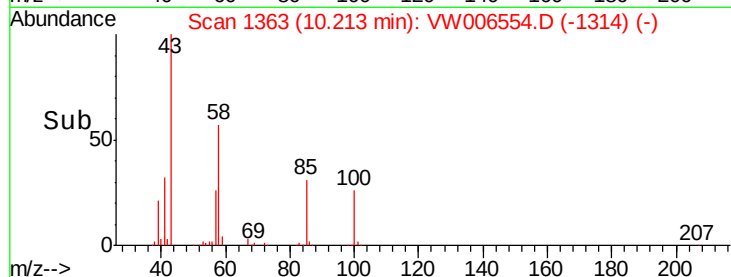
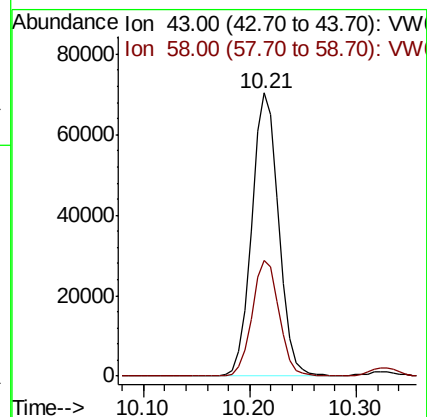
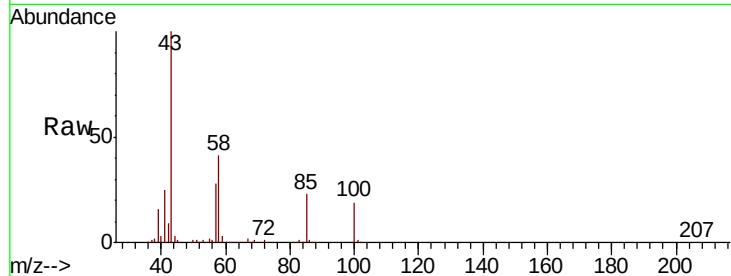
58 41.1 33.4 50.0

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#52

Toluene

Concen: 20.560 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006554.D

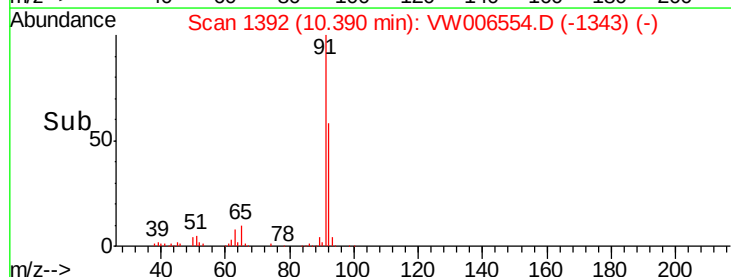
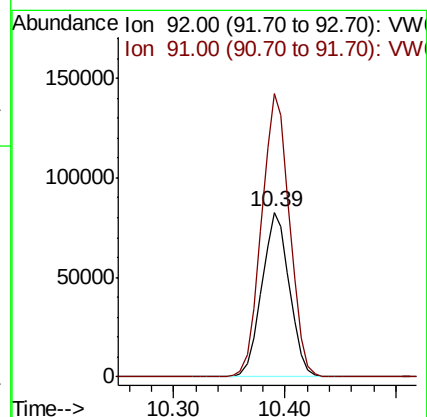
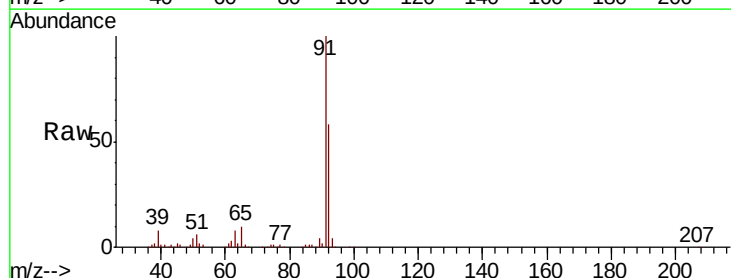
Acq: 01 Nov 2018 13:05

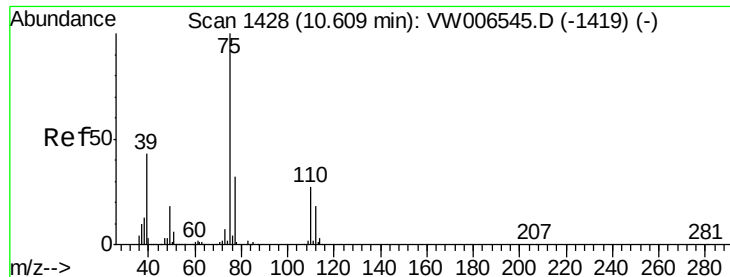
Tgt Ion: 92 Resp: 142314

Ion Ratio Lower Upper

92 100

91 174.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.429 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

Tot Ion: 75 Resp: 64448

Ion Ratio Lower Upper

75 100

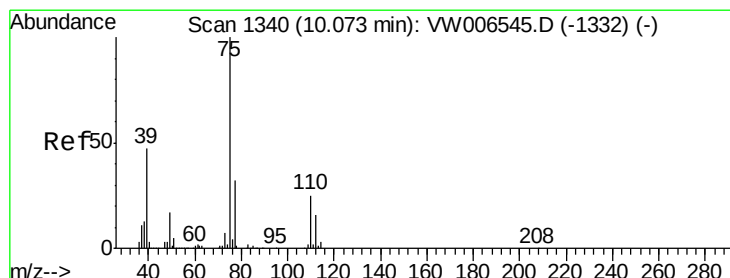
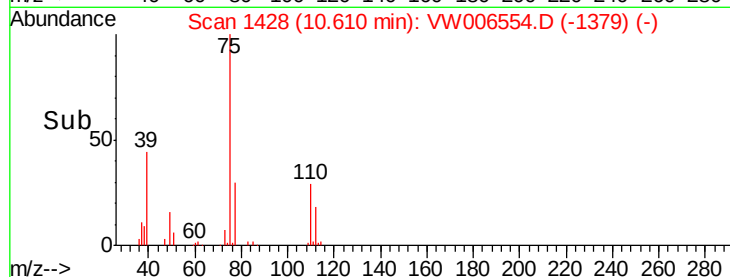
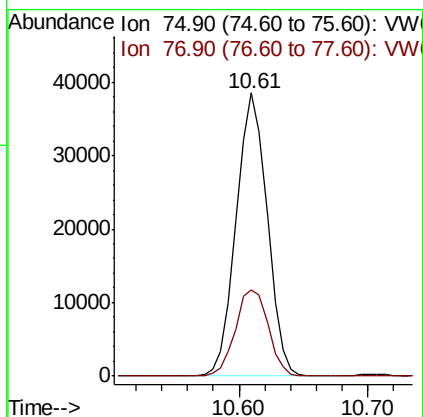
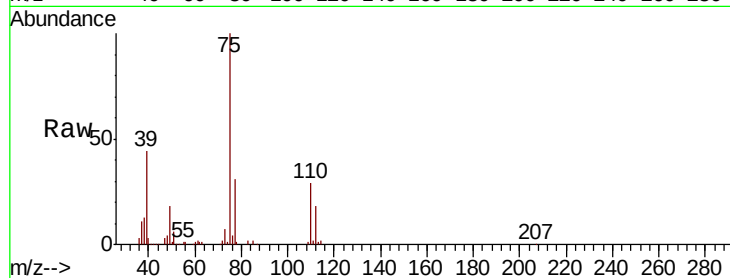
77 30.7 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 20.333 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

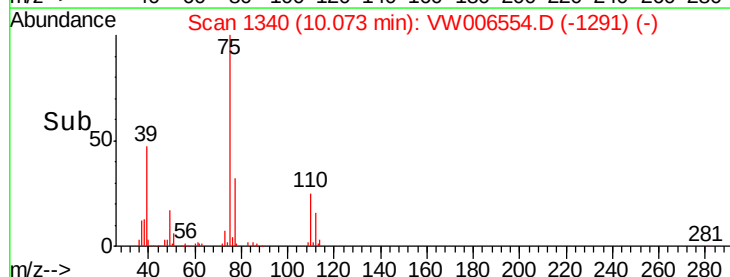
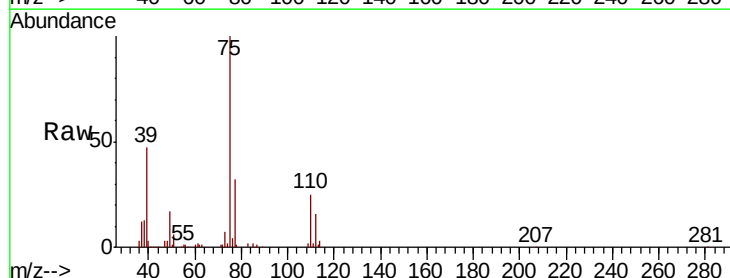
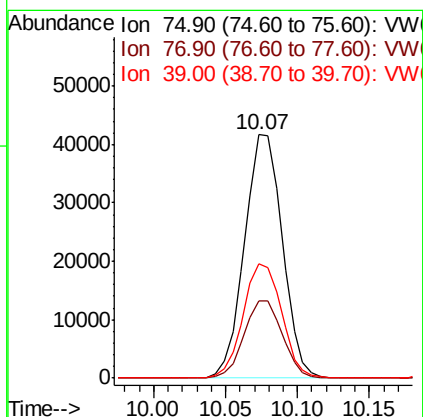
Tgt Ion: 75 Resp: 75803

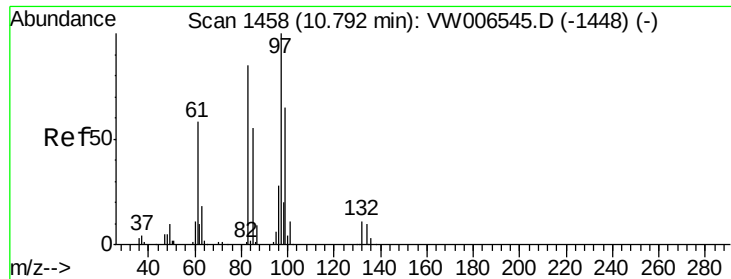
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

39 47.1 37.3 55.9





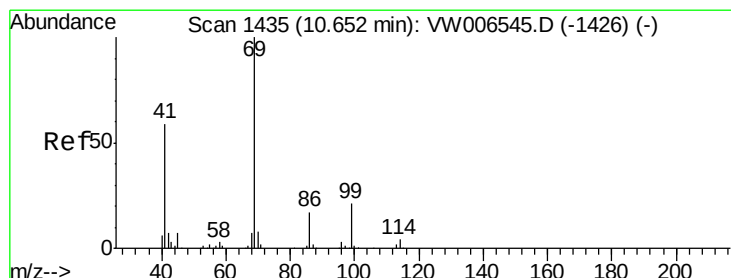
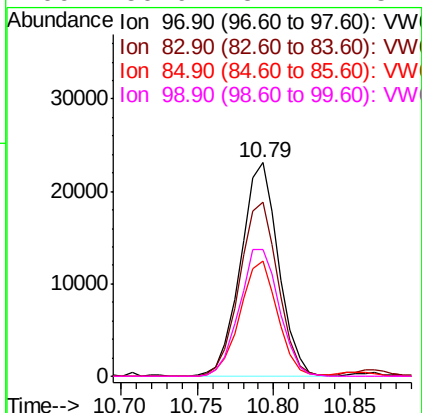
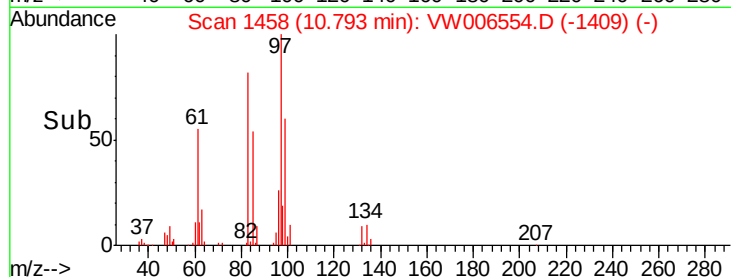
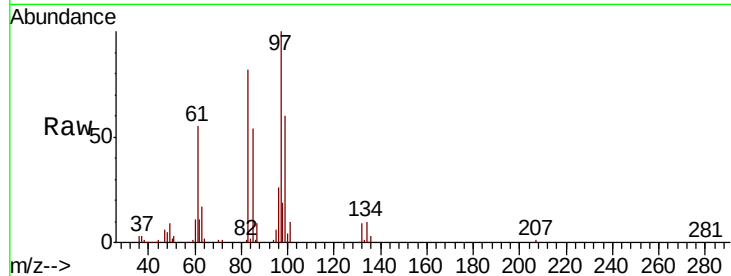
#55
 1,1,2-Trichloroethane
 Concen: 19.751 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

Tot Ion:	97	Resp:	39564
Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.9	101.9
85	54.0	44.0	66.0
99	59.6	52.2	78.2

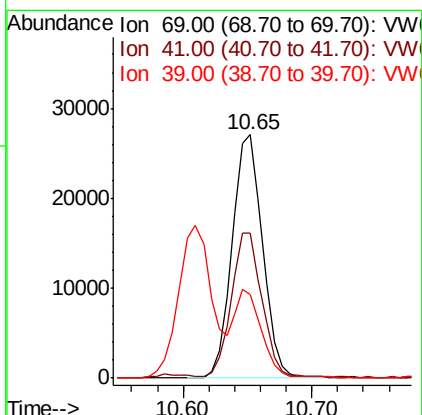
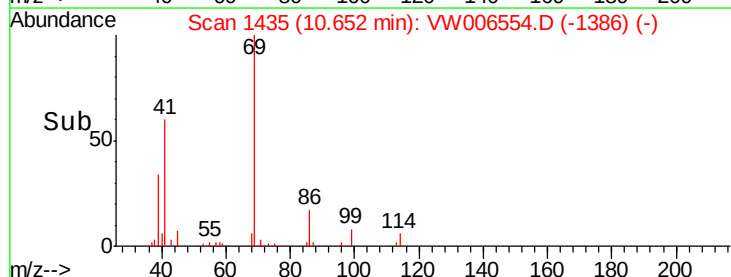
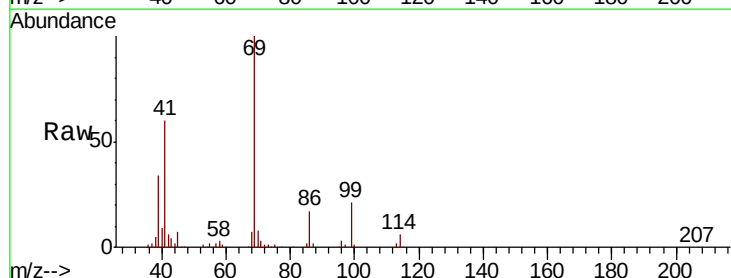
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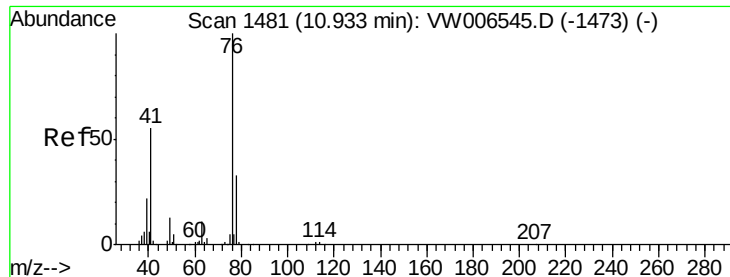
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#56
 Ethyl methacrylate
 Concen: 19.559 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion:	69	Resp:	44531
Ion	Ratio	Lower	Upper
69	100		
41	60.2	47.4	71.2
39	32.6	25.3	37.9





