

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007678.D
 Acq On : 19 Dec 2018 01:57
 Operator : SY/AP
 Sample : VW1220SBS02
 Misc : 4.77G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS02

Manual Integrations
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 12/19/2018 12:15:46 PM

Quant Time: Dec 19 05:56:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	60430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	101716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	92365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47311	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	33417	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
35) Dibromofluoromethane	7.88	113	30505	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.32	98	111767	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	12.62	95	43960	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	9948	23.557	ug/l	92
3) Chloromethane	2.21	50	6670	18.859	ug/l	92
4) Vinyl Chloride	2.36	62	8665	20.877	ug/l	95
5) Bromomethane	2.78	94	6370	22.843	ug/l	99
6) Chloroethane	2.92	64	4929	21.574	ug/l	96
7) Trichlorofluoromethane	3.26	101	8373	22.439	ug/l	97
8) Diethyl Ether	3.67	74	6799	23.280	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	13620	22.121	ug/l	97
10) Methyl Iodide	4.26	142	22706	22.267	ug/l	97
11) Tert butyl alcohol	5.17	59	5223	113.436	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	12920	21.795	ug/l	93
13) Acrolein	3.89	56	3003	98.566	ug/l	99
14) Allyl chloride	4.66	41	17870	20.451	ug/l	96
15) Acrylonitrile	5.36	53	13578	110.286	ug/l	98
16) Acetone	4.12	43	11541	98.554	ug/l	99
17) Carbon Disulfide	4.37	76	37133	20.659	ug/l	99
18) Methyl Acetate	4.67	43	7198	22.647	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	20098	22.474	ug/l	99
20) Methylene Chloride	4.91	84	15362	21.777	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	14750	22.243	ug/l	96
22) Diisopropyl ether	6.31	45	35423	21.091	ug/l	93
23) Vinyl Acetate	6.26	43	98895	105.270	ug/l	98
24) 1,1-Dichloroethane	6.21	63	24736	21.791	ug/l	98
25) 2-Butanone	7.17	43	15682	102.578	ug/l	99
26) 2,2-Dichloropropane	7.16	77	16809	22.374	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	16360	22.531	ug/l	98
28) Bromochloromethane	7.51	49	9149	21.427	ug/l	93
29) Tetrahydrofuran	7.53	42	9934	102.643	ug/l	96
30) Chloroform	7.68	83	28157	22.793	ug/l	100
31) Cyclohexane	7.96	56	20346	19.535	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	25376	23.425	ug/l	98
36) 1,1-Dichloropropene	8.08	75	20415	22.002	ug/l	99
37) Ethyl Acetate	7.25	43	6761	19.591	ug/l #	94
38) Carbon Tetrachloride	8.07	117	23680	23.454	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	24064	21.417	ug/l	91
40) Benzene	8.32	78	58113	22.568	ug/l	98
41) Methacrylonitrile	7.49	41	4379	22.282	ug/l	95
42) 1,2-Dichloroethane	8.40	62	19280	23.835	ug/l	100
43) Isopropyl Acetate	8.42	43	14569	21.371	ug/l	97
44) Trichloroethene	9.09	130	16924	23.016	ug/l	94
45) 1,2-Dichloropropane	9.37	63	13432	22.541	ug/l	97
46) Dibromomethane	9.46	93	7917	23.395	ug/l	99
47) Bromodichloromethane	9.65	83	20975	23.630	ug/l #	95
48) Methyl methacrylate	9.43	41	7307	20.870	ug/l	93
49) 1,4-Dioxane	9.45	88	2828	515.044	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	34043	105.689	ug/l	100
52) Toluene	10.39	92	38713	23.231	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	19619	22.767	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	22121	22.206	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	10810	23.471	ug/l	95
56) Ethyl methacrylate	10.65	69	12459	22.506	ug/l	99
57) 1,3-Dichloropropane	10.93	76	18431	24.381	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	26865	105.236	ug/l	96
59) 2-Hexanone	10.97	43	23373	108.823	ug/l	98
60) Dibromochloromethane	11.13	129	14465	24.887	ug/l	98
61) 1,2-Dibromoethane	11.24	107	11275	24.772	ug/l	92
64) Tetrachloroethene	10.86	164	15018	22.610	ug/l	95
65) Chlorobenzene	11.66	112	43971	22.840	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	15848	23.373	ug/l	96
67) Ethyl Benzene	11.73	91	75603	22.841	ug/l	94
68) m/p-Xylenes	11.84	106	59348	46.122	ug/l	99
69) o-Xylene	12.17	106	28073	23.360	ug/l	97
70) Styrene	12.18	104	46725	24.072	ug/l	98
71) Bromoform	12.35	173	8341	24.034	ug/l #	98
73) Isopropylbenzene	12.47	105	78369	21.618	ug/l	99
74) N-amyl acetate	12.27	43	13834	20.998	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	11883	22.132	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	9027m	23.141	ug/l	
77) Bromobenzene	12.75	156	18134	22.567	ug/l	97
78) n-propylbenzene	12.80	91	92094	22.573	ug/l	99
79) 2-Chlorotoluene	12.90	91	54185	21.950	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	68016	22.329	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3443	19.497	ug/l	99
82) 4-Chlorotoluene	12.99	91	58215	22.372	ug/l	96
83) tert-Butylbenzene	13.21	119	60657	22.600	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	70457	22.478	ug/l	99
85) sec-Butylbenzene	13.39	105	82953	22.640	ug/l	96
86) p-Isopropyltoluene	13.51	119	74664	22.683	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	36504	22.785	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	36441	22.625	ug/l	97
89) n-Butylbenzene	13.83	91	67492	22.118	ug/l	99
90) Hexachloroethane	14.10	117	13280	22.675	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	33546	23.378	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2155	20.000	ug/l	85

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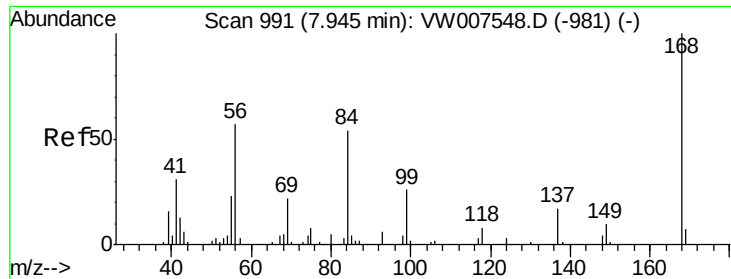
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	22139	22.419	ug/l	97
94) Hexachlorobutadiene	15.24	225	11750	22.425	ug/l	100
95) Naphthalene	15.38	128	40316	21.341	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	18838	21.960	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007678.D

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Instrument :

MSVOA_W

ClientSampleId :

VW1220SBSD02

Tgt Ion: 168 Resp: 60430

Ion Ratio Lower Upper

168 100

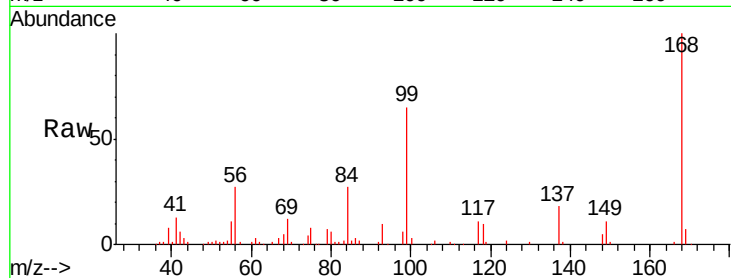
99 64.8 48.3 72.5

Manual Integrations

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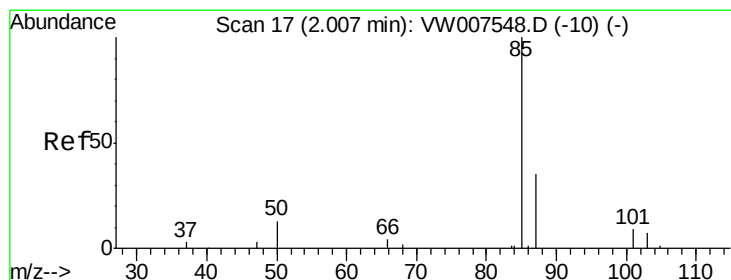
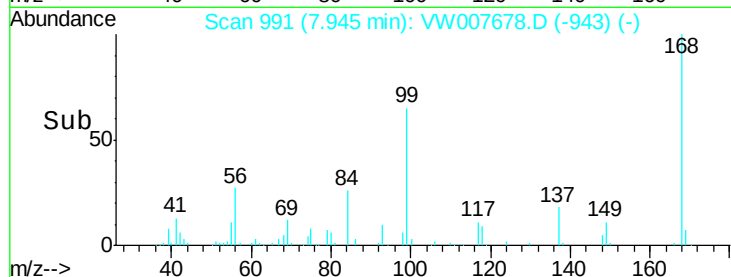
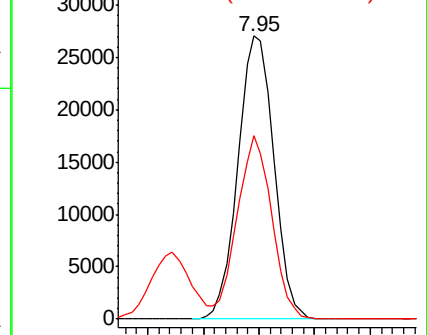
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 23.557 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007678.D

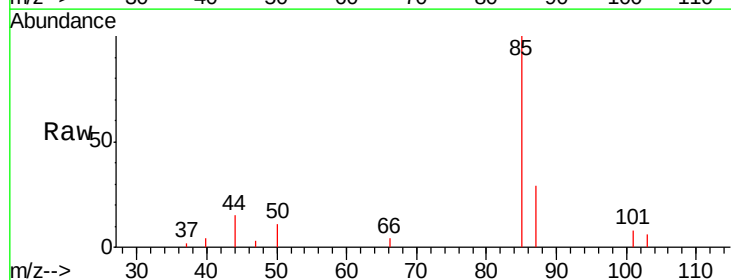
Acq: 19 Dec 2018 01:57

Tgt Ion: 85 Resp: 9948

Ion Ratio Lower Upper

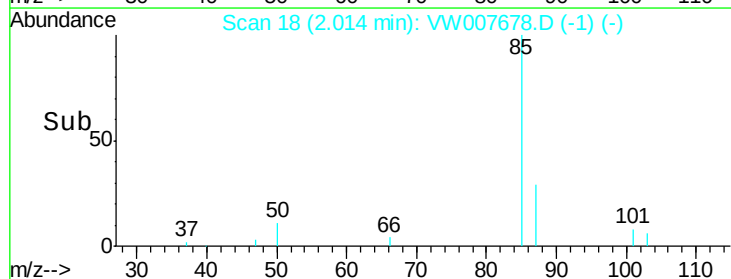
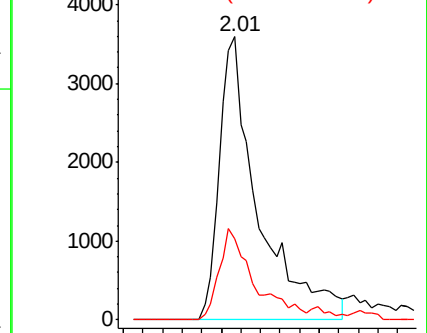
85 100

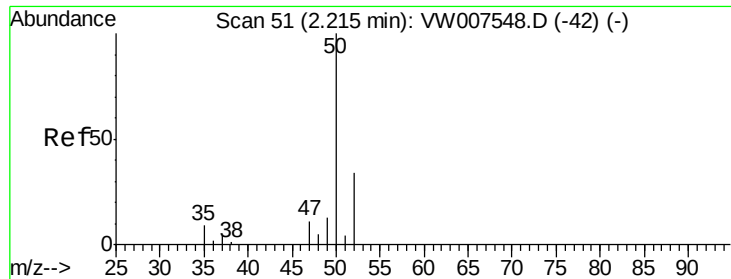
87 28.6 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.859 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS02

Tgt Ion: 50 Resp: 6670

Ion Ratio Lower Upper

50 100

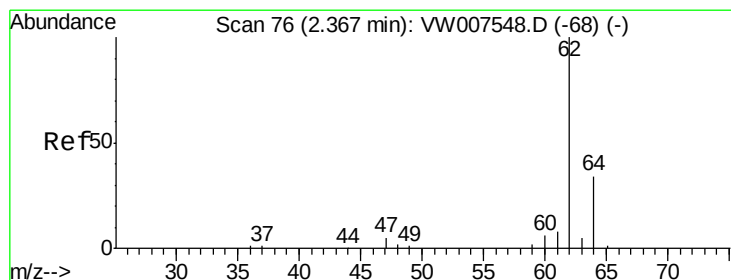
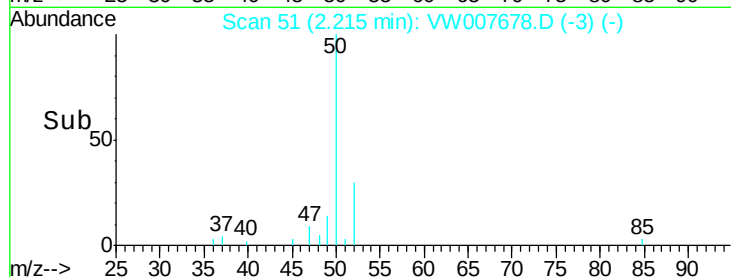
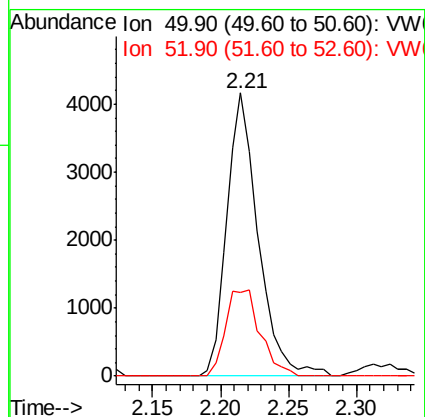
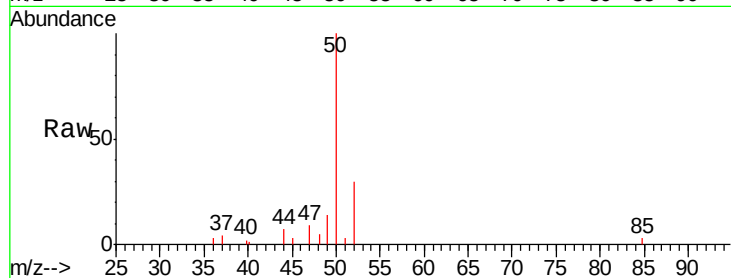
52 29.6 27.4 41.0

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#4

Vinyl Chloride

Concen: 20.877 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW007678.D

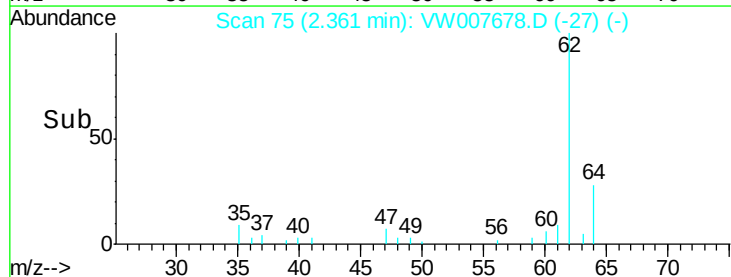
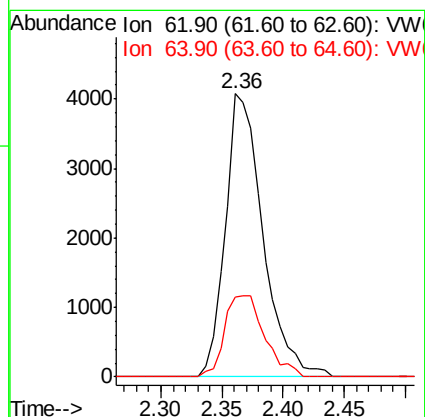
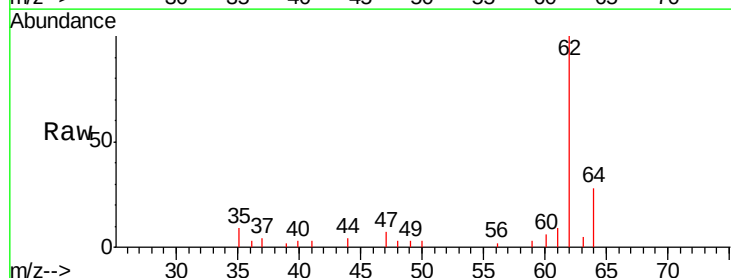
Acq: 19 Dec 2018 01:57

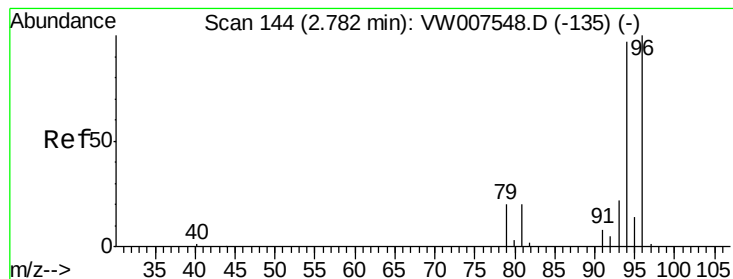
Tgt Ion: 62 Resp: 8665

Ion Ratio Lower Upper

62 100

64 28.2 24.6 37.0





#5

Bromomethane

Concen: 22.843 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

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VW1220SBSD02

Tgt Ion: 94 Resp: 6370

Ion Ratio Lower Upper

94 100

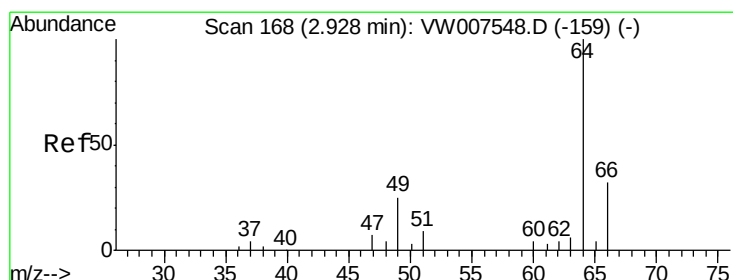
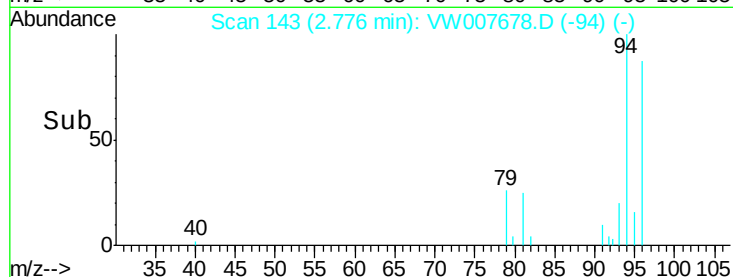
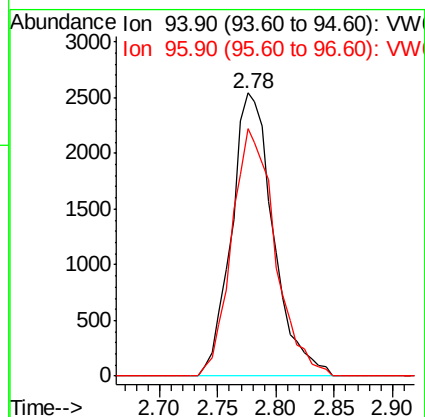
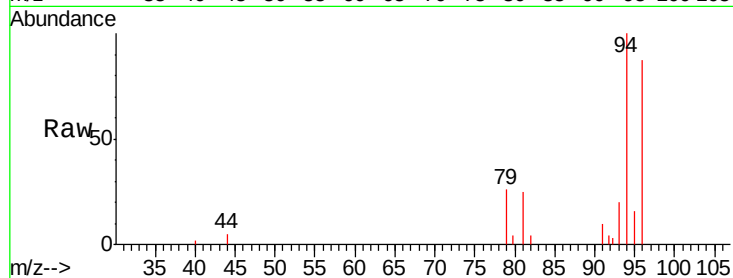
96 87.4 71.0 106.4

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#6

Chloroethane

Concen: 21.574 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW007678.D

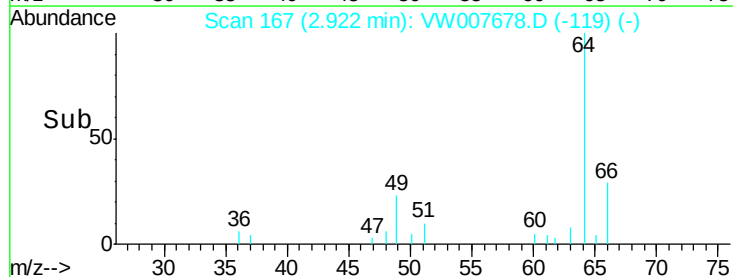
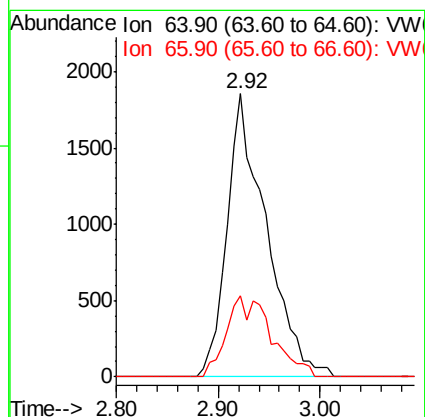
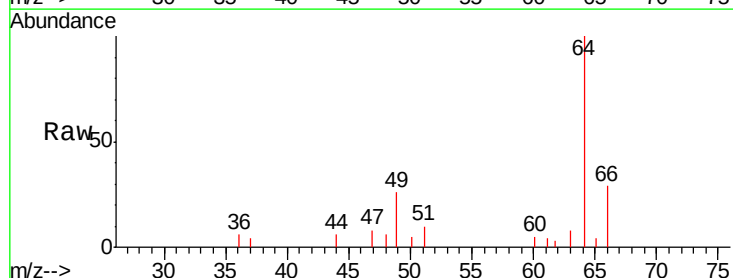
Acq: 19 Dec 2018 01:57

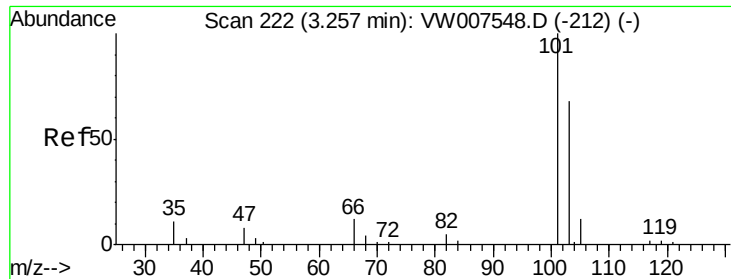
Tgt Ion: 64 Resp: 4929

Ion Ratio Lower Upper

64 100

66 28.6 24.6 37.0





#7

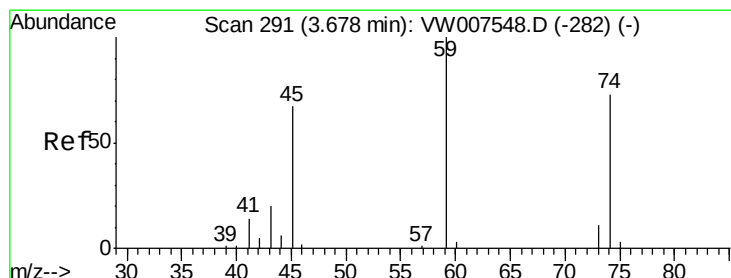
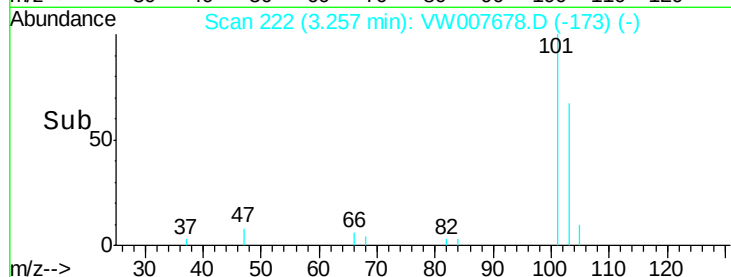
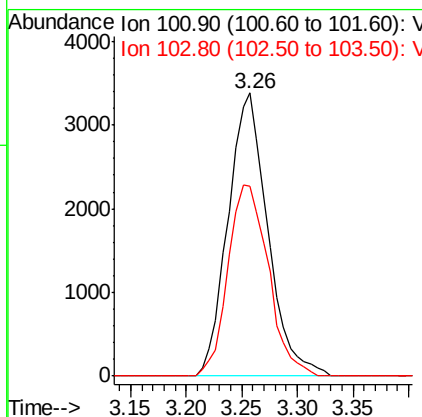
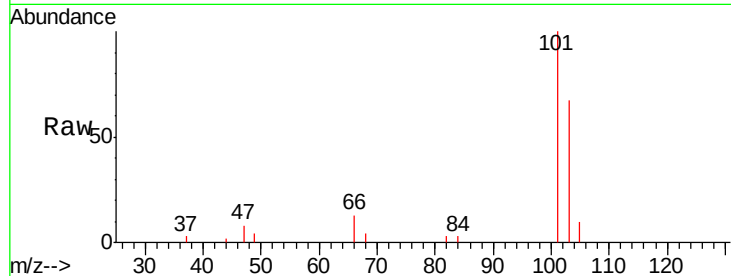
Trichlorofluoromethane
Concen: 22.439 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

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ClientSampleId :
VW1220SBS02

Tgt Ion: 101 Resp: 8373
Ion Ratio Lower Upper
101 100
103 67.3 51.7 77.5

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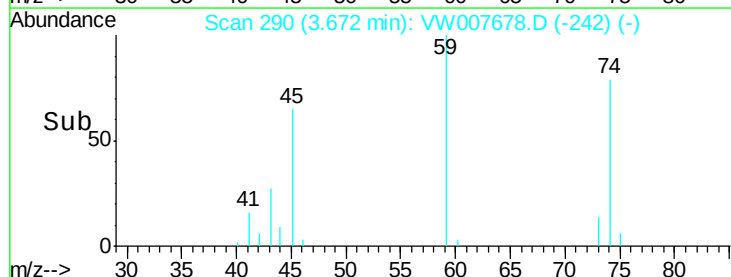
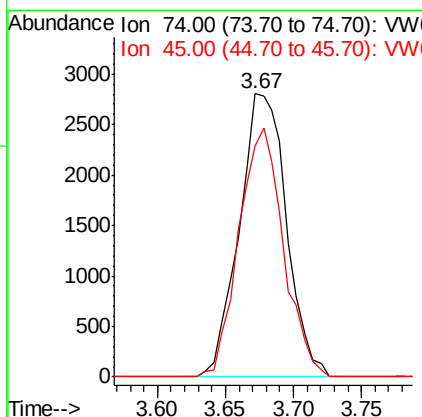
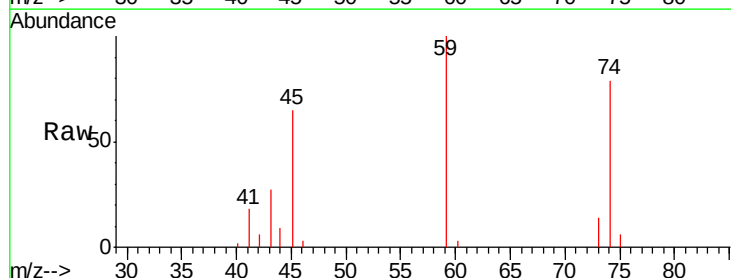
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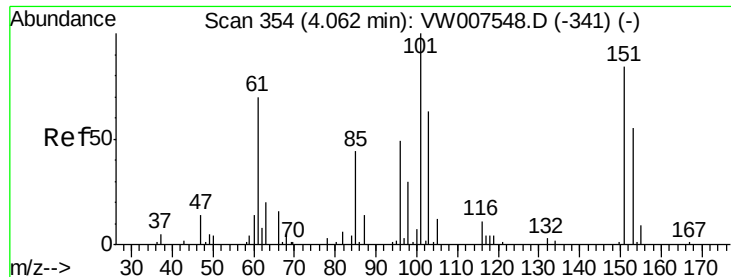


#8

Diethyl Ether
Concen: 23.280 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion: 74 Resp: 6799
Ion Ratio Lower Upper
74 100
45 82.8 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.121 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

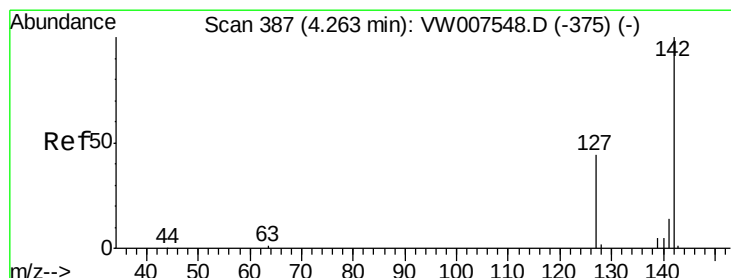
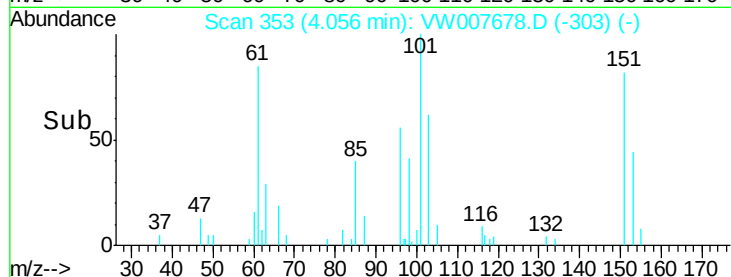
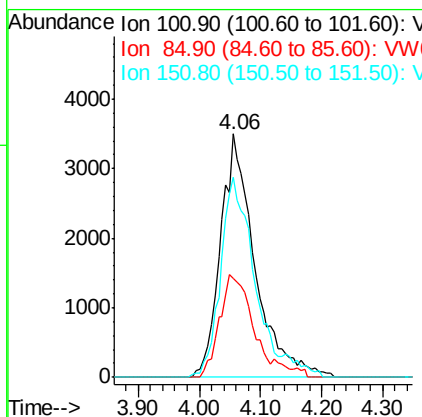
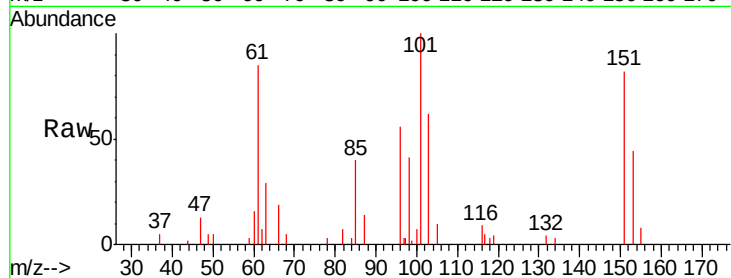
ClientSampleId :

VW1220SBS02

Tgt Ion:	101	Resp:	13620
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.9	50.9
151	83.3	63.7	95.5

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#10

Methyl Iodide

Concen: 22.267 ug/l

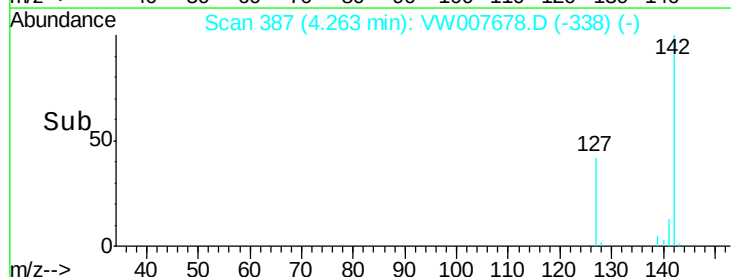
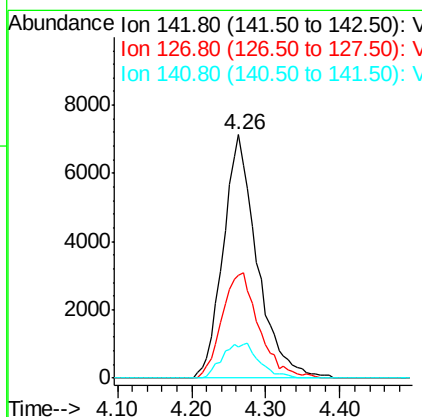
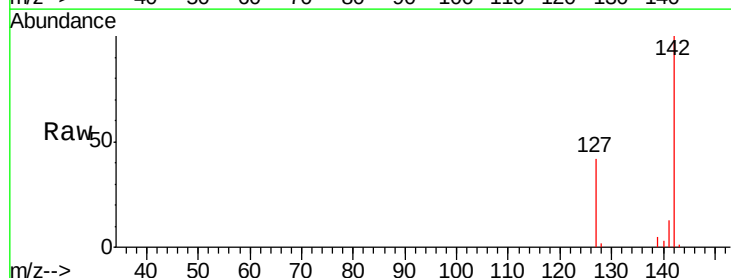
RT: 4.26 min Scan# 387

