

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110318\
 Data File : VW006578.D
 Acq On : 02 Nov 2018 01:09
 Operator : SY/AP
 Sample : VW110318SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW110318SBSD01

Manual Integrations
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Quant Time: Nov 02 08:24:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	344750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	112797	56.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.44%	
35) Dibromofluoromethane	7.88	113	116676	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
50) Toluene-d8	10.33	98	440118	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
62) 4-Bromofluorobenzene	12.62	95	150106	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30273m	25.017	ug/l	
3) Chloromethane	2.21	50	32870	21.954	ug/l	99
4) Vinyl Chloride	2.37	62	48949	23.414	ug/l	97
5) Bromomethane	2.78	94	41595	23.708	ug/l	100
6) Chloroethane	2.93	64	32465	22.226	ug/l	95
7) Trichlorofluoromethane	3.26	101	38039	20.605	ug/l	99
8) Diethyl Ether	3.68	74	20846	20.657	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	43214	21.921	ug/l	97
10) Methyl Iodide	4.26	142	74807	20.929	ug/l	99
11) Tert butyl alcohol	5.17	59	14760	136.528	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	40964	21.515	ug/l	99
13) Acrolein	3.89	56	15326	112.714	ug/l	96
14) Allyl chloride	4.67	41	51773	20.831	ug/l	100
15) Acrylonitrile	5.37	53	41809	115.546	ug/l	100
16) Acetone	4.12	43	39526	122.012	ug/l	97
17) Carbon Disulfide	4.37	76	117812	21.744	ug/l	100
18) Methyl Acetate	4.67	43	20952	22.492	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	61121	21.566	ug/l	99
20) Methylene Chloride	4.92	84	47080	18.684	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	45695	21.209	ug/l	90
22) Diisopropyl ether	6.32	45	116209	22.428	ug/l	98
23) Vinyl Acetate	6.26	43	315457	109.789	ug/l	97
24) 1,1-Dichloroethane	6.22	63	75702	21.558	ug/l	98
25) 2-Butanone	7.18	43	55295	119.618	ug/l	98
26) 2,2-Dichloropropane	7.16	77	43726	20.671	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	51978	21.564	ug/l	99
28) Bromochloromethane	7.52	49	30077	21.570	ug/l	97
29) Tetrahydrofuran	7.53	42	34298	117.962	ug/l	99
30) Chloroform	7.68	83	83401	21.663	ug/l	99
31) Cyclohexane	7.95	56	66476	20.799	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	70129	21.526	ug/l	98
36) 1,1-Dichloropropene	8.09	75	61989	20.447	ug/l	100
37) Ethyl Acetate	7.26	43	24634	23.447	ug/l	97
38) Carbon Tetrachloride	8.07	117	65872	20.793	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76597	19.909	ug/l	99
40) Benzene	8.32	78	184476	21.423	ug/l	99
41) Methacrylonitrile	7.49	41	14528	22.551	ug/l	94
42) 1,2-Dichloroethane	8.40	62	52702	21.340	ug/l	100
43) Isopropyl Acetate	8.43	43	46414	22.139	ug/l	97
44) Trichloroethene	9.09	130	54121	20.367	ug/l	97
45) 1,2-Dichloropropane	9.37	63	42878	21.396	ug/l	99
46) Dibromomethane	9.46	93	24289	20.618	ug/l	97
47) Bromodichloromethane	9.65	83	57266	20.936	ug/l	99
48) Methyl methacrylate	9.44	41	21914	21.695	ug/l	100
49) 1,4-Dioxane	9.45	88	7850	455.329	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	118488	110.044	ug/l	98
52) Toluene	10.39	92	118716	20.554	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	54124	20.560	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	64441	20.715	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35305	21.122	ug/l	98
56) Ethyl methacrylate	10.65	69	39380	20.729	ug/l	96
57) 1,3-Dichloropropane	10.93	76	57705	21.261	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	93275	101.002	ug/l	100
59) 2-Hexanone	10.98	43	82440	112.729	ug/l	98
60) Dibromochloromethane	11.13	129	40180	20.289	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34429	20.742	ug/l	100
64) Tetrachloroethene	10.87	164	51864	20.428	ug/l	98
65) Chlorobenzene	11.66	112	137298	20.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48714	20.680	ug/l	98
67) Ethyl Benzene	11.74	91	226760	20.243	ug/l	96
68) m/p-Xylenes	11.84	106	180497	40.330	ug/l	99
69) o-Xylene	12.17	106	84931	19.933	ug/l	97
70) Styrene	12.18	104	141779	20.410	ug/l	99
71) Bromoform	12.35	173	25115	20.113	ug/l #	99
73) Isopropylbenzene	12.47	105	234257	19.804	ug/l	100
74) N-amyl acetate	12.27	43	42963	21.018	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	39829	21.318	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	26177m	18.684	ug/l	
77) Bromobenzene	12.75	156	63372	20.692	ug/l	99
78) n-propylbenzene	12.81	91	279322	20.529	ug/l	99
79) 2-Chlorotoluene	12.90	91	155360	19.896	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	199017	20.026	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9620	19.497	ug/l	97
82) 4-Chlorotoluene	12.99	91	170533	20.643	ug/l	97
83) tert-Butylbenzene	13.21	119	176513	19.917	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	208911	20.495	ug/l	99
85) sec-Butylbenzene	13.39	105	248472	20.018	ug/l	100
86) p-Isopropyltoluene	13.51	119	220400	19.515	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	123575	20.488	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	124804	20.875	ug/l	98
89) n-Butylbenzene	13.83	91	198558	19.805	ug/l	100
90) Hexachloroethane	14.10	117	38108	20.530	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	111894	20.624	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6376	21.032	ug/l	97

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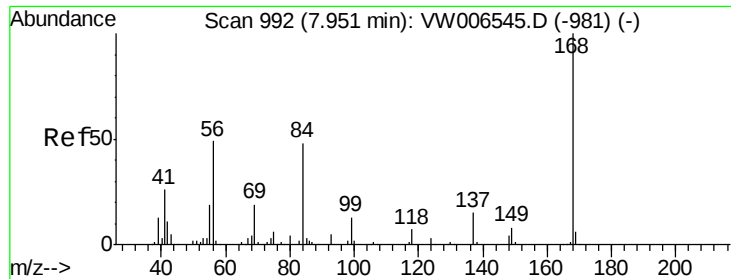
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	81026	20.085	ug/l	99
94) Hexachlorobutadiene	15.24	225	50443	20.062	ug/l	98
95) Naphthalene	15.38	128	132151	20.382	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	72384	20.415	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBSD01

Tot Ion:168 Resp: 233426

Ion Ratio Lower Upper

168 100

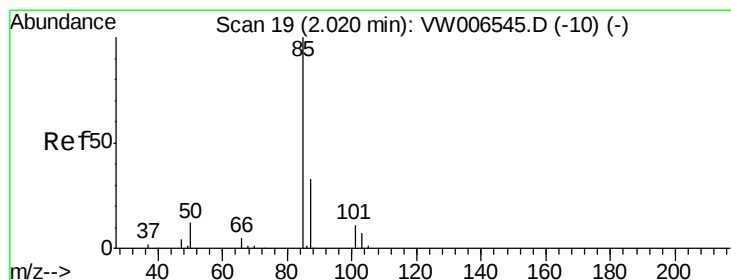
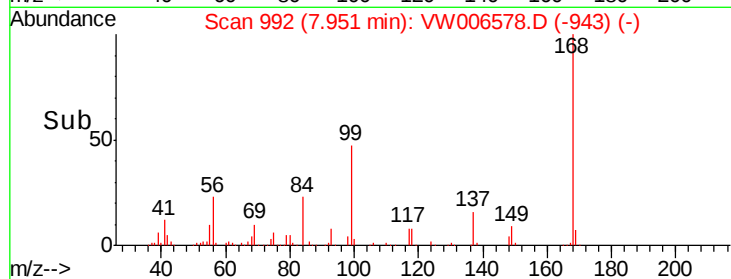
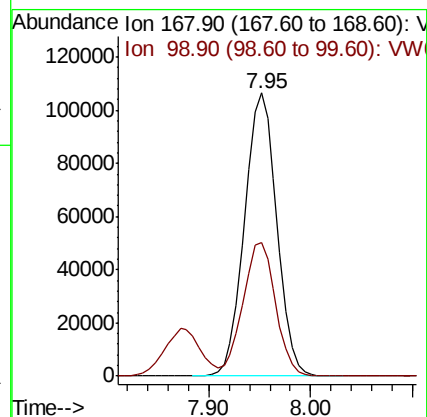
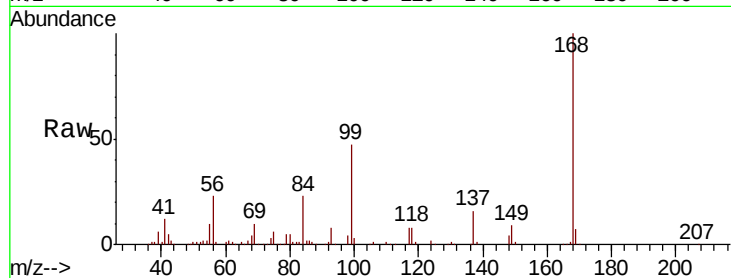
99 47.3 37.4 56.0

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#2

Dichlorodifluoromethane

Concen: 25.017 ug/l m

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006578.D

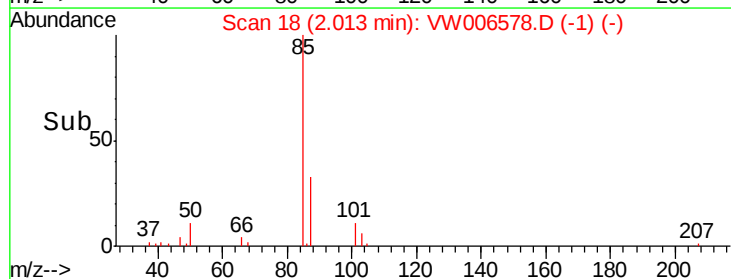
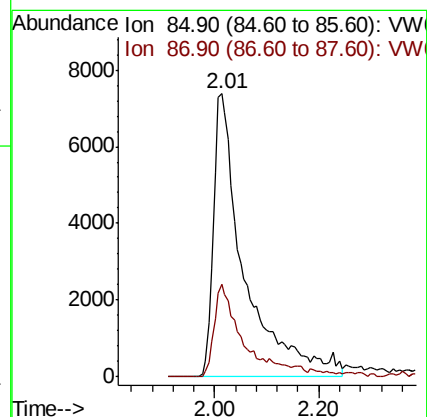
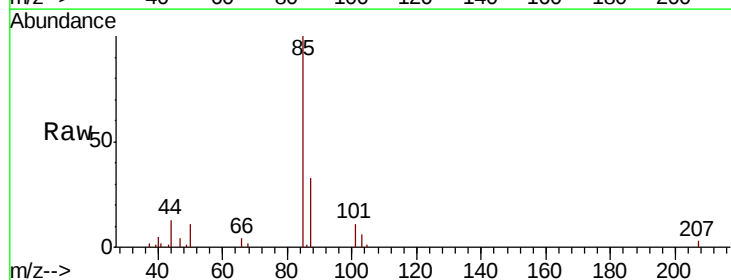
Acq: 02 Nov 2018 01:09

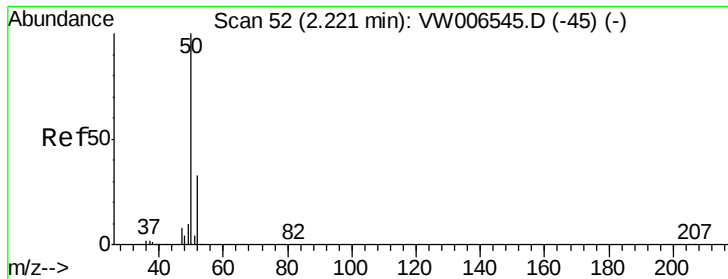
Tgt Ion: 85 Resp: 30273

Ion Ratio Lower Upper

85 100

87 32.9 16.8 50.3





#3

Chloromethane

Concen: 21.954 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion: 50 Resp: 32870

Ion Ratio Lower Upper

50 100

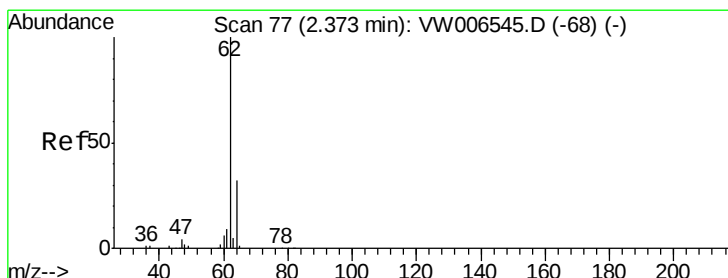
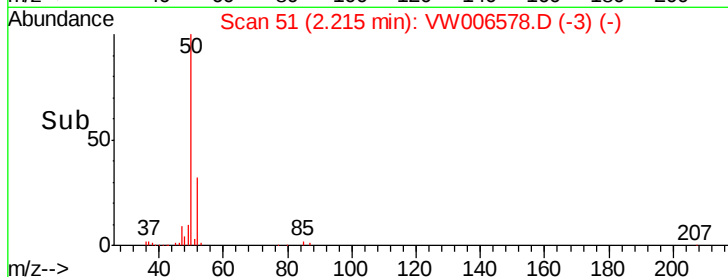
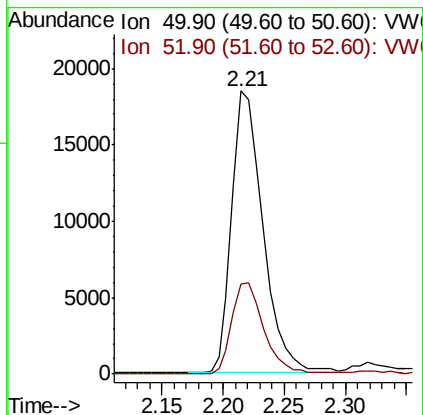
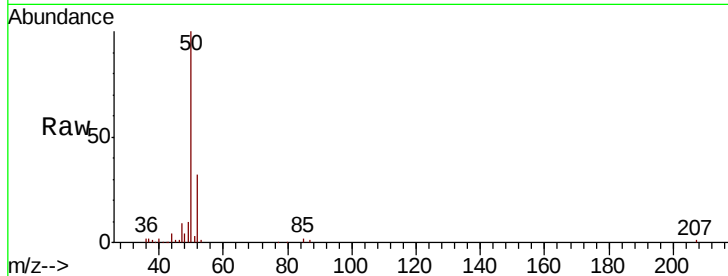
52 32.0 26.2 39.4

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#4

Vinyl Chloride

Concen: 23.414 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006578.D

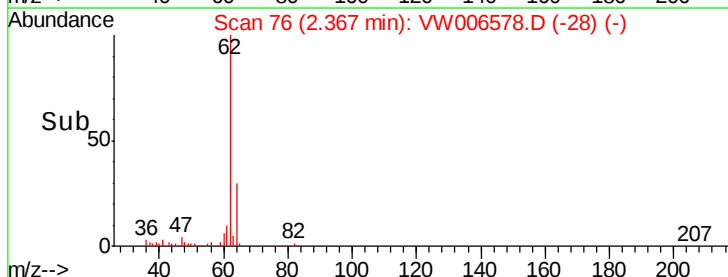
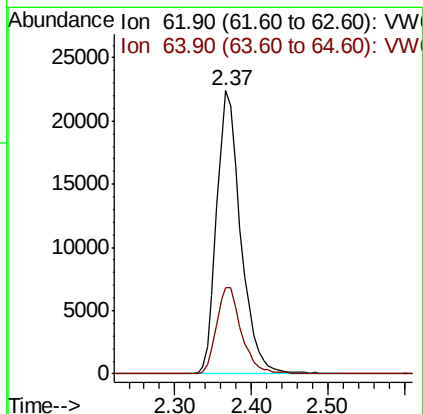
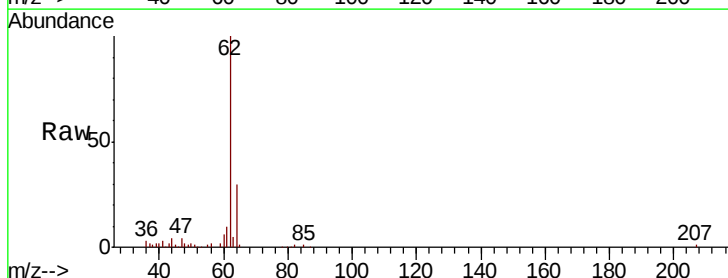
Acq: 02 Nov 2018 01:09

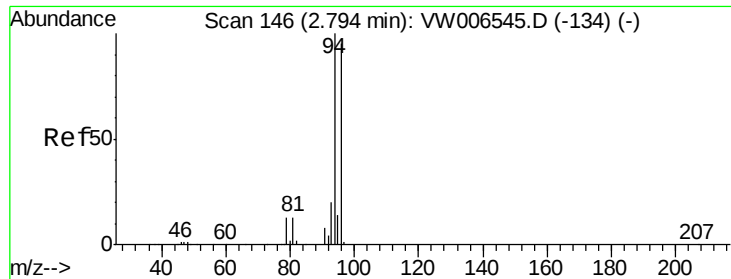
Tgt Ion: 62 Resp: 48949

Ion Ratio Lower Upper

62 100

64 30.3 25.4 38.0





#5

Bromomethane

Concen: 23.708 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

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ClientSampleId :

VW110318SBS01

Tot Ion: 94 Resp: 41595

Ion Ratio Lower Upper

94 100

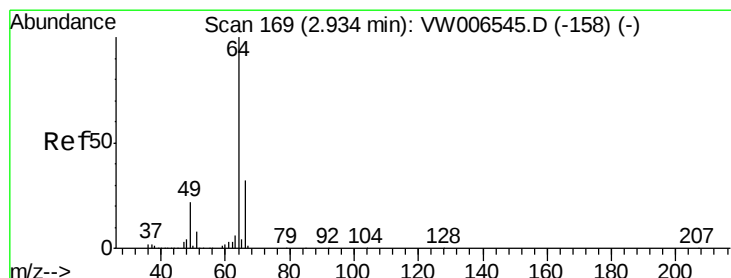
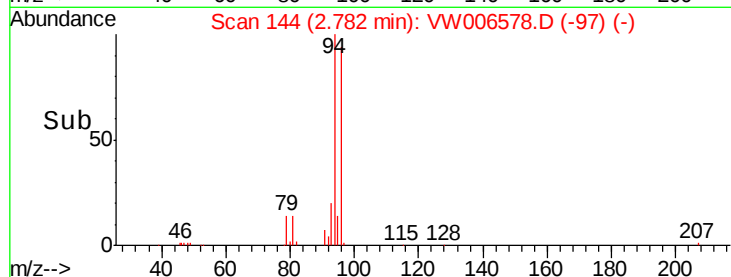
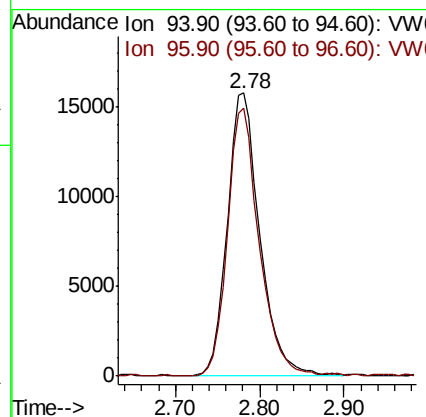
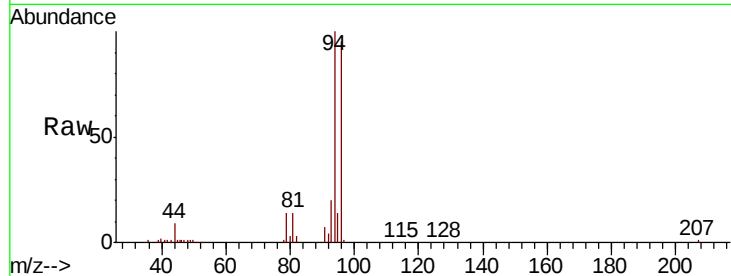
96 94.6 75.7 113.5

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#6

Chloroethane

Concen: 22.226 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006578.D

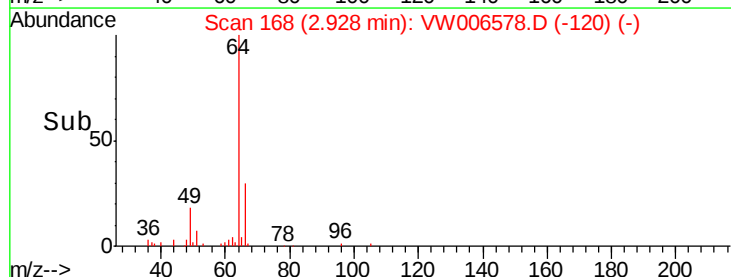
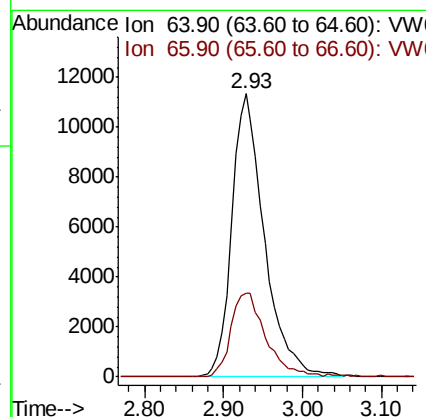
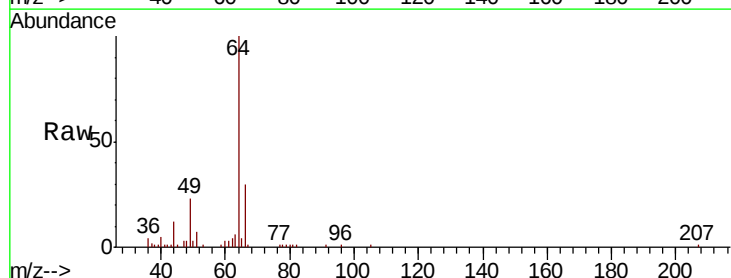
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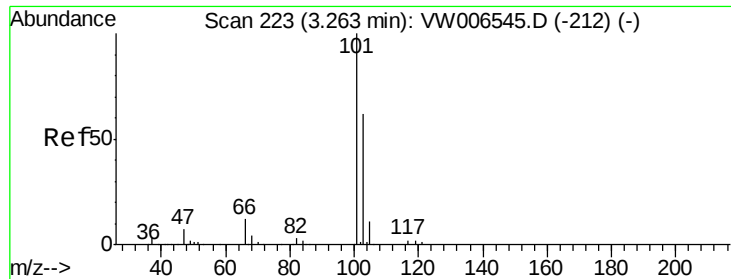
Tgt Ion: 64 Resp: 32465

Ion Ratio Lower Upper

64 100

66 29.6 25.9 38.9





#7

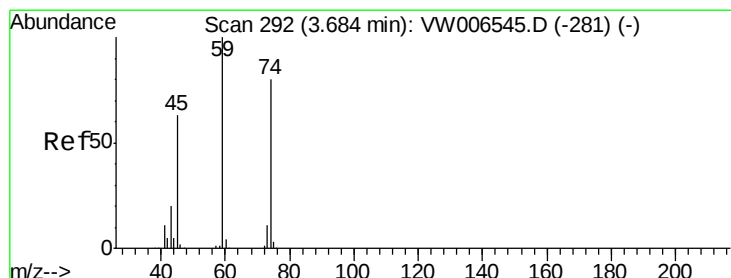
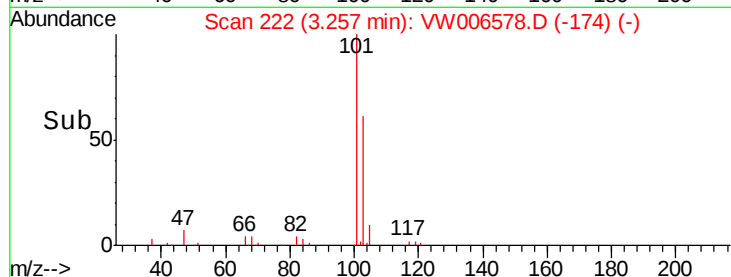
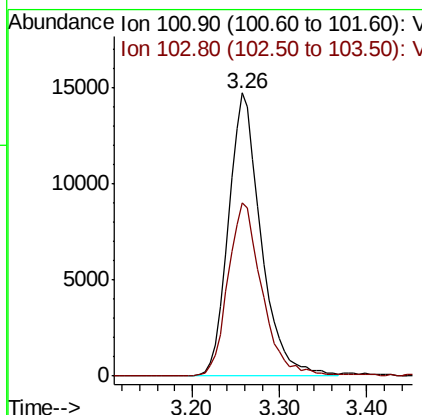
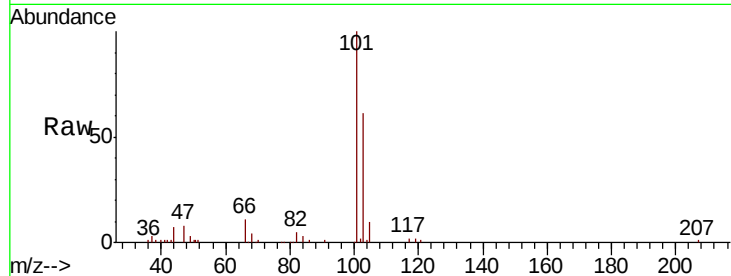
Trichlorofluoromethane
 Concen: 20.605 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

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 VW110318SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.2	49.8	74.8

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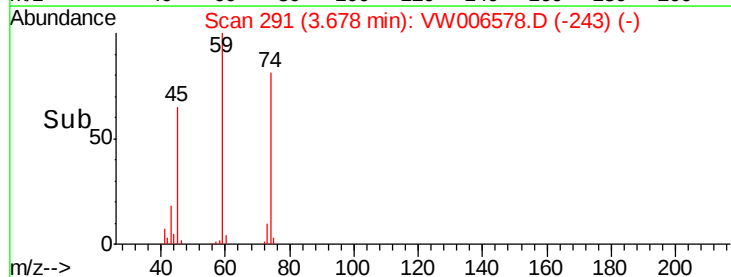
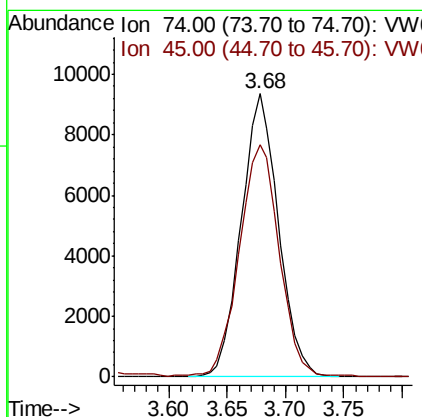
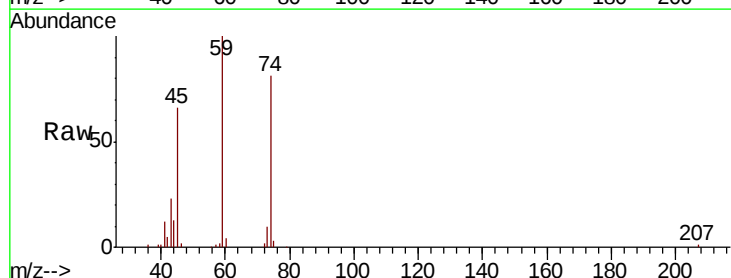
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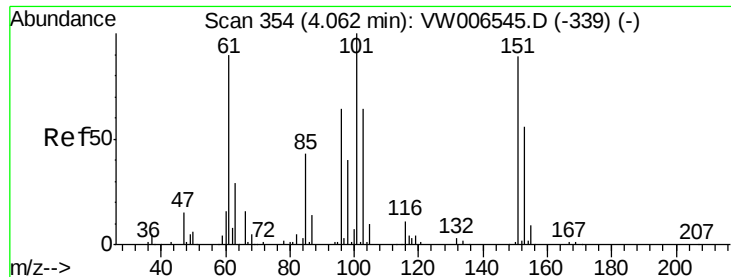


#8

Diethyl Ether
 Concen: 20.657 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.6	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.921 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

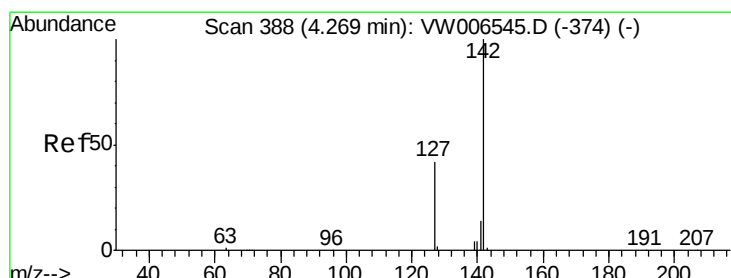
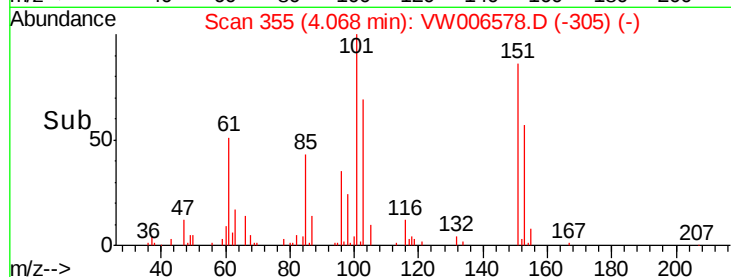
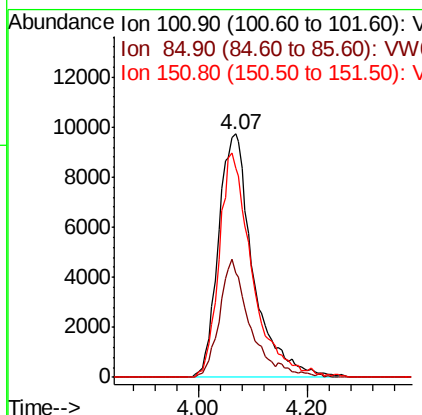
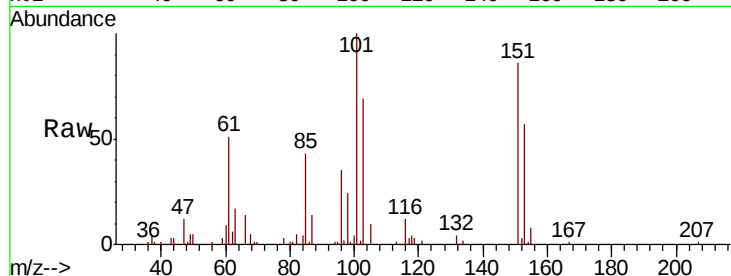
ClientSampleId :

VW110318SBS01

Tot Ion:	101	Resp:	43214
Ion Ratio	Lower	Upper	
101	100		
85	40.1	34.2	51.2
151	86.7	70.7	106.1

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#10

Methyl Iodide

Concen: 20.929 ug/l

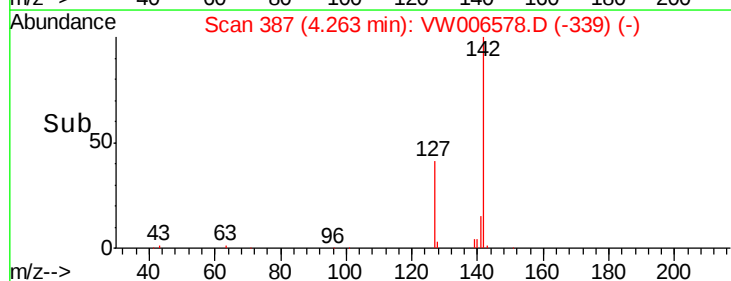
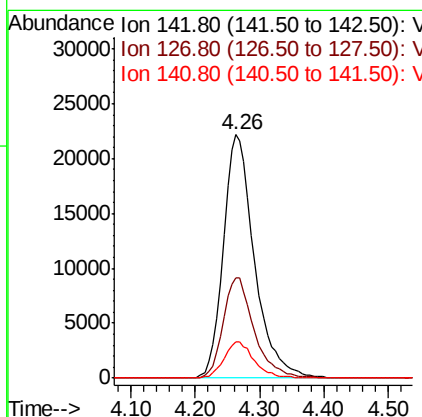
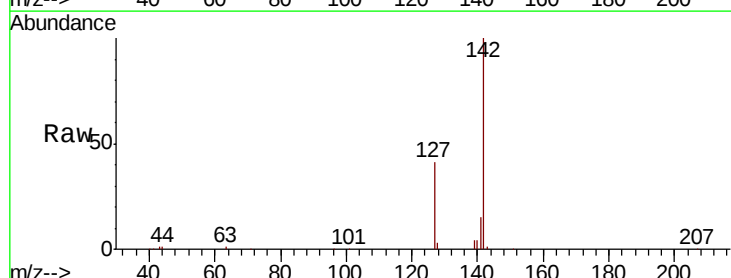
RT: 4.26 min Scan# 387

