

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007257.D
 Acq On : 06 Dec 2018 04:31
 Operator : SY/AP
 Sample : VW1205SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Manual Integrations
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Quant Time: Dec 06 07:27:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	90870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	147589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	133146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	65049	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	47806	56.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.02%	
35) Dibromofluoromethane	7.88	113	45248	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
50) Toluene-d8	10.33	98	188734	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.62	95	68927	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	21354	21.479	ug/l	99
3) Chloromethane	2.21	50	25881	20.556	ug/l	99
4) Vinyl Chloride	2.36	62	16951	21.503	ug/l	99
5) Bromomethane	2.75	94	10436	26.419	ug/l	99
6) Chloroethane	2.91	64	9504	21.488	ug/l	93
7) Trichlorofluoromethane	3.26	101	32393	21.077	ug/l	97
8) Diethyl Ether	3.69	74	10097	23.569	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	18562	19.993	ug/l	97
10) Methyl Iodide	4.28	142	16748	21.176	ug/l	100
11) Tert butyl alcohol	5.16	59	9175	102.441	ug/l	98
12) 1,1-Dichloroethene	4.04	96	18293	21.025	ug/l	92
13) Acrolein	3.90	56	5560	93.790	ug/l	100
14) Allyl chloride	4.67	41	29459	21.123	ug/l	98
15) Acrylonitrile	5.37	53	20163	112.585	ug/l	99
16) Acetone	4.12	43	16381	81.788	ug/l	98
17) Carbon Disulfide	4.38	76	56733	19.782	ug/l	96
18) Methyl Acetate	4.68	43	11162	24.415	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	47748	23.309	ug/l	98
20) Methylene Chloride	4.92	84	25611	22.526	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	21117	21.737	ug/l	98
22) Diisopropyl ether	6.32	45	55793	22.285	ug/l	98
23) Vinyl Acetate	6.26	43	150110	109.885	ug/l	97
24) 1,1-Dichloroethane	6.22	63	36215	22.569	ug/l	99
25) 2-Butanone	7.17	43	23242	100.107	ug/l	99
26) 2,2-Dichloropropane	7.18	77	29969	19.435	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	23632	22.692	ug/l	99
28) Bromochloromethane	7.52	49	12956	22.392	ug/l	98
29) Tetrahydrofuran	7.53	42	16047	111.847	ug/l	100
30) Chloroform	7.68	83	38364	23.005	ug/l	97
31) Cyclohexane	7.96	56	32744	19.503	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	35431	22.576	ug/l	99
36) 1,1-Dichloropropene	8.09	75	29393	20.468	ug/l	99
37) Ethyl Acetate	7.26	43	11365	21.878	ug/l	99
38) Carbon Tetrachloride	8.07	117	29035	19.809	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	36530	19.002	ug/l	97
40) Benzene	8.32	78	83740	21.265	ug/l	98
41) Methacrylonitrile	7.49	41	7002	22.504	ug/l	99
42) 1,2-Dichloroethane	8.40	62	24783	22.519	ug/l	100
43) Isopropyl Acetate	8.43	43	21782	21.590	ug/l	98
44) Trichloroethene	9.09	130	24349	21.997	ug/l	95
45) 1,2-Dichloropropane	9.37	63	19517	21.298	ug/l	97
46) Dibromomethane	9.46	93	10714	22.500	ug/l	95
47) Bromodichloromethane	9.65	83	27735	22.143	ug/l	97
48) Methyl methacrylate	9.44	41	10465	19.986	ug/l	94
49) 1,4-Dioxane	9.45	88	3633	436.749	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	51837	104.260	ug/l	99
52) Toluene	10.39	92	58539	21.370	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	26956	21.406	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	31766	21.525	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	15409	22.750	ug/l	91
56) Ethyl methacrylate	10.65	69	18826	21.308	ug/l	99
57) 1,3-Dichloropropane	10.93	76	24809	21.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	41417	116.707	ug/l	100
59) 2-Hexanone	10.97	43	35818	99.379	ug/l	96
60) Dibromochloromethane	11.13	129	17757	21.331	ug/l	99
61) 1,2-Dibromoethane	11.24	107	14824	22.819	ug/l	93
64) Tetrachloroethene	10.87	164	21670	22.276	ug/l	95
65) Chlorobenzene	11.66	112	62218	20.923	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	20090	21.876	ug/l	98
67) Ethyl Benzene	11.73	91	111551	20.582	ug/l	99
68) m/p-Xylenes	11.84	106	90540	42.583	ug/l	98
69) o-Xylene	12.17	106	43177	21.735	ug/l	99
70) Styrene	12.18	104	69379	21.335	ug/l	99
71) Bromoform	12.35	173	10049	21.859	ug/l	# 99
73) Isopropylbenzene	12.47	105	114959	21.729	ug/l	100
74) N-amyl acetate	12.27	43	20762	22.134	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	15667	22.801	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	12763m	25.340	ug/l	
77) Bromobenzene	12.75	156	26372	23.093	ug/l	96
78) n-propylbenzene	12.81	91	132297	20.989	ug/l	98
79) 2-Chlorotoluene	12.90	91	79007	22.197	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	97869	21.624	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	4507	19.286	ug/l	89
82) 4-Chlorotoluene	12.99	91	80163	21.170	ug/l	100
83) tert-Butylbenzene	13.21	119	87624	22.154	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	97592	21.123	ug/l	94
85) sec-Butylbenzene	13.39	105	117977	20.894	ug/l	100
86) p-Isopropyltoluene	13.51	119	104400	20.769	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	51224	21.850	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	52349	22.106	ug/l	98
89) n-Butylbenzene	13.83	91	98841	21.043	ug/l	95
90) Hexachloroethane	14.10	117	16311	21.294	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	45511	22.424	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3101	23.297	ug/l	89

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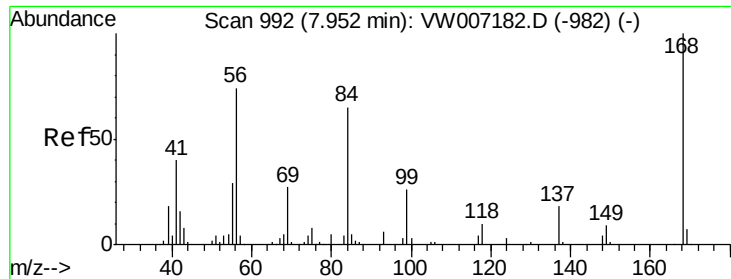
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	29017	20.631	ug/l	98
94) Hexachlorobutadiene	15.24	225	15756	20.774	ug/l	98
95) Naphthalene	15.37	128	52120	20.677	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	24701	20.828	ug/l	100

(#) = 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: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS02

Tgt Ion:168 Resp: 90870

Ion Ratio Lower Upper

168 100

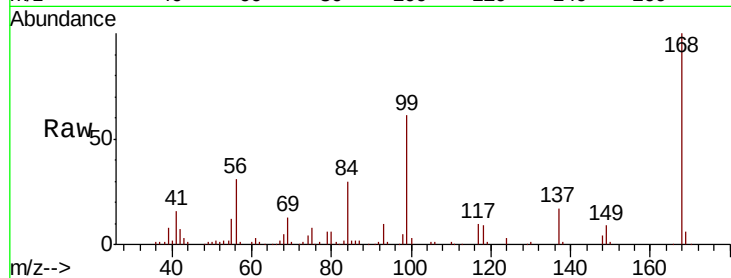
99 61.1 47.8 71.8

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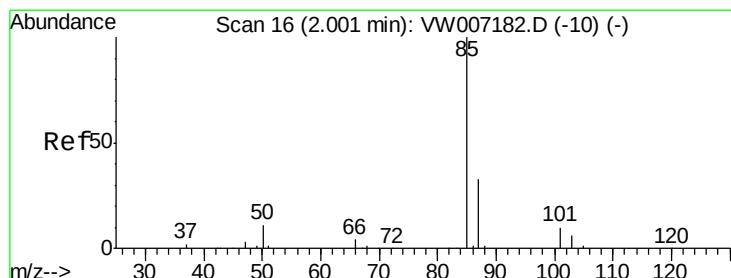
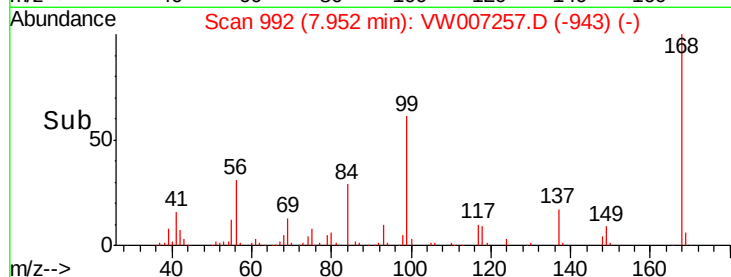
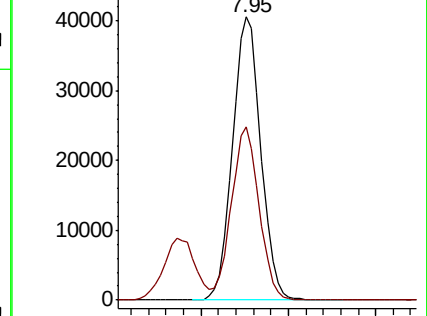
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 21.479 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007257.D

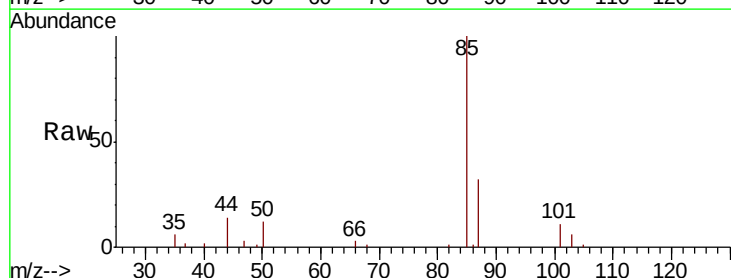
Acq: 06 Dec 2018 04:31

Tgt Ion: 85 Resp: 21354

Ion Ratio Lower Upper

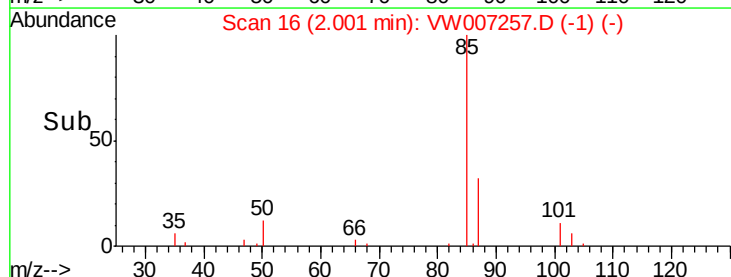
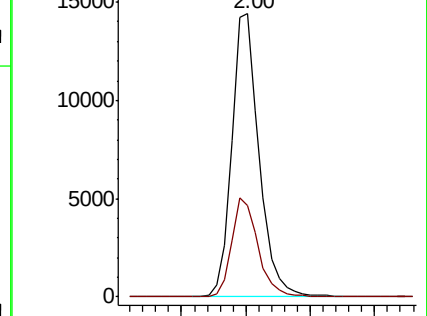
85 100

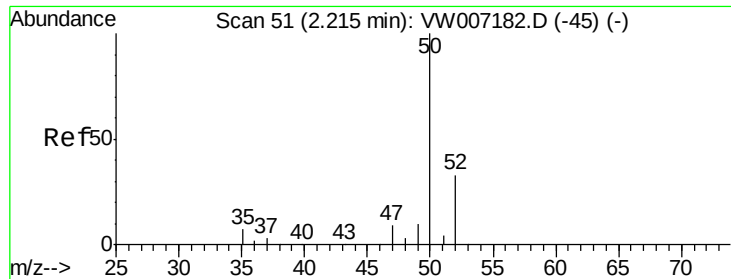
87 32.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.556 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS02

Tgt Ion: 50 Resp: 25881

Ion Ratio Lower Upper

50 100

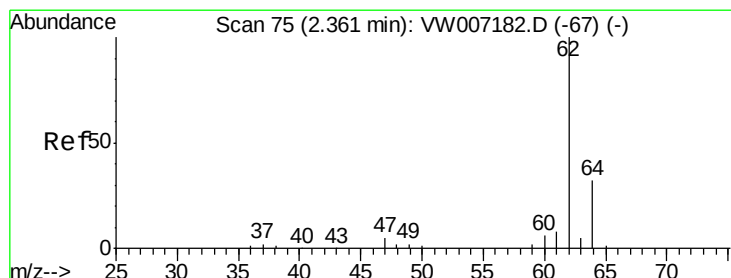
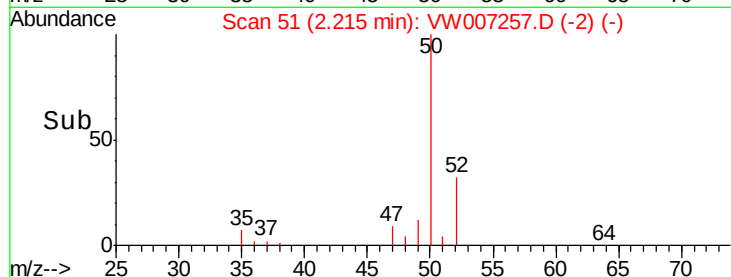
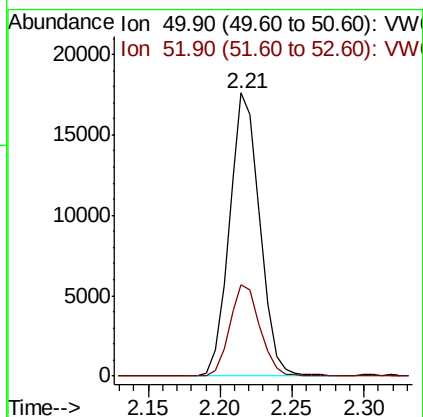
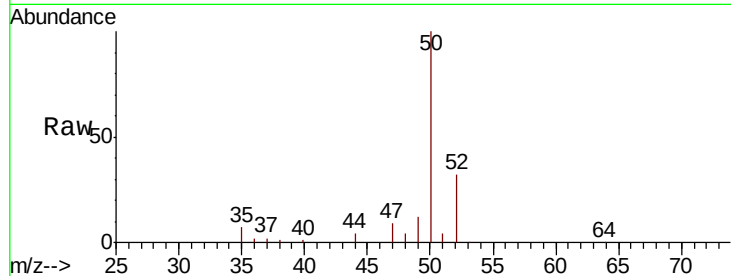
52 32.3 26.2 39.2

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#4

Vinyl Chloride

Concen: 21.503 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW007257.D

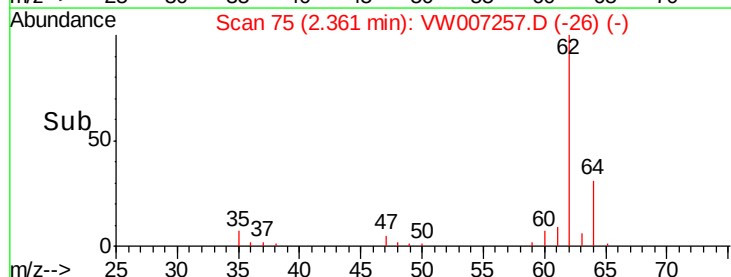
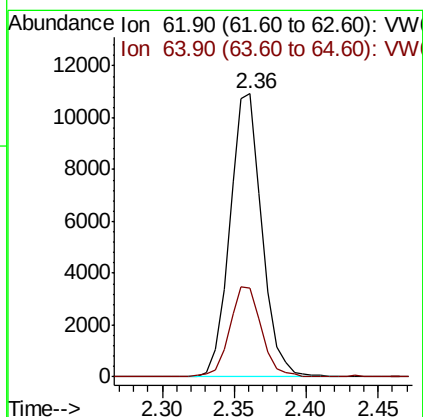
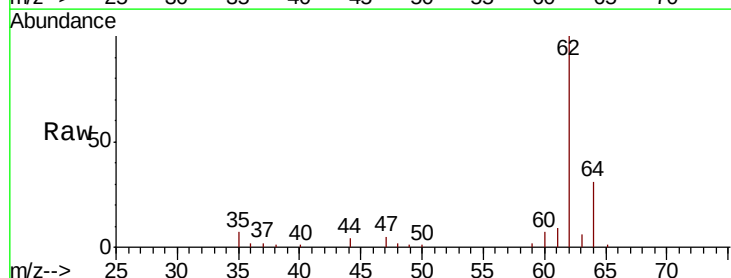
Acq: 06 Dec 2018 04:31

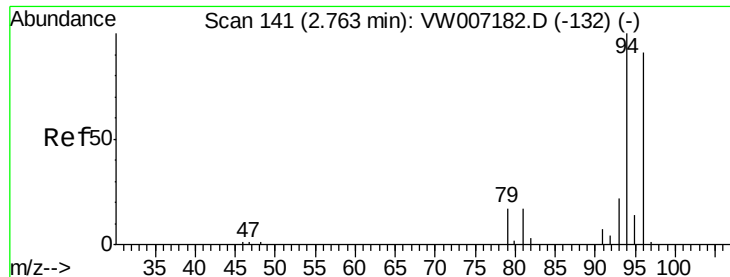
Tgt Ion: 62 Resp: 16951

Ion Ratio Lower Upper

62 100

64 31.3 25.3 37.9





#5

Bromomethane

Concen: 26.419 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS02

Tgt Ion: 94 Resp: 10436

Ion Ratio Lower Upper

94 100

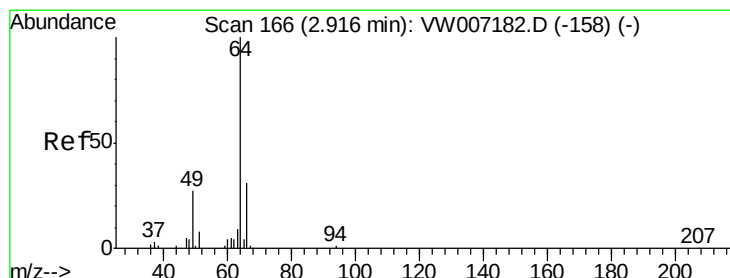
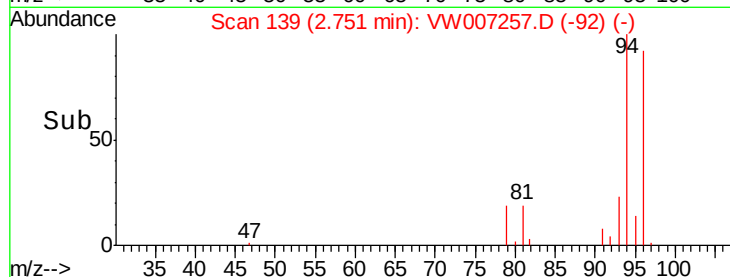
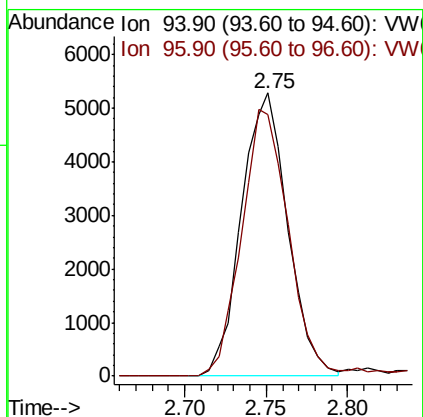
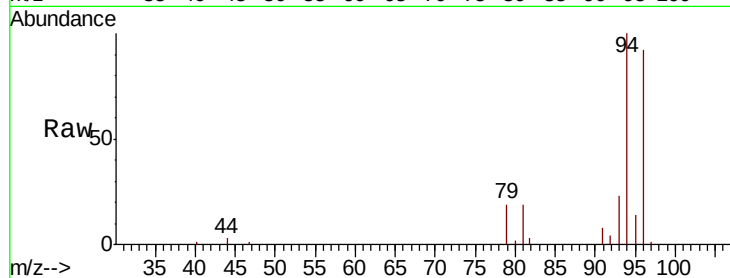
96 92.3 72.8 109.2

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#6

Chloroethane

Concen: 21.488 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW007257.D

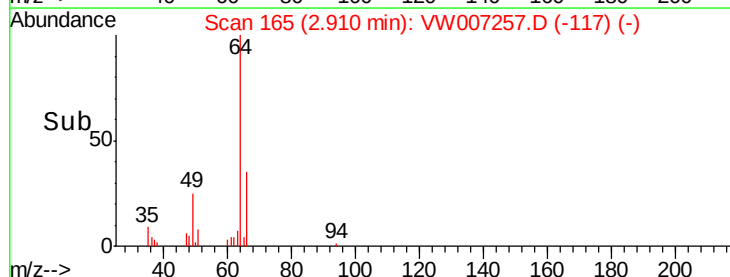
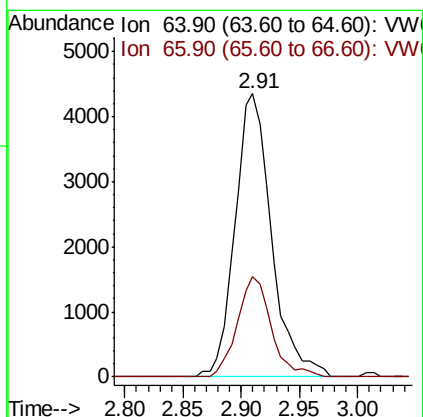
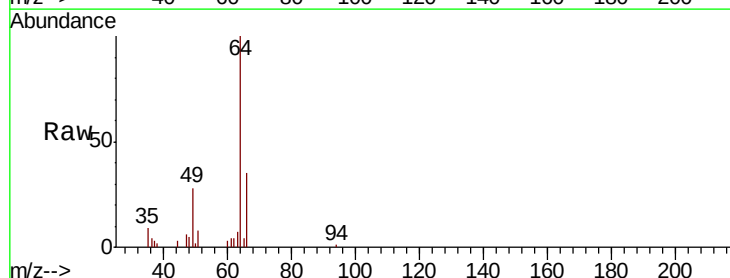
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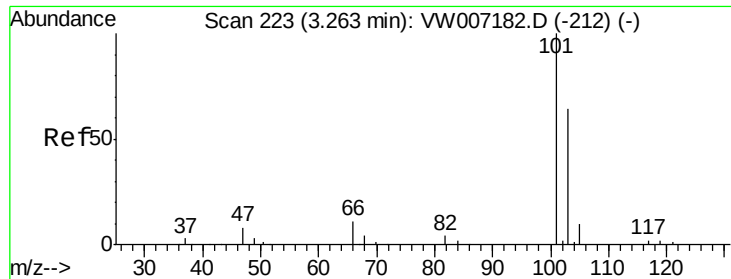
Tgt Ion: 64 Resp: 9504

Ion Ratio Lower Upper

64 100

66 35.4 25.0 37.6





#7

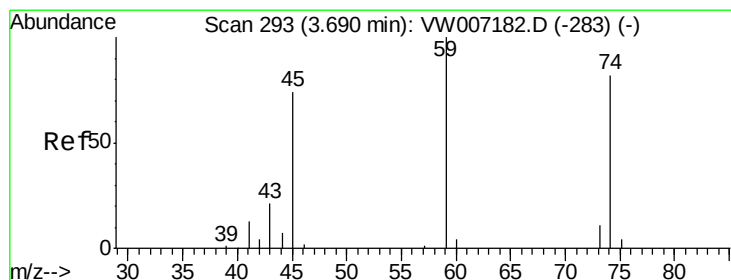
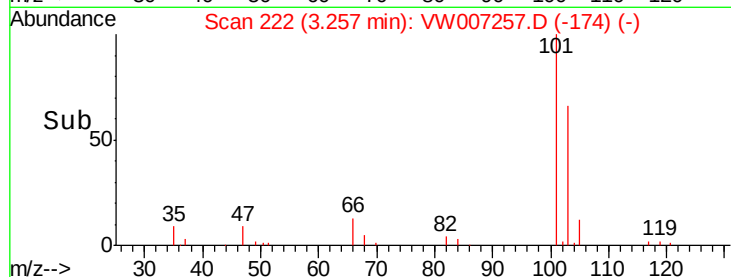
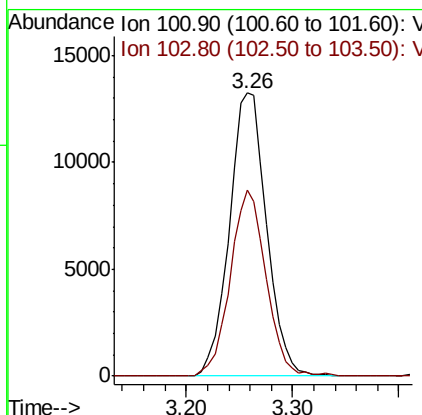
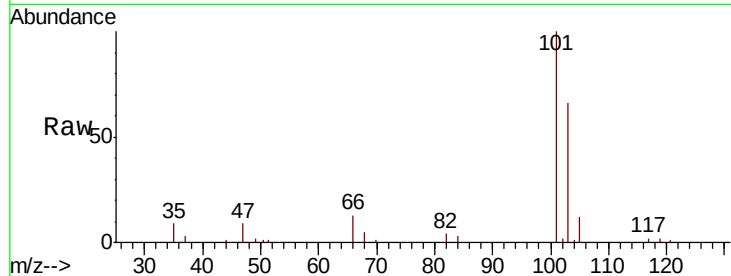
Trichlorofluoromethane
 Concen: 21.077 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.8	50.9	76.3

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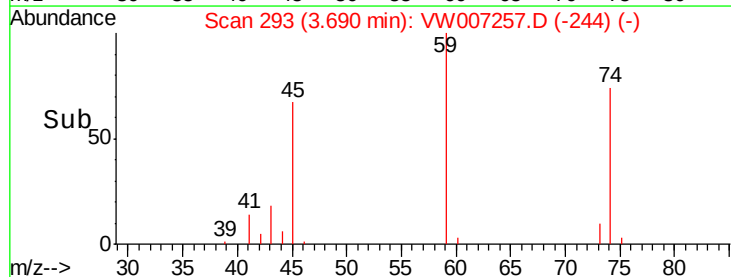
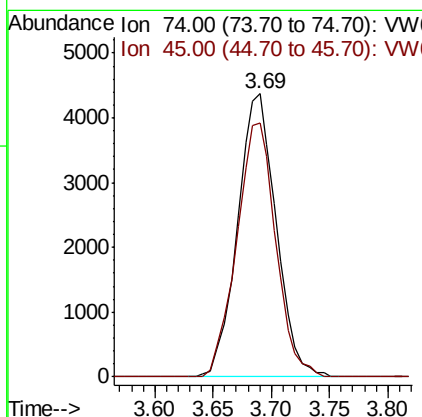
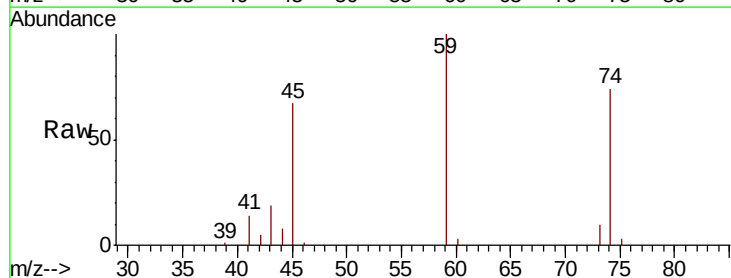
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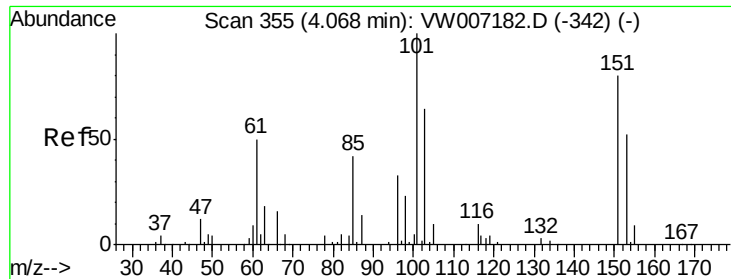