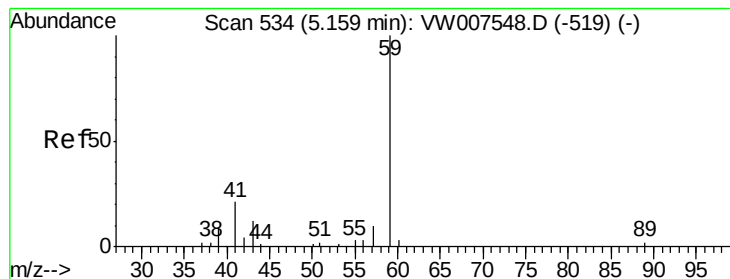
Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Tgt Ion:	142	Resp:	22706
Ion Ratio	Lower	Upper	
142	100		
127	46.9	35.8	53.6
141	15.4	11.1	16.7





#11

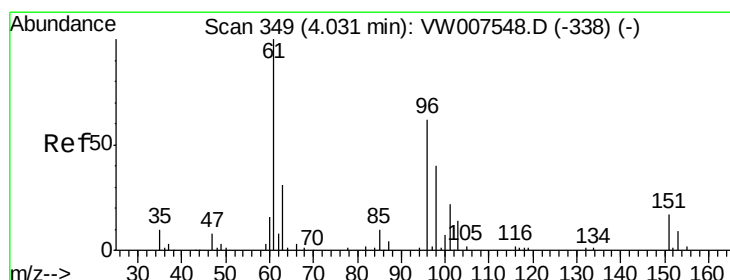
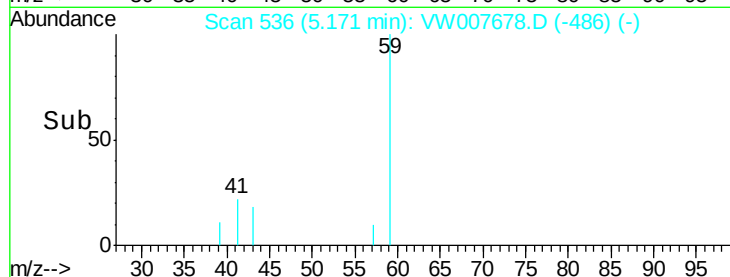
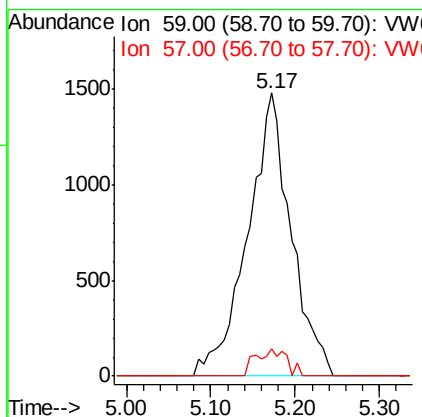
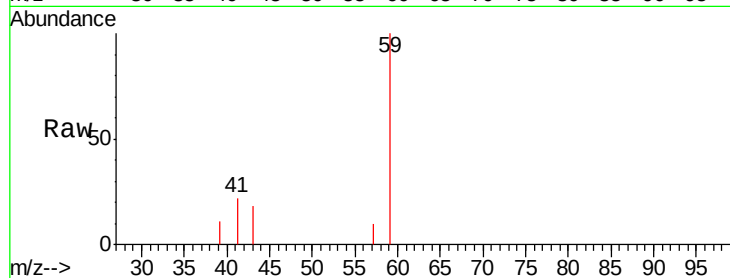
Tert butyl alcohol
Concen: 113.436 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	6.8	7.6	11.4#

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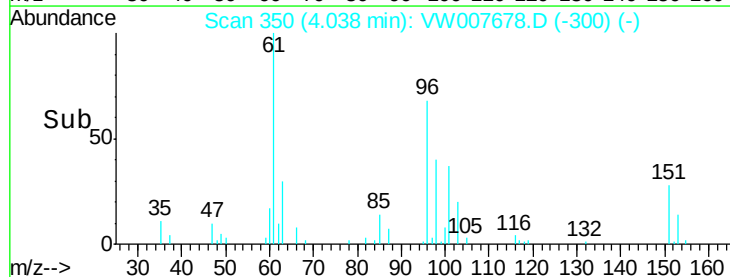
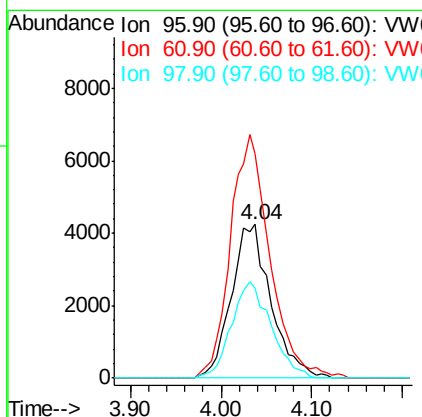
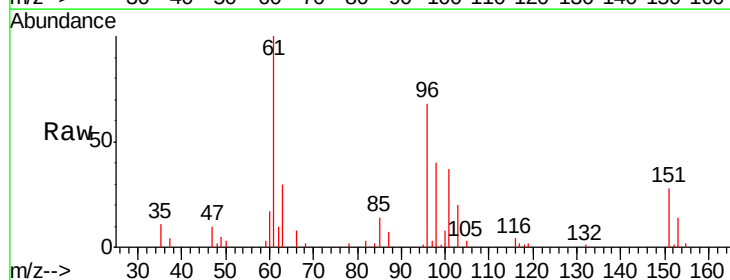
apatel
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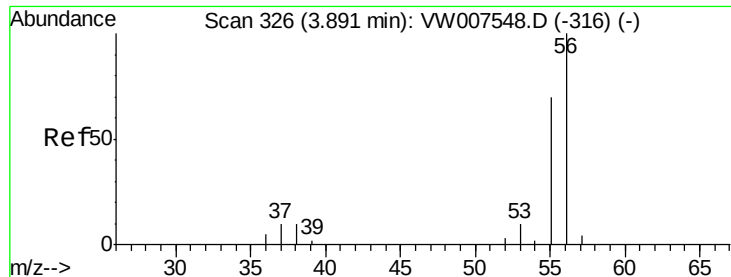


#12

1,1-Dichloroethene
Concen: 21.795 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.3	126.2	189.2
98	58.4	48.3	72.5





#13

Acrolein

Concen: 98.566 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBSD02

Tgt Ion: 56 Resp: 3003

Ion Ratio Lower Upper

56 100

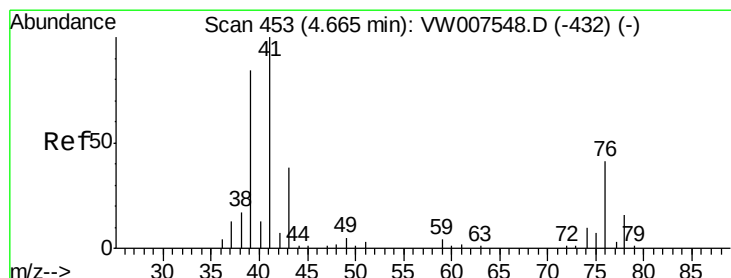
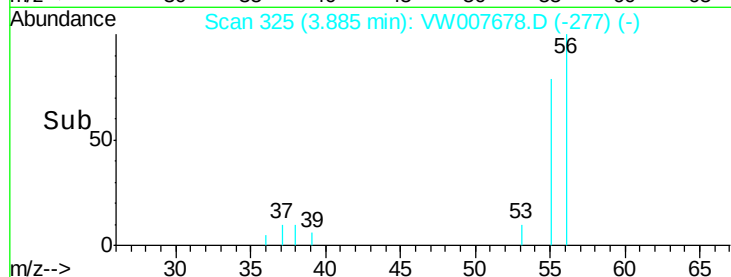
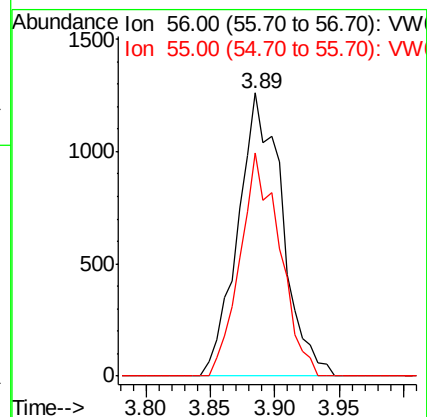
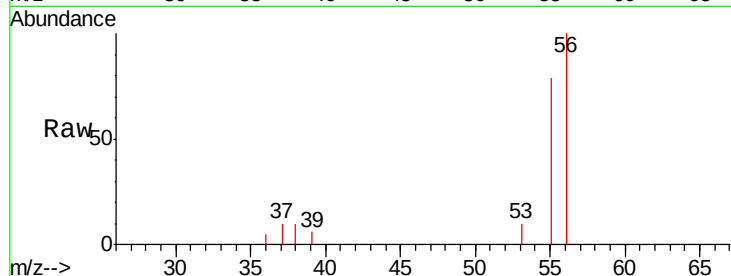
55 70.7 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 20.451 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

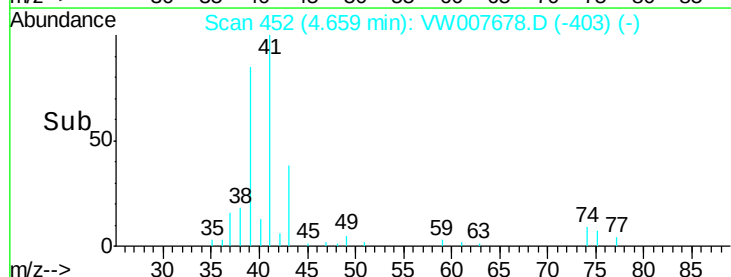
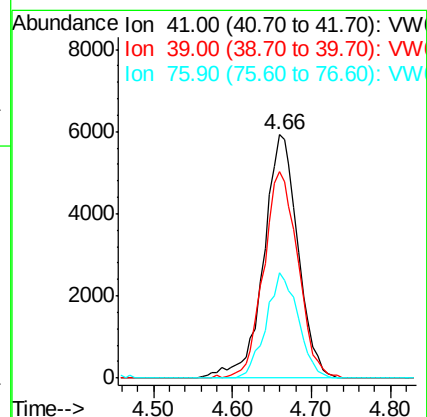
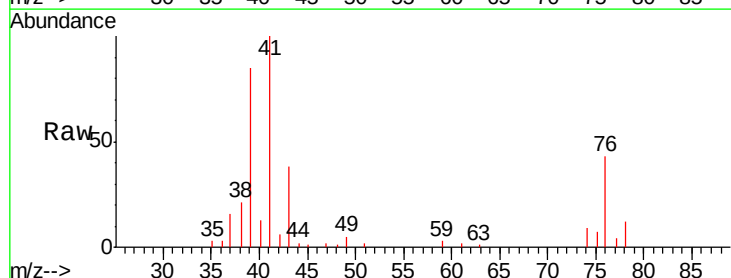
Tgt Ion: 41 Resp: 17870

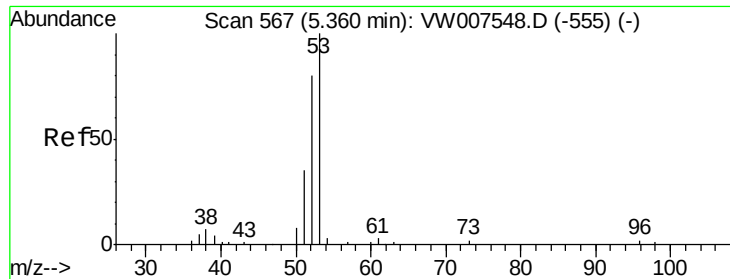
Ion Ratio Lower Upper

41 100

39 84.7 63.4 95.2

76 40.3 32.1 48.1





#15

Acrylonitrile

Concen: 110.286 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

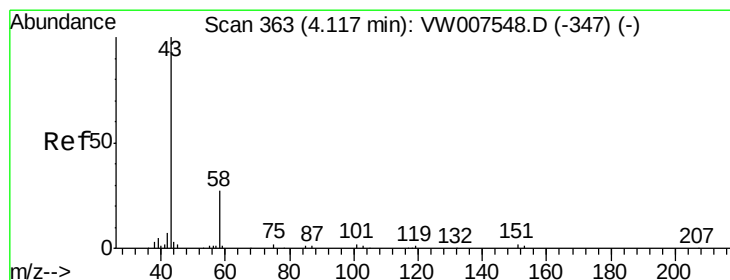
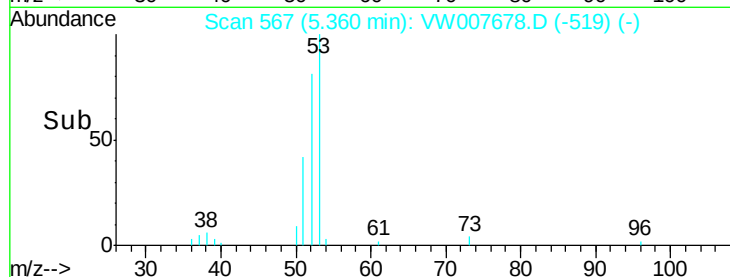
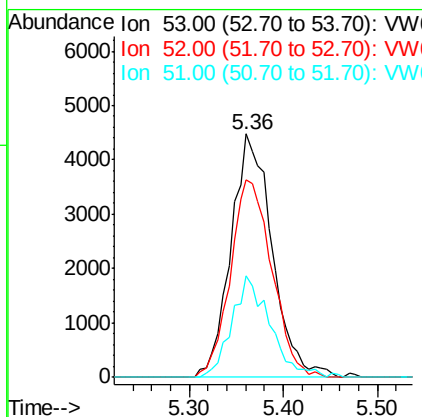
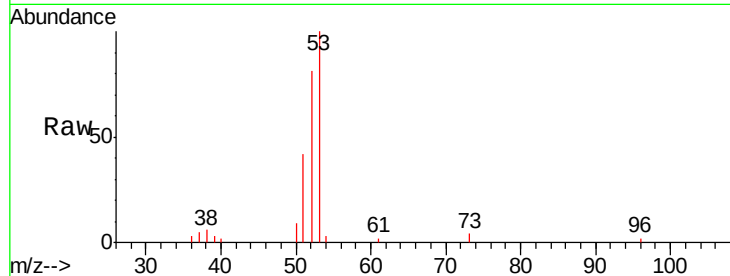
ClientSampleId :

VW1220SBS02

Tgt Ion:	53	Resp:	13578
Ion	Ratio	Lower	Upper
53	100		
52	81.9	67.4	101.2
51	38.7	30.2	45.2

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#16

Acetone

Concen: 98.554 ug/l

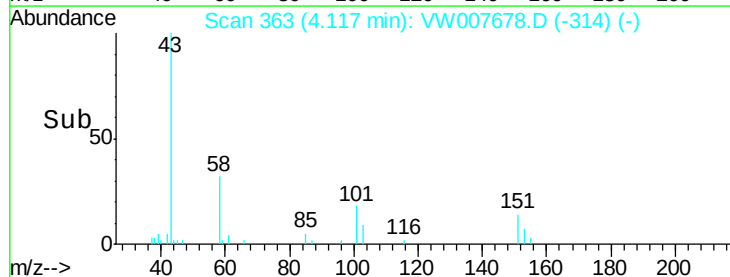
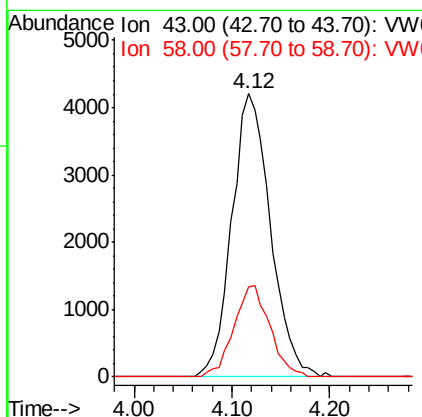
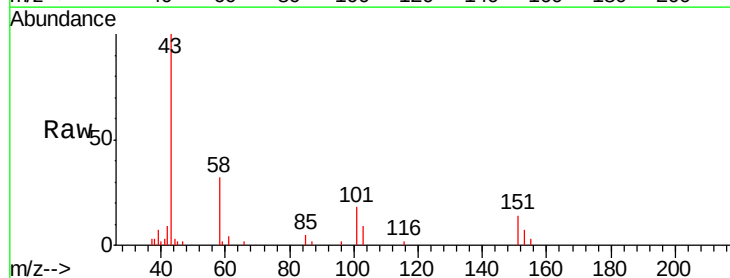
RT: 4.12 min Scan# 363

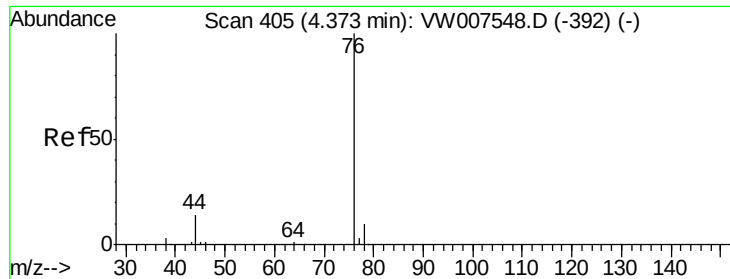
Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Tgt Ion:	43	Resp:	11541
Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.9	37.3





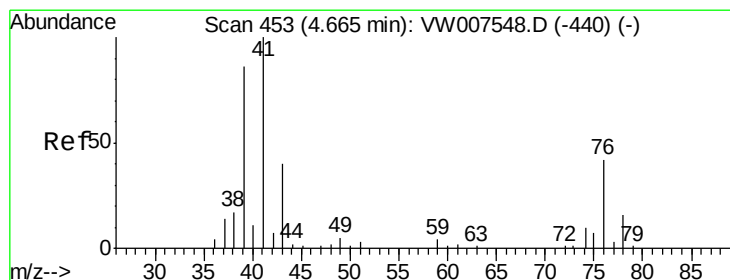
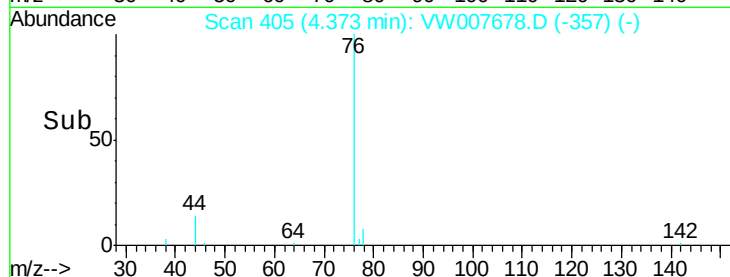
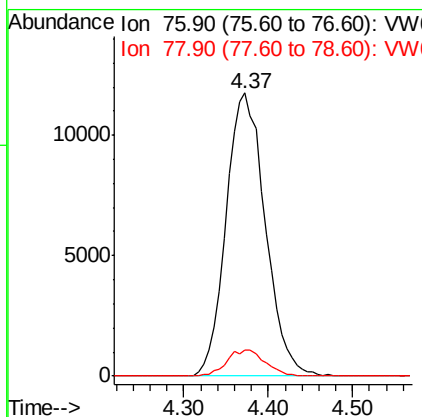
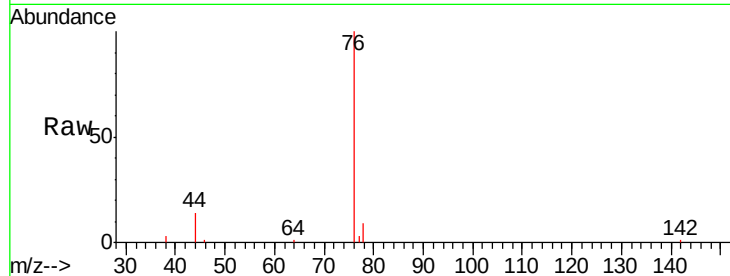
#17
Carbon Disulfide
Concen: 20.659 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD02

Tgt Ion: 76 Resp: 37133
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

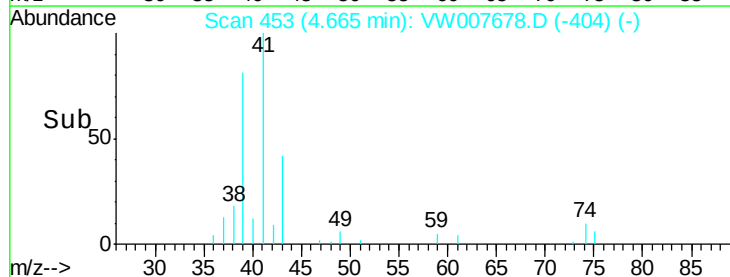
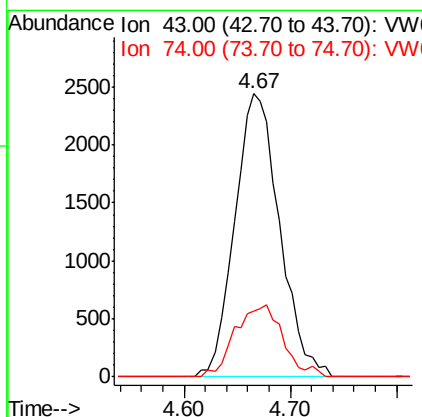
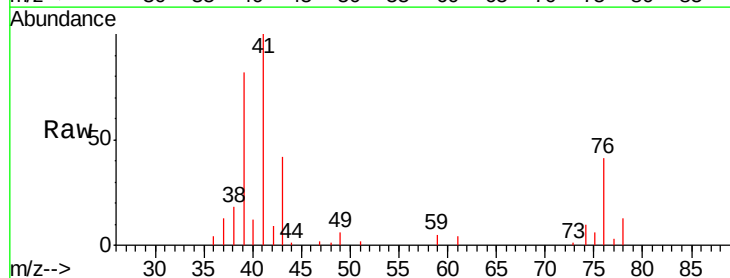
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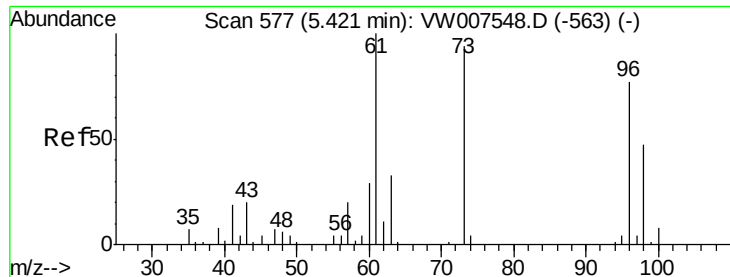
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#18
Methyl Acetate
Concen: 22.647 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion: 43 Resp: 7198
Ion Ratio Lower Upper
43 100
74 27.1 21.1 31.7





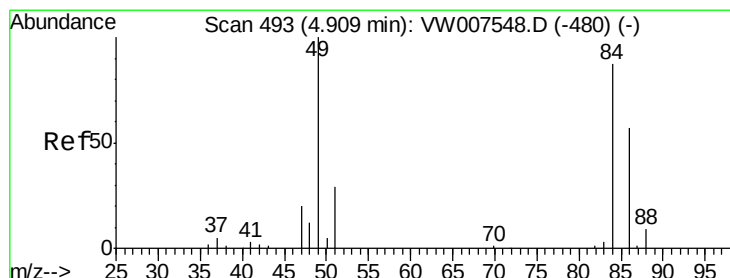
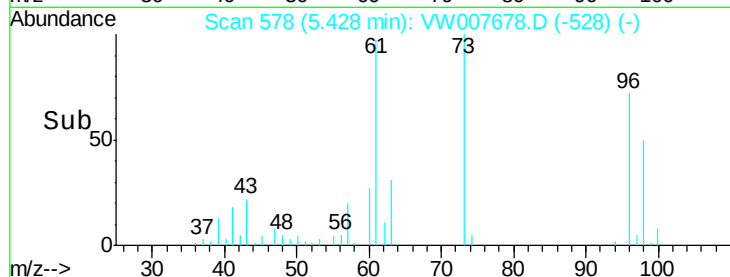
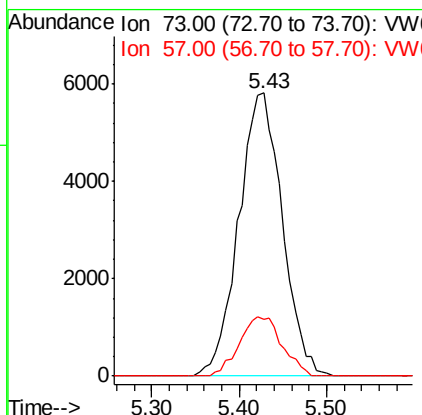
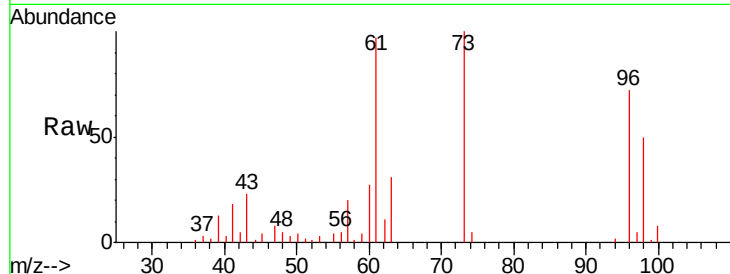
#19
Methyl tert-butyl Ether
Concen: 22.474 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD02

Tgt Ion: 73 Resp: 20098
Ion Ratio Lower Upper
73 100
57 19.9 16.4 24.6

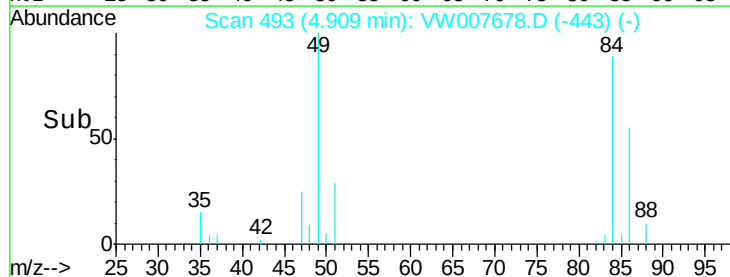
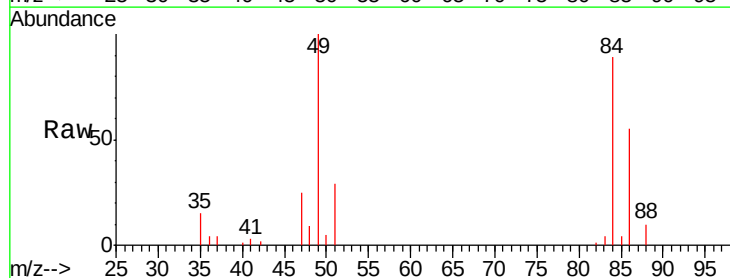
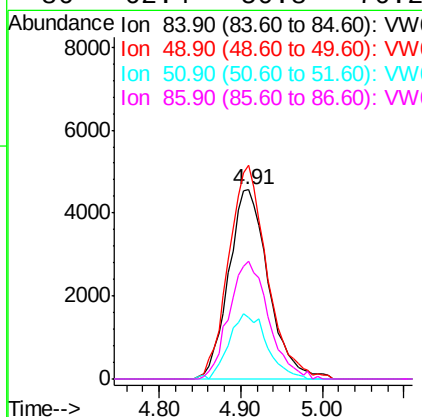
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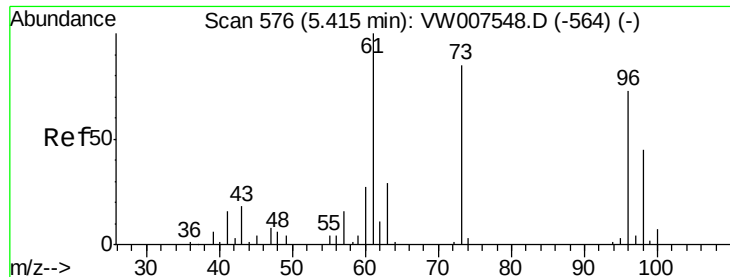
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#20
Methylene Chloride
Concen: 21.777 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion: 84 Resp: 15362
Ion Ratio Lower Upper
84 100
49 112.9 87.1 130.7
51 32.4 28.2 42.2
86 62.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 22.243 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

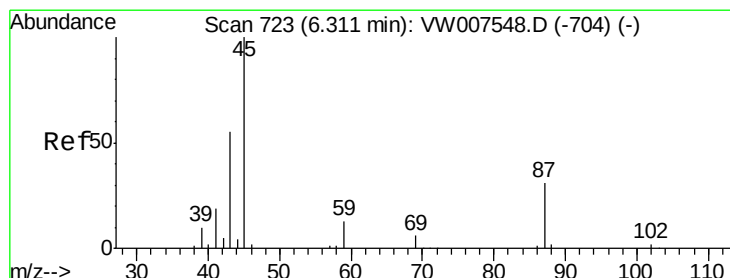
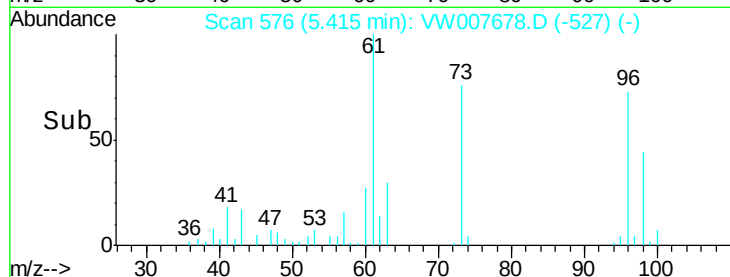
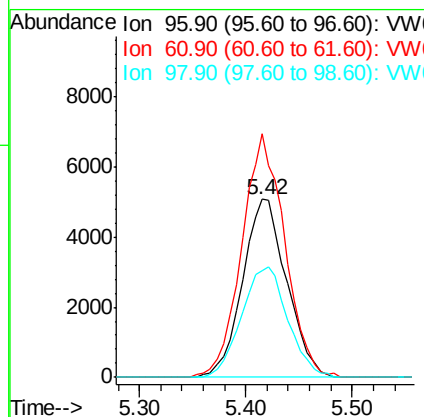
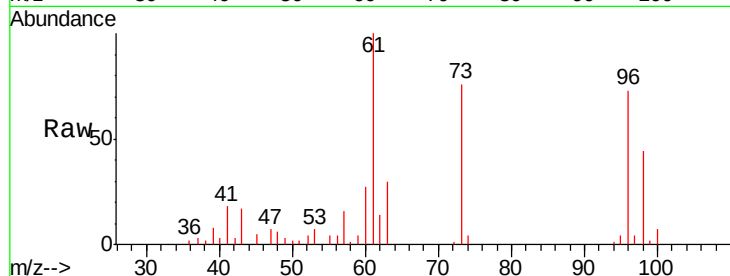
ClientSampleId :

VW1220SBSD02

Tgt Ion:	96	Resp:	14750
Ion	Ratio	Lower	Upper
96	100		
61	136.8	105.0	157.6
98	60.0	49.7	74.5

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#22

Diisopropyl ether

Concen: 21.091 ug/l

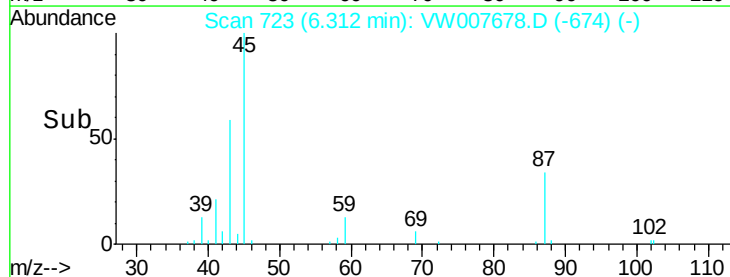
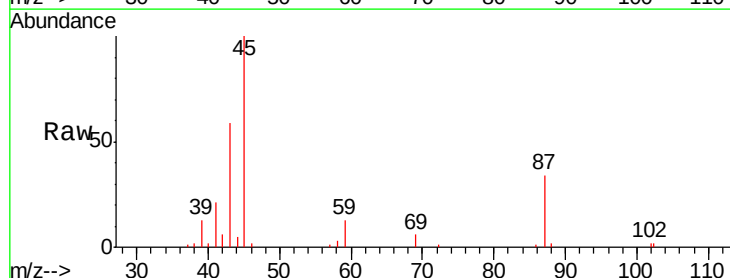
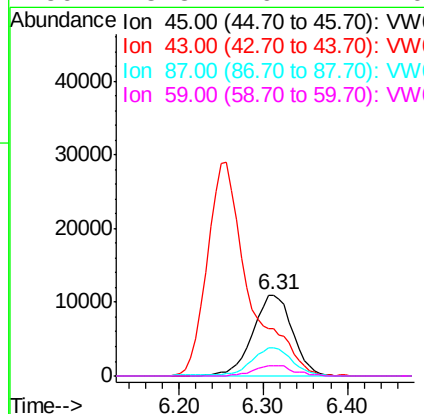
RT: 6.31 min Scan# 723

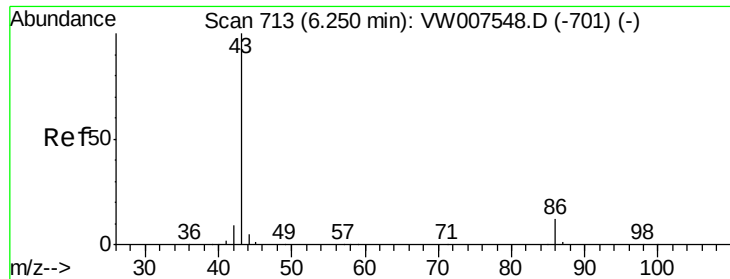
Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Tgt Ion:	45	Resp:	35423
Ion	Ratio	Lower	Upper
45	100		
43	57.6	41.6	62.4
87	34.2	24.3	36.5
59	13.3	9.4	14.0