#57

1,3-Dichloropropane

Concen: 19.906 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

Tot Ion: 76 Resp: 64748

Ion Ratio Lower Upper

76 100

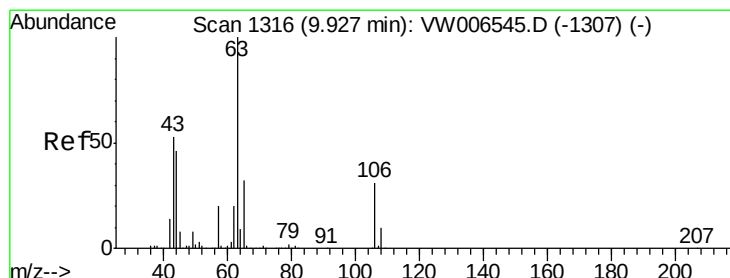
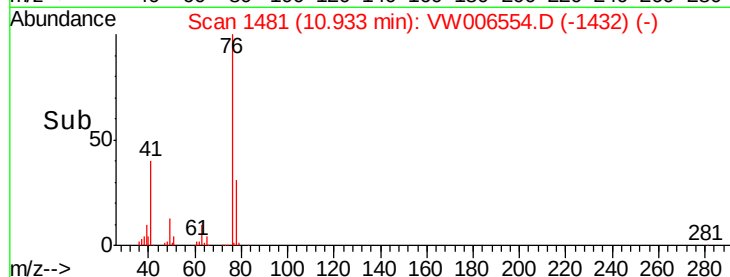
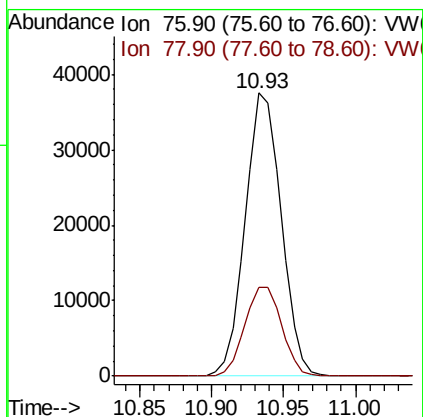
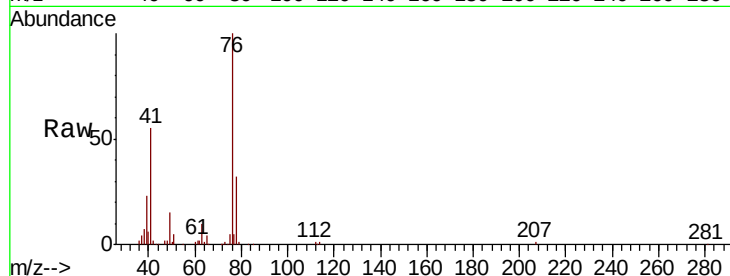
78 32.5 26.2 39.4

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#58

2-Chloroethyl Vinyl ether

Concen: 99.351 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006554.D

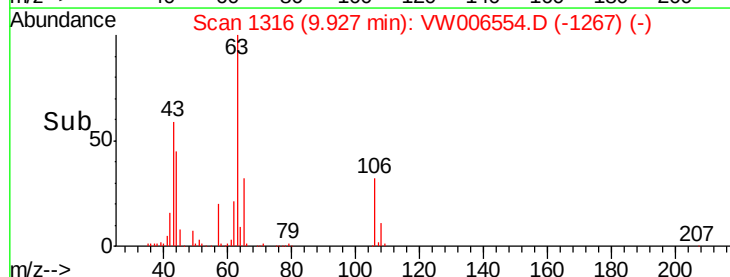
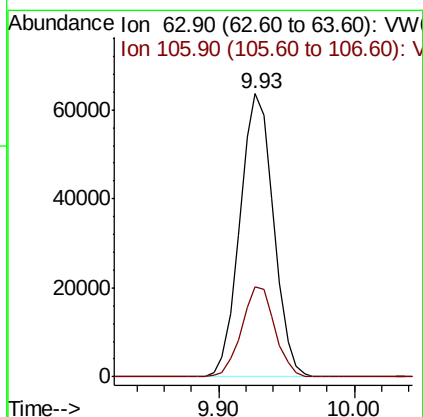
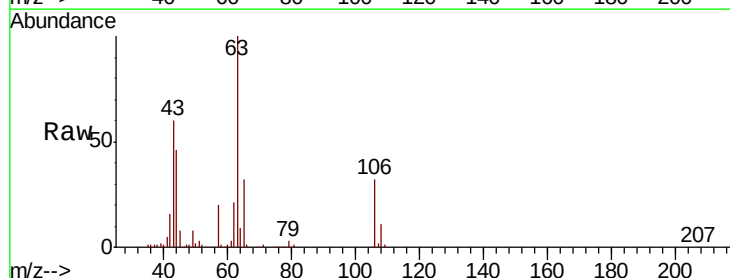
Acq: 01 Nov 2018 13:05

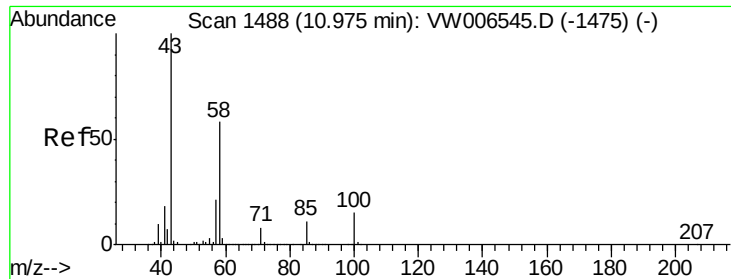
Tgt Ion: 63 Resp: 109955

Ion Ratio Lower Upper

63 100

106 31.4 25.4 38.2





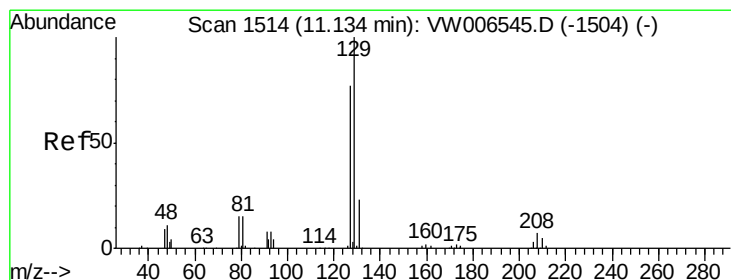
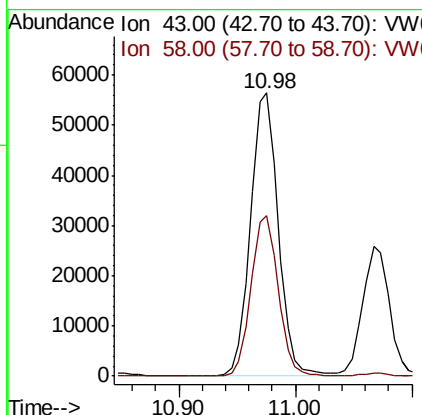
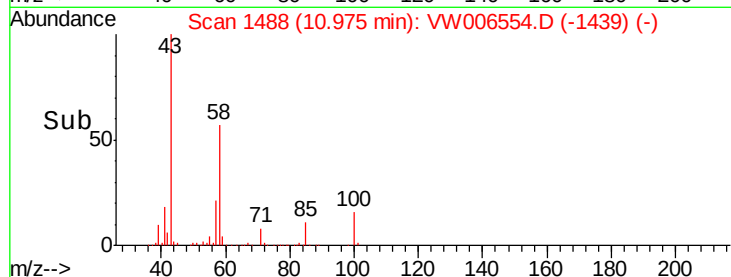
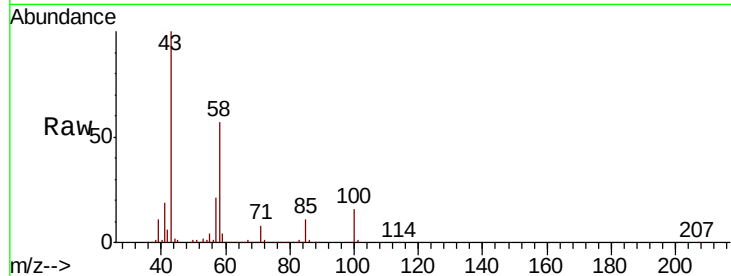
#59
2-Hexanone
Concen: 107.698 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

Tot Ion: 43 Resp: 94388
Ion Ratio Lower Upper
43 100
58 55.7 28.8 86.4

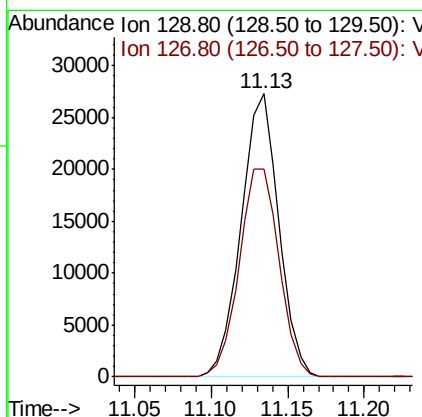
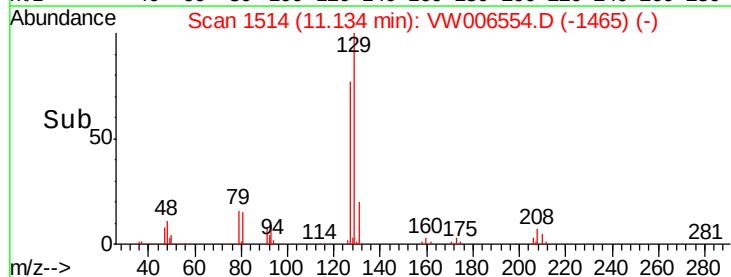
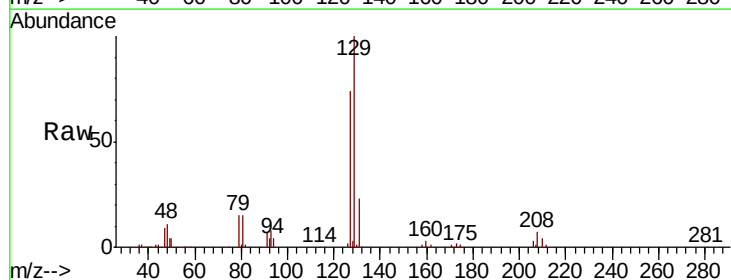
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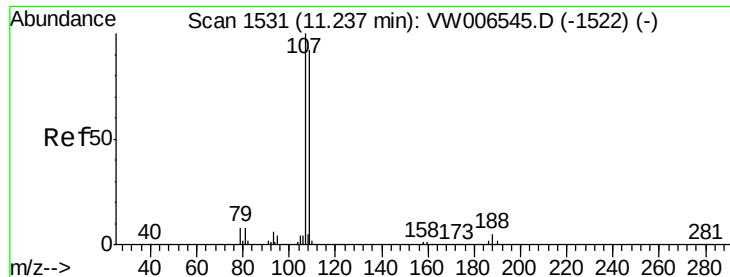
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#60
Dibromochloromethane
Concen: 19.697 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion: 129 Resp: 46746
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.461 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

Tot Ion: 107 Resp: 38712

Ion Ratio Lower Upper

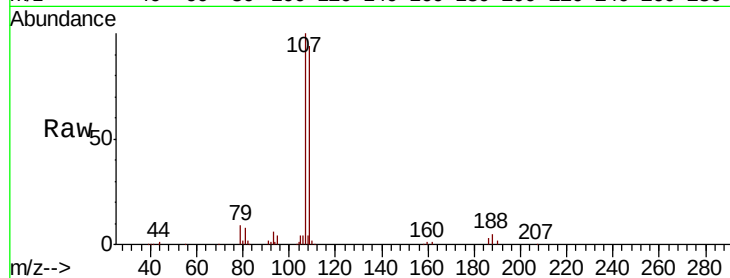
107 100

109 95.7 75.8 113.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

25000

20000

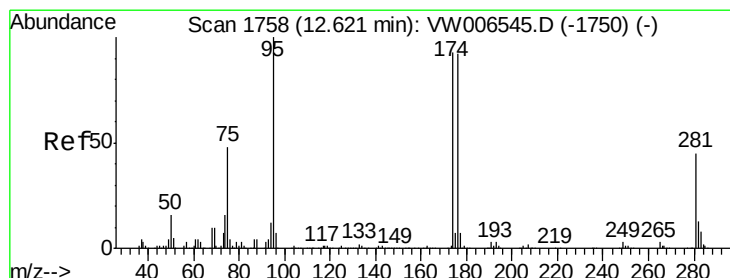
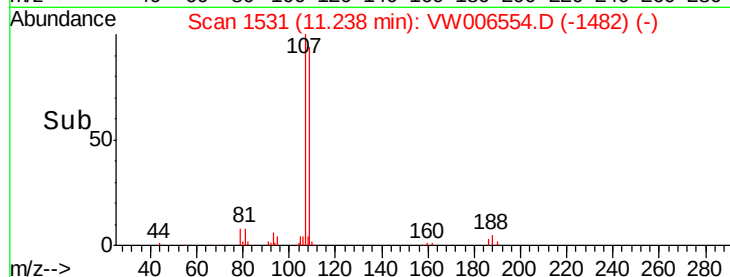
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.603 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