#8

Diethyl Ether
 Concen: 23.569 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.7	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.993 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

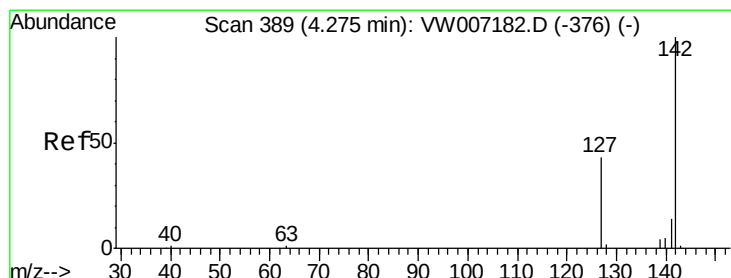
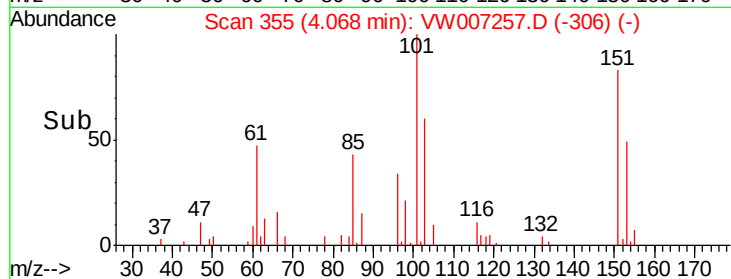
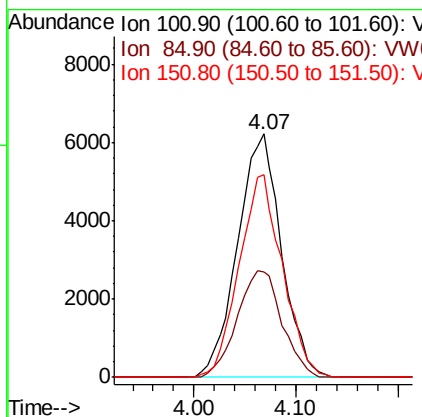
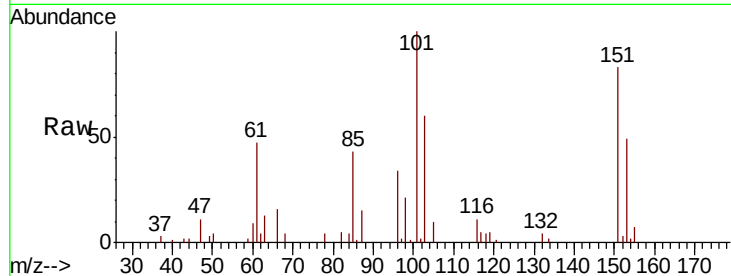
ClientSampleId :

VW1205SBS02

Tgt Ion:	101	Resp:	18562
Ion Ratio	Lower	Upper	
101	100		
85	44.6	33.4	50.2
151	81.9	63.9	95.9

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#10

Methyl Iodide

Concen: 21.176 ug/l

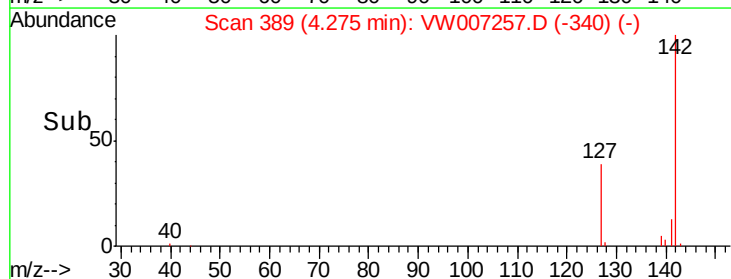
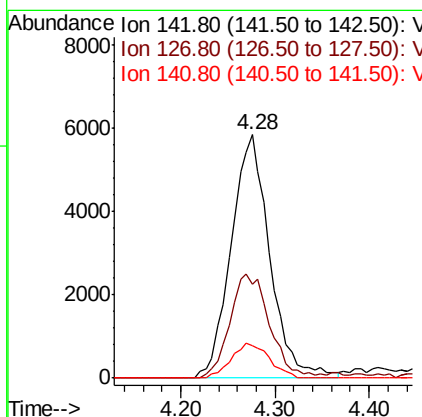
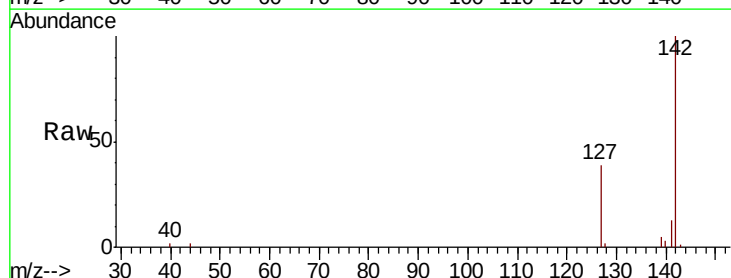
RT: 4.28 min Scan# 389

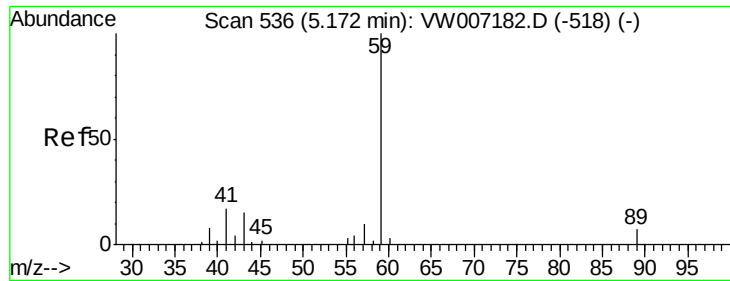
Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Tgt Ion:	142	Resp:	16748
Ion Ratio	Lower	Upper	
142	100		
127	43.7	34.9	52.3
141	14.0	11.7	17.5





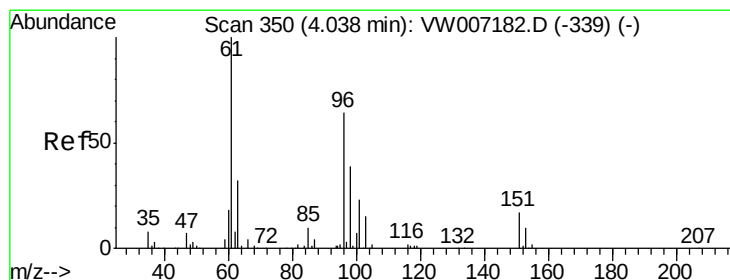
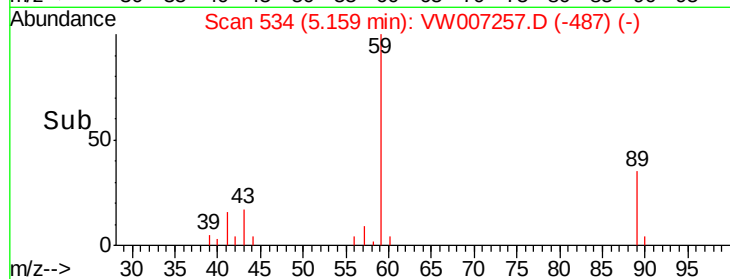
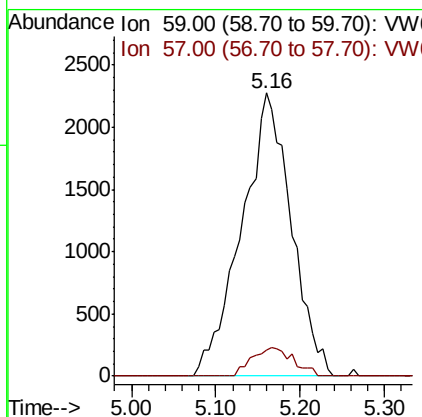
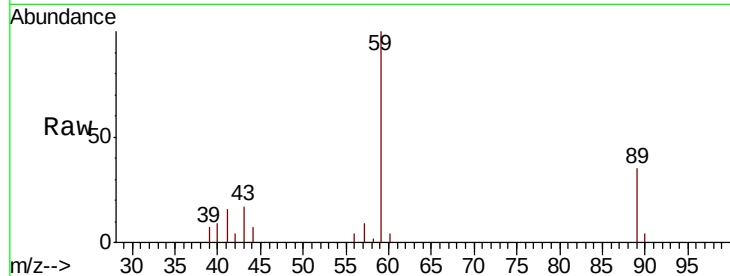
#11
Tert butyl alcohol
Concen: 102.441 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampled :
VW1205SBS02

Tgt Ion: 59 Resp: 9175
Ion Ratio Lower Upper
59 100
57 8.3 7.1 10.7

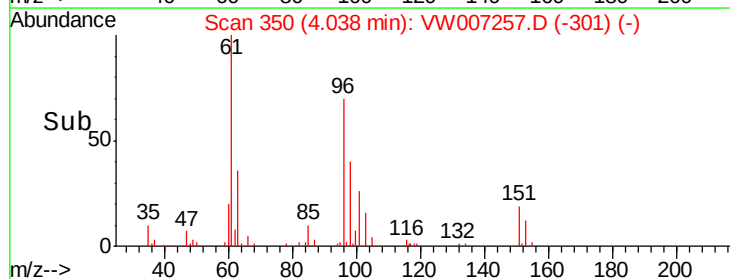
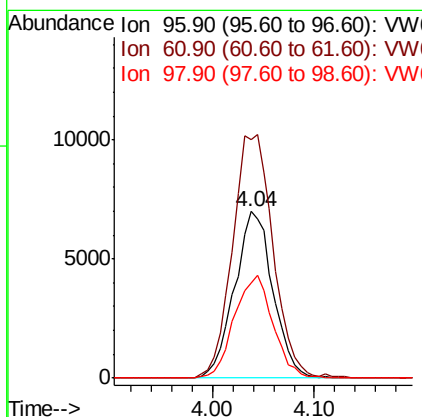
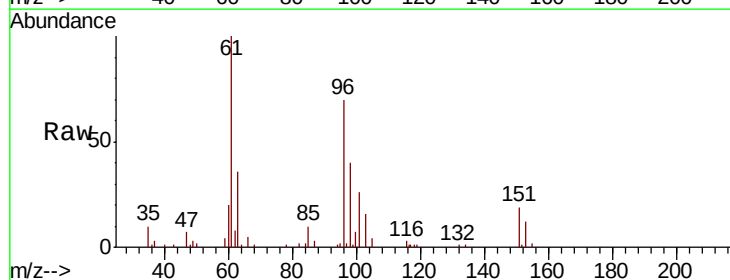
Manual Integrations
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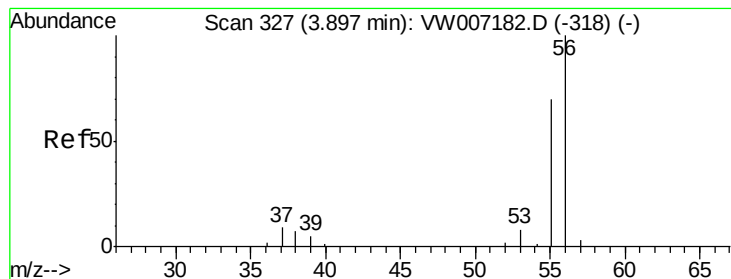
apatel
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#12
1,1-Dichloroethene
Concen: 21.025 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion: 96 Resp: 18293
Ion Ratio Lower Upper
96 100
61 142.9 124.1 186.1
98 57.2 48.6 72.8





#13

Acrolein

Concen: 93.790 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS02

Tgt Ion: 56 Resp: 5560

Ion Ratio Lower Upper

56 100

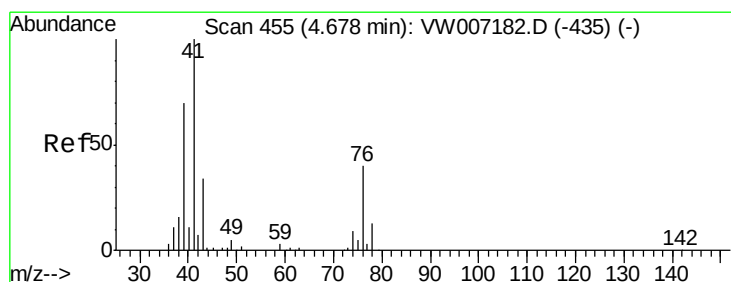
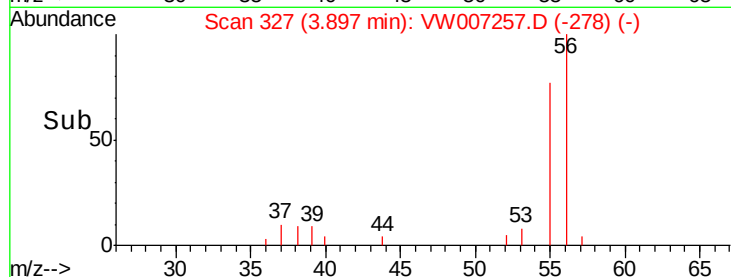
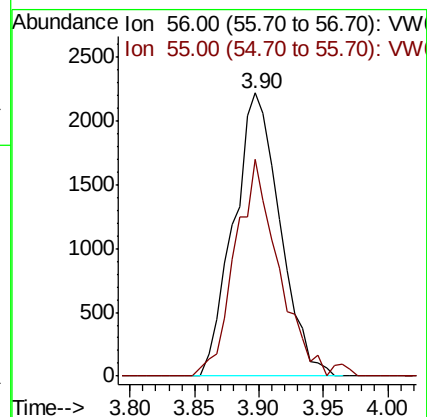
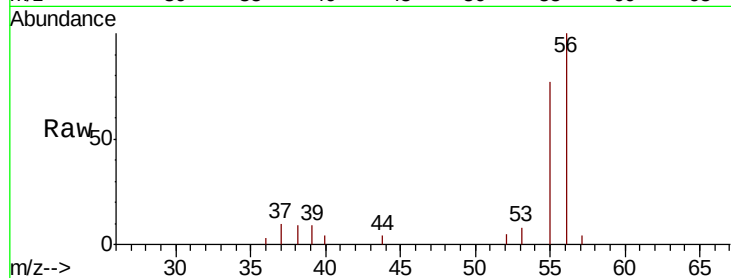
55 71.0 56.9 85.3

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#14

Allyl chloride

Concen: 21.123 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

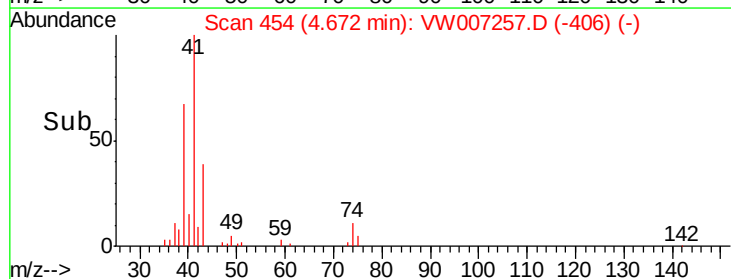
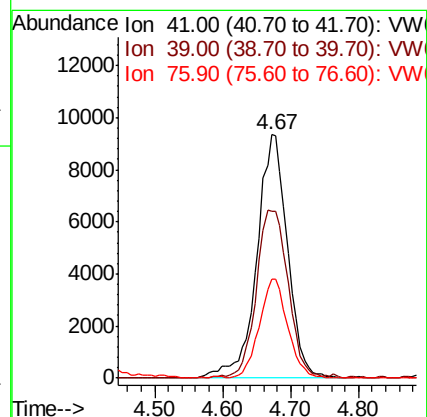
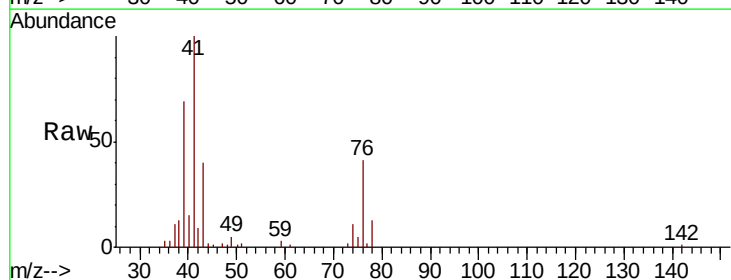
Tgt Ion: 41 Resp: 29459

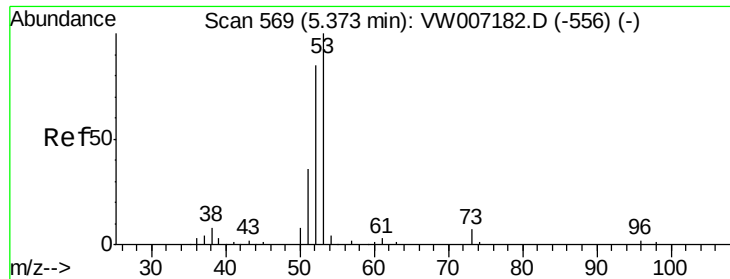
Ion Ratio Lower Upper

41 100

39 71.6 55.9 83.9

76 37.7 30.8 46.2





#15

Acrylonitrile

Concen: 112.585 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

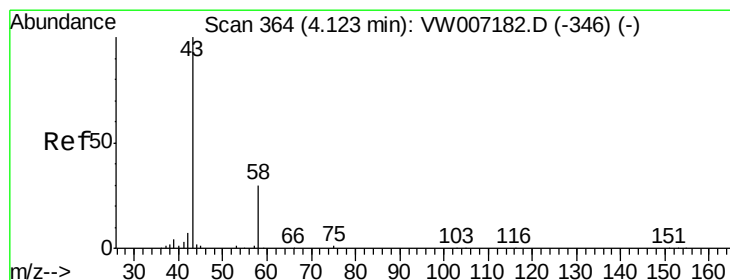
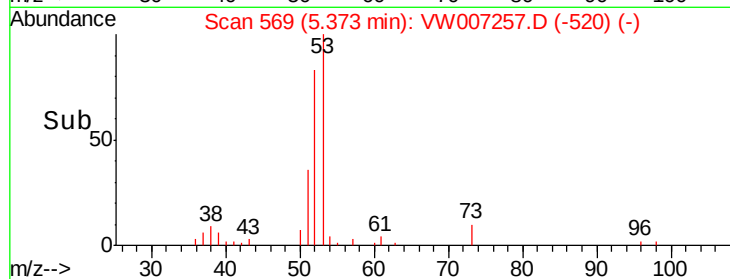
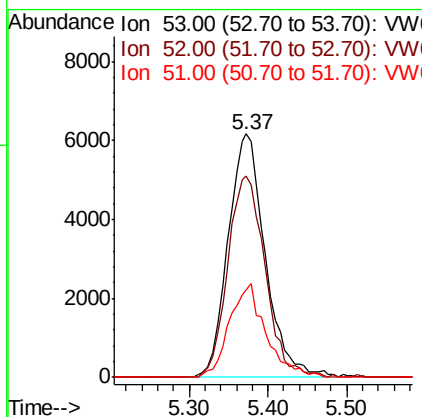
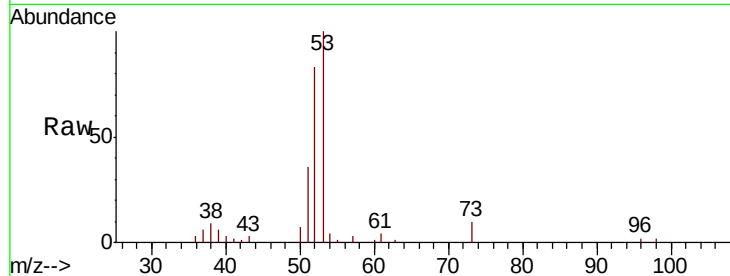
ClientSampleId :

VW1205SBS02

Tgt Ion:	53	Resp:	20163
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.1	99.1
51	37.7	30.3	45.5

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#16

Acetone

Concen: 81.788 ug/l

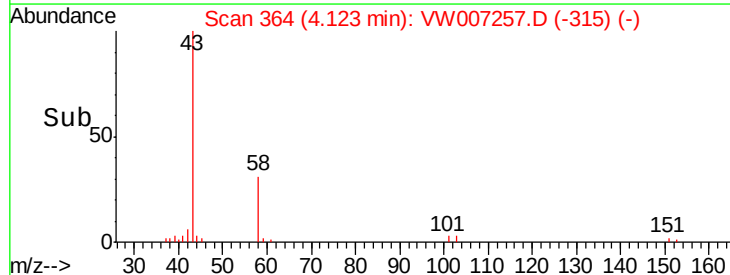
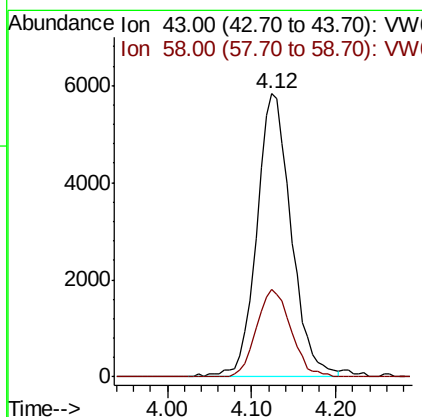
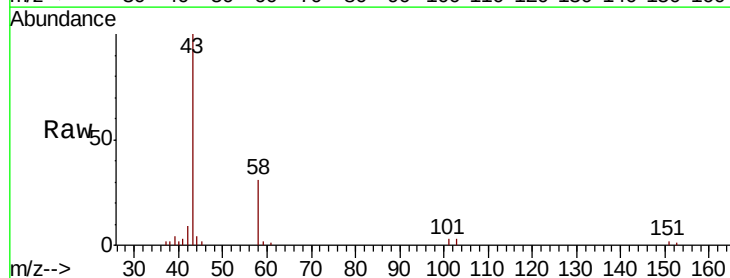
RT: 4.12 min Scan# 364

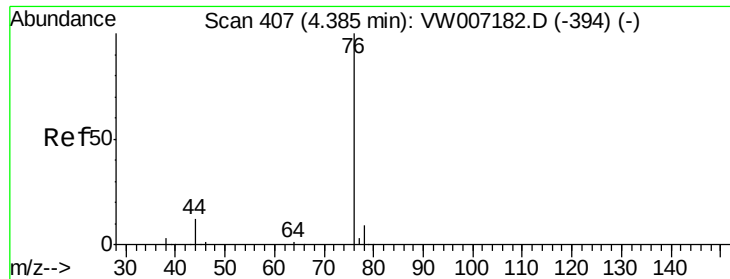
Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Tgt Ion:	43	Resp:	16381
Ion	Ratio	Lower	Upper
43	100		
58	31.0	23.8	35.8





#17

Carbon Disulfide

Concen: 19.782 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS02

Tgt Ion: 76 Resp: 56733

Ion Ratio Lower Upper

76 100

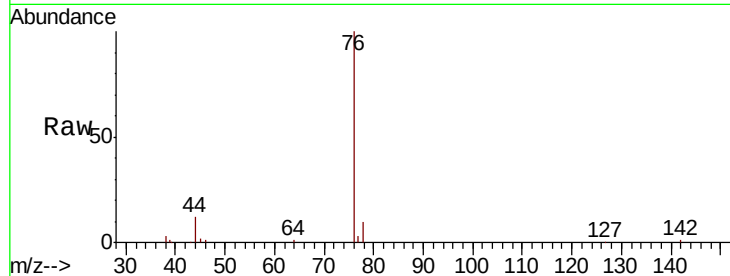
78 10.4 7.2 10.8

Manual Integrations

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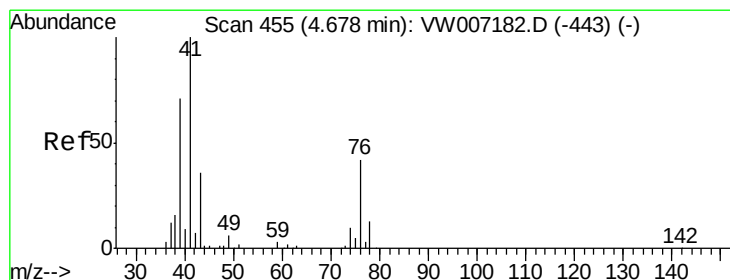
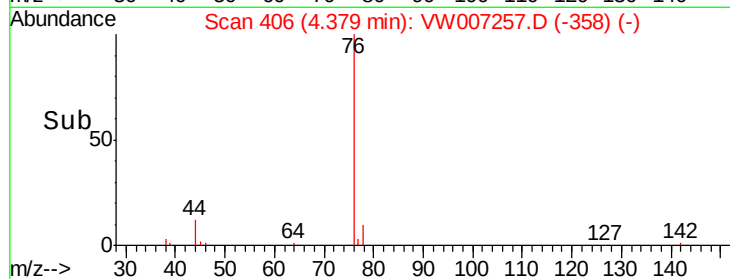
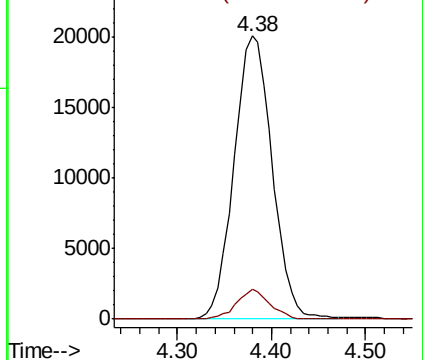
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 24.415 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW007257.D