#23

Vinyl Acetate

Concen: 105.270 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS02

Tgt Ion: 43 Resp: 98895

Ion Ratio Lower Upper

43 100

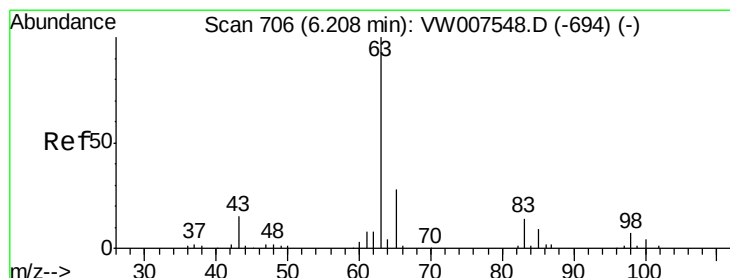
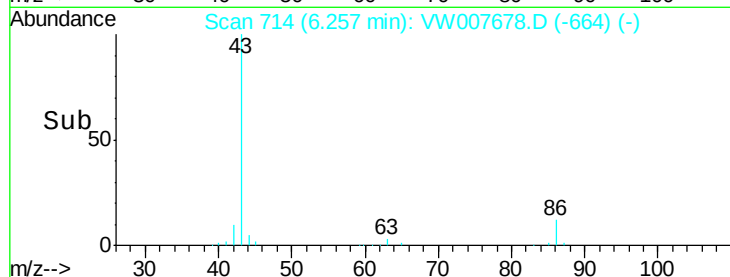
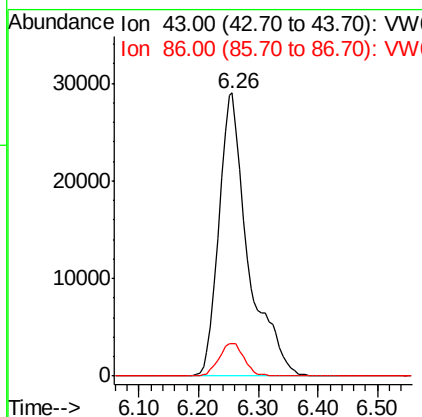
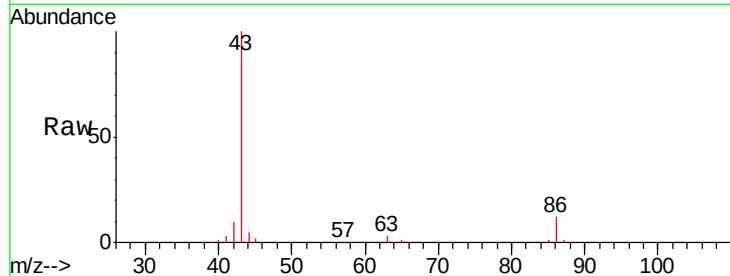
86 11.5 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 21.791 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

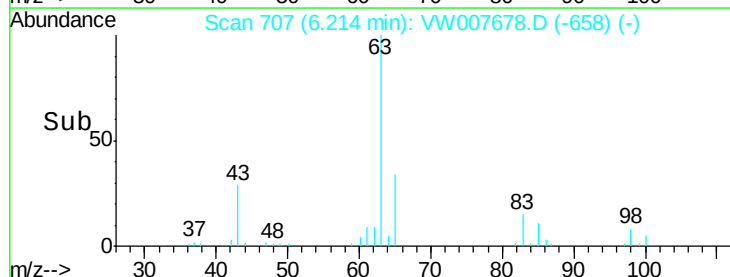
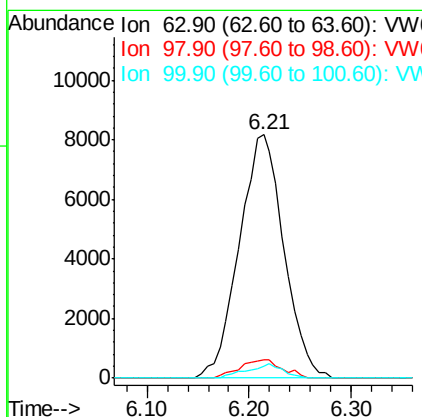
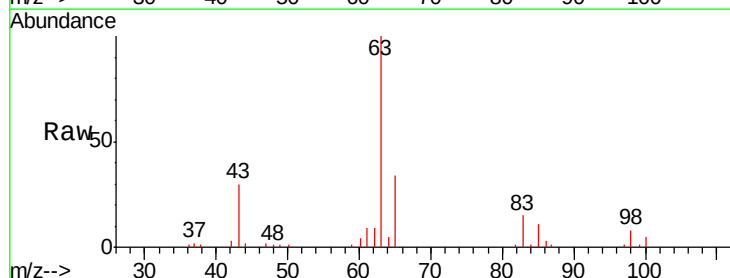
Tgt Ion: 63 Resp: 24736

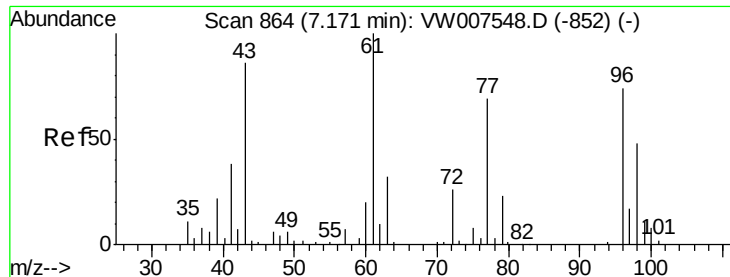
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.7 2.5 7.5





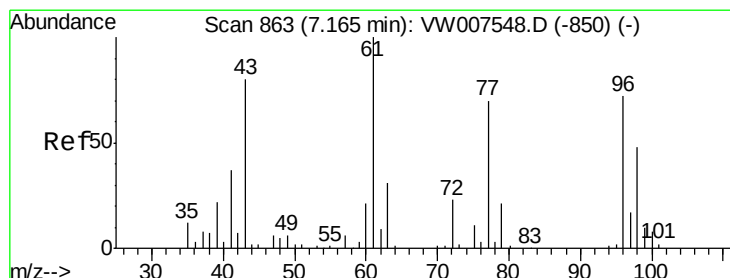
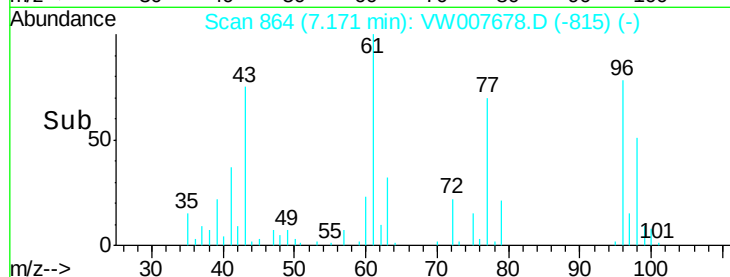
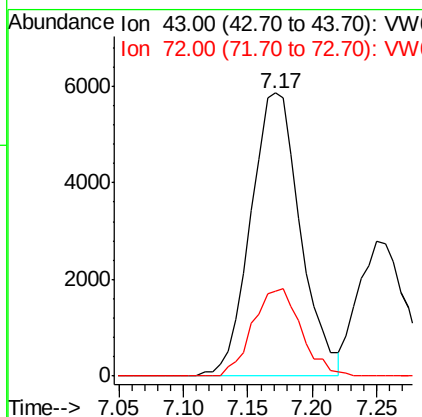
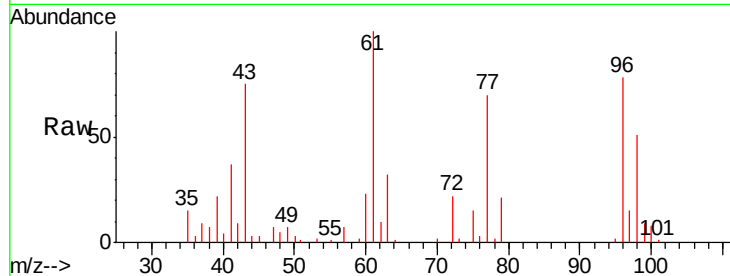
#25
2-Butanone
Concen: 102.578 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS02

Tgt Ion: 43 Resp: 15682
Ion Ratio Lower Upper
43 100
72 30.1 23.4 35.2

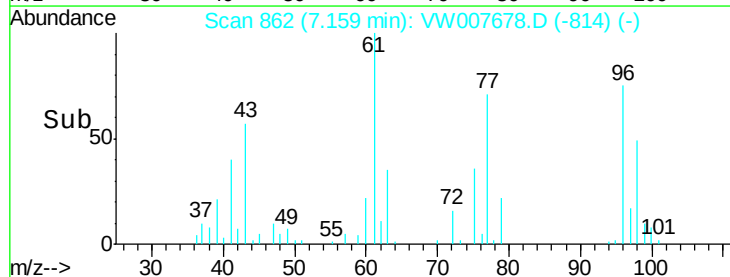
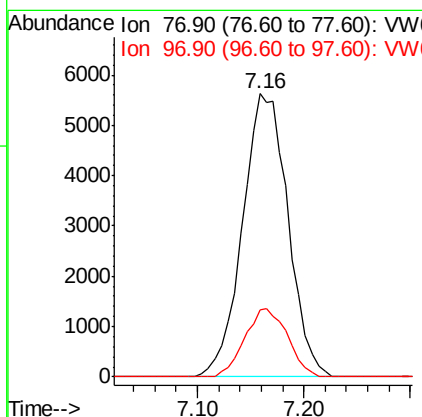
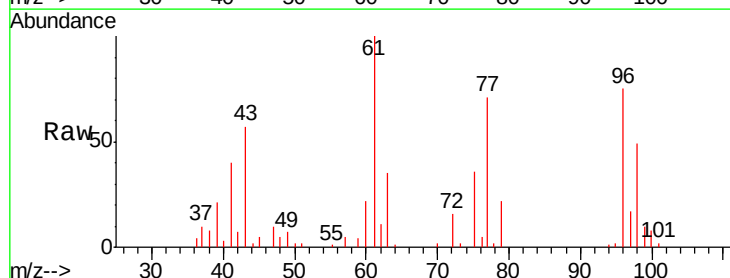
Manual Integrations
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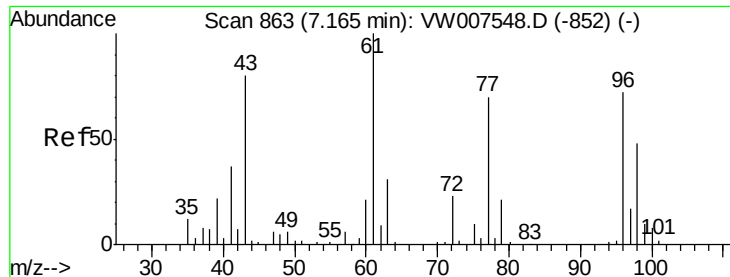
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#26
2,2-Dichloropropane
Concen: 22.374 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion: 77 Resp: 16809
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.8





#27

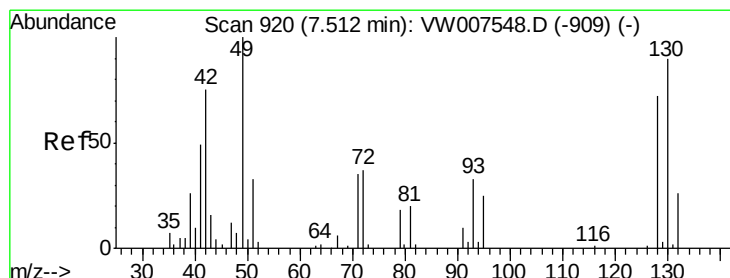
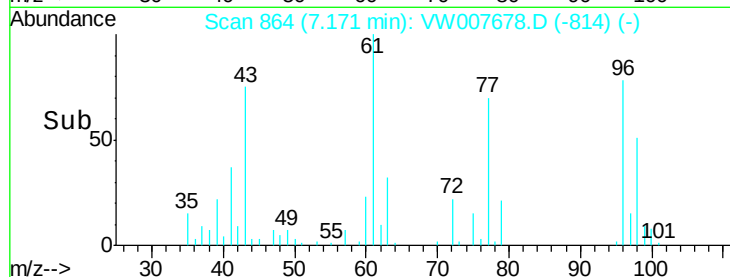
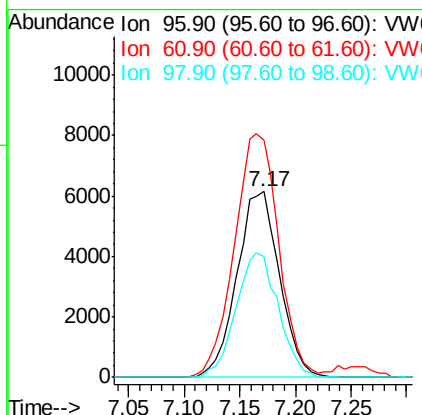
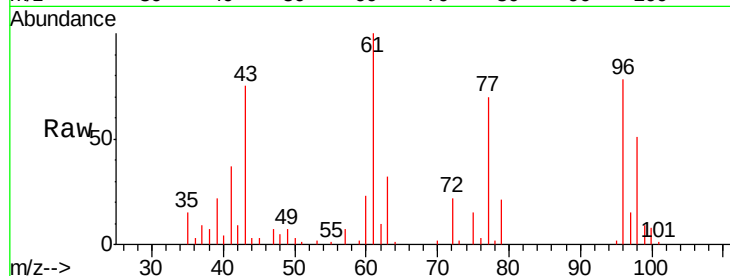
cis-1,2-Dichloroethene
Concen: 22.531 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.3	0.0	268.4
98	66.3	0.0	127.8

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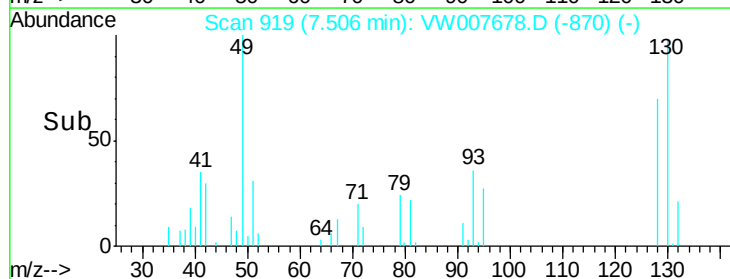
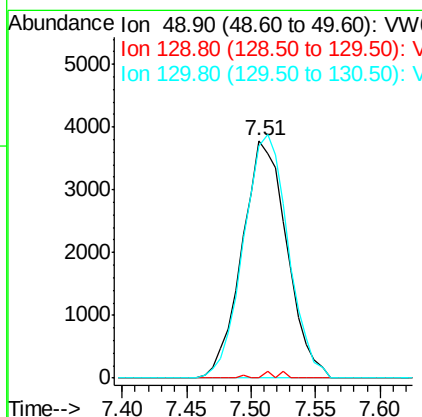
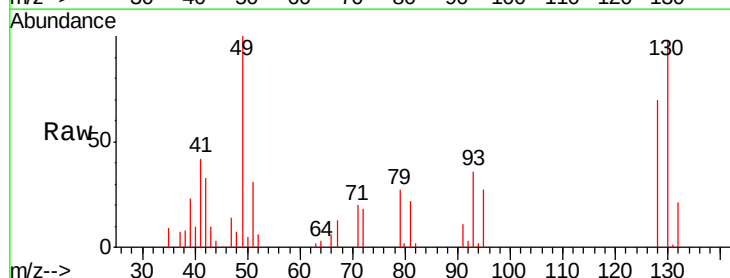
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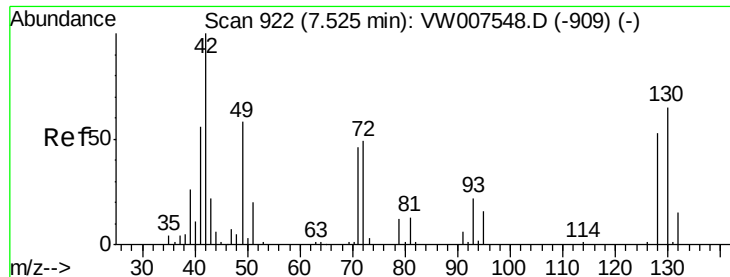


#28

Bromochloromethane
Concen: 21.427 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.6
130	102.1	75.9	113.9





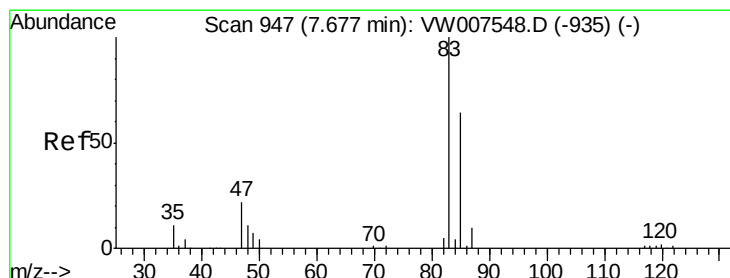
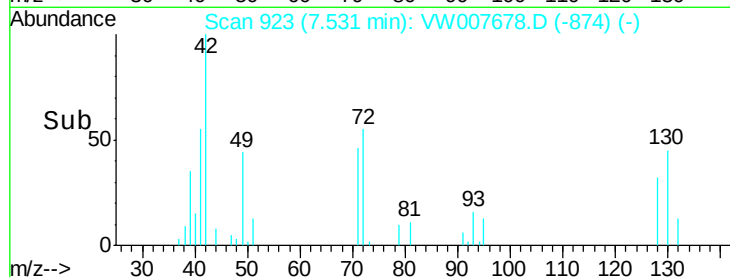
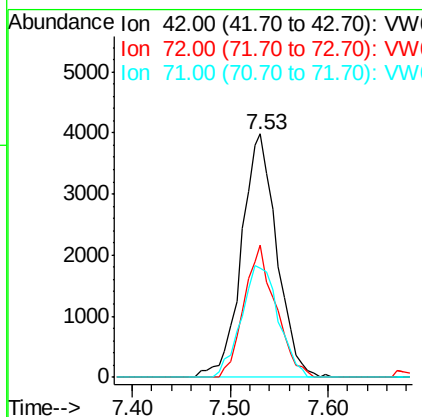
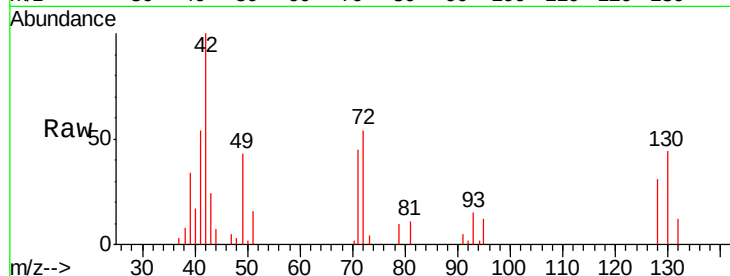
#29
Tetrahydrofuran
Concen: 102.643 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS02

Tgt Ion: 42 Resp: 9934
Ion Ratio Lower Upper
42 100
72 49.1 38.2 57.4
71 48.2 35.5 53.3

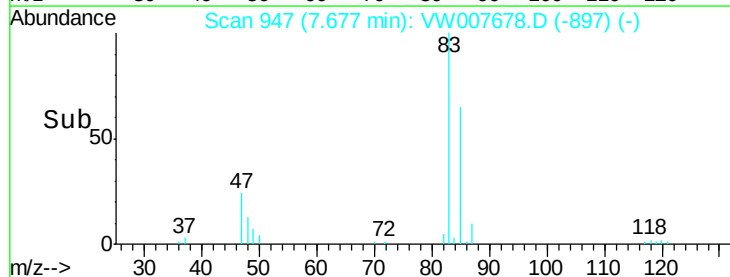
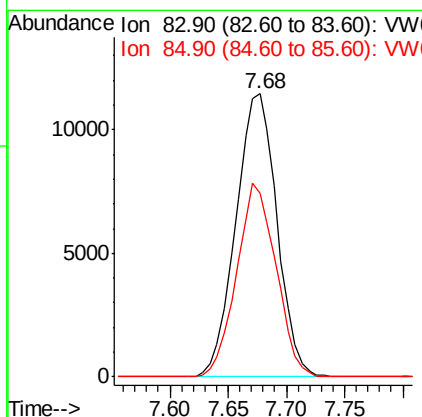
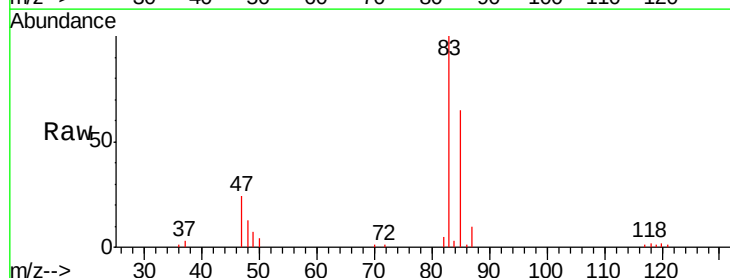
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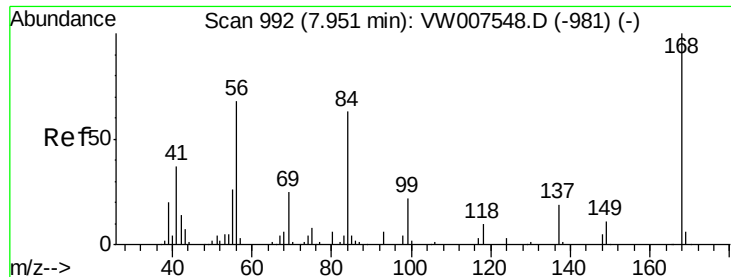
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#30
Chloroform
Concen: 22.793 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion: 83 Resp: 28157
Ion Ratio Lower Upper
83 100
85 64.9 51.8 77.8





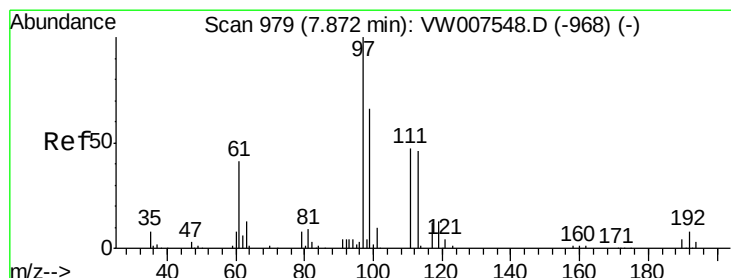
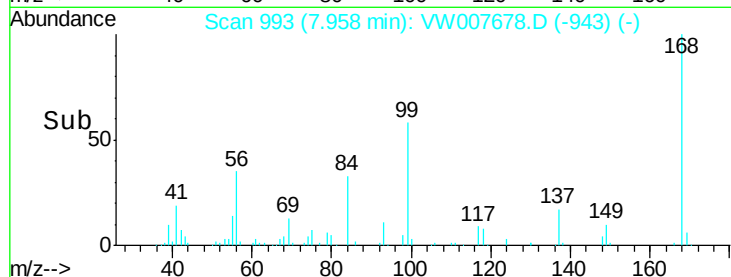
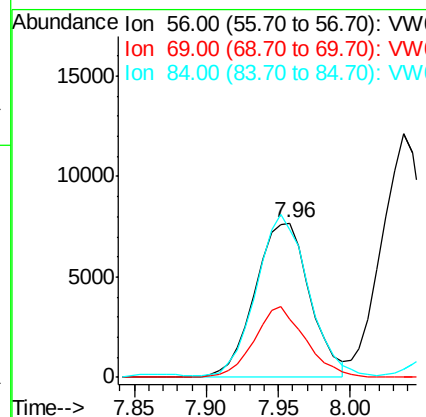
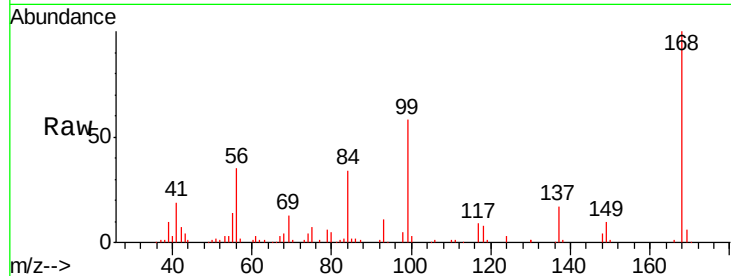
#31
Cyclohexane
Concen: 19.535 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	37.8	28.9	43.3
84	94.9	71.8	107.6

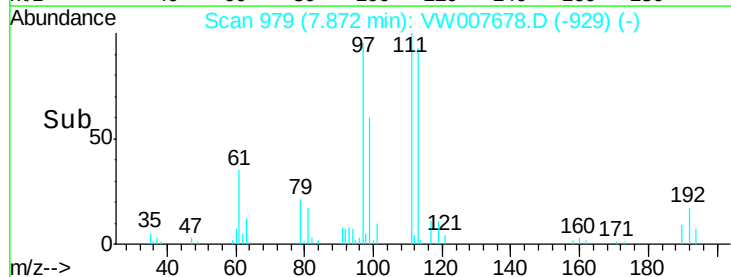
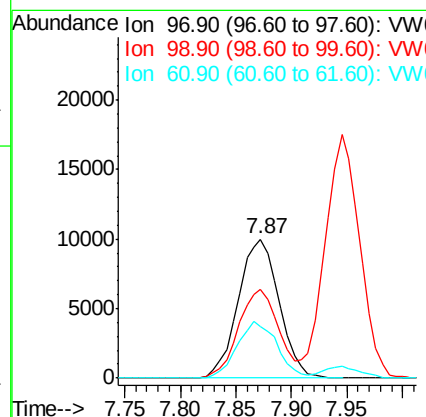
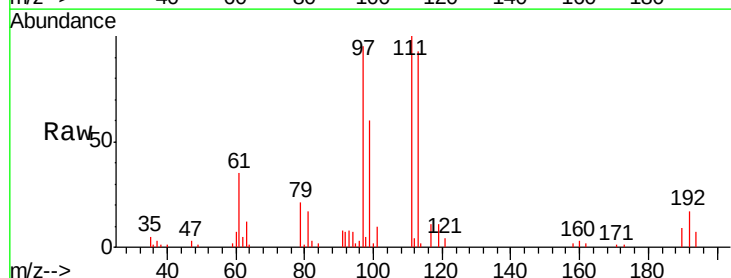
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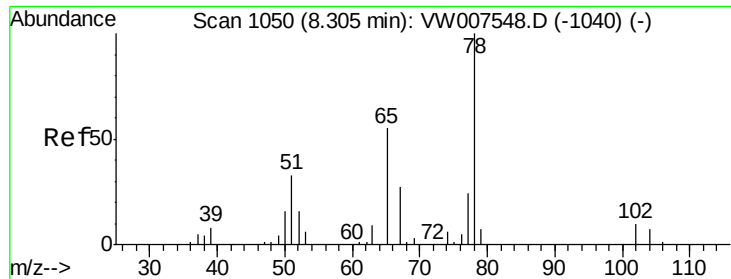
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#32
1,1,1-Trichloroethane
Concen: 23.425 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.1	76.7
61	39.9	33.2	49.8





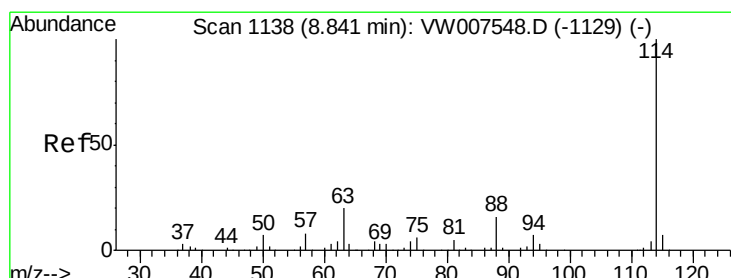
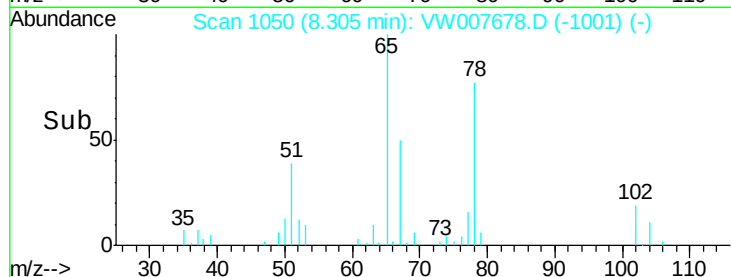
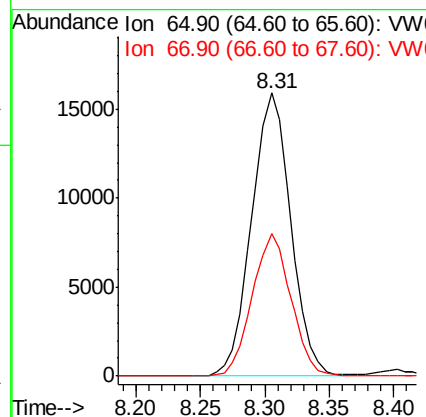
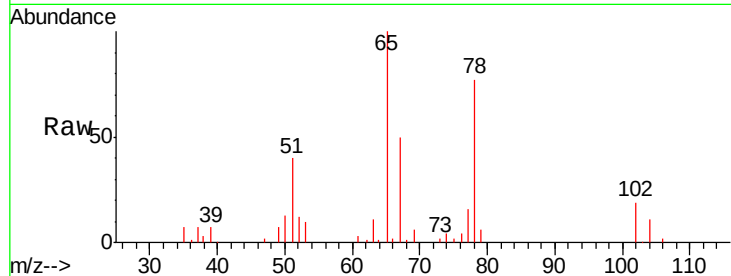
#33
 1,2-Dichloroethane-d4
 Concen: 49.845 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007678.D
 Acq: 19 Dec 2018 01:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBSD02

Tgt Ion: 65 Resp: 33417
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.6

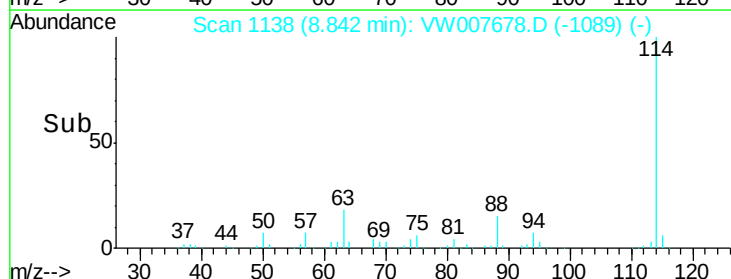
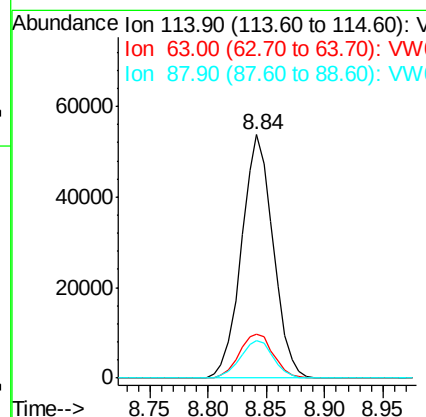
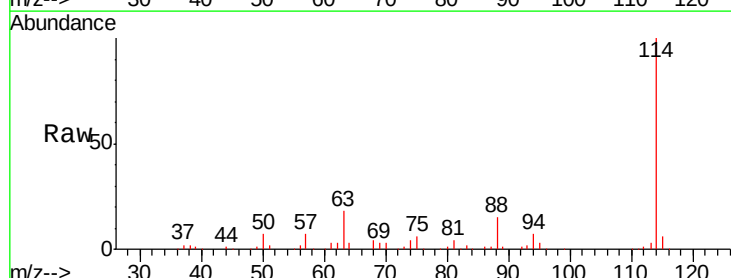
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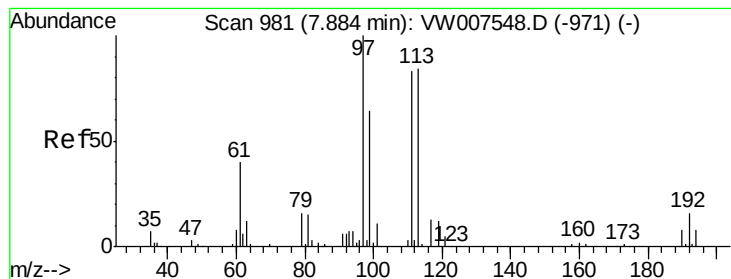
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007678.D
 Acq: 19 Dec 2018 01:57

Tgt Ion: 114 Resp: 101716
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.6
 88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.543 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