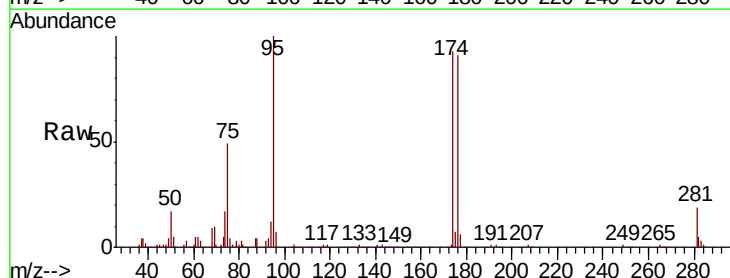
Tgt Ion: 95 Resp: 173925

Ion Ratio Lower Upper

95 100

174 97.3 0.0 192.4

176 94.6 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

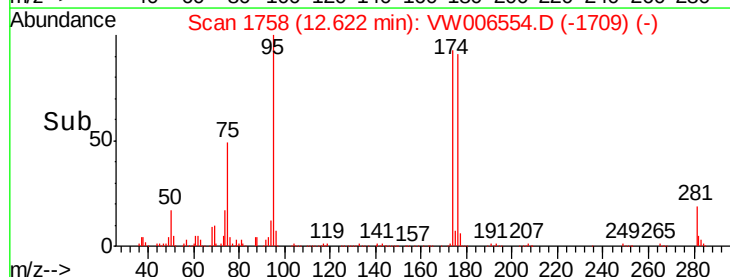
150000

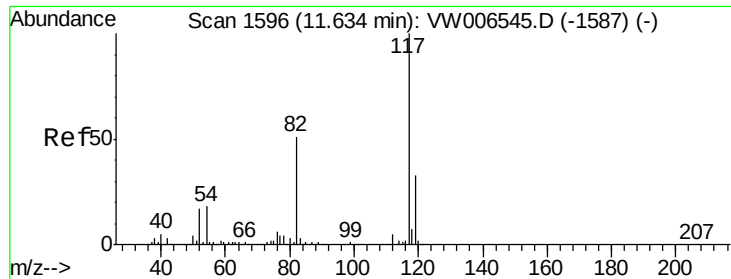
100000

50000

0

Time-->





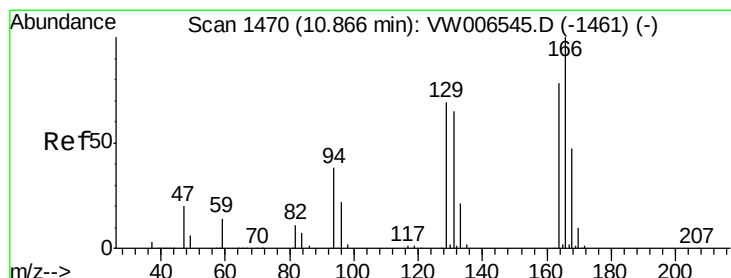
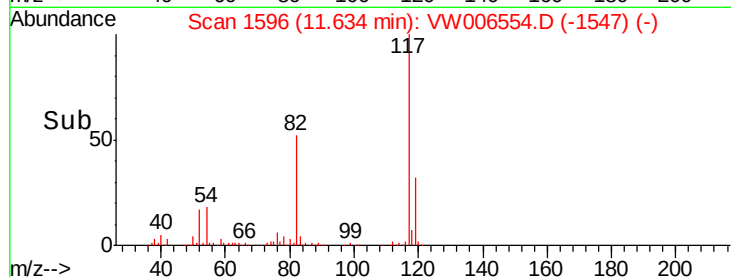
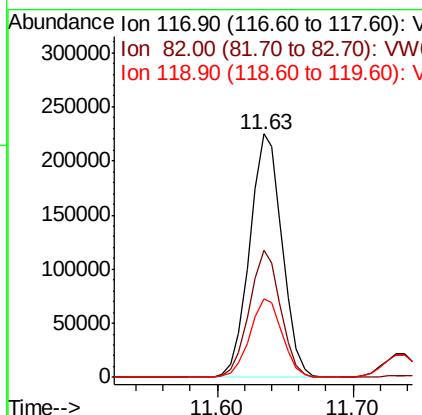
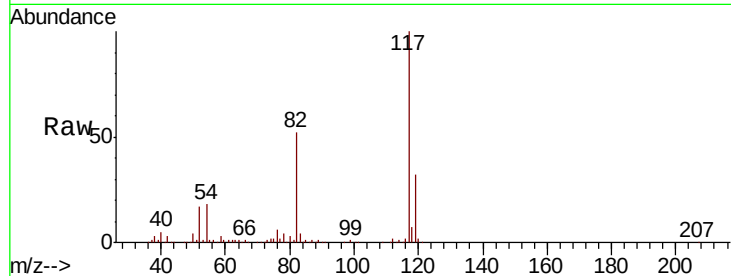
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	40.8	61.2
119	32.2	26.1	39.1

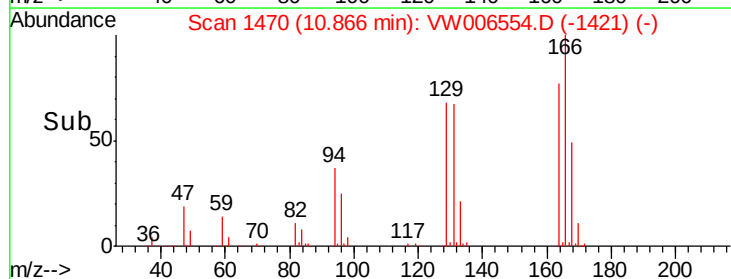
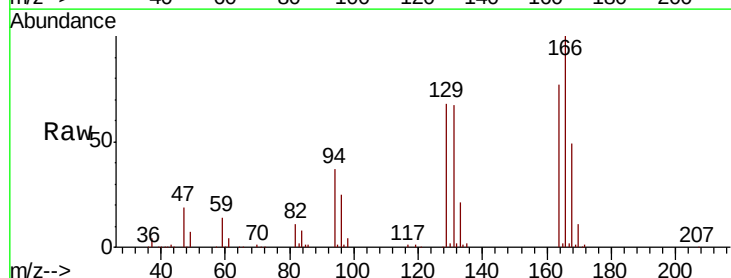
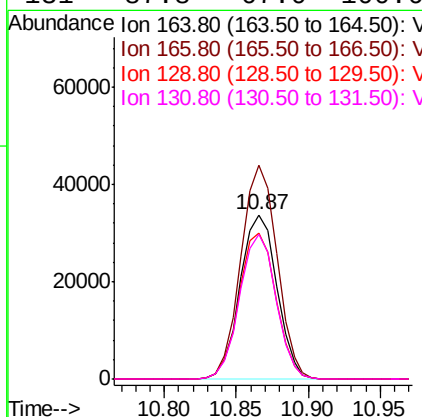
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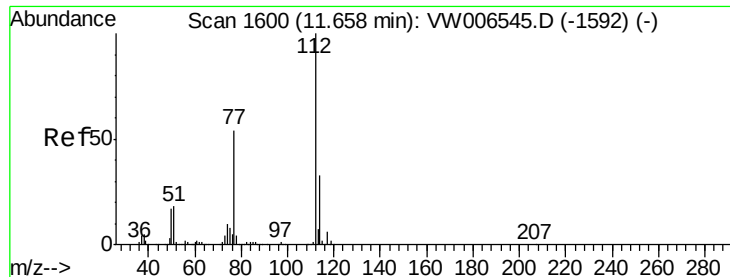
apatel
11/2/2018 3:20:57 PM



#64
Tetrachloroethene
Concen: 20.017 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	102.8	154.2
129	88.7	70.9	106.3
131	87.8	67.0	100.6





#65

Chlorobenzene

Concen: 20.979 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

Tot Ion:112 Resp: 165679

Ion Ratio Lower Upper

112 100

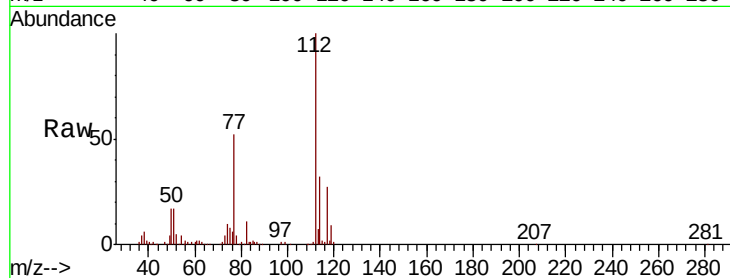
114 32.1 26.2 39.2

Manual Integrations

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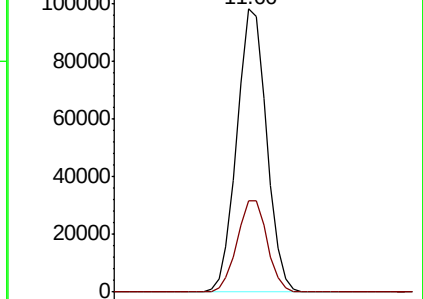
apatel

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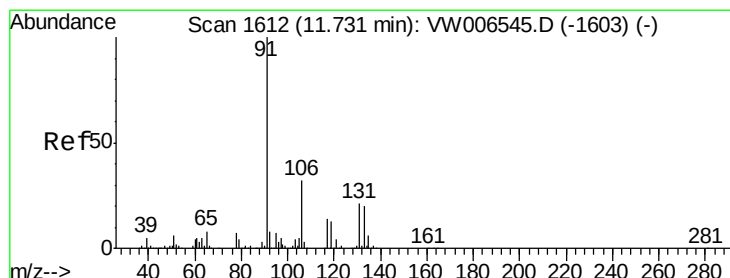
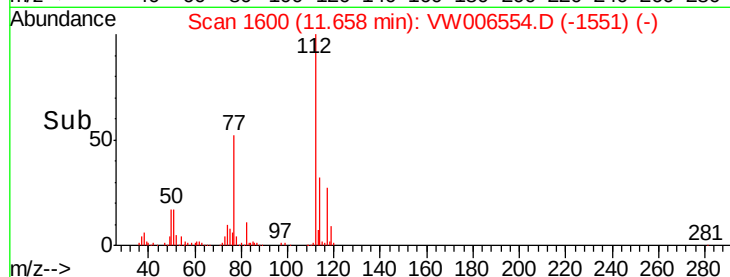


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.581 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

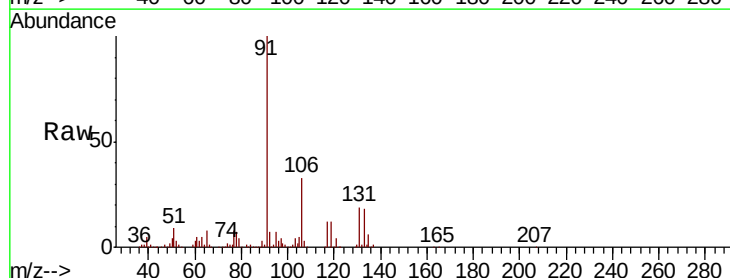
Tgt Ion:131 Resp: 57127

Ion Ratio Lower Upper

131 100

133 95.8 47.5 142.5

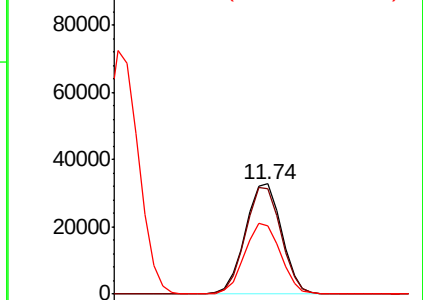
119 63.9 31.9 95.5



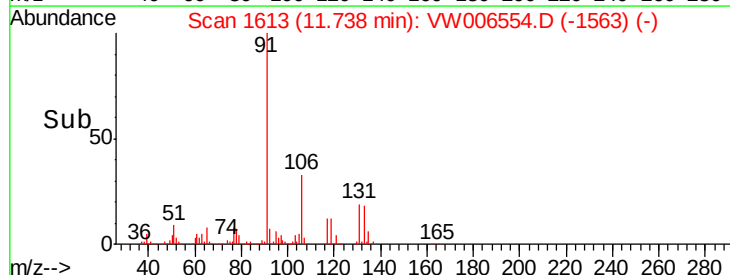
Abundance Ion 130.80 (130.50 to 131.50): V

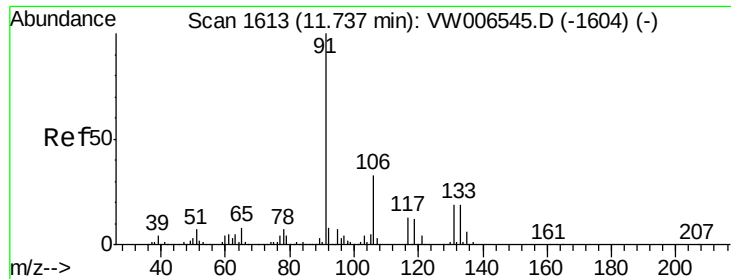
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 21.367 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampled :

VW1102SBSD01

Tot Ion: 91 Resp: 282047

Ion Ratio Lower Upper

91 100

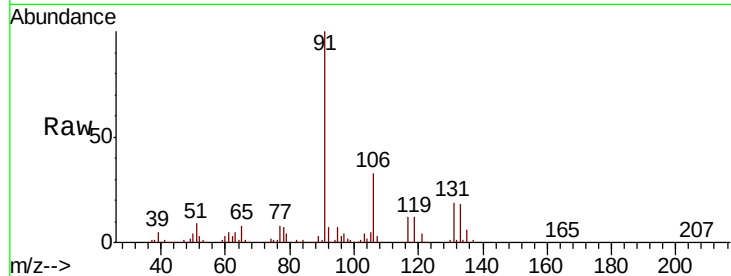
106 33.1 26.3 39.5

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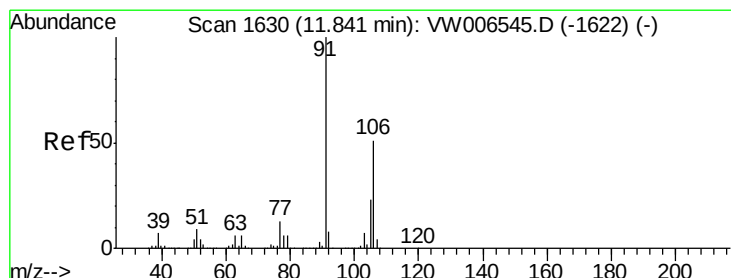
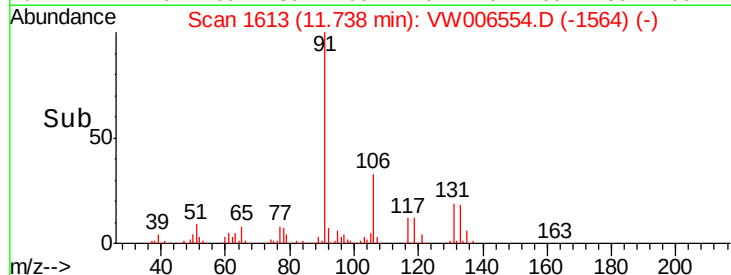
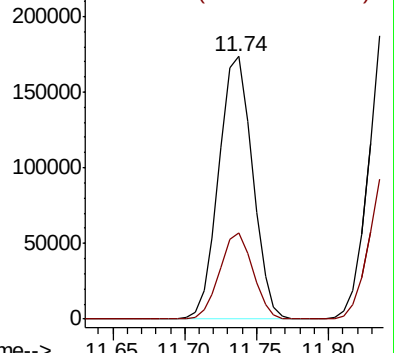
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.637 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW006554.D