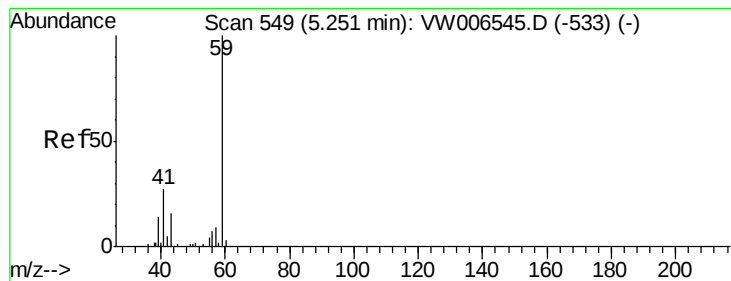
Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Tgt Ion:	142	Resp:	74807
Ion Ratio	Lower	Upper	
142	100		
127	41.4	32.3	48.5
141	14.4	11.3	16.9





#11

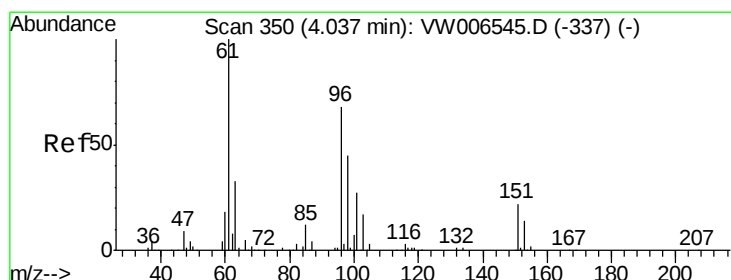
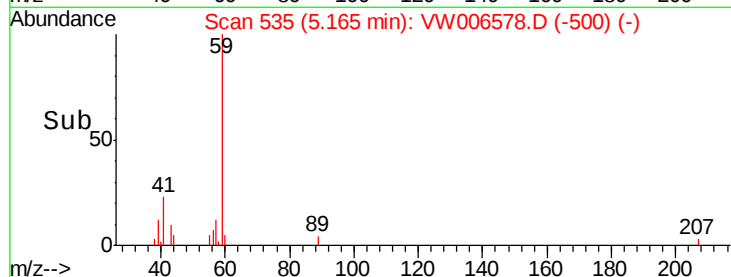
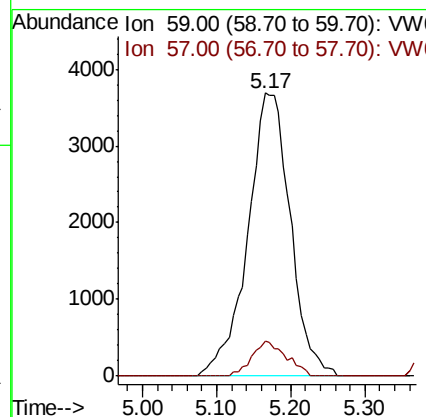
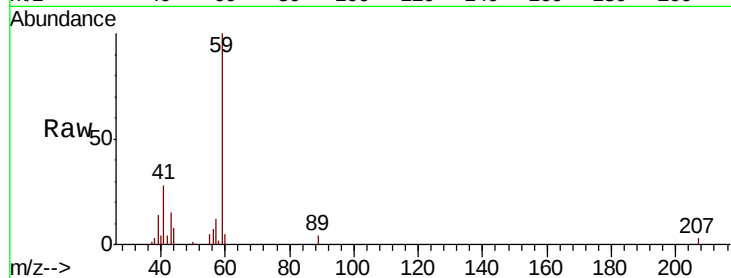
Tert butyl alcohol
Concen: 136.528 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.09 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	4.3	6.5#

Manual Integrations
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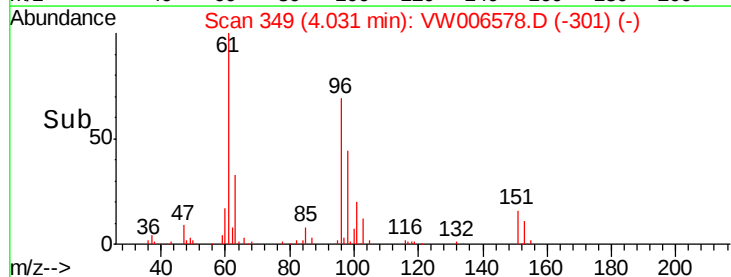
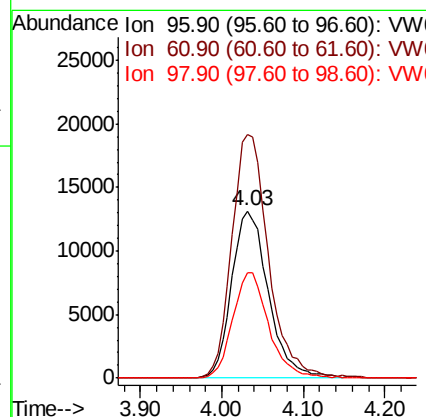
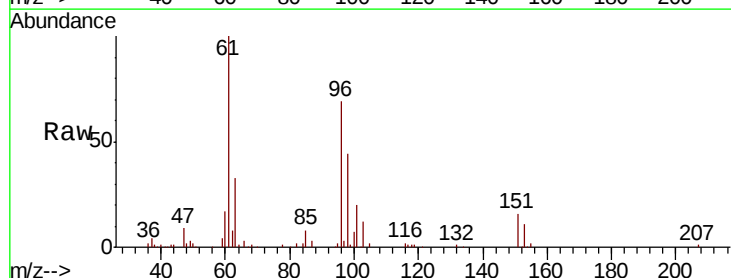
apatel
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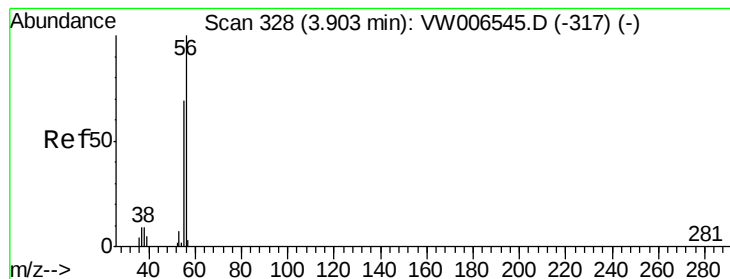


#12

1,1-Dichloroethene
Concen: 21.515 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.6	117.0	175.4
98	63.4	52.5	78.7





#13

Acrolein

Concen: 112.714 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion: 56 Resp: 15326

Ion Ratio Lower Upper

56 100

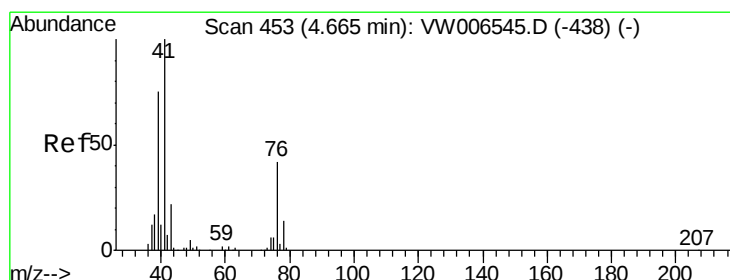
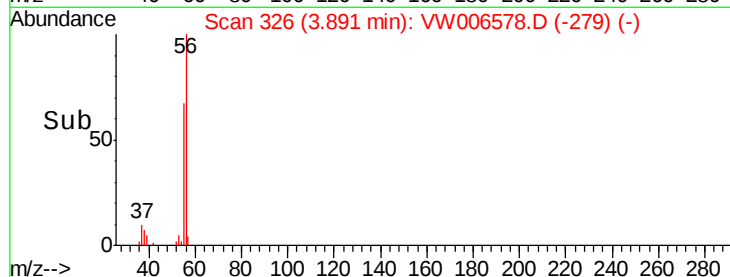
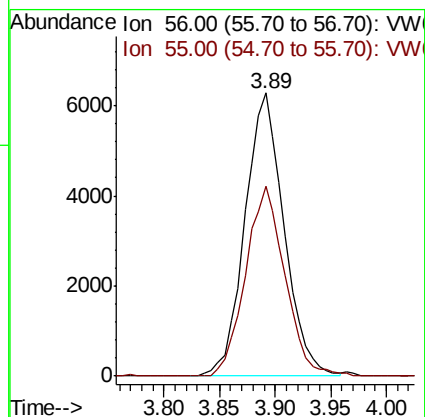
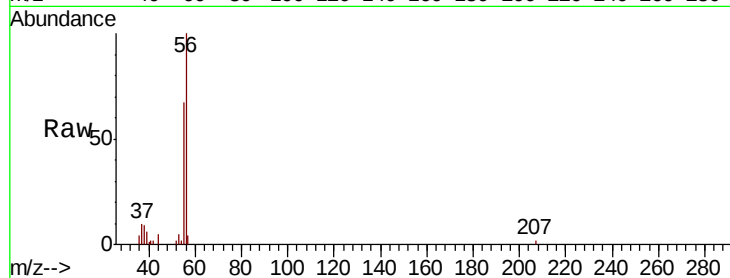
55 67.6 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 20.831 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

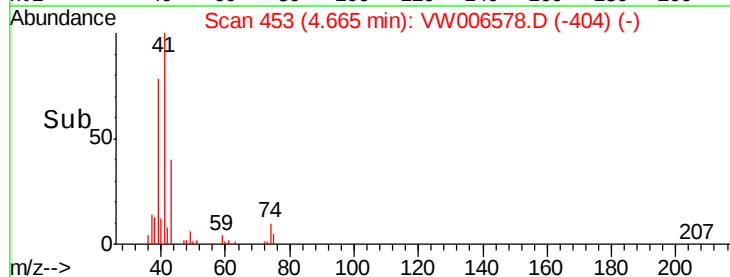
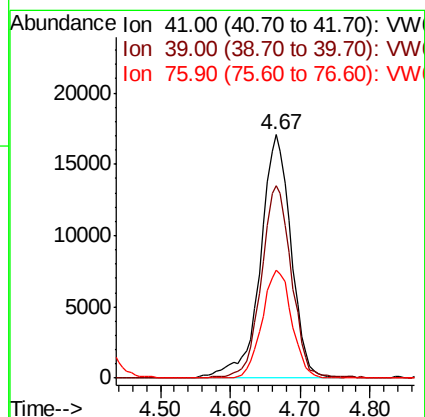
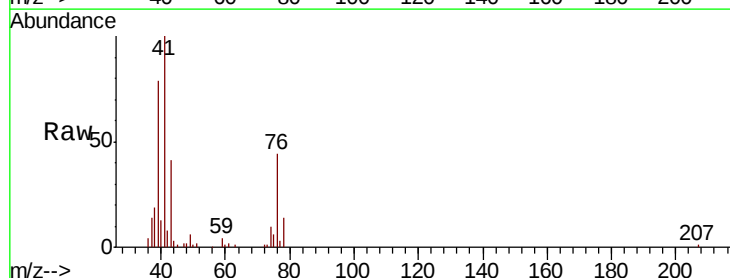
Tgt Ion: 41 Resp: 51773

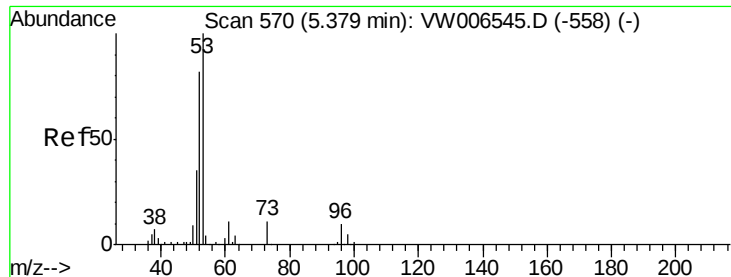
Ion Ratio Lower Upper

41 100

39 78.2 62.1 93.1

76 42.7 34.2 51.2





#15

Acrylonitrile

Concen: 115.546 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

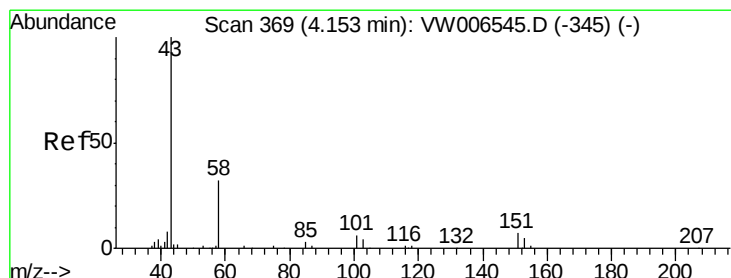
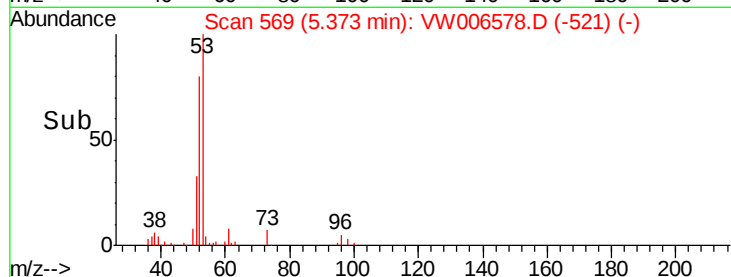
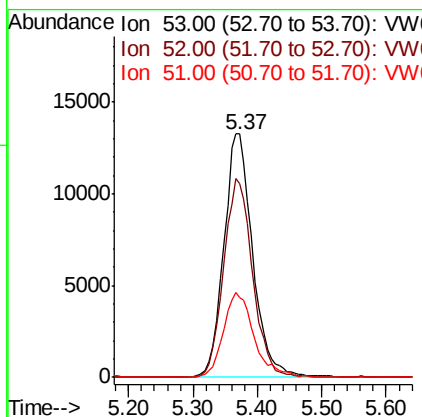
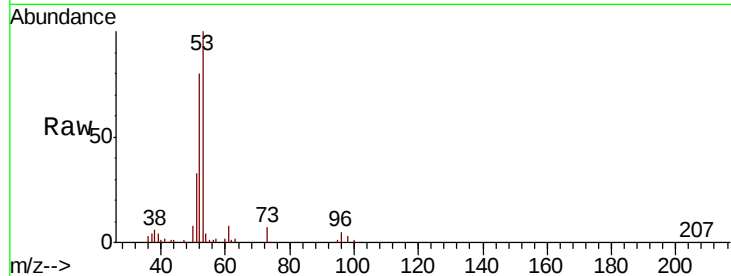
ClientSampleId :

VW110318SBS01

Tot Ion:	53	Resp:	41809
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.8	98.8
51	37.0	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 122.012 ug/l

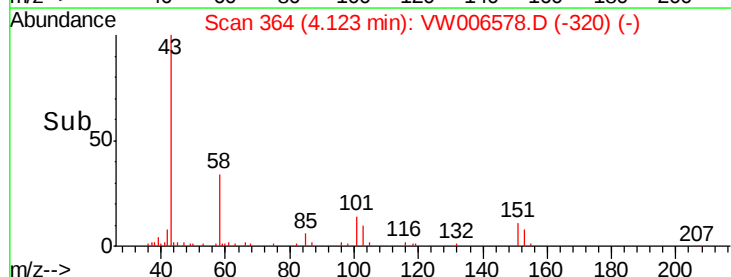
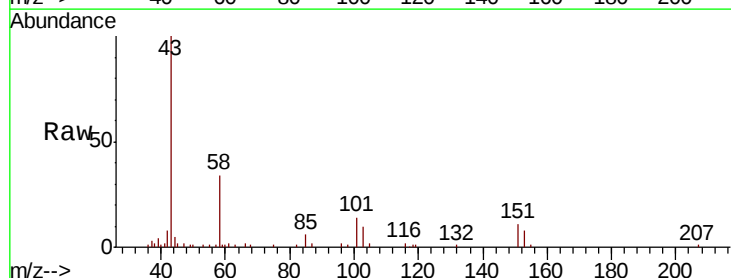
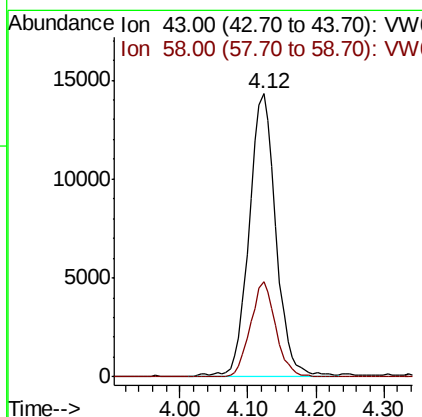
RT: 4.12 min Scan# 364

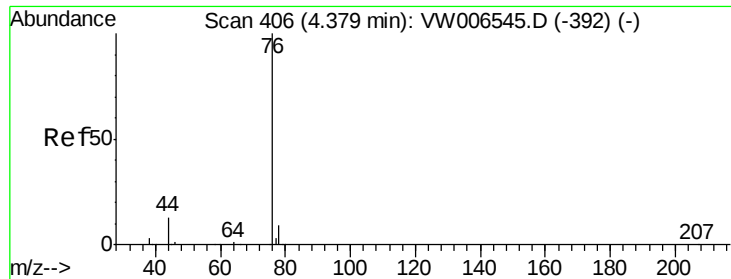
Delta R.T. -0.03 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Tgt Ion:	43	Resp:	39526
Ion	Ratio	Lower	Upper
43	100		
58	33.8	25.8	38.8





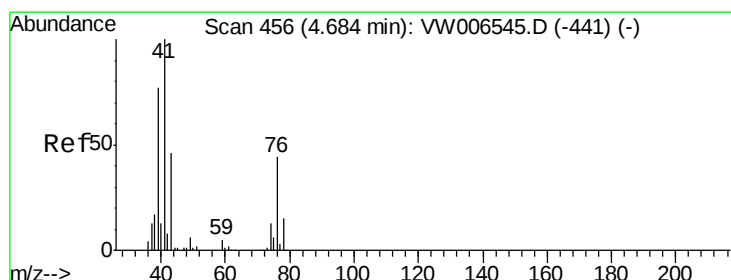
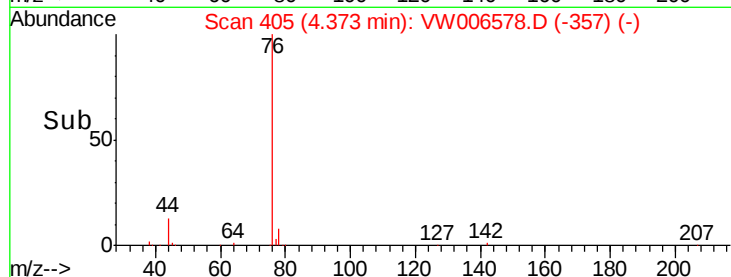
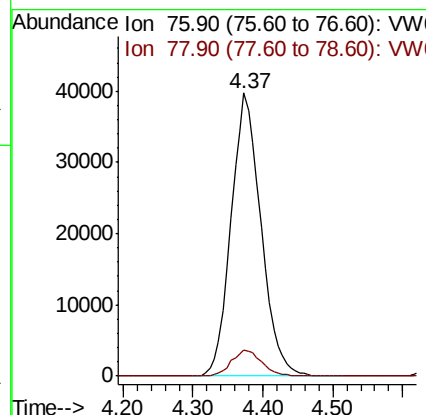
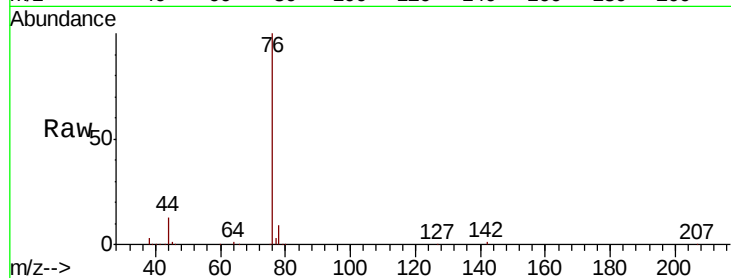
#17
Carbon Disulfide
Concen: 21.744 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

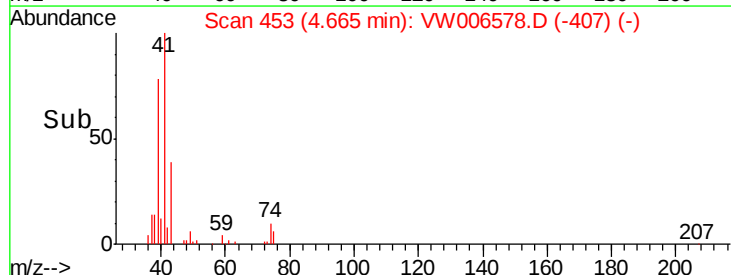
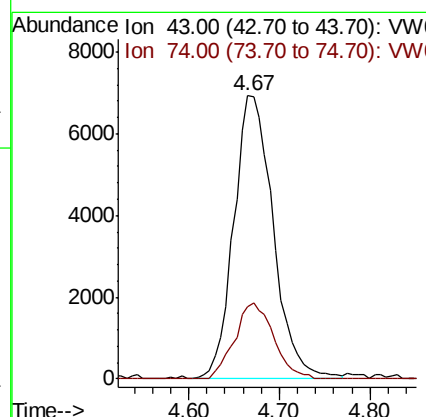
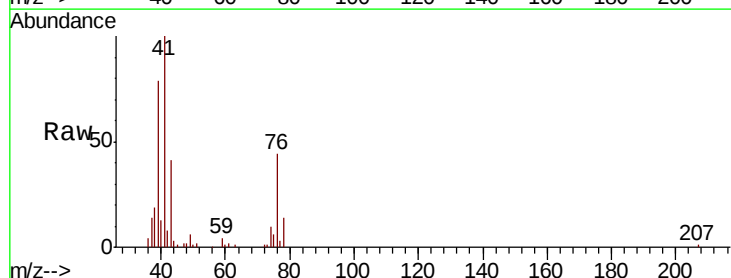
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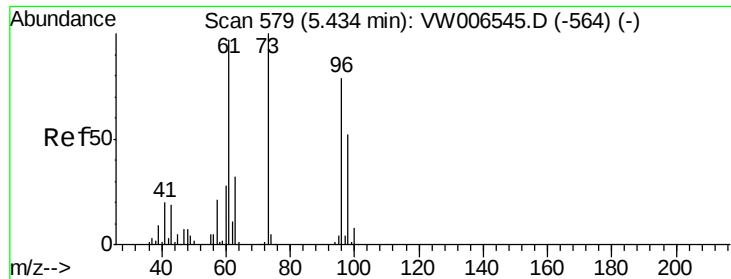
apatel
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#18
Methyl Acetate
Concen: 22.492 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.02 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	21.9	32.9





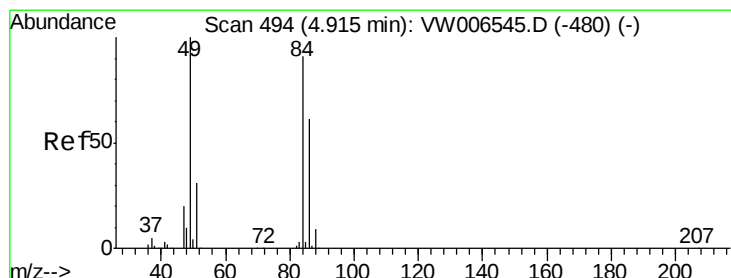
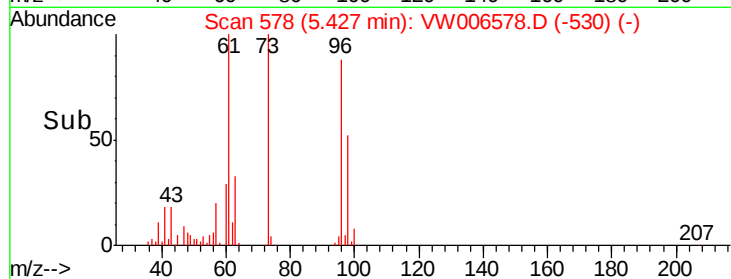
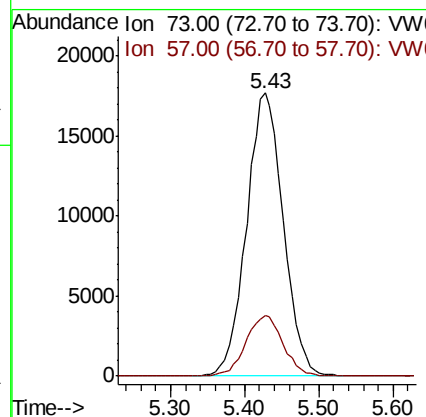
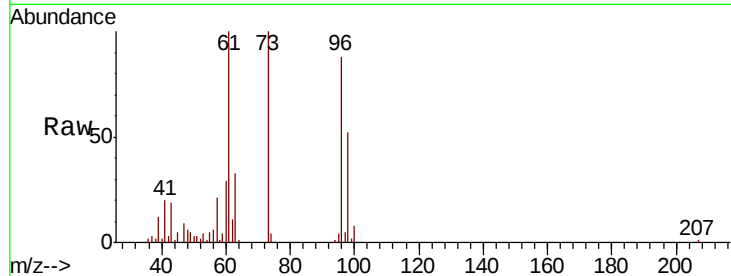
#19
Methyl tert-butyl Ether
Concen: 21.566 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion: 73 Resp: 61121
Ion Ratio Lower Upper
73 100
57 21.3 16.7 25.1

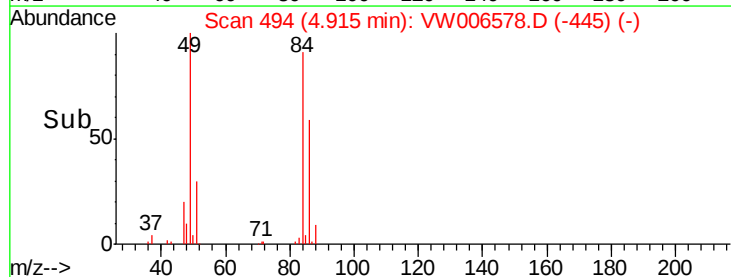
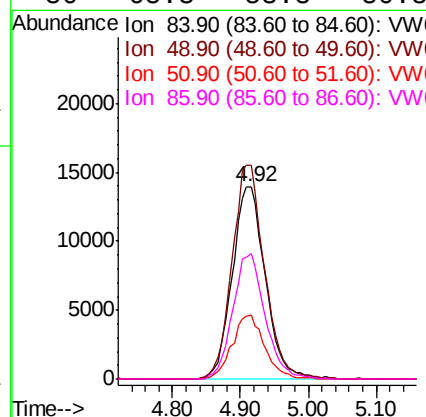
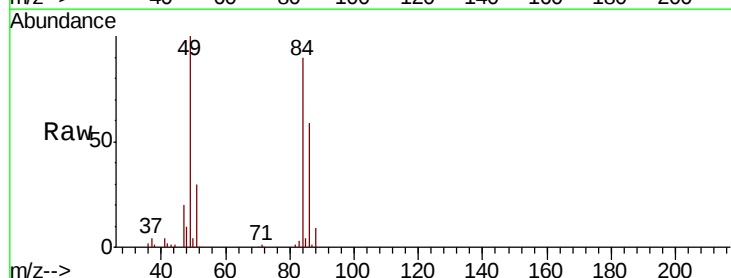
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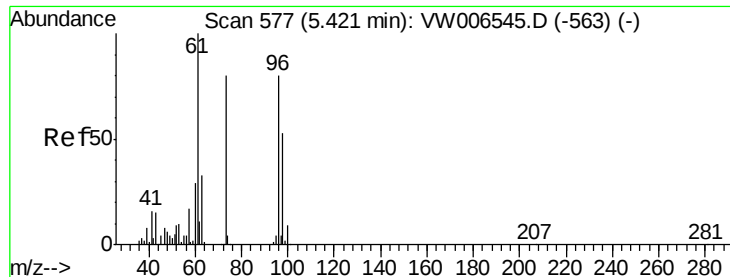
apatel
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#20
Methylene Chloride
Concen: 18.684 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion: 84 Resp: 47080
Ion Ratio Lower Upper
84 100
49 110.9 88.2 132.4
51 33.0 27.0 40.6
86 65.3 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 21.209 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

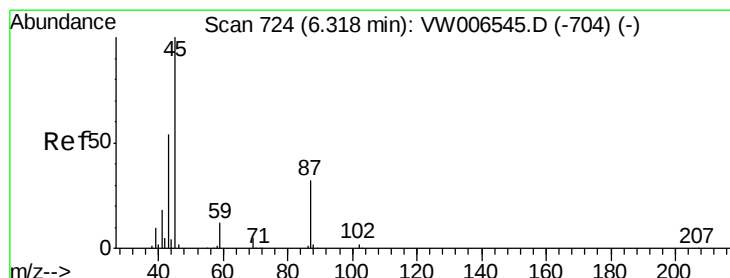
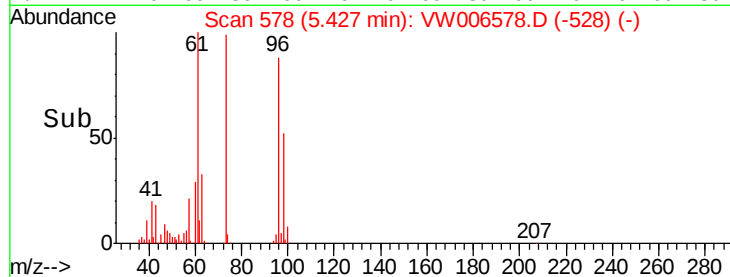
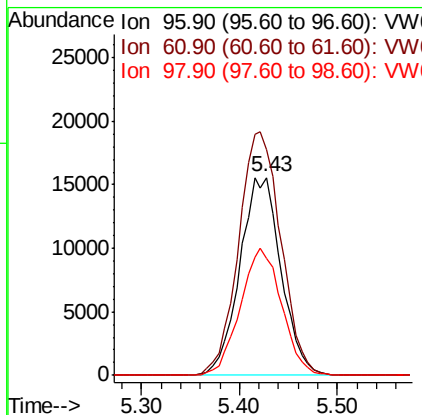
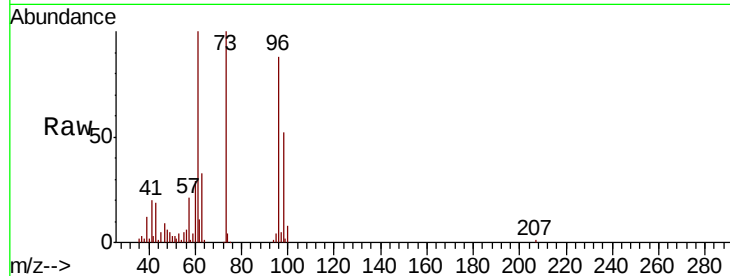
ClientSampleId :

VW110318SBS01

Tot Ion:	96	Resp:	45695
Ion	Ratio	Lower	Upper
96	100		
61	114.1	100.6	150.8
98	59.3	52.9	79.3

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#22

Diisopropyl ether

Concen: 22.428 ug/l

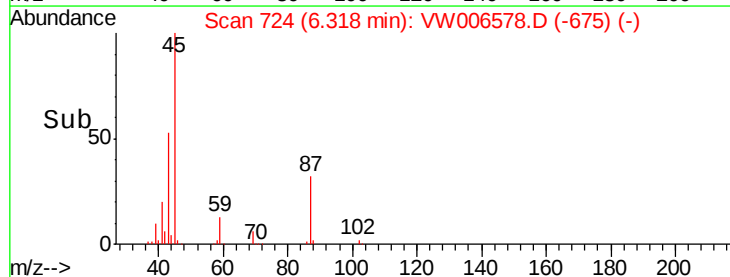
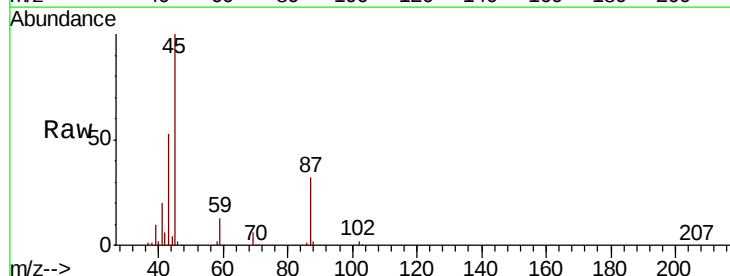
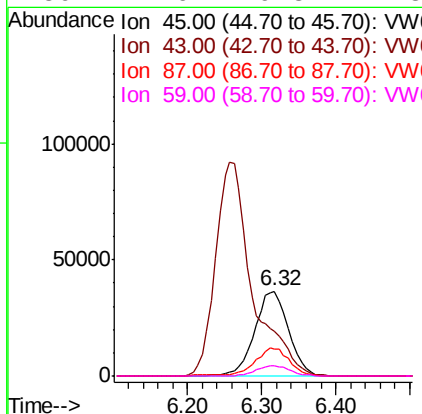
RT: 6.32 min Scan# 724