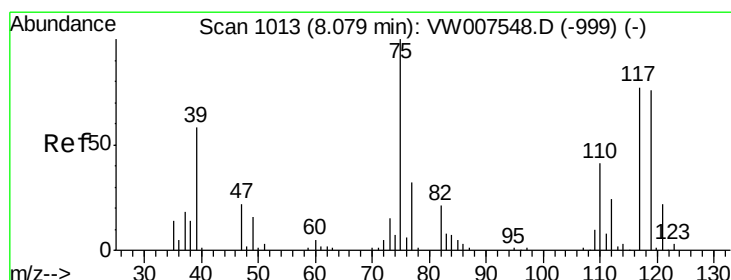
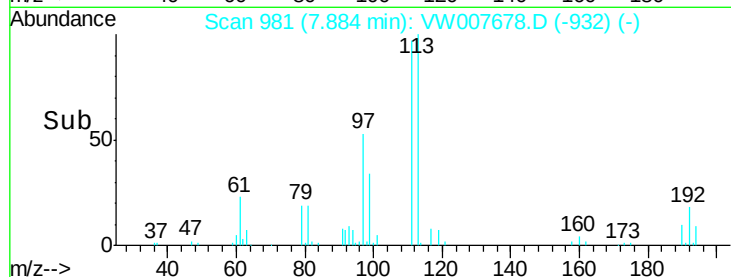
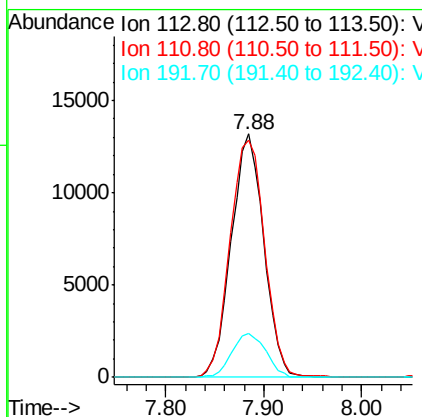
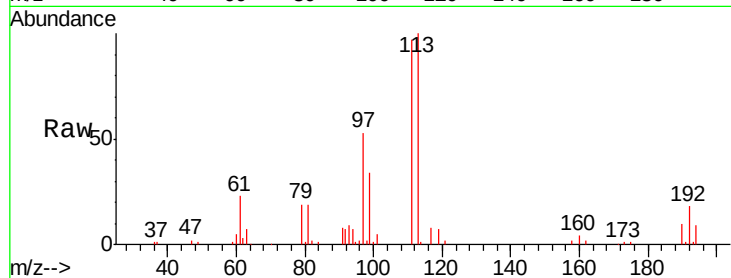
ClientSampleId :

VW1220SBS02

Tgt Ion:	113	Resp:	30505
Ion Ratio	Lower	Upper	
113	100		
111	103.6	81.1	121.7
192	18.7	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 22.002 ug/l

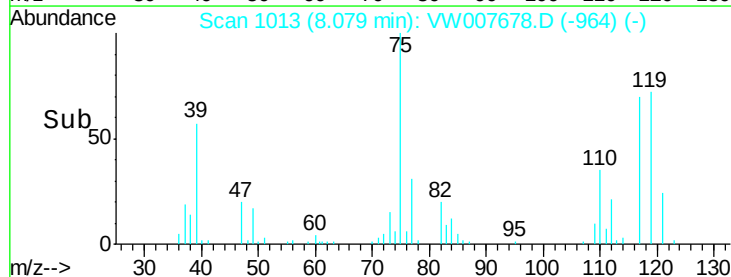
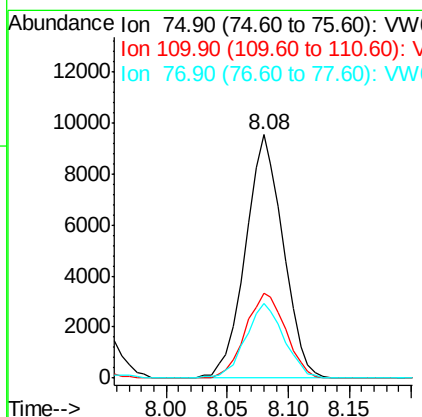
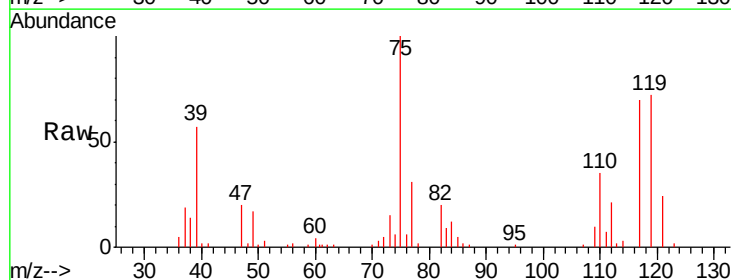
RT: 8.08 min Scan# 1013

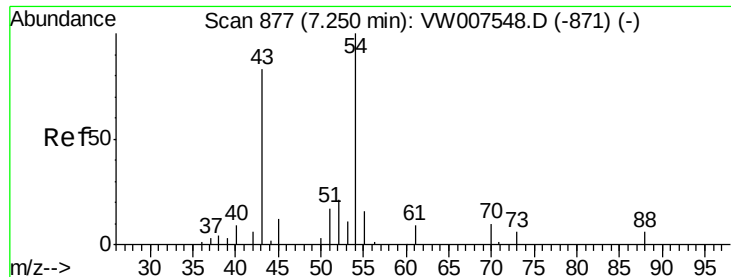
Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Tgt Ion:	75	Resp:	20415
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.5	55.5
77	31.0	25.6	38.4





#37

Ethyl Acetate

Concen: 19.591 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

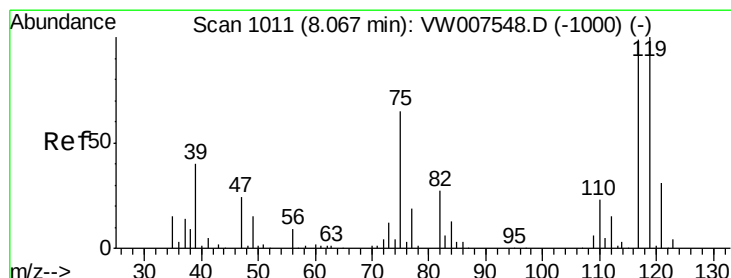
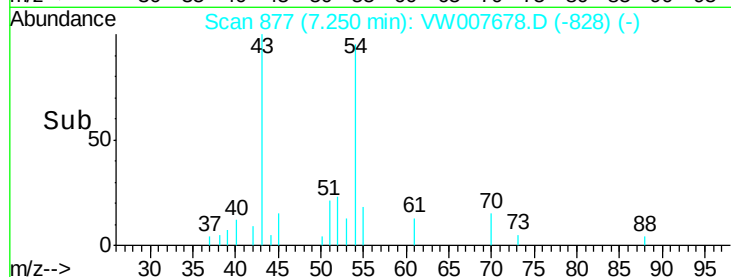
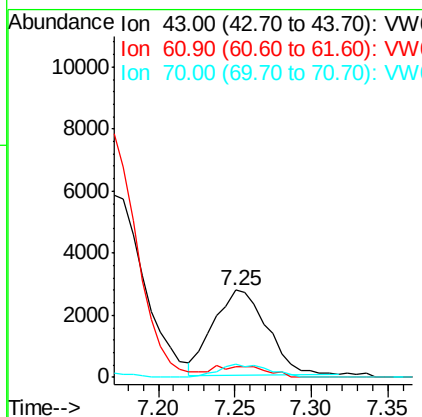
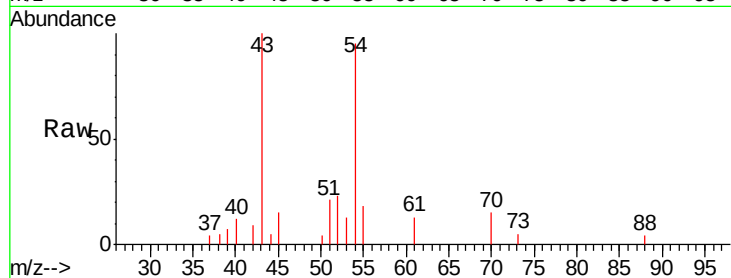
ClientSampleId :

VW1220SBS02

Tgt Ion:	43	Resp:	6761
Ion Ratio	Lower	Upper	
43	100		
61	11.8	12.1	18.1#
70	14.1	10.0	15.0

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#38

Carbon Tetrachloride

Concen: 23.454 ug/l

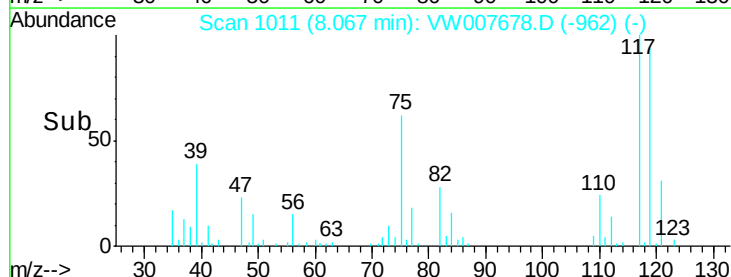
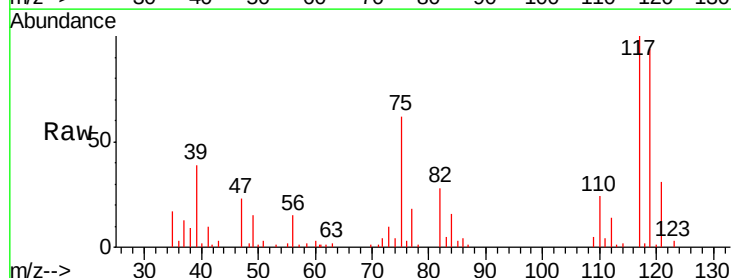
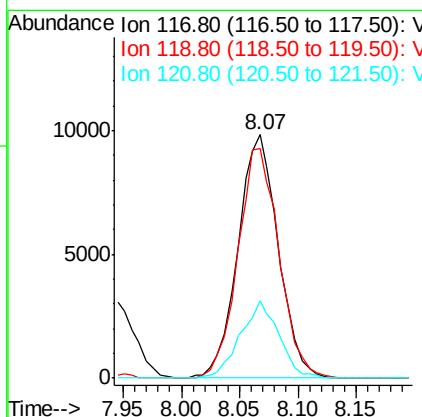
RT: 8.07 min Scan# 1011

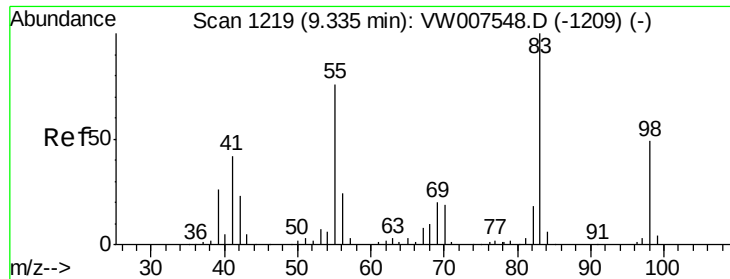
Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Tgt Ion:	117	Resp:	23680
Ion Ratio	Lower	Upper	
117	100		
119	94.5	74.3	111.5
121	31.5	24.3	36.5





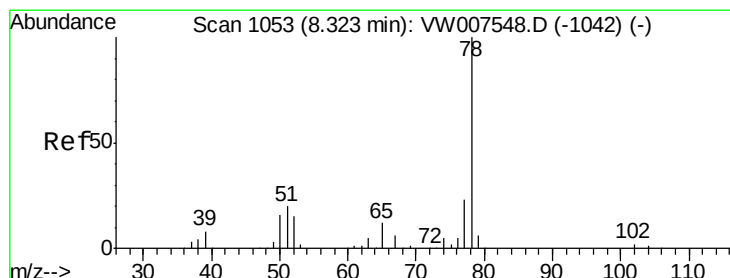
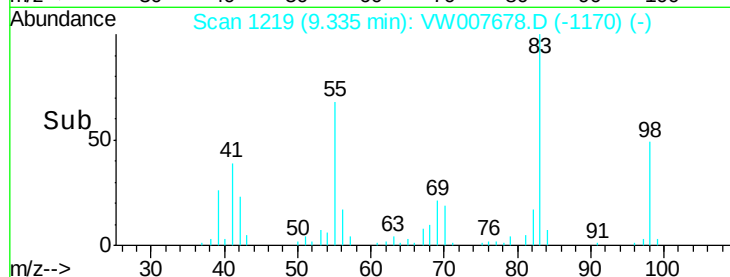
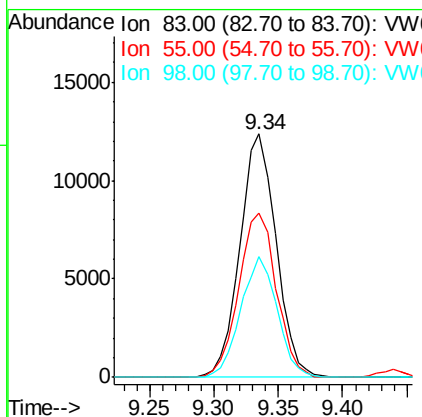
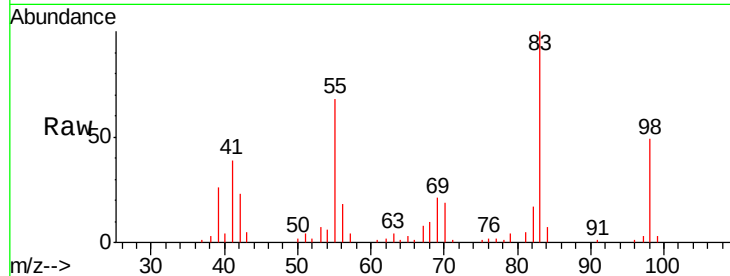
#39
Methylcyclohexane
Concen: 21.417 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.7	62.8	94.2
98	49.4	42.2	63.2

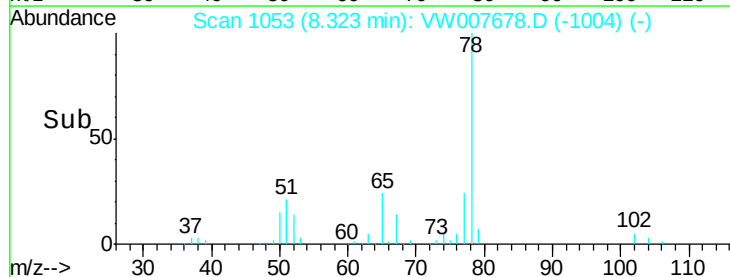
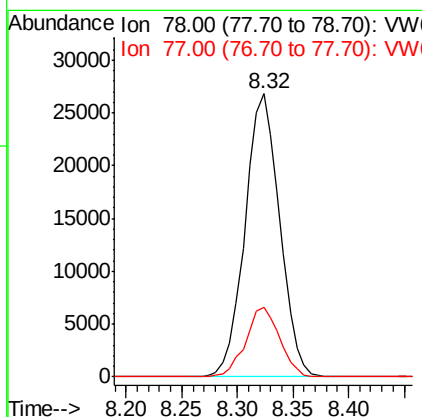
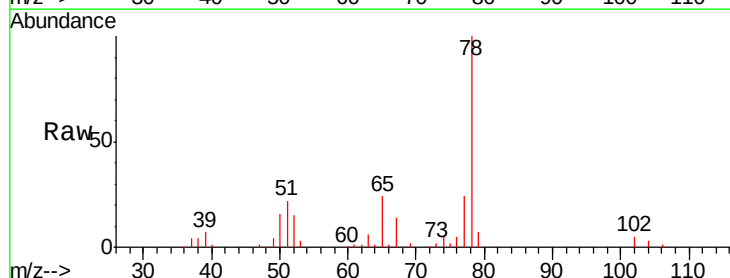
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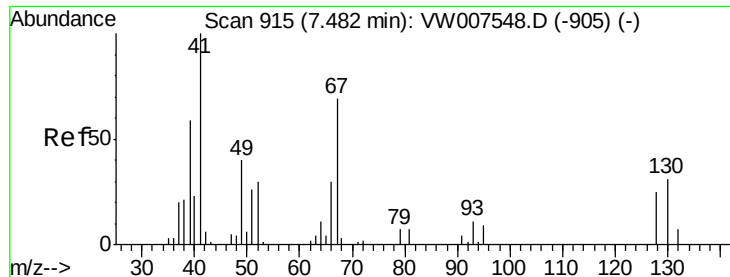
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#40
Benzene
Concen: 22.568 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2





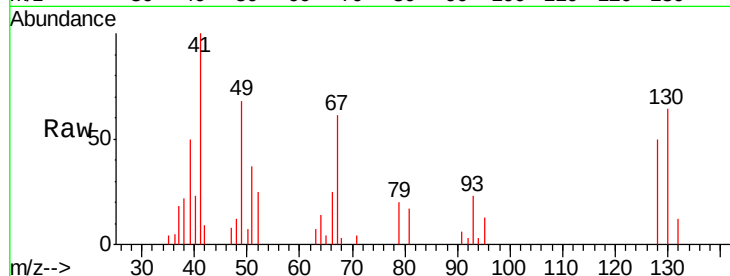
#41
Methacrylonitrile
Concen: 22.282 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD02

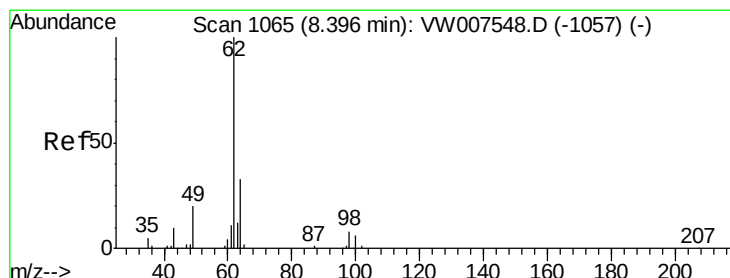
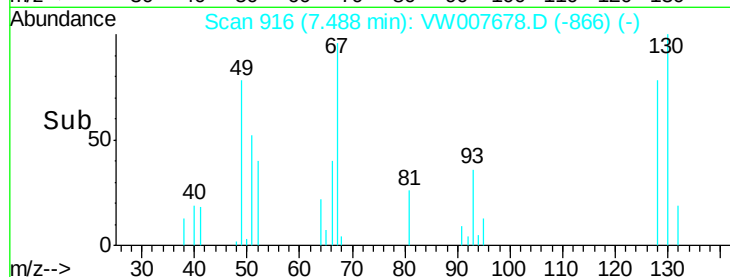
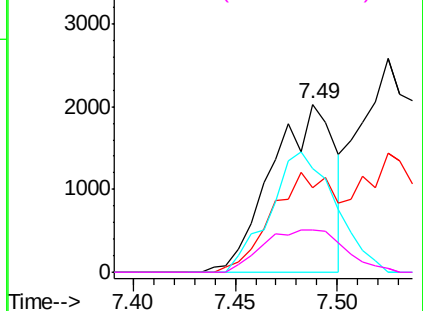
Tgt Ion:	41	Resp:	4379
Ion	Ratio	Lower	Upper
41	100		
39	58.0	52.2	78.2
67	73.9	60.5	90.7
52	32.4	25.3	37.9

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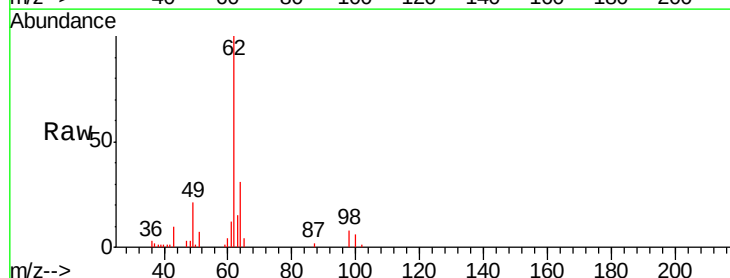


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

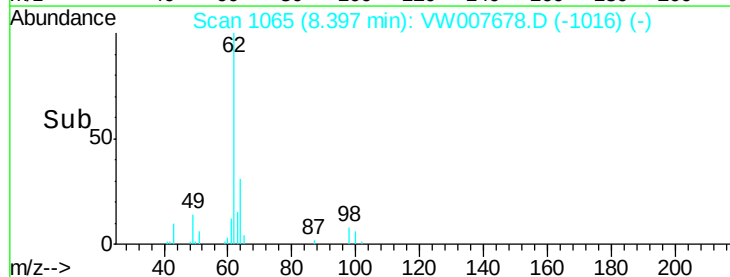
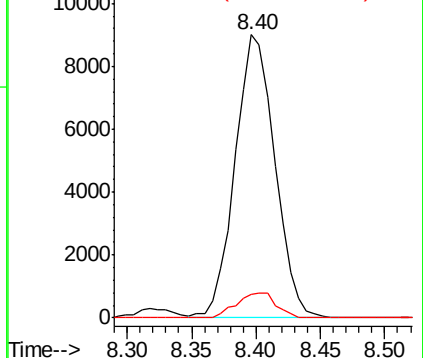


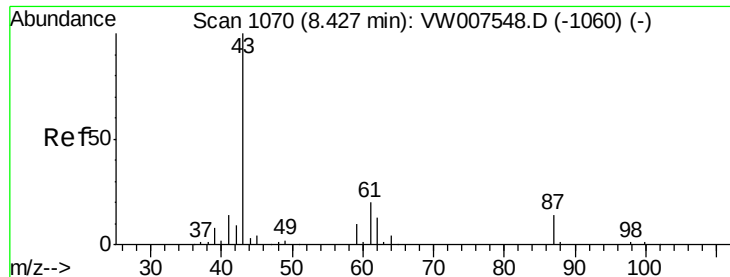
#42
1,2-Dichloroethane
Concen: 23.835 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion:	62	Resp:	19280
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.371 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

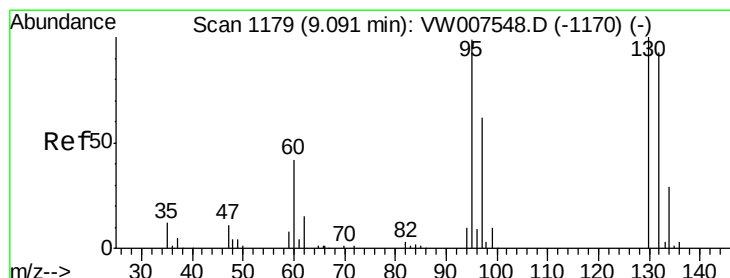
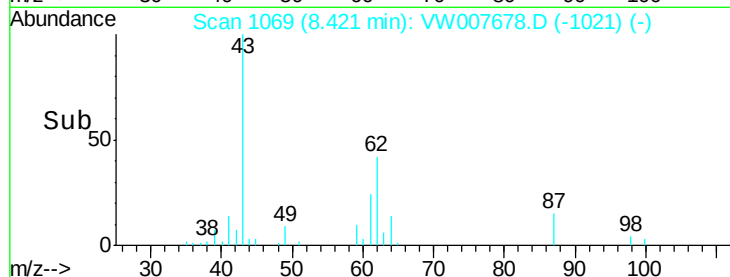
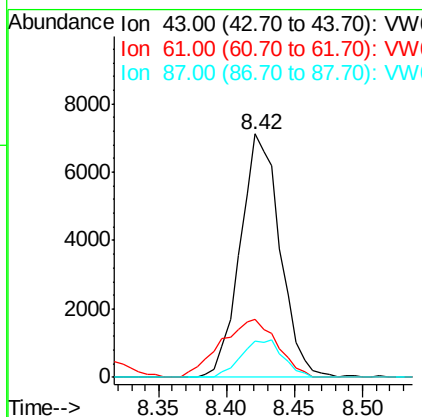
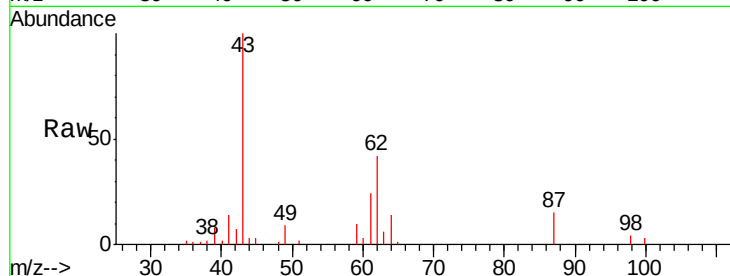
ClientSampleId :

VW1220SBS02

Tgt Ion:	43	Resp:	14569
Ion	Ratio	Lower	Upper
43	100		
61	33.4	25.3	37.9
87	16.3	11.8	17.8

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#44

Trichloroethene

Concen: 23.016 ug/l

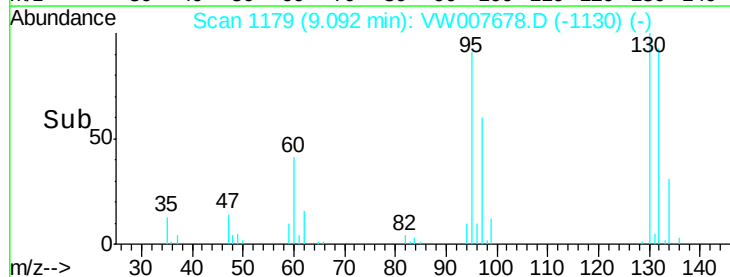
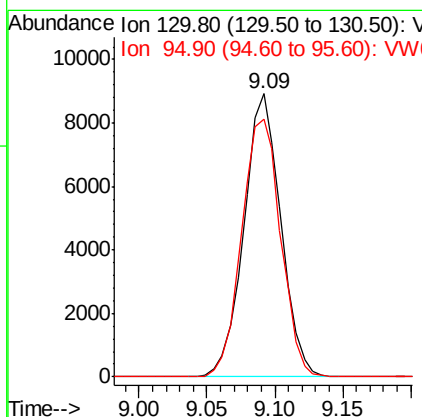
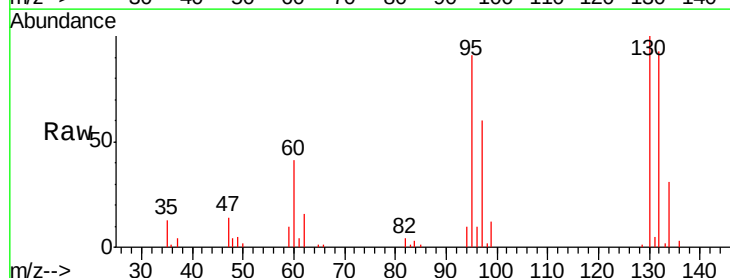
RT: 9.09 min Scan# 1179

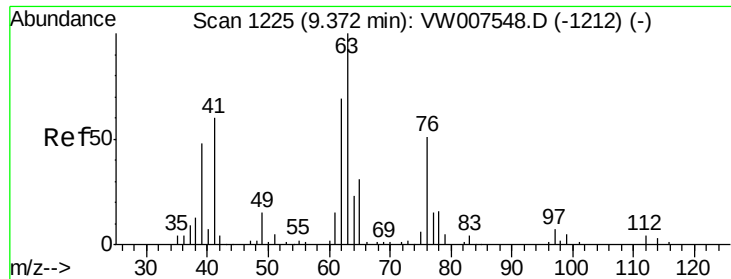
Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Tgt Ion:	130	Resp:	16924
Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	193.2





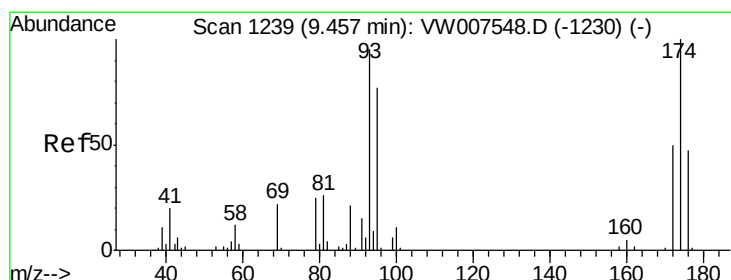
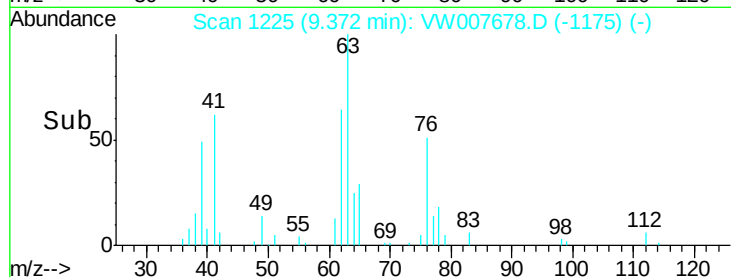
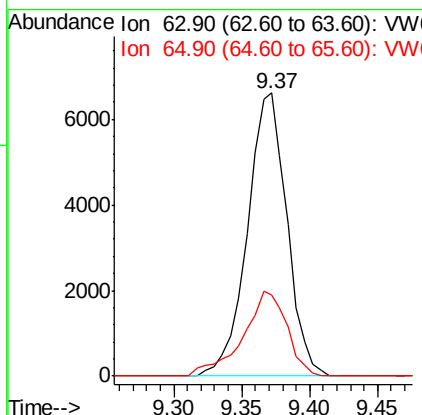
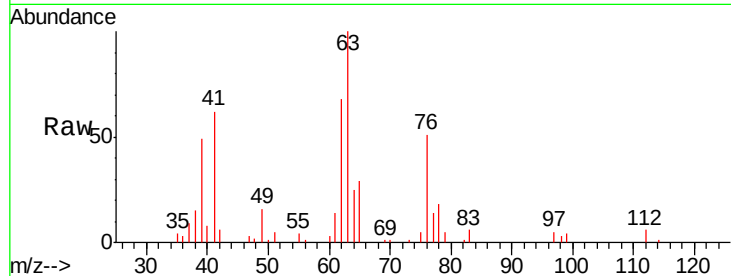
#45
 1,2-Dichloropropane
 Concen: 22.541 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007678.D
 Acq: 19 Dec 2018 01:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS02

Tgt Ion: 63 Resp: 13432
 Ion Ratio Lower Upper
 63 100
 65 28.6 24.4 36.6

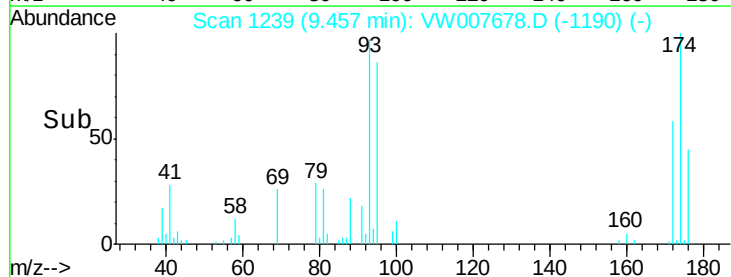
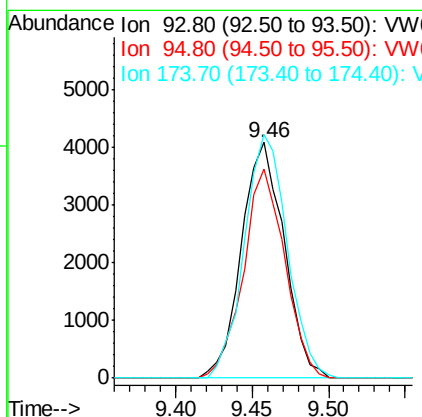
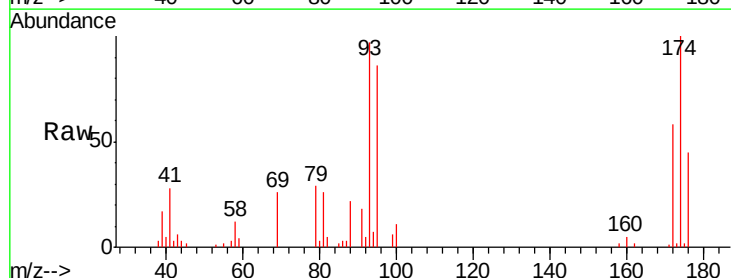
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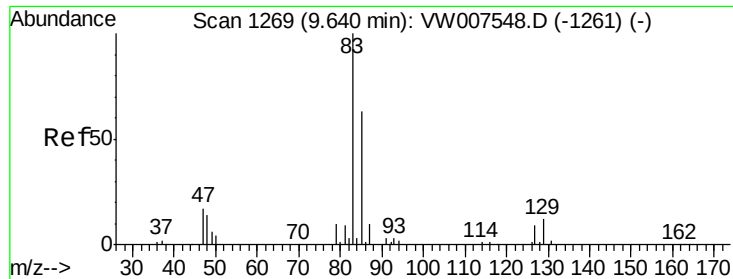
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#46
 Dibromomethane
 Concen: 23.395 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007678.D
 Acq: 19 Dec 2018 01:57

Tgt Ion: 93 Resp: 7917
 Ion Ratio Lower Upper
 93 100
 95 86.0 68.0 102.0
 174 104.0 83.2 124.8