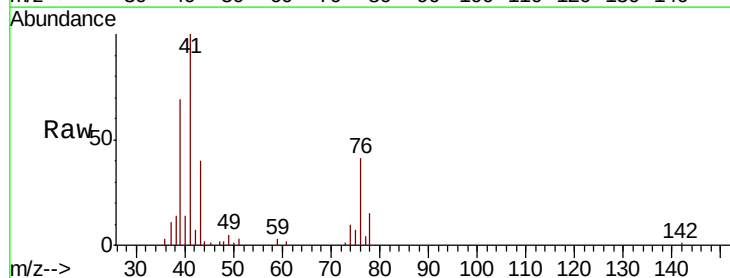
Acq: 06 Dec 2018 04:31

Tgt Ion: 43 Resp: 11162

Ion Ratio Lower Upper

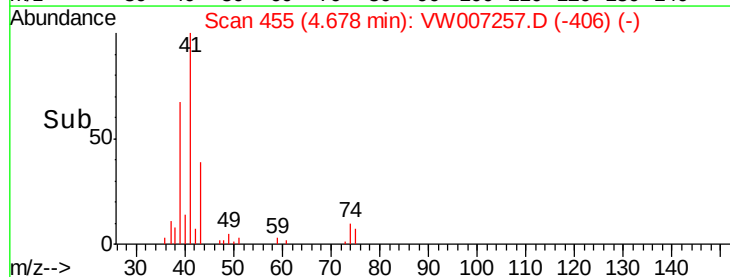
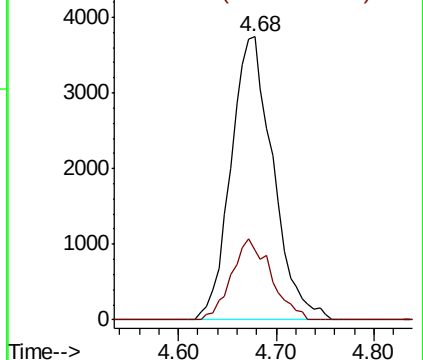
43 100

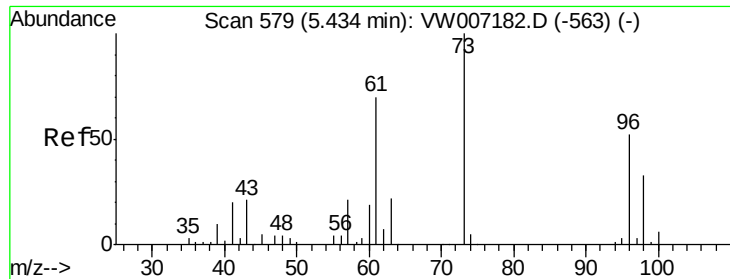
74 27.0 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





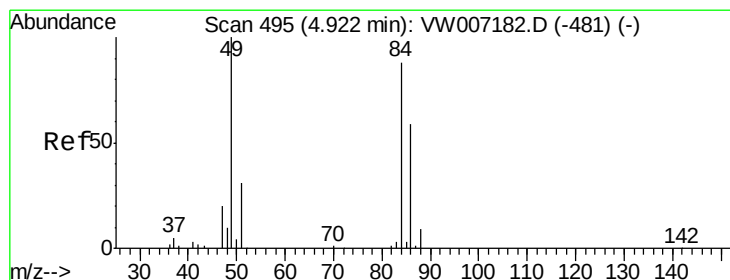
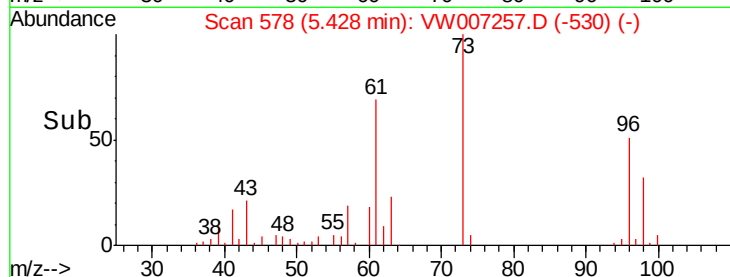
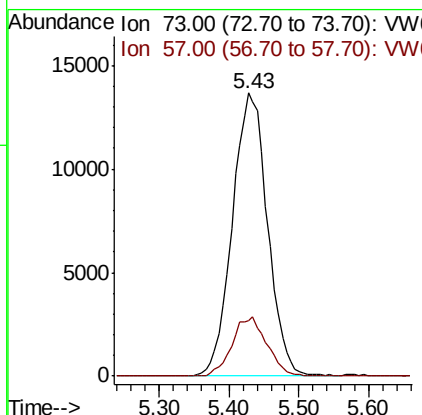
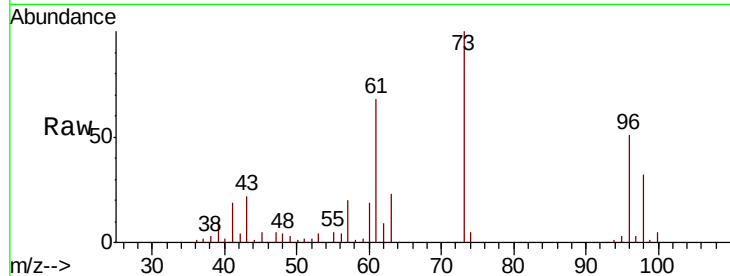
#19
Methyl tert-butyl Ether
Concen: 23.309 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion: 73 Resp: 47748
Ion Ratio Lower Upper
73 100
57 19.8 16.6 25.0

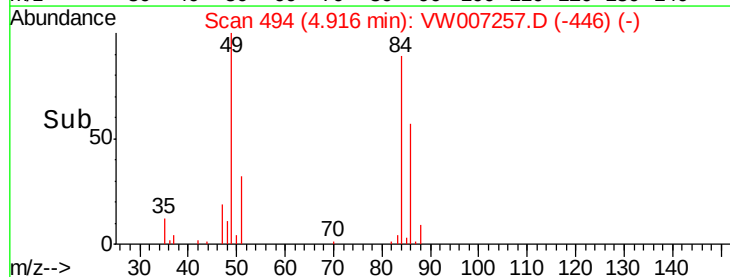
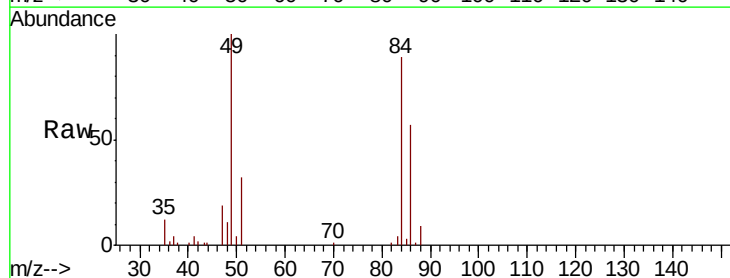
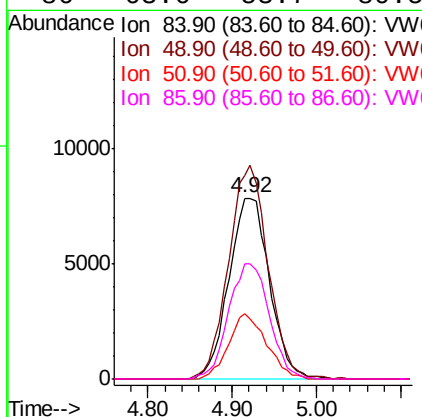
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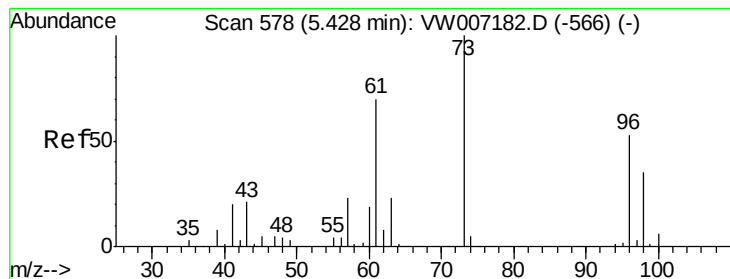
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#20
Methylene Chloride
Concen: 22.526 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion: 84 Resp: 25611
Ion Ratio Lower Upper
84 100
49 112.4 90.6 135.8
51 35.8 27.6 41.4
86 63.6 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 21.737 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

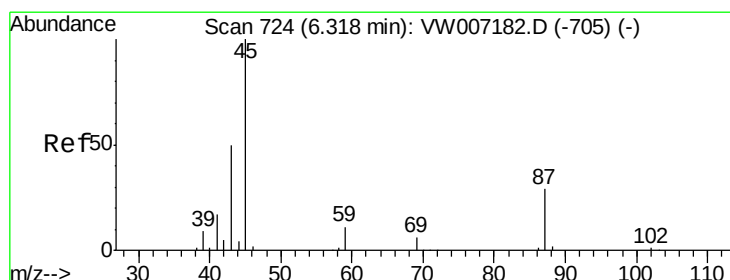
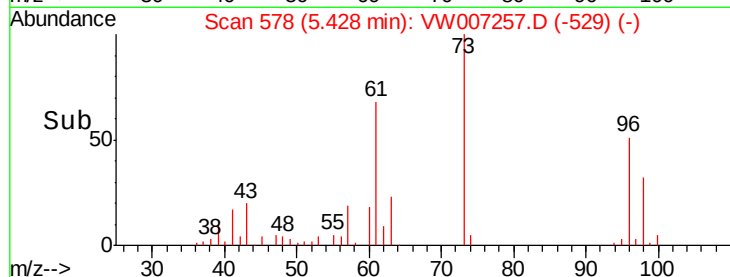
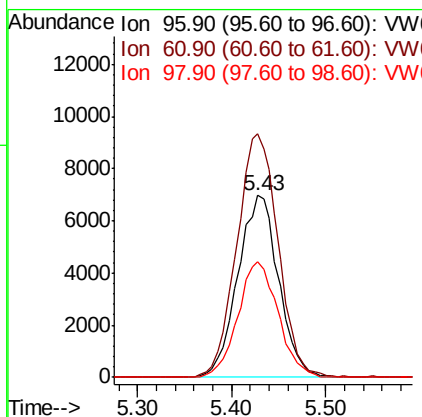
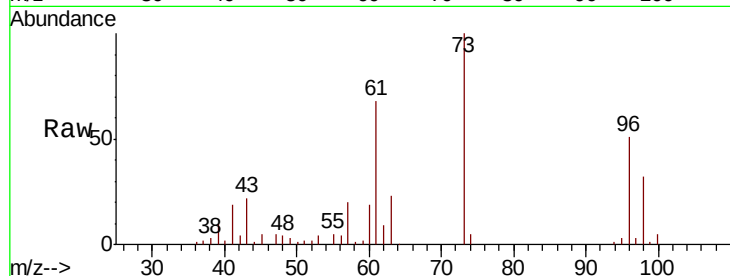
ClientSampleId :

VW1205SBS02

Tgt Ion:	96	Resp:	21117
Ion	Ratio	Lower	Upper
96	100		
61	134.0	105.5	158.3
98	63.4	52.6	79.0

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#22

Diisopropyl ether

Concen: 22.285 ug/l

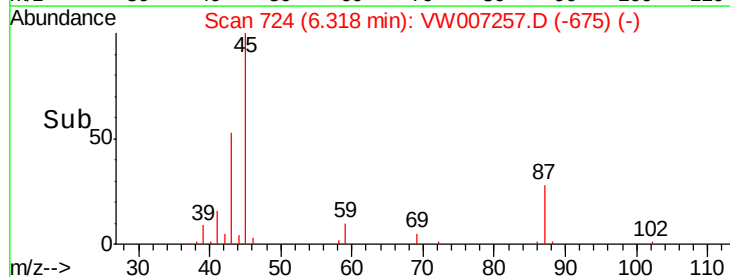
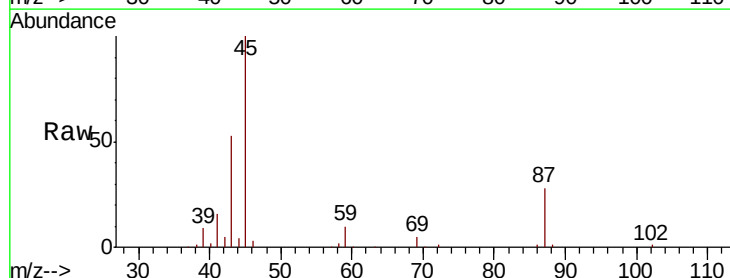
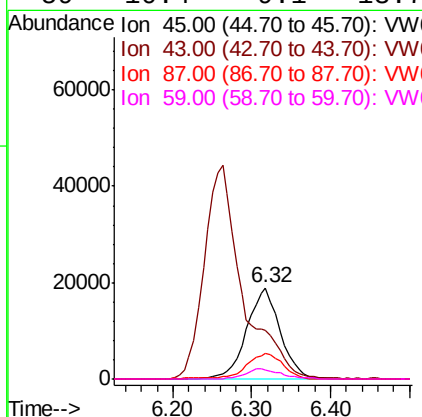
RT: 6.32 min Scan# 724

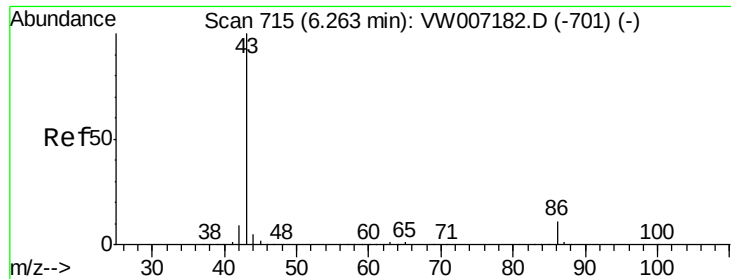
Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Tgt Ion:	45	Resp:	55793
Ion	Ratio	Lower	Upper
45	100		
43	51.7	40.8	61.2
87	28.2	24.0	36.0
59	10.4	9.1	13.7





#23

Vinyl Acetate

Concen: 109.885 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS02

Tgt Ion: 43 Resp: 150110

Ion Ratio Lower Upper

43 100

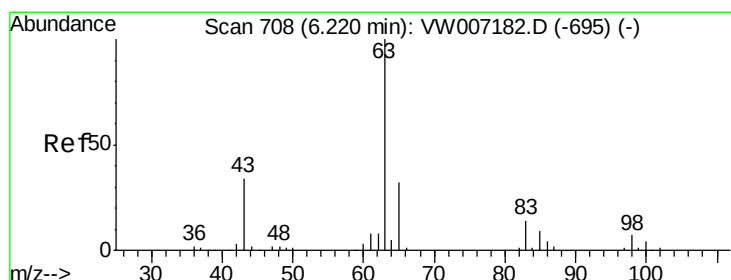
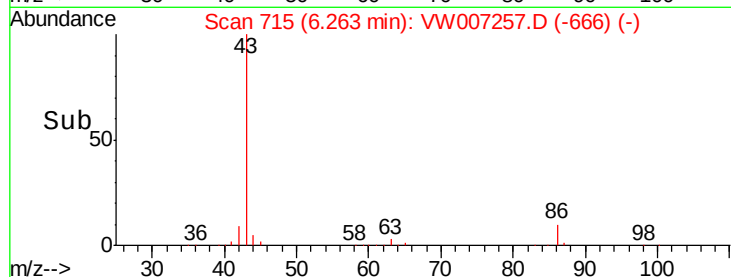
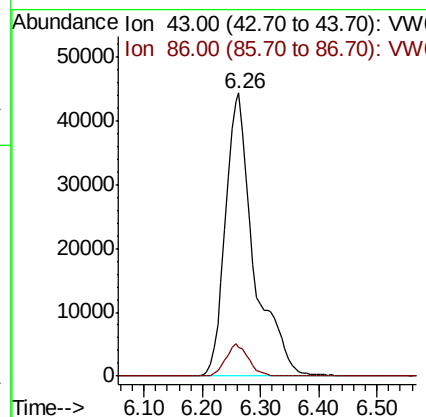
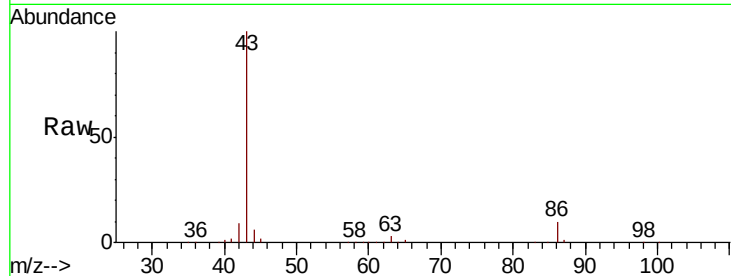
86 10.0 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 22.569 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

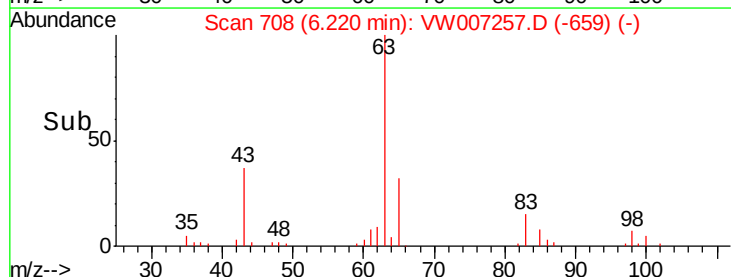
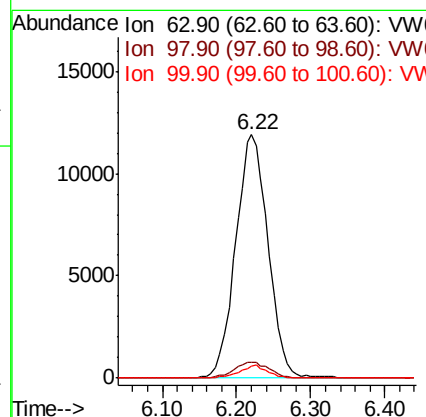
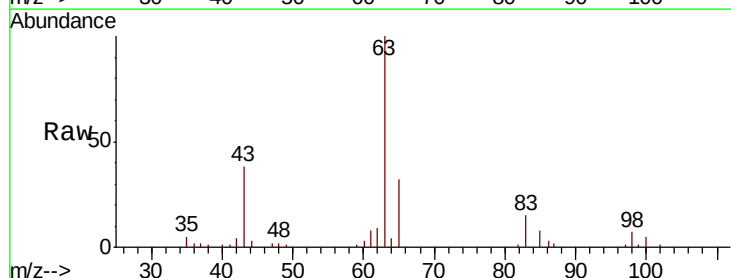
Tgt Ion: 63 Resp: 36215

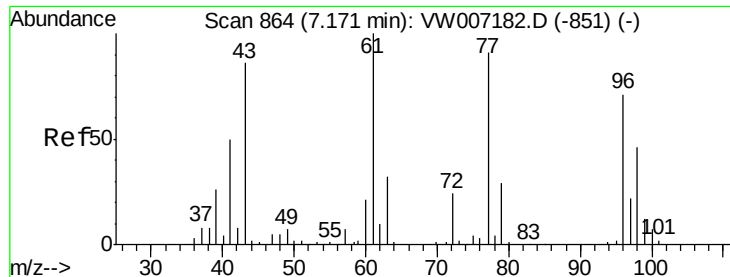
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

100 4.7 2.1 6.2





#25

2-Butanone

Concen: 100.107 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS02

Tgt Ion: 43 Resp: 23242

Ion Ratio Lower Upper

43 100

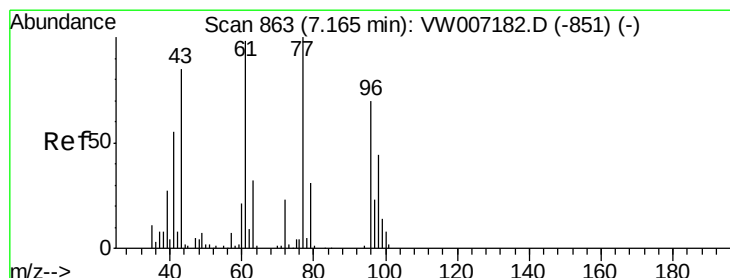
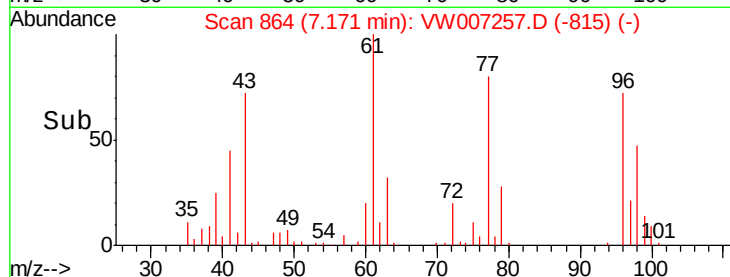
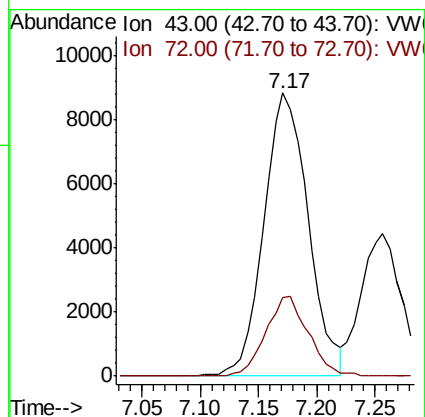
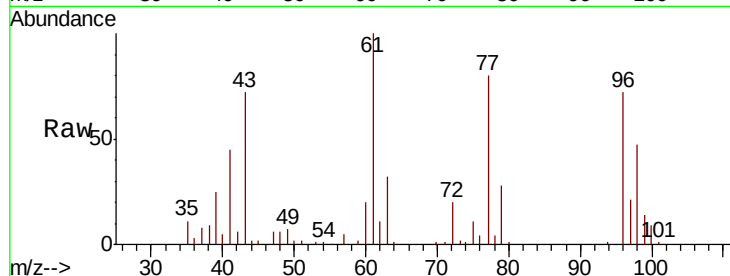
72 28.0 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 19.435 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007257.D

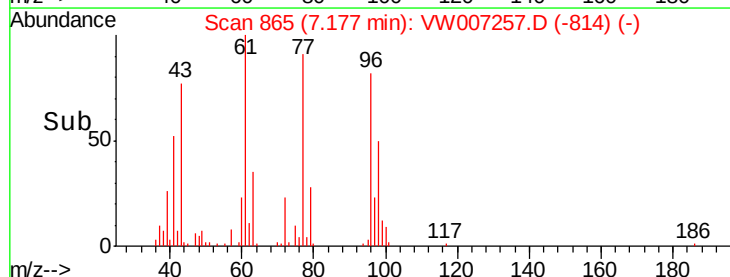
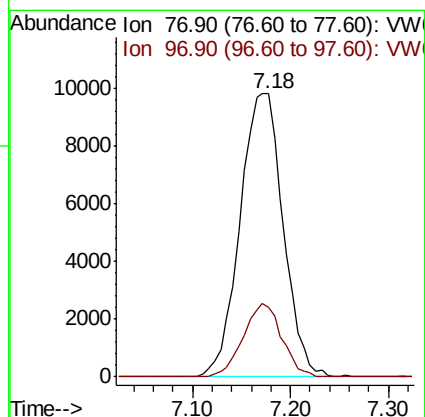
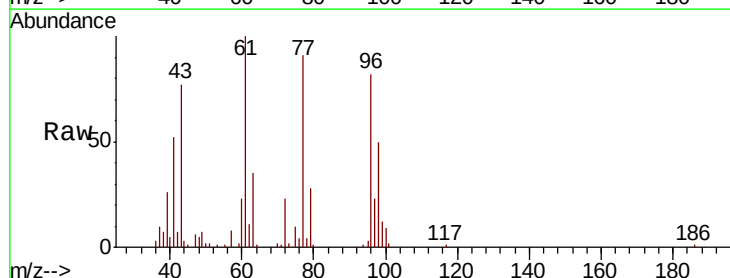
Acq: 06 Dec 2018 04:31

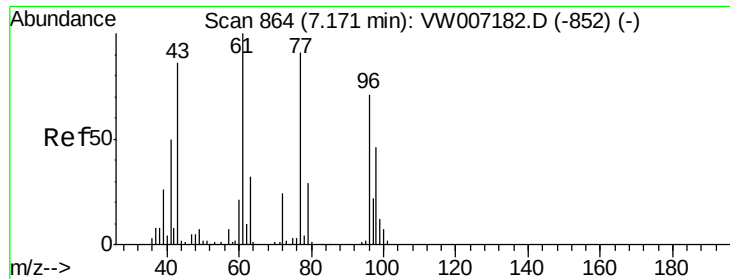
Tgt Ion: 77 Resp: 29969

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4





#27

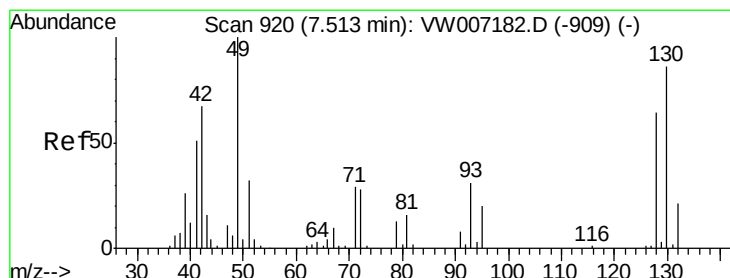
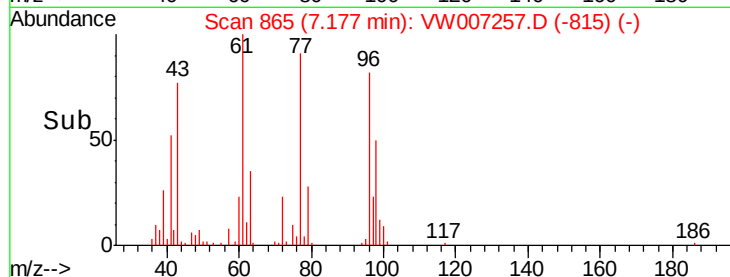
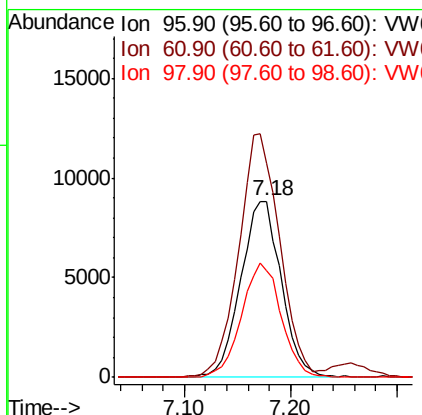
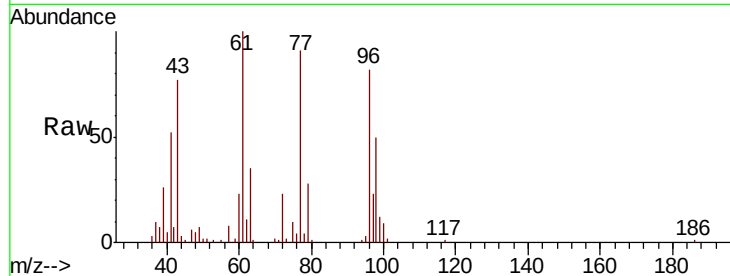
cis-1,2-Dichloroethene
 Concen: 22.692 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	23632		
61	140.1	0.0	282.4	
98	63.4	0.0	129.8	