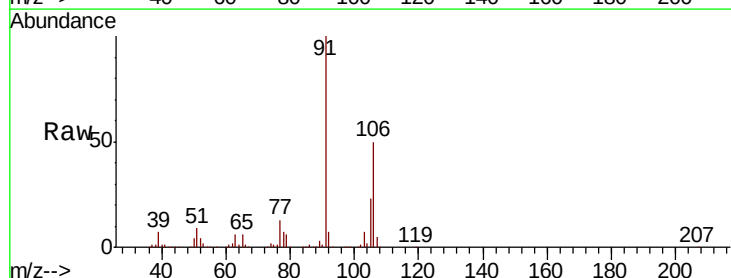
Acq: 01 Nov 2018 13:05

Tgt Ion: 106 Resp: 224853

Ion Ratio Lower Upper

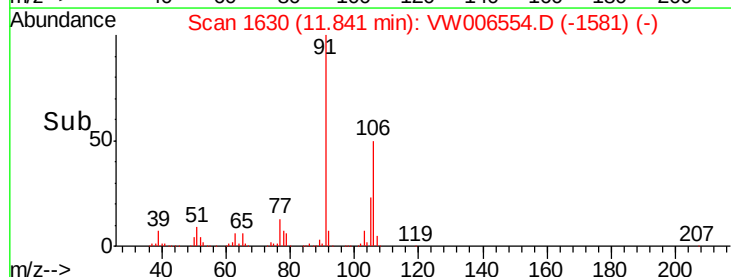
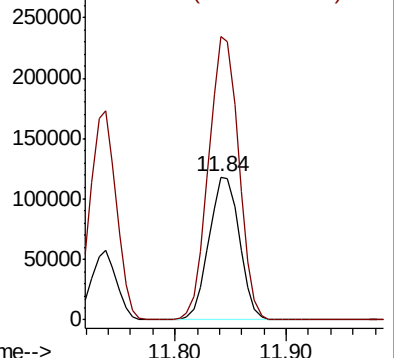
106 100

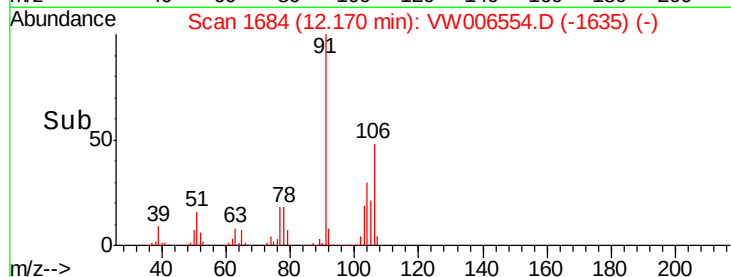
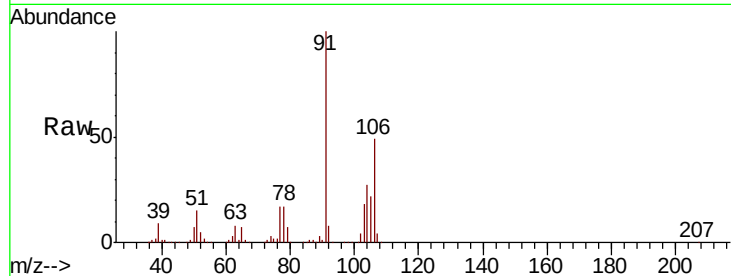
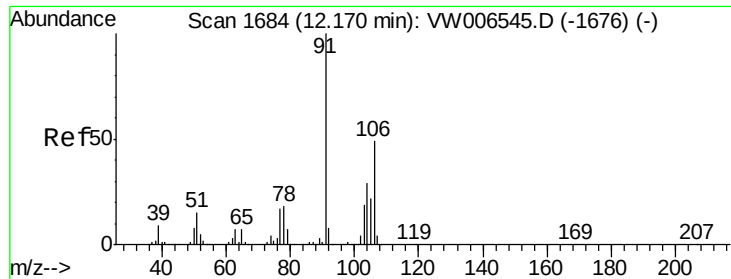
91 196.0 156.7 235.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





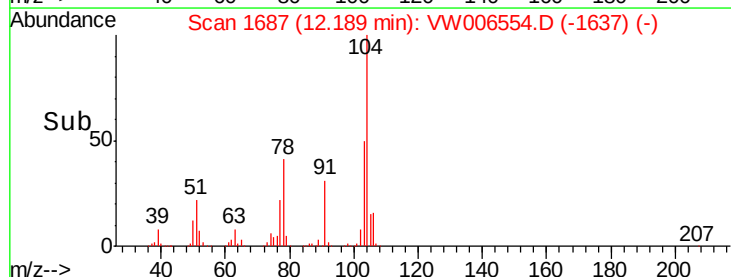
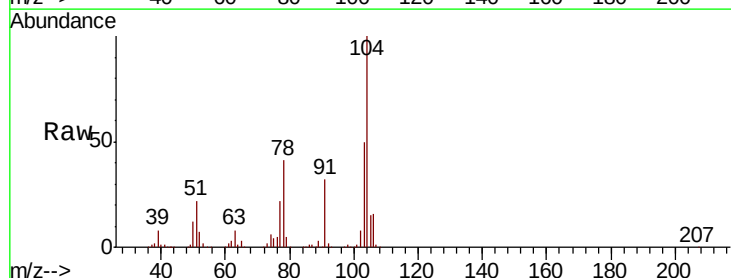
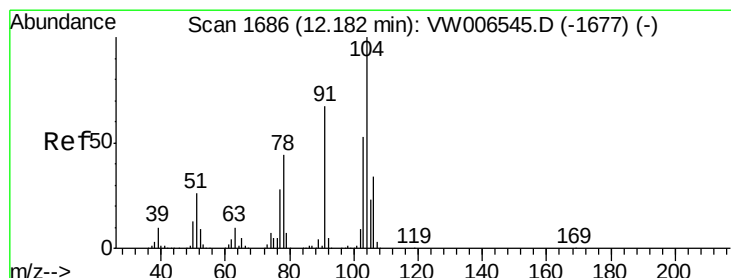
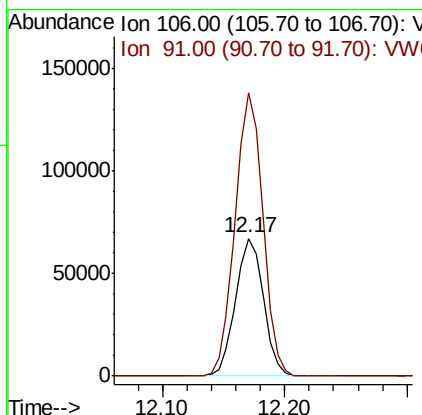
#69
o-Xylene
Concen: 21.126 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.2	102.8	308.4

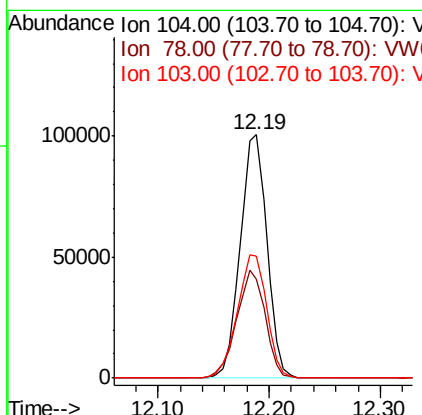
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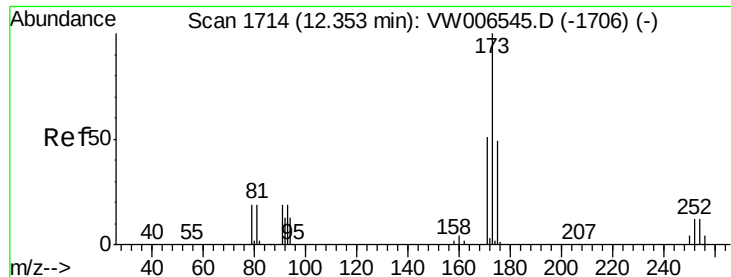
apatel
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#70
Styrene
Concen: 20.502 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.2	37.2	55.8
103	55.3	44.2	66.2





#71

Bromoform

Concen: 19.469 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

Tot Ion:173 Resp: 28647

Ion Ratio Lower Upper

173 100

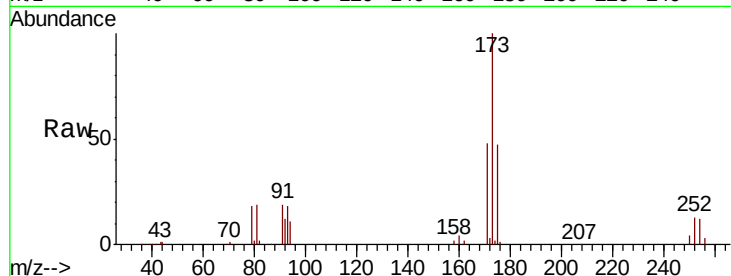
175 49.0 24.1 72.4

254 0.0 0.1 0.1#

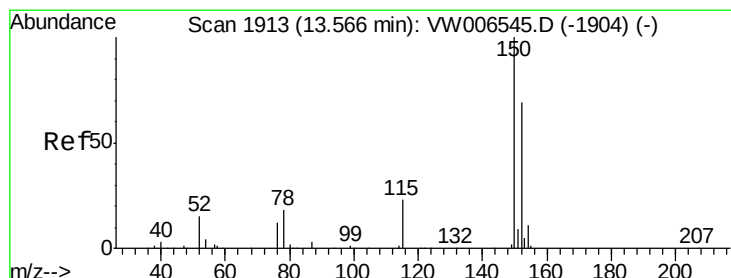
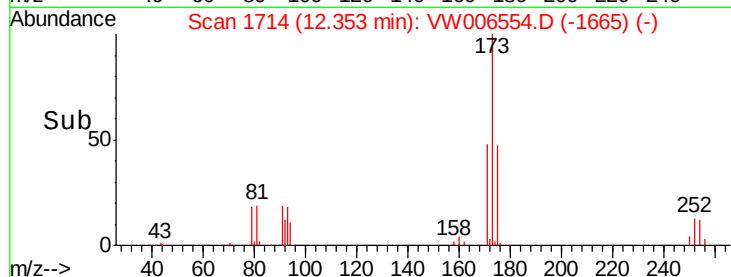
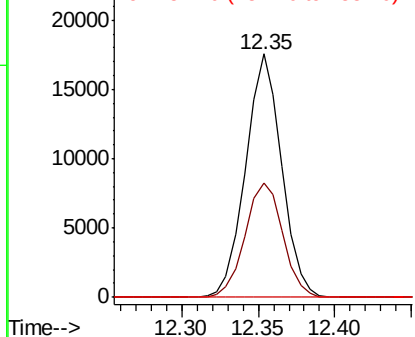
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

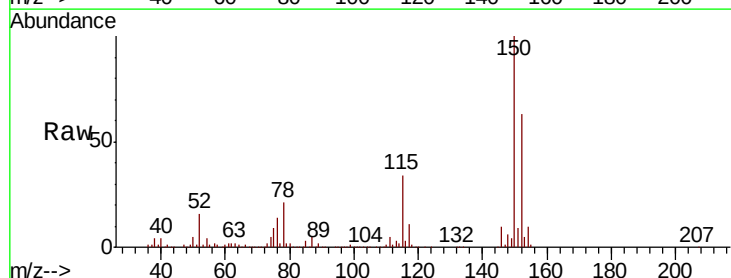
Tgt Ion:152 Resp: 208813

Ion Ratio Lower Upper

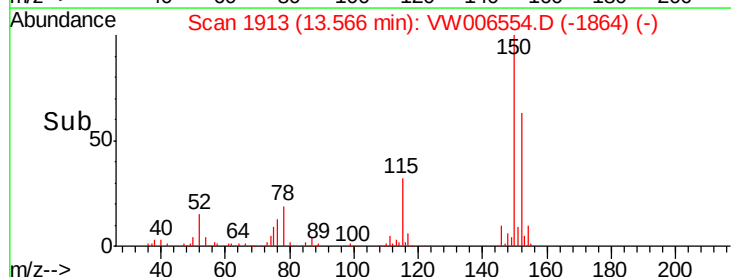
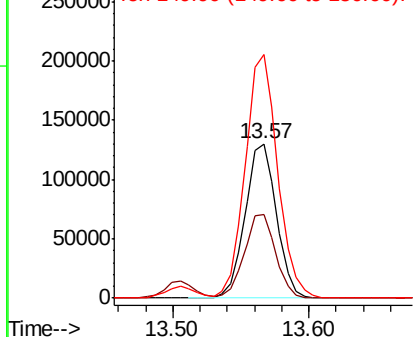
152 100

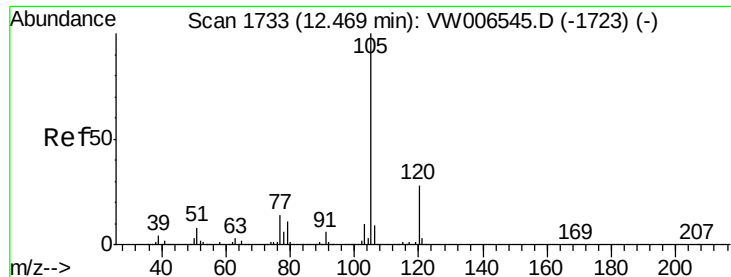
115 54.4 26.6 79.8

150 163.9 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





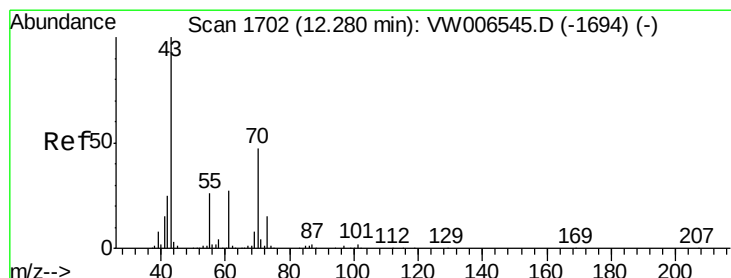
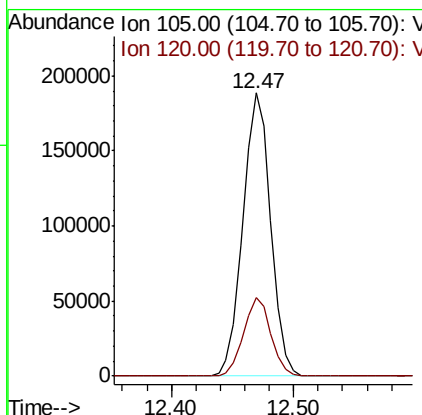
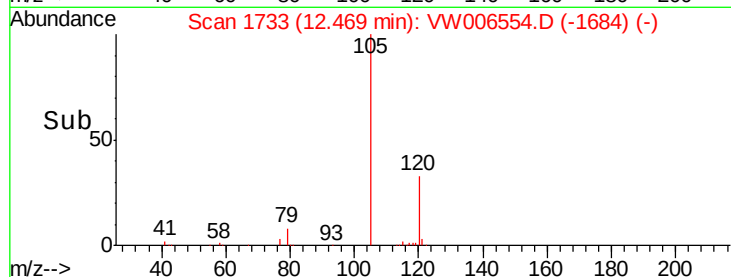
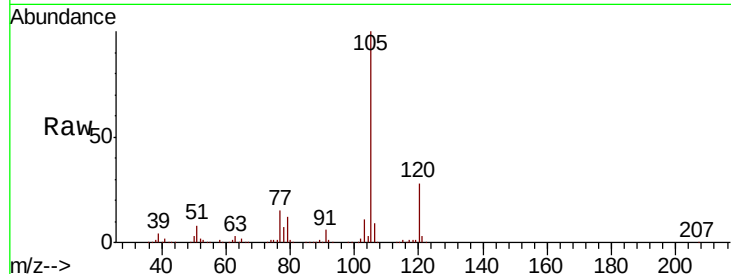
#73
Isopropylbenzene
Concen: 21.529 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.7	41.1