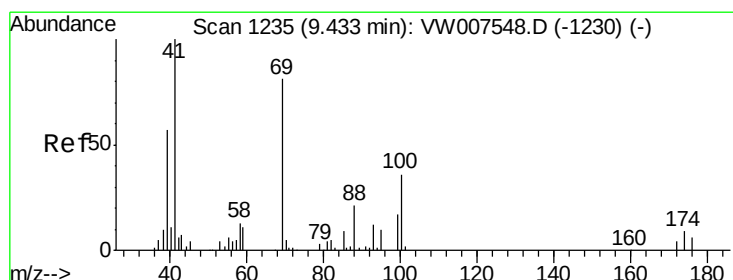
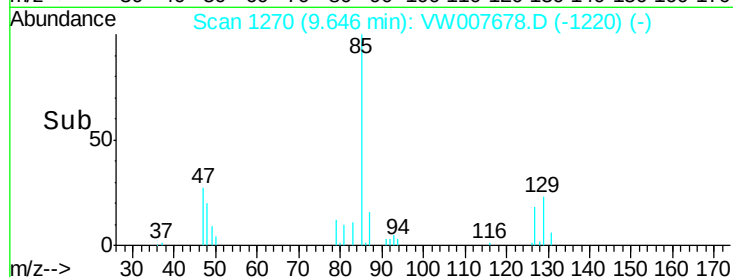
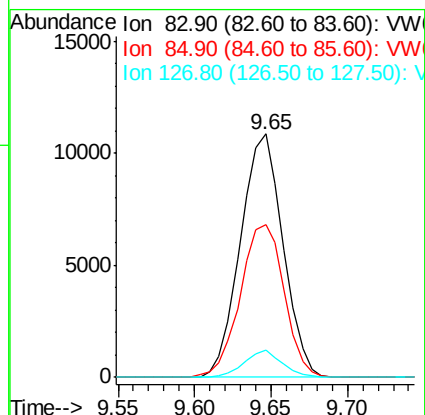
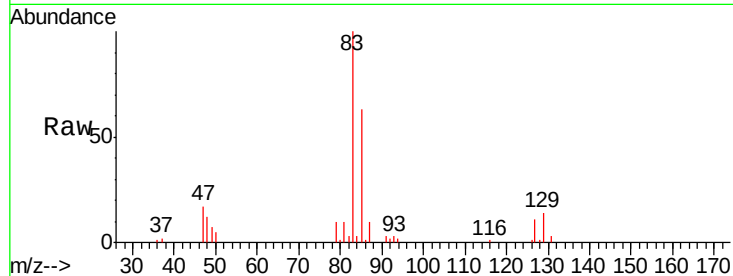
#47
Bromodichloromethane
Concen: 23.630 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD02

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	62.9	47.6	71.4
127	11.3	6.7	10.1#

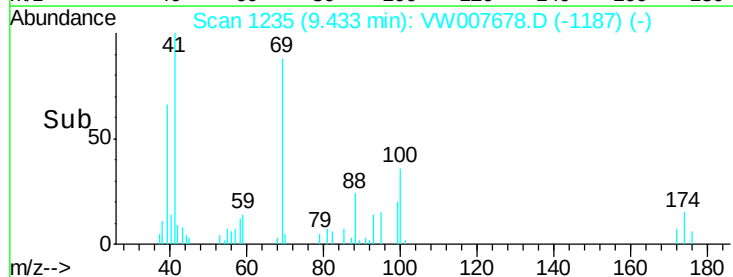
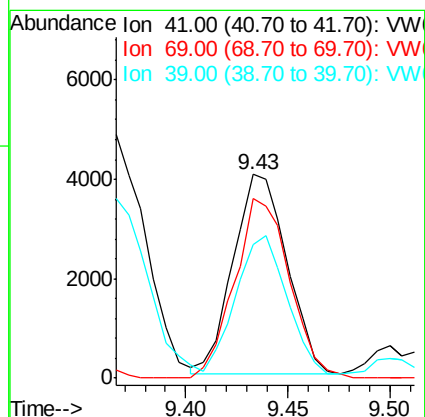
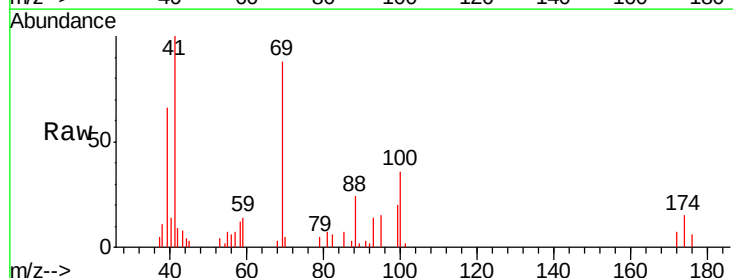
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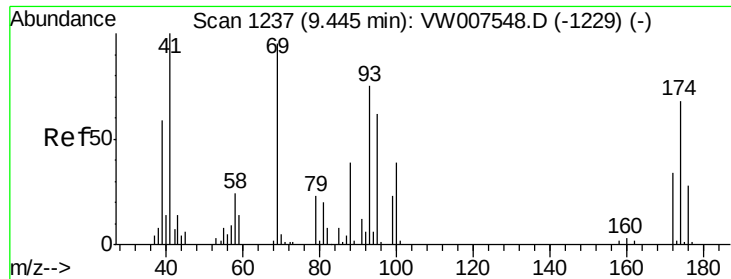
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#48
Methyl methacrylate
Concen: 20.870 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion	Ratio	Resp Lower	Upper
41	100		
69	92.8	69.8	104.8
39	70.7	50.9	76.3





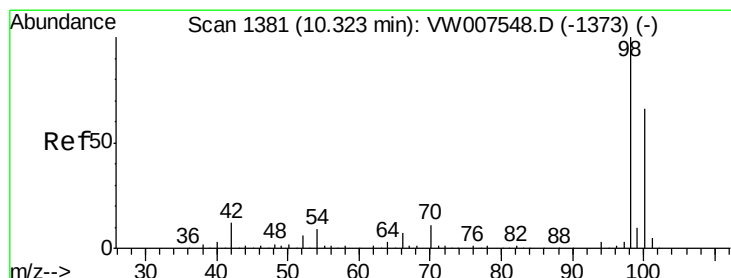
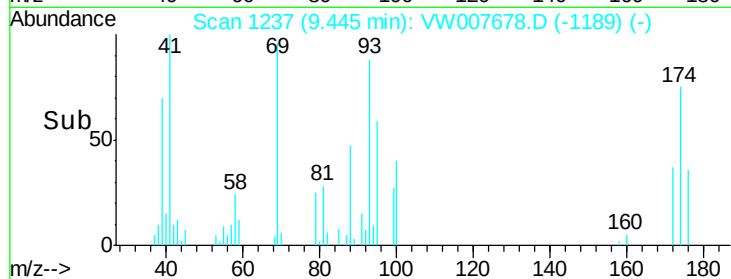
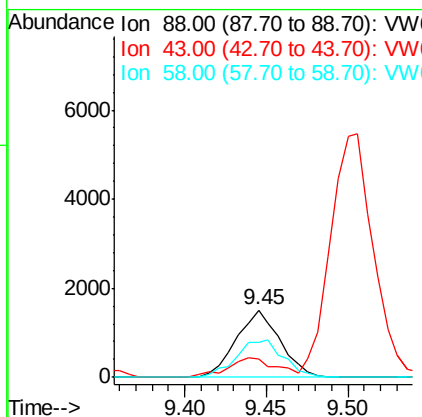
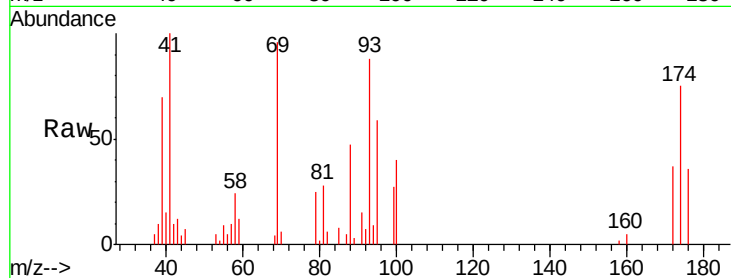
#49
1,4-Dioxane
Concen: 515.044 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.9	25.0	37.4
58	60.0	51.4	77.2

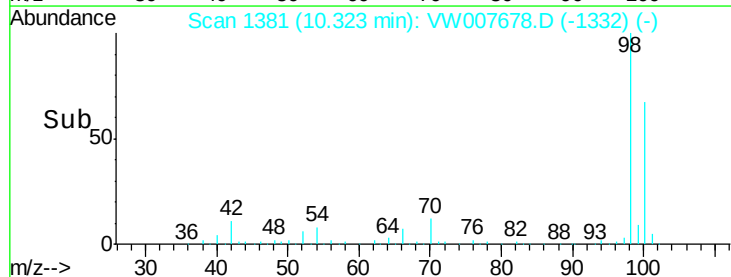
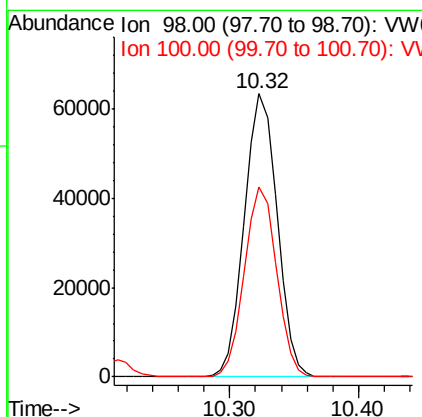
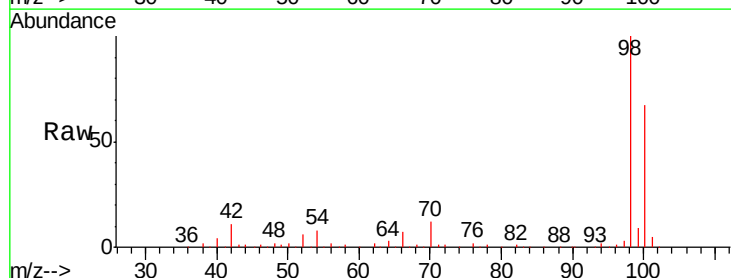
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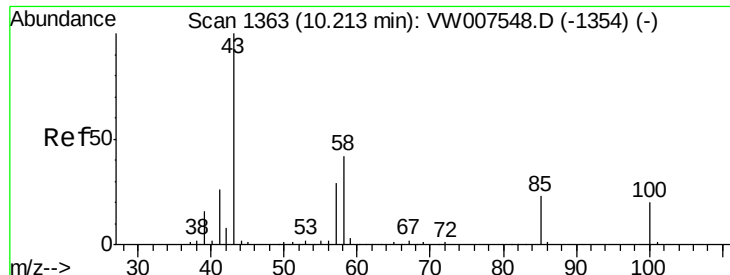
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#50
Toluene-d8
Concen: 48.413 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.8	77.8





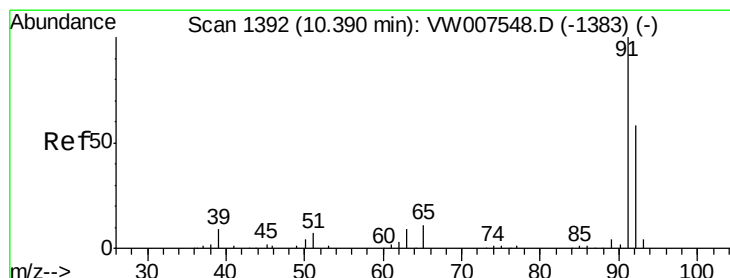
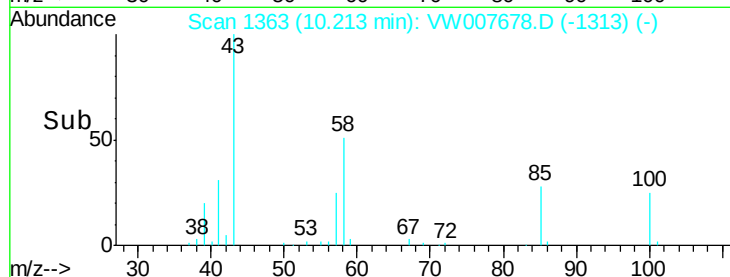
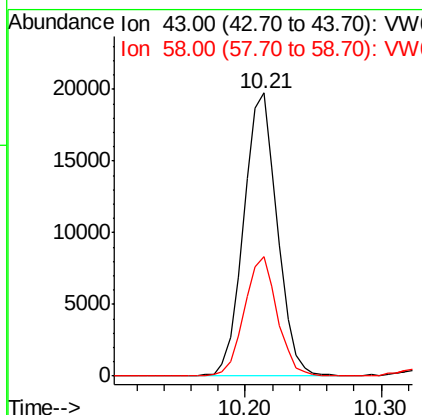
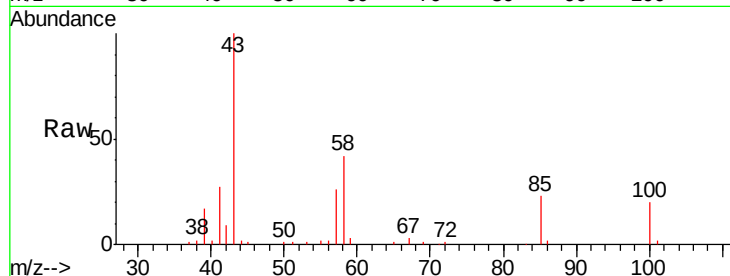
#51
4-Methyl-2-Pentanone
Concen: 105.689 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS02

Tgt Ion: 43 Resp: 34043
Ion Ratio Lower Upper
43 100
58 41.3 33.1 49.7

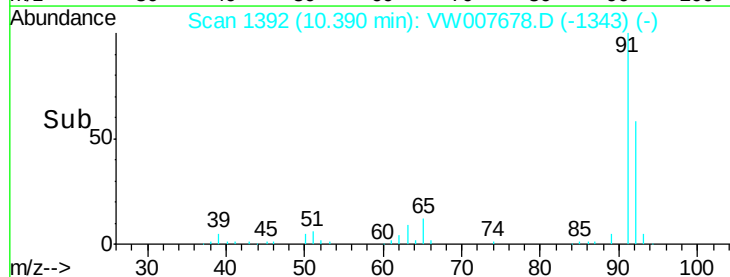
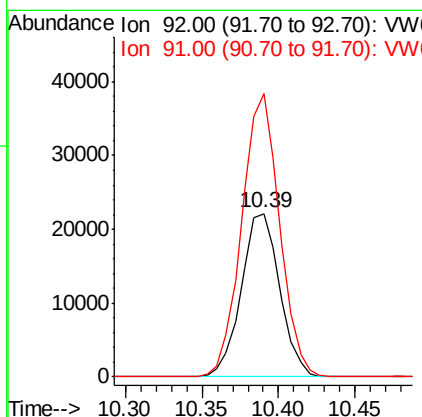
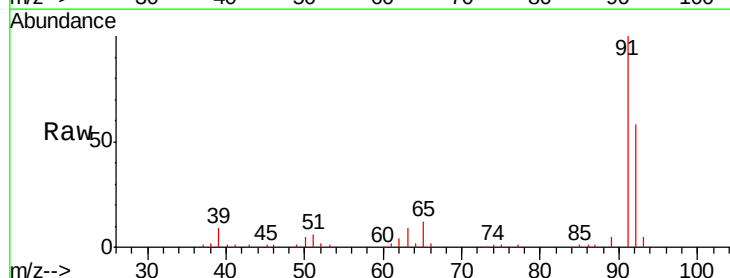
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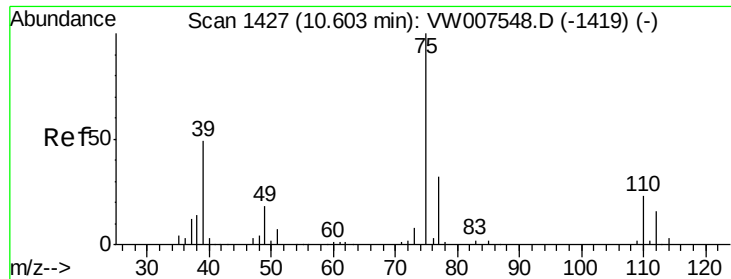
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#52
Toluene
Concen: 23.231 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion: 92 Resp: 38713
Ion Ratio Lower Upper
92 100
91 170.1 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 22.767 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBSD02

Tgt Ion: 75 Resp: 19619

Ion Ratio Lower Upper

75 100

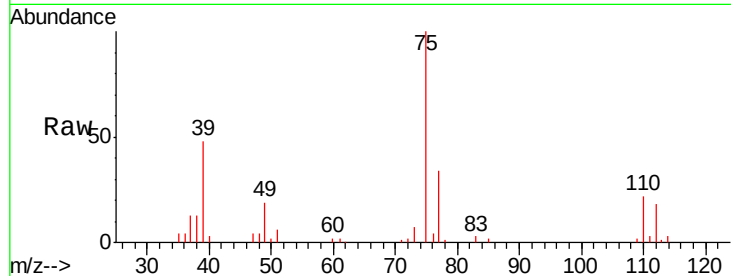
77 33.8 26.2 39.4

Manual Integrations

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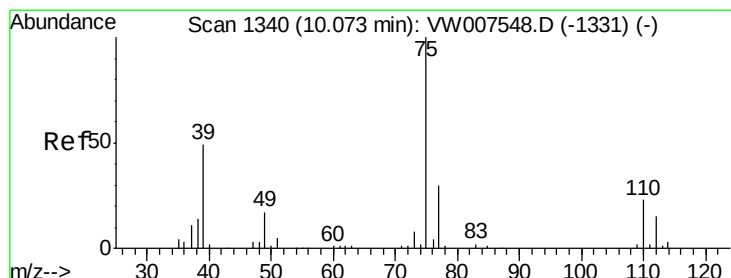
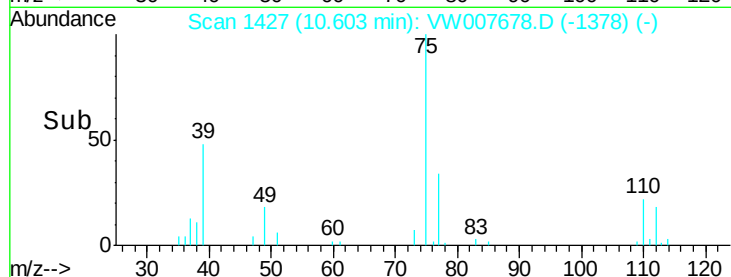
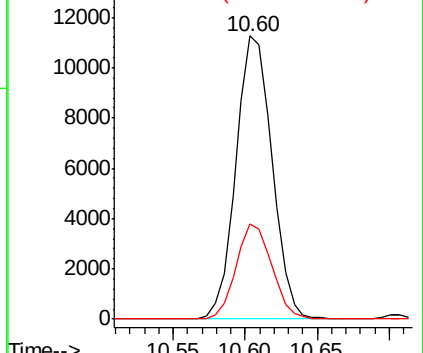
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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 22.206 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

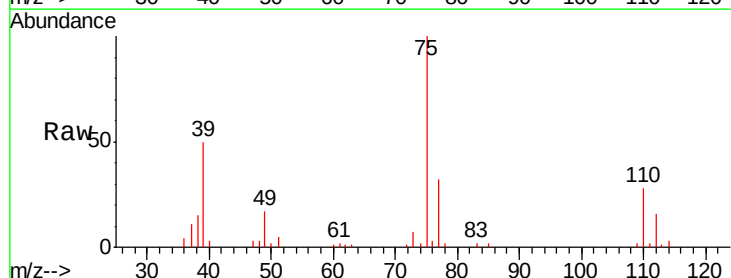
Tgt Ion: 75 Resp: 22121

Ion Ratio Lower Upper

75 100

77 32.4 24.8 37.2

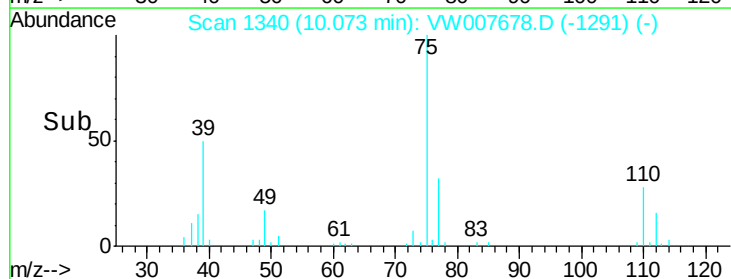
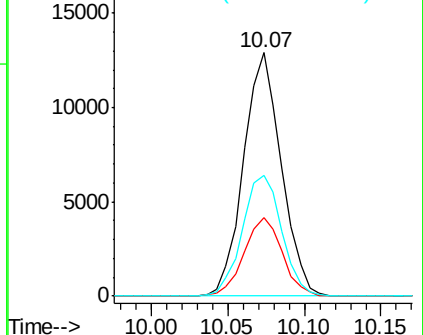
39 49.7 40.9 61.3

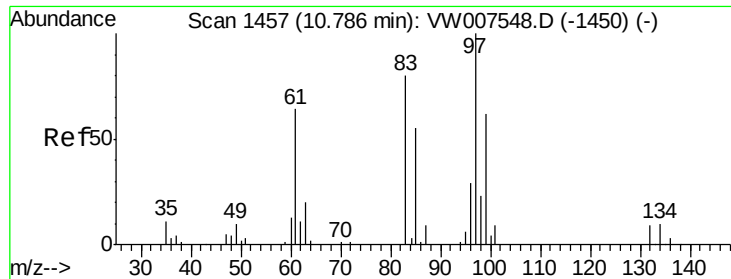


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





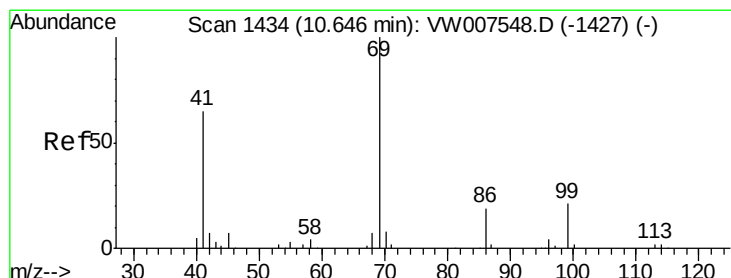
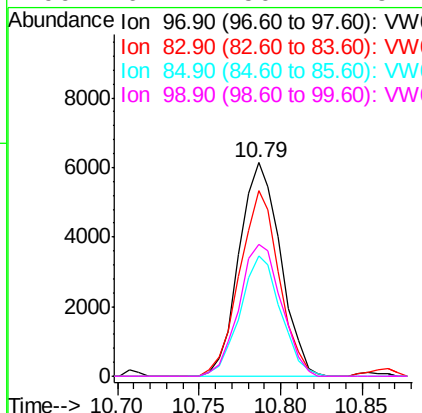
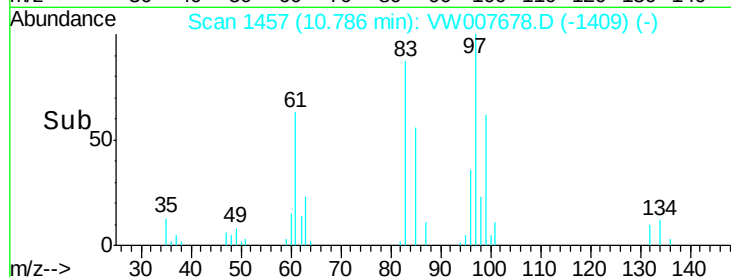
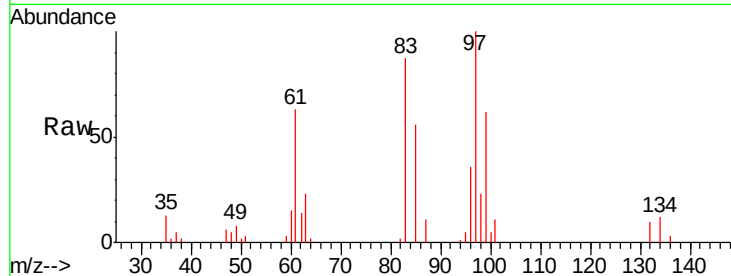
#55
 1,1,2-Trichloroethane
 Concen: 23.471 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007678.D
 Acq: 19 Dec 2018 01:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	10810		
83	86.8	62.1	93.1	
85	56.2	44.2	66.4	
99	61.7	50.2	75.4	

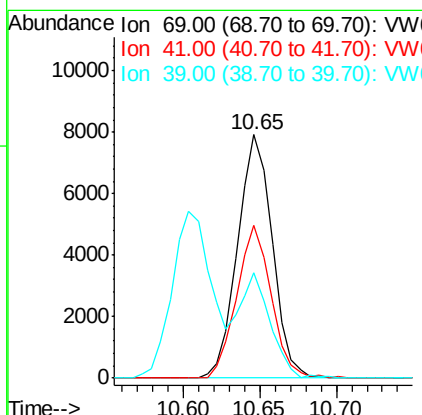
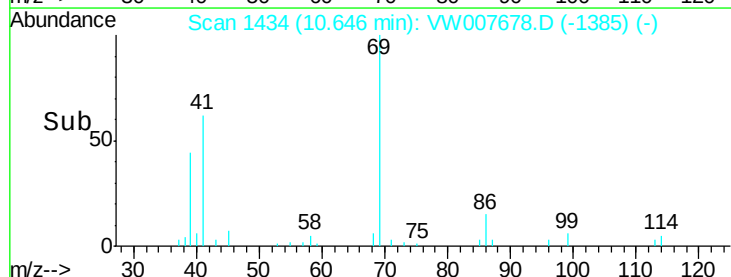
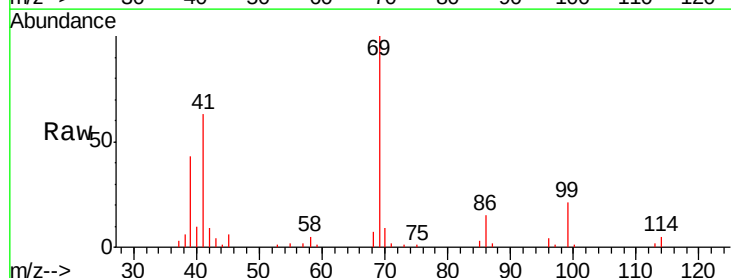
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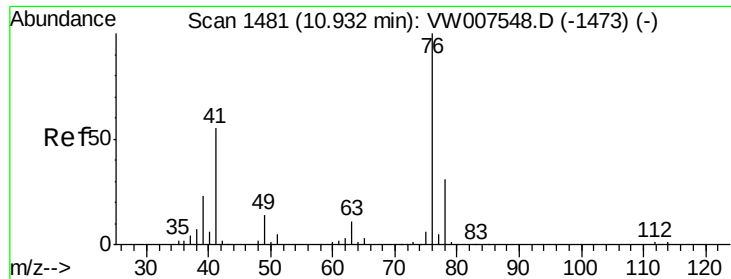
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#56
 Ethyl methacrylate
 Concen: 22.506 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007678.D
 Acq: 19 Dec 2018 01:57

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	12459		
41	62.3	51.0	76.6	
39	38.3	30.8	46.2	





#57

1,3-Dichloropropane

Concen: 24.381 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS02

Tgt Ion: 76 Resp: 18431

Ion Ratio Lower Upper

76 100

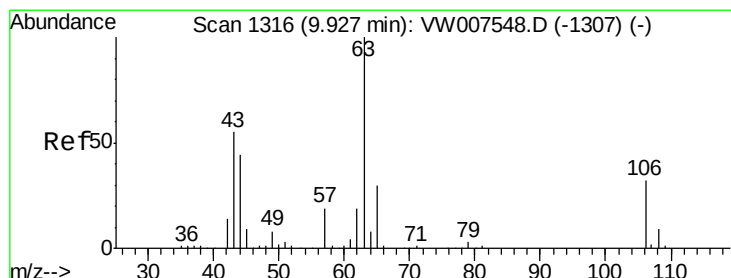
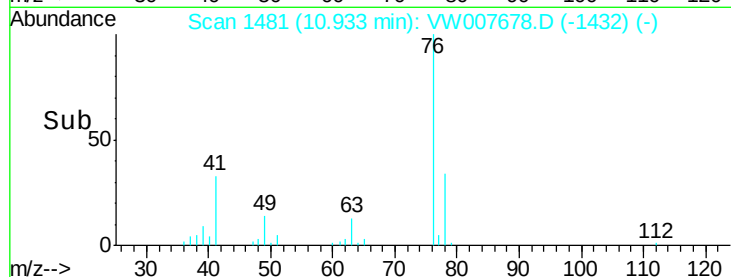
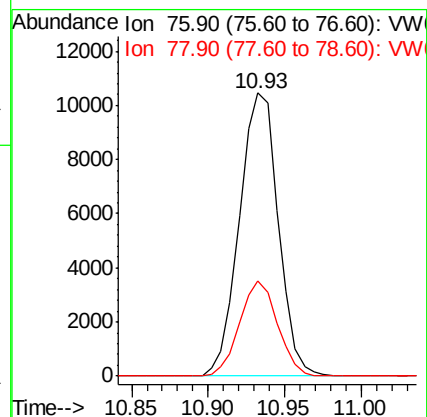
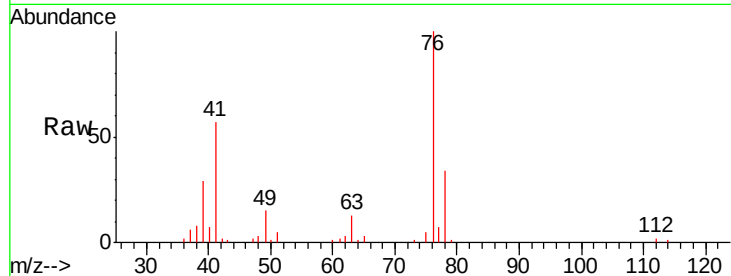
78 32.7 26.2 39.4

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#58

2-Chloroethyl Vinyl ether

Concen: 105.236 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007678.D

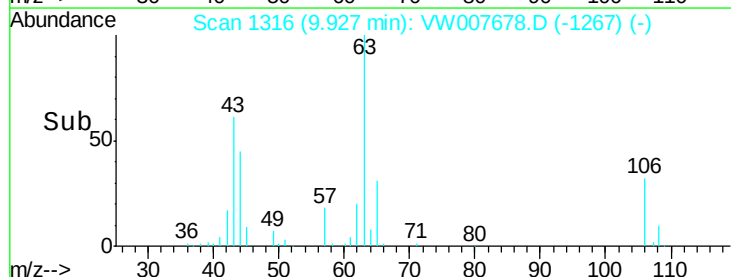
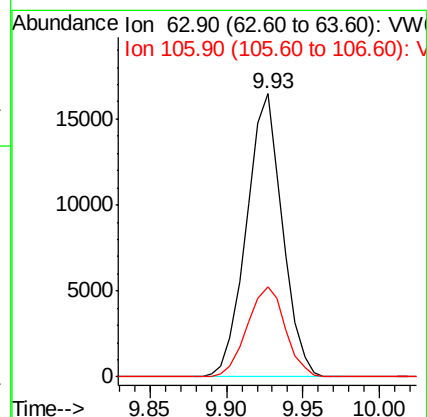
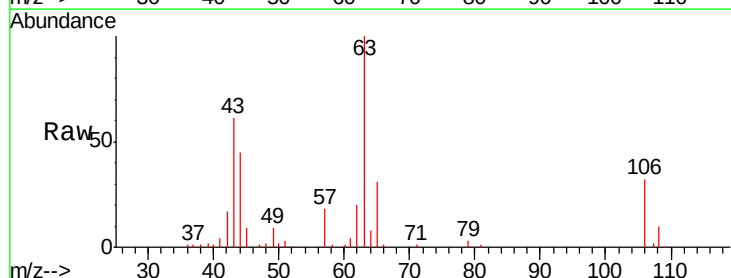
Acq: 19 Dec 2018 01:57

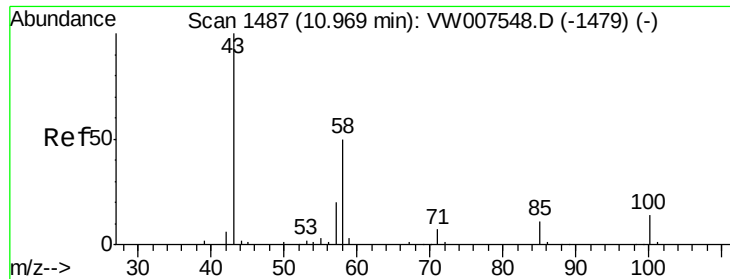
Tgt Ion: 63 Resp: 26865

Ion Ratio Lower Upper

63 100

106 33.7 25.0 37.6





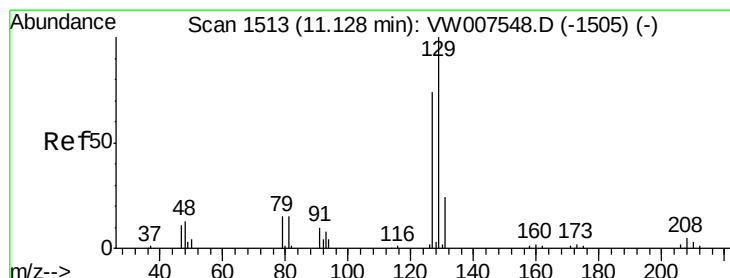
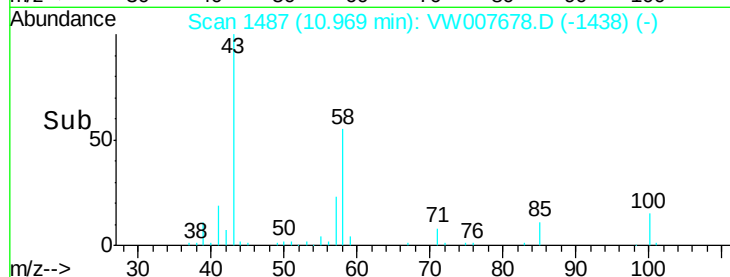
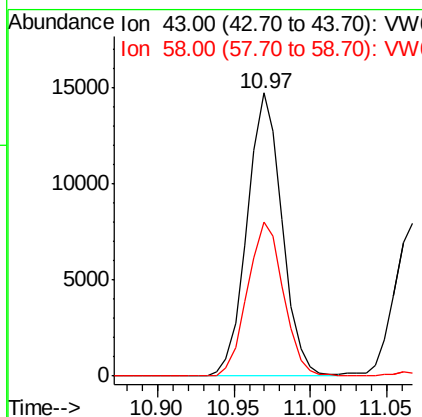
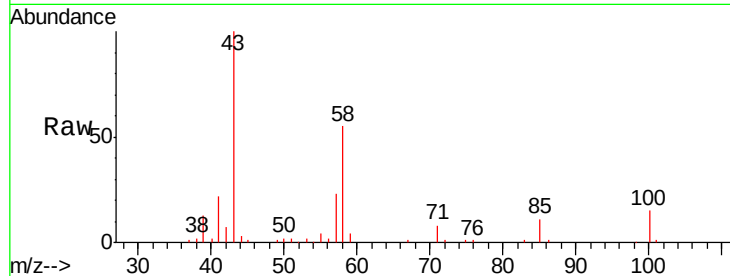
#59
2-Hexanone
Concen: 108.823 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS02