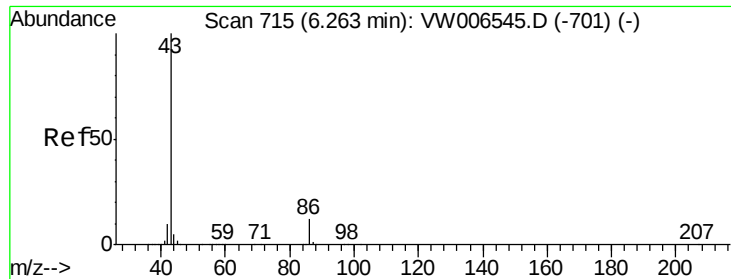
Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Tgt Ion:	45	Resp:	116209
Ion	Ratio	Lower	Upper
45	100		
43	52.9	43.6	65.4
87	31.8	26.3	39.5
59	12.6	9.8	14.8





#23

Vinyl Acetate

Concen: 109.789 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion: 43 Resp: 315457

Ion Ratio Lower Upper

43 100

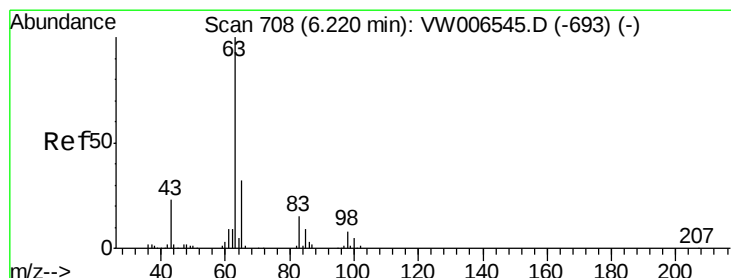
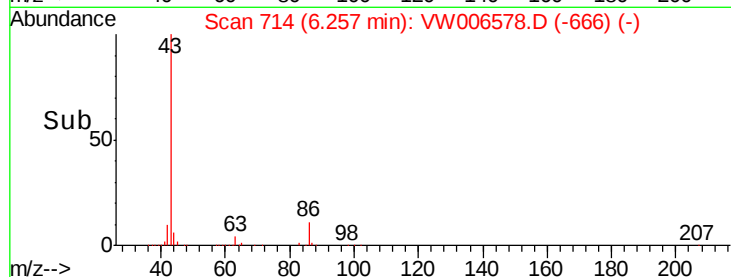
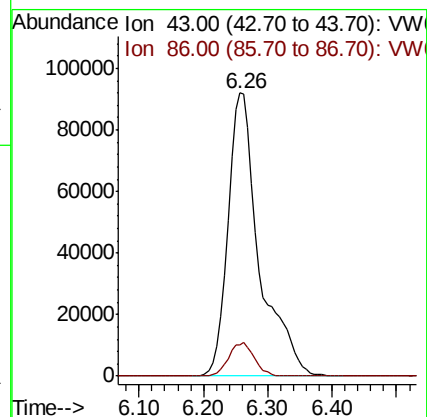
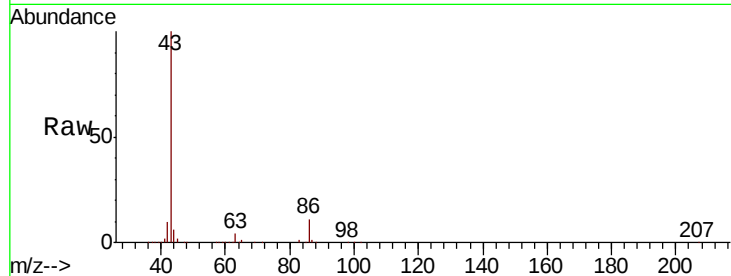
86 11.3 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 21.558 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

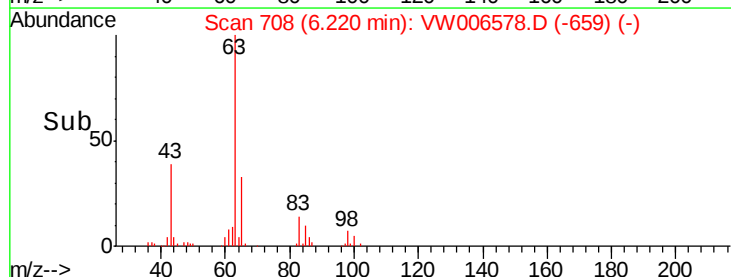
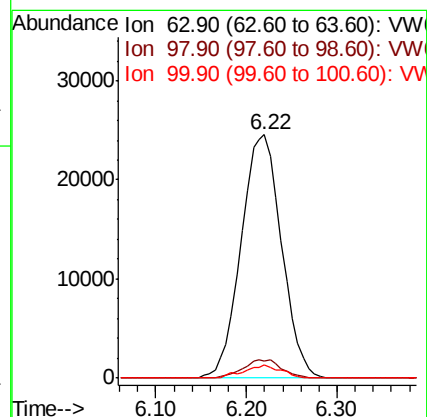
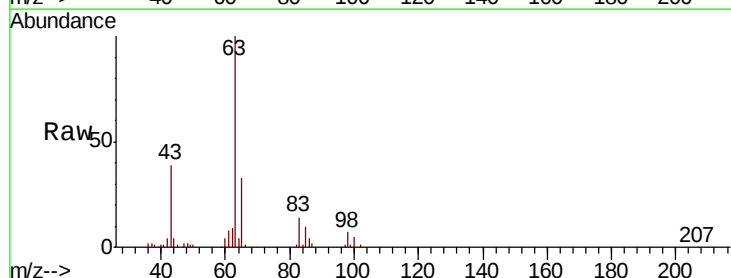
Tgt Ion: 63 Resp: 75702

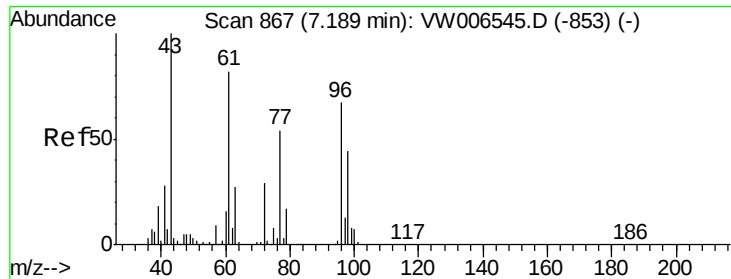
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 5.2 2.4 7.2





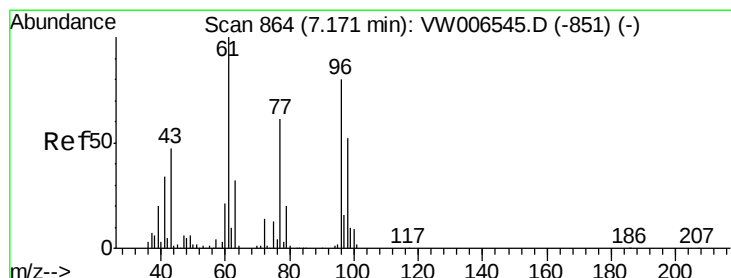
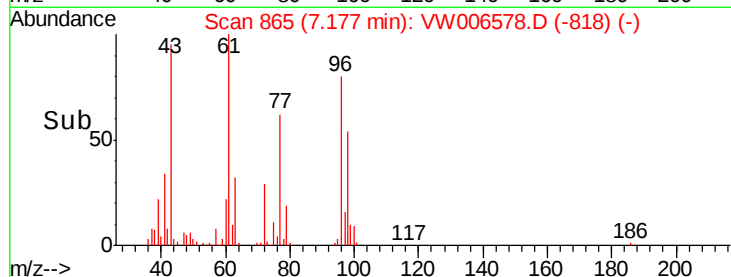
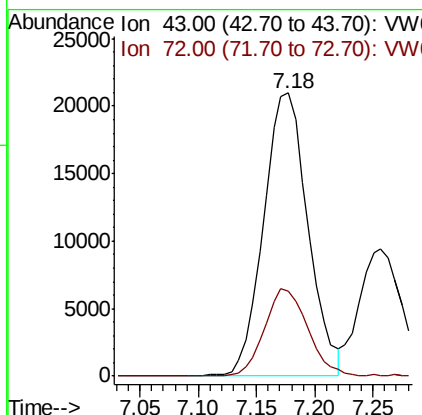
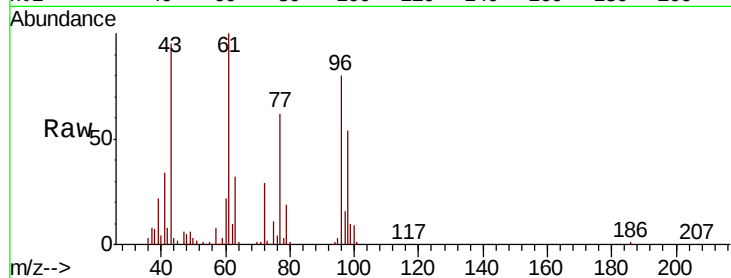
#25
2-Butanone
Concen: 119.618 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion: 43 Resp: 55295
Ion Ratio Lower Upper
43 100
72 29.9 23.2 34.8

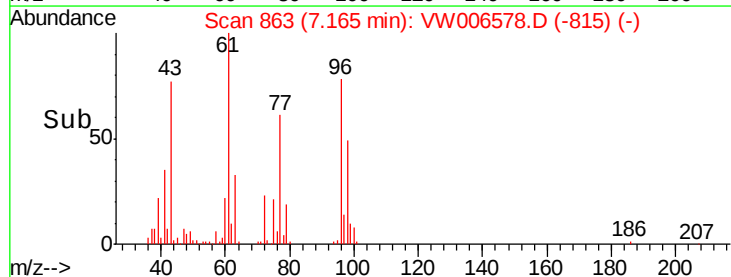
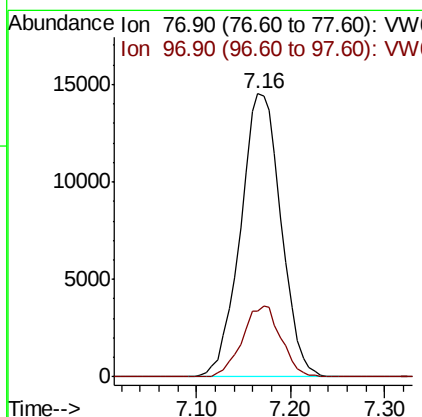
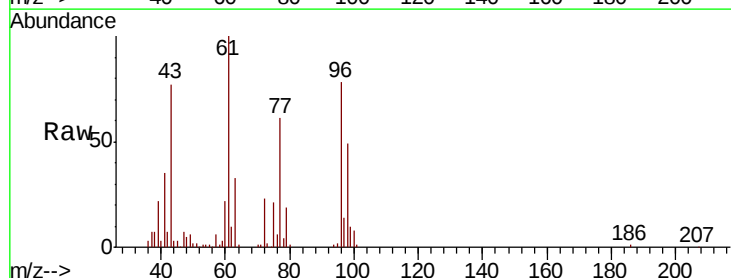
Manual Integrations
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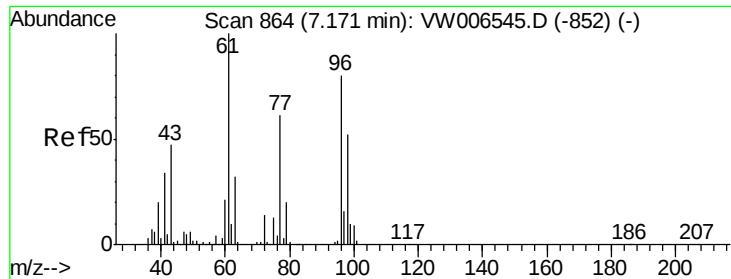
apatel
11/2/2018 1:01:35 PM



#26
2,2-Dichloropropane
Concen: 20.671 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion: 77 Resp: 43726
Ion Ratio Lower Upper
77 100
97 23.9 12.8 38.4





#27

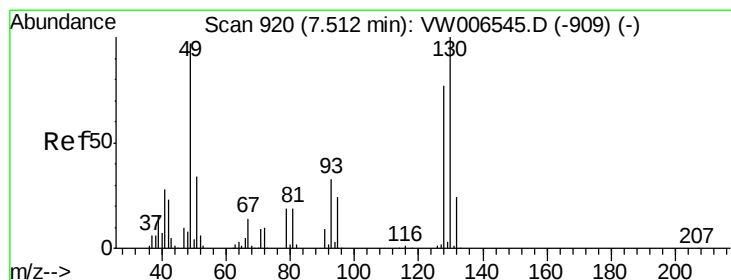
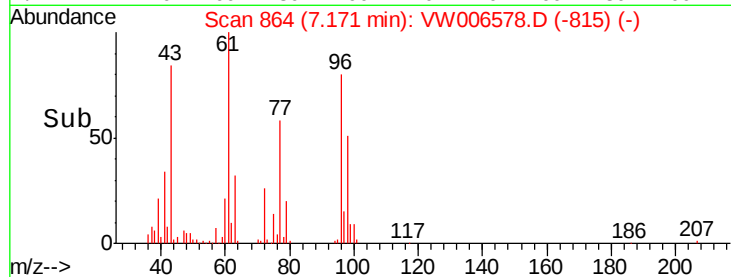
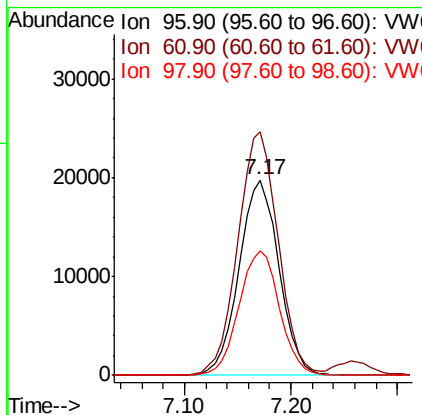
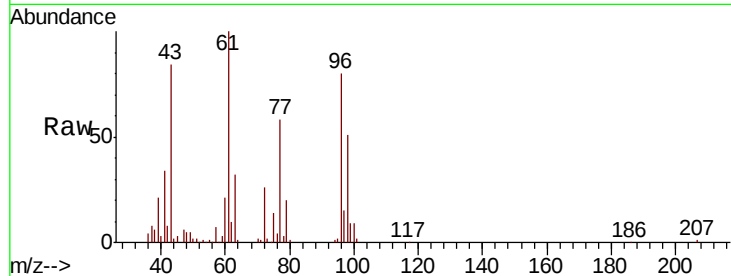
cis-1,2-Dichloroethene
Concen: 21.564 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.0	0.0	254.2
98	64.4	0.0	129.6

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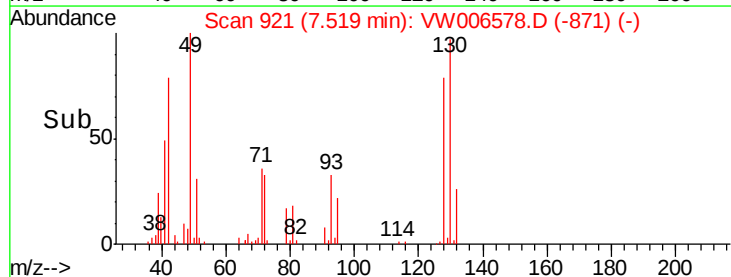
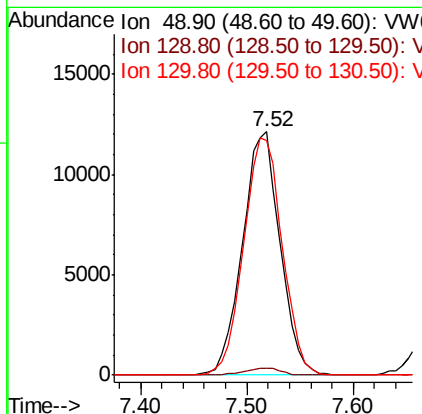
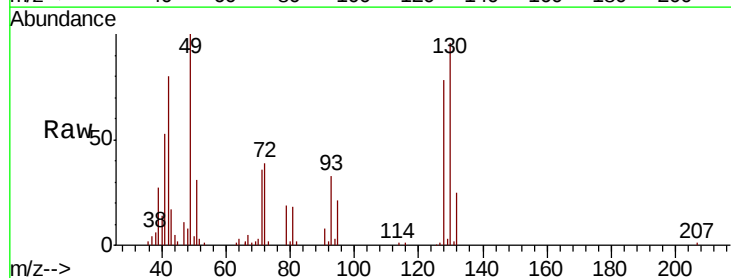
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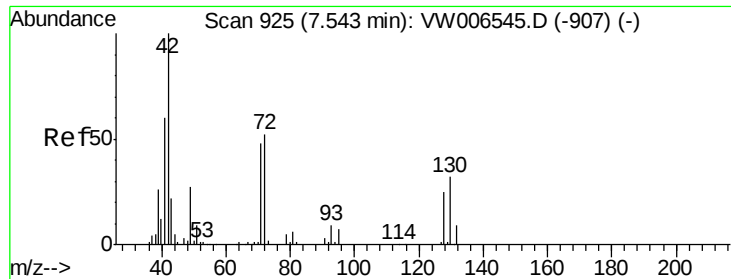


#28

Bromochloromethane
Concen: 21.570 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	100.0	82.2	123.2





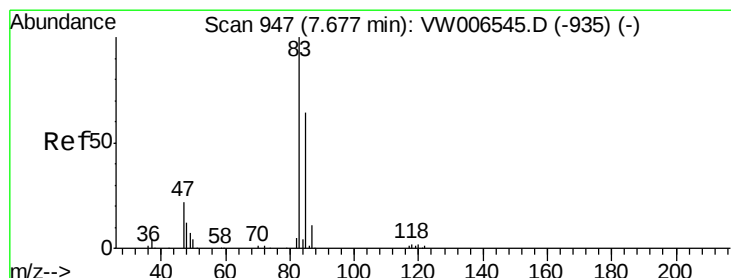
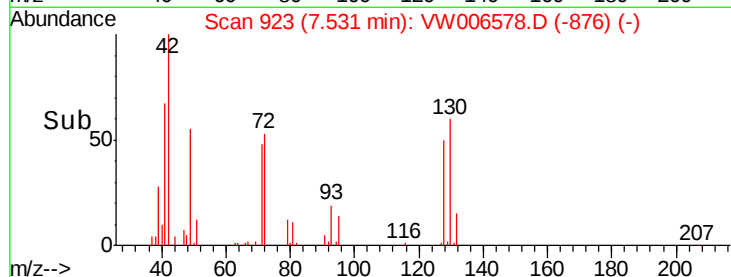
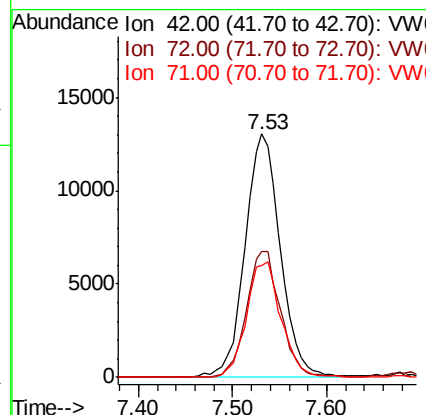
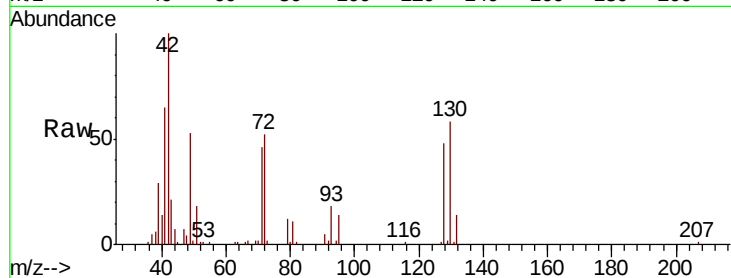
#29
Tetrahydrofuran
Concen: 117.962 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion:	42	Resp:	34298
Ion Ratio	Lower	Upper	
42	100		
72	49.8	39.2	58.8
71	46.6	37.6	56.4

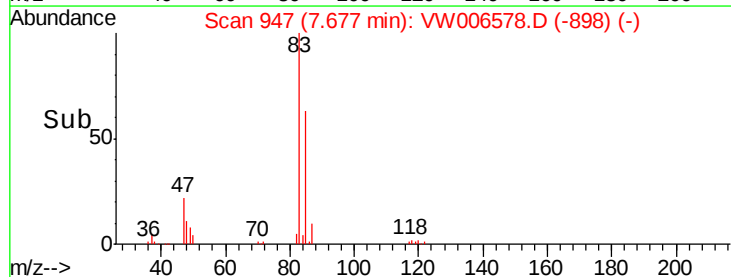
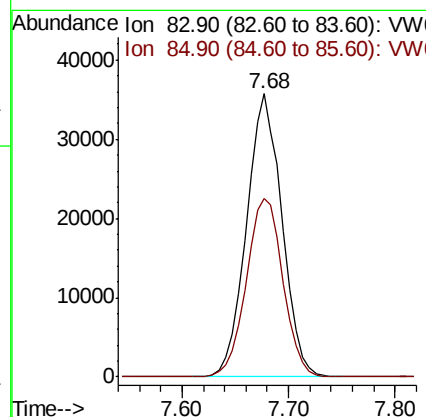
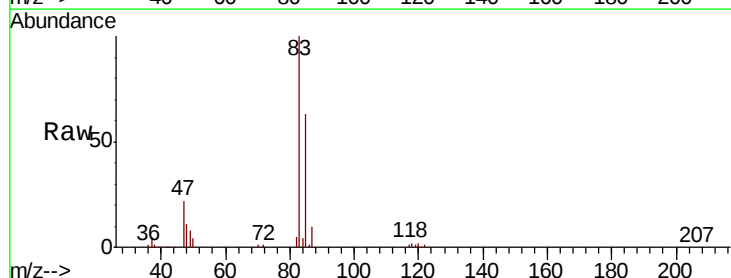
Manual Integrations
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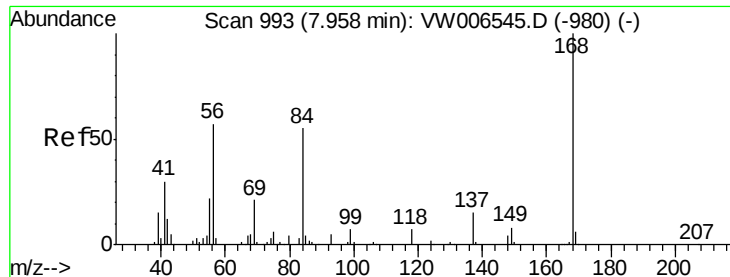
apatel
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#30
Chloroform
Concen: 21.663 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion:	83	Resp:	83401
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.3	76.9





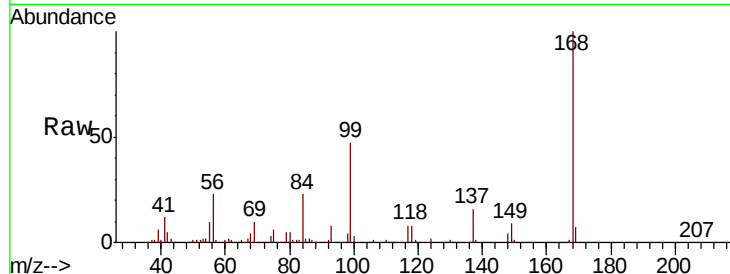
#31
Cyclohexane
Concen: 20.799 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	42.6	29.0	43.4
84	99.2	77.8	116.6

Manual Integrations
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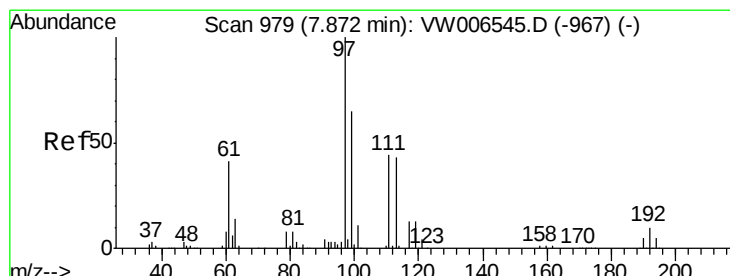
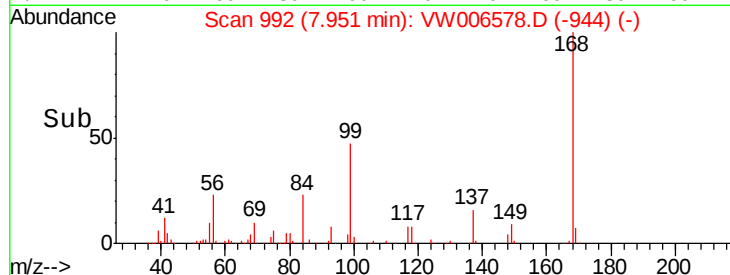
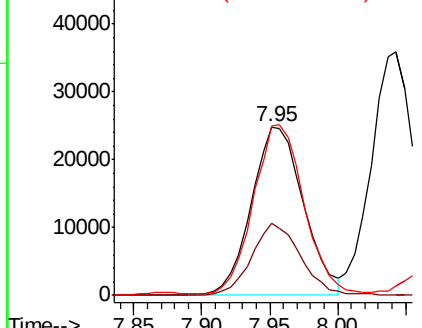


Abundance

Ion 56.00 (55.70 to 56.70): VW

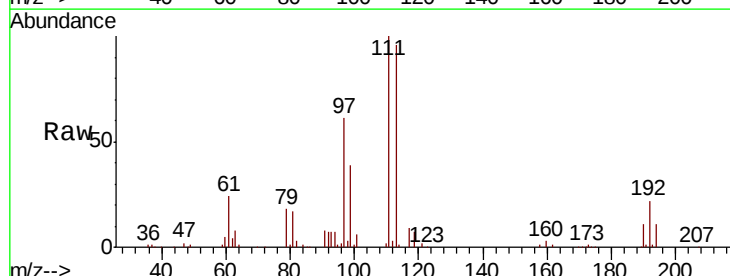
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 21.526 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.7	77.5
61	42.8	32.9	49.3

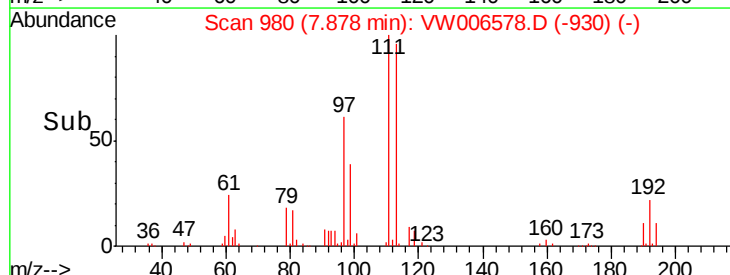
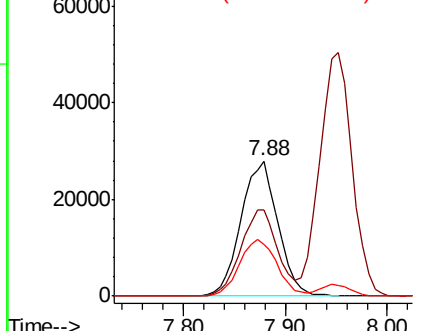


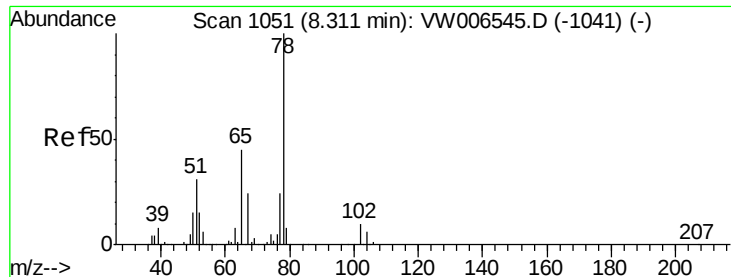
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





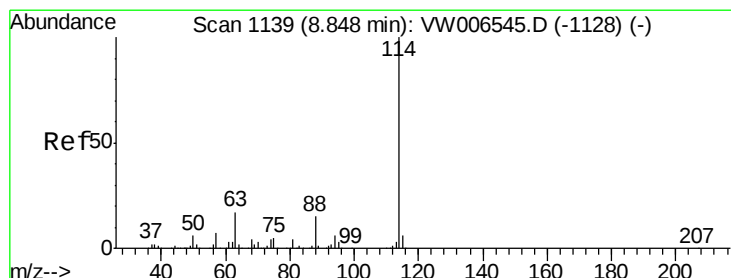
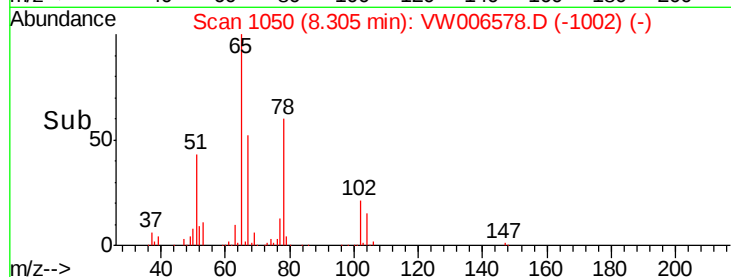
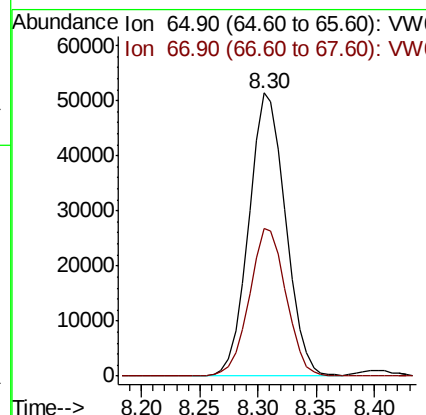
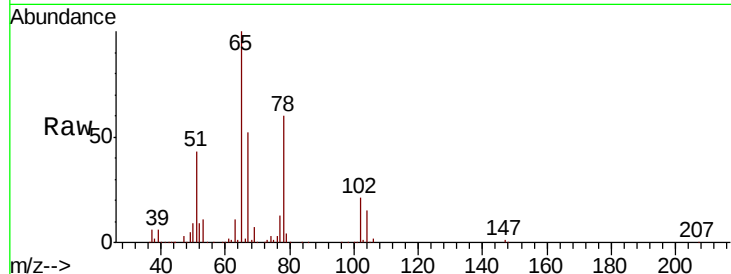
#33
 1,2-Dichloroethane-d4
 Concen: 56.215 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.4

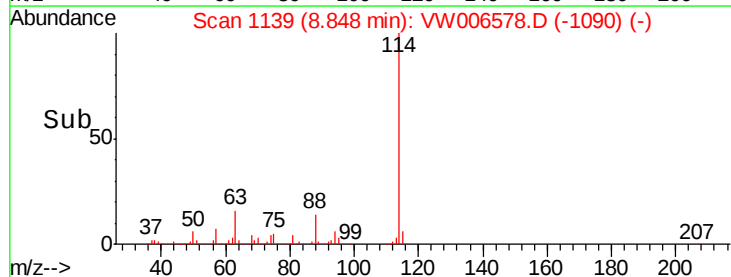
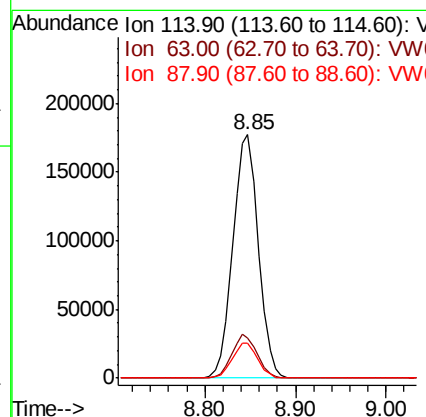
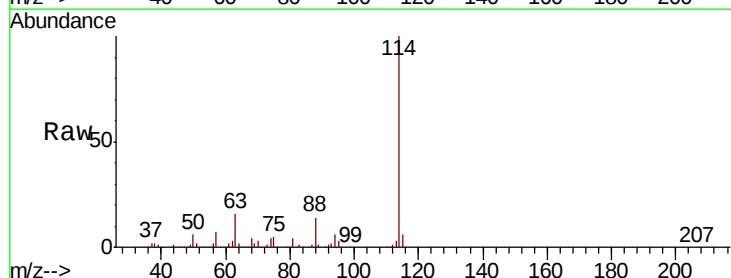
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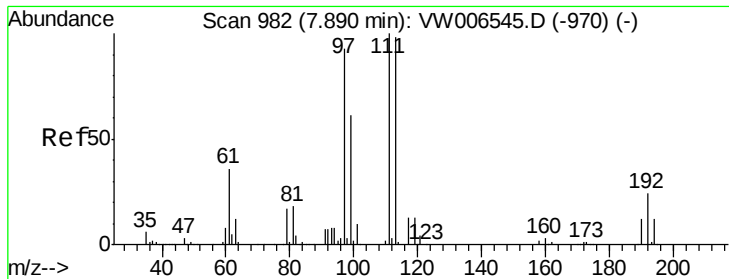
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	34.4
88	14.4	0.0	29.0