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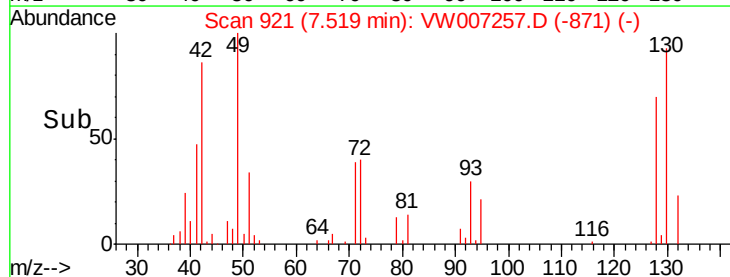
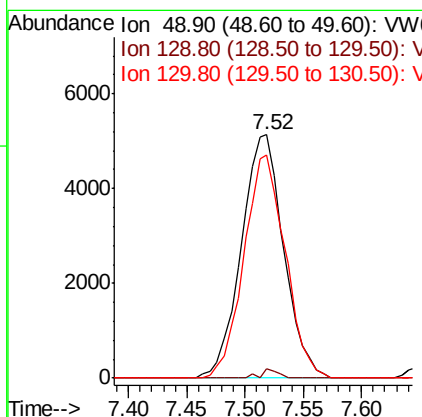
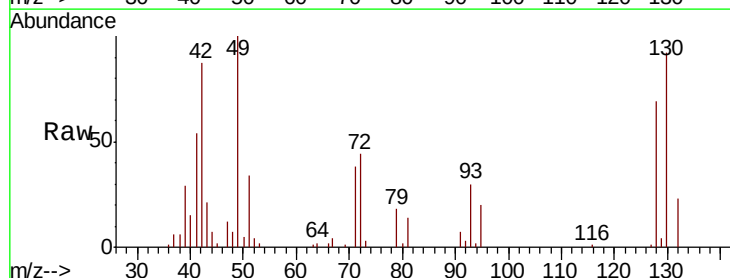
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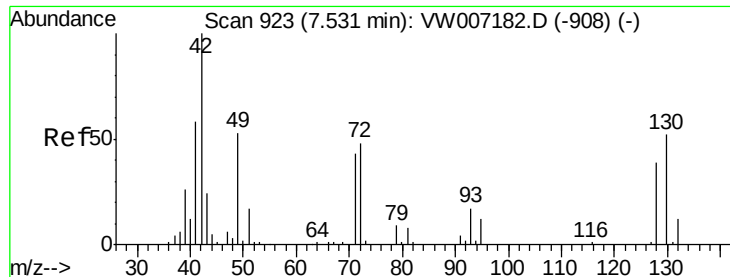


#28

Bromochloromethane
 Concen: 22.392 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	12956		
129	1.4	0.0	3.8	
130	89.4	70.3	105.5	





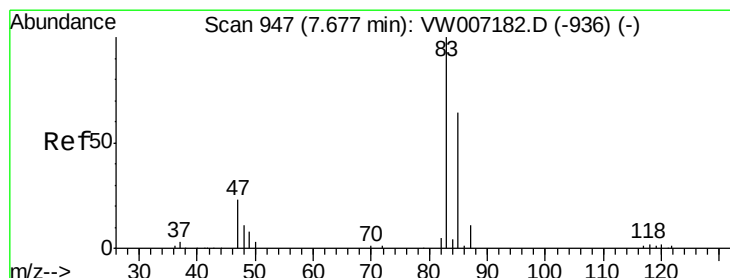
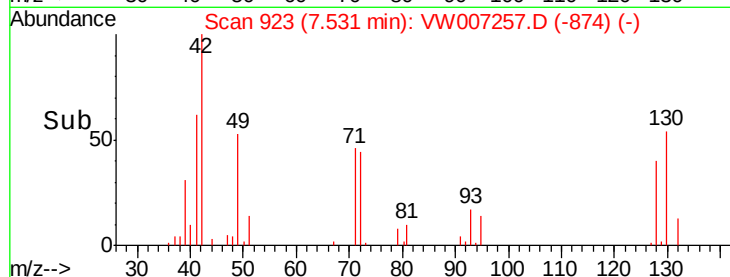
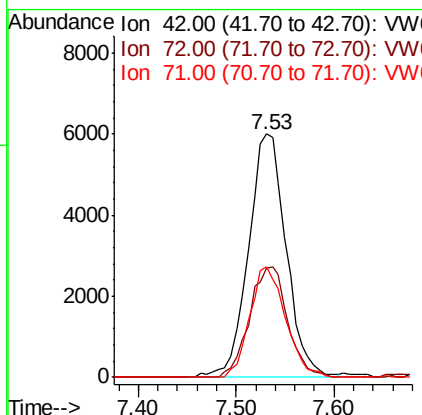
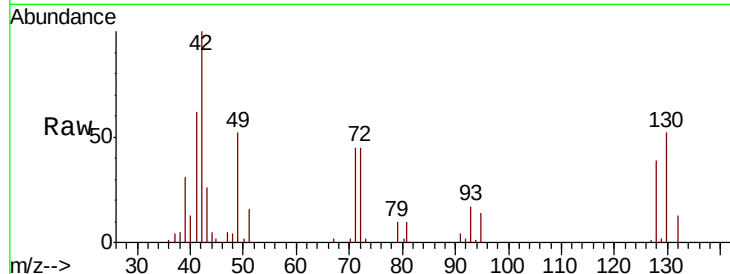
#29
Tetrahydrofuran
Concen: 111.847 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.6	55.0
71	43.2	34.8	52.2

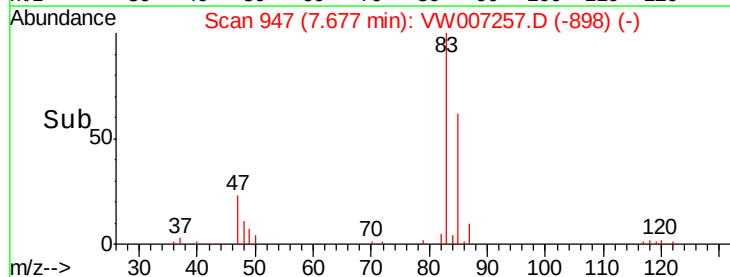
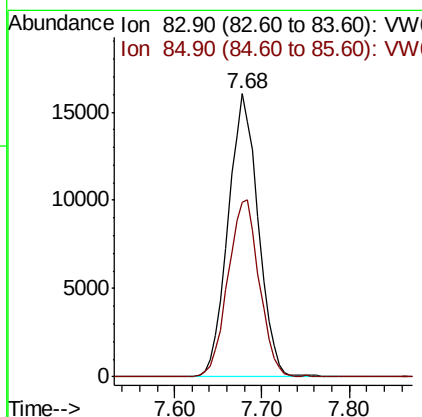
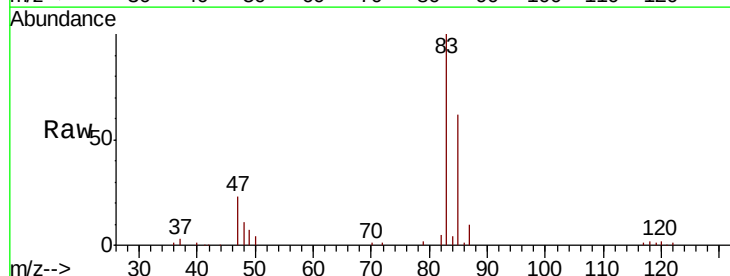
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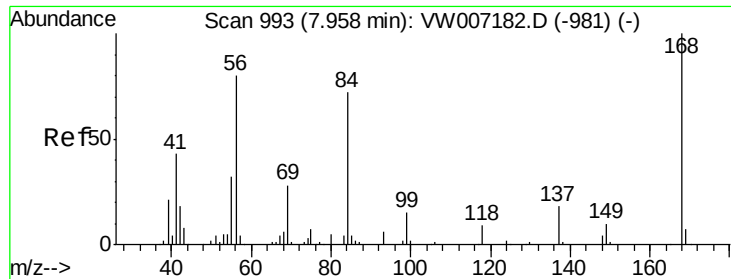
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#30
Chloroform
Concen: 23.005 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.5	77.3





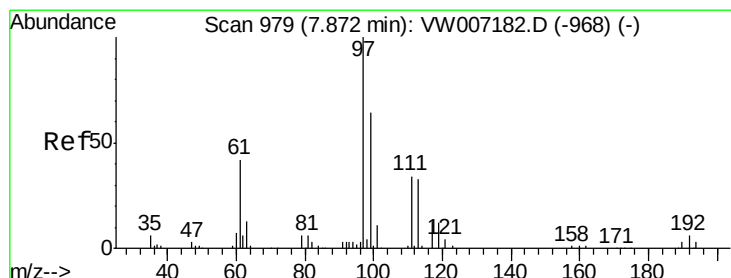
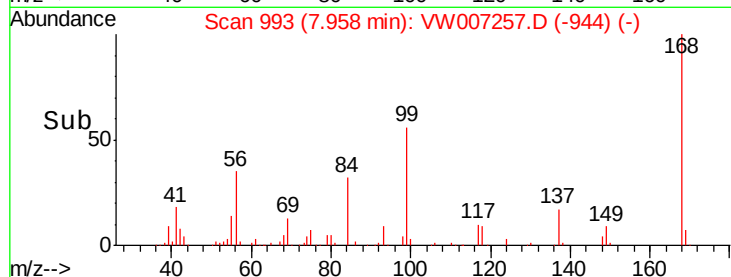
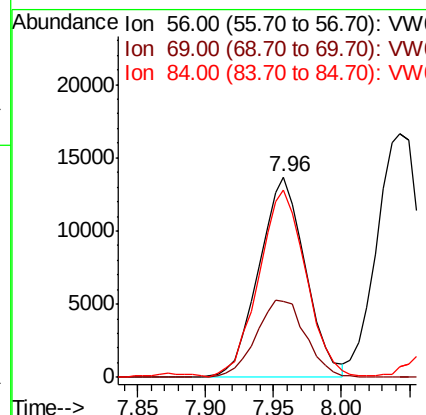
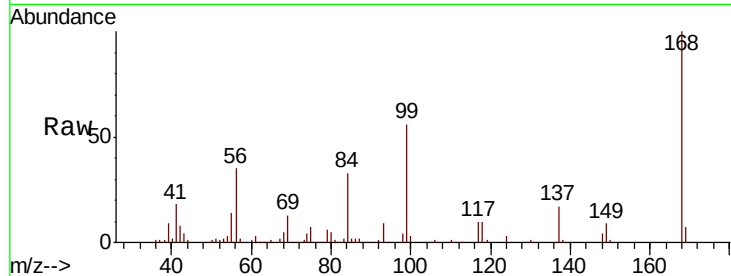
#31
Cyclohexane
Concen: 19.503 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampled :
VW1205SBS02

Tgt Ion: 56 Resp: 32744
Ion Ratio Lower Upper
56 100
69 37.7 28.2 42.2
84 92.1 72.1 108.1

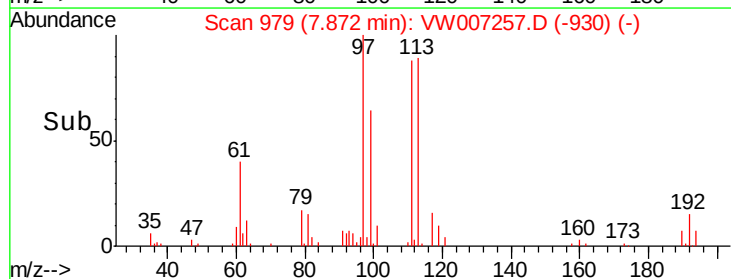
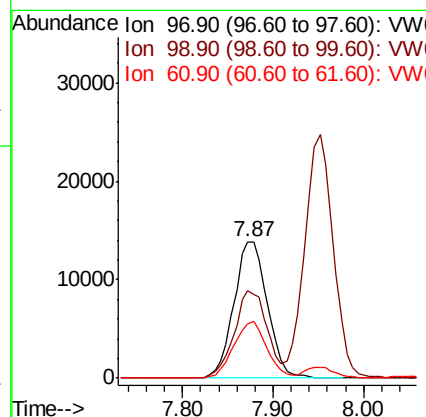
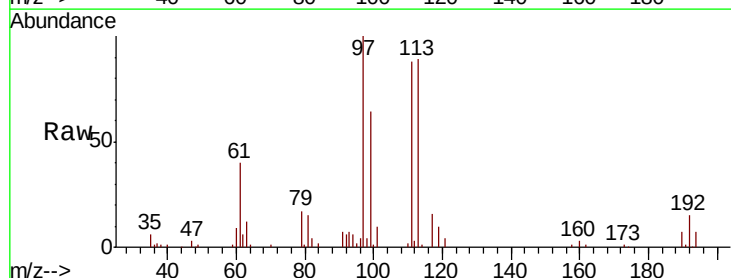
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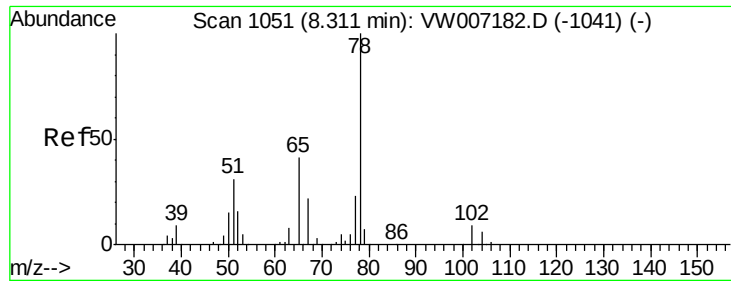
apatel
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#32
1,1,1-Trichloroethane
Concen: 22.576 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion: 97 Resp: 35431
Ion Ratio Lower Upper
97 100
99 63.1 51.3 76.9
61 41.3 33.2 49.8





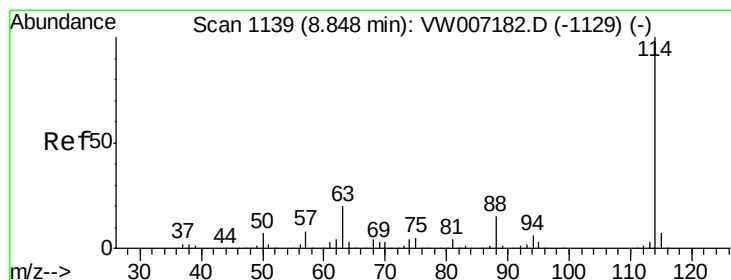
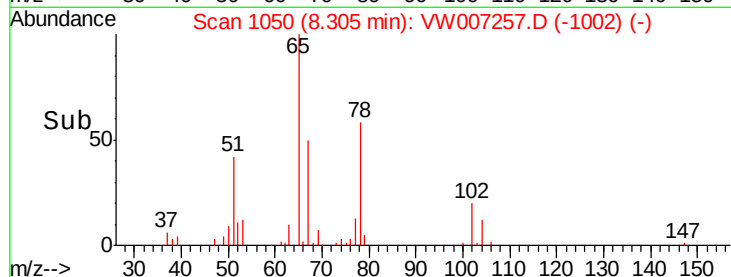
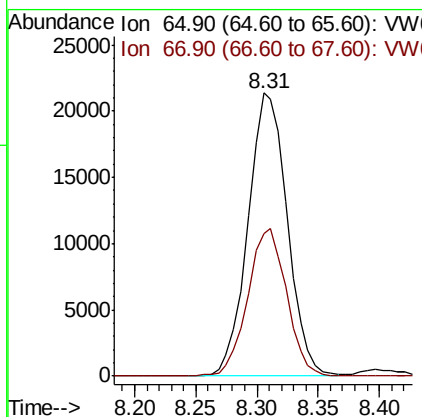
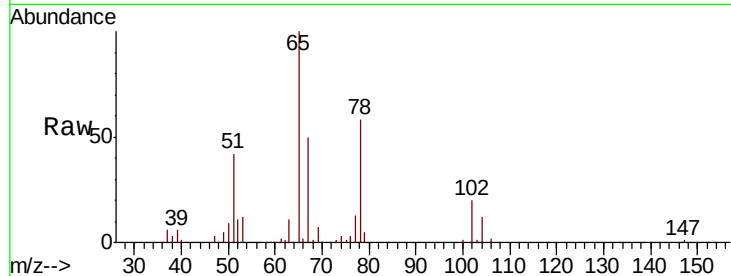
#33
 1,2-Dichloroethane-d4
 Concen: 56.506 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Tgt Ion: 65 Resp: 47806
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.4

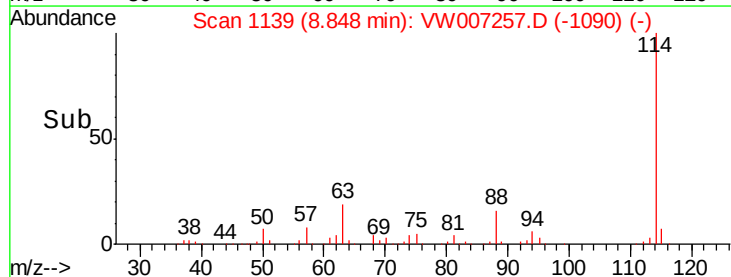
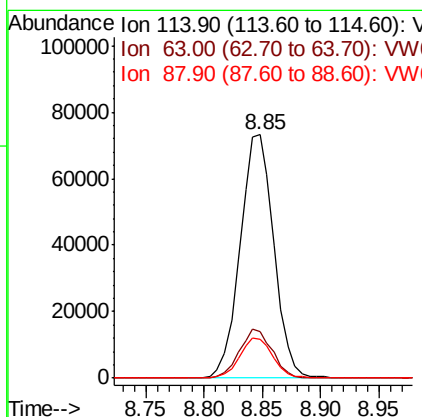
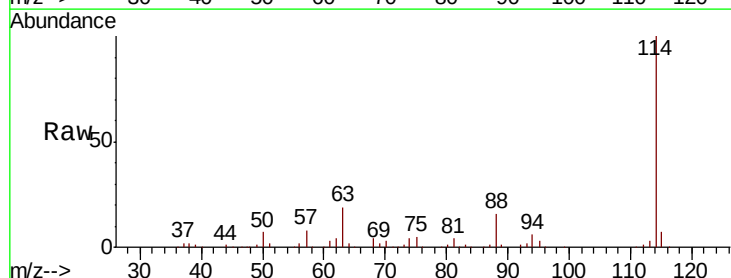
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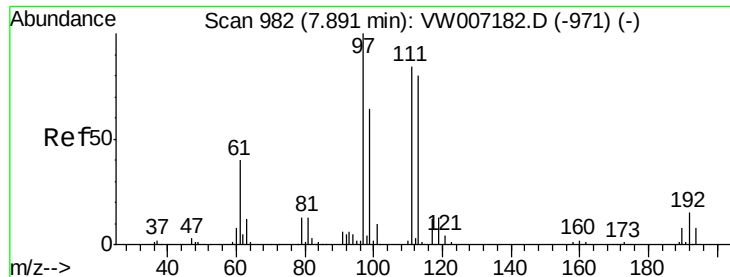
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Tgt Ion: 114 Resp: 147589
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.2
 88 16.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 53.542 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

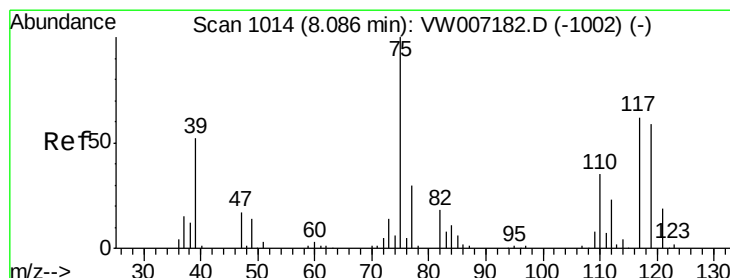
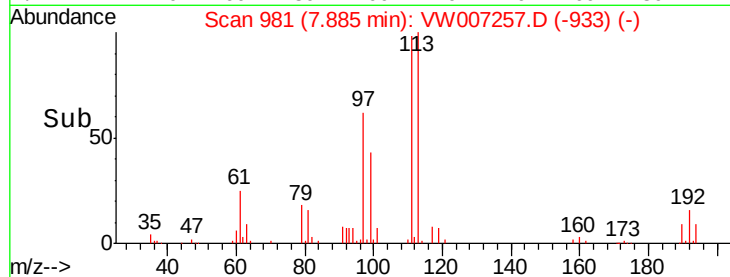
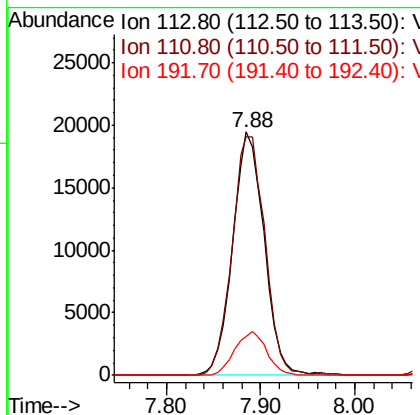
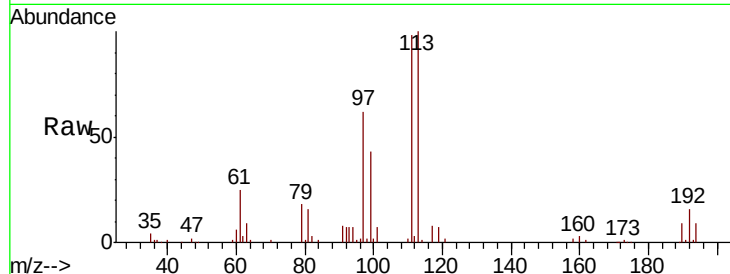
ClientSampleId :

VW1205SBS02

Tgt Ion:	113	Resp:	45248
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.2	123.4
192	18.2	14.4	21.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.468 ug/l

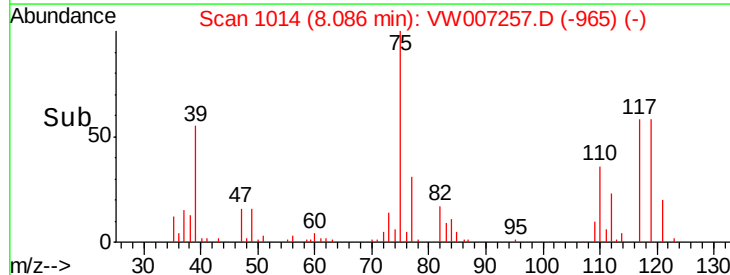
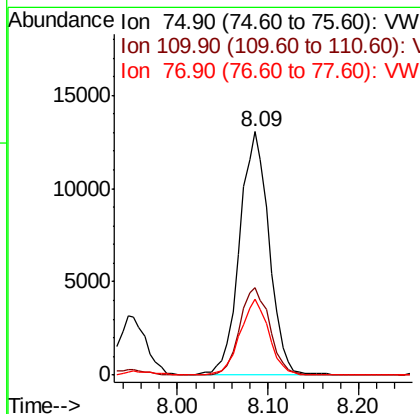
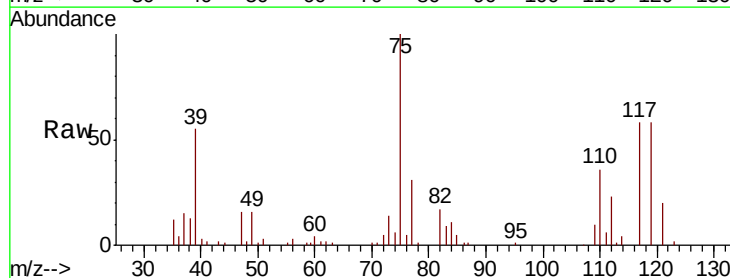
RT: 8.09 min Scan# 1014

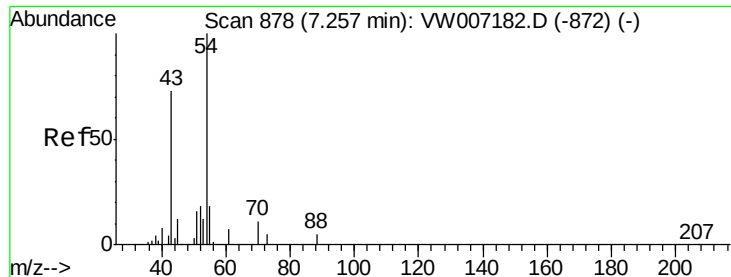
Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Tgt Ion:	75	Resp:	29393
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.3	54.9
77	30.4	24.9	37.3





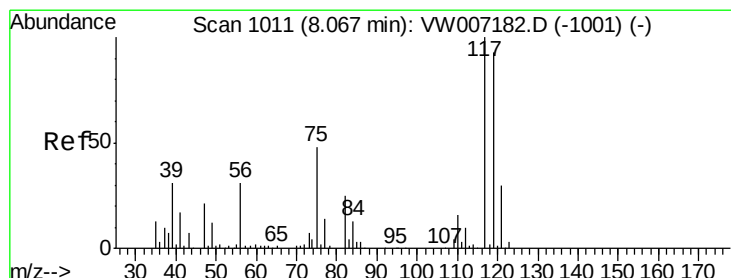
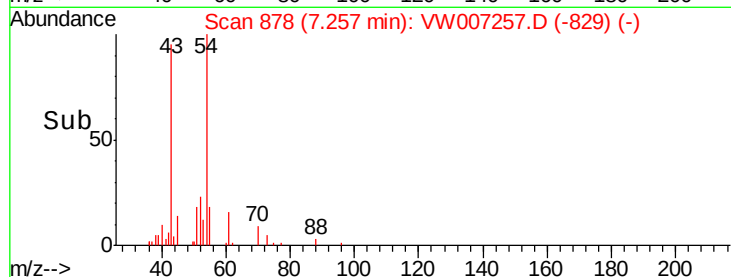
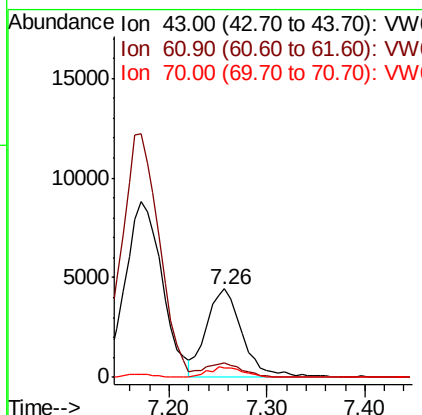
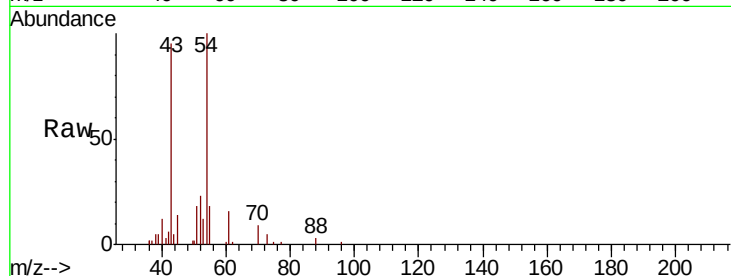
#37
Ethyl Acetate
Concen: 21.878 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.1	18.1
70	11.0	9.1	13.7