Tgt Ion: 43 Resp: 23373
Ion Ratio Lower Upper
43 100
58 55.9 27.1 81.3

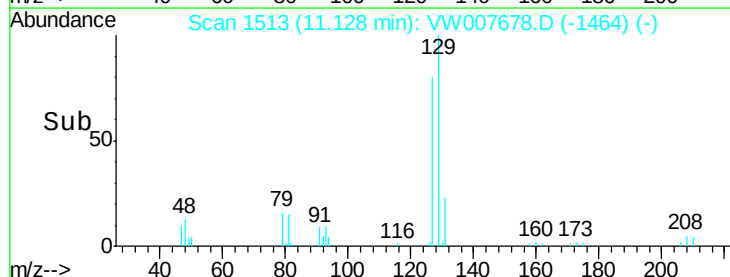
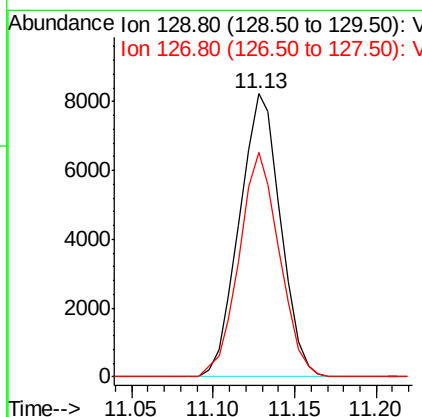
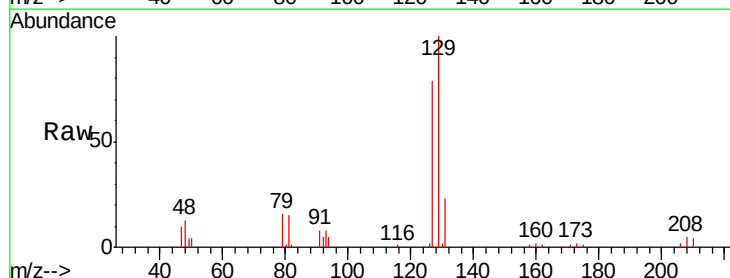
Manual Integrations
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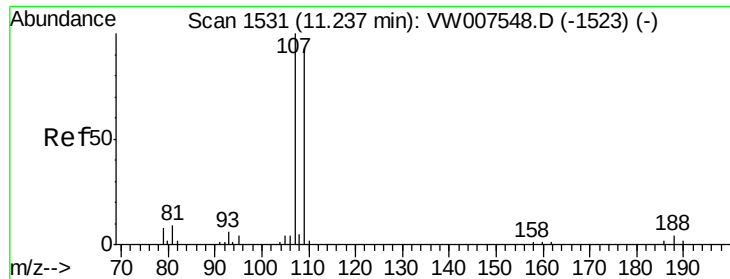
apatel
12/19/2018 12:15:46 PM



#60
Dibromochloromethane
Concen: 24.887 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion: 129 Resp: 14465
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 24.772 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBSD02

Tgt Ion: 107 Resp: 11275

Ion Ratio Lower Upper

107 100

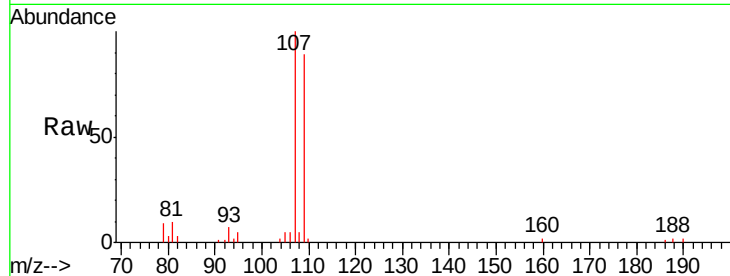
109 90.6 79.1 118.7

Manual Integrations

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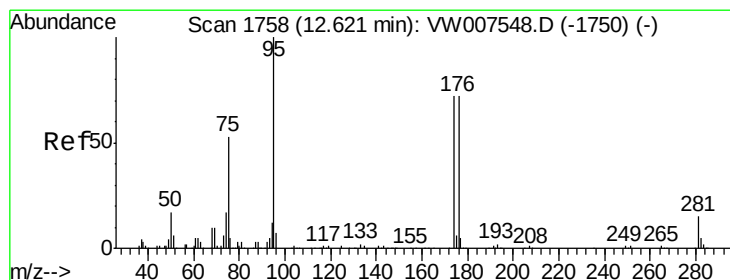
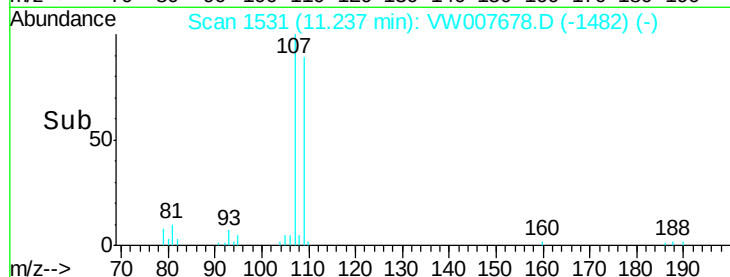
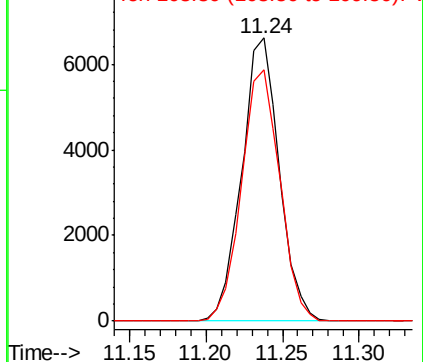
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.789 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

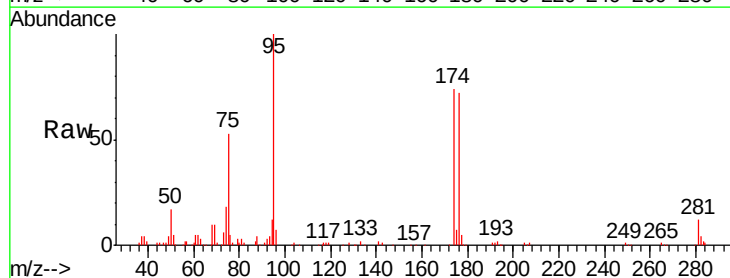
Tgt Ion: 95 Resp: 43960

Ion Ratio Lower Upper

95 100

174 77.7 0.0 147.2

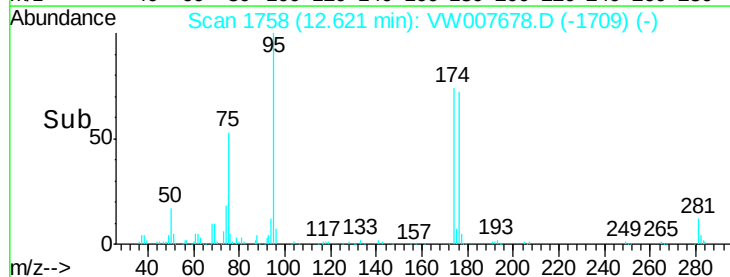
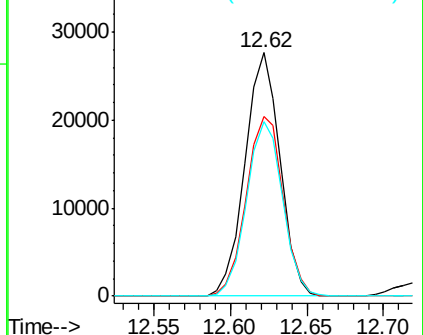
176 73.7 0.0 138.8

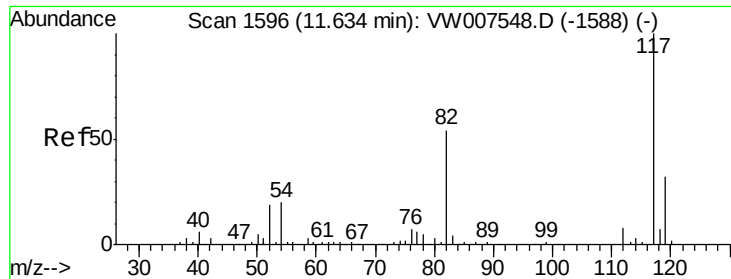


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





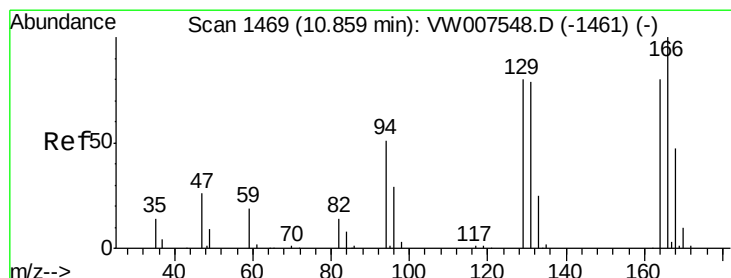
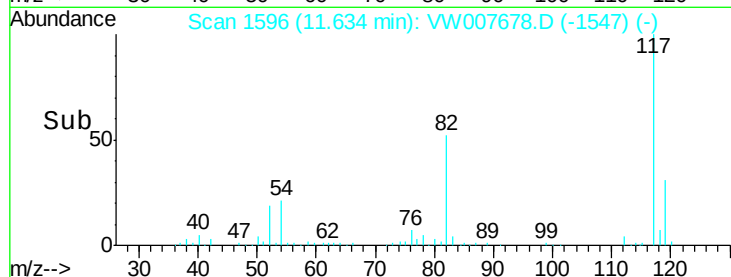
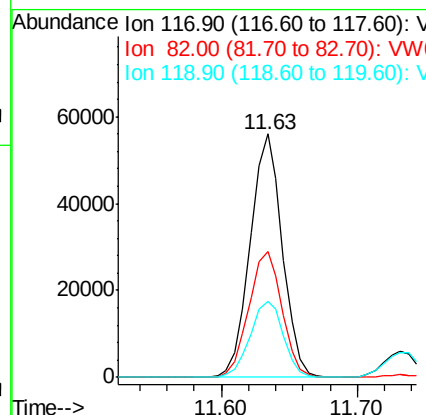
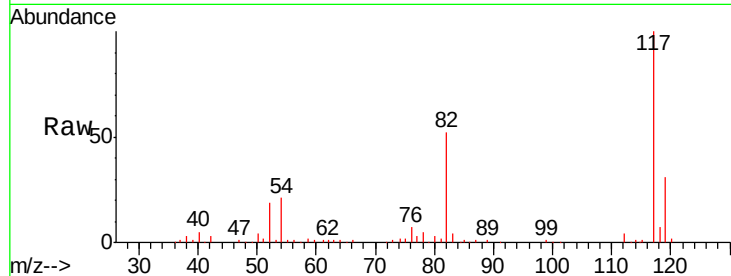
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.3	63.5
119	31.3	23.0	34.6

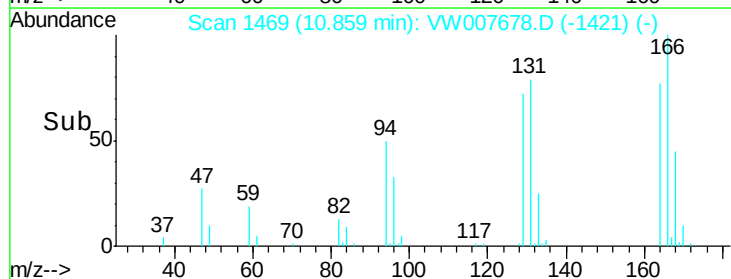
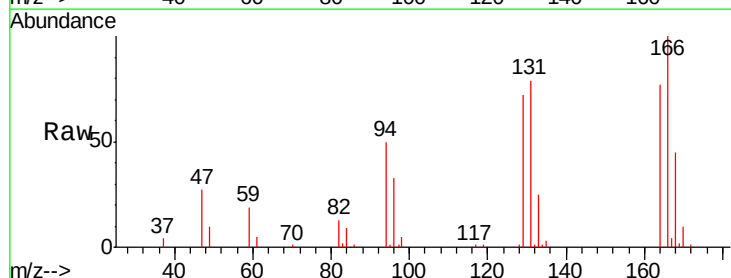
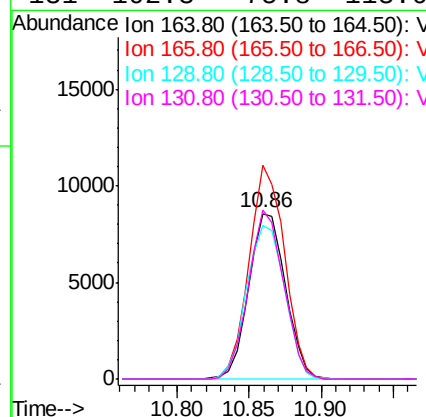
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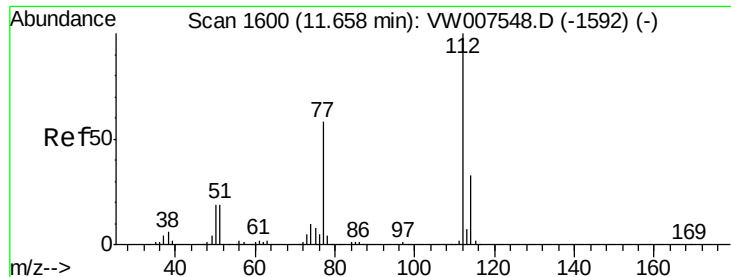
apatel
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#64
Tetrachloroethene
Concen: 22.610 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	107.9	161.9
129	93.1	73.4	110.2
131	102.3	75.8	113.6





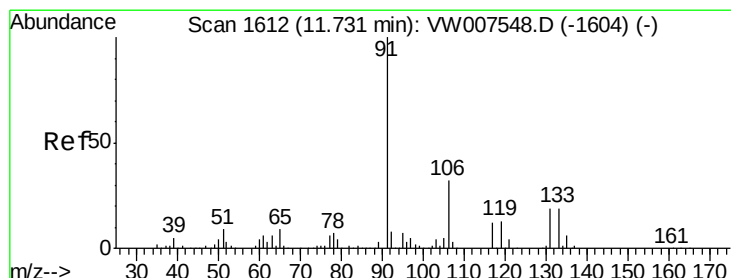
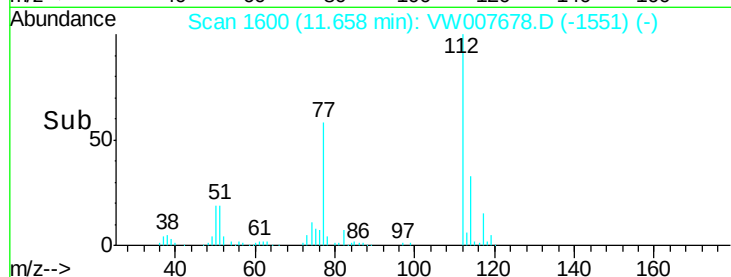
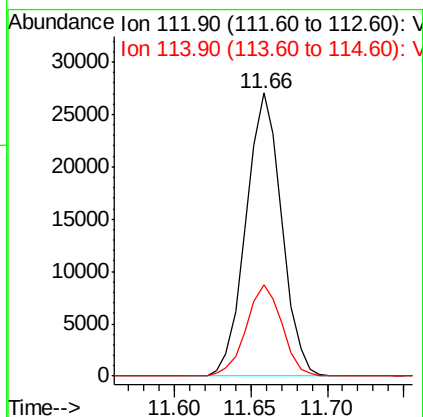
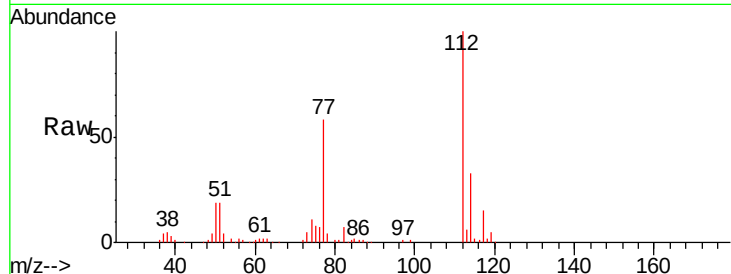
#65
Chlorobenzene
Concen: 22.840 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD02

Tgt Ion:112 Resp: 43971
Ion Ratio Lower Upper
112 100
114 32.5 27.8 41.8

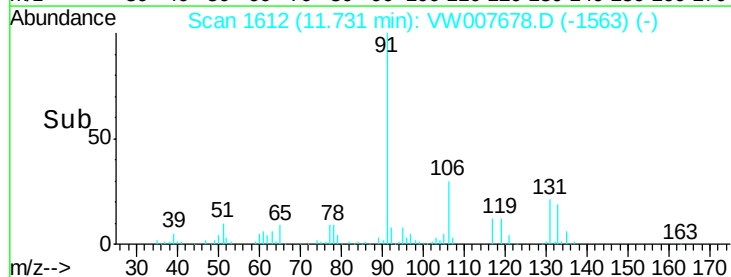
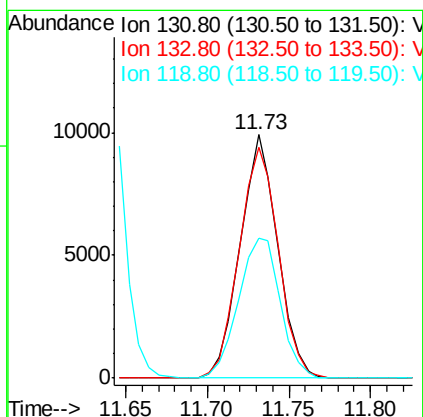
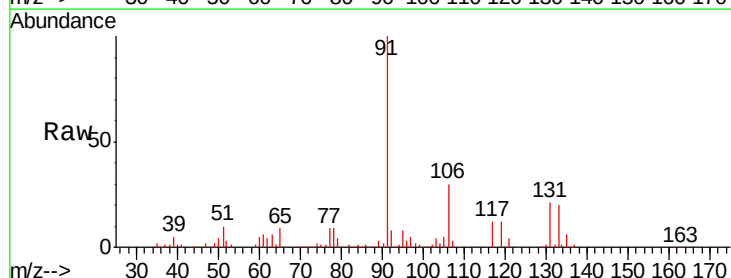
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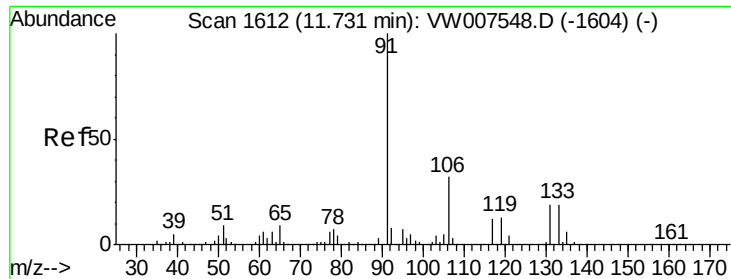
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 23.373 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion:131 Resp: 15848
Ion Ratio Lower Upper
131 100
133 99.1 47.1 141.4
119 63.9 31.3 93.9





#67

Ethyl Benzene

Concen: 22.841 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBSD02

Tgt Ion: 91 Resp: 75603

Ion Ratio Lower Upper

91 100

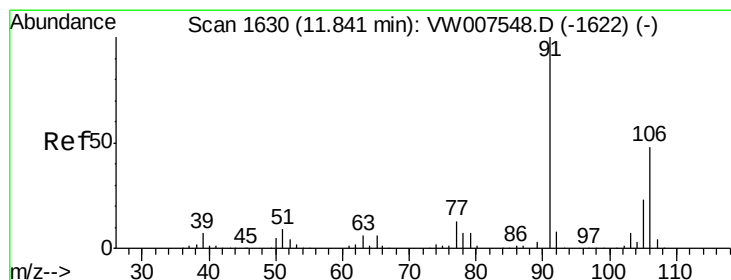
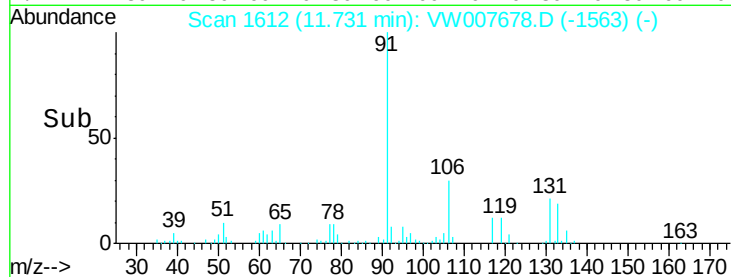
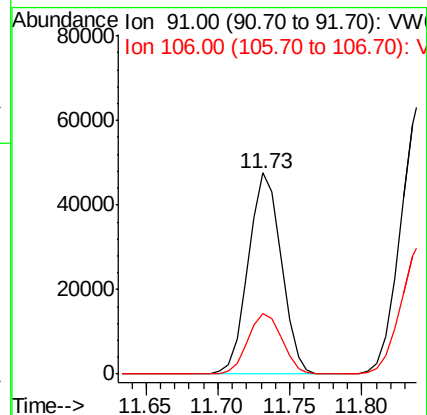
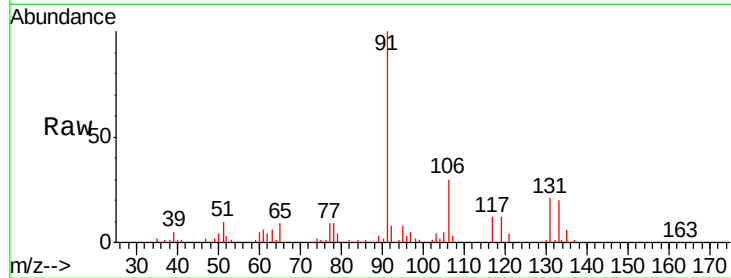
106 30.3 21.8 32.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 46.122 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW007678.D

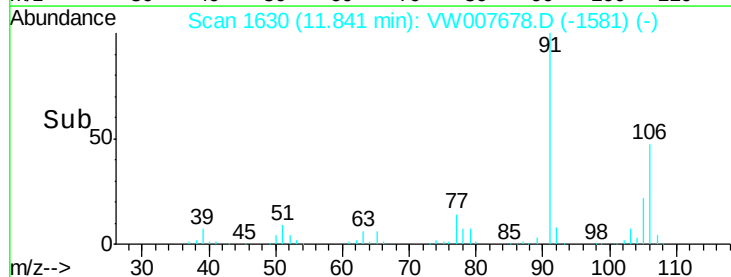
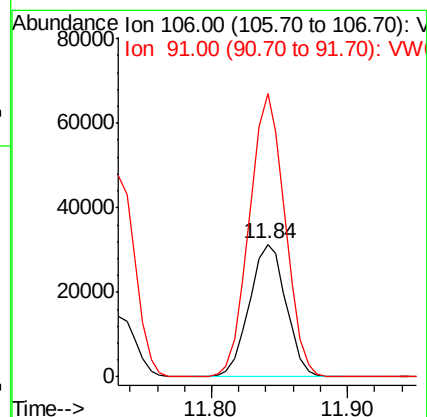
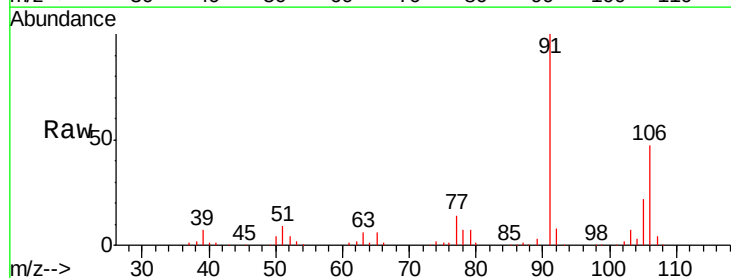
Acq: 19 Dec 2018 01:57

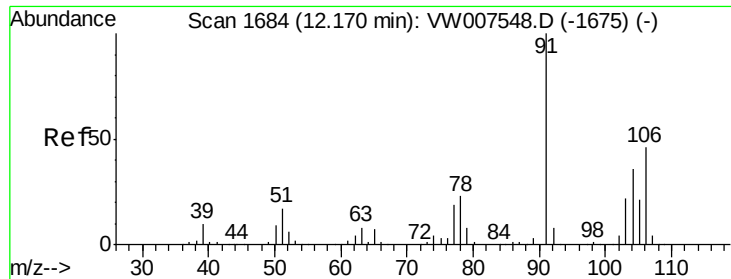
Tgt Ion: 106 Resp: 59348

Ion Ratio Lower Upper

106 100

91 207.4 165.3 247.9





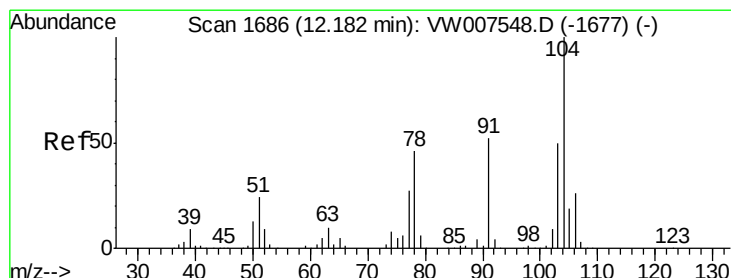
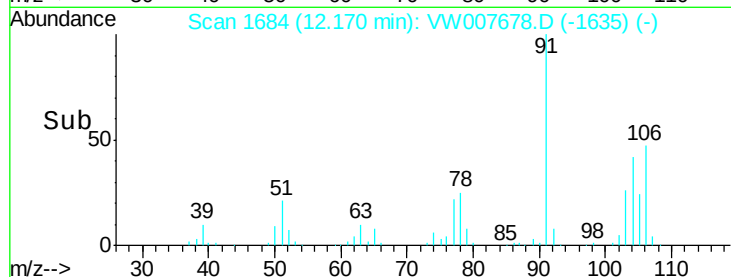
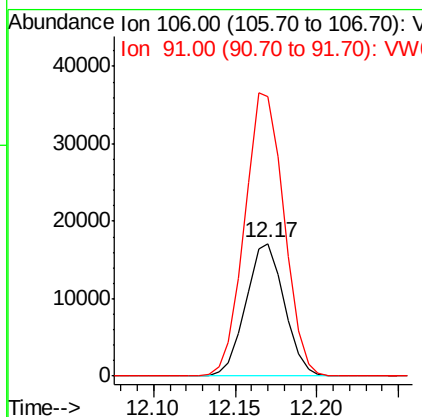
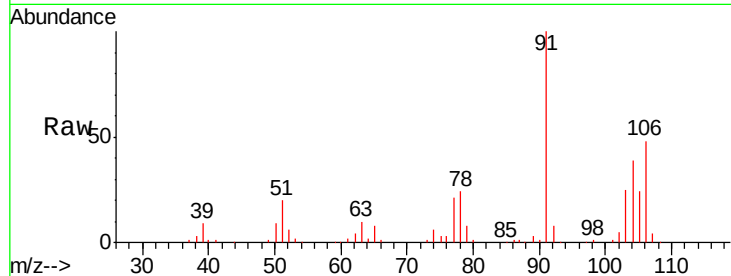
#69
o-Xylene
Concen: 23.360 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD02

Tgt Ion:106 Resp: 28073
Ion Ratio Lower Upper
106 100
91 218.7 106.6 319.8

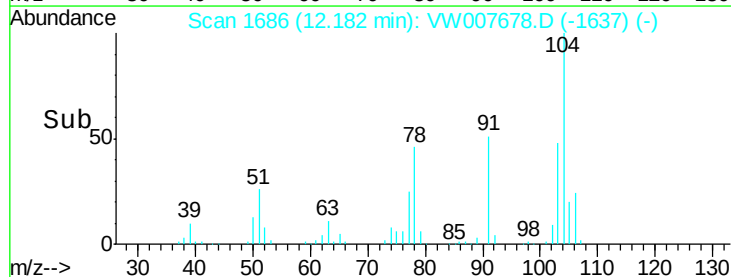
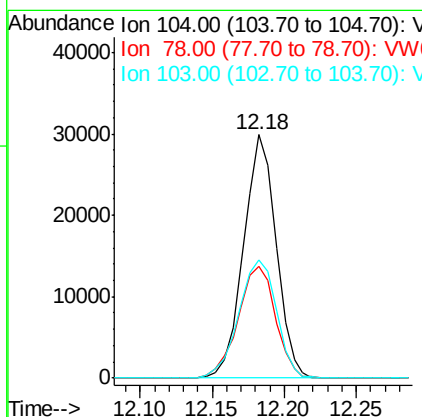
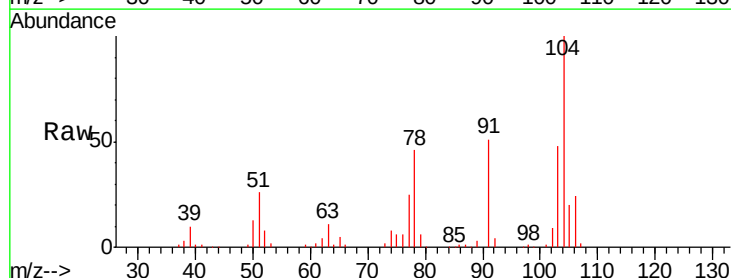
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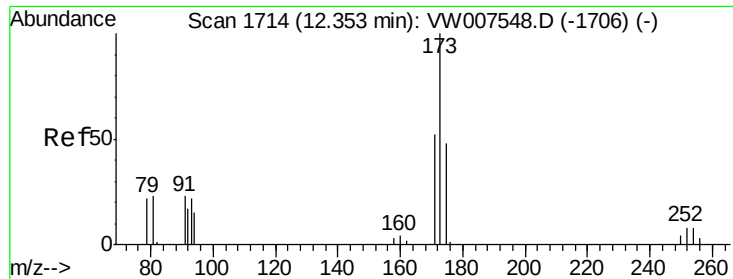
apatel
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#70
Styrene
Concen: 24.072 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion:104 Resp: 46725
Ion Ratio Lower Upper
104 100
78 52.7 41.8 62.8
103 56.2 46.6 69.8





#71

Bromoform

Concen: 24.034 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

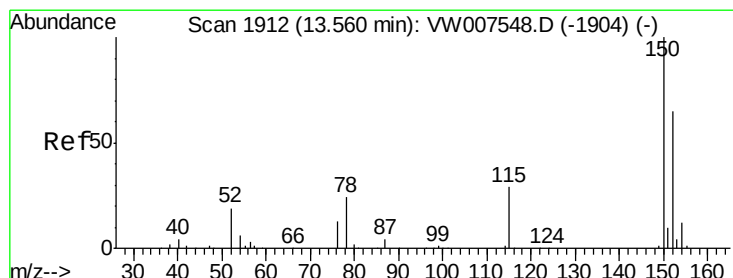
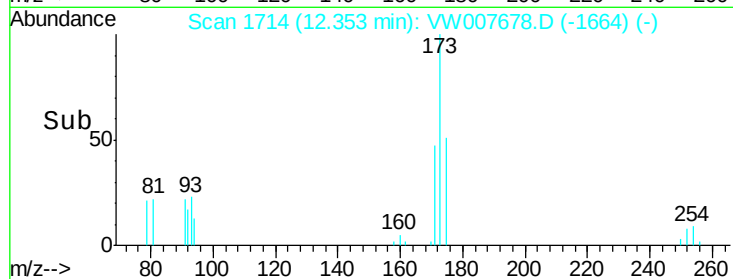
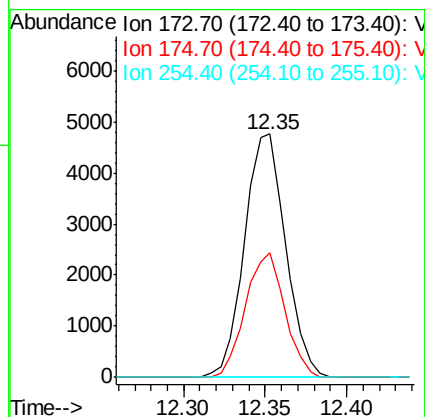
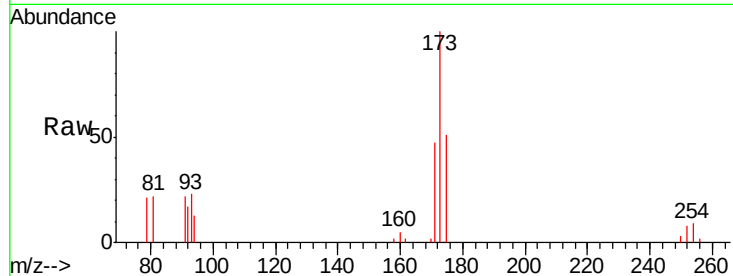
ClientSampleId :