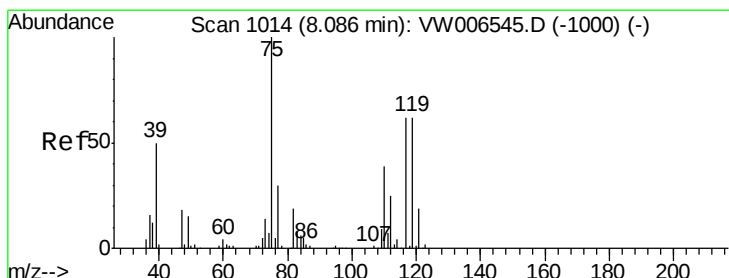
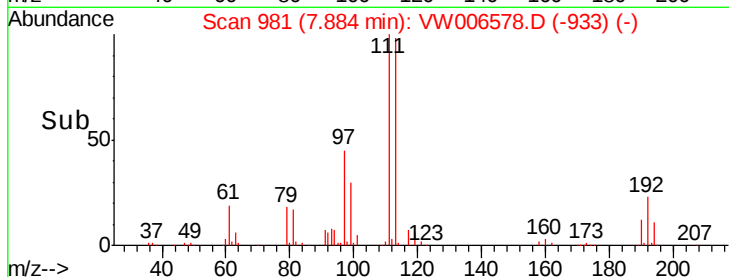
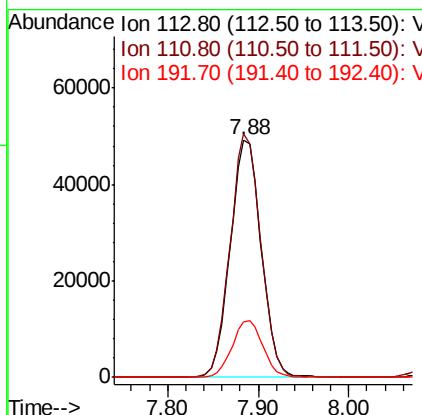
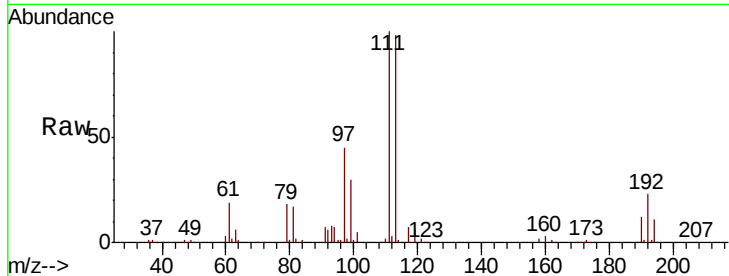
#35
 Dibromofluoromethane
 Concen: 53.927 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.9	82.2	123.2	
192	23.7	19.0	28.6	

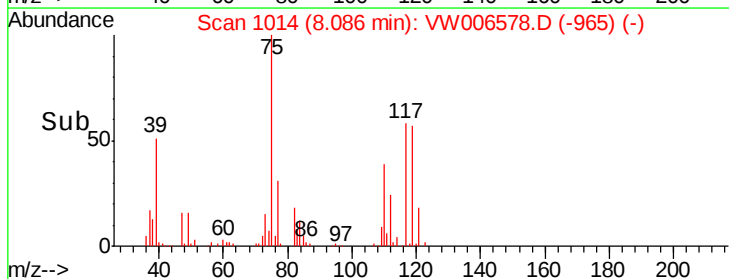
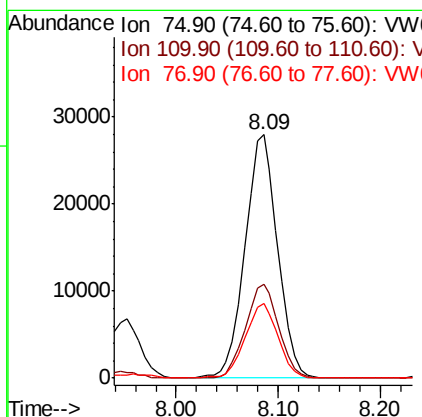
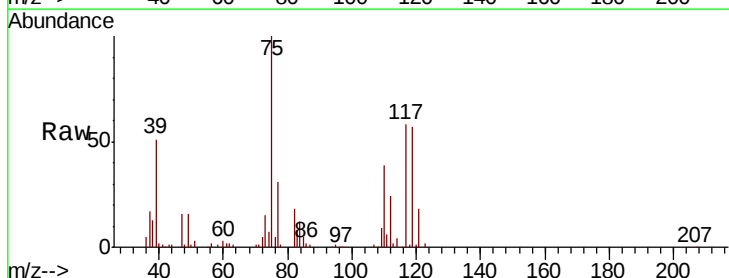
Manual Integrations
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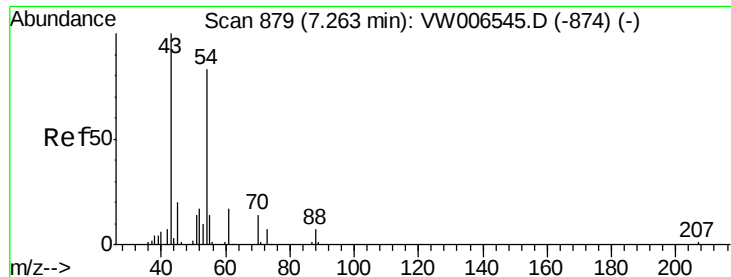
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.447 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	39.2	19.5	58.5	
77	30.9	24.6	37.0	





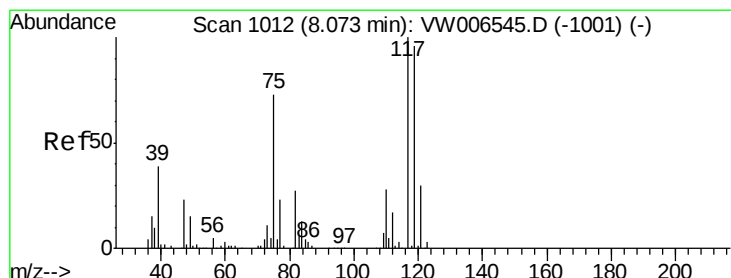
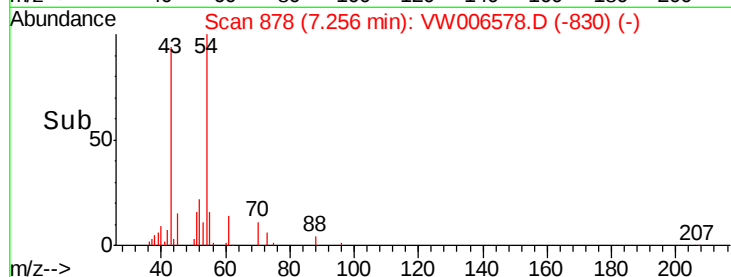
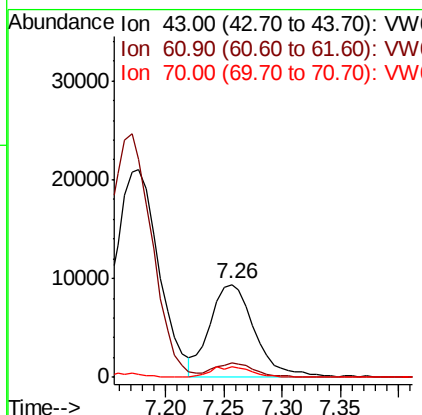
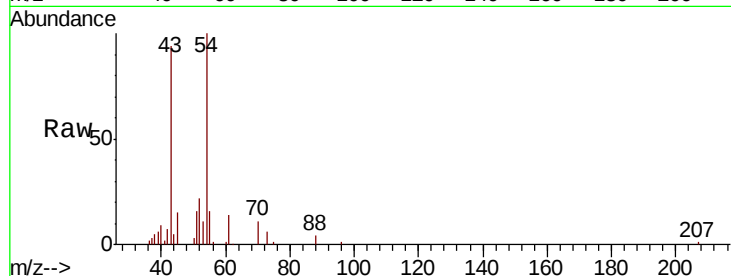
#37
Ethyl Acetate
Concen: 23.447 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.1	18.1
70	10.7	9.8	14.6

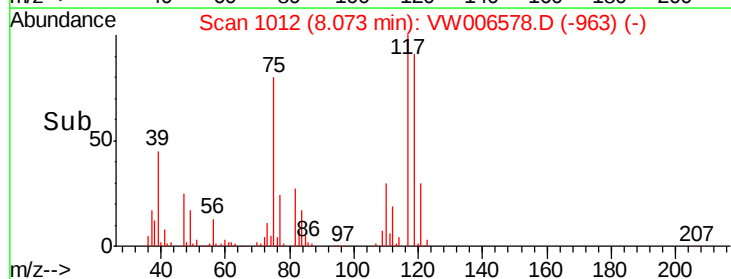
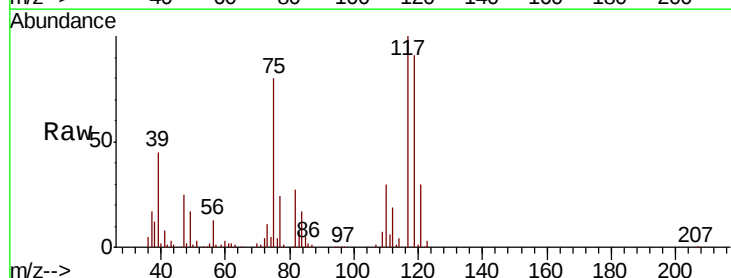
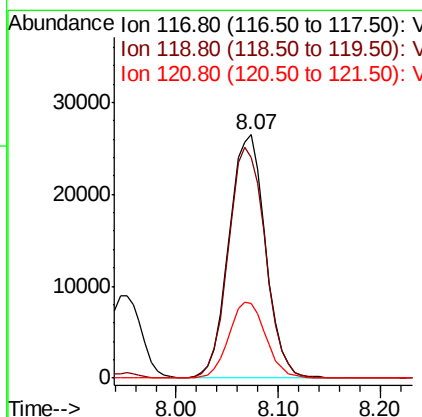
Manual Integrations
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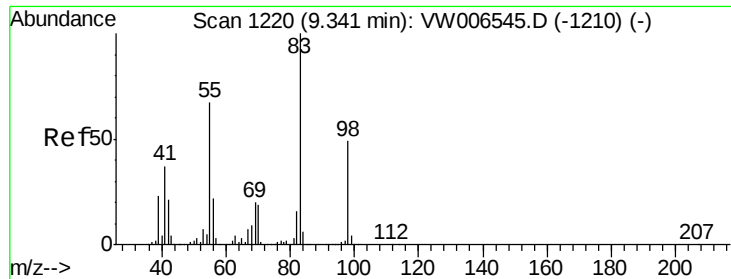
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#38
Carbon Tetrachloride
Concen: 20.793 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.8	76.3	114.5
121	30.4	24.1	36.1





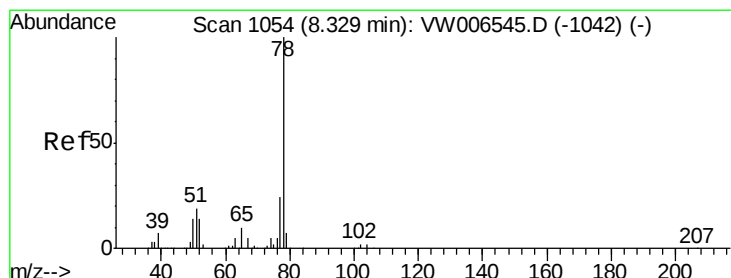
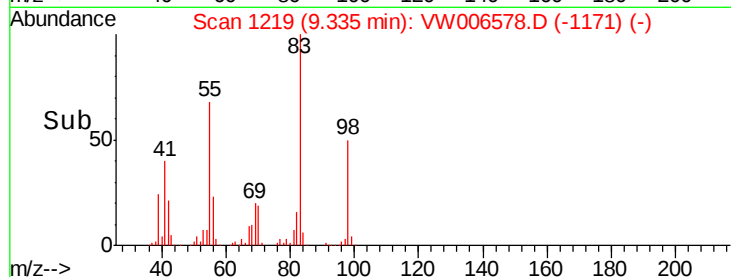
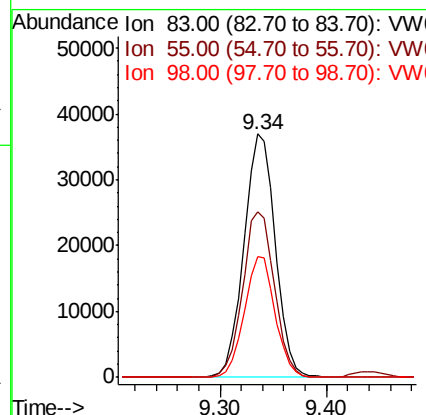
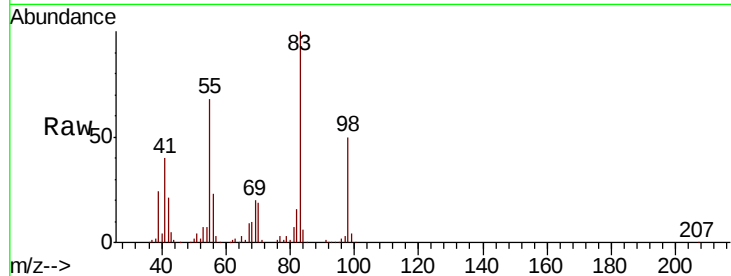
#39
Methvlcvclohexane
Concen: 19.909 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.1	53.7	80.5
98	49.7	39.2	58.8

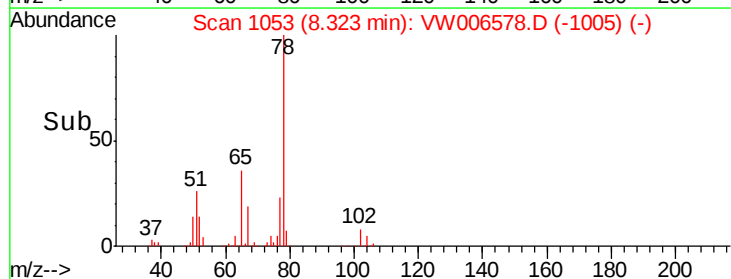
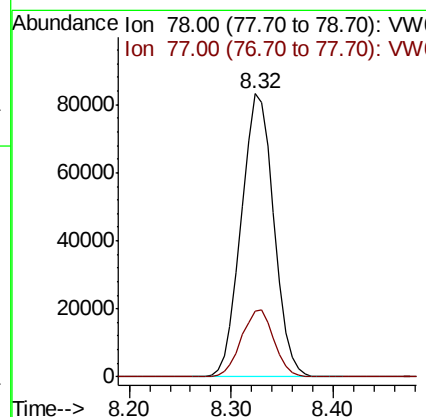
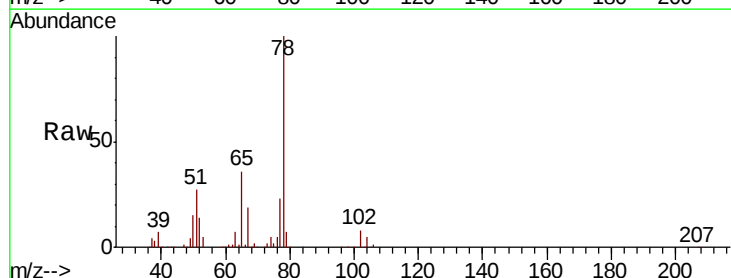
Manual Integrations
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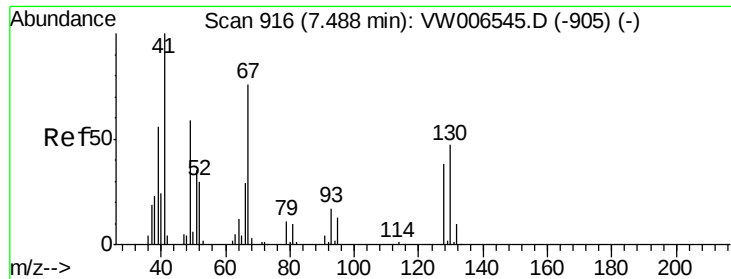
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#40
Benzene
Concen: 21.423 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





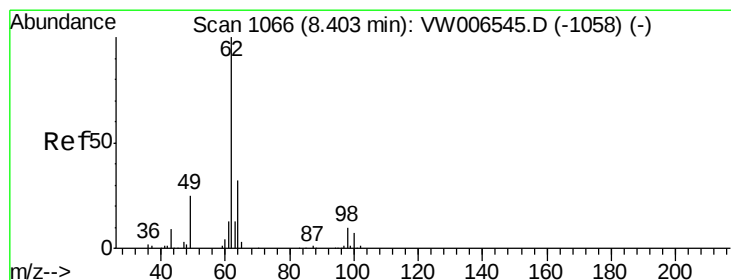
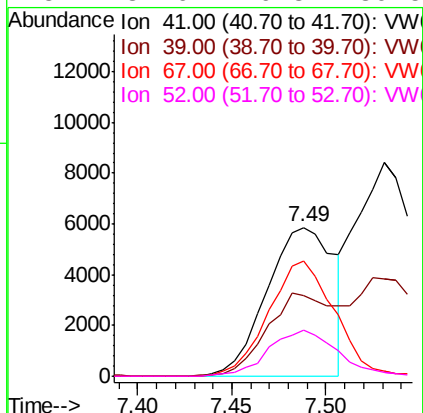
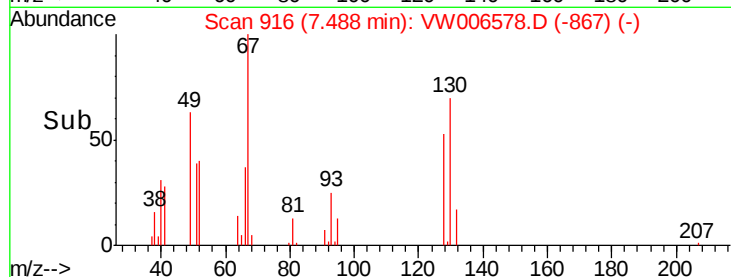
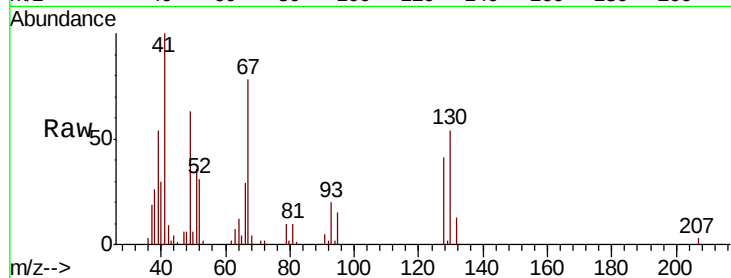
#41
Methacrylonitrile
Concen: 22.551 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	48.7	44.5	66.7
67	75.8	63.8	95.8
52	31.6	26.3	39.5

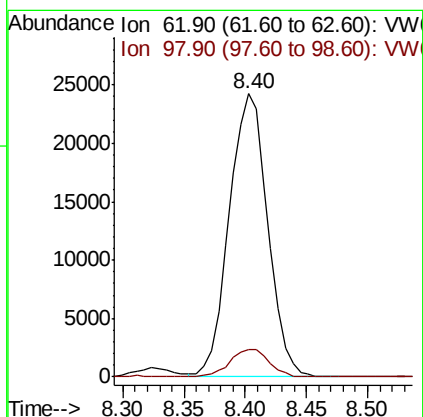
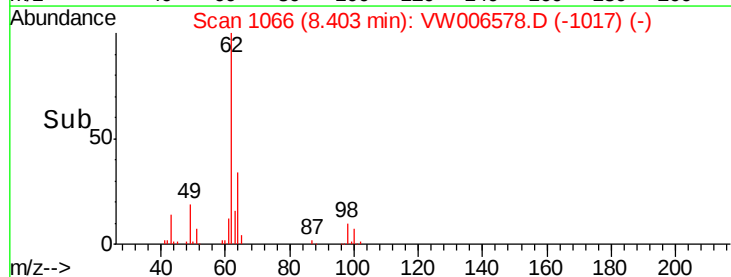
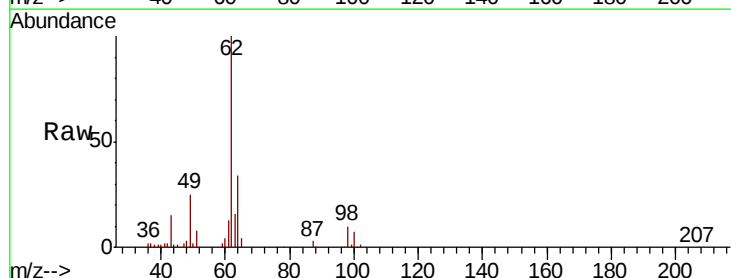
Manual Integrations
APPROVED

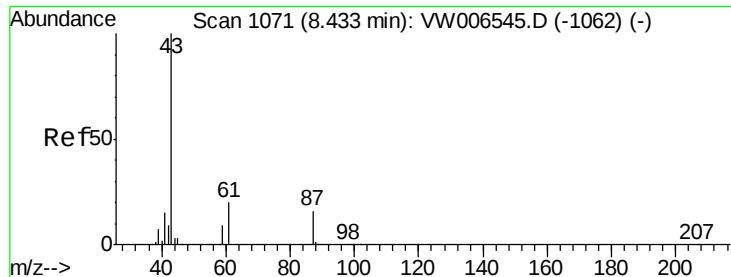
apatel
11/2/2018 1:01:35 PM



#42
1,2-Dichloroethane
Concen: 21.340 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 22.139 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

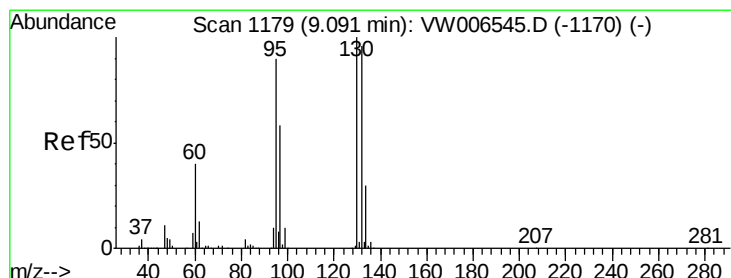
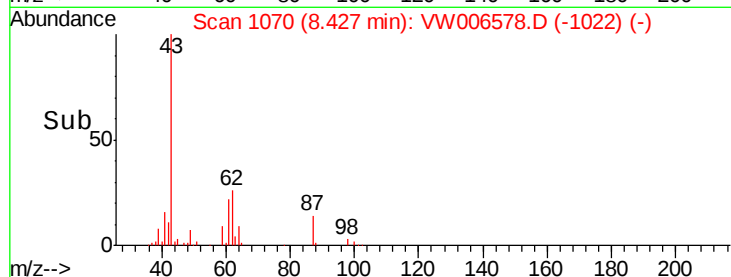
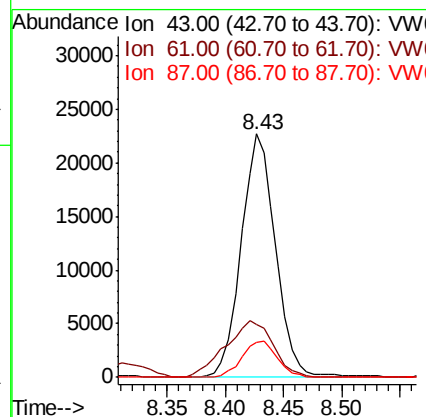
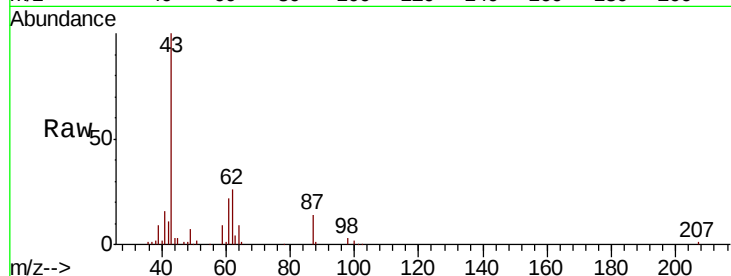
ClientSampleId :

VW110318SBS01

Tot Ion:	43	Resp:	46414
Ion	Ratio	Lower	Upper
43	100		
61	32.3	27.2	40.8
87	15.3	12.9	19.3

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#44

Trichloroethene

Concen: 20.367 ug/l

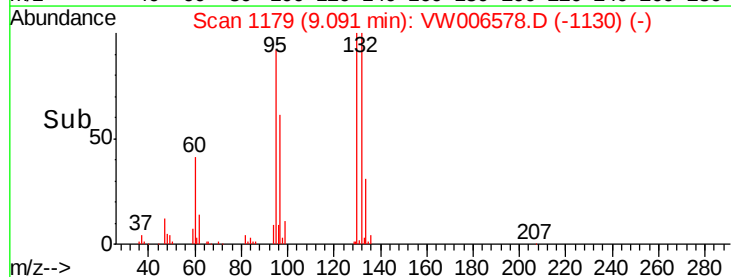
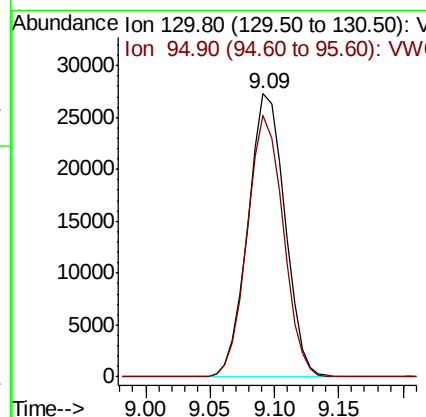
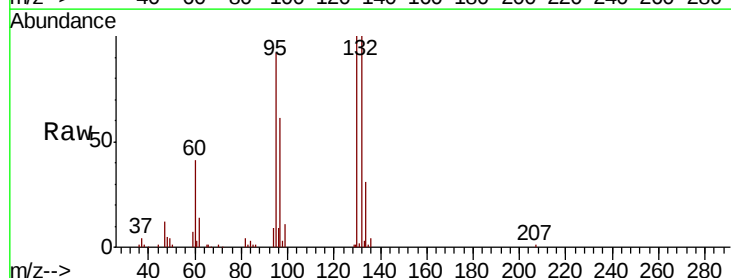
RT: 9.09 min Scan# 1179

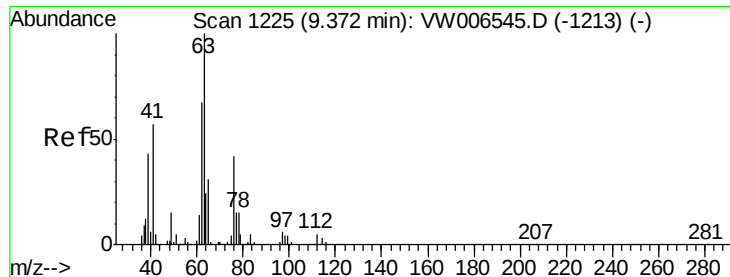
Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Tgt Ion:	130	Resp:	54121
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	179.2





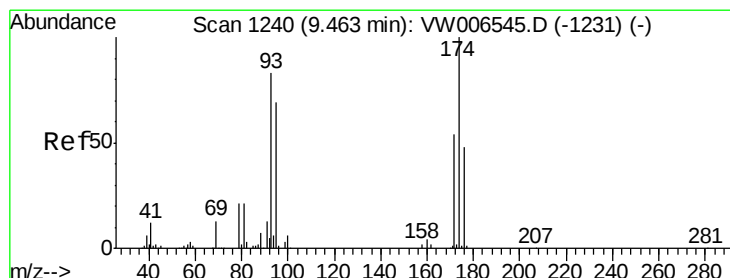
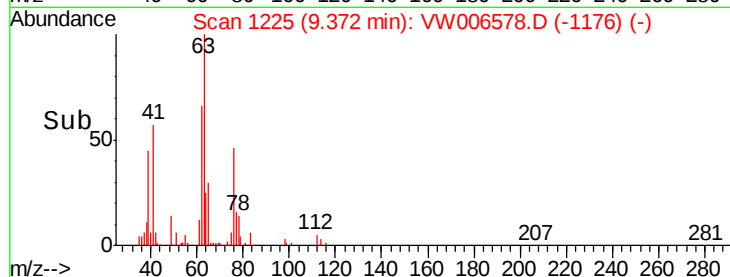
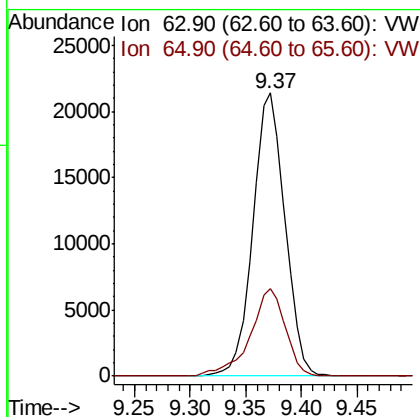
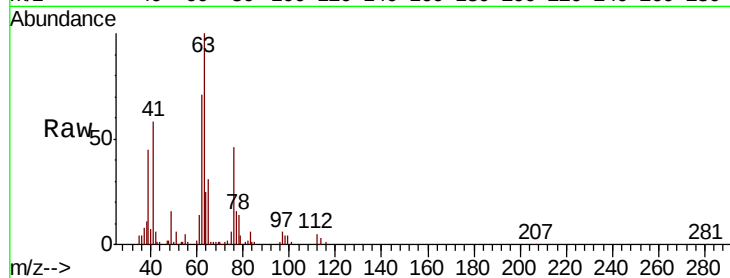
#45
 1,2-Dichloropropane
 Concen: 21.396 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	25.1	37.7

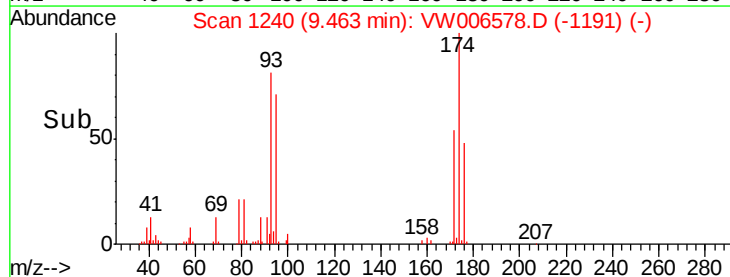
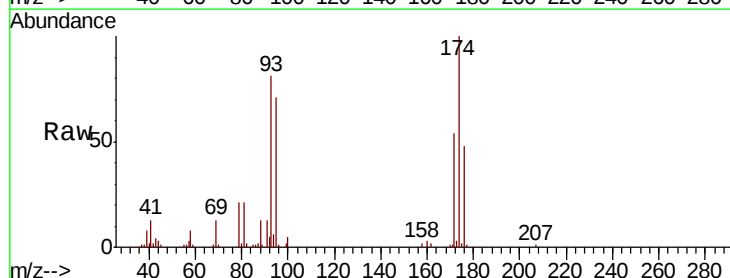
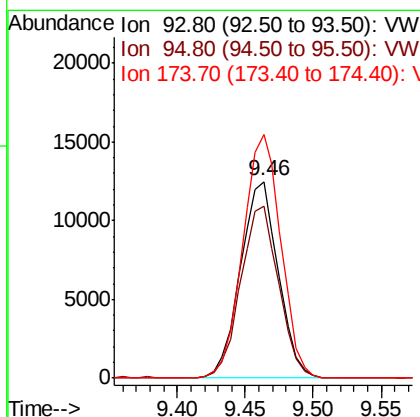
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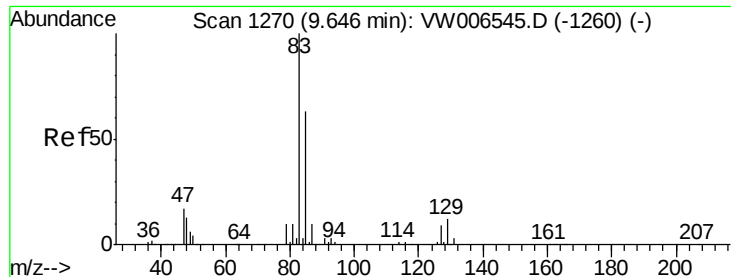
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#46
 Dibromomethane
 Concen: 20.618 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	87.8	67.2	100.8
174	124.3	97.3	145.9