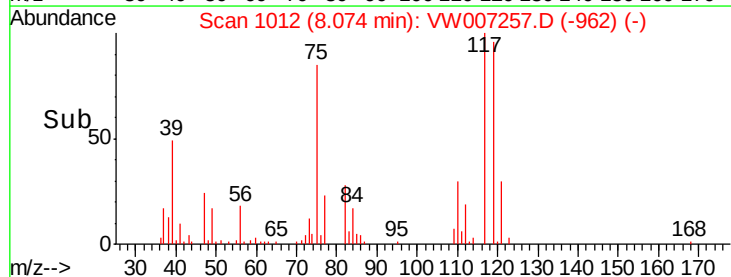
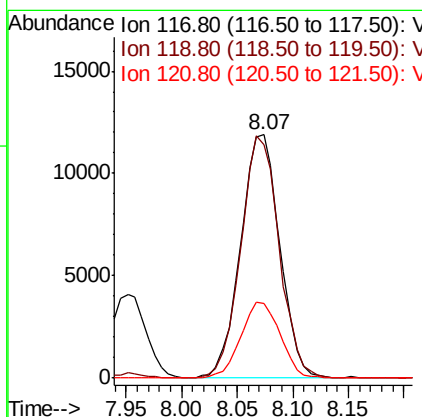
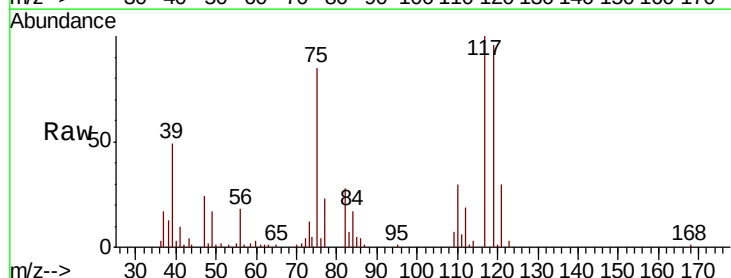
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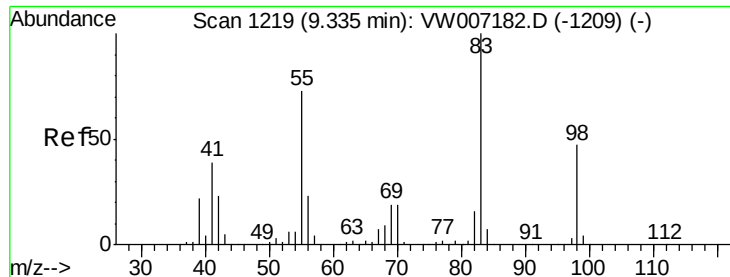
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#38
Carbon Tetrachloride
Concen: 19.809 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	74.1	111.1
121	30.4	23.9	35.9





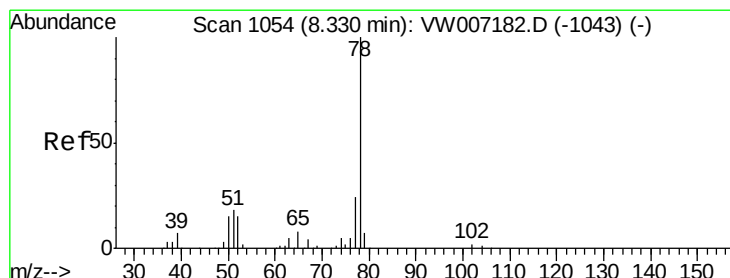
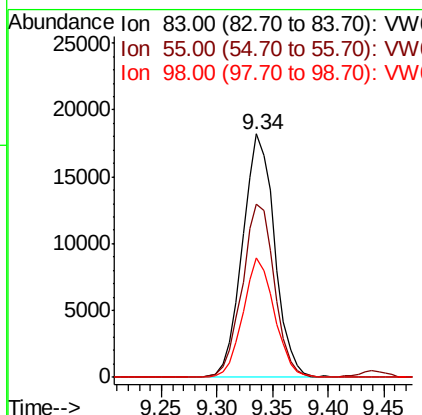
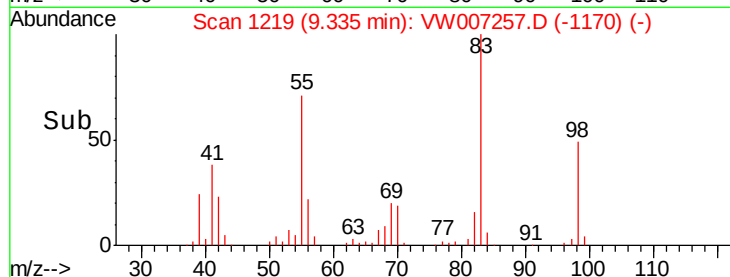
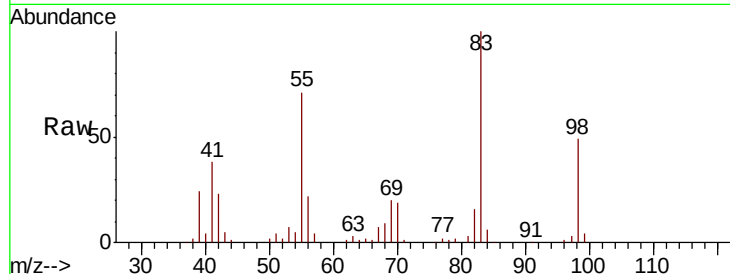
#39
Methylcyclohexane
Concen: 19.002 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	36530		
55	70.9	58.1	87.1	
98	48.8	37.3	55.9	

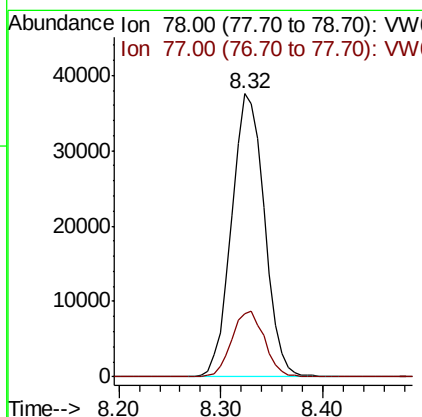
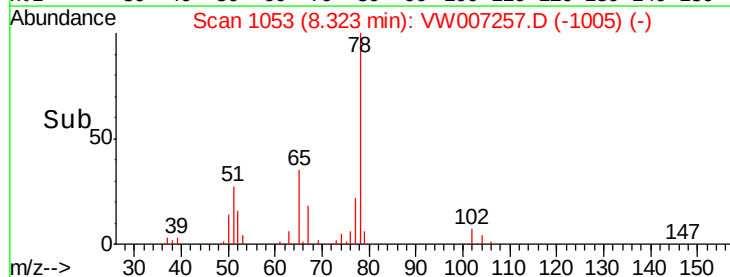
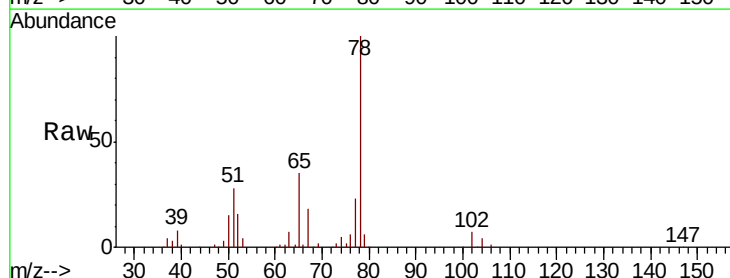
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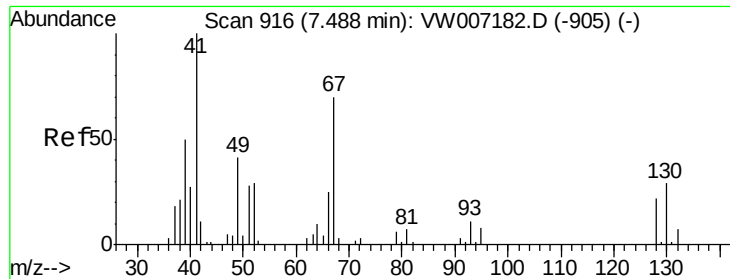
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#40
Benzene
Concen: 21.265 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	83740		
77	22.5	18.9	28.3	





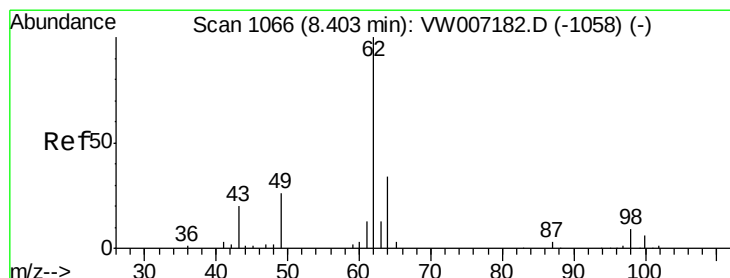
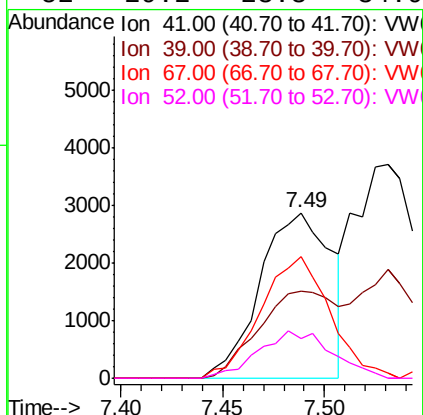
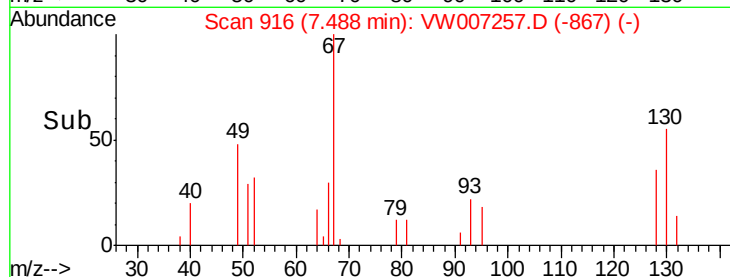
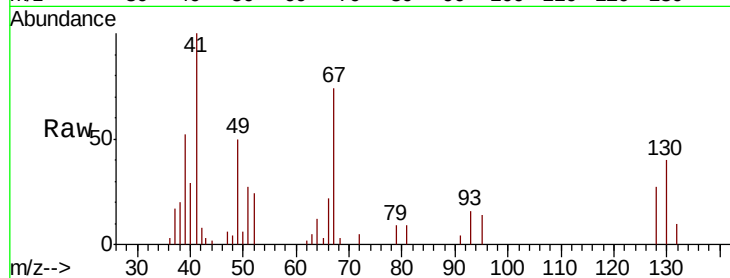
#41
Methacrylonitrile
Concen: 22.504 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion:	41	Resp:	7002
Ion	Ratio	Lower	Upper
41	100		
39	56.2	43.4	65.0
67	72.0	57.4	86.0
52	29.2	23.3	34.9

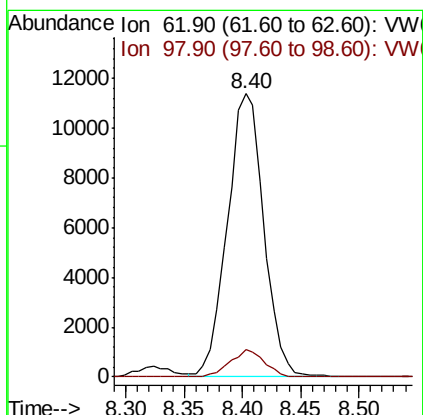
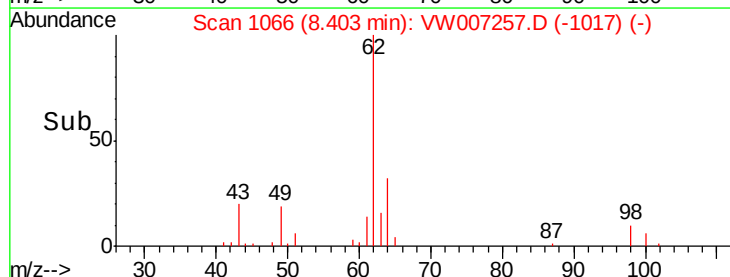
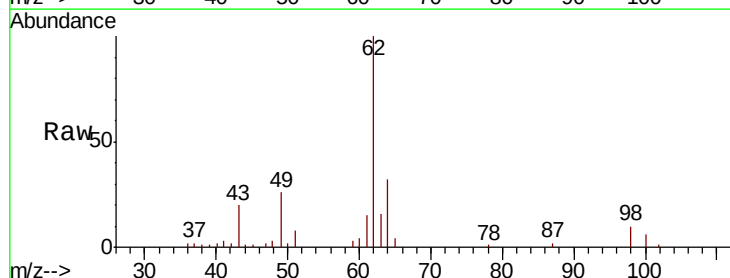
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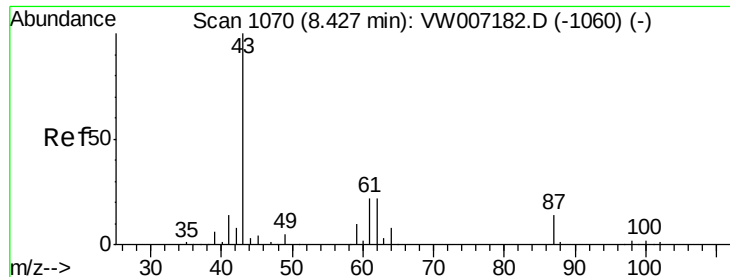
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#42
1,2-Dichloroethane
Concen: 22.519 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion:	62	Resp:	24783
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 21.590 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

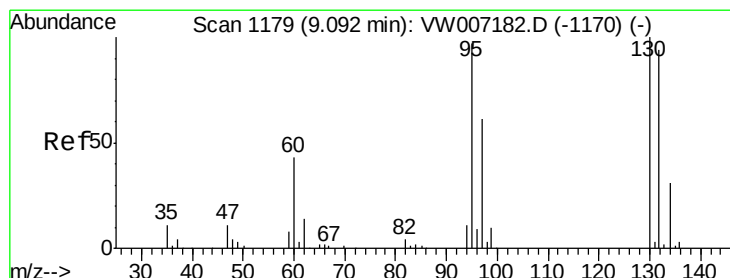
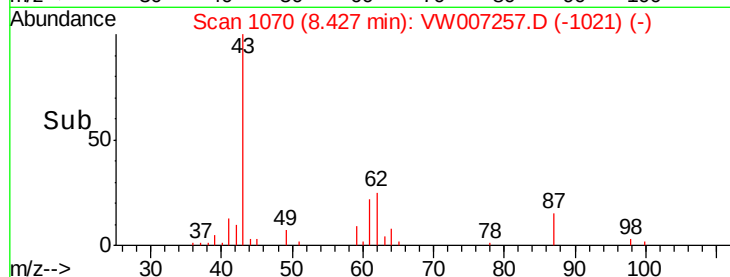
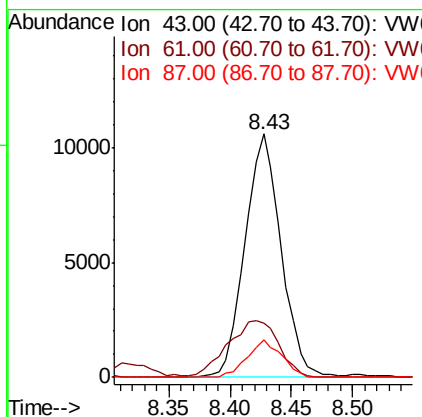
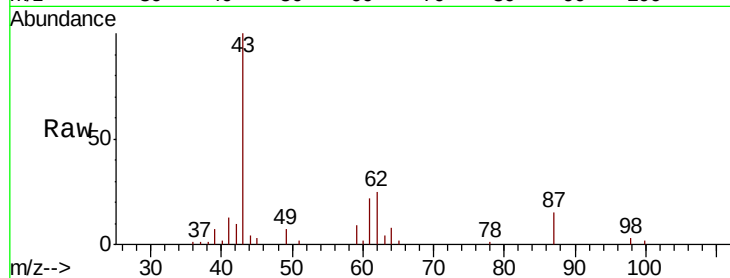
ClientSampled :

VW1205SBS02

Tgt Ion:	43	Resp:	21782
Ion	Ratio	Lower	Upper
43	100		
61	32.9	25.4	38.0
87	14.4	11.4	17.0

Manual Integrations
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#44

Trichloroethene

Concen: 21.997 ug/l

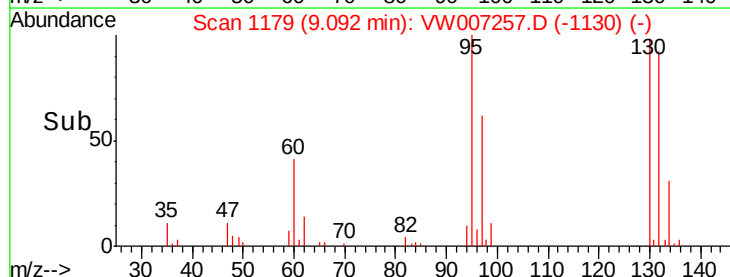
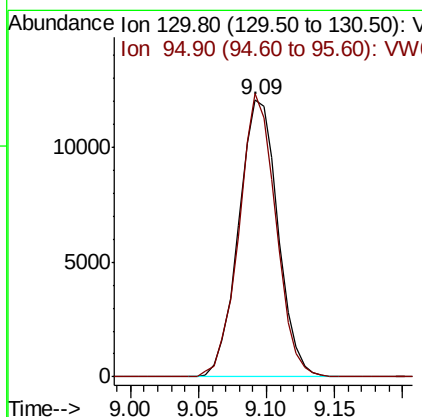
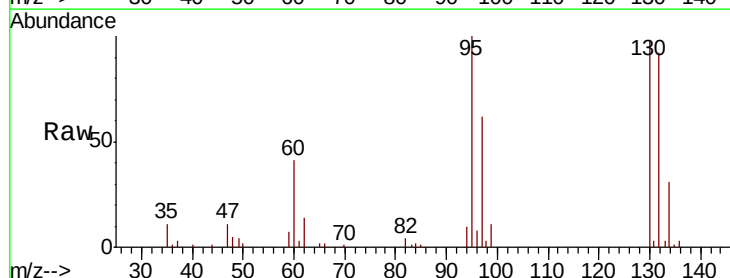
RT: 9.09 min Scan# 1179

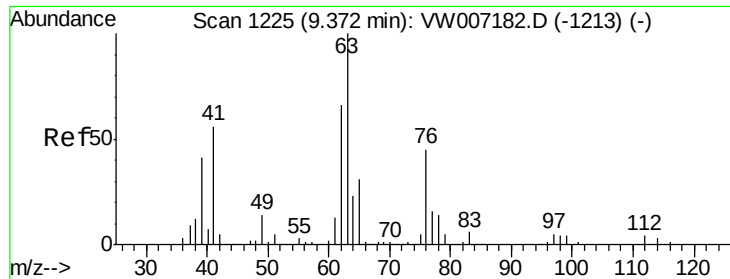
Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Tgt Ion:	130	Resp:	24349
Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	194.0





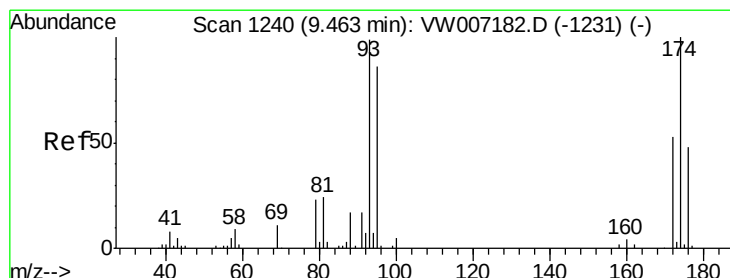
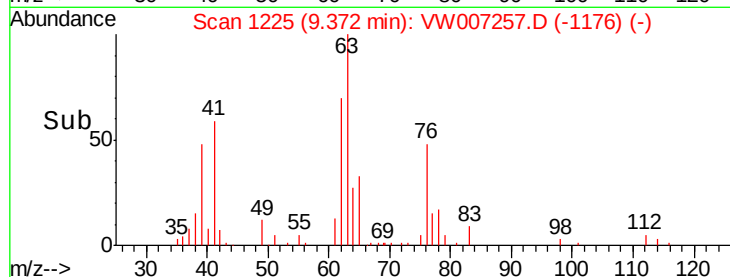
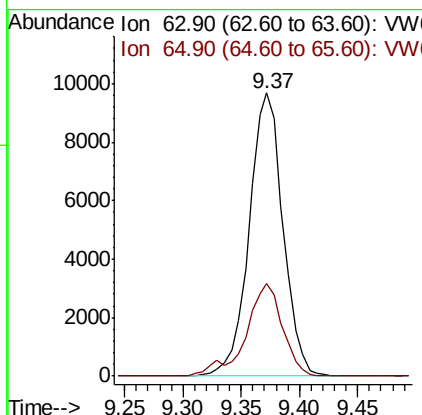
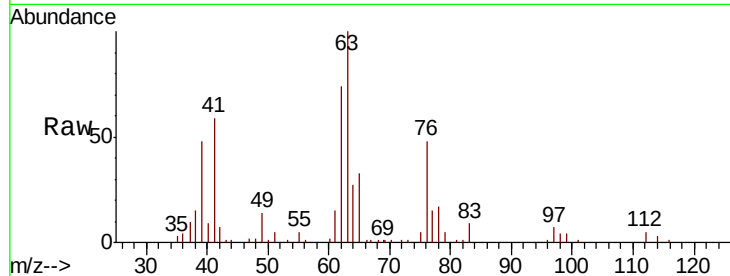
#45
 1,2-Dichloropropane
 Concen: 21.298 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Tgt Ion: 63 Resp: 19517
 Ion Ratio Lower Upper
 63 100
 65 32.7 25.0 37.4

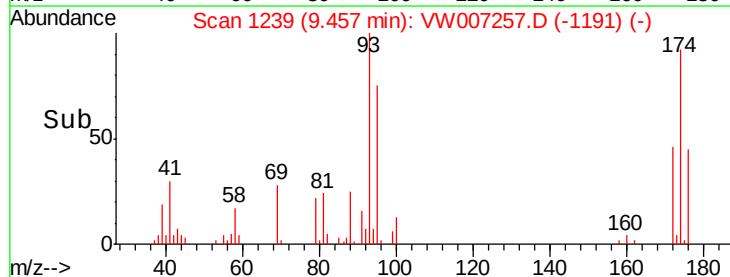
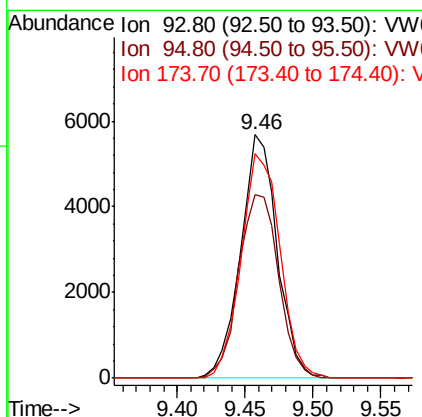
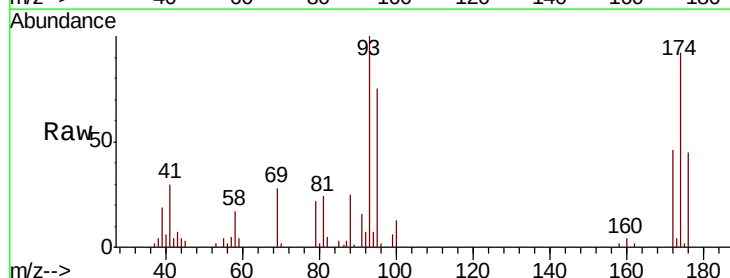
Manual Integrations
 APPROVED

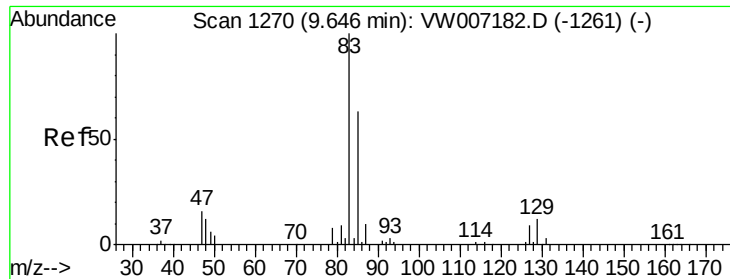
apatel
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#46
 Dibromomethane
 Concen: 22.500 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Tgt Ion: 93 Resp: 10714
 Ion Ratio Lower Upper
 93 100
 95 82.6 68.7 103.1
 174 98.0 82.9 124.3





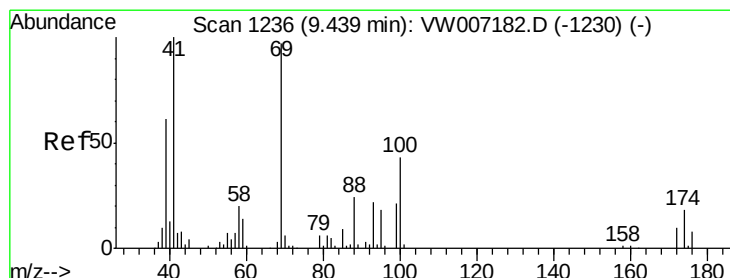
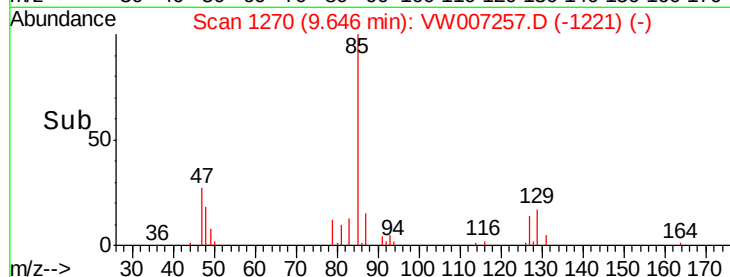
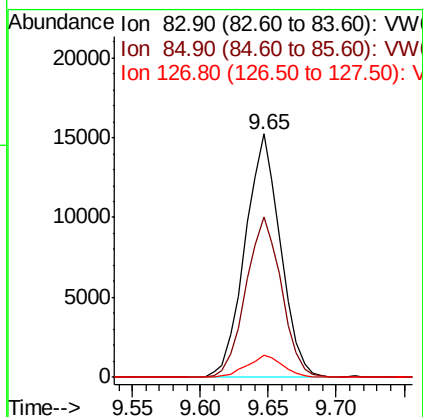
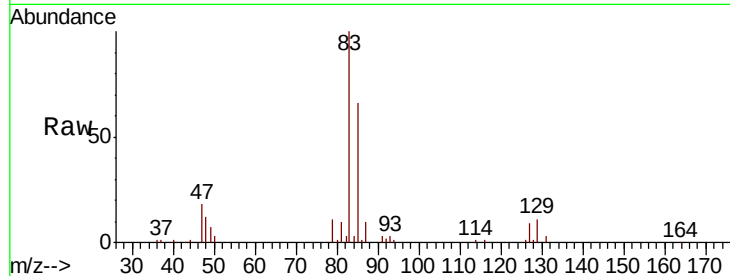
#47
Bromodichloromethane
Concen: 22.143 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	27735		
85	65.9	50.6	76.0	
127	9.0	7.3	10.9	