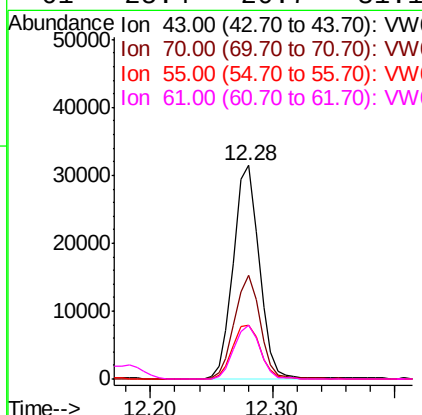
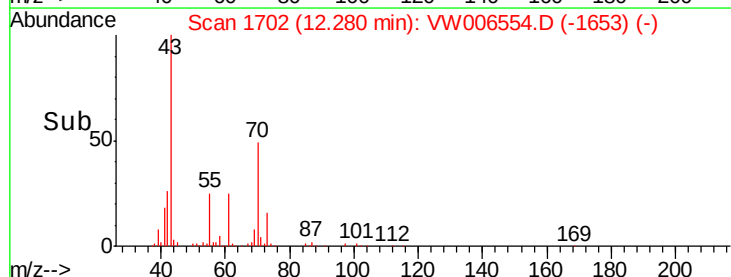
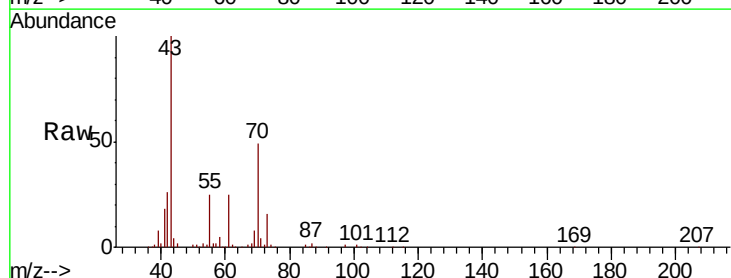
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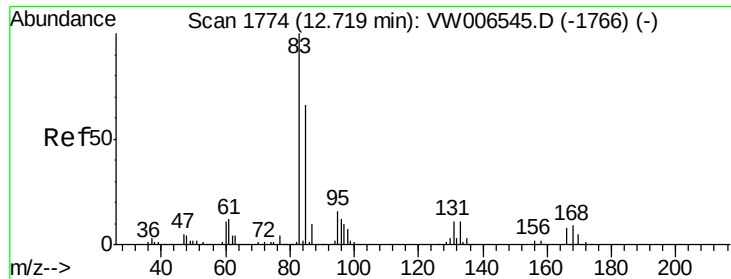
apatel
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#74
N-ethyl acetate
Concen: 19.507 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.9	36.9	55.3
55	27.2	20.7	31.1
61	25.4	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.106 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

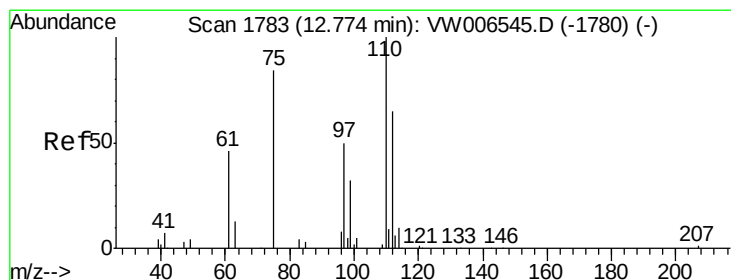
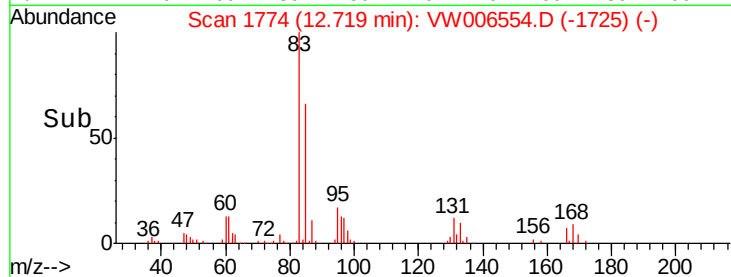
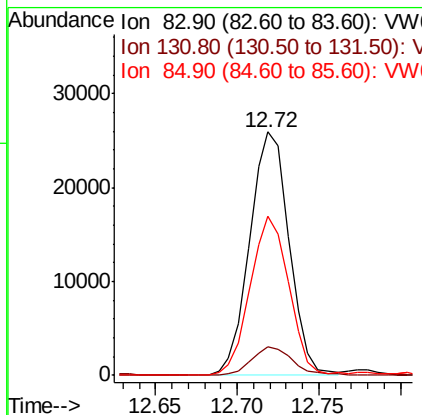
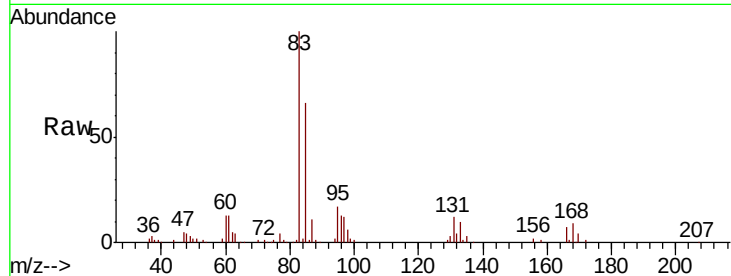
ClientSampled :

VW1102SBSD01

Tot Ion:	83	Resp:	43682
Ion Ratio	Lower	Upper	
83	100		
131	12.3	5.9	17.7
85	64.5	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 20.991 ug/l m

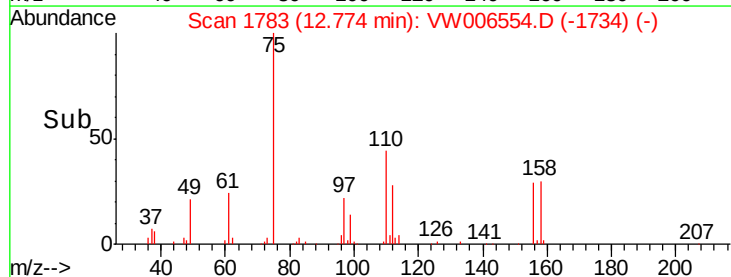
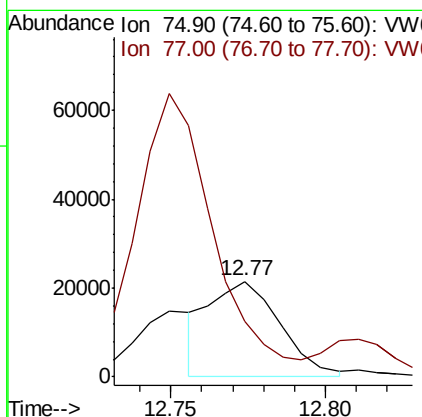
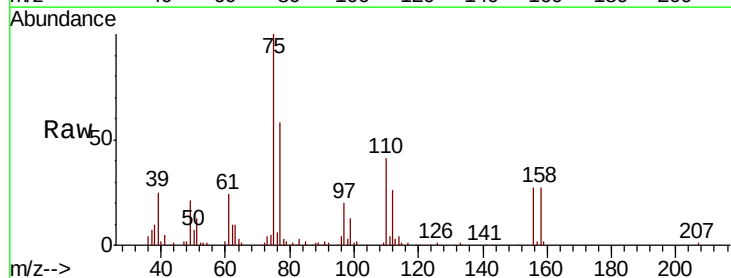
RT: 12.77 min Scan# 1783

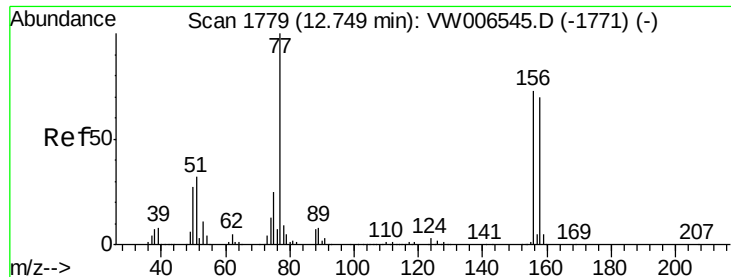
Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Tgt Ion:	75	Resp:	34199
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.739 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

Tot Ion:156 Resp: 73862

Ion Ratio Lower Upper

156 100

77 152.0 75.9 227.8

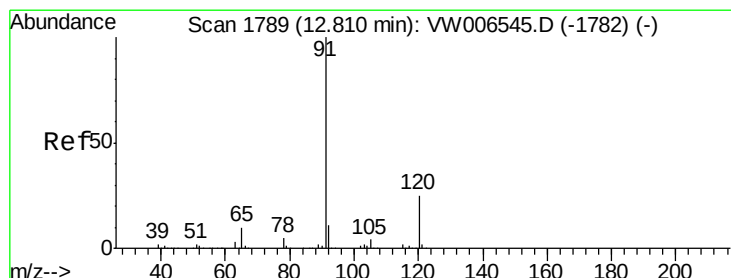
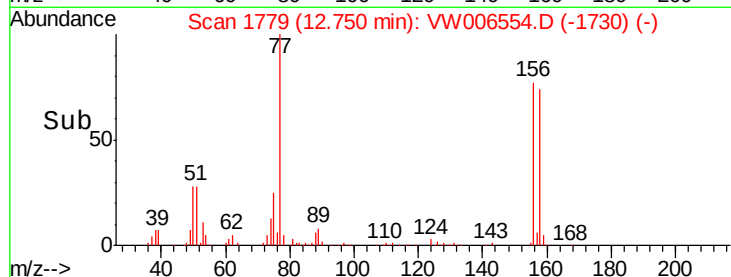
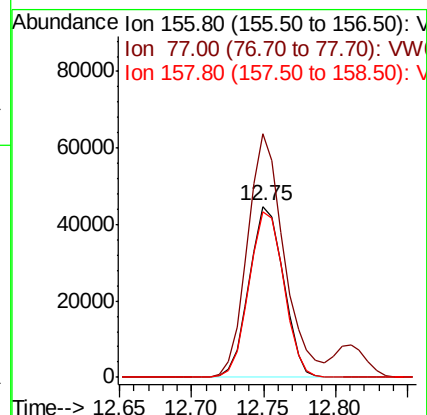
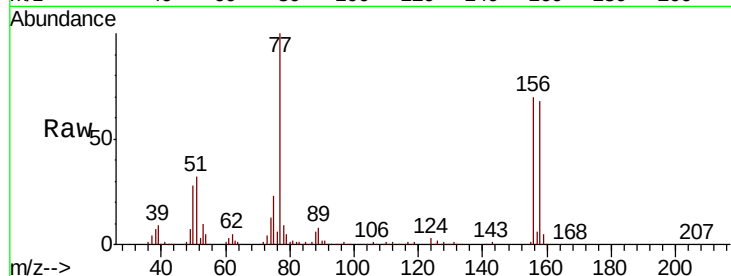
158 98.0 48.6 145.9

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#78

n-propylbenzene

Concen: 21.777 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006554.D

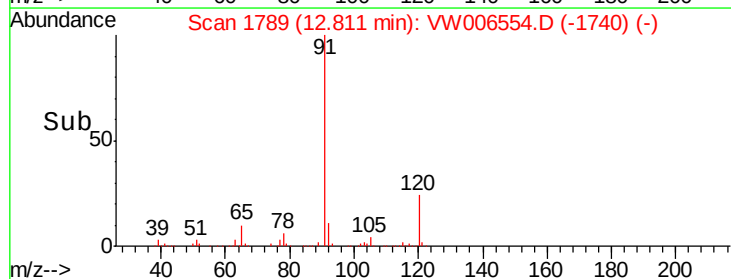
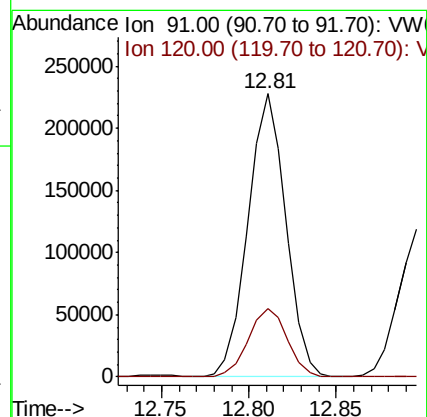
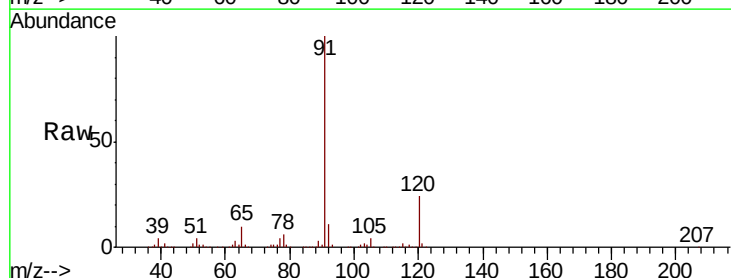
Acq: 01 Nov 2018 13:05