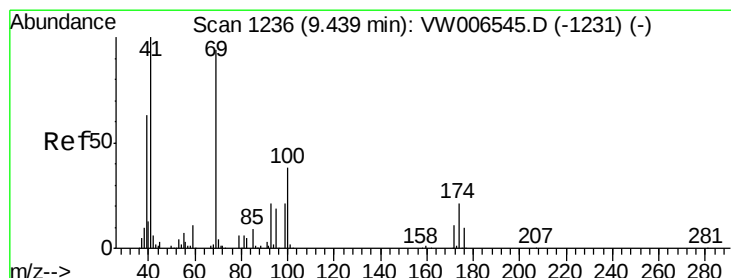
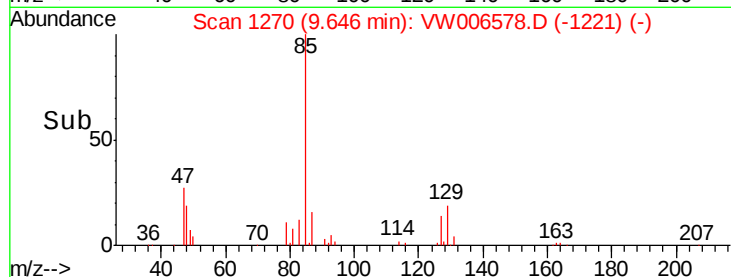
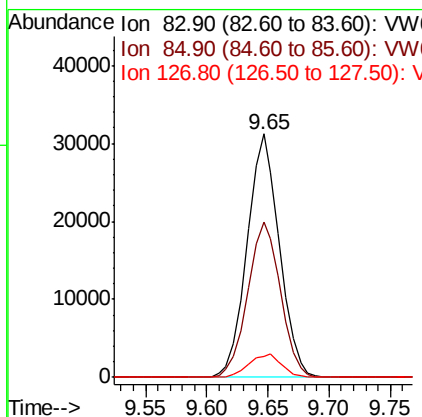
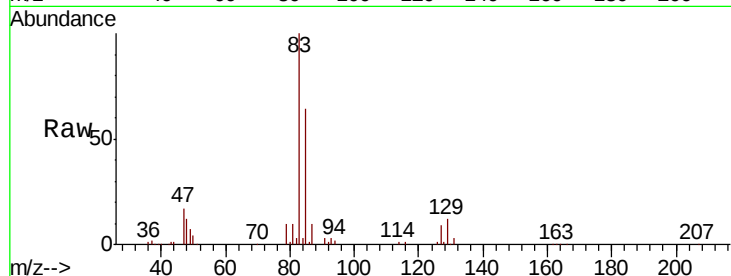
#47
Bromodichloromethane
Concen: 20.936 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.6	75.8
127	8.8	7.5	11.3

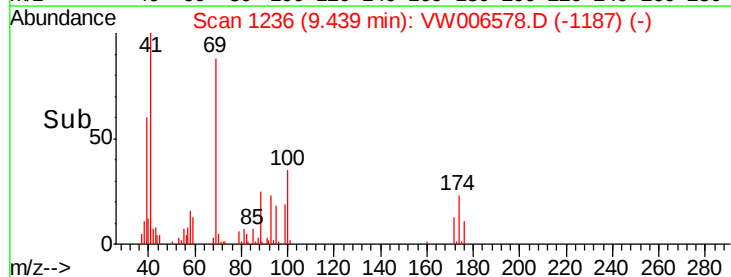
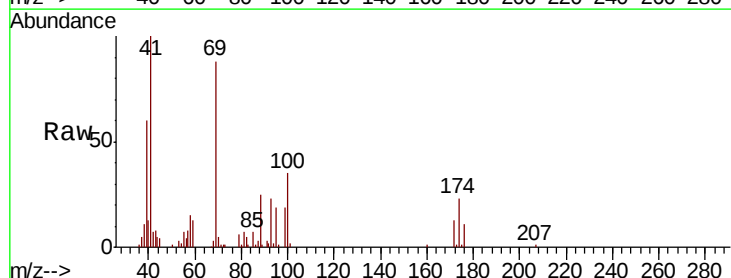
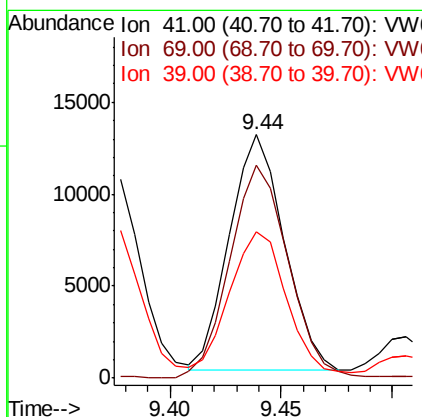
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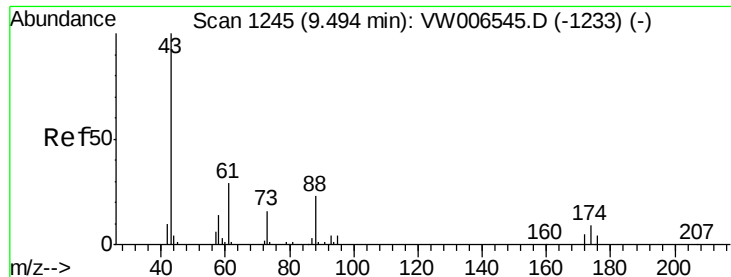
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#48
Methyl methacrylate
Concen: 21.695 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
41	100		
69	97.3	77.8	116.8
39	60.3	48.7	73.1





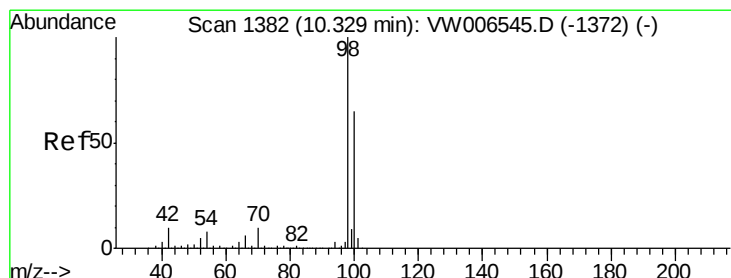
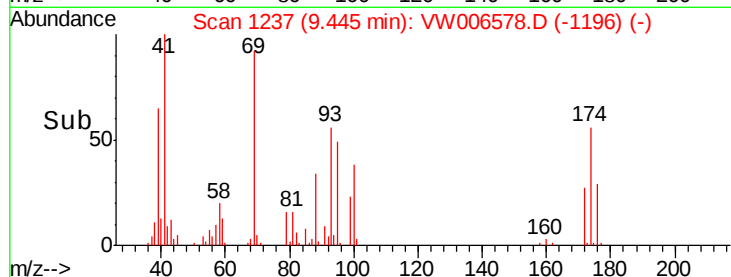
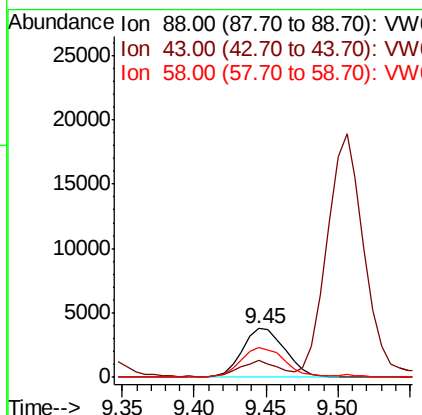
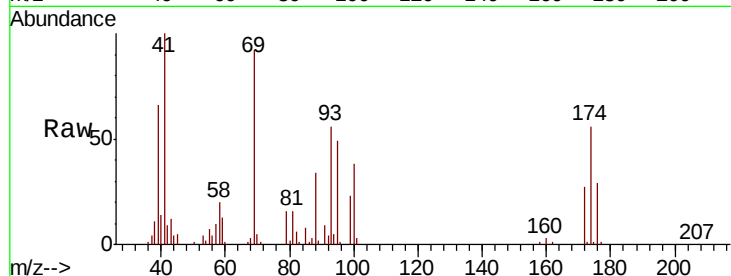
#49
1,4-Dioxane
Concen: 455.329 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.05 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	356.6	534.8#
58	62.3	51.4	77.2

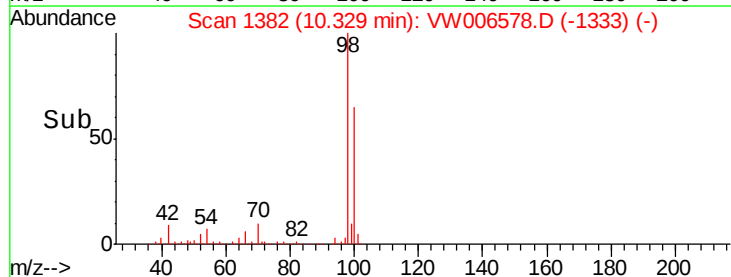
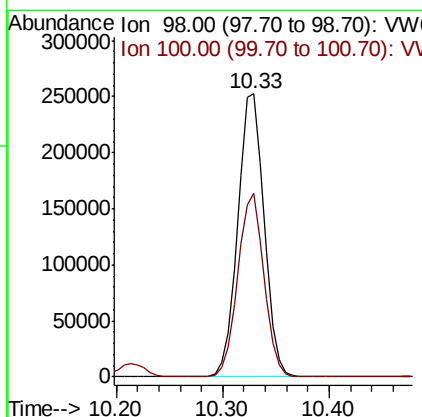
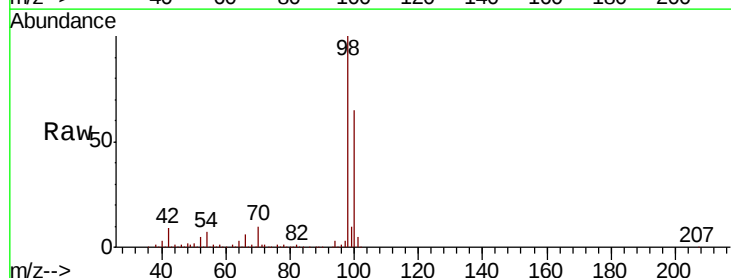
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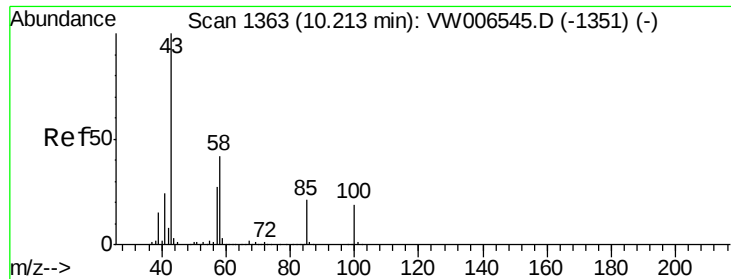
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#50
Toluene-d8
Concen: 53.436 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 110.044 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

Tot Ion: 43 Resp: 118488

Ion Ratio Lower Upper

43 100

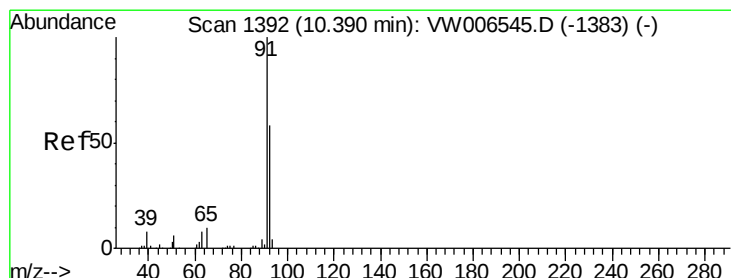
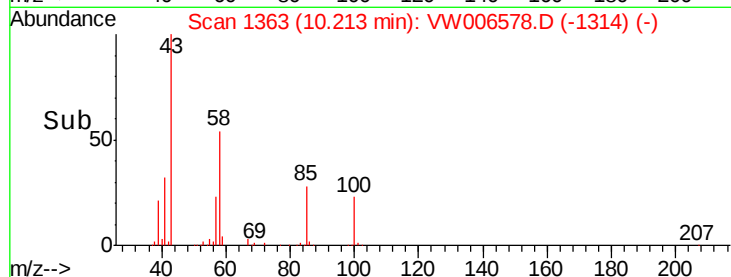
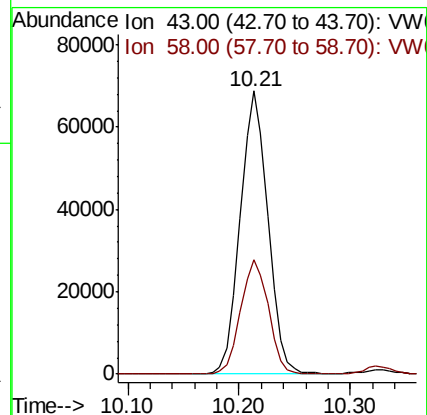
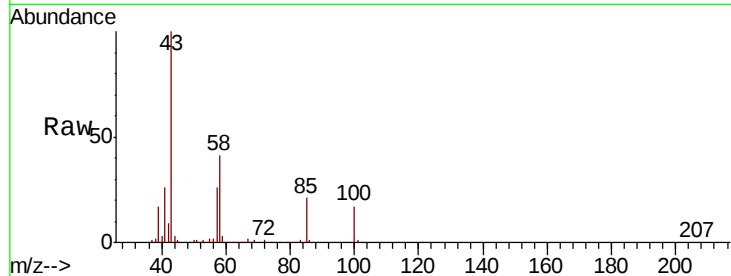
58 40.6 33.4 50.0

Manual Integrations

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#52

Toluene

Concen: 20.554 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006578.D

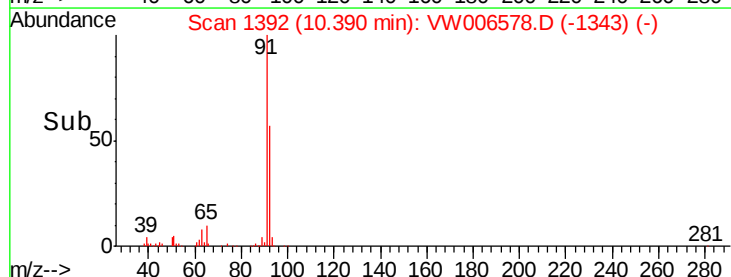
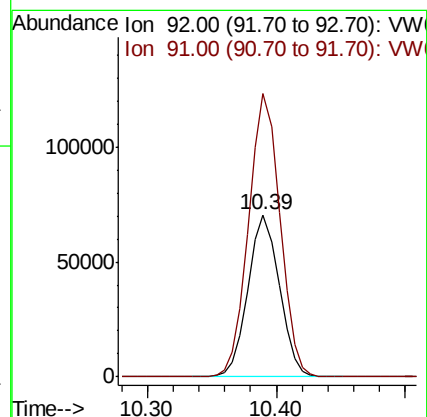
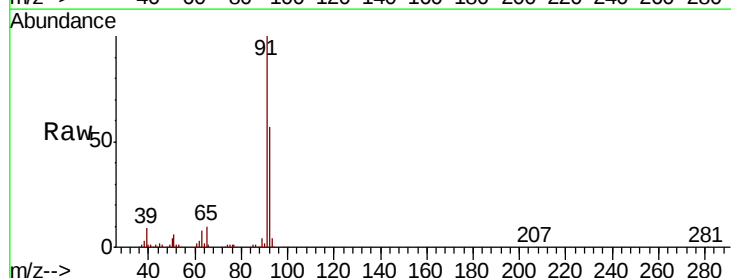
Acq: 02 Nov 2018 01:09

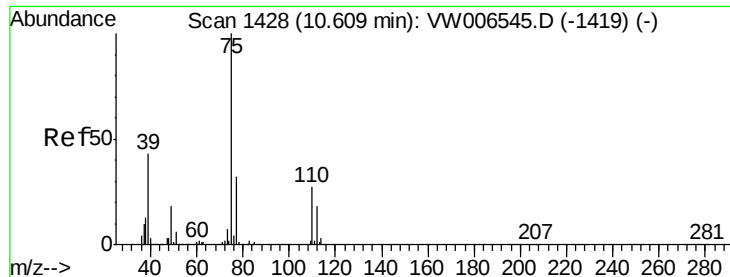
Tgt Ion: 92 Resp: 118716

Ion Ratio Lower Upper

92 100

91 174.8 138.6 208.0





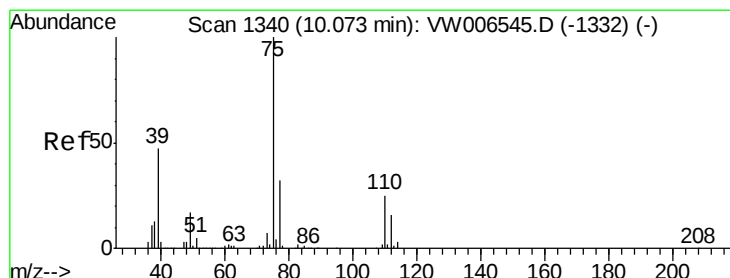
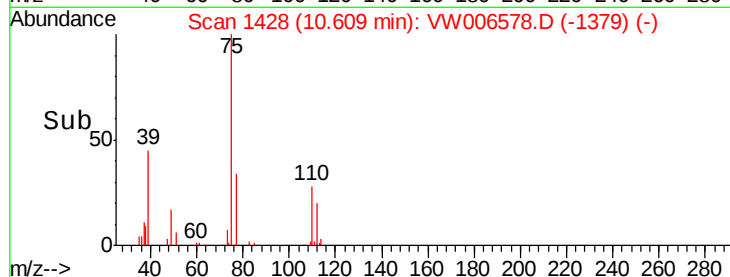
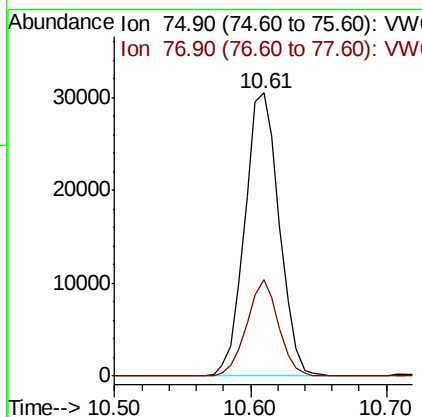
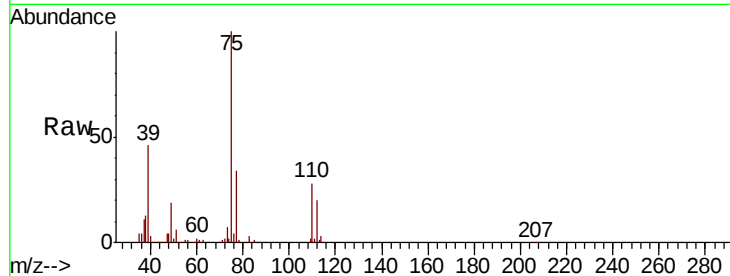
#53
 t-1,3-Dichloropropene
 Concen: 20.560 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tot Ion: 75 Resp: 54124
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.6 38.4

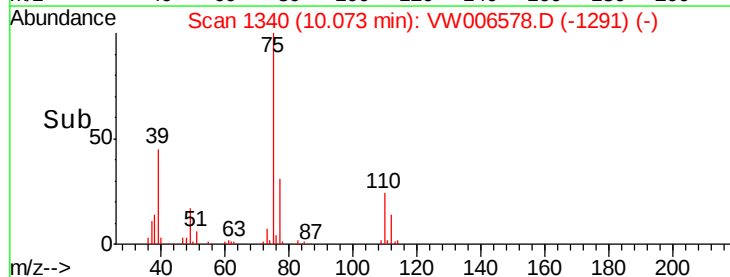
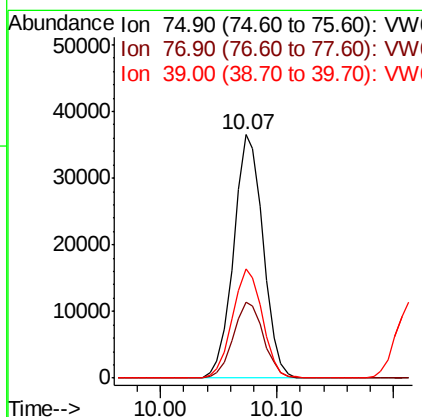
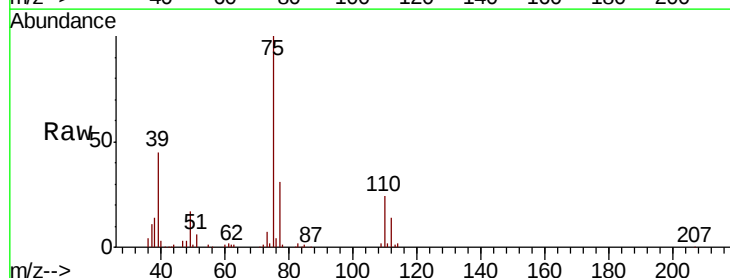
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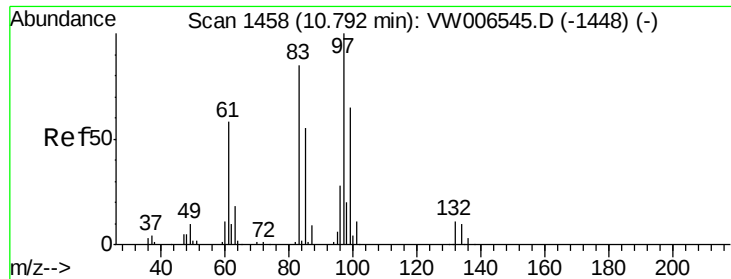
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#54
 cis-1,3-Dichloropropene
 Concen: 20.715 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion: 75 Resp: 64441
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.7 38.5
 39 44.6 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 21.122 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

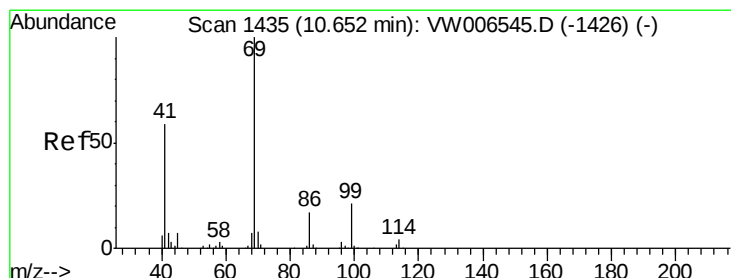
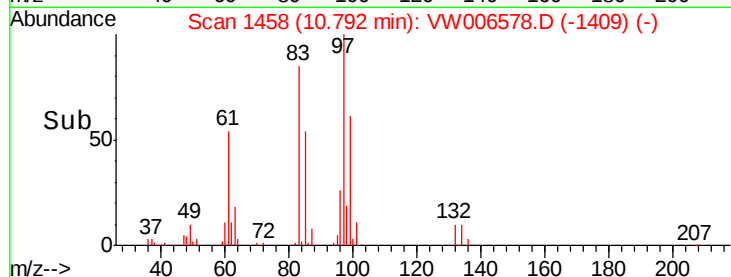
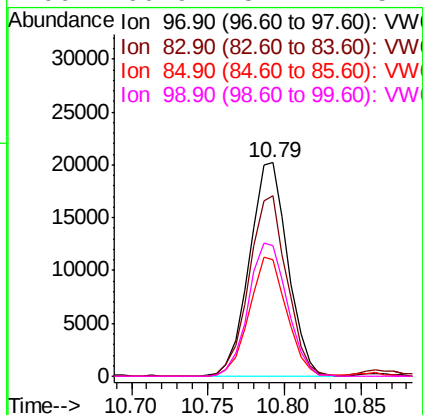
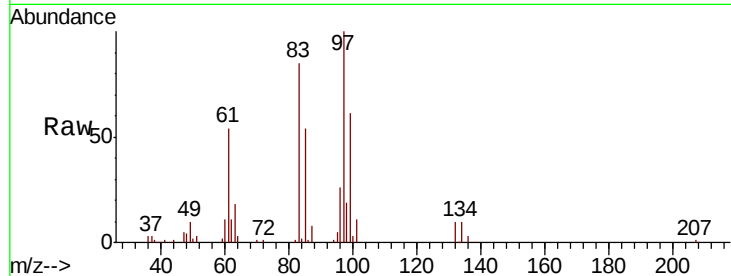
ClientSampleId :

VW110318SBSD01

Tot Ion:	97	Resp:	35305
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.9	101.9
85	54.3	44.0	66.0
99	60.9	52.2	78.2

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#56

Ethyl methacrylate

Concen: 20.729 ug/l

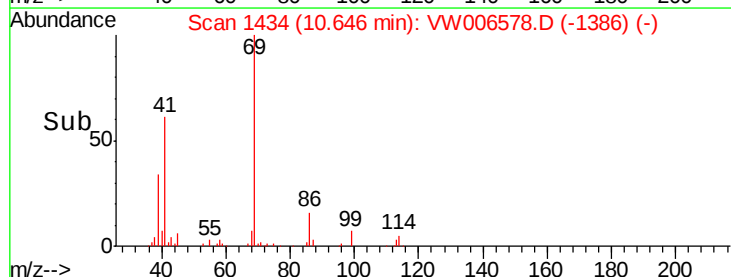
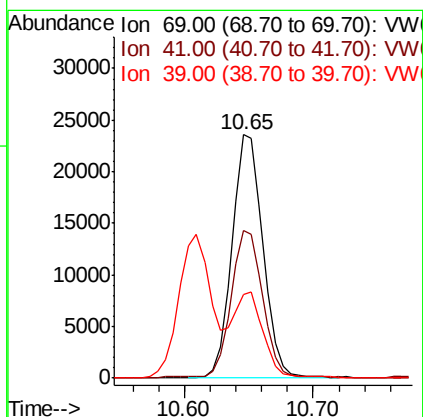
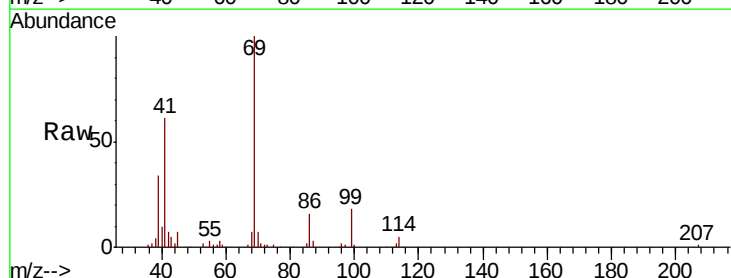
RT: 10.65 min Scan# 1434

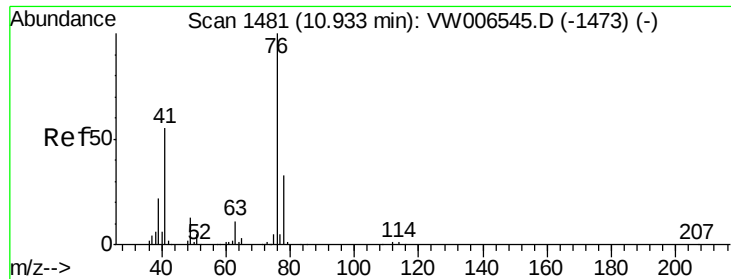
Delta R.T. -0.01 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Tgt Ion:	69	Resp:	39380
Ion	Ratio	Lower	Upper
69	100		
41	63.4	47.4	71.2
39	32.1	25.3	37.9





#57

1,3-Dichloropropane

Concen: 21.261 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBSD01

Tot Ion: 76 Resp: 57705

Ion Ratio Lower Upper

76 100

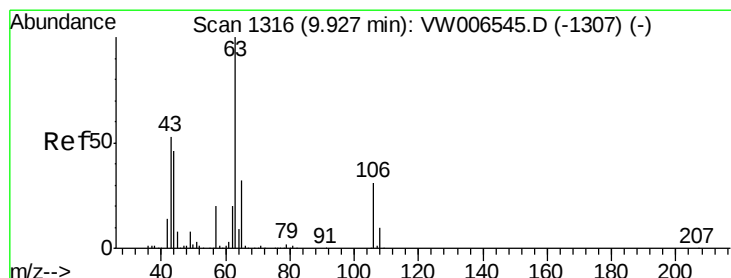
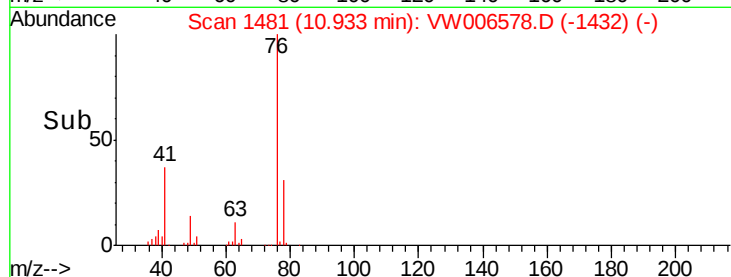
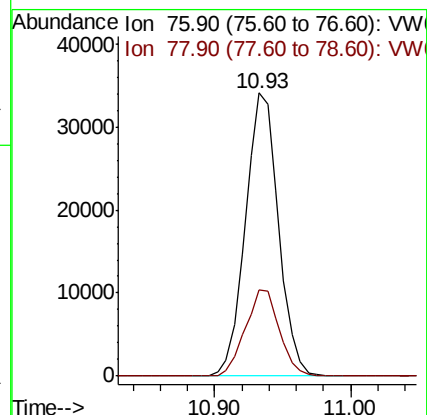
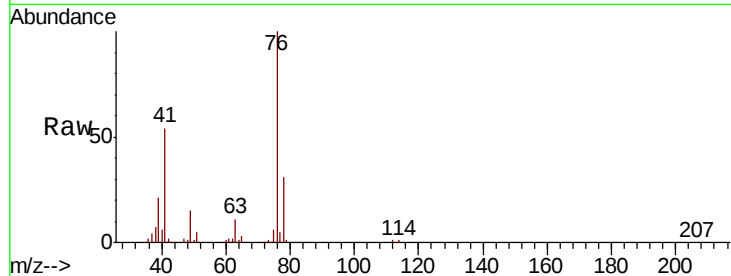
78 31.4 26.2 39.4

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#58

2-Chloroethyl Vinyl ether

Concen: 101.002 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006578.D

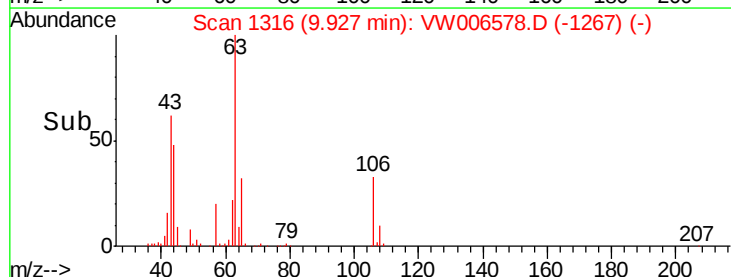
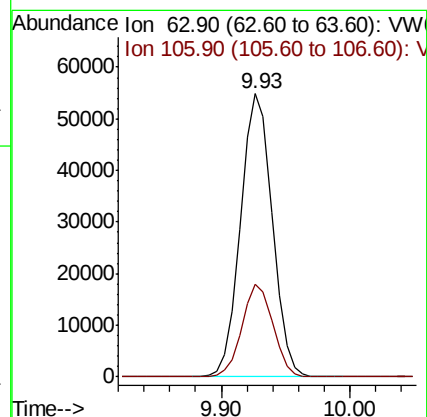
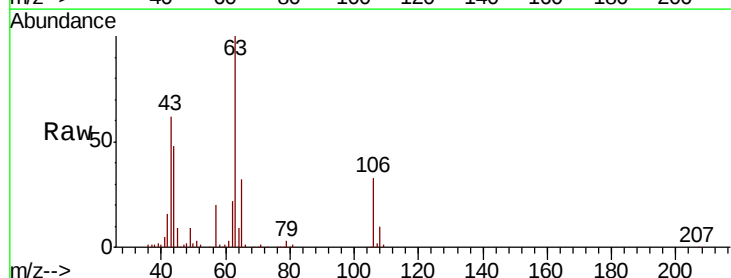
Acq: 02 Nov 2018 01:09