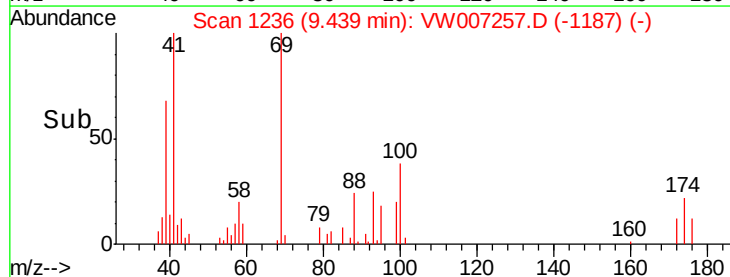
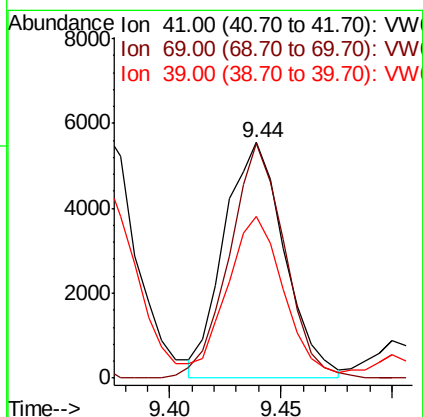
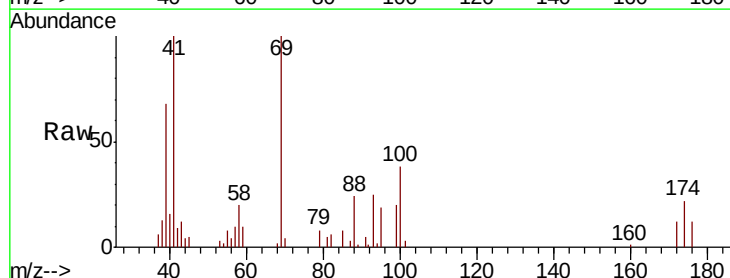
Manual Integrations
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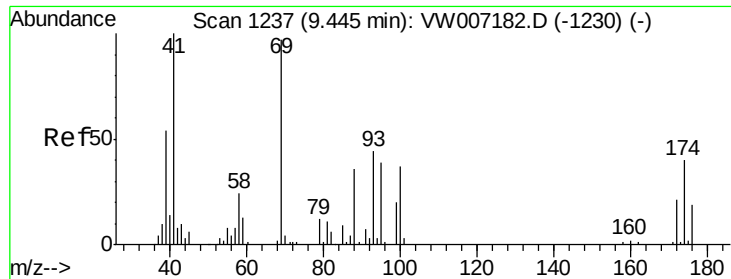
apatel
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#48
Methyl methacrylate
Concen: 19.986 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	10465		
69	91.3	69.6	104.4	
39	59.4	42.4	63.6	





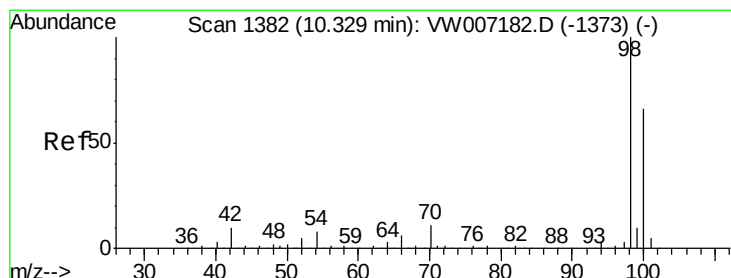
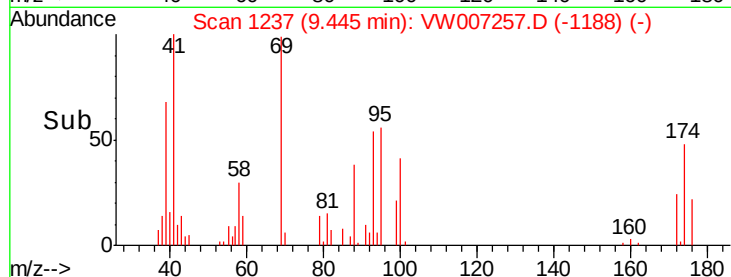
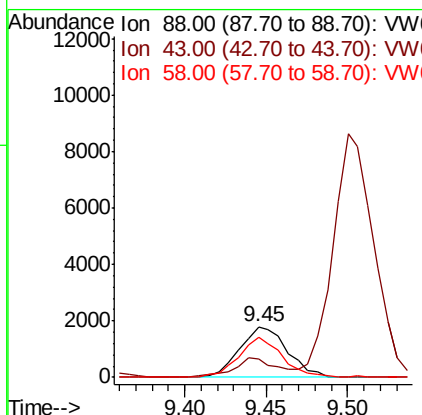
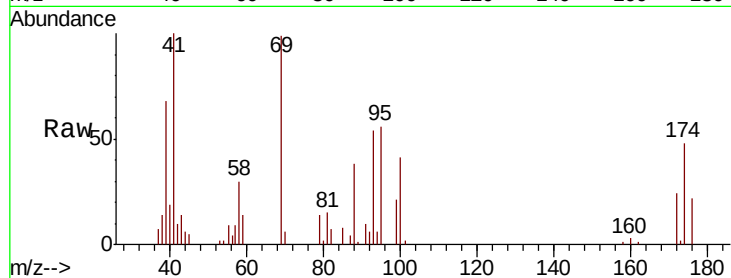
#49
1,4-Dioxane
Concen: 436.749 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampled :
VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.8	38.8
58	72.0	58.9	88.3

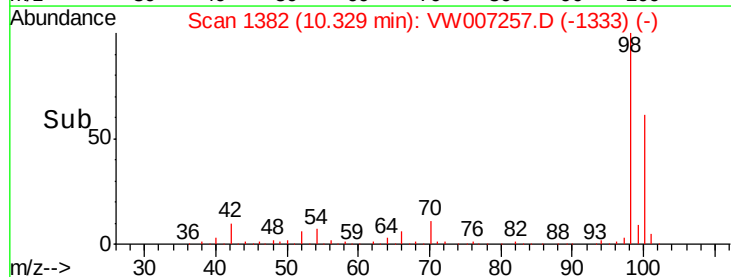
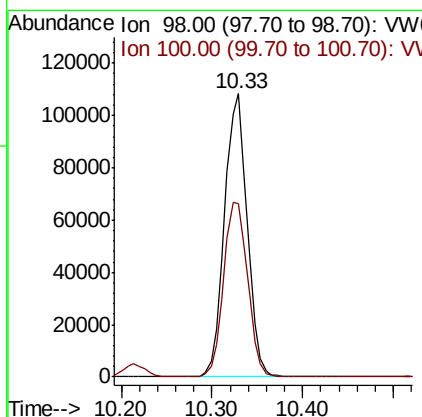
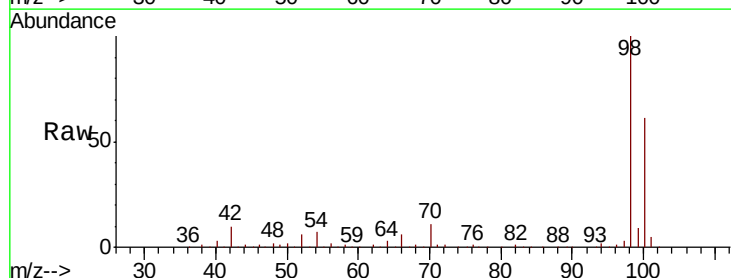
Manual Integrations
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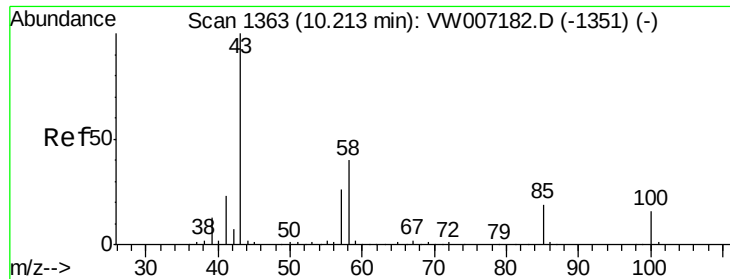
apatel
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#50
Toluene-d8
Concen: 50.699 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.7	79.1





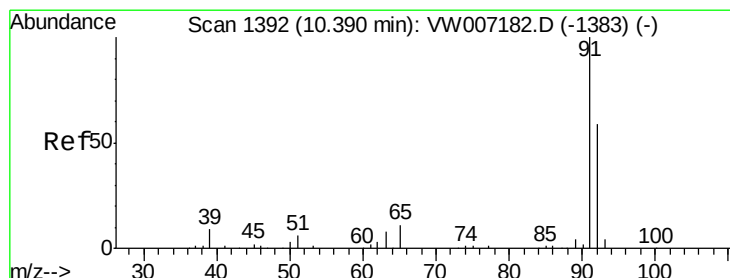
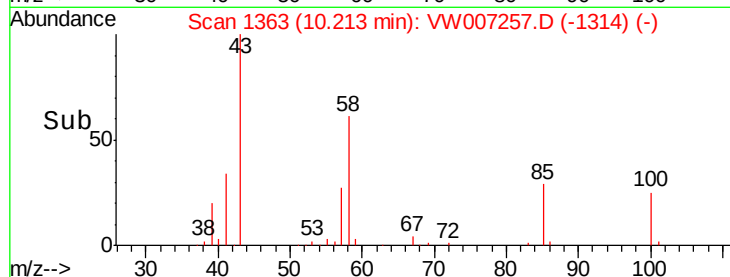
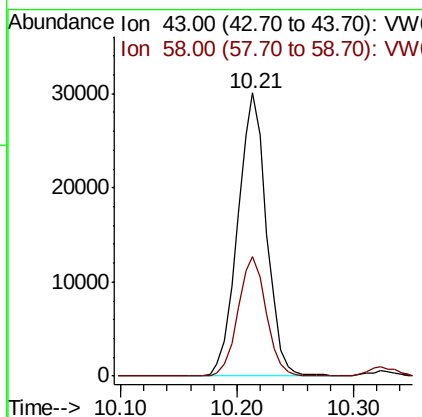
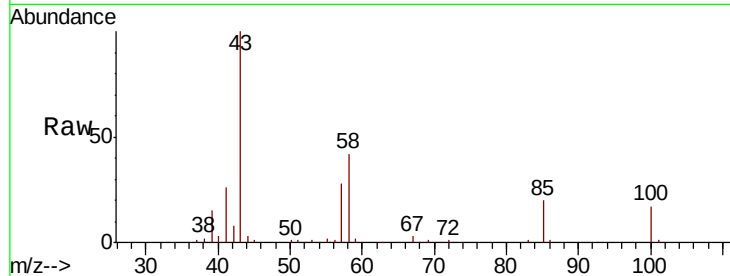
#51
4-Methyl-2-Pentanone
Concen: 104.260 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampled :
VW1205SBS02

Tgt Ion: 43 Resp: 51837
Ion Ratio Lower Upper
43 100
58 41.1 32.3 48.5

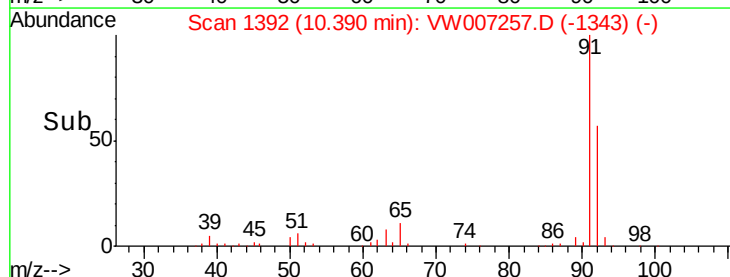
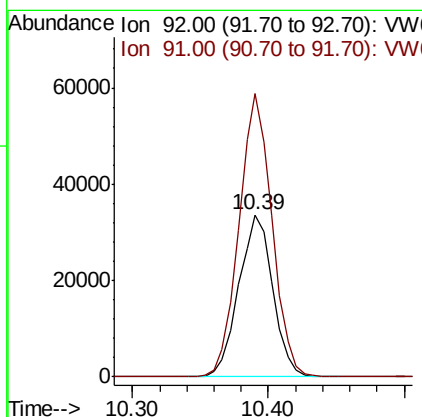
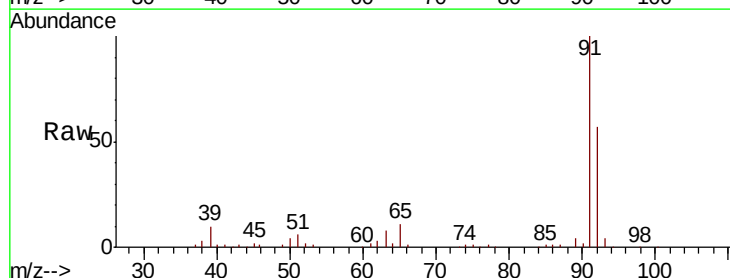
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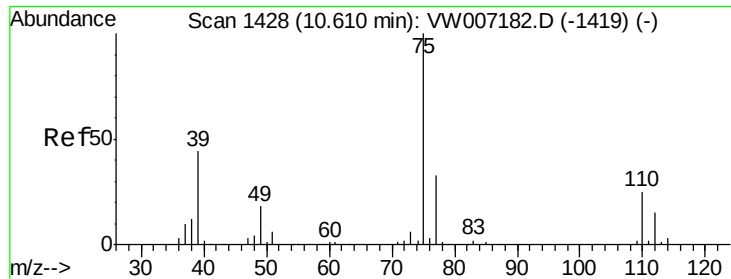
apatel
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#52
Toluene
Concen: 21.370 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion: 92 Resp: 58539
Ion Ratio Lower Upper
92 100
91 169.6 136.0 204.0





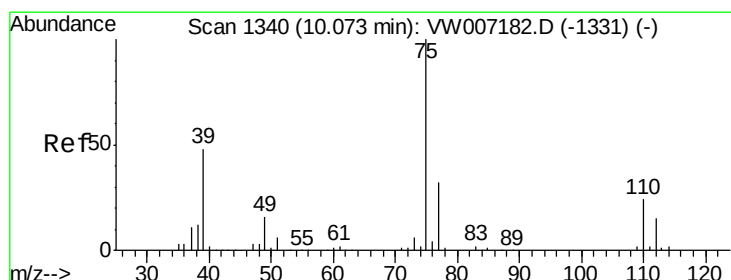
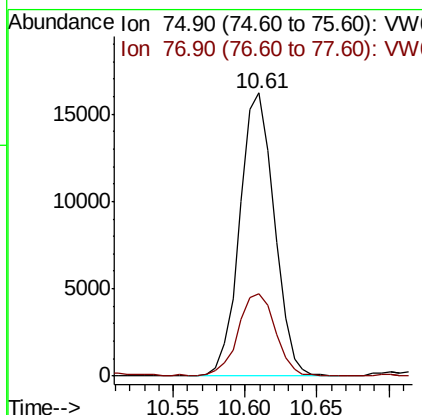
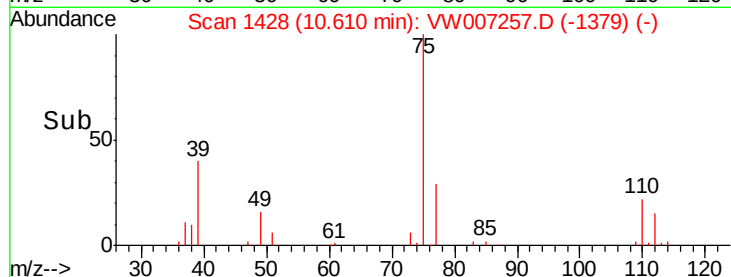
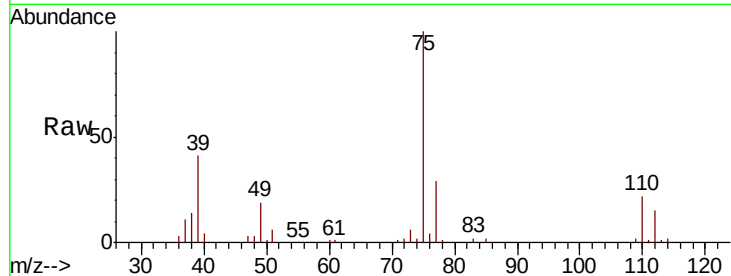
#53
 t-1,3-Dichloropropene
 Concen: 21.406 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Tgt Ion: 75 Resp: 26956
 Ion Ratio Lower Upper
 75 100
 77 29.3 26.2 39.2

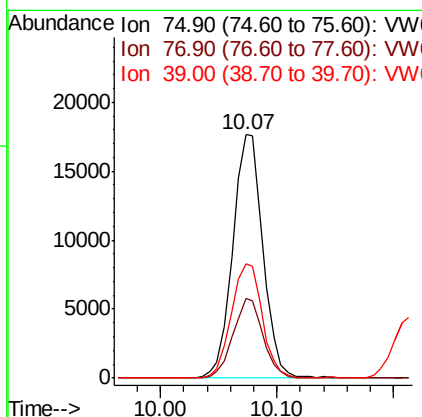
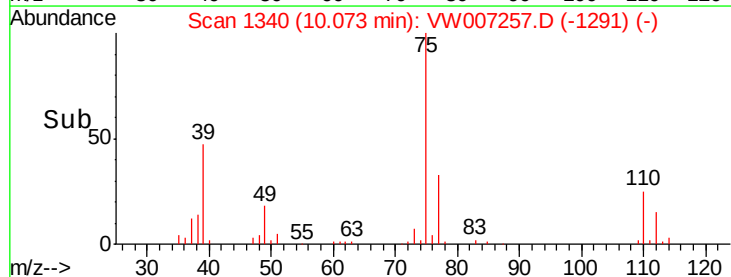
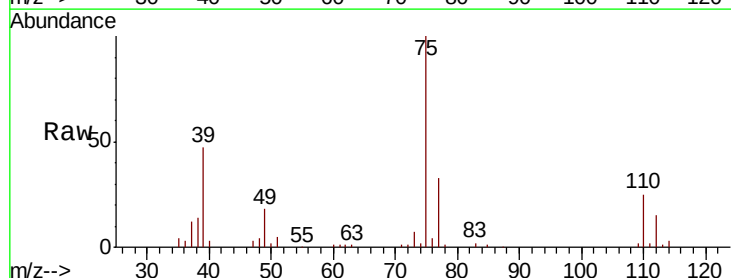
Manual Integrations
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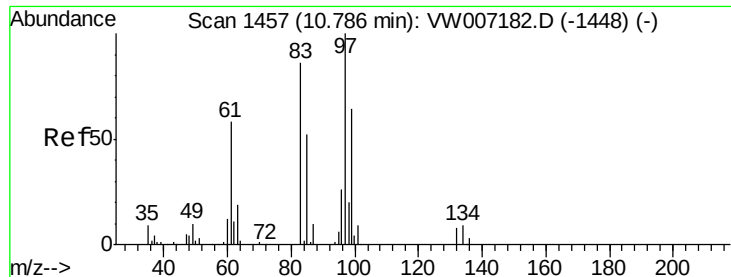
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#54
 cis-1,3-Dichloropropene
 Concen: 21.525 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Tgt Ion: 75 Resp: 31766
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.0 39.0
 39 47.2 38.0 57.0





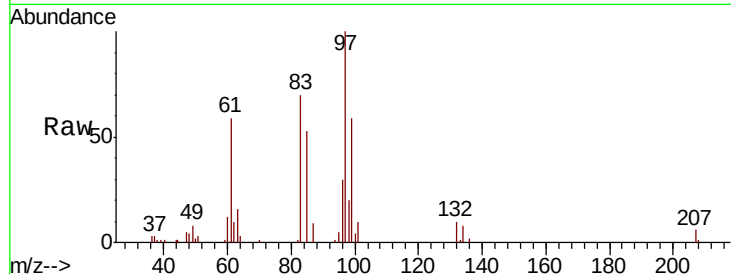
#55
 1,1,2-Trichloroethane
 Concen: 22.750 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

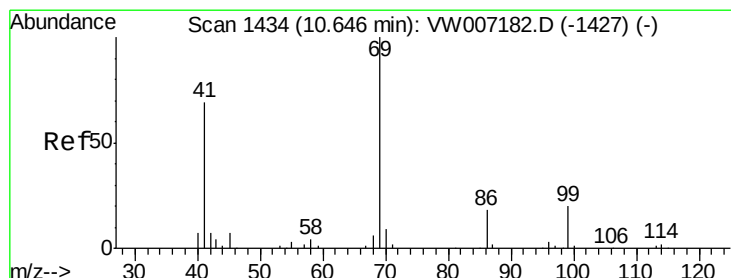
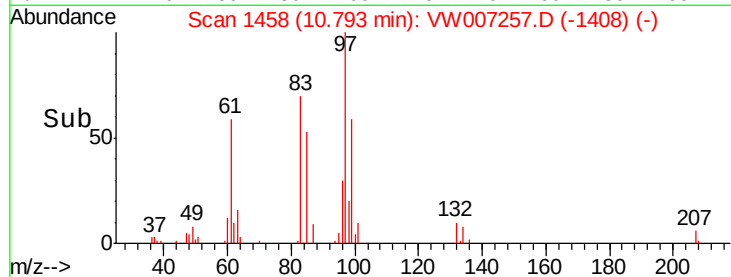
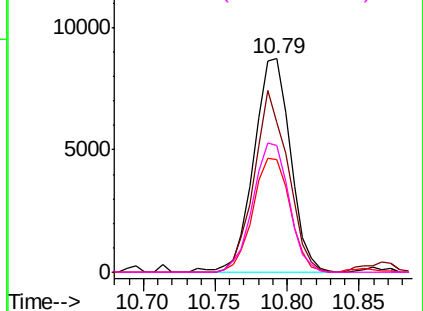
Tgt Ion	Ratio	Lower	Upper
97	100		
83	70.4	68.6	102.8
85	52.7	41.4	62.2
99	59.5	51.2	76.8

Manual Integrations
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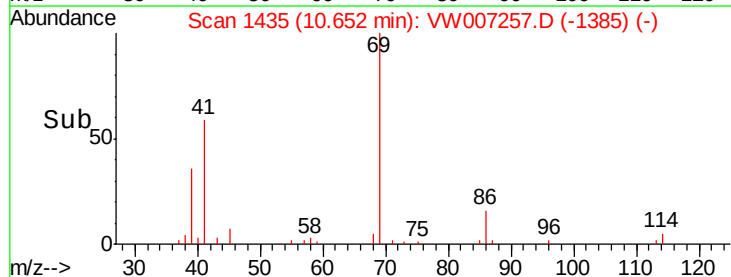
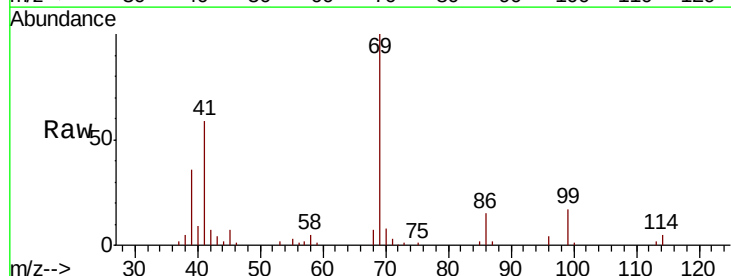
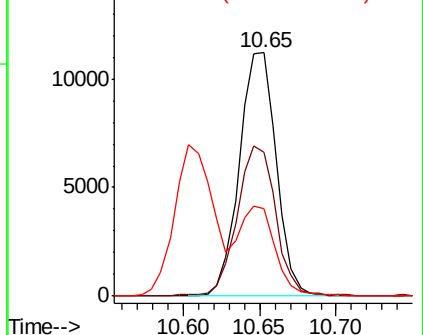
Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

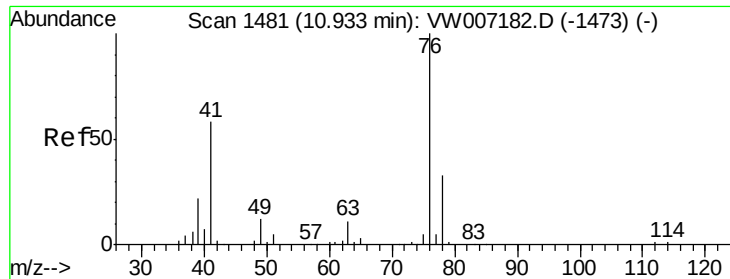


#56
 Ethyl methacrylate
 Concen: 21.308 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.5	51.8	77.6
39	37.3	28.7	43.1

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





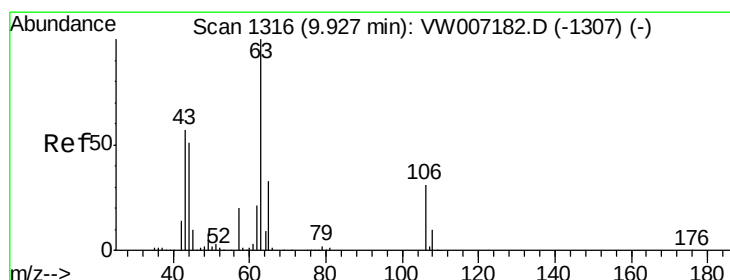
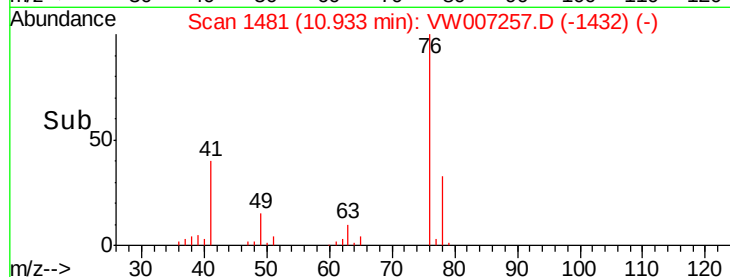
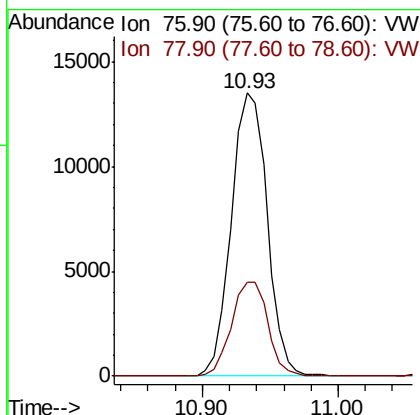
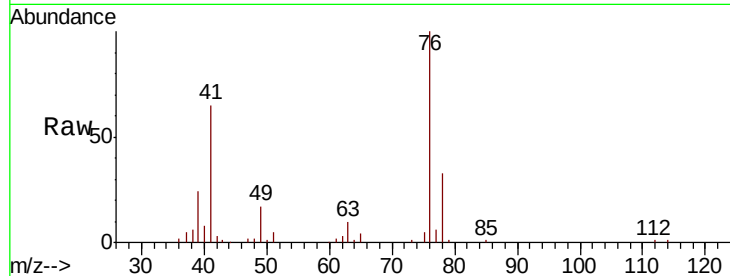
#57
 1,3-Dichloropropane
 Concen: 21.695 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Tgt Ion: 76 Resp: 24809
 Ion Ratio Lower Upper
 76 100
 78 33.6 26.6 40.0