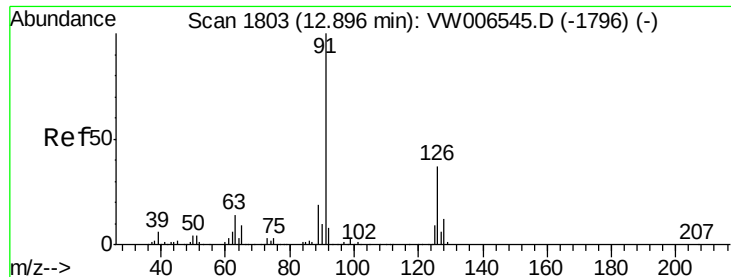
Tgt Ion: 91 Resp: 344554

Ion Ratio Lower Upper

91 100

120 24.7 12.4 37.0





#79

2-Chlorotoluene

Concen: 21.083 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

Tot Ion: 91 Resp: 191436

Ion Ratio Lower Upper

91 100

126 36.9

18.5

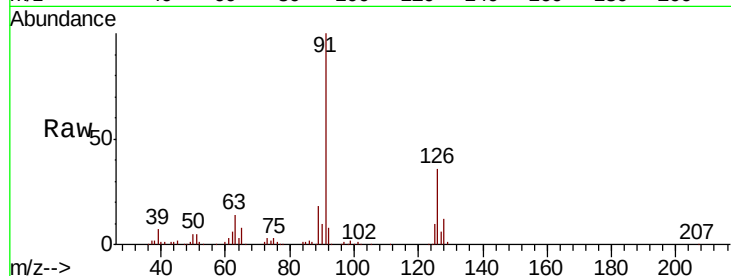
55.5

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

200000

150000

100000

50000

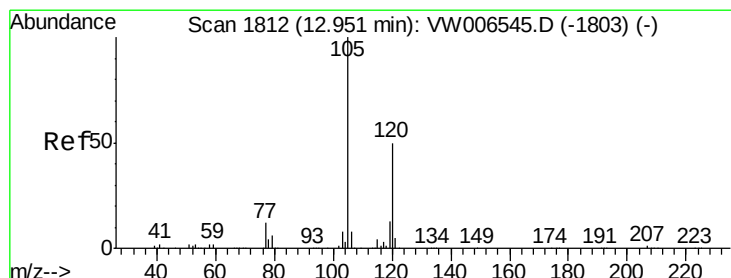
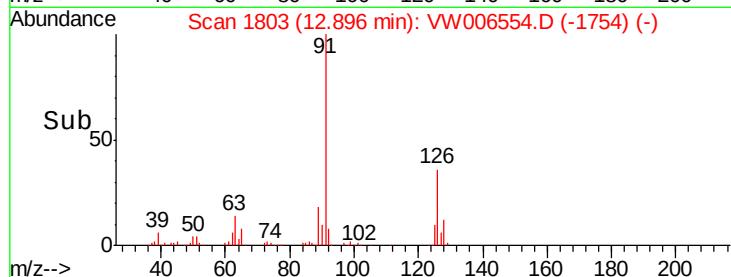
0

12.85

12.90

12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.432 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Tgt Ion:105 Resp: 247677

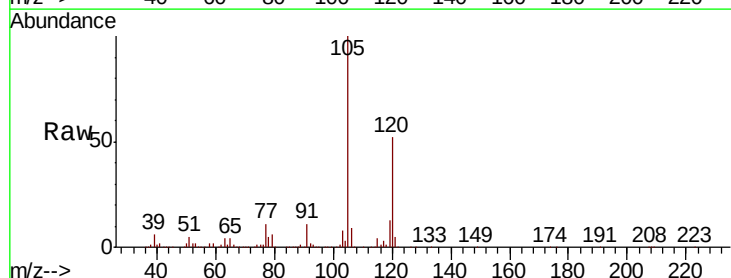
Ion Ratio Lower Upper

105 100

120 51.0

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

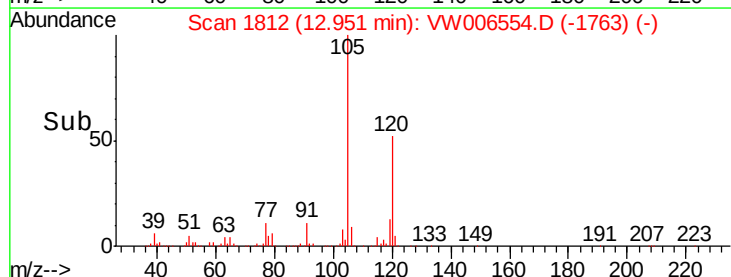
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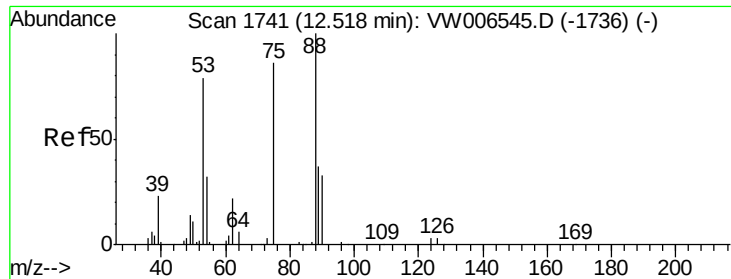
12.90

12.95

13.00

Time-->





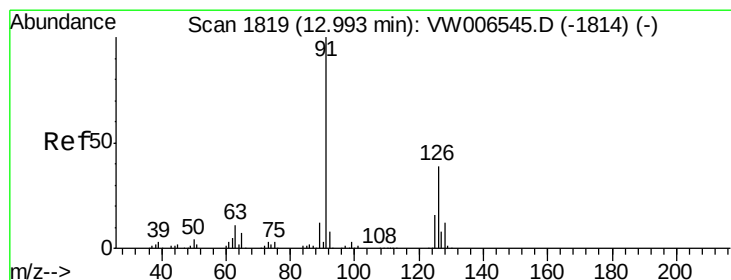
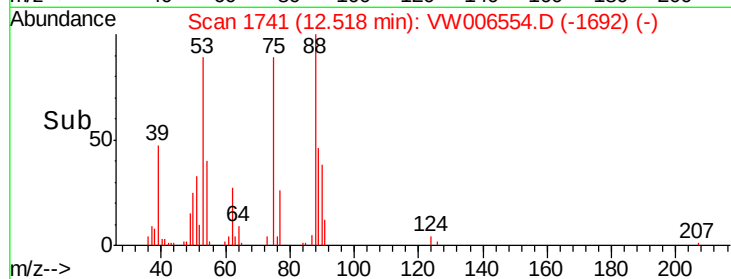
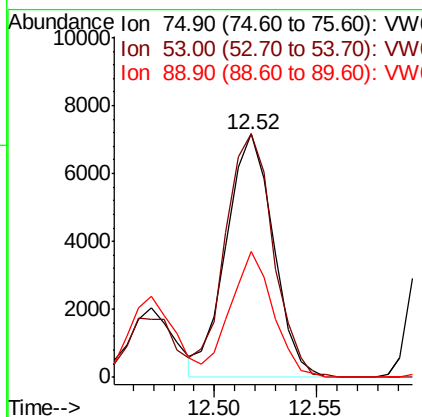
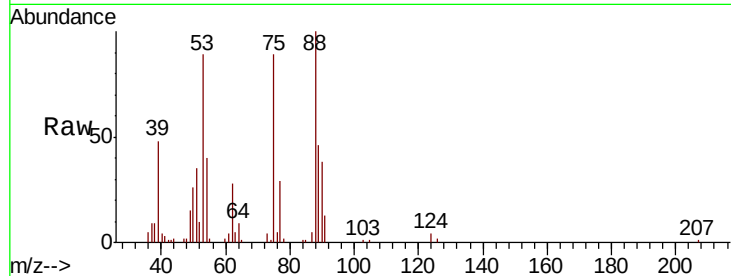
#81
trans-1,4-Dichloro-2-butene
Concen: 19.903 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.1	77.2	115.8
89	46.9	38.6	58.0

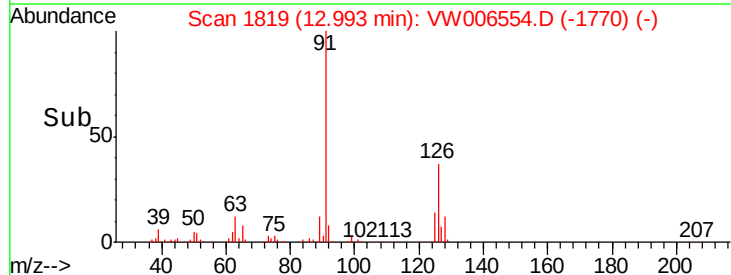
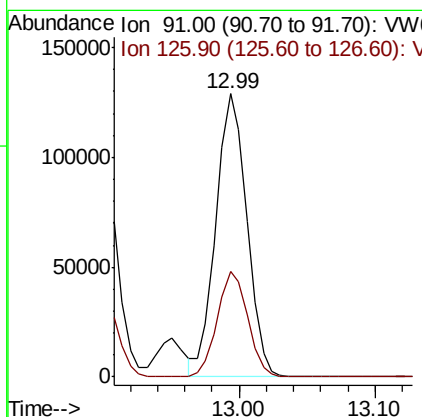
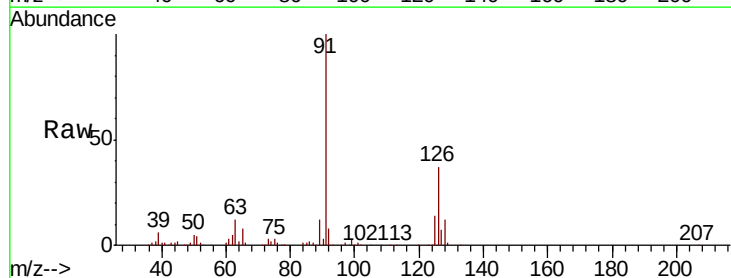
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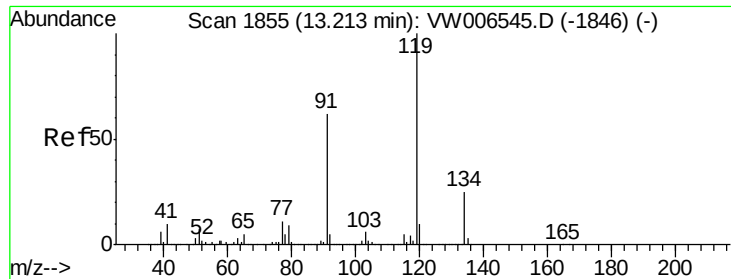
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#82
4-Chlorotoluene
Concen: 21.259 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.5	55.5





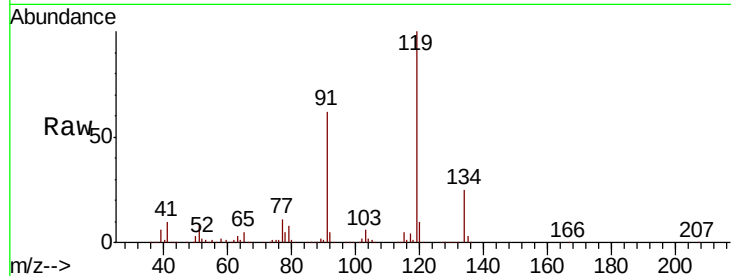
#83
tert-Butylbenzene
Concen: 21.589 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

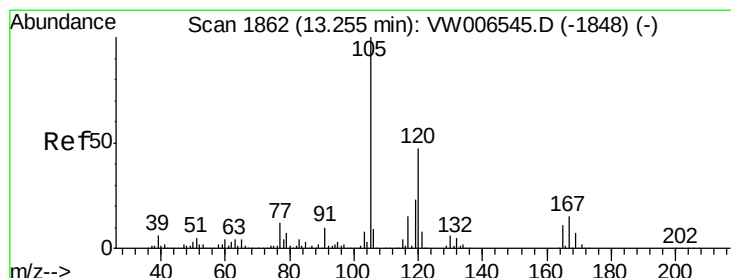
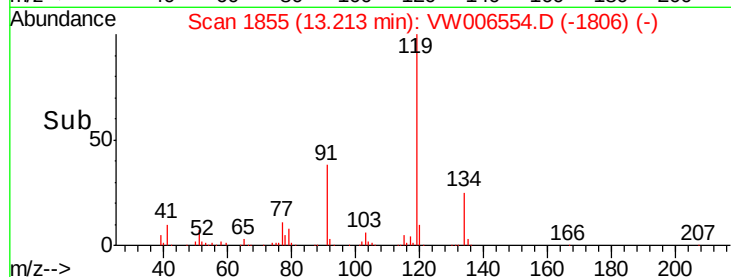
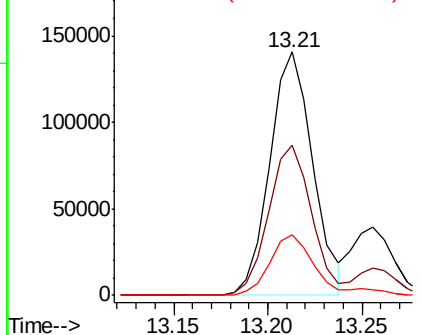
Tot Ion	Ratio	Resp	Lower	Upper
119	100	222491		
91	61.6		30.4	91.3
134	25.2		13.5	40.4

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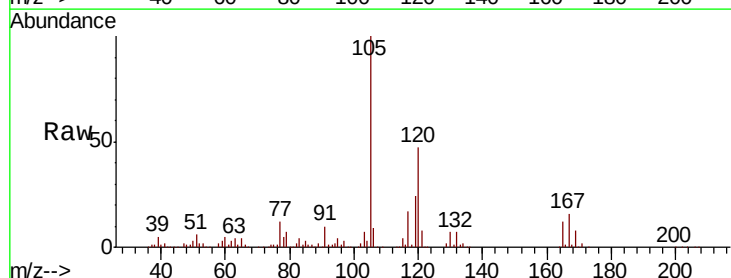


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

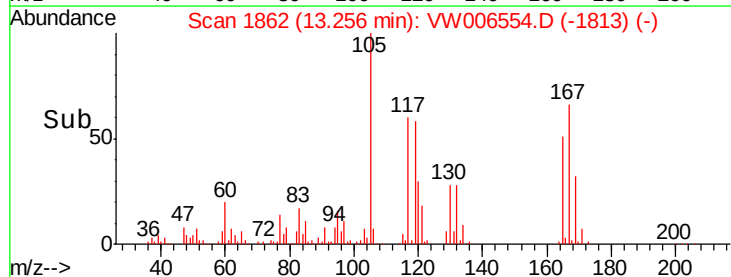
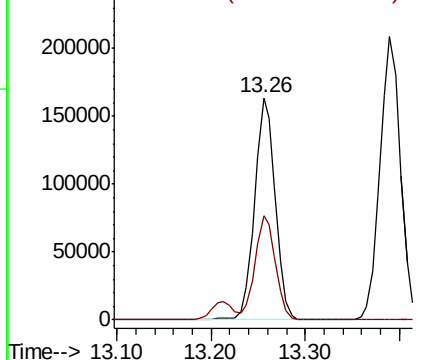


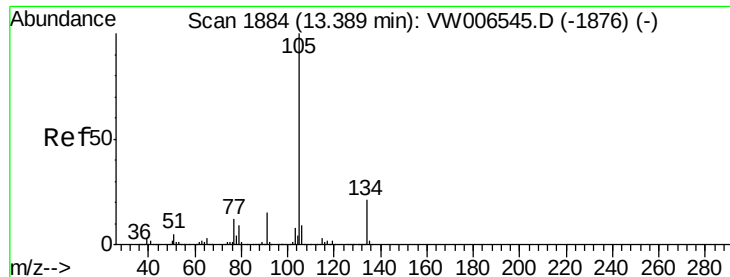
#84
1,2,4-Trimethylbenzene
Concen: 21.363 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	253227		
120	45.9		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: 21.848 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