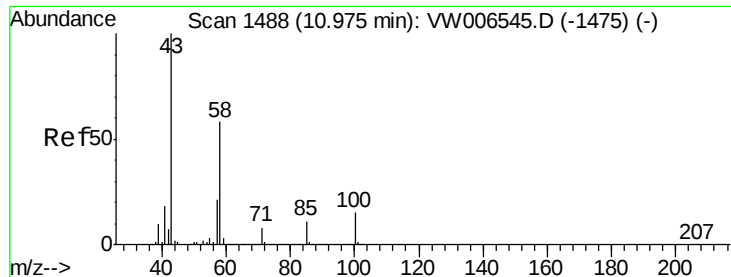
Tgt Ion: 63 Resp: 93275

Ion Ratio Lower Upper

63 100

106 32.0 25.4 38.2





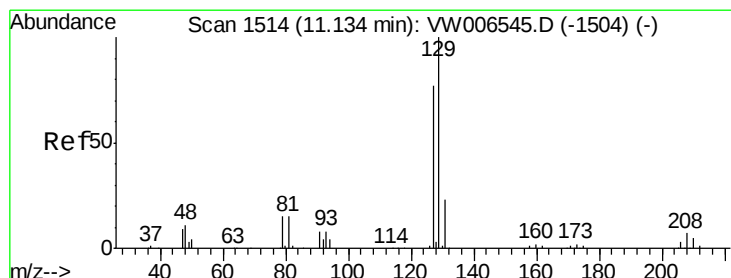
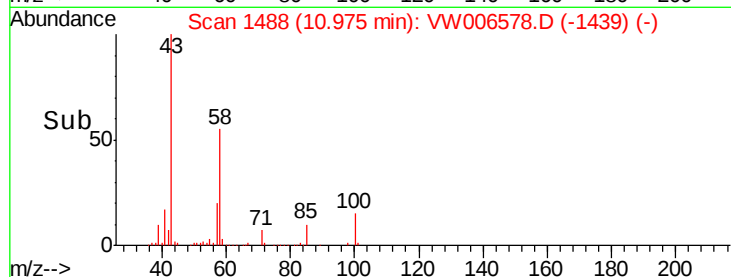
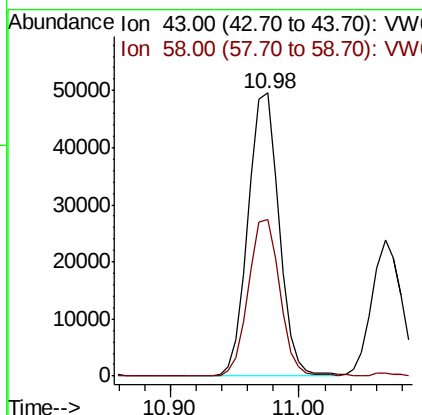
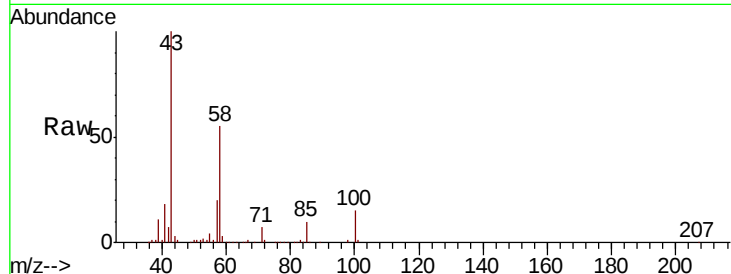
#59
2-Hexanone
Concen: 112.729 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	43	Resp	82440
Ion Ratio	100	Lower	Upper
43	100		
58	56.3	28.8	86.4

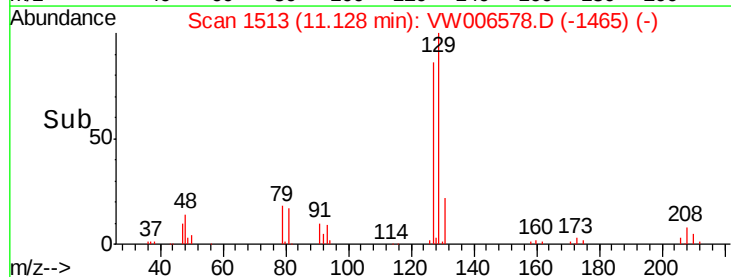
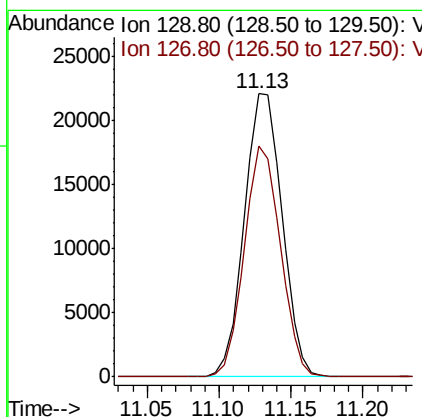
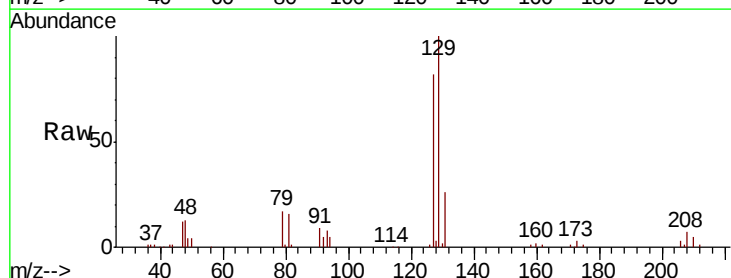
Manual Integrations
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#60
Dibromochloromethane
Concen: 20.289 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	129	Resp	40180	
Ion Ratio	129	100	Lower	Upper
129	100			
127	77.7	38.8	116.3	





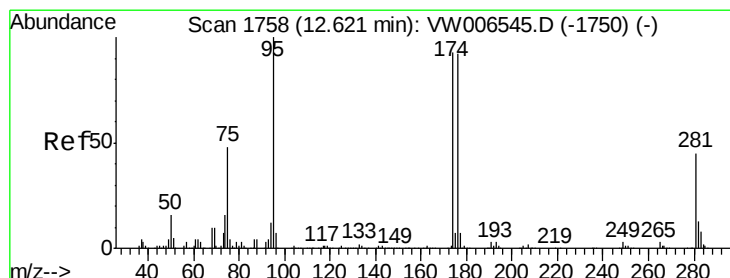
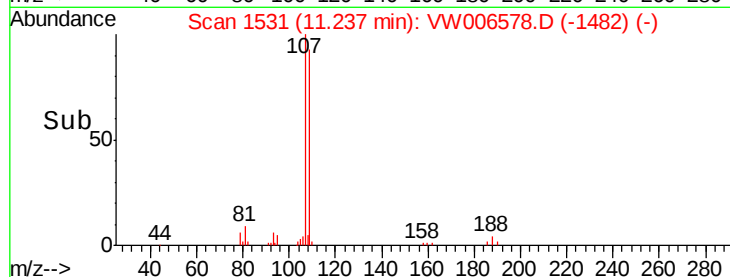
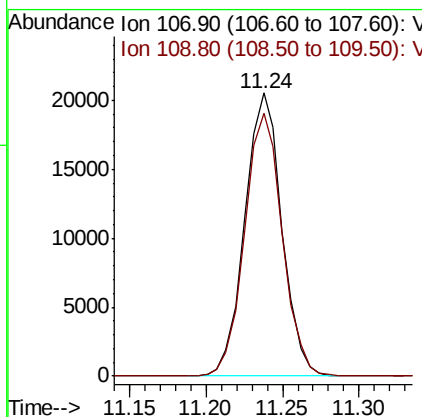
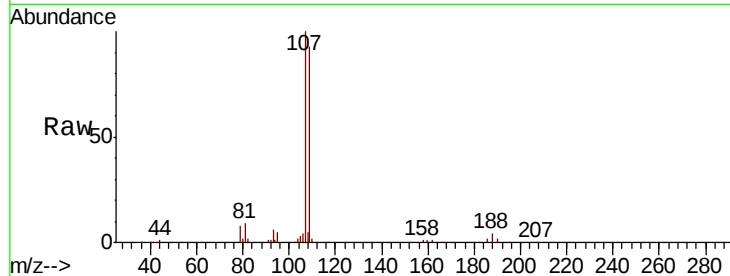
#61
 1,2-Dibromoethane
 Concen: 20.742 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.8	113.6

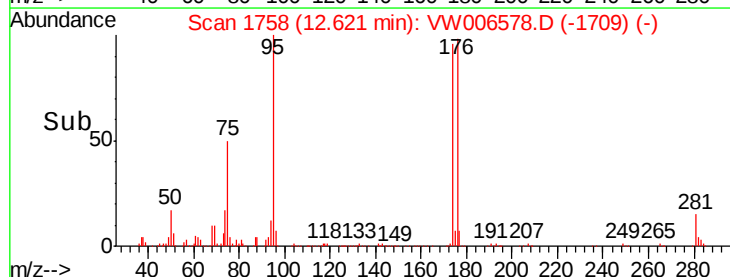
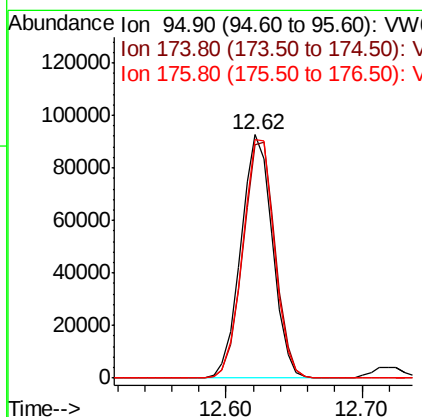
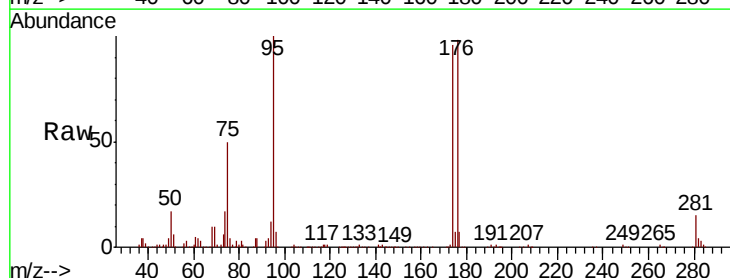
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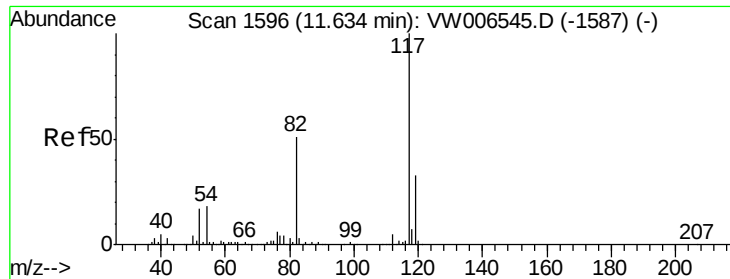
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.270 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	192.4
176	98.8	0.0	187.4





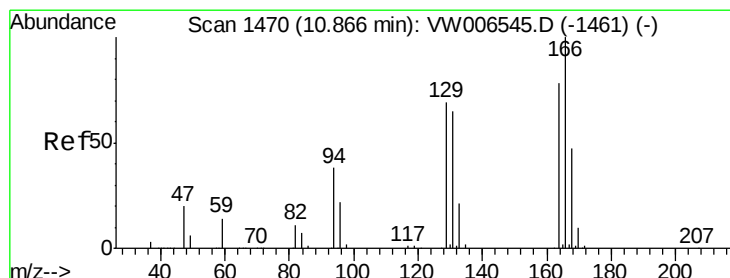
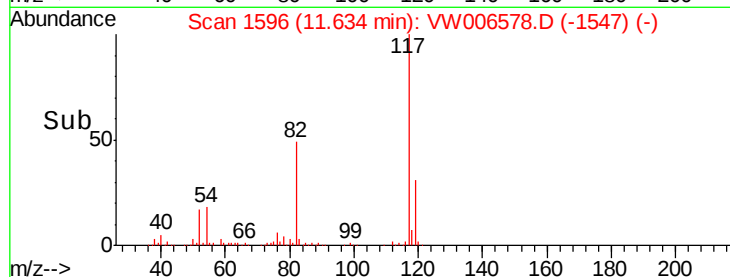
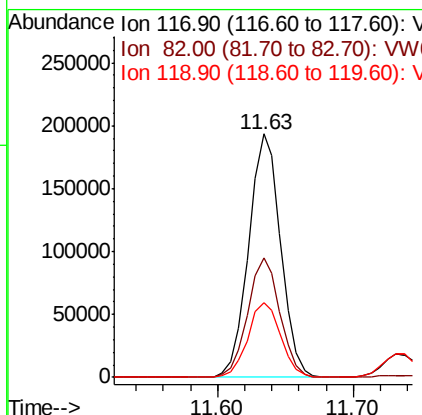
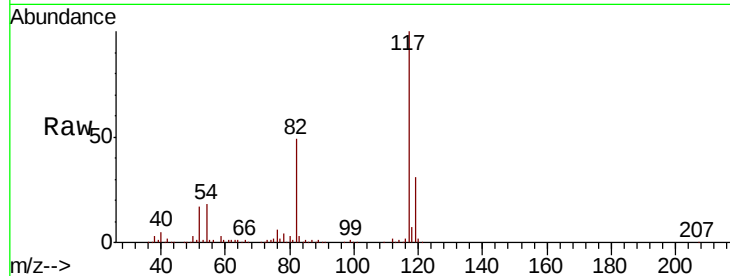
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.9	40.8	61.2
119	30.6	26.1	39.1

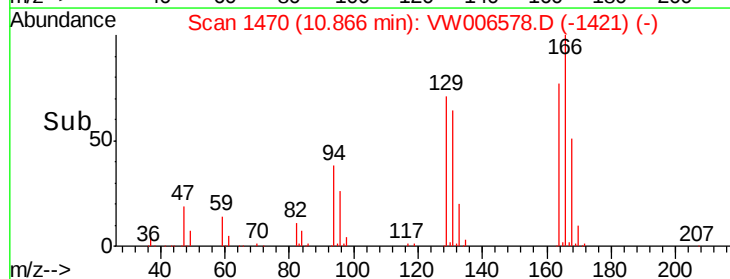
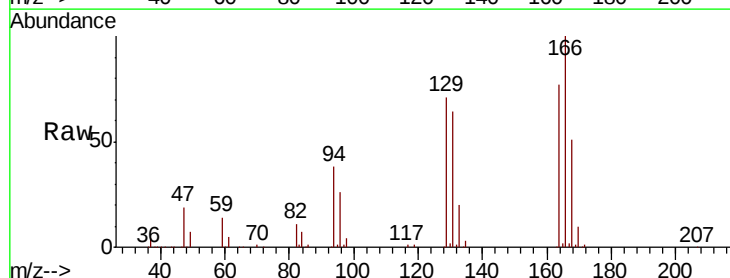
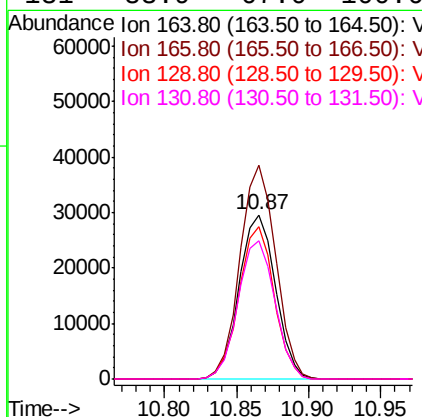
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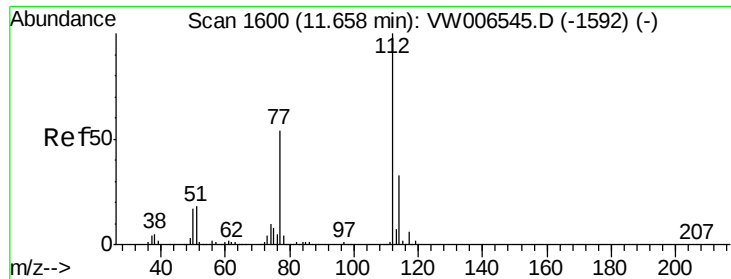
apatel
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#64
Tetrachloroethene
Concen: 20.428 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	102.8	154.2
129	92.5	70.9	106.3
131	83.9	67.0	100.6





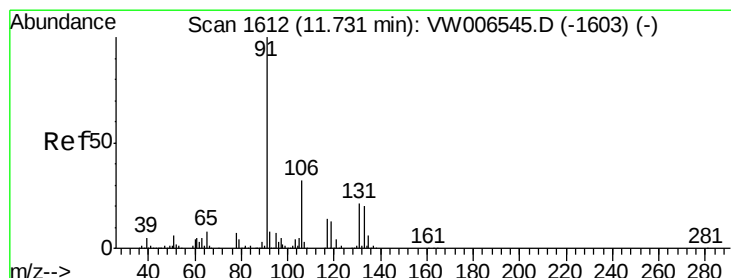
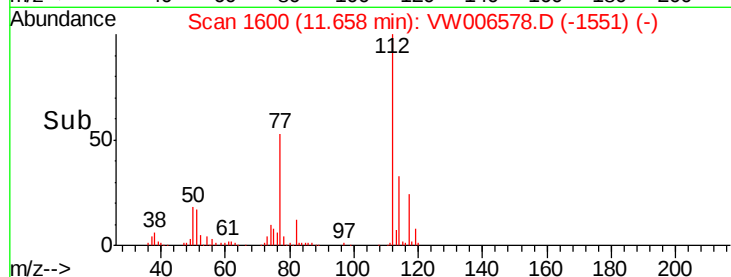
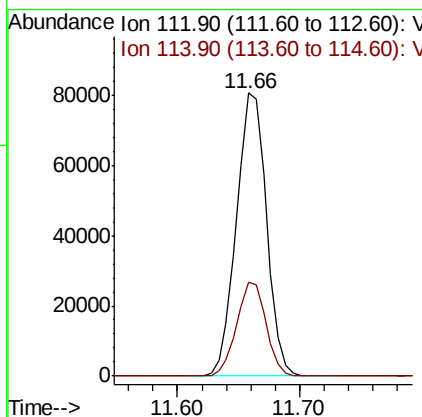
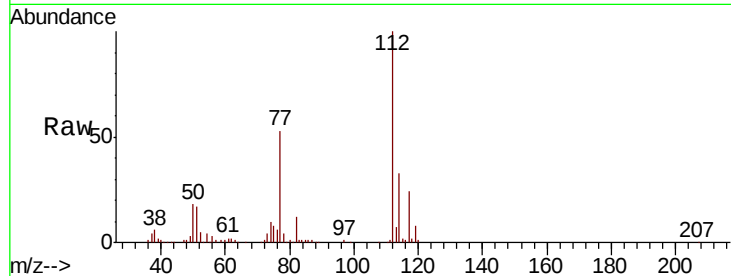
#65
Chlorobenzene
Concen: 20.486 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	26.2	39.2

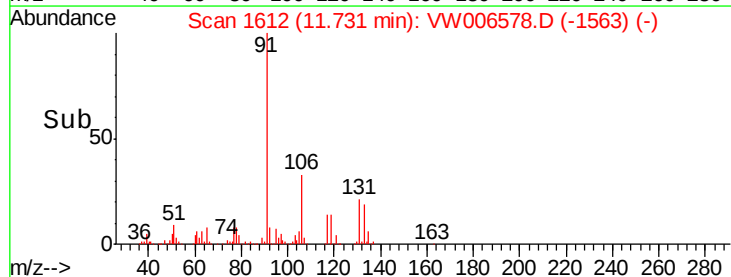
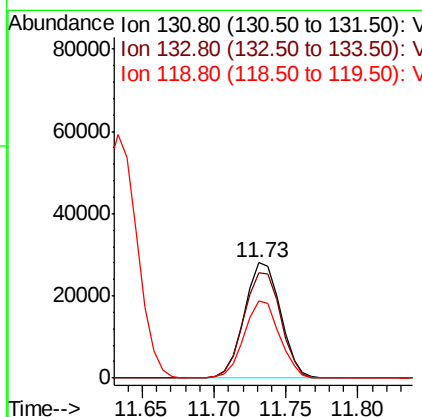
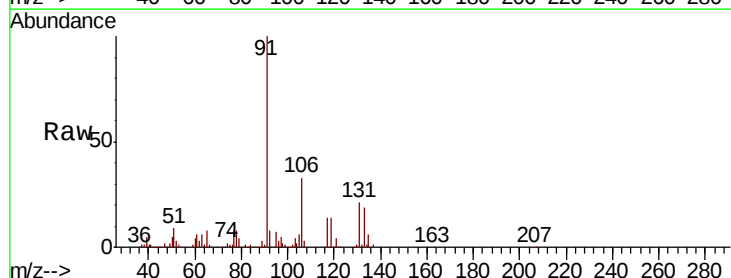
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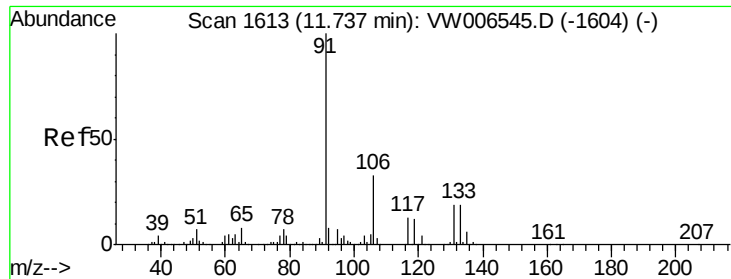
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.680 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.8	47.5	142.5
119	65.6	31.9	95.5





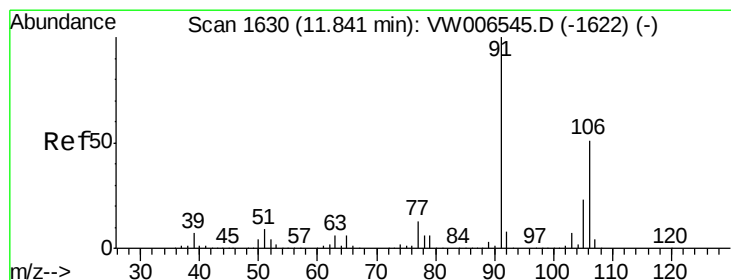
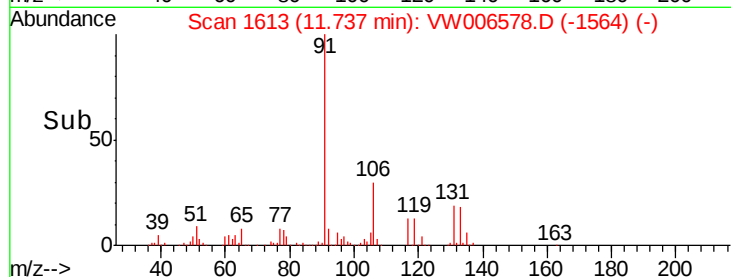
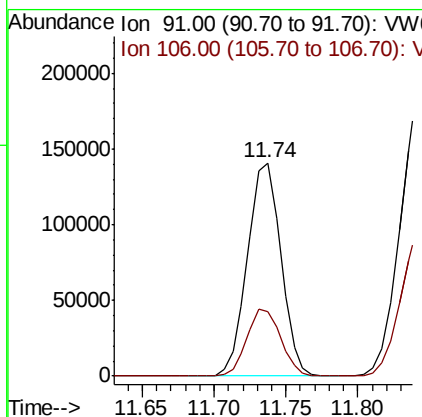
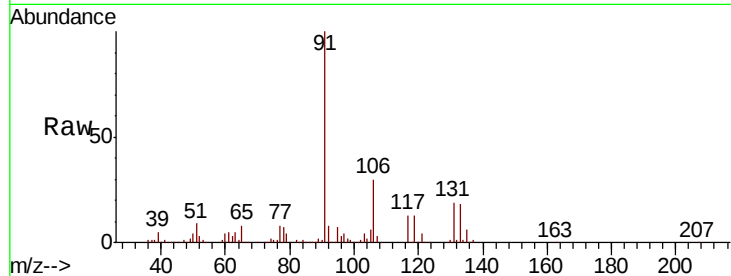
#67
Ethyl Benzene
Concen: 20.243 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion: 91 Resp: 226760
Ion Ratio Lower Upper
91 100
106 30.5 26.3 39.5

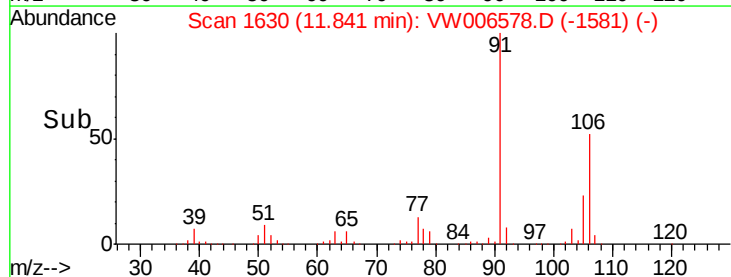
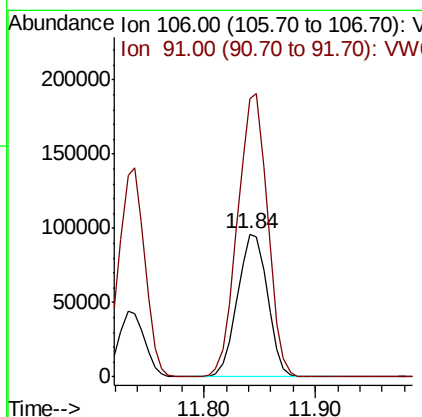
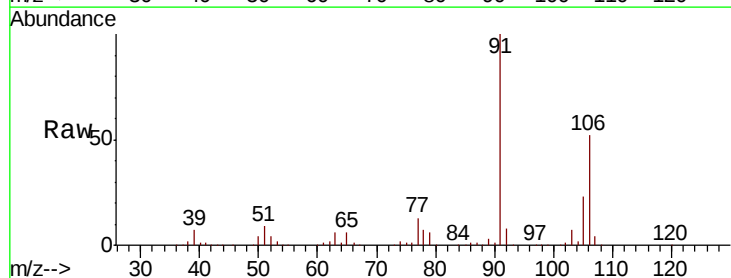
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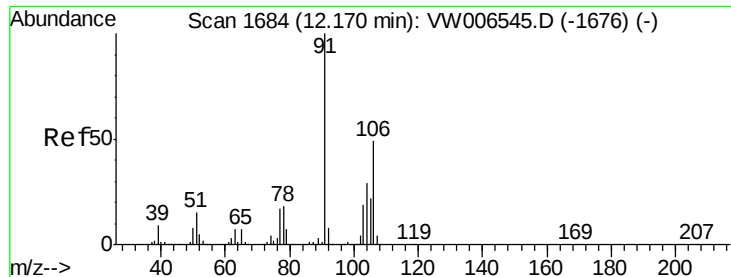
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#68
m/p-Xylenes
Concen: 40.330 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion: 106 Resp: 180497
Ion Ratio Lower Upper
106 100
91 197.7 156.7 235.1





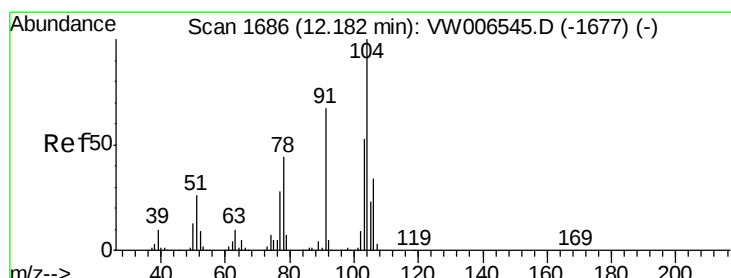
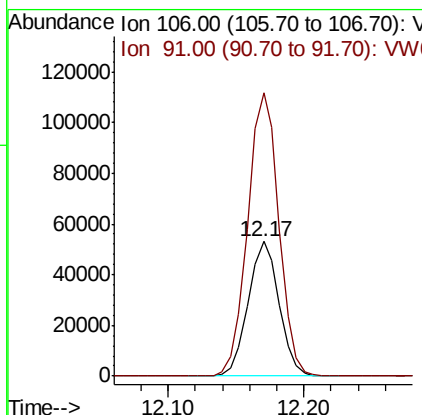
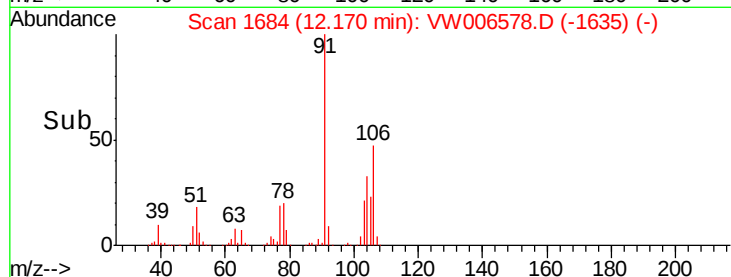
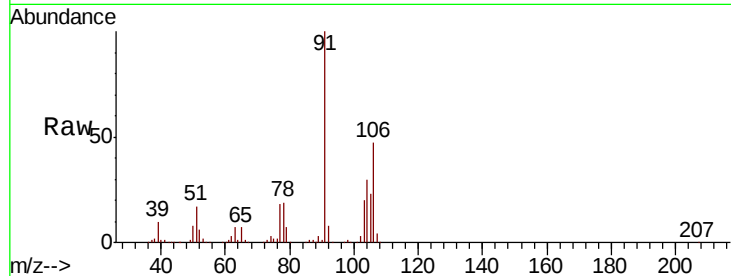
#69
o-Xylene
Concen: 19.933 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBSD01

Tot Ion:106 Resp: 84931
Ion Ratio Lower Upper
106 100
91 210.8 102.8 308.4

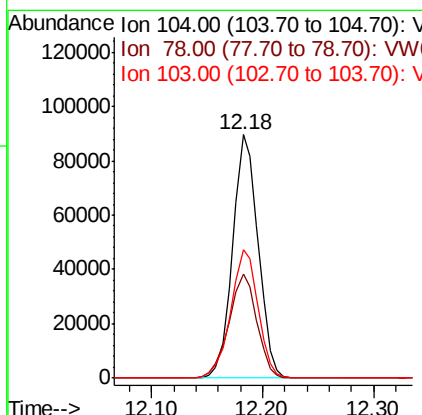
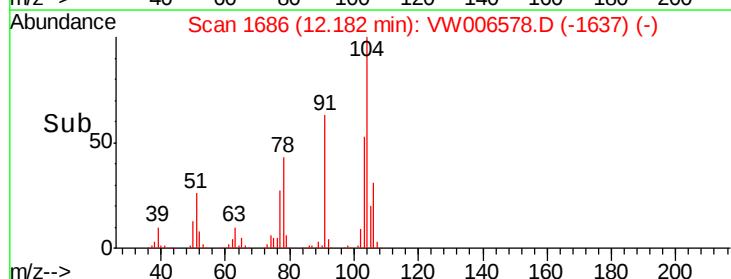
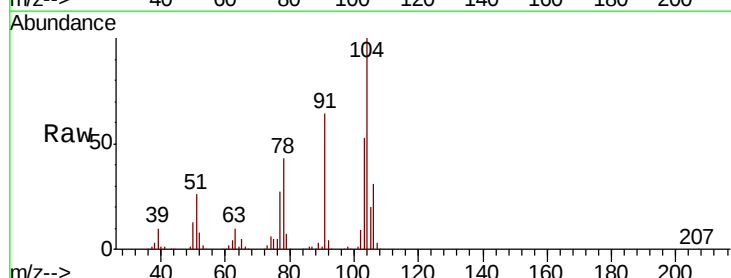
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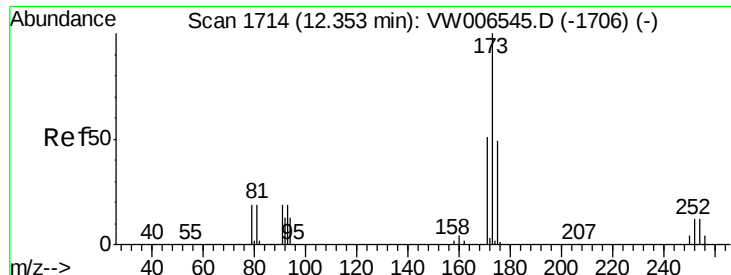
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#70
Styrene
Concen: 20.410 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion:104 Resp: 141779
Ion Ratio Lower Upper
104 100
78 46.9 37.2 55.8
103 56.4 44.2 66.2





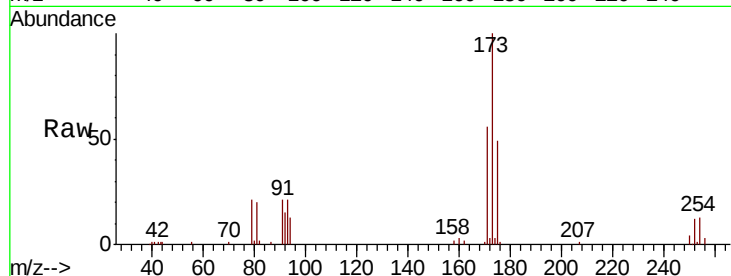
#71
Bromoform
Concen: 20.113 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.4
254	0.0	0.1	0.1#