VW1220SBSD02

Tgt Ion:	173	Resp:	8341
Ion Ratio	Lower	Upper	
173	100		
175	48.8	23.6	70.8
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

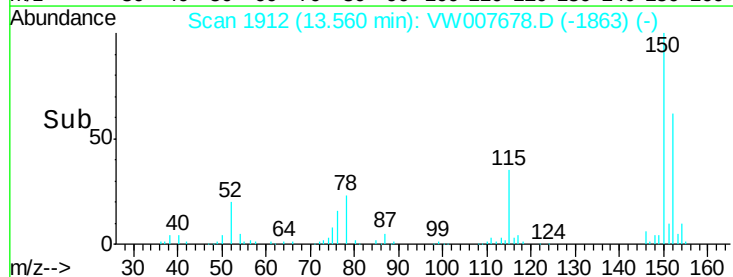
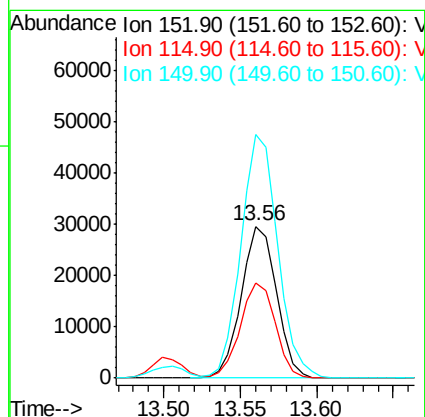
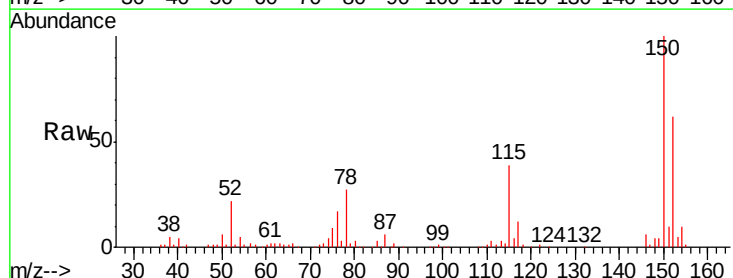
RT: 13.56 min Scan# 1912

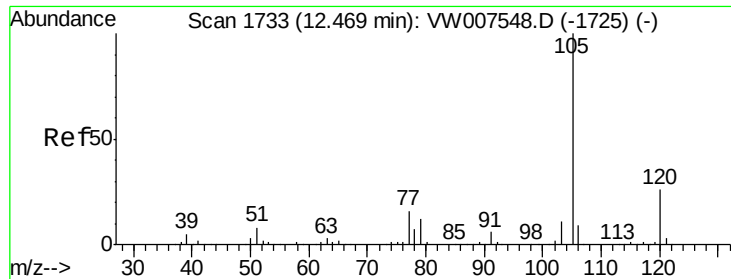
Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Tgt Ion:	152	Resp:	47311
Ion Ratio	Lower	Upper	
152	100		
115	62.2	31.4	94.2
150	168.0	0.0	358.4





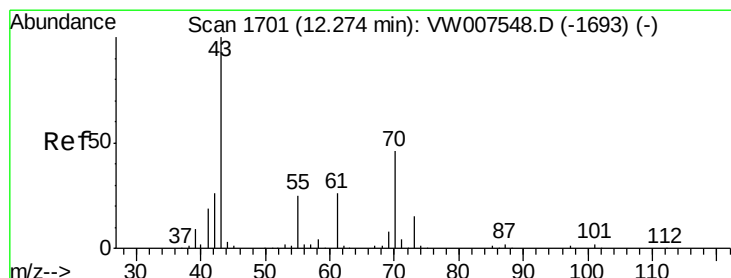
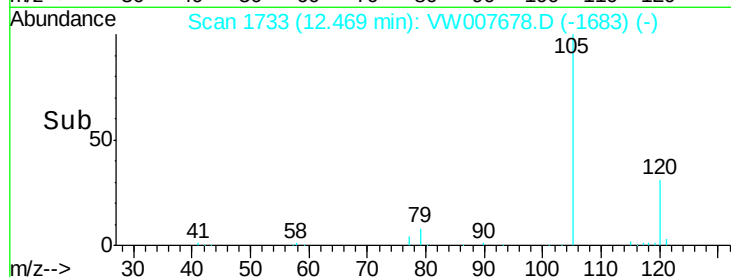
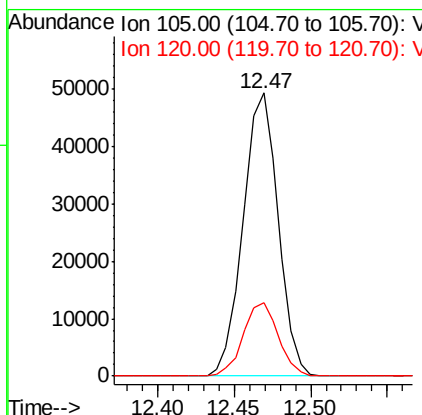
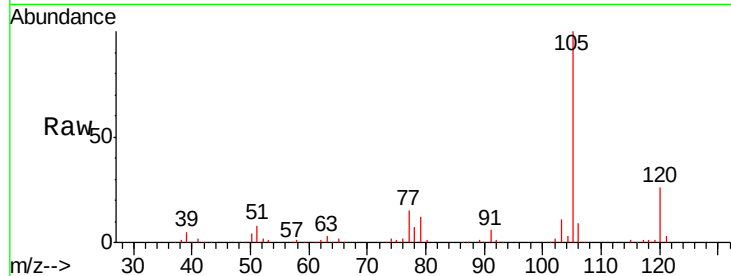
#73
Isopropylbenzene
Concen: 21.618 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD02

Tgt Ion: 105 Resp: 78369
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4

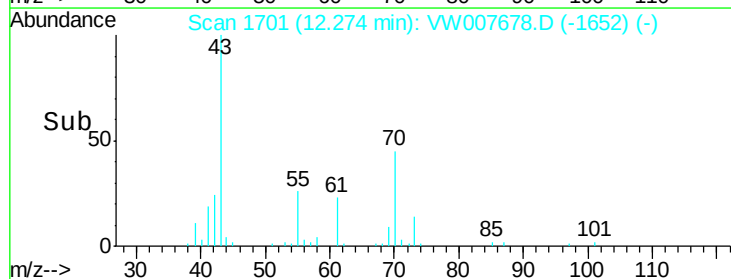
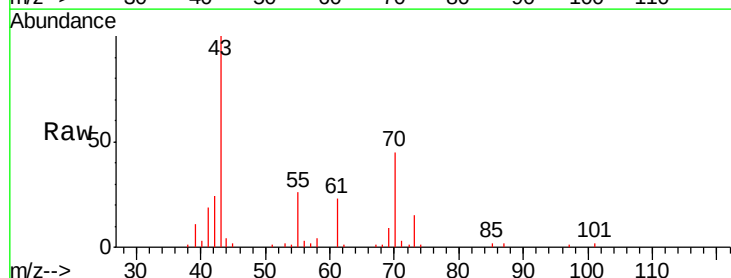
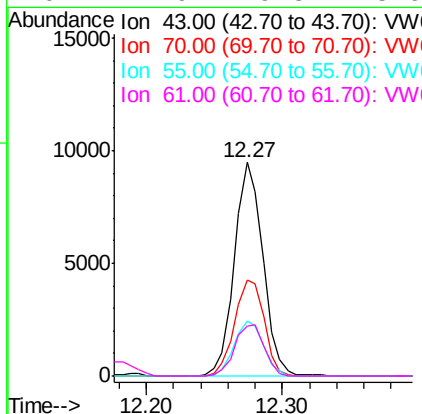
Manual Integrations
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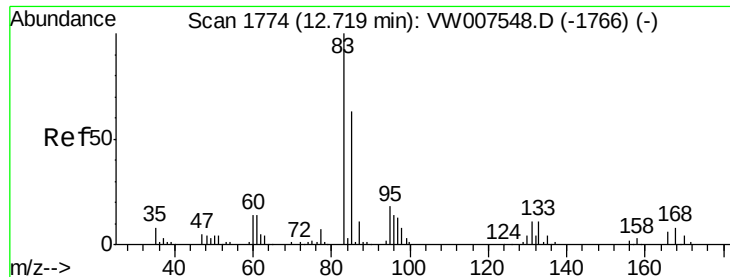
apatel
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#74
N-ethyl acetate
Concen: 20.998 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion: 43 Resp: 13834
Ion Ratio Lower Upper
43 100
70 46.6 36.5 54.7
55 26.3 20.1 30.1
61 24.9 19.3 28.9





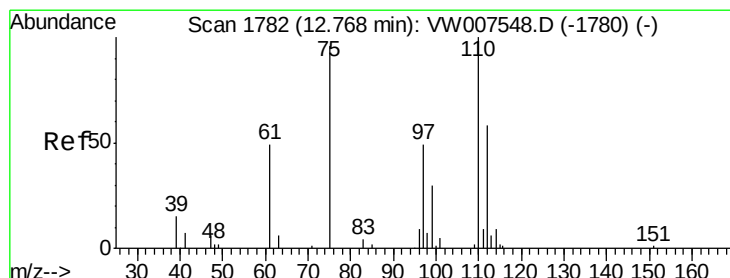
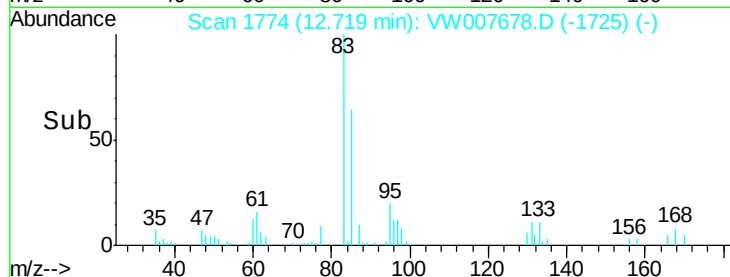
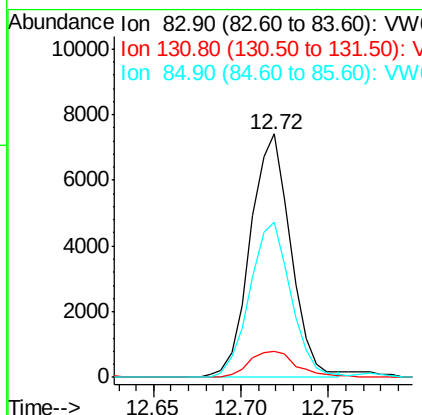
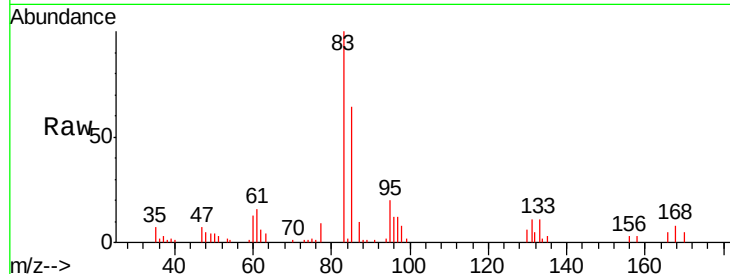
#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.132 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007678.D
 Acq: 19 Dec 2018 01:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
131	12.8	5.9	17.8
85	64.9	30.0	90.0

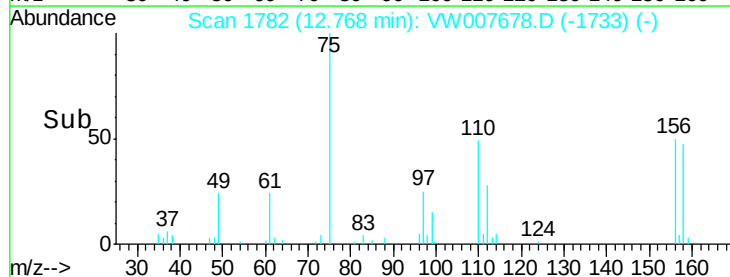
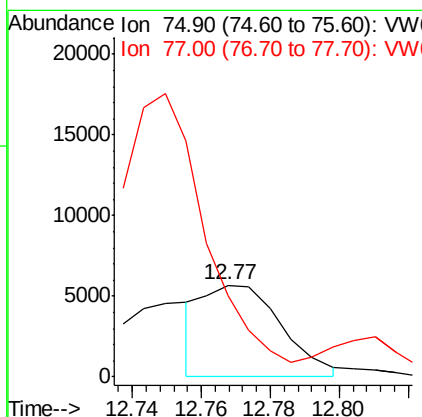
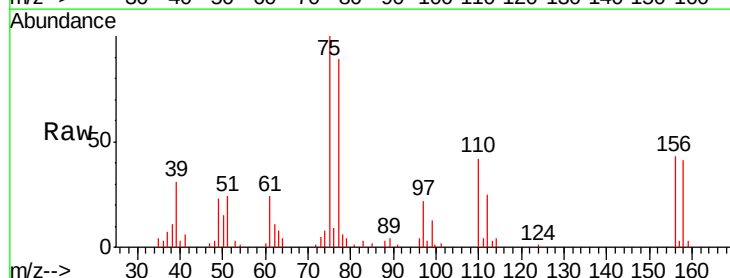
Manual Integrations
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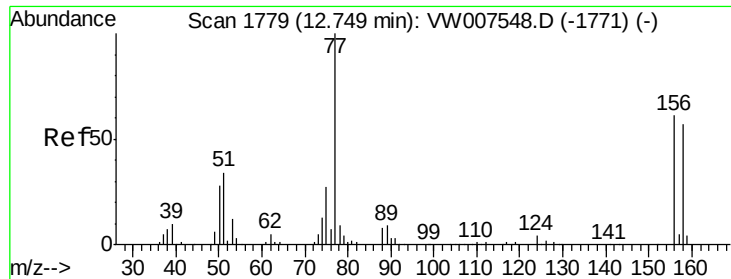
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#76
 1,2,3-Trichloropropane
 Concen: 23.141 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW007678.D
 Acq: 19 Dec 2018 01:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	355.6	166.9	500.8





#77

Bromobenzene

Concen: 22.567 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

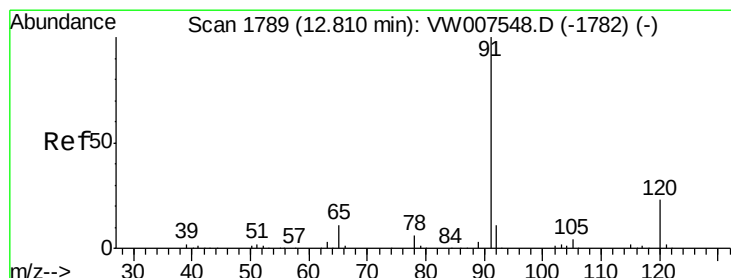
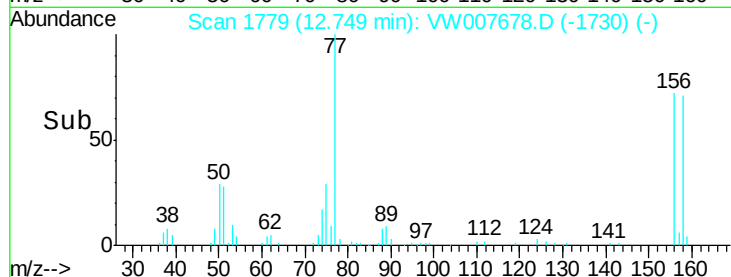
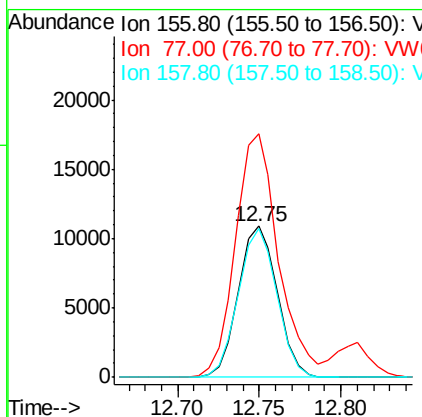
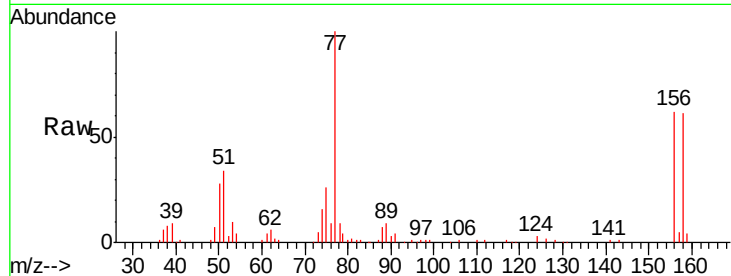
ClientSampleId :

VW1220SBSD02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	177.0	88.1	264.4
158	97.6	45.6	136.7

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#78

n-propylbenzene

Concen: 22.573 ug/l

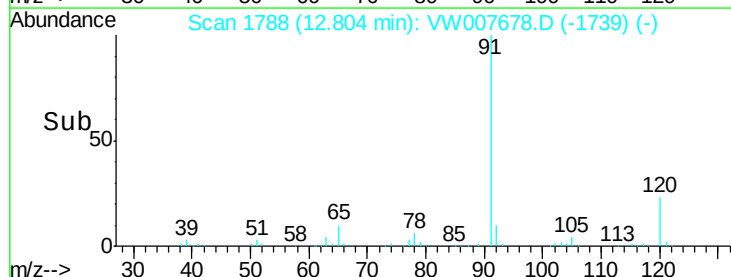
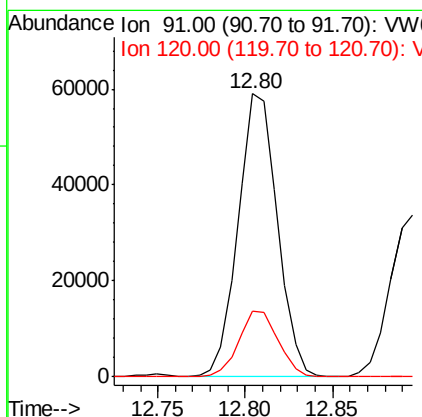
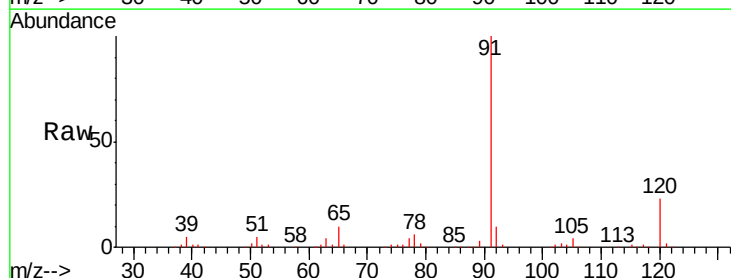
RT: 12.80 min Scan# 1788

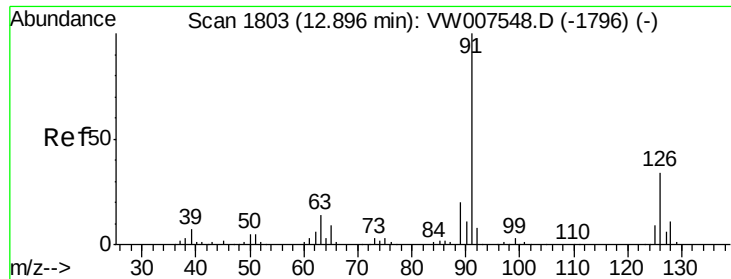
Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.9	35.5





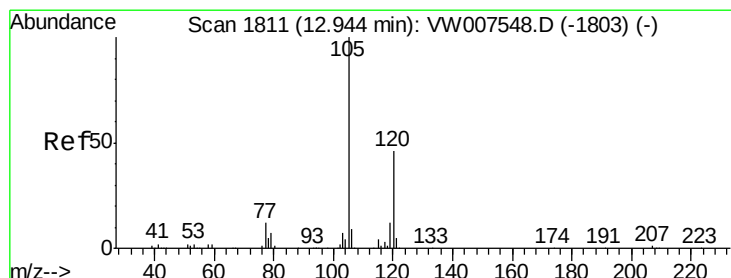
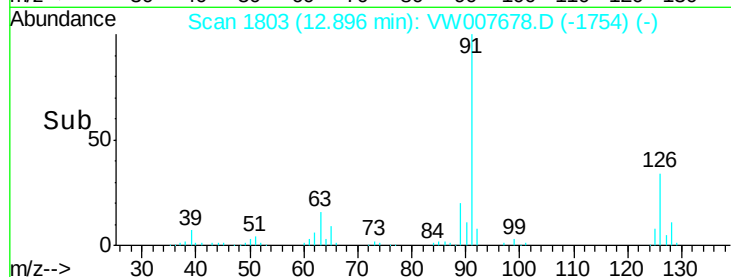
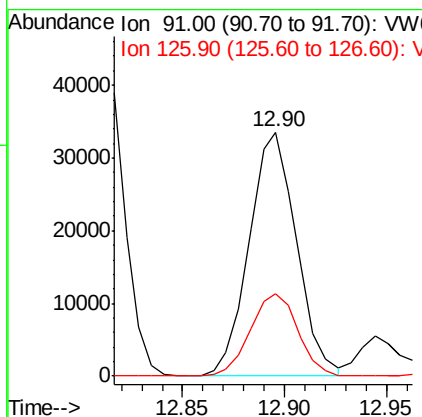
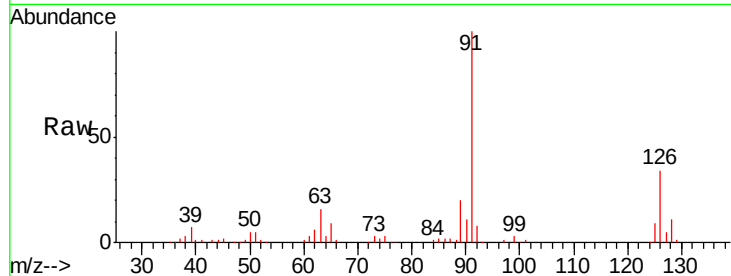
#79
2-Chlorotoluene
Concen: 21.950 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS02

Tgt Ion: 91 Resp: 54185
Ion Ratio Lower Upper
91 100
126 33.9 15.9 47.6

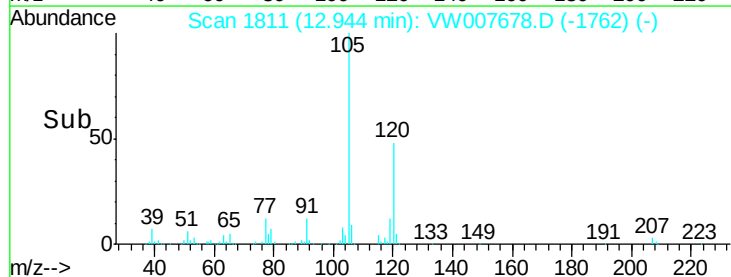
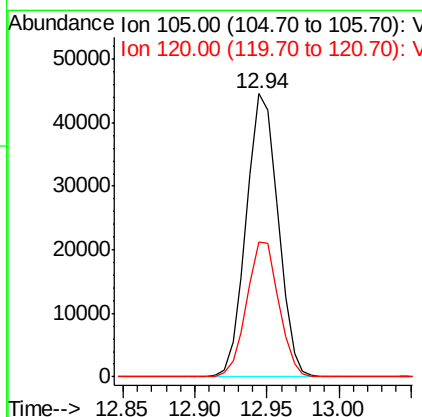
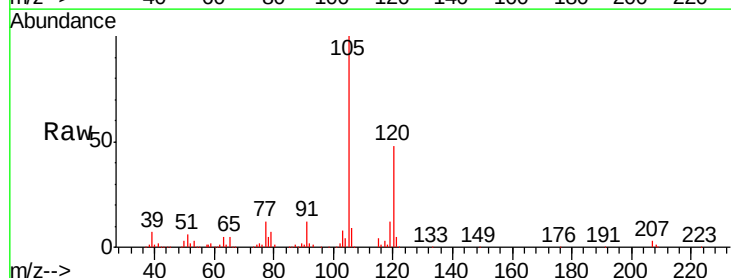
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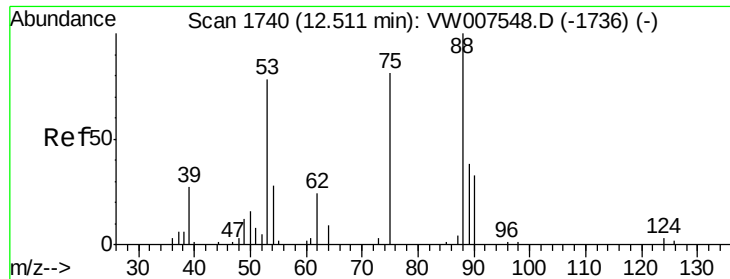
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#80
1,3,5-Trimethylbenzene
Concen: 22.329 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion: 105 Resp: 68016
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.4





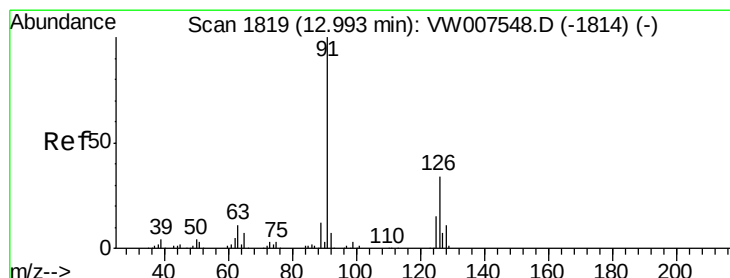
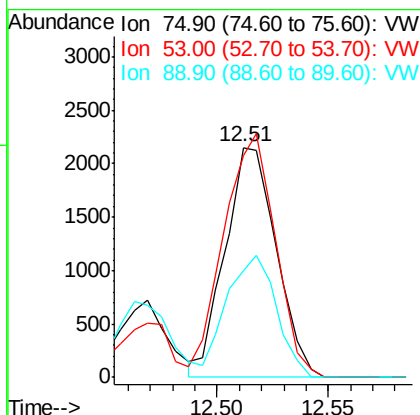
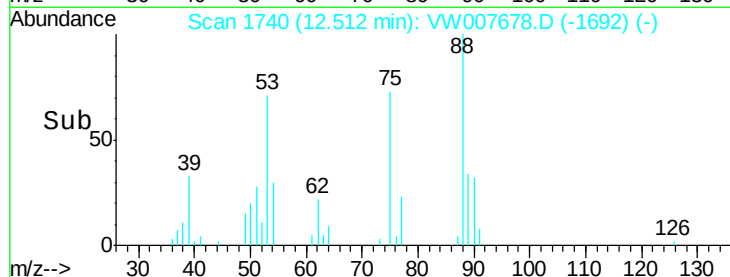
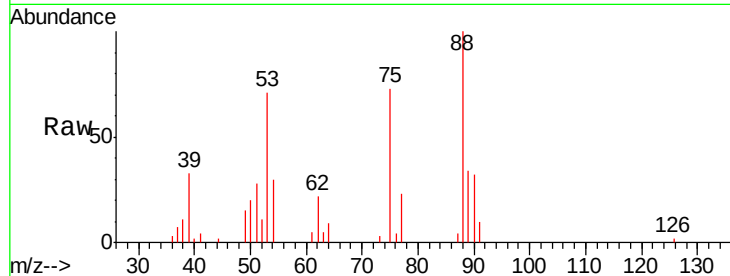
#81
trans-1,4-Dichloro-2-butene
Concen: 19.497 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	106.7	84.9	127.3
89	51.3	40.3	60.5

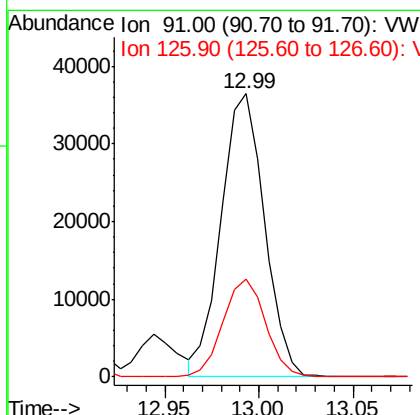
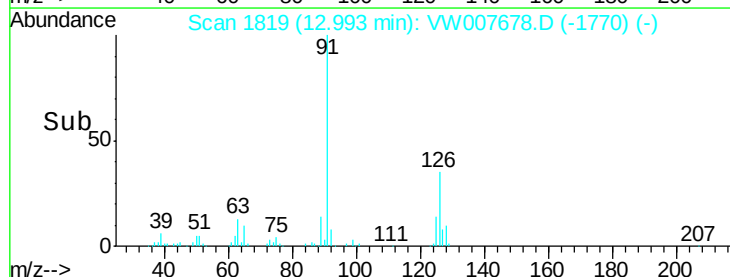
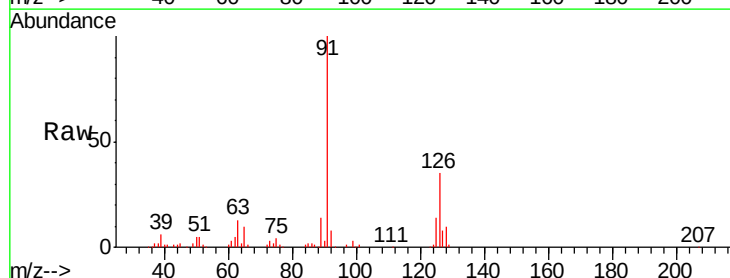
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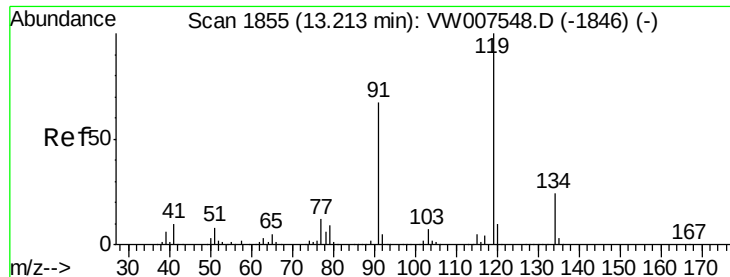
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#82
4-Chlorotoluene
Concen: 22.372 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.0	48.0





#83

tert-Butylbenzene

Concen: 22.600 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

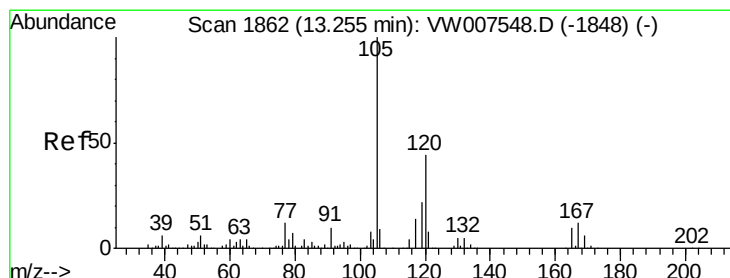
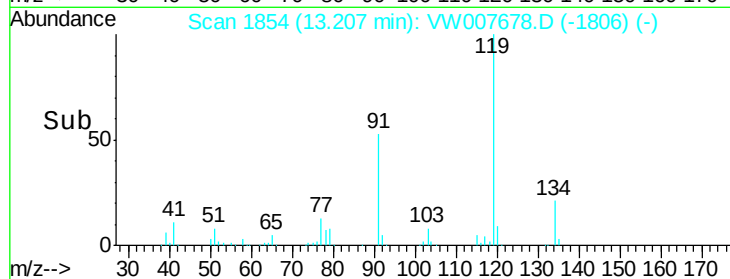
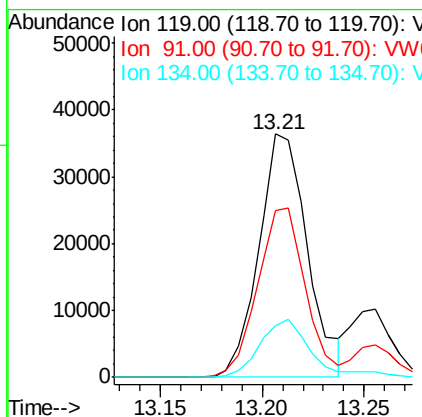
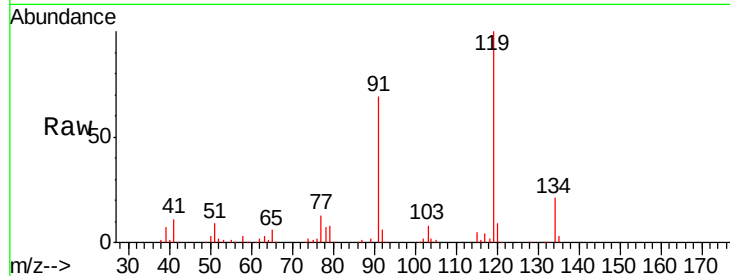
Instrument :
MSVOA_W

ClientSampleId :
VW1220SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	60657		
91	68.1	33.1	99.2	
134	25.1	12.5	37.5	