Tot Ion:105 Resp: 315353

Ion Ratio Lower Upper

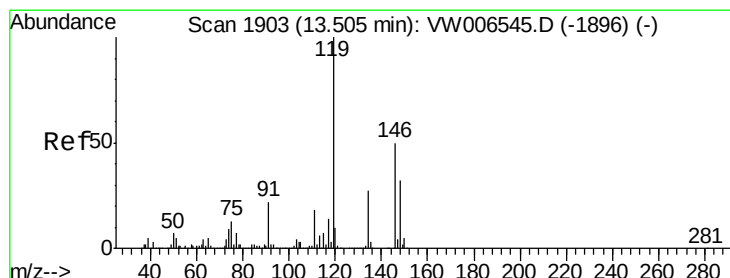
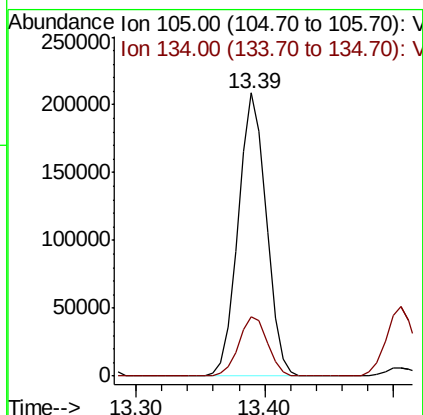
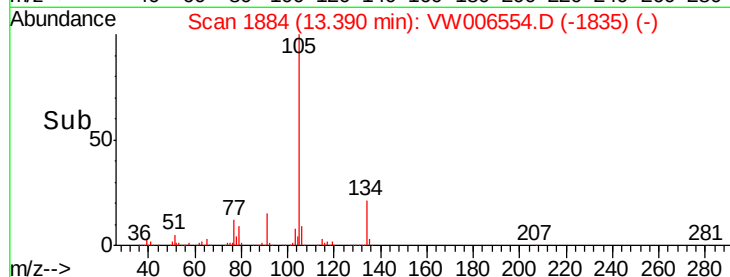
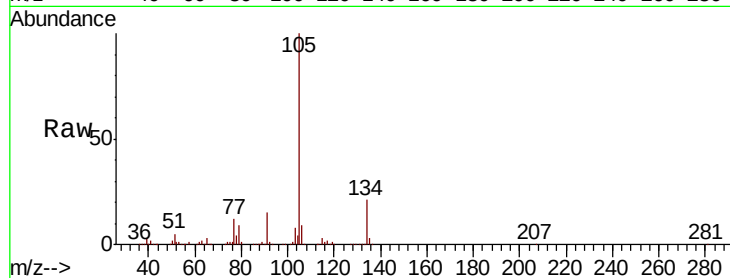
105 100

134 21.4 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 21.833 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

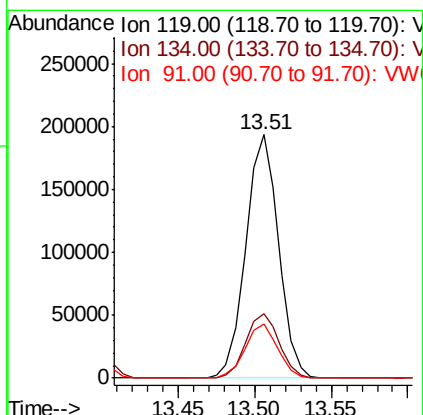
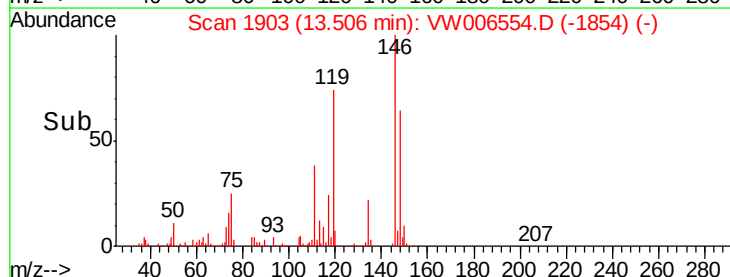
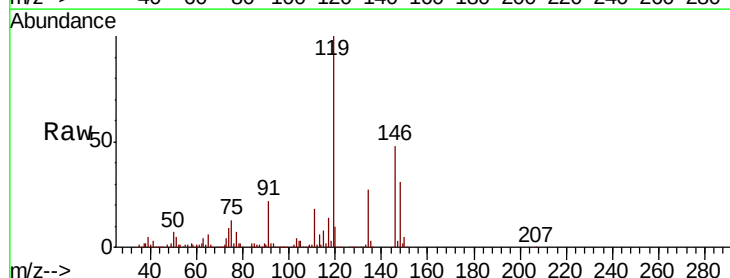
Tgt Ion:119 Resp: 286746

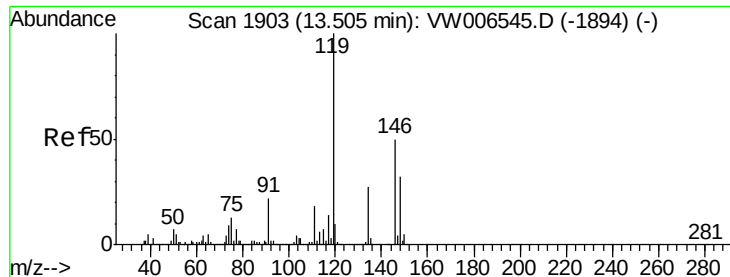
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.0 10.9 32.6





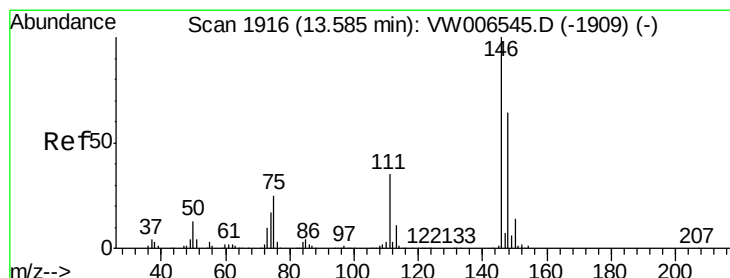
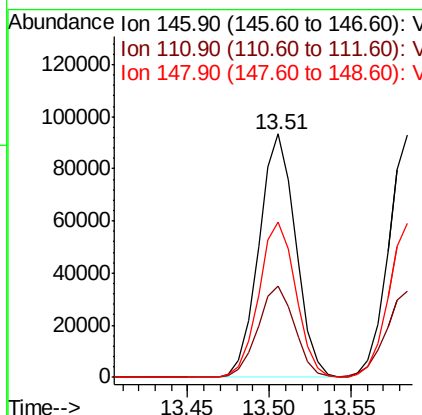
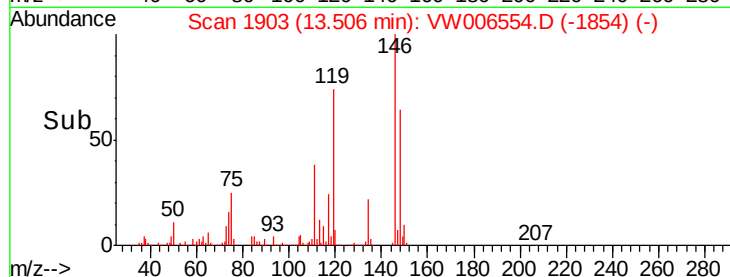
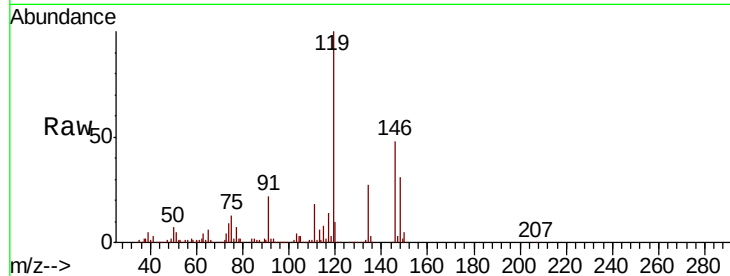
#87
 1,3-Dichlorobenzene
 Concen: 20.855 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.6
148	64.4	32.1	96.3

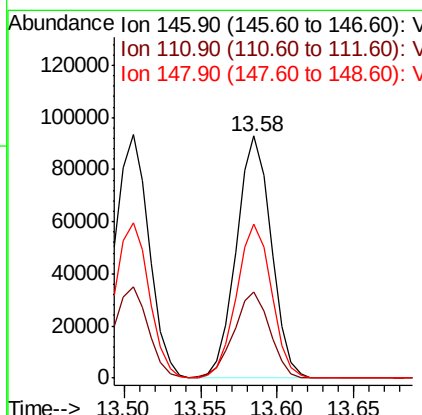
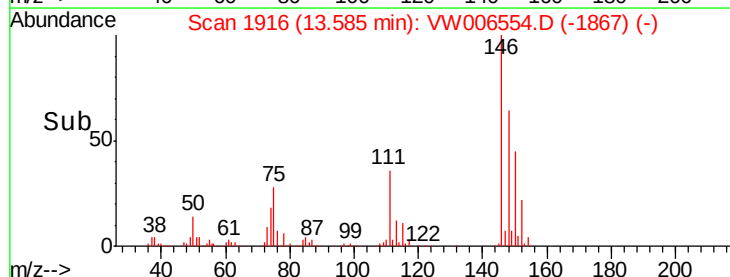
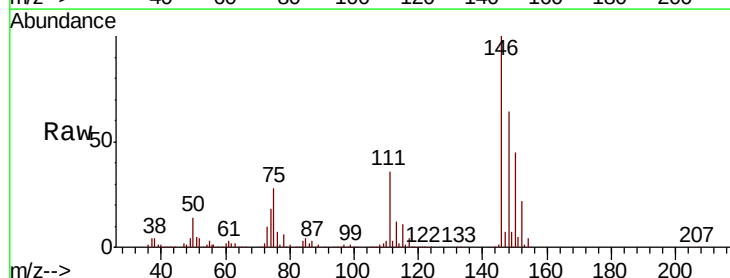
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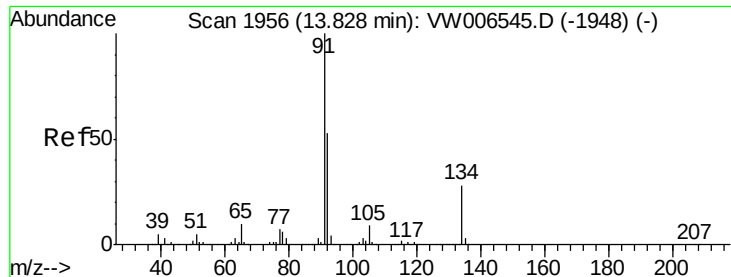
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#88
 1,4-Dichlorobenzene
 Concen: 21.120 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	17.9	53.7
148	63.9	32.1	96.5





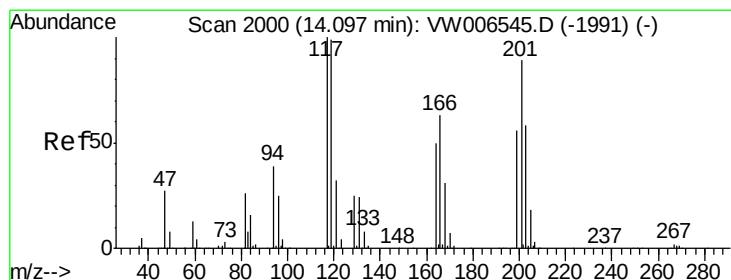
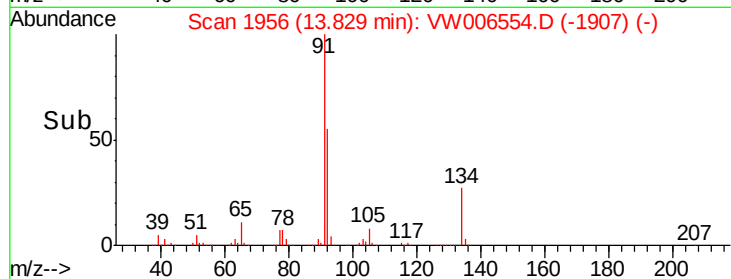
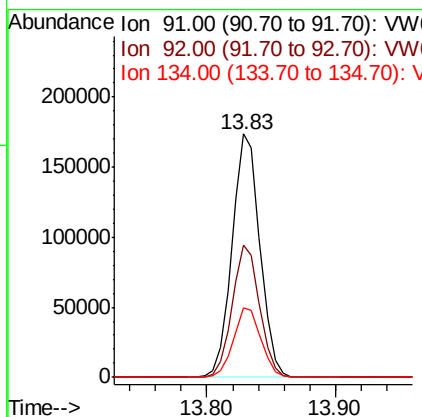
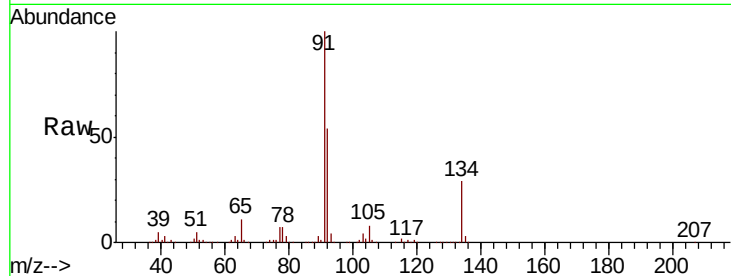
#89
n-Butylbenzene
Concen: 22.306 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.4	79.0
134	28.5	14.3	42.9