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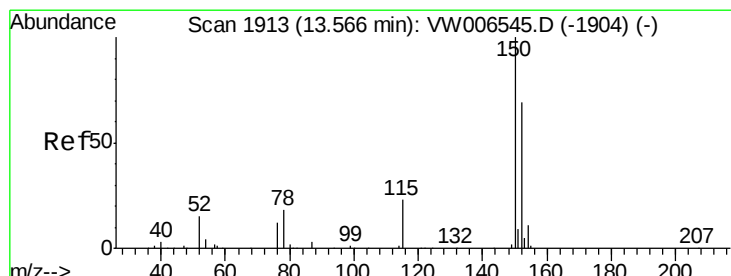
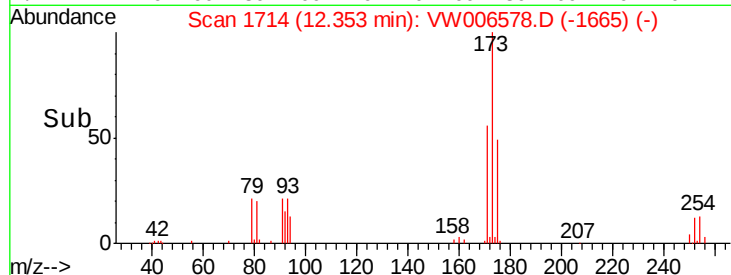
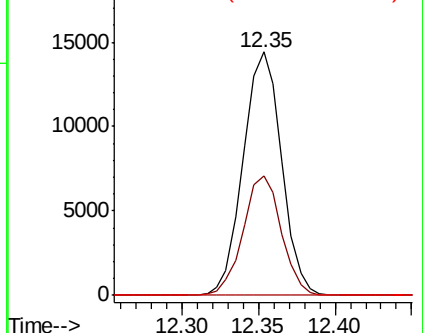


Abundance

Ion 172.70 (172.40 to 173.40): V

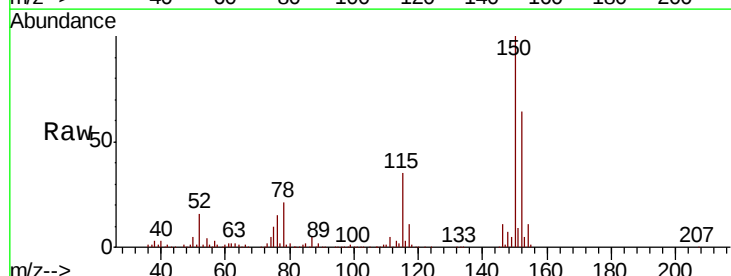
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.6	79.8
150	160.2	0.0	344.6

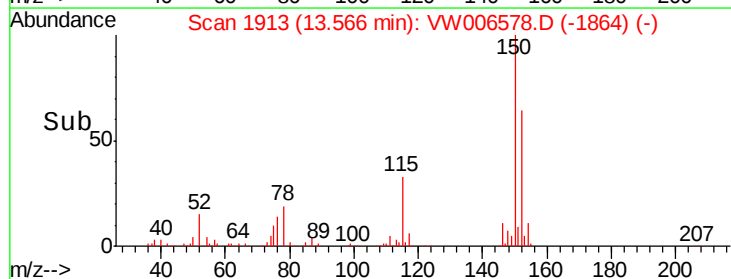
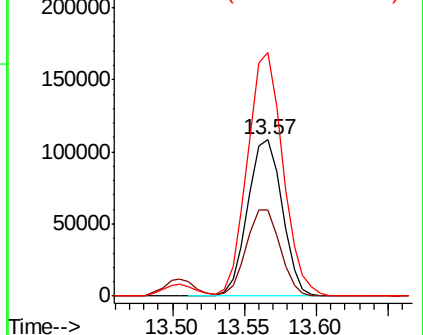


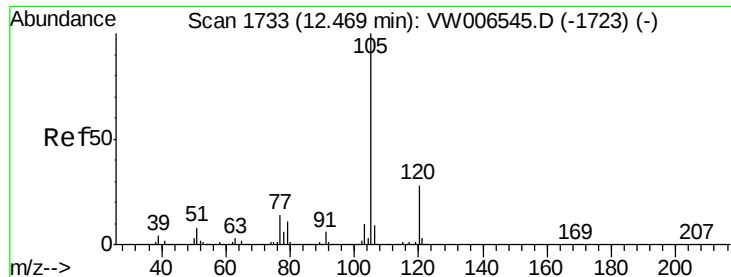
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





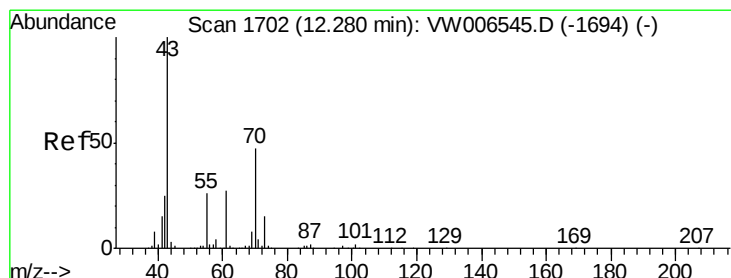
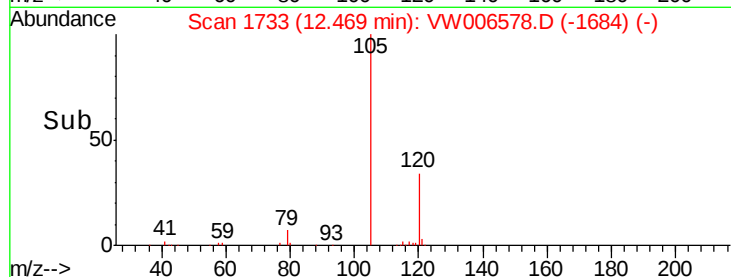
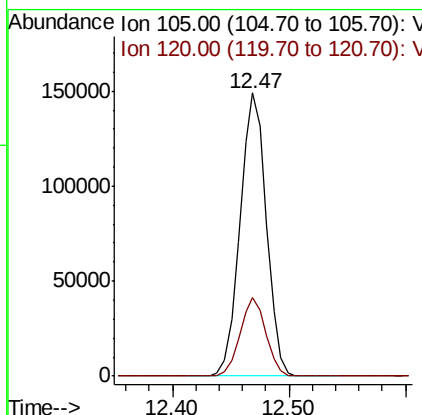
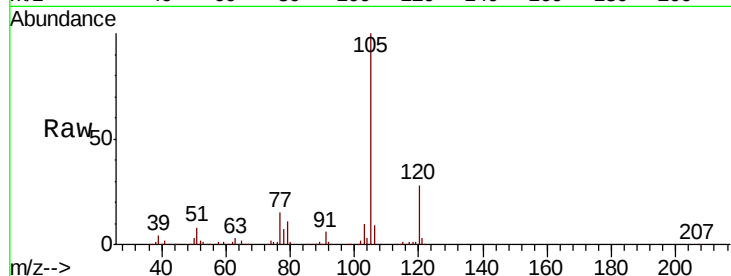
#73
Isopropylbenzene
Concen: 19.804 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.7	41.1

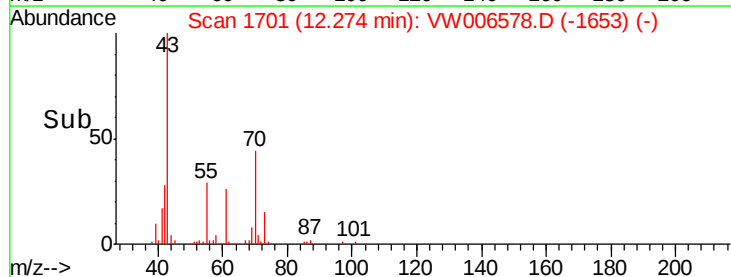
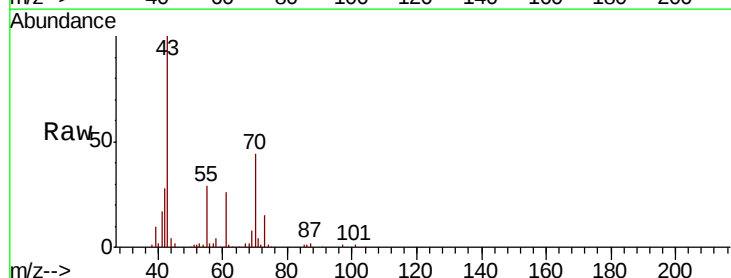
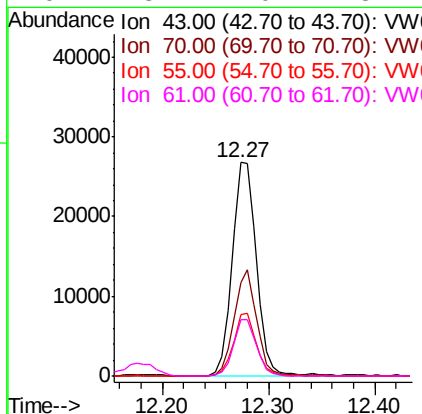
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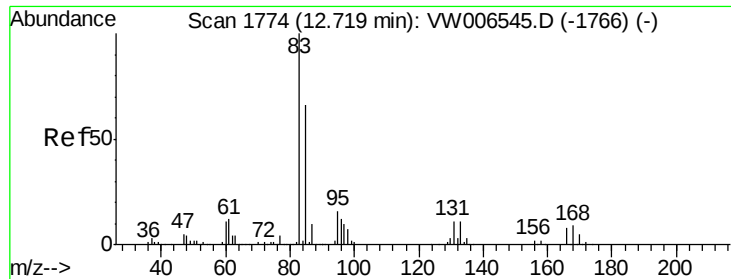
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#74
N-ethyl acetate
Concen: 21.018 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.2	36.9	55.3
55	28.0	20.7	31.1
61	25.1	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.318 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

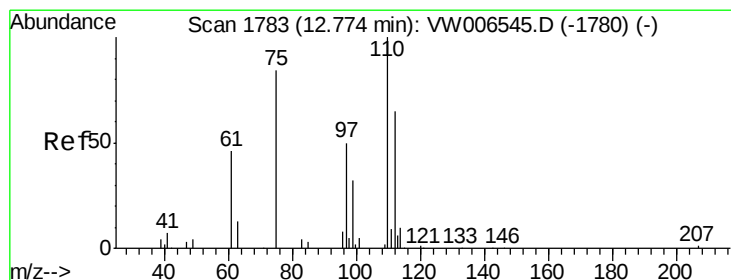
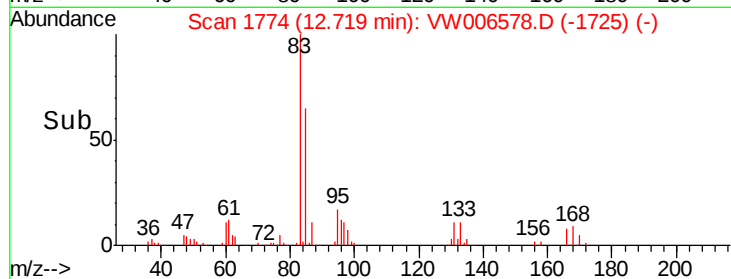
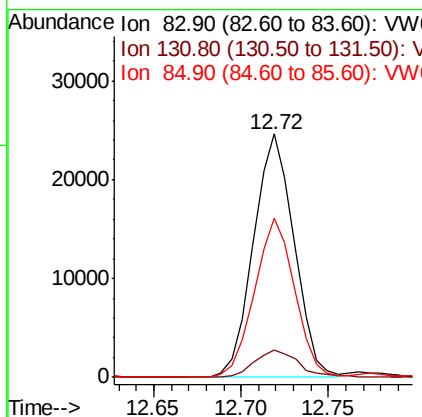
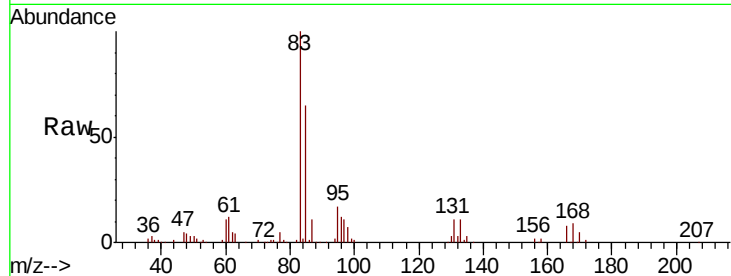
ClientSampleId :

VW110318SBS01

Tot Ion:	83	Resp:	39829
Ion	Ratio	Lower	Upper
83	100		
131	12.3	5.9	17.7
85	64.6	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.684 ug/l m

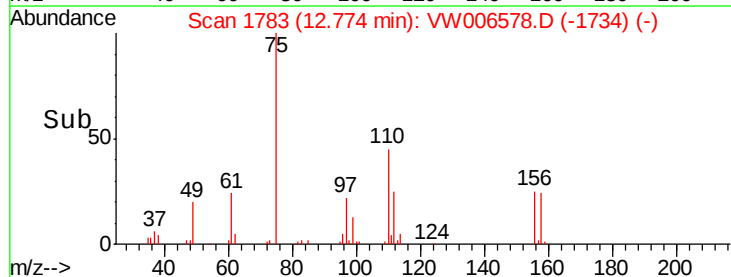
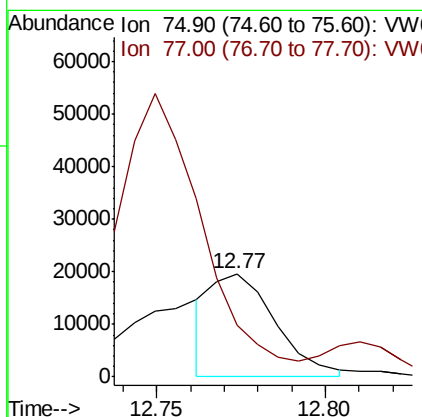
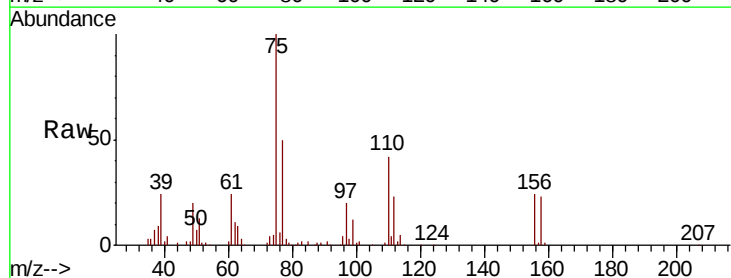
RT: 12.77 min Scan# 1783

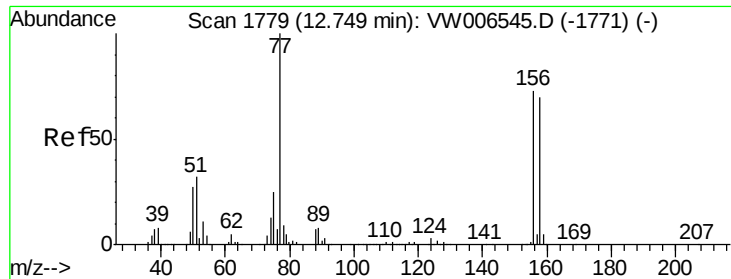
Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Tgt Ion:	75	Resp:	26177
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.692 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Instrument :

MSVOA_W

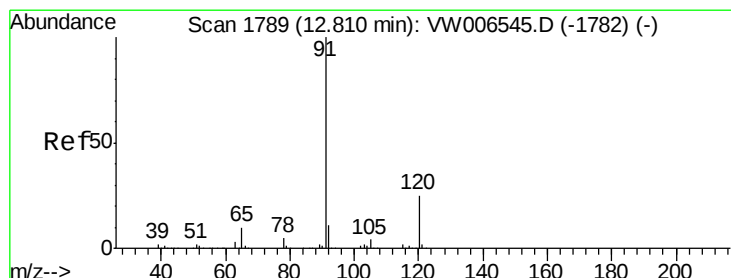
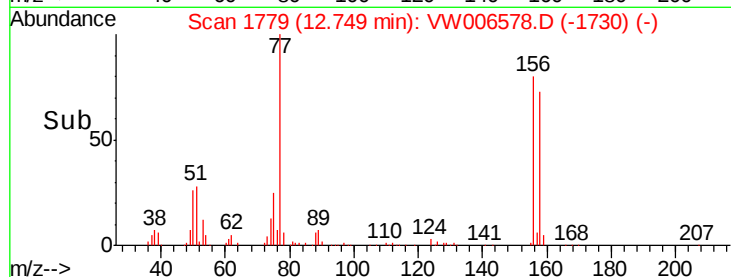
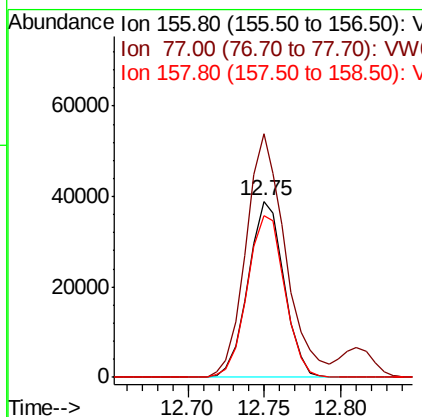
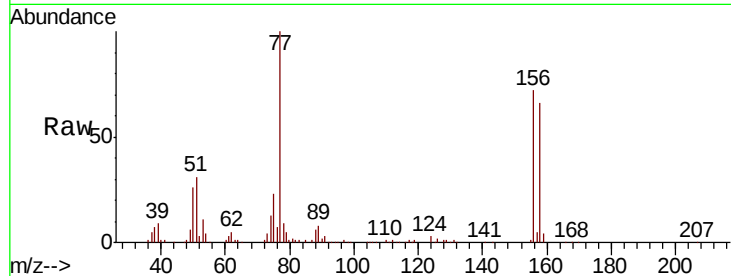
ClientSampleId :

VW110318SBS01

Tot Ion:	156	Resp:	63372
Ion Ratio	Lower	Upper	
156	100		
77	152.4	75.9	227.8
158	95.9	48.6	145.9

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#78

n-propylbenzene

Concen: 20.529 ug/l

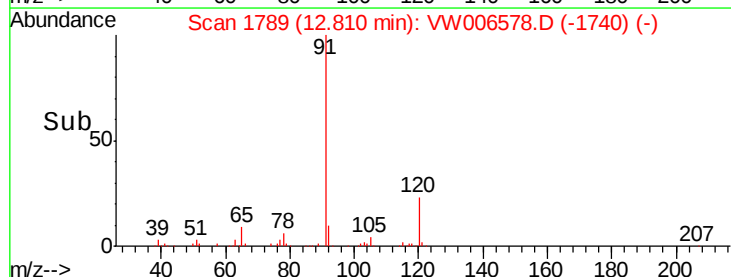
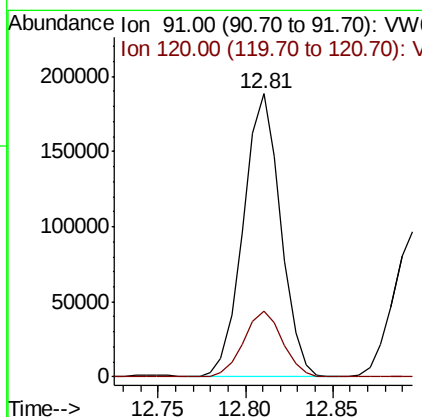
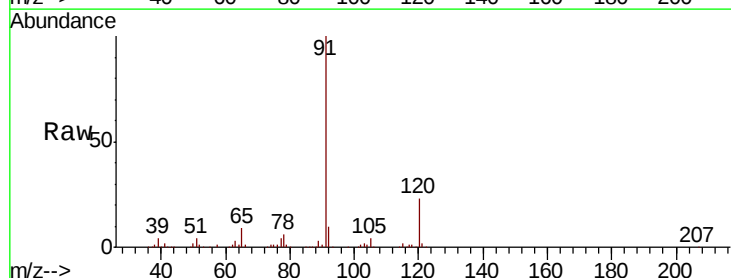
RT: 12.81 min Scan# 1789

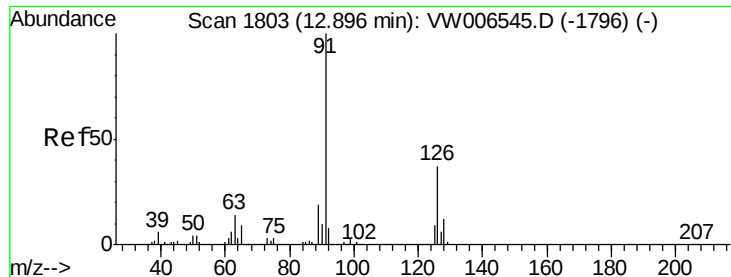
Delta R.T. -0.00 min

Lab File: VW006578.D

Acq: 02 Nov 2018 01:09

Tgt Ion:	91	Resp:	279322
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.4	37.0





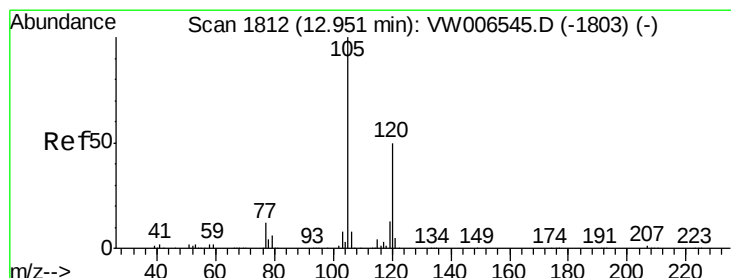
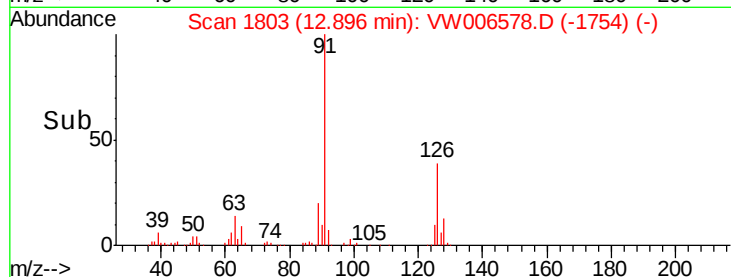
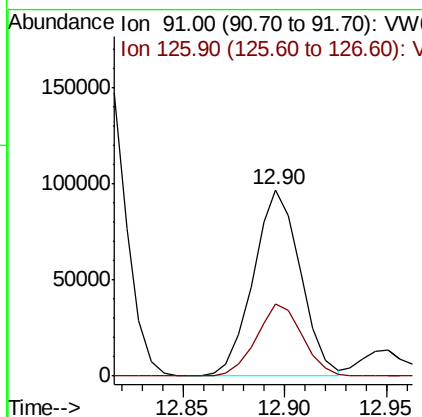
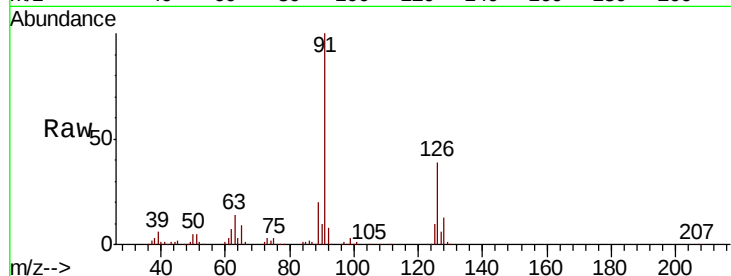
#79
 2-Chlorotoluene
 Concen: 19.896 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Instrument :
 MSVOA_W
 ClientSampleID :
 VW110318SBSD01

Tot Ion: 91 Resp: 155360
 Ion Ratio Lower Upper
 91 100
 126 37.9 18.5 55.5

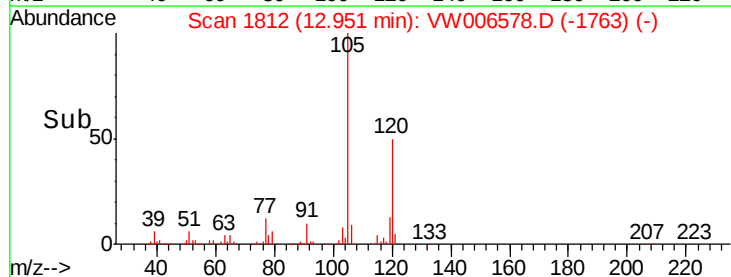
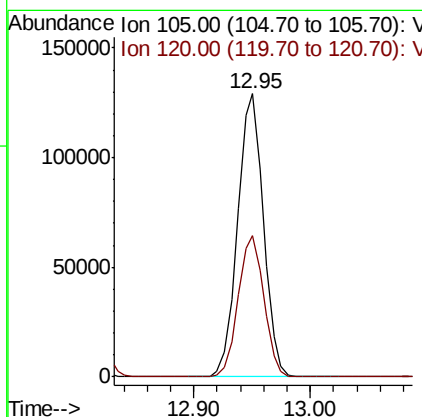
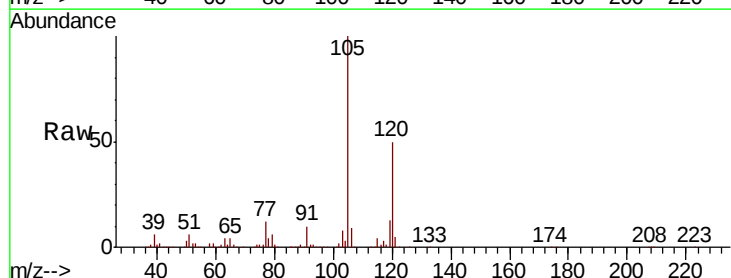
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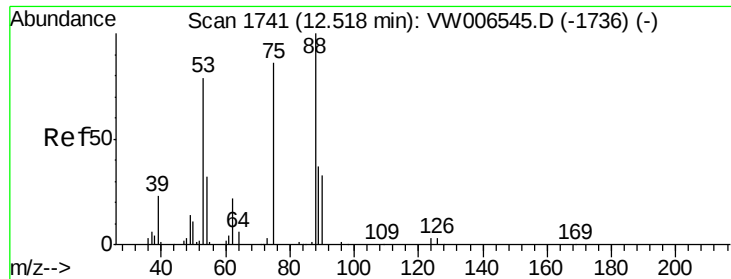
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.026 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion: 105 Resp: 199017
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.1 75.3





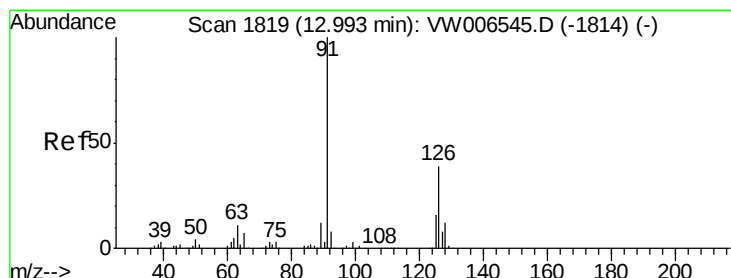
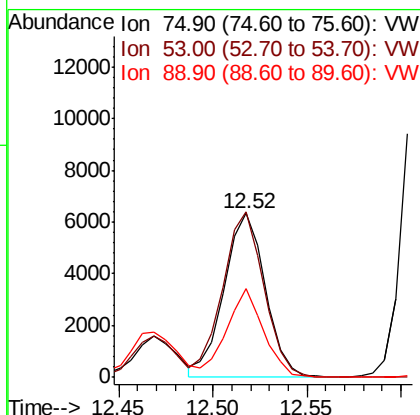
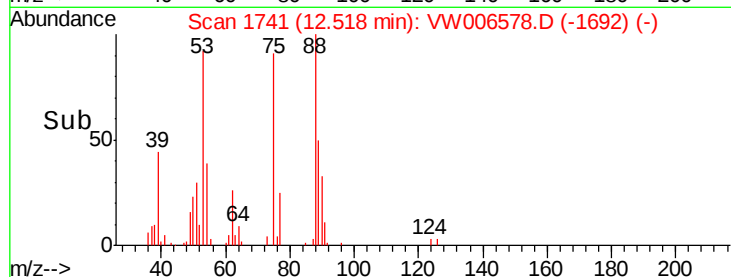
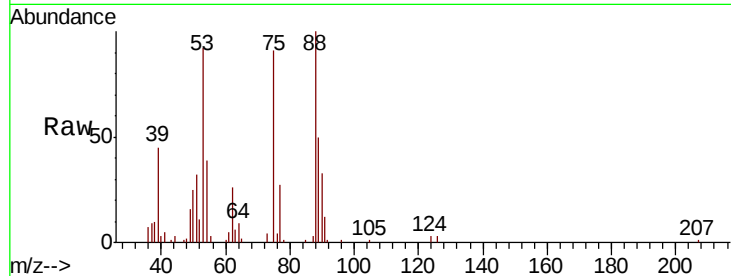
#81
trans-1,4-Dichloro-2-butene
Concen: 19.497 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.3	77.2	115.8
89	48.5	38.6	58.0

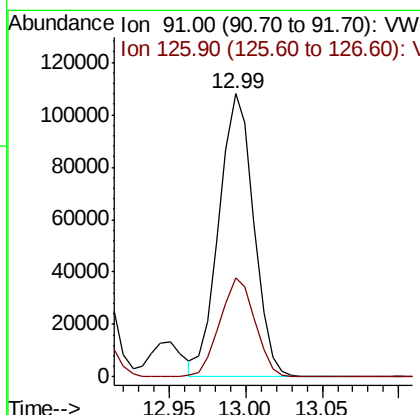
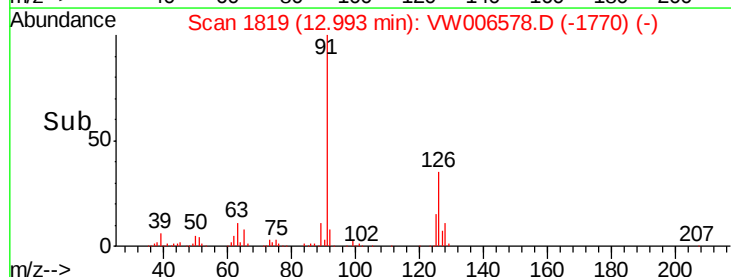
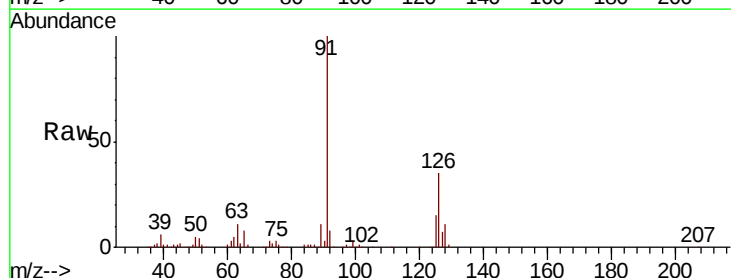
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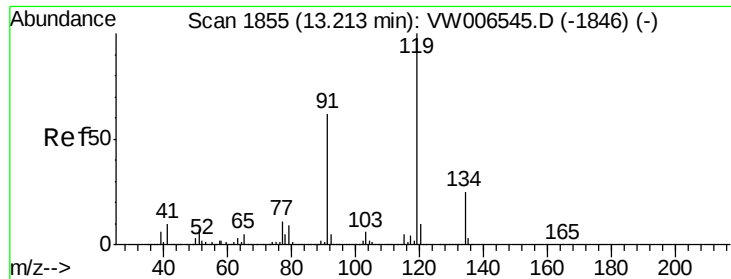
apatel
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#82
4-Chlorotoluene
Concen: 20.643 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	18.5	55.5





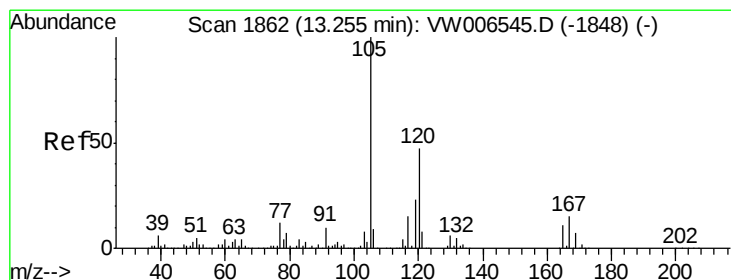
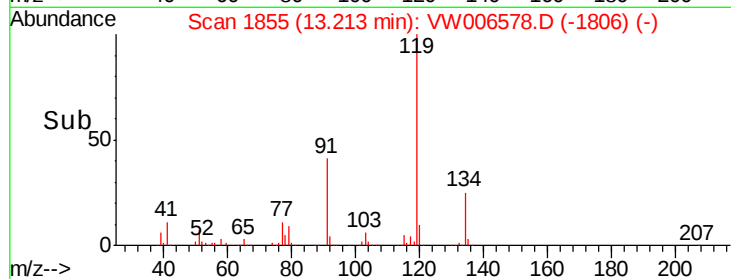
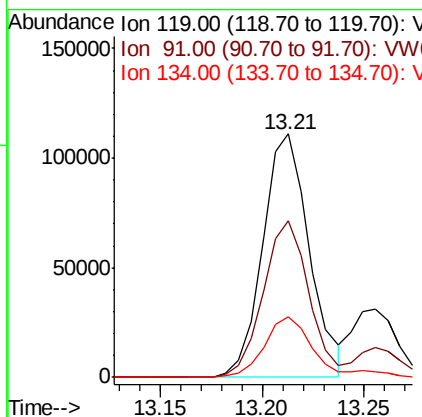
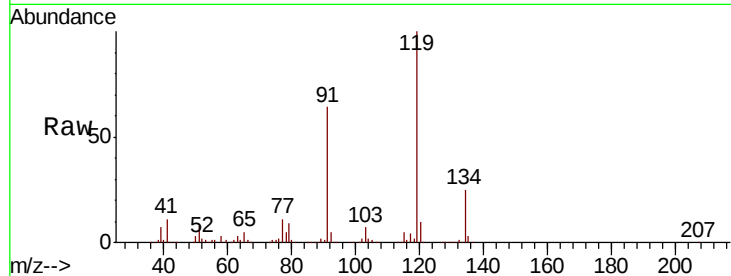
#83
tert-Butylbenzene
Concen: 19.917 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.7	30.4	91.3
134	26.6	13.5	40.4