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#84

1,2,4-Trimethylbenzene

Concen: 22.478 ug/l

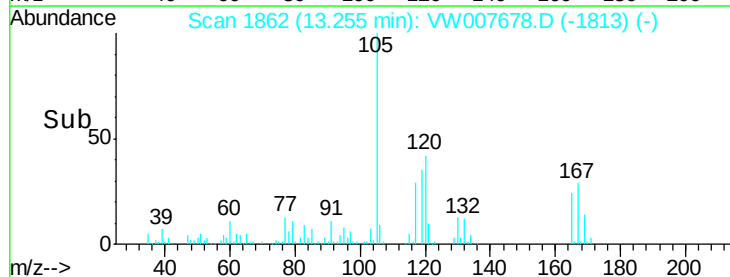
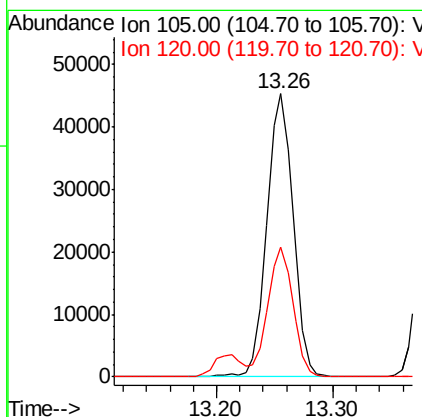
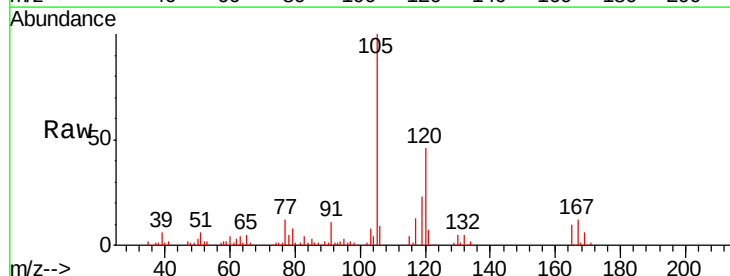
RT: 13.26 min Scan# 1862

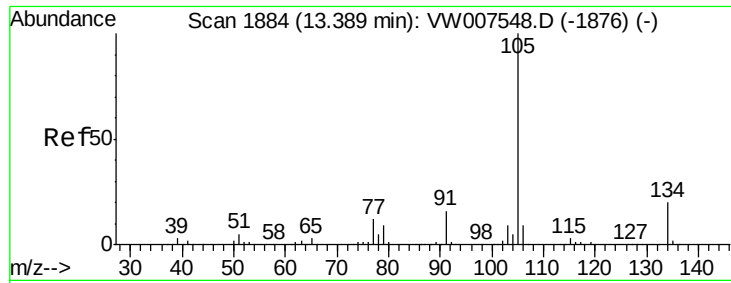
Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	70457		
120	44.4	22.6	67.7	





#85

sec-Butylbenzene

Concen: 22.640 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS02

Tgt Ion:105 Resp: 82953

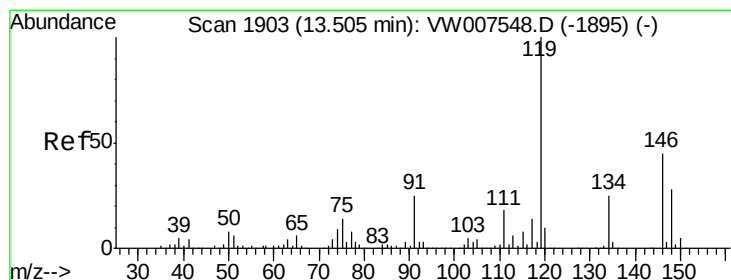
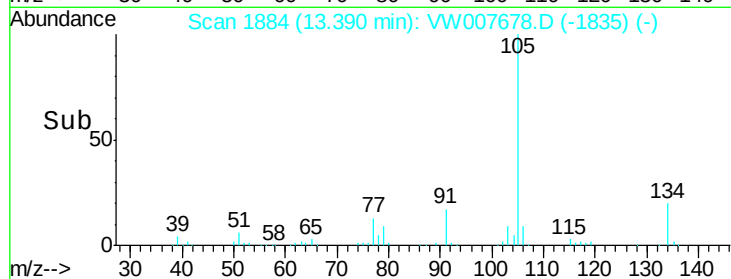
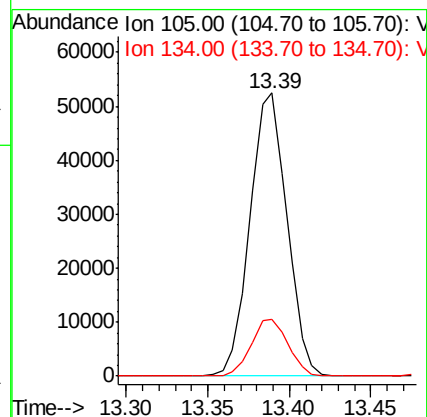
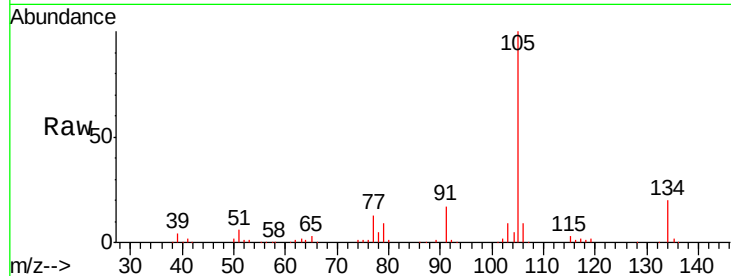
Ion Ratio Lower Upper

105 100

134 20.1 11.1 33.3

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#86

p-Isopropyltoluene

Concen: 22.683 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007678.D

Acq: 19 Dec 2018 01:57

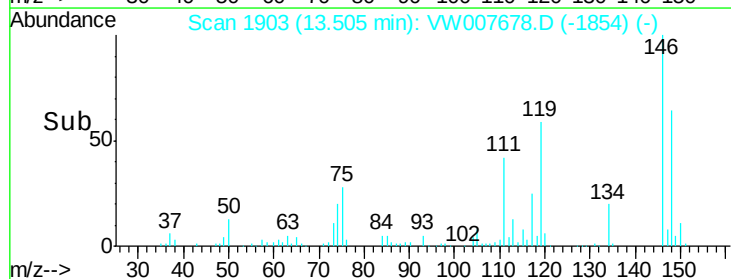
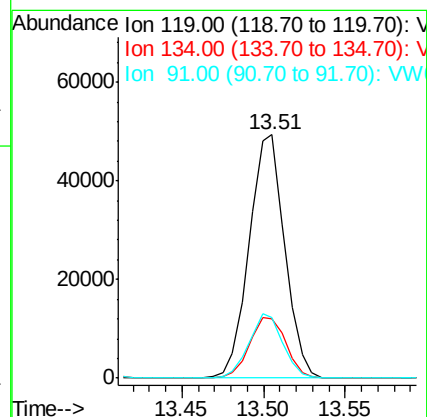
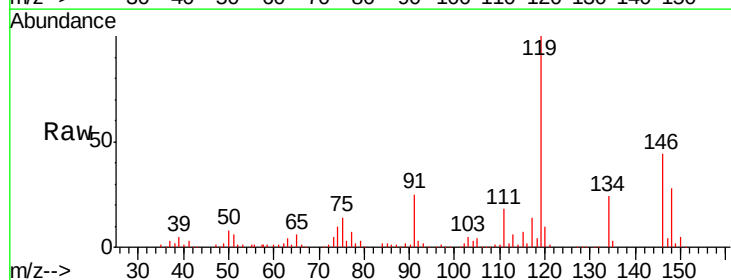
Tgt Ion:119 Resp: 74664

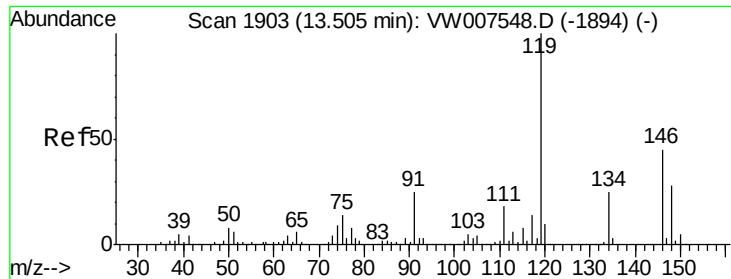
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 25.3 11.9 35.9





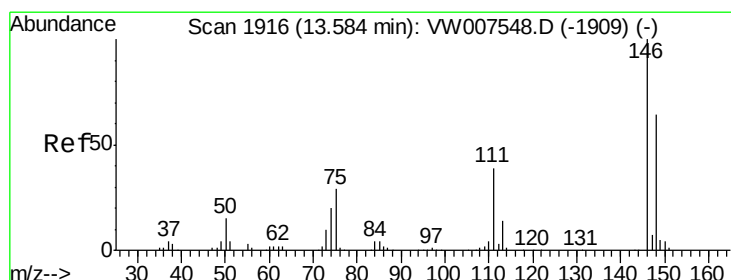
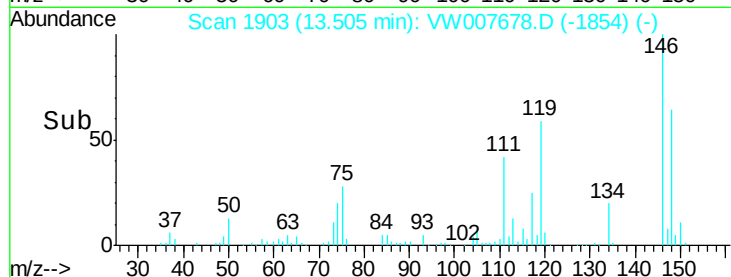
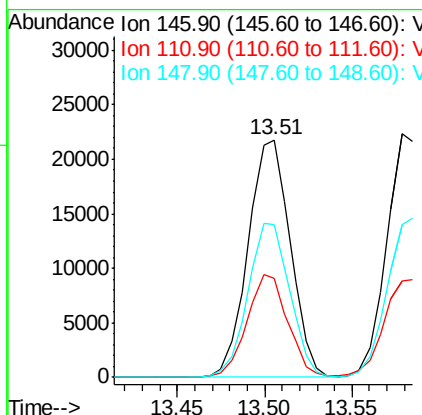
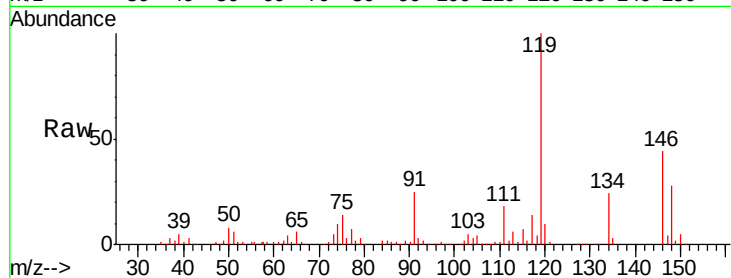
#87
 1,3-Dichlorobenzene
 Concen: 22.785 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007678.D
 Acq: 19 Dec 2018 01:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	36504		
111	42.1	20.1	60.3	
148	64.3	31.4	94.0	

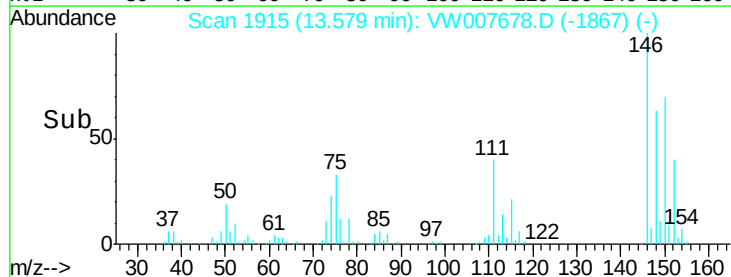
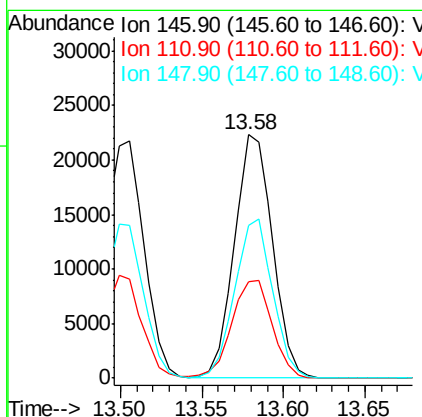
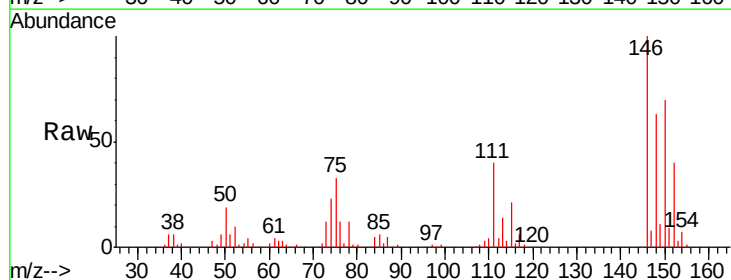
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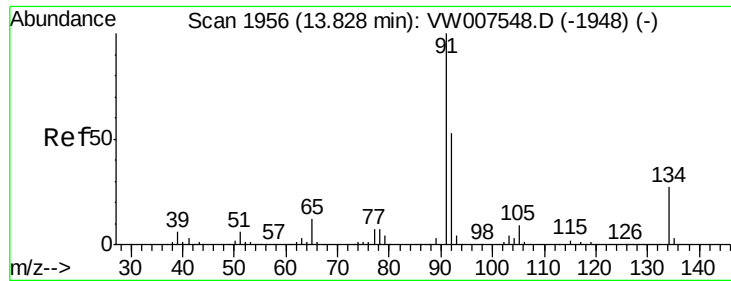
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#88
 1,4-Dichlorobenzene
 Concen: 22.625 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW007678.D
 Acq: 19 Dec 2018 01:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	36441		
111	42.5	20.3	61.0	
148	64.9	33.5	100.5	





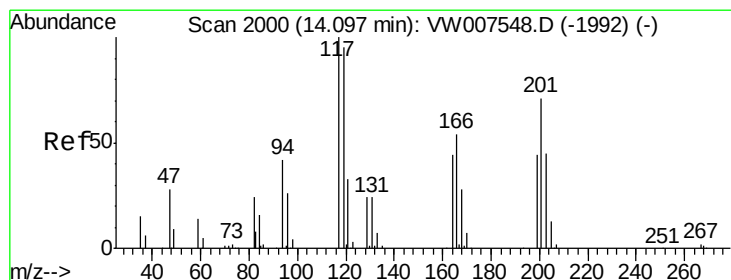
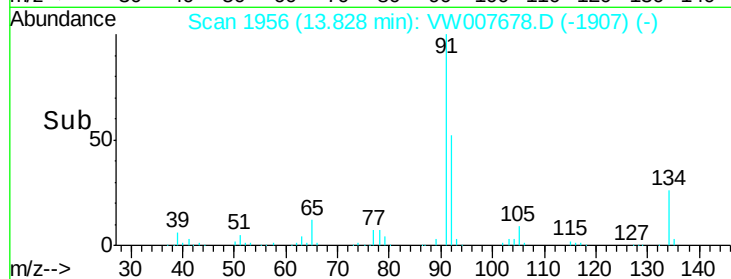
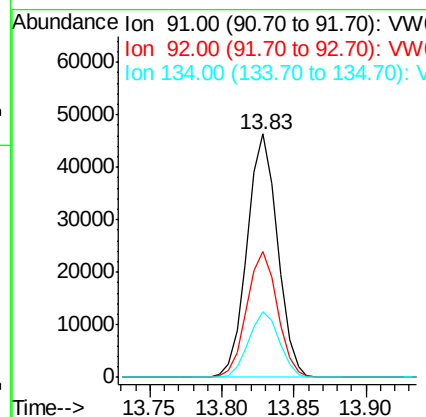
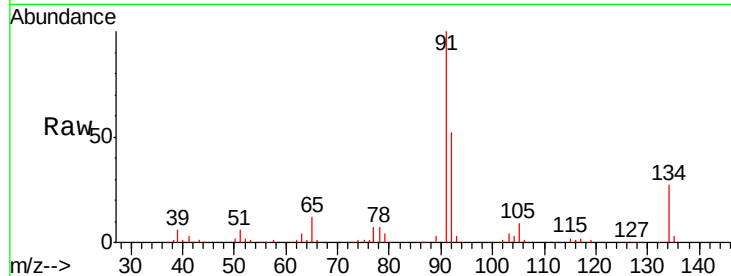
#89
n-Butylbenzene
Concen: 22.118 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS02

Tgt Ion: 91 Resp: 67492
Ion Ratio Lower Upper
91 100
92 52.1 25.7 77.1
134 27.1 13.4 40.2

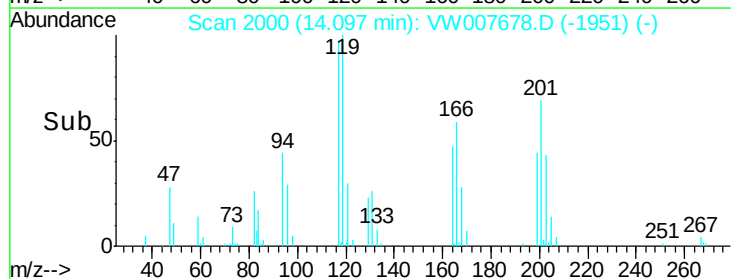
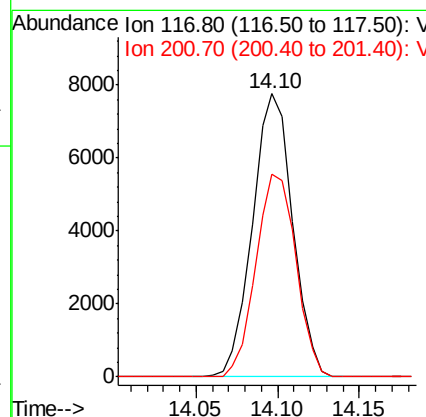
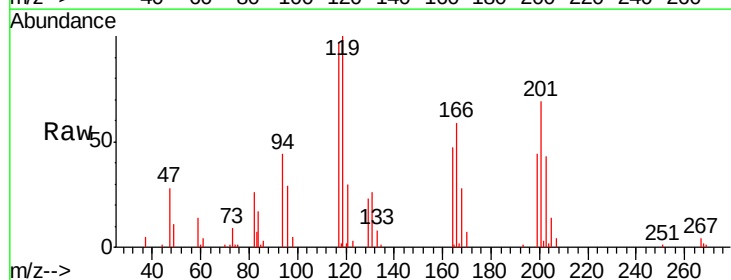
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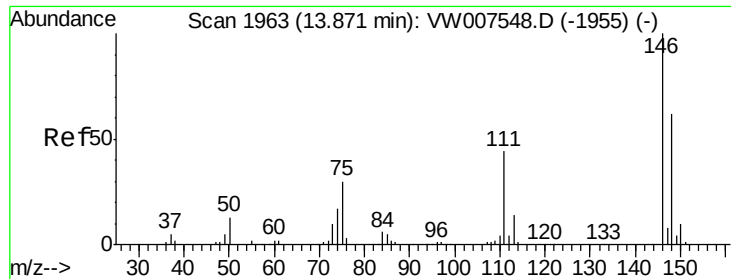
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#90
Hexachloroethane
Concen: 22.675 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion: 117 Resp: 13280
Ion Ratio Lower Upper
117 100
201 71.4 35.3 105.9





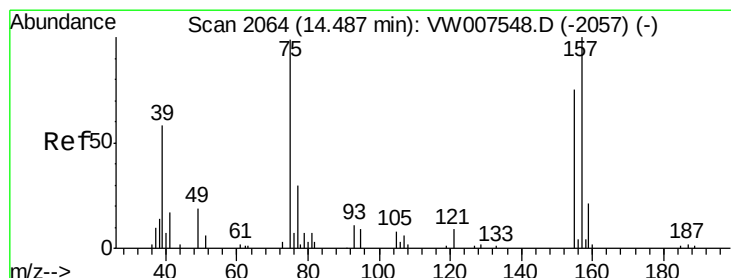
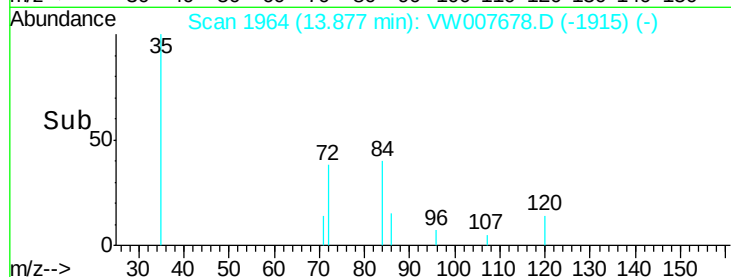
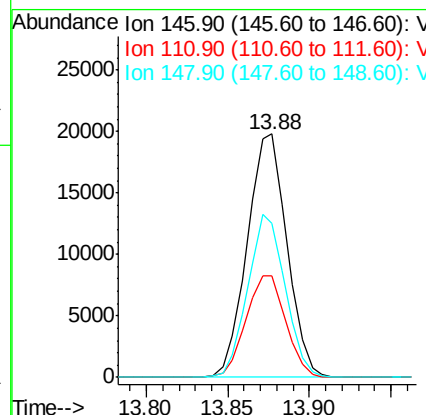
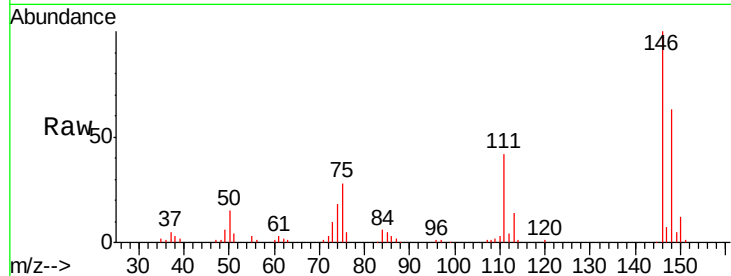
#91
 1,2-Dichlorobenzene
 Concen: 23.378 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007678.D
 Acq: 19 Dec 2018 01:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	22.4	67.2
148	63.2	32.4	97.2

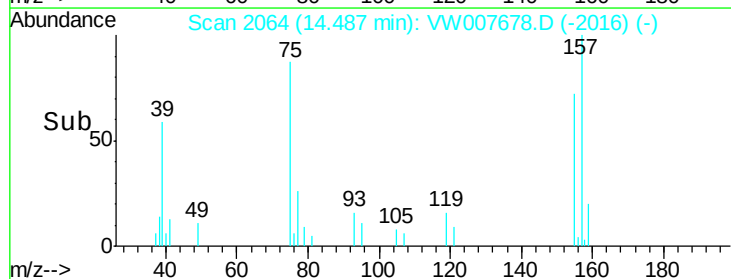
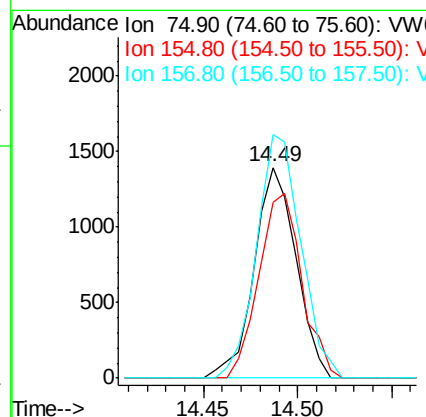
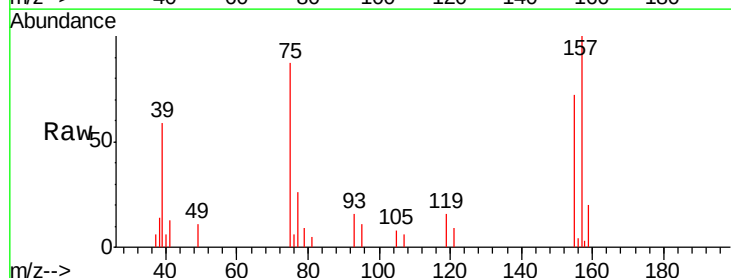
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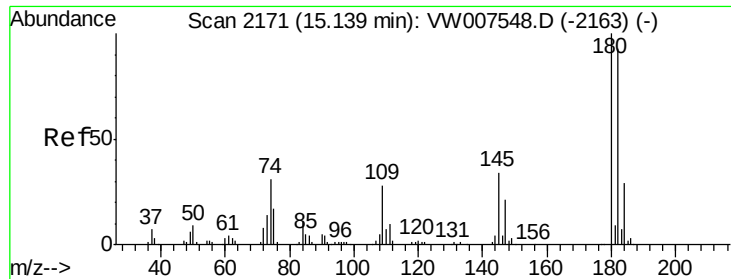
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.000 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007678.D
 Acq: 19 Dec 2018 01:57

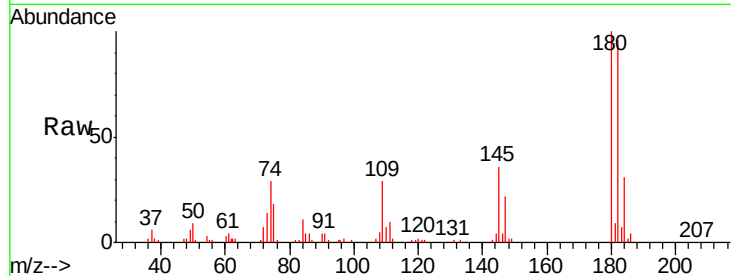
Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	40.8	122.2
157	121.9	51.1	153.4





#93
 1,2,4-Trichlorobenzene
 Concen: 22.419 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007678.D
 Acq: 19 Dec 2018 01:57

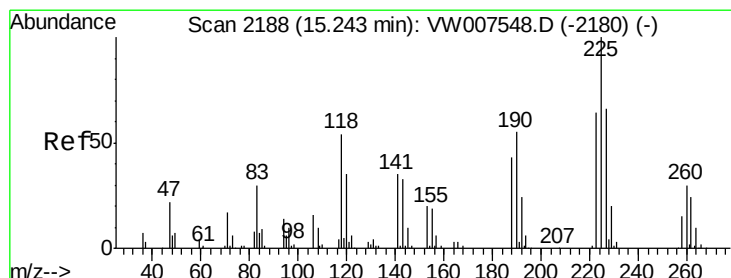
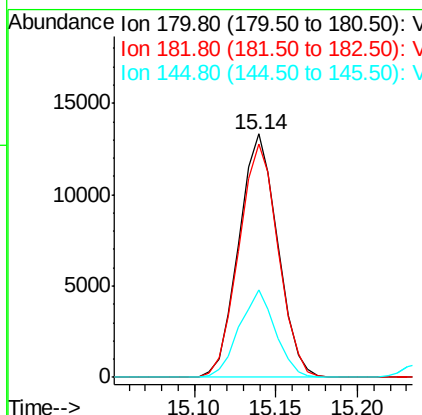
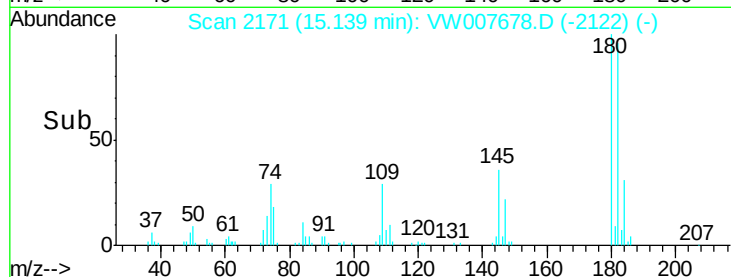
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS02



Tgt Ion	Ratio	Resp	Lower	Upper
180	100	22139		
182	96.6	49.9	149.6	
145	33.3	17.8	53.4	

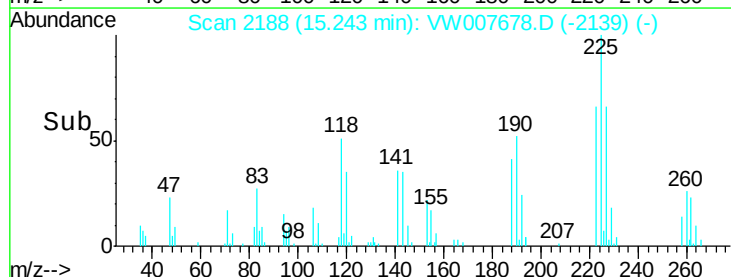
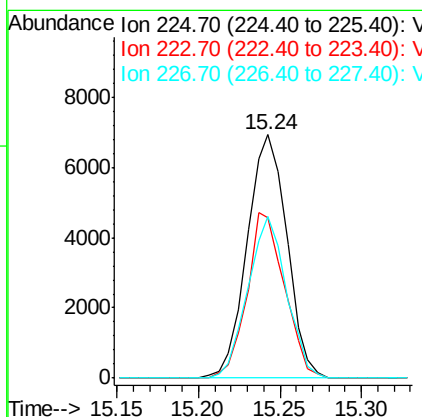
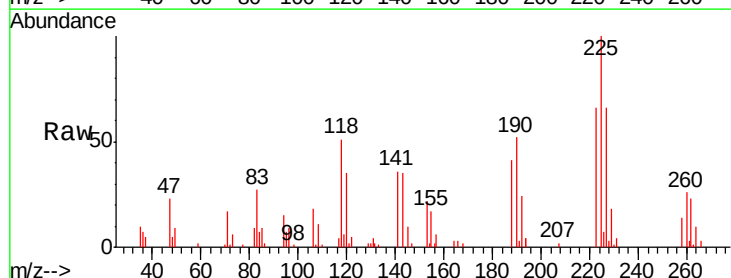
Manual Integrations
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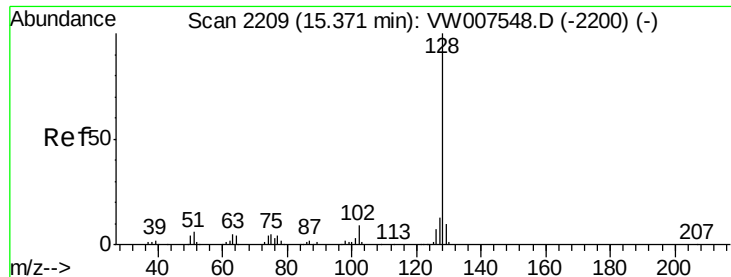
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#94
 Hexachlorobutadiene
 Concen: 22.425 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007678.D
 Acq: 19 Dec 2018 01:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	11750		
223	64.3	32.1	96.3	
227	64.3	31.9	95.9	





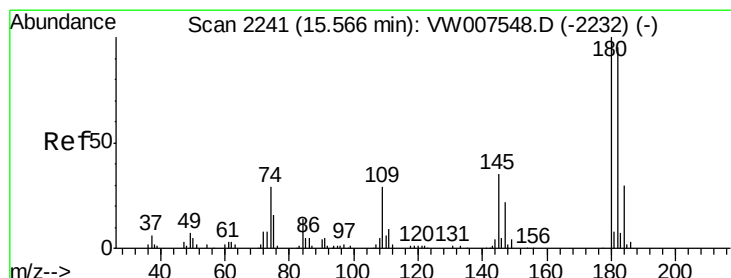
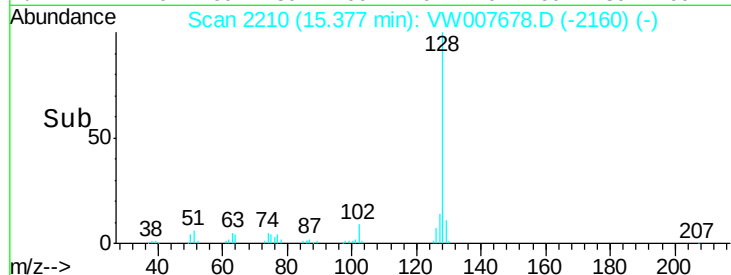
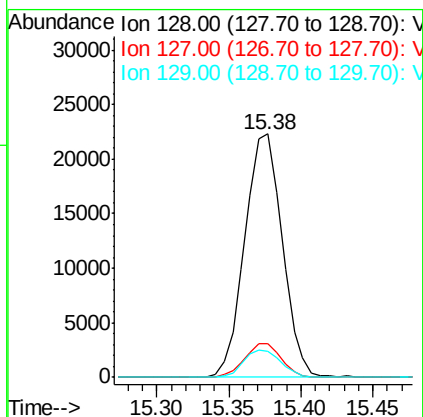
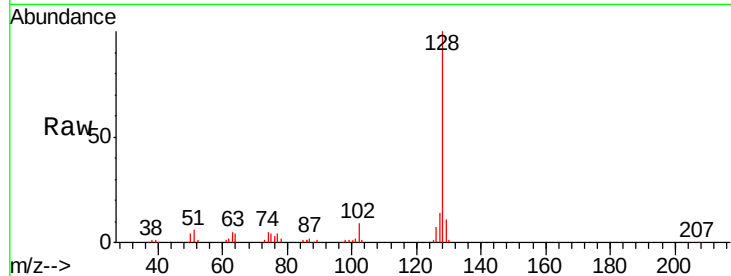
#95
Naphthalene
Concen: 21.341 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	40316		
127	13.5	10.2	15.4	
129	11.2	8.3	12.5	

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#96
1,2,3-Trichlorobenzene
Concen: 21.960 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW007678.D
Acq: 19 Dec 2018 01:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	18838		
182	97.0	45.6	136.7	
145	38.3	17.5	52.5	