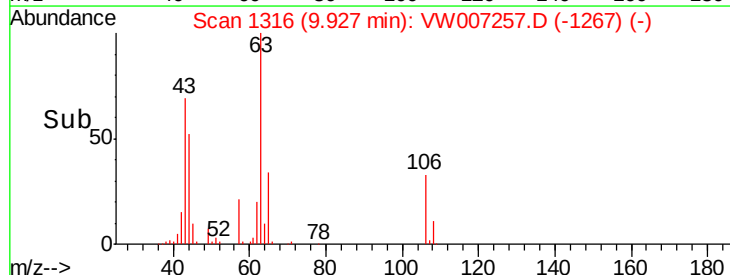
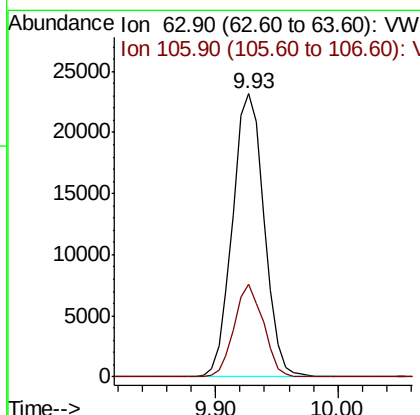
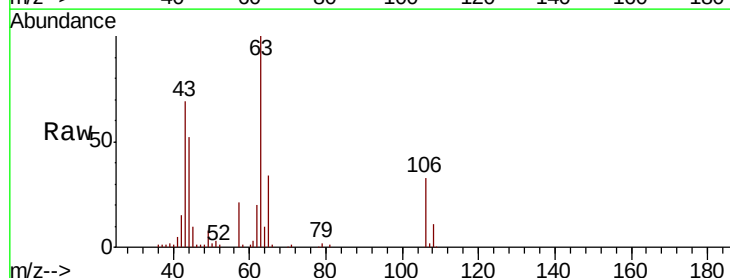
Manual Integrations
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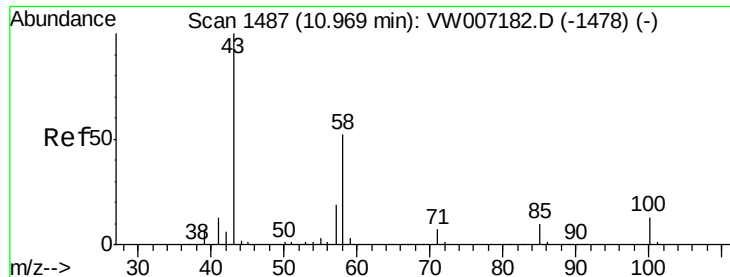
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#58
 2-Chloroethyl Vinyl ether
 Concen: 116.707 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Tgt Ion: 63 Resp: 41417
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.1 36.1





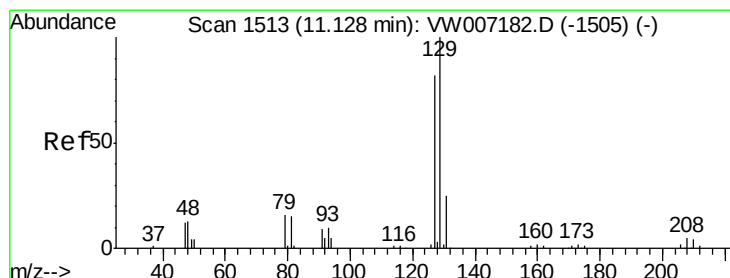
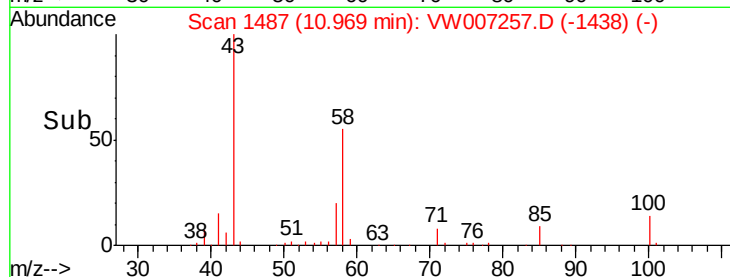
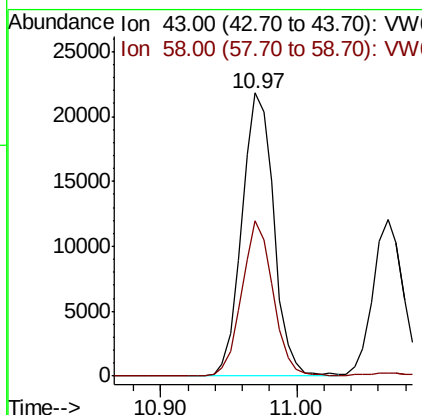
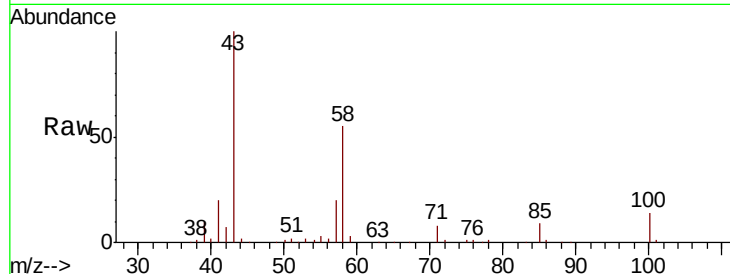
#59
2-Hexanone
Concen: 99.379 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion: 43 Resp: 35818
Ion Ratio Lower Upper
43 100
58 53.6 28.1 84.4

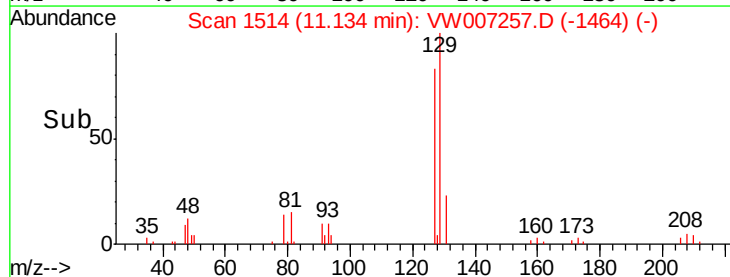
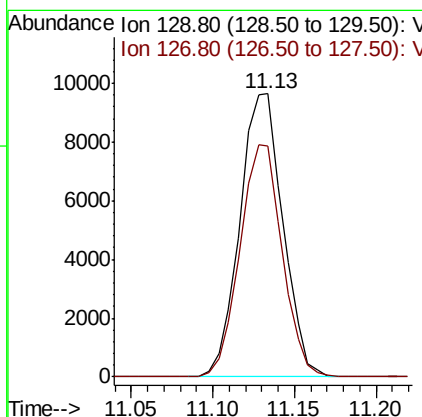
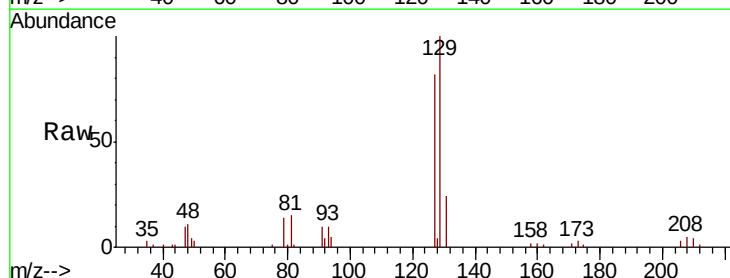
Manual Integrations
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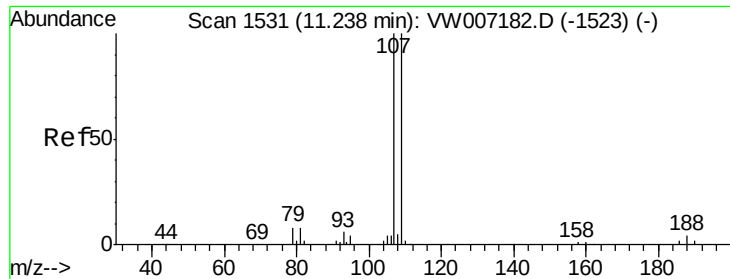
apatel
12/6/2018 12:56:22 PM



#60
Dibromochloromethane
Concen: 21.331 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion: 129 Resp: 17757
Ion Ratio Lower Upper
129 100
127 80.3 39.8 119.4





#61

1,2-Dibromoethane

Concen: 22.819 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS02

Tgt Ion: 107 Resp: 14824

Ion Ratio Lower Upper

107 100

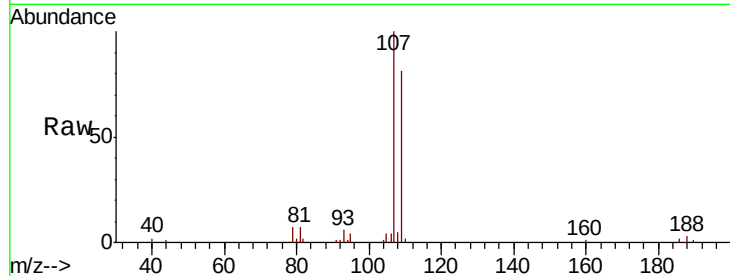
109 89.6 77.3 115.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

8000

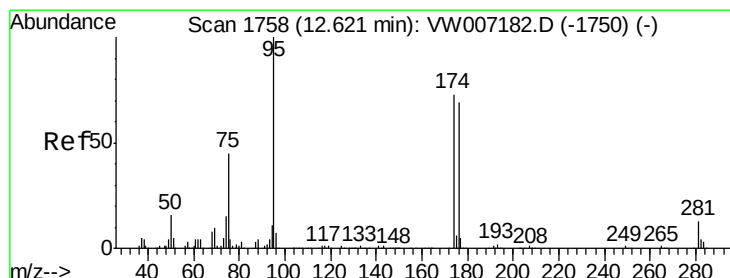
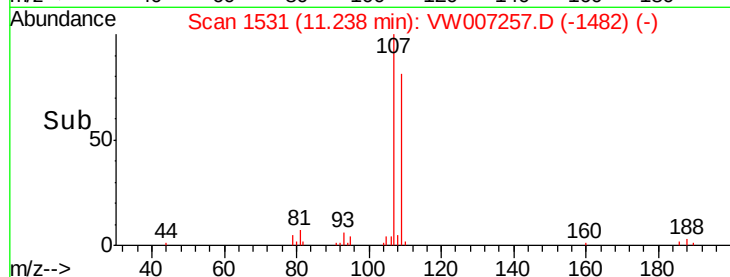
6000

4000

2000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 49.056 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

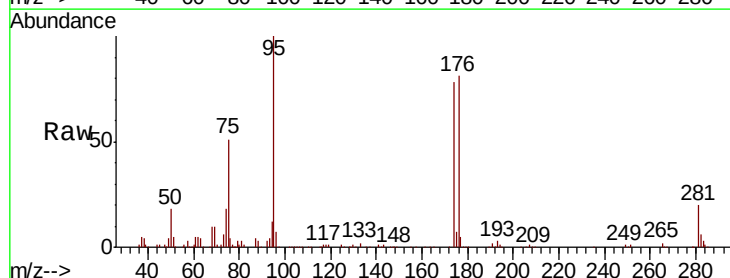
Tgt Ion: 95 Resp: 68927

Ion Ratio Lower Upper

95 100

174 76.4 0.0 148.0

176 75.9 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

50000

40000

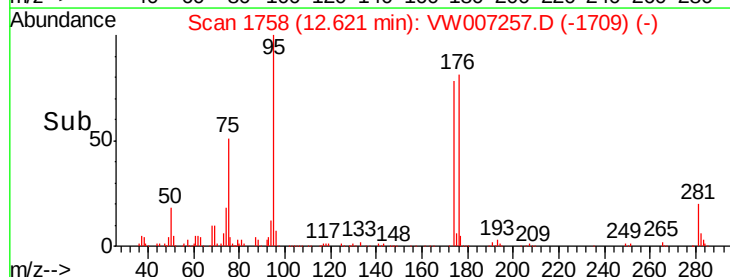
30000

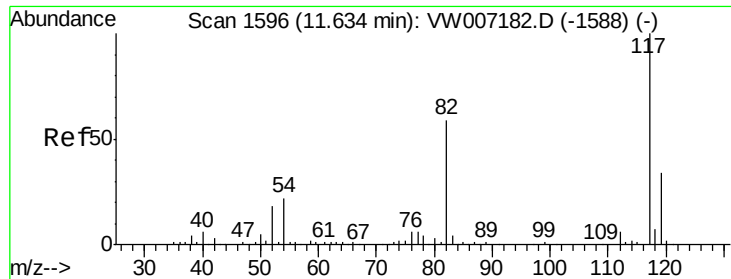
20000

10000

0

Time--> 12.55 12.60 12.65 12.70





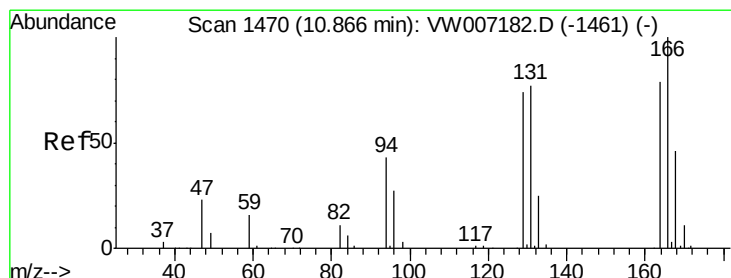
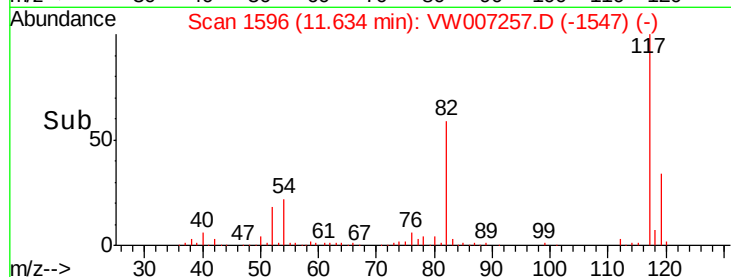
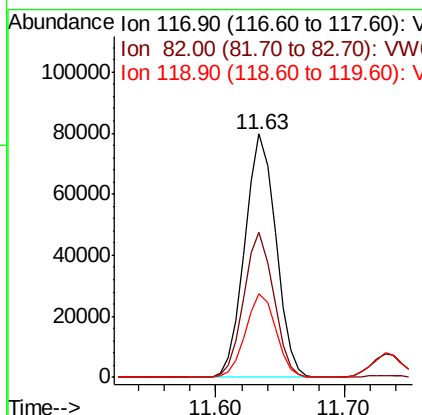
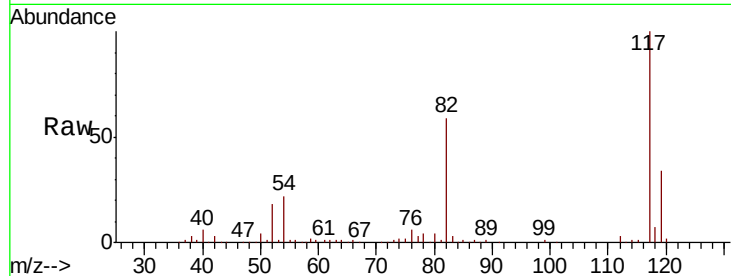
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.4	47.4	71.2
119	34.1	26.8	40.2

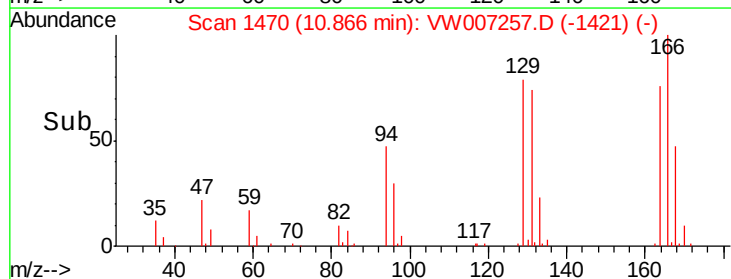
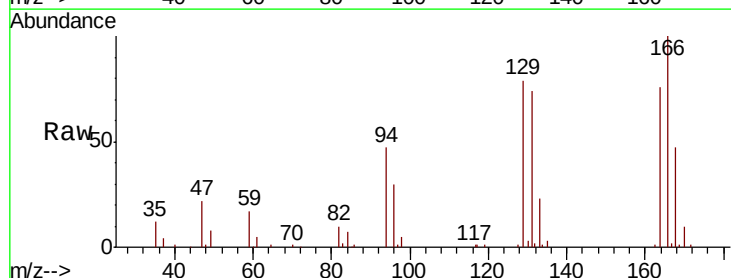
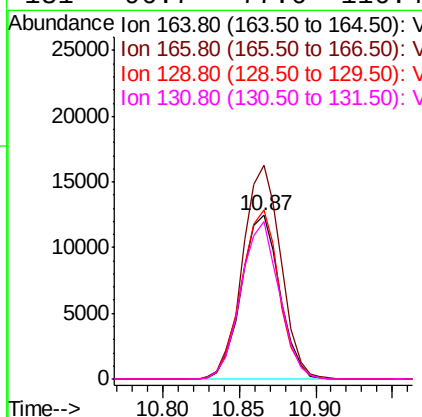
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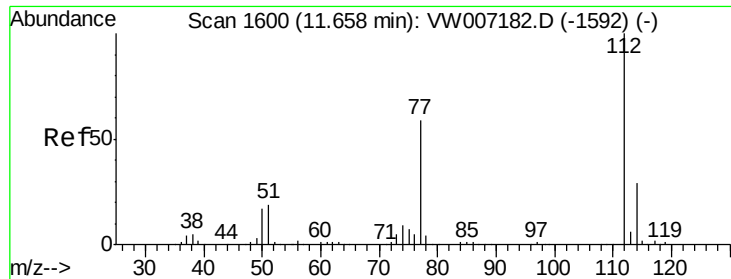
apatel
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#64
Tetrachloroethene
Concen: 22.276 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	101.0	151.4
129	103.6	74.6	111.8
131	96.7	77.6	116.4





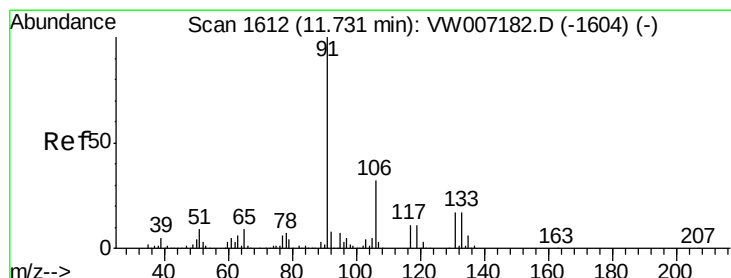
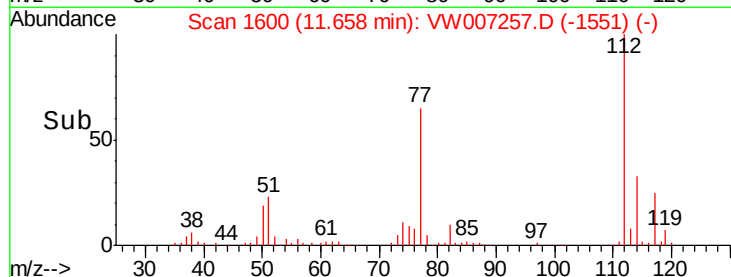
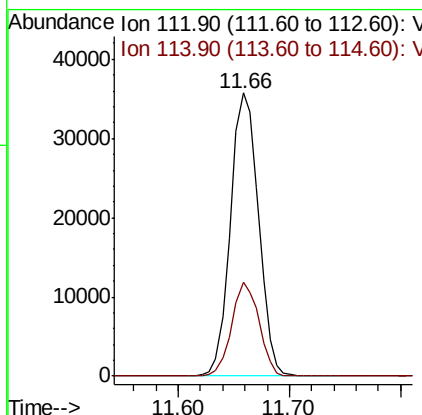
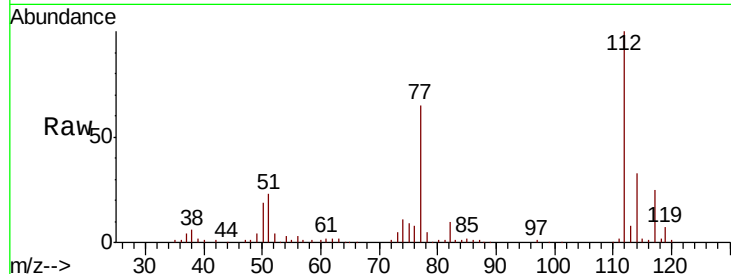
#65
Chlorobenzene
Concen: 20.923 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion:112 Resp: 62218
Ion Ratio Lower Upper
112 100
114 33.2 23.0 34.4

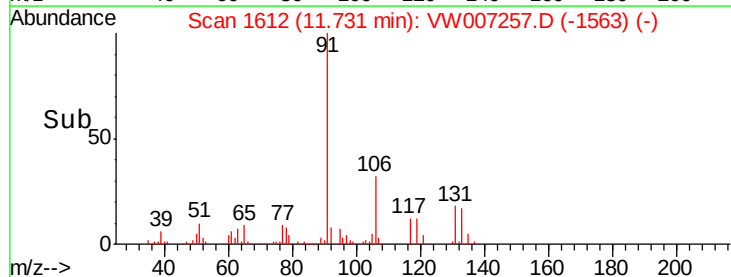
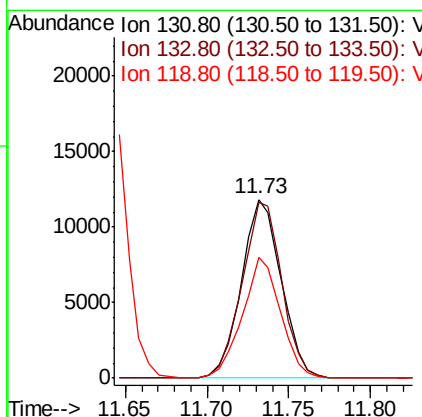
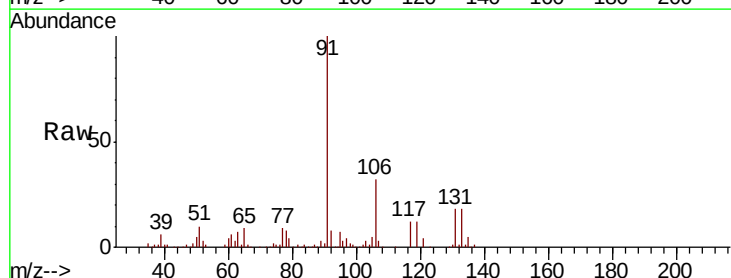
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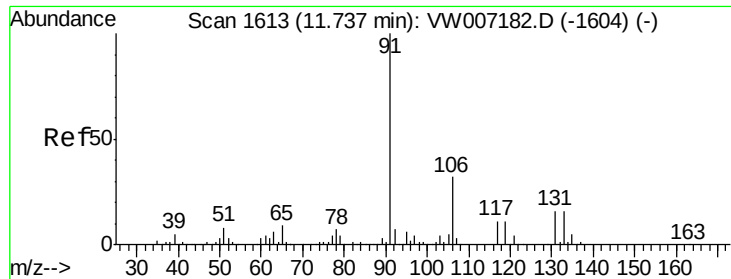
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.876 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion:131 Resp: 20090
Ion Ratio Lower Upper
131 100
133 98.2 48.0 144.2
119 64.9 32.8 98.4





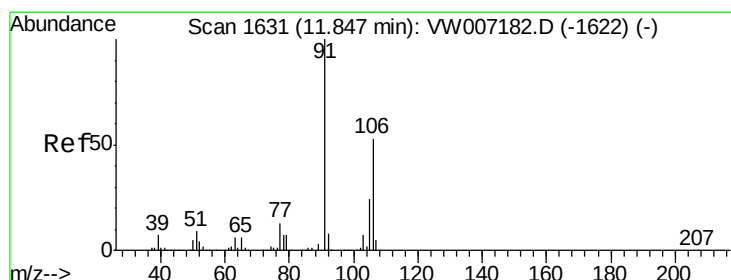
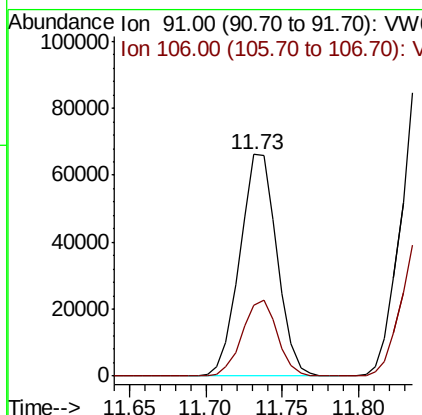
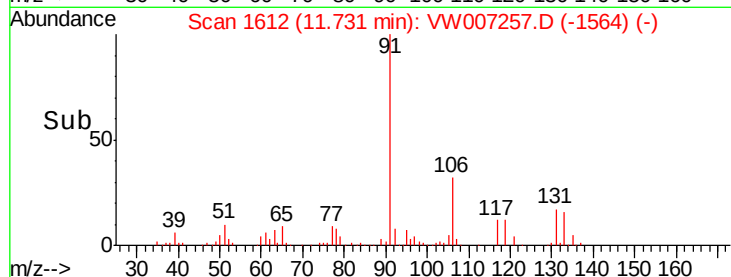
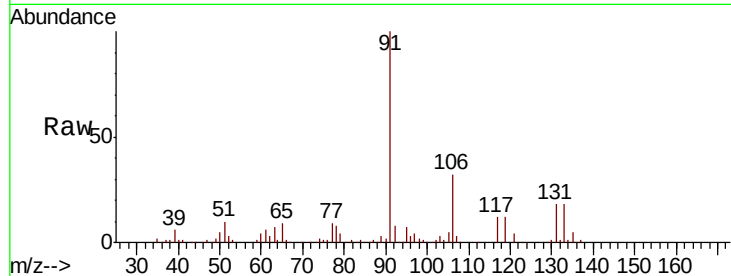
#67
Ethyl Benzene
Concen: 20.582 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion: 91 Resp: 111551
Ion Ratio Lower Upper
91 100
106 32.1 26.0 39.0