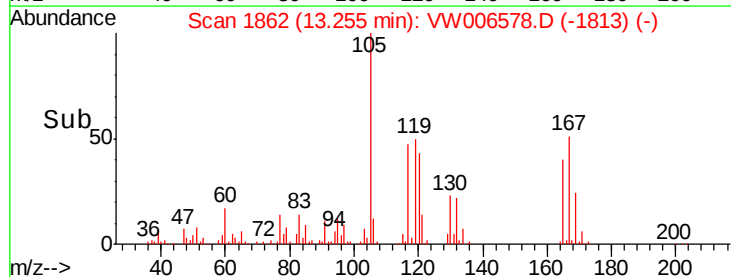
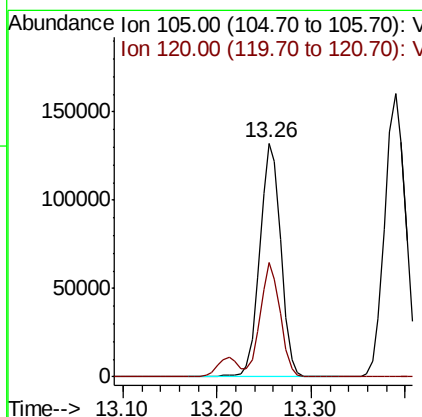
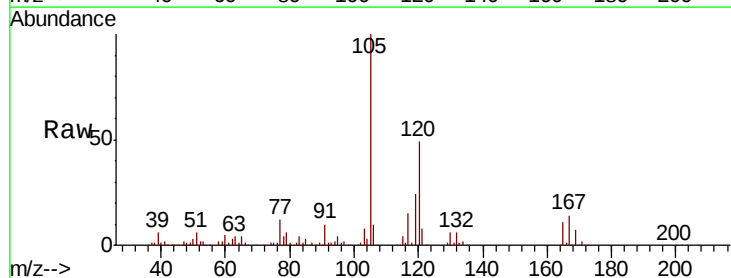
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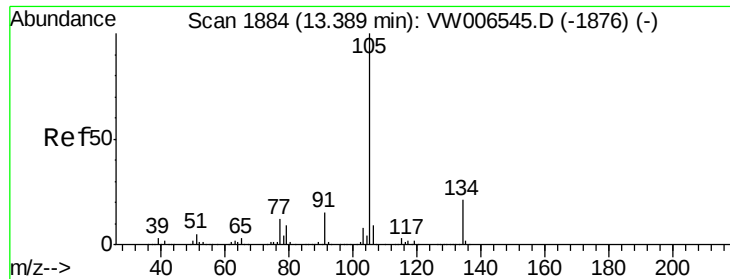
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#84
1,2,4-Trimethylbenzene
Concen: 20.495 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.2	69.6





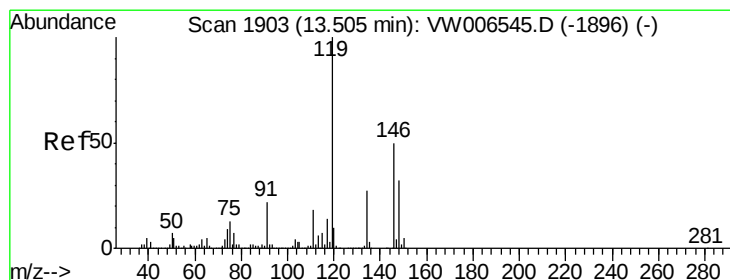
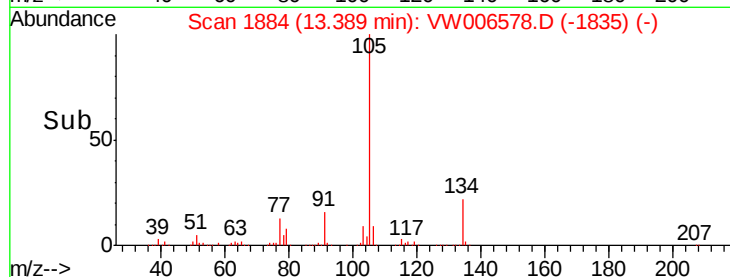
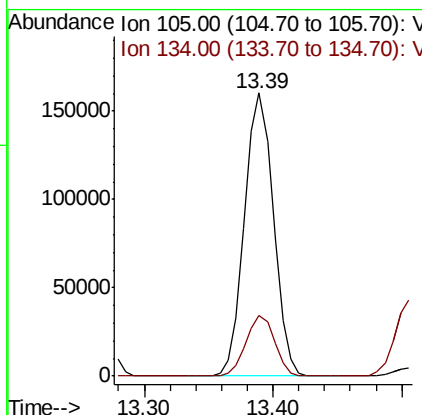
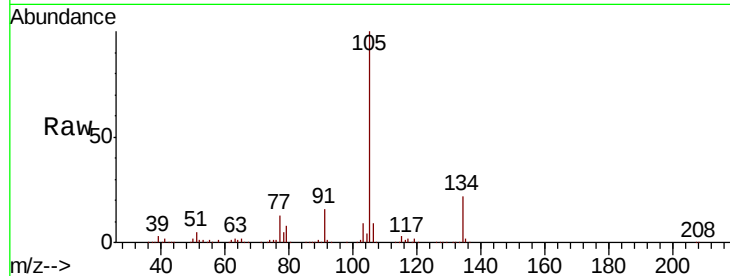
#85
 sec-Butylbenzene
 Concen: 20.018 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.6	31.8

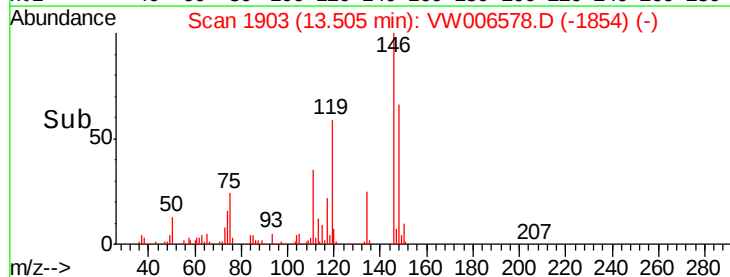
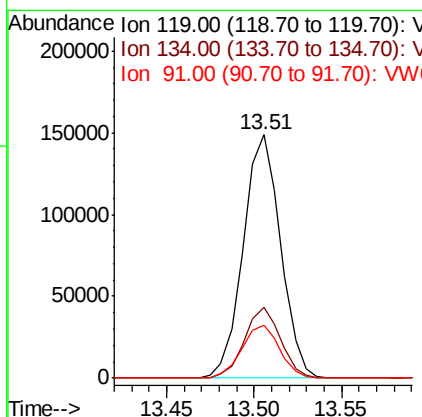
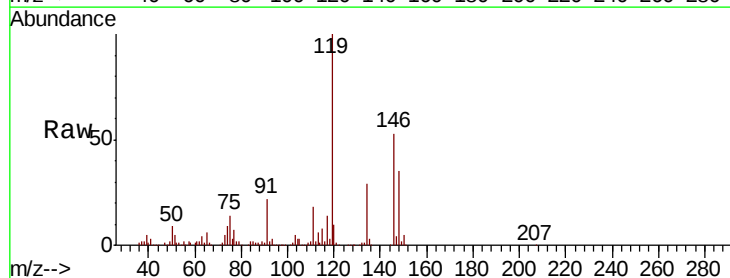
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#86
 p-Isopropyltoluene
 Concen: 19.515 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.6	40.7
91	22.0	10.9	32.6





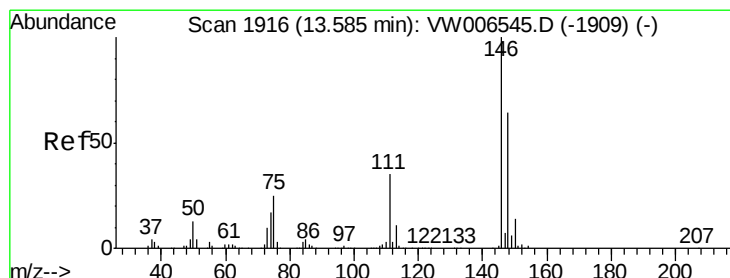
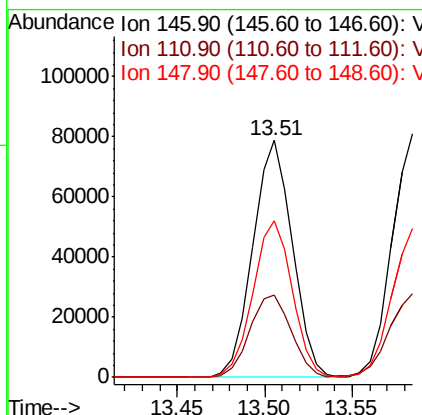
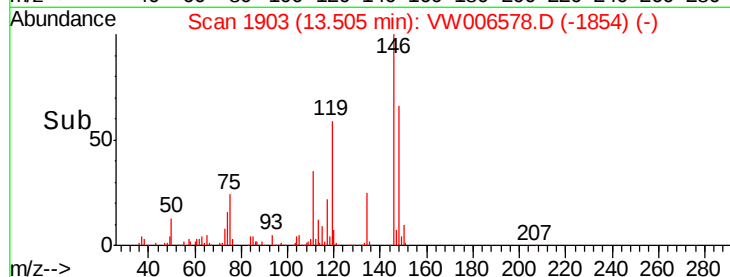
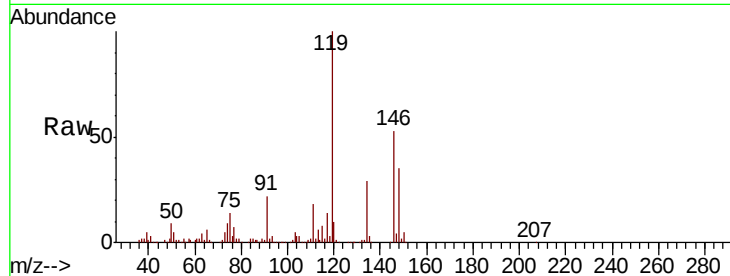
#87
 1,3-Dichlorobenzene
 Concen: 20.488 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Instrument :
 MSVOA_W
 ClientSampleID :
 VW110318SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.6
148	65.6	32.1	96.3

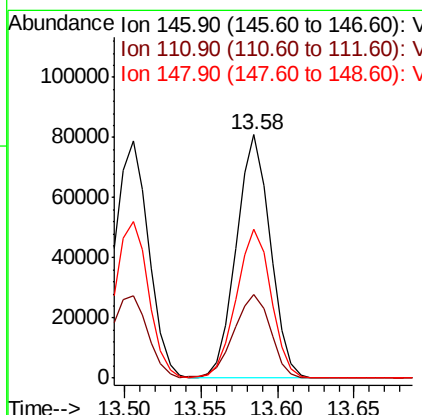
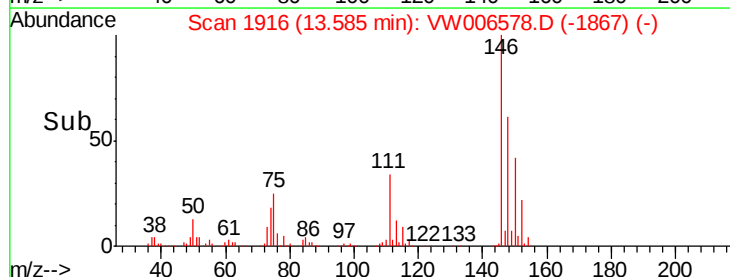
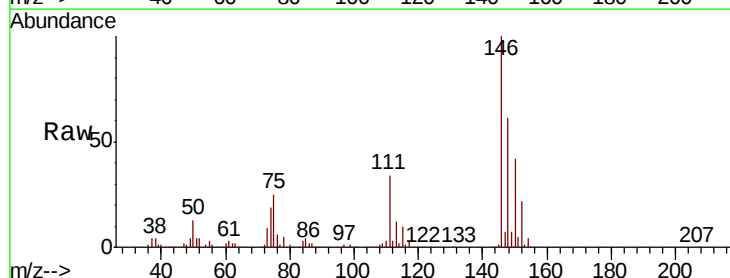
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#88
 1,4-Dichlorobenzene
 Concen: 20.875 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	17.9	53.7
148	62.7	32.1	96.5





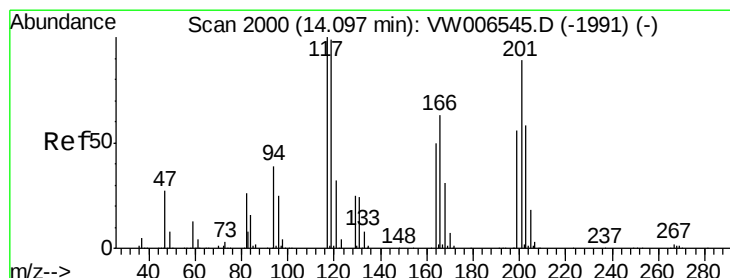
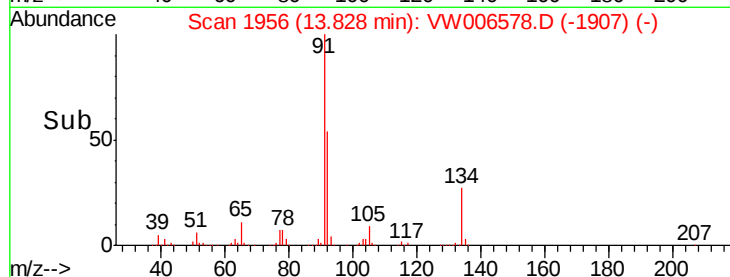
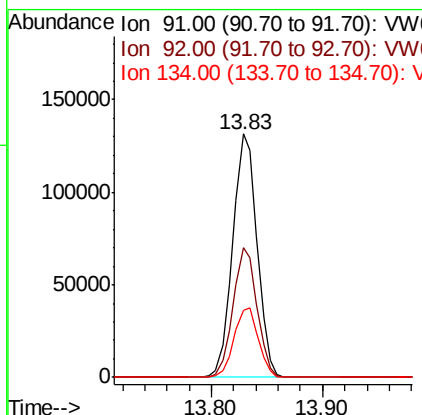
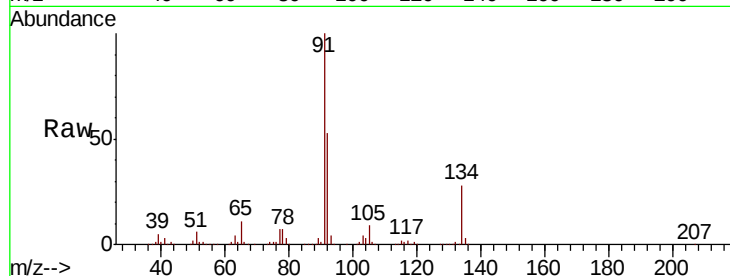
#89
n-Butylbenzene
Concen: 19.805 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.0
134	28.5	14.3	42.9

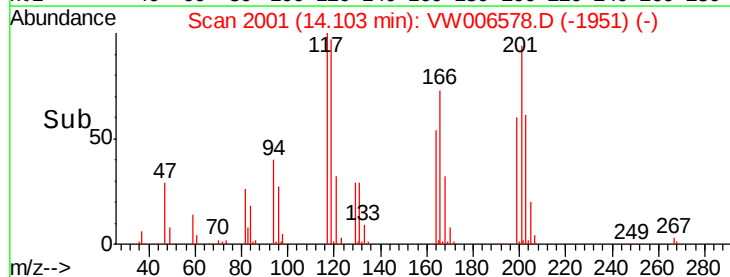
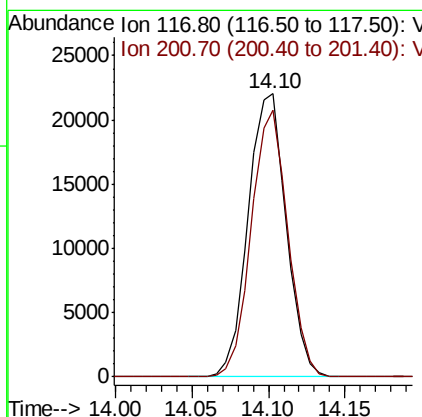
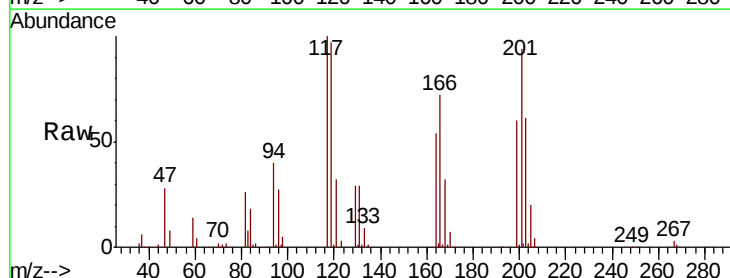
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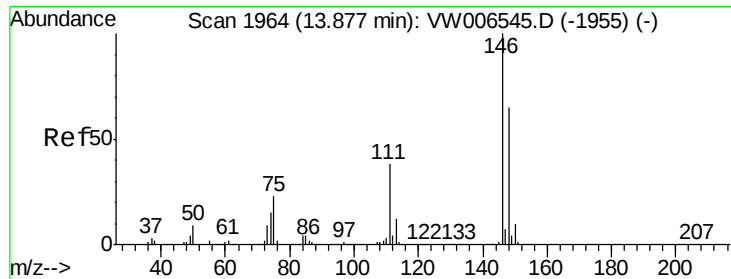
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#90
Hexachloroethane
Concen: 20.530 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.3	46.8	140.3





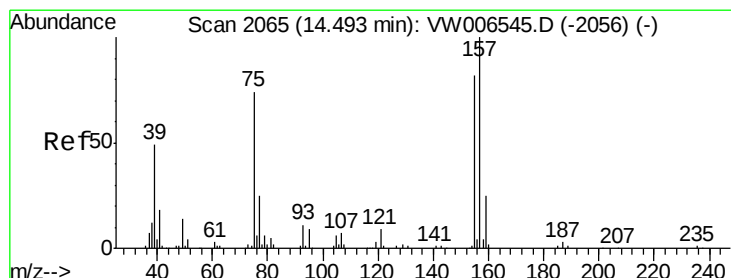
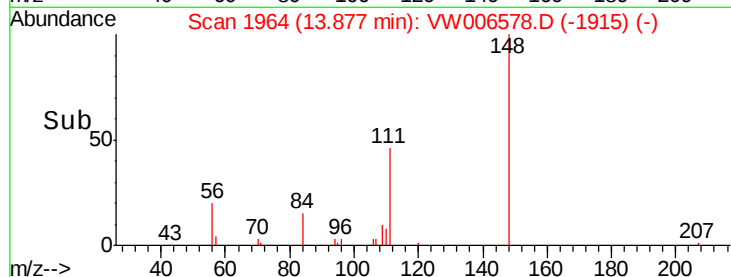
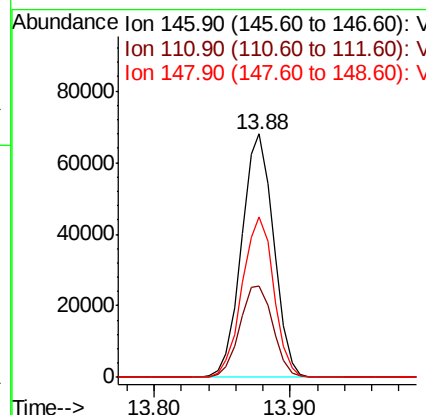
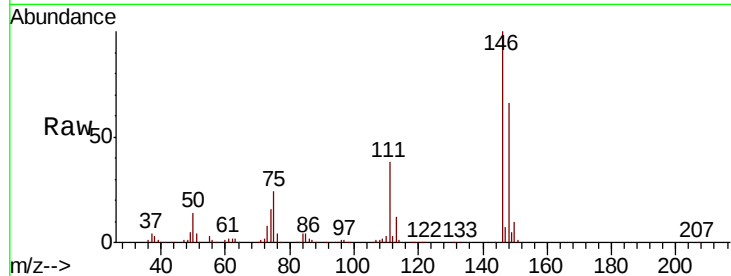
#91
 1,2-Dichlorobenzene
 Concen: 20.624 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.5
148	65.0	32.0	96.0

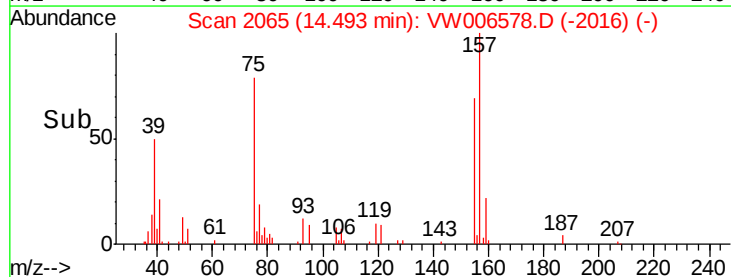
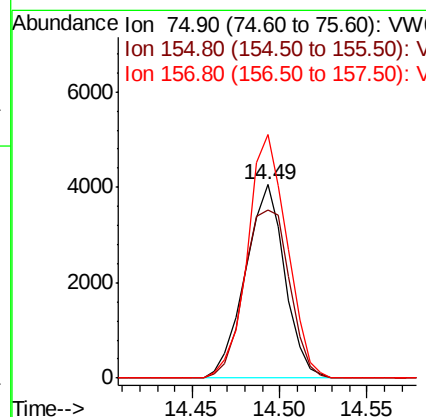
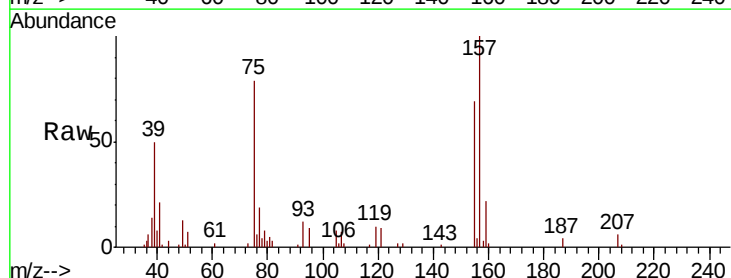
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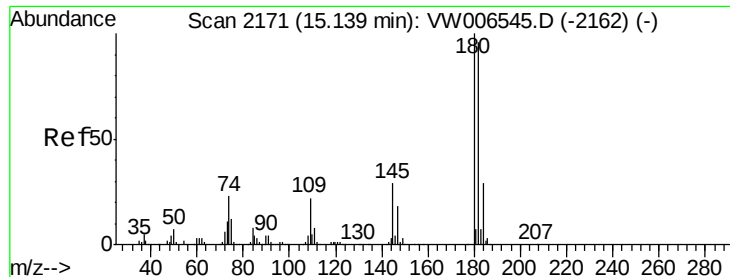
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.032 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.0	50.6	151.8
157	125.4	65.0	195.0





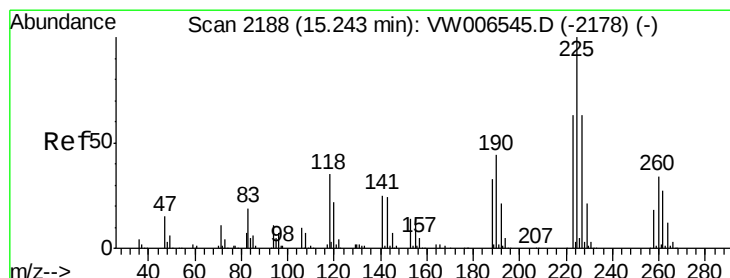
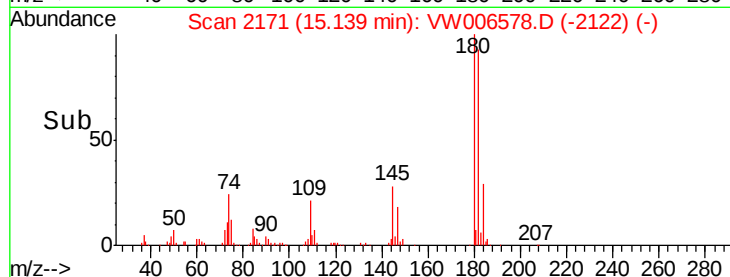
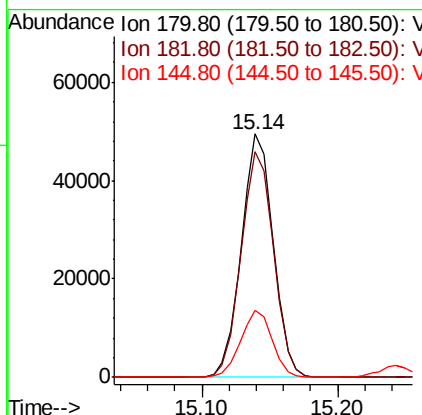
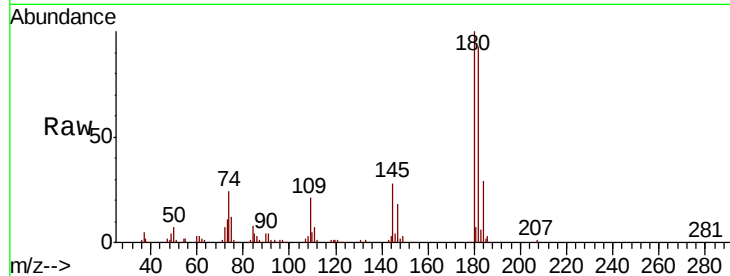
#93
 1,2,4-Trichlorobenzene
 Concen: 20.085 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	47.5	142.6	
145	27.3	14.0	42.0	

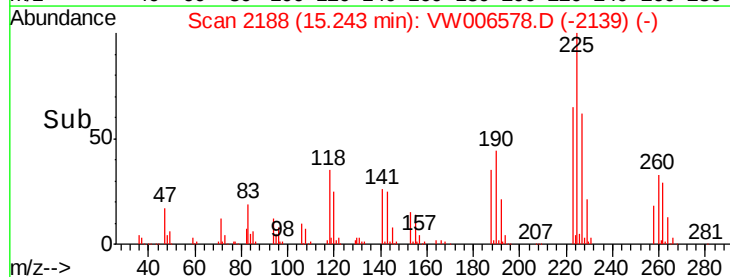
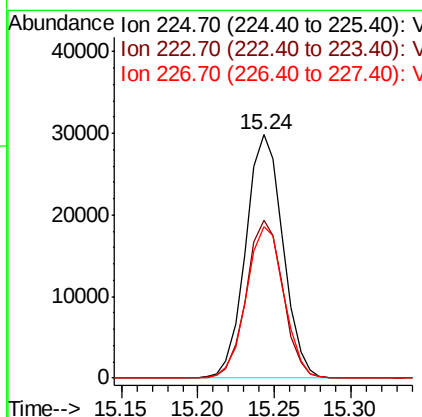
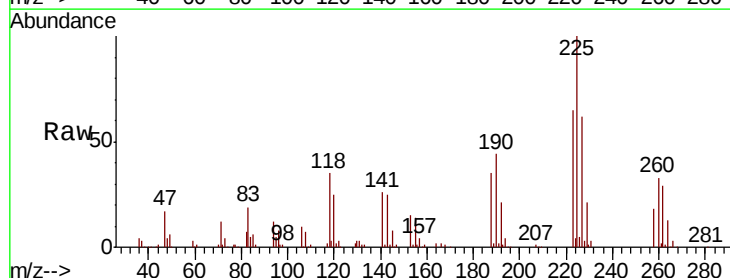
Manual Integrations
 APPROVED

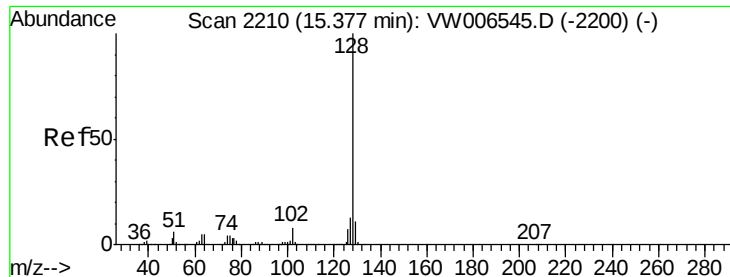
apatel
 11/2/2018 1:01:35 PM



#94
 Hexachlorobutadiene
 Concen: 20.062 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006578.D
 Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	31.4	94.2	
227	62.8	32.2	96.6	





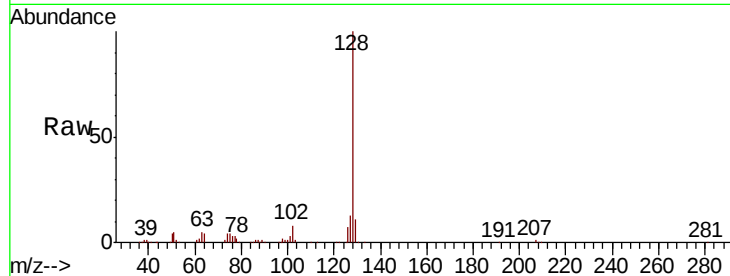
#95
Naphthalene
Concen: 20.382 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
11/2/2018 1:01:35 PM

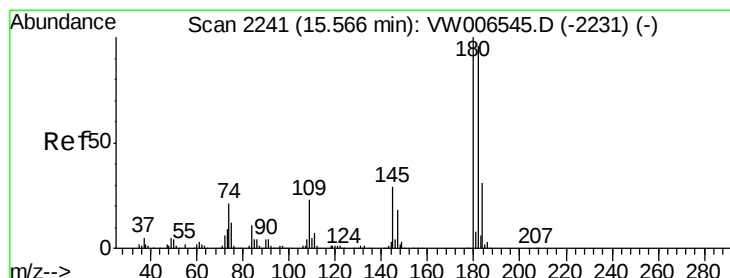
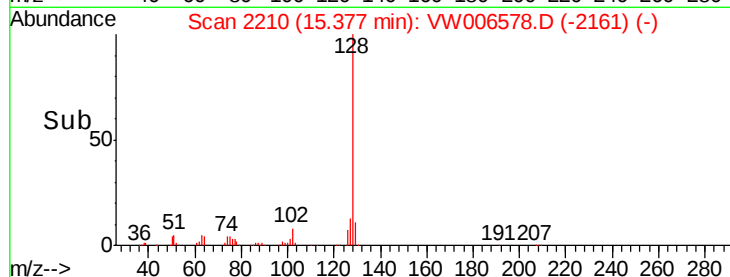
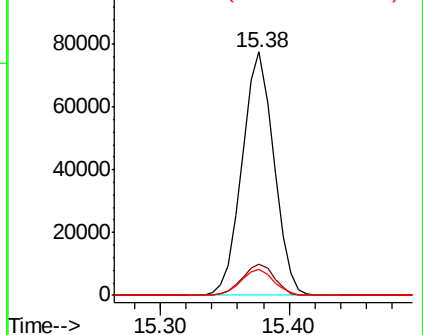


Abundance

Ion 128.00 (127.70 to 128.70): V

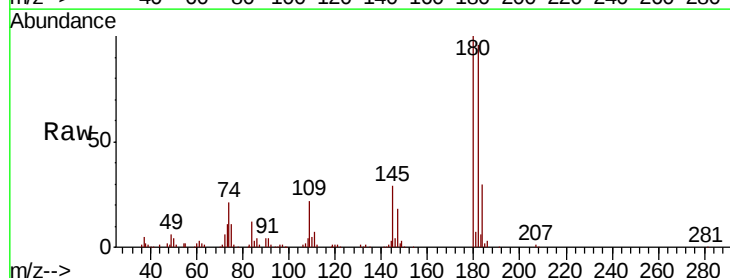
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.415 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006578.D
Acq: 02 Nov 2018 01:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	48.2	144.6
145	30.1	14.9	44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