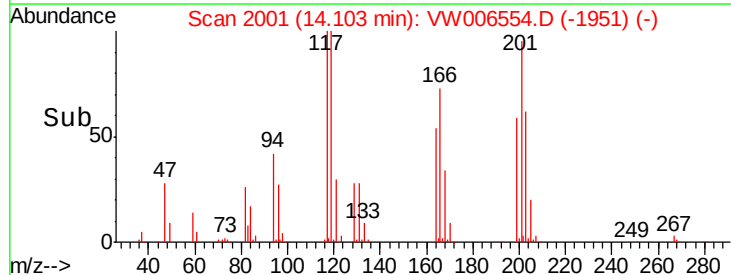
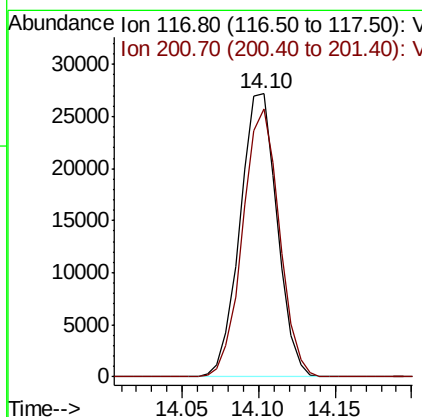
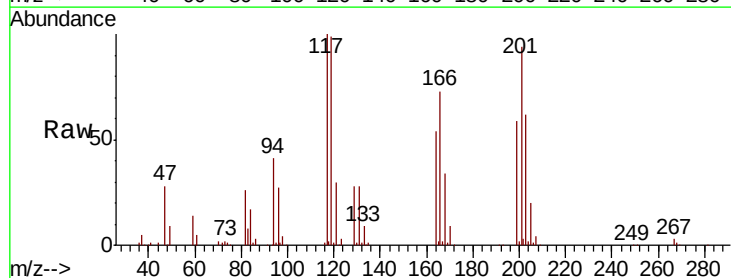
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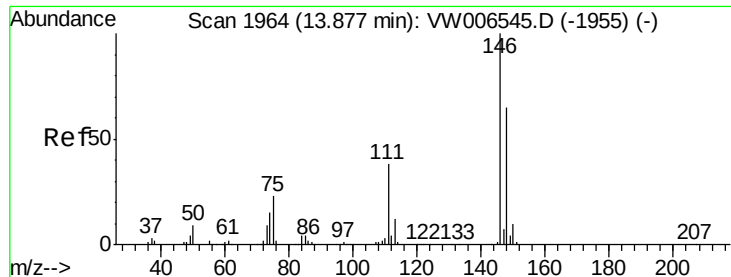
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#90
Hexachloroethane
Concen: 21.290 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.3	46.8	140.3





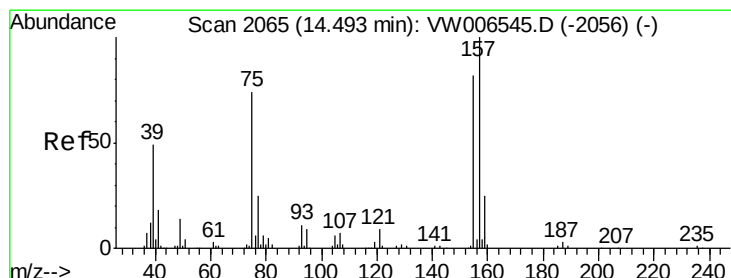
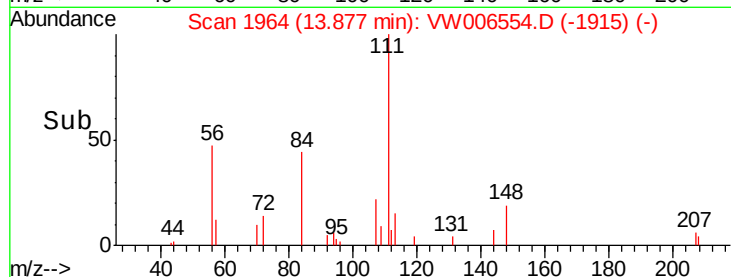
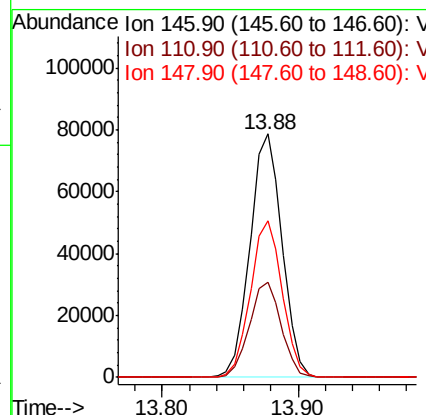
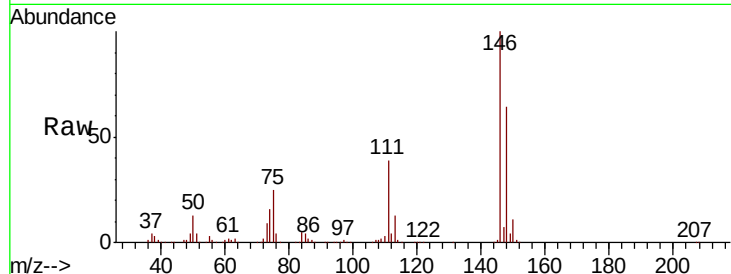
#91
 1,2-Dichlorobenzene
 Concen: 20.540 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.5
148	64.0	32.0	96.0

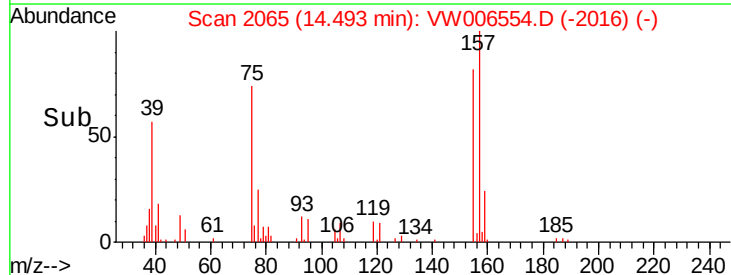
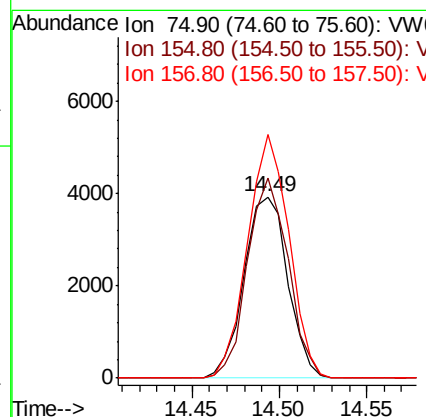
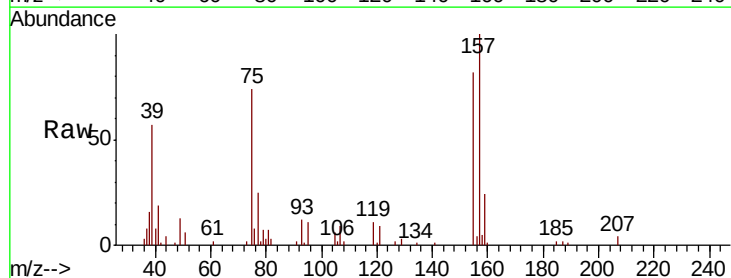
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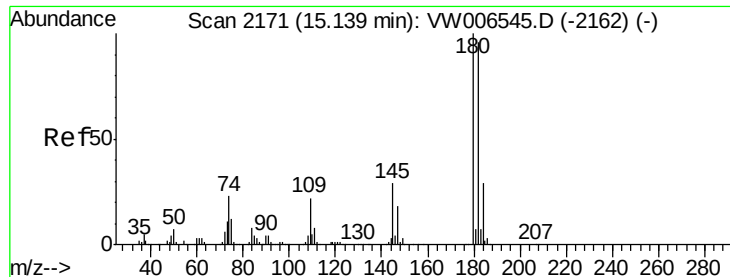
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.454 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.1	50.6	151.8
157	126.3	65.0	195.0





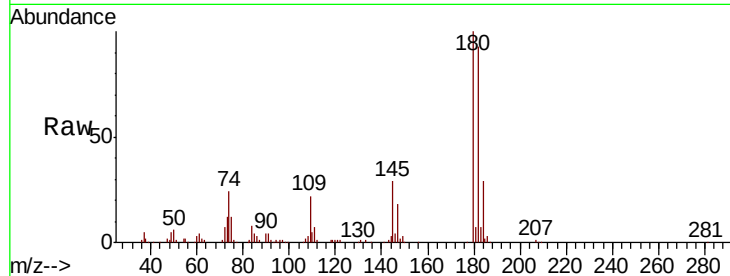
#93
 1,2,4-Trichlorobenzene
 Concen: 21.322 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.5	142.6	
145	28.1	14.0	42.0	

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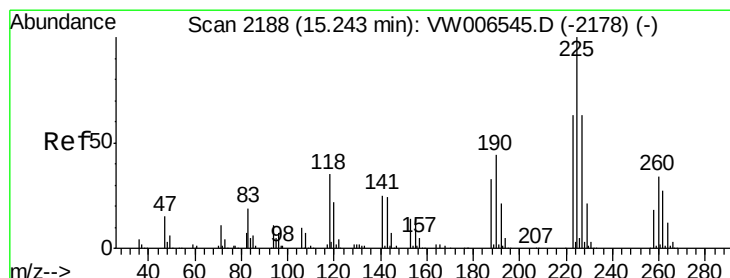
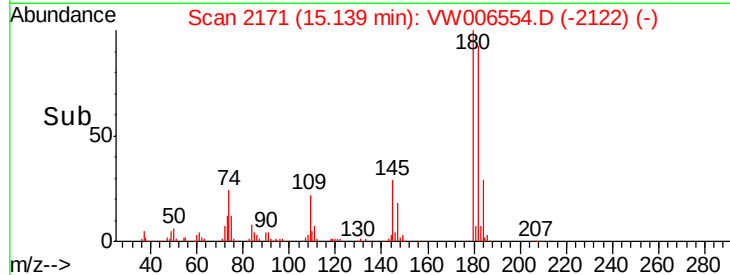
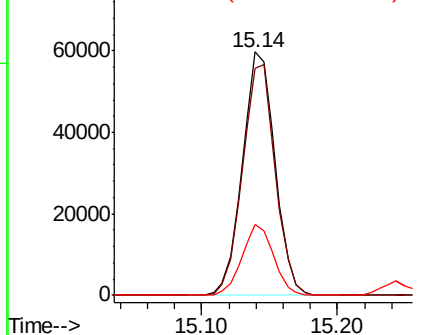


Abundance

Ion 179.80 (179.50 to 180.50): V

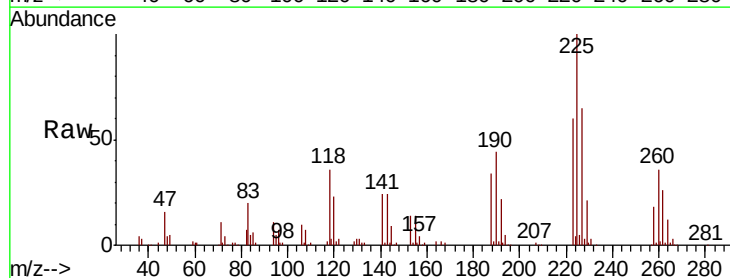
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.937 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	31.4	94.2	
227	64.1	32.2	96.6	

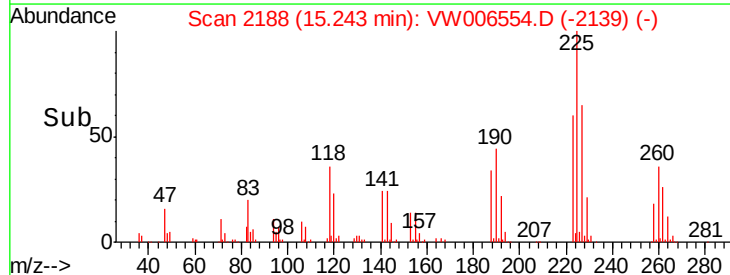
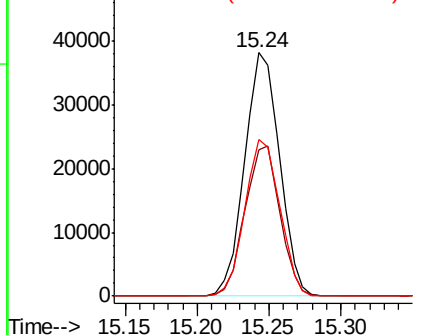


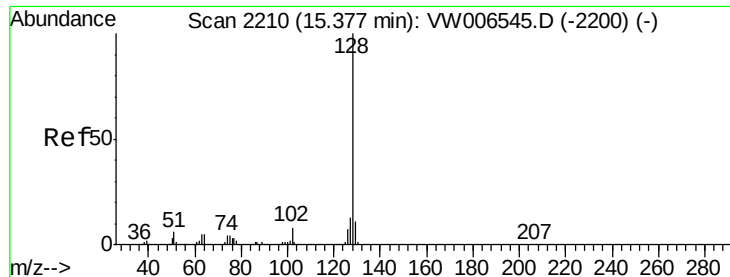
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





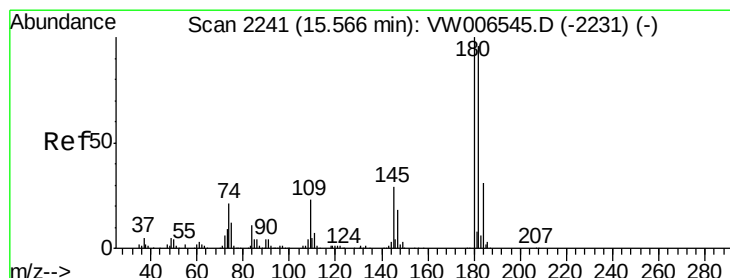
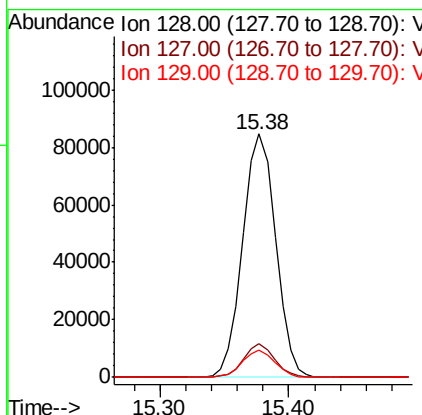
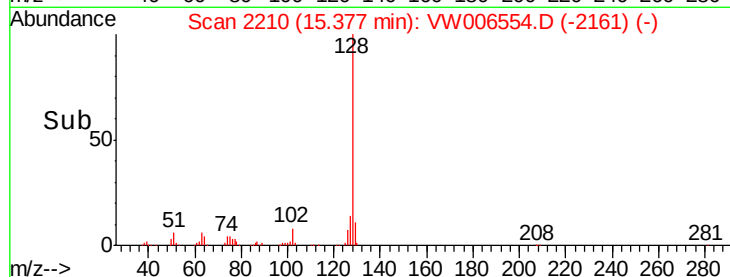
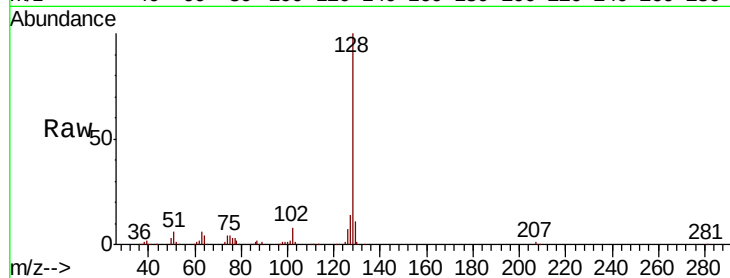
#95
Naphthalene
Concen: 19.920 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

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

Manual Integrations
APPROVED

apatel
11/2/2018 3:20:57 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.589 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.2	144.6
145	29.4	14.9	44.5