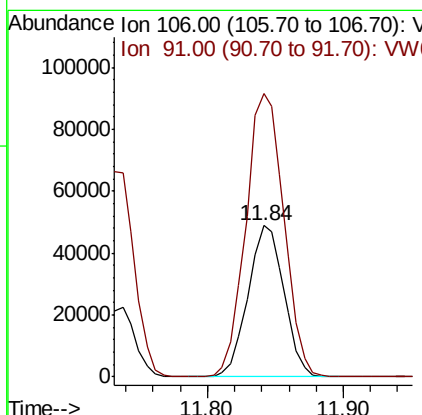
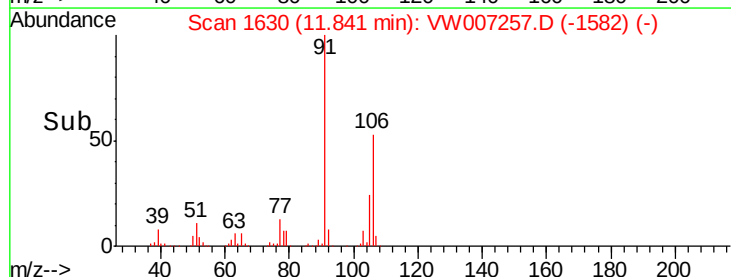
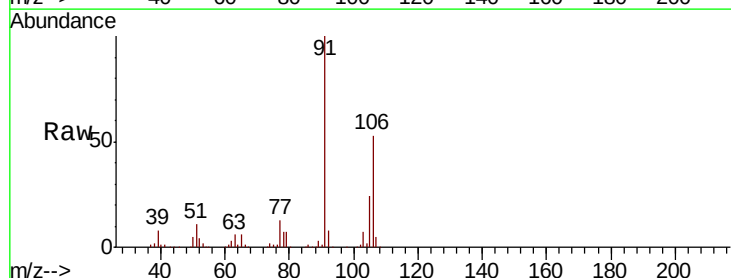
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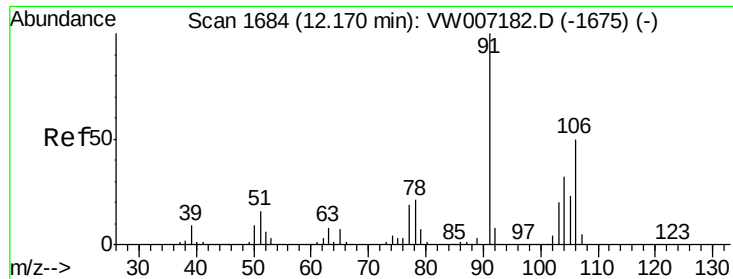
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#68
m/p-Xylenes
Concen: 42.583 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion: 106 Resp: 90540
Ion Ratio Lower Upper
106 100
91 197.7 160.2 240.4





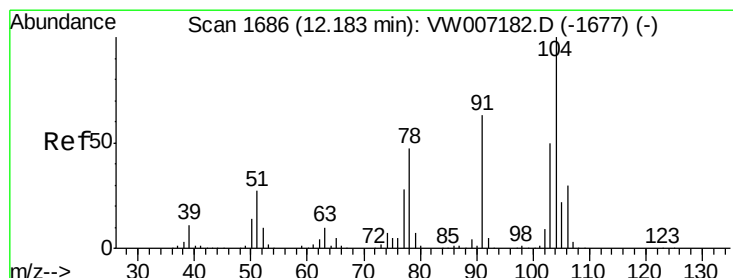
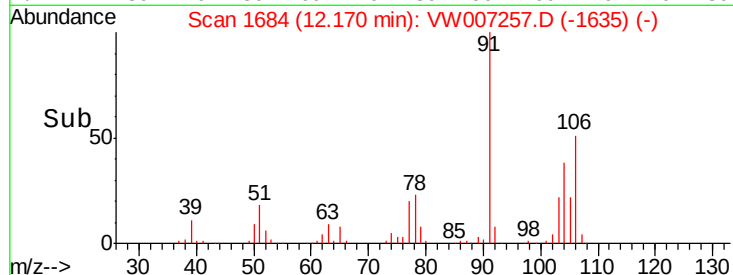
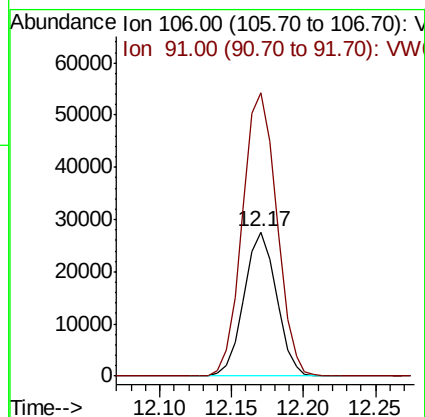
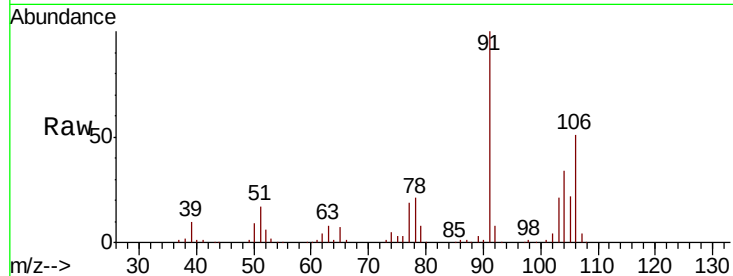
#69
o-Xylene
Concen: 21.735 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion:106 Resp: 43177
Ion Ratio Lower Upper
106 100
91 208.1 104.9 314.7

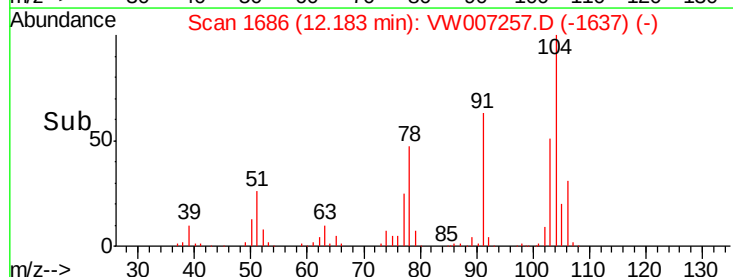
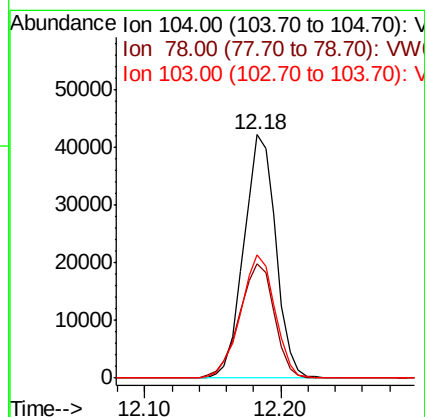
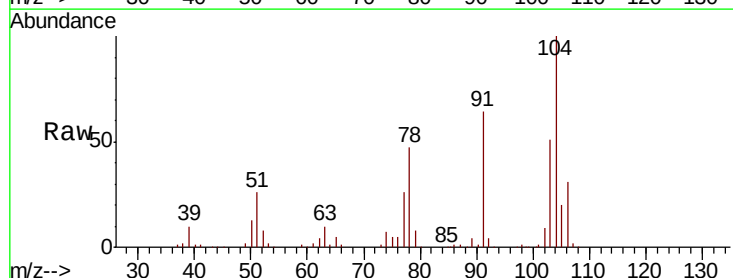
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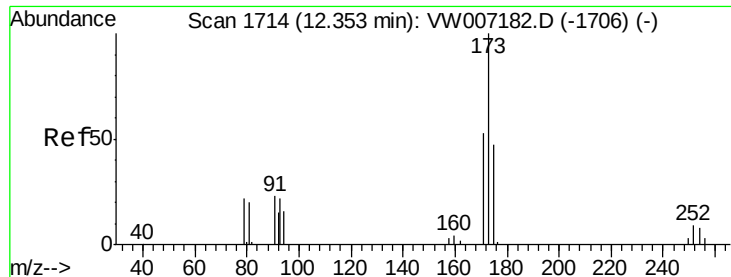
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#70
Styrene
Concen: 21.335 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion:104 Resp: 69379
Ion Ratio Lower Upper
104 100
78 51.5 40.6 60.8
103 54.5 43.0 64.4





#71

Bromoform

Concen: 21.859 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

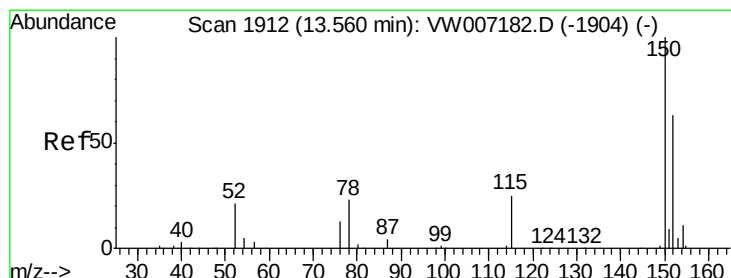
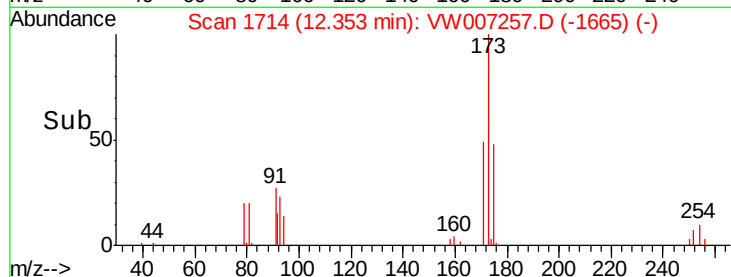
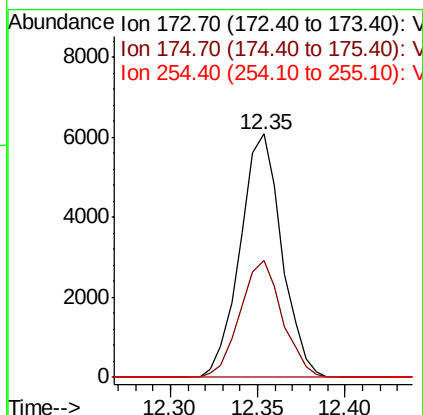
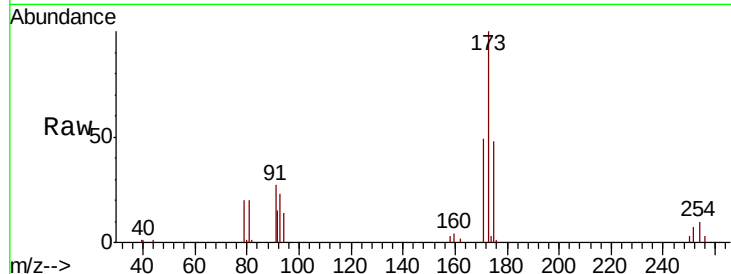
ClientSampleId :

VW1205SBS02

Tgt Ion:	173	Resp:	10049
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.0	72.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

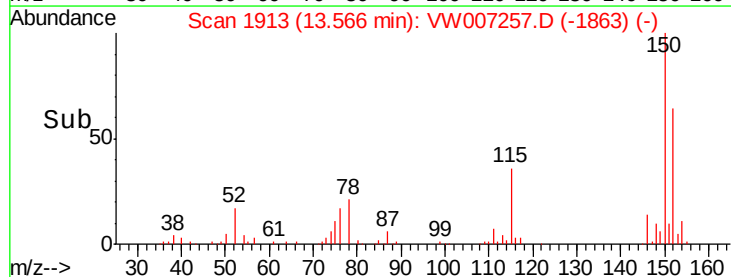
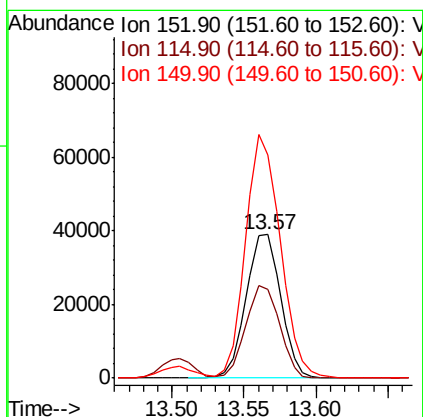
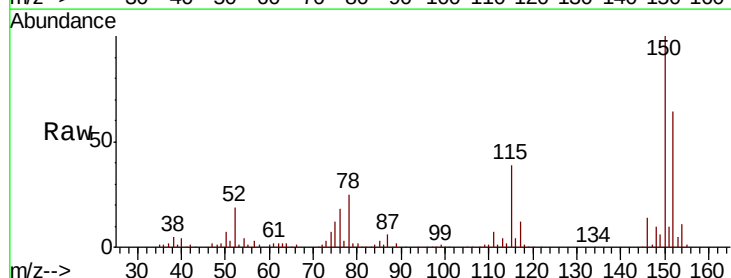
RT: 13.57 min Scan# 1913

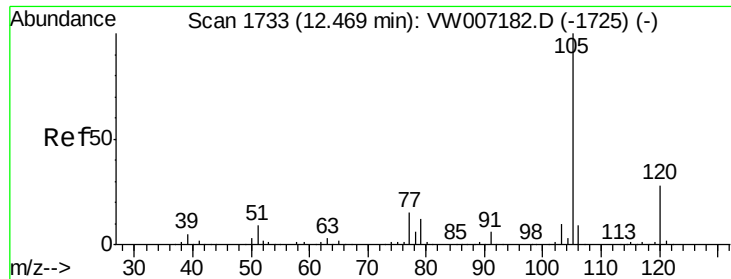
Delta R.T. 0.01 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Tgt Ion:	152	Resp:	65049
Ion Ratio	Lower	Upper	
152	100		
115	63.0	31.3	93.8
150	169.7	0.0	358.0





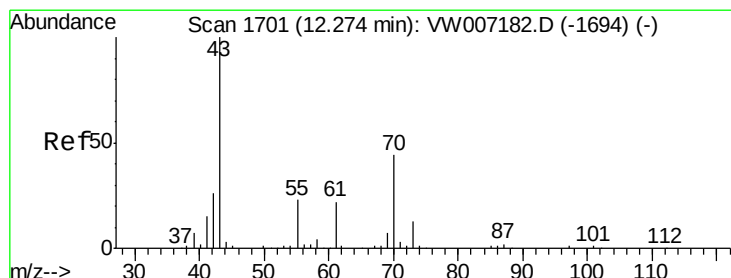
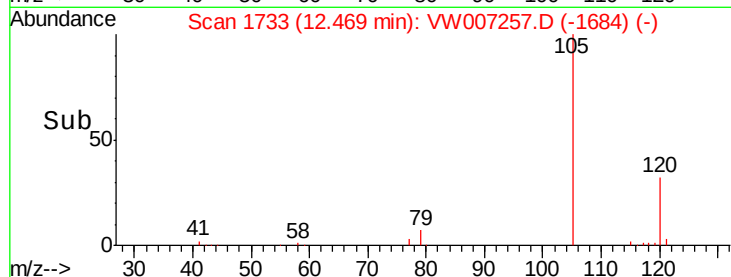
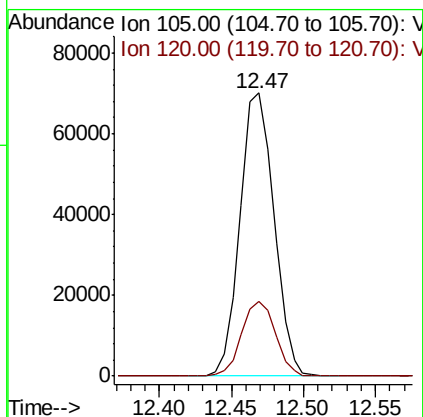
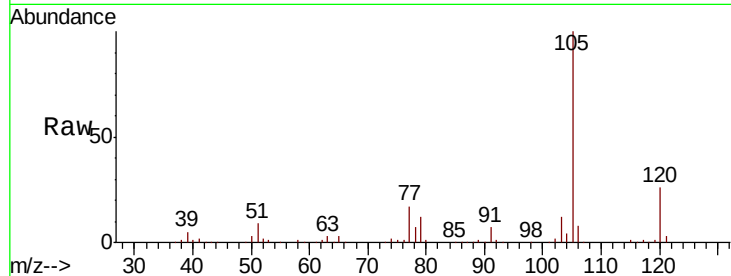
#73
Isopropylbenzene
Concen: 21.729 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion: 105 Resp: 114959
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

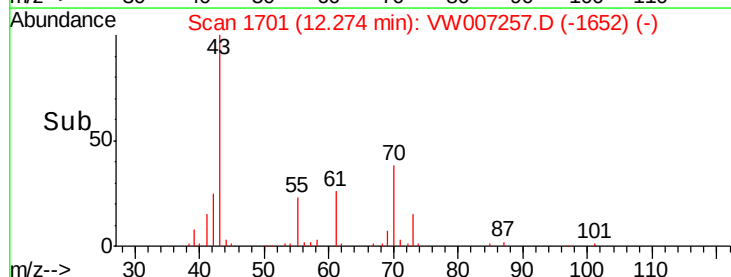
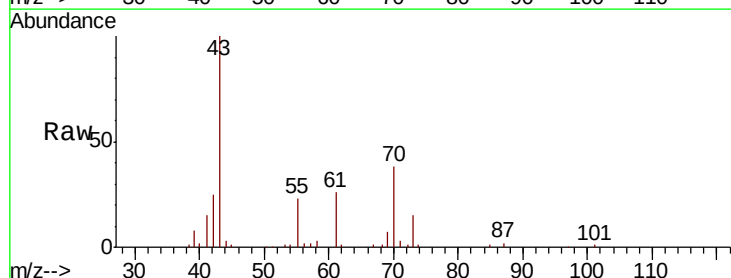
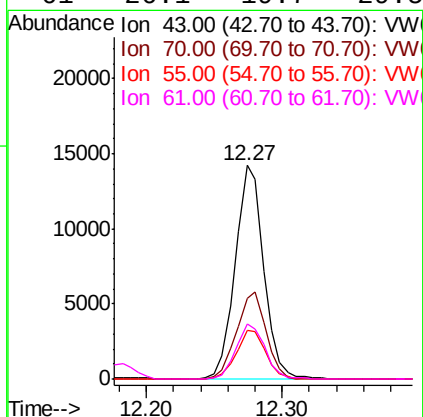
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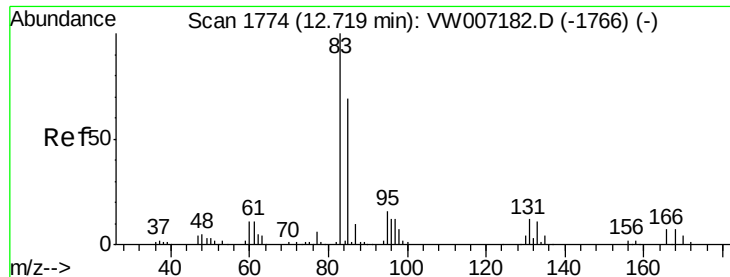
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#74
N-ethyl acetate
Concen: 22.134 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion: 43 Resp: 20762
Ion Ratio Lower Upper
43 100
70 42.4 34.0 51.0
55 23.4 19.0 28.6
61 26.1 19.7 29.5





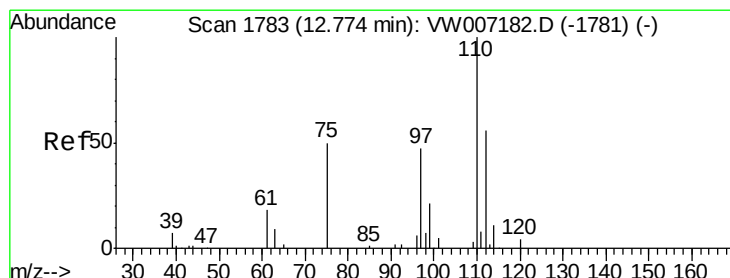
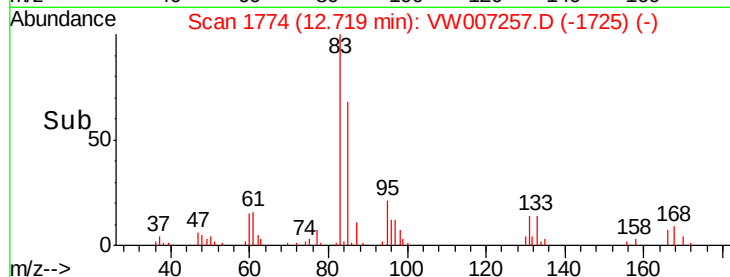
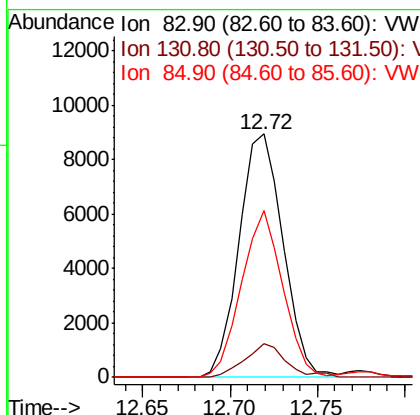
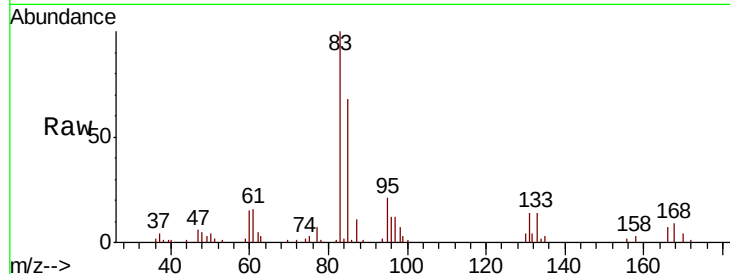
#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.801 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	15667		
131	12.9	6.0	18.1	
85	64.1	33.0	99.0	

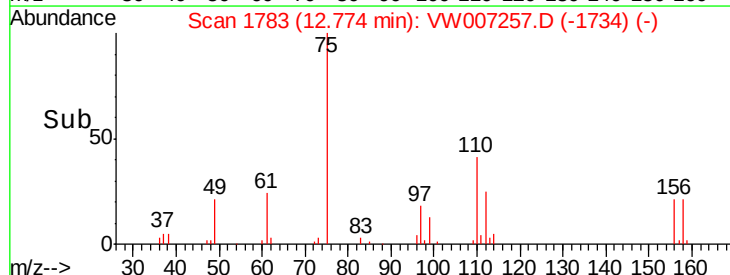
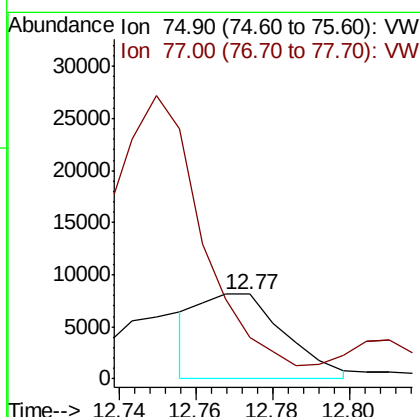
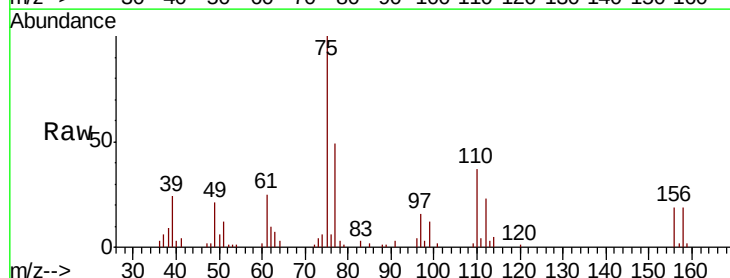
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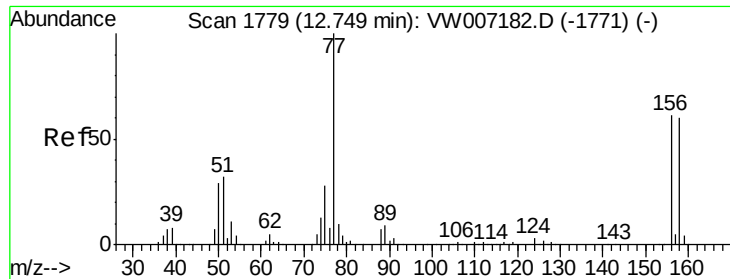
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#76
 1,2,3-Trichloropropane
 Concen: 25.340 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	12763		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 23.093 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

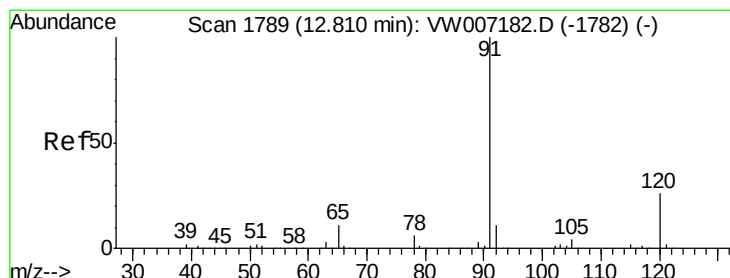
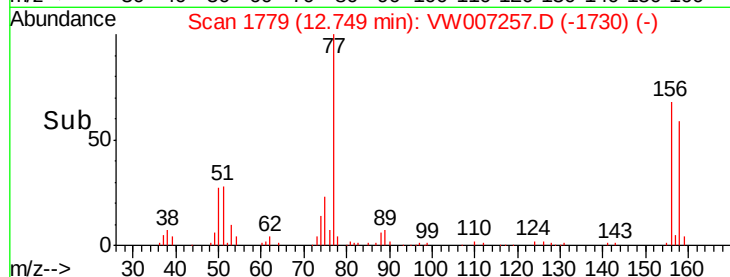
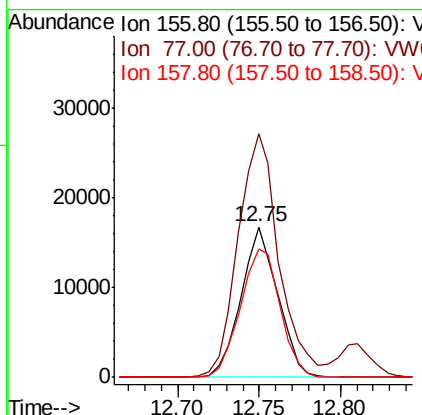
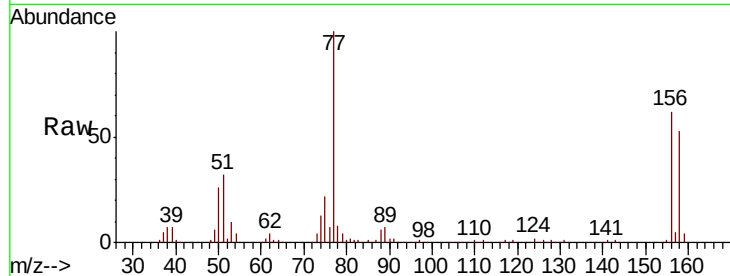
ClientSampleId :

VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	179.1	92.0	276.1
158	92.5	49.0	147.0

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#78

n-propylbenzene

Concen: 20.989 ug/l

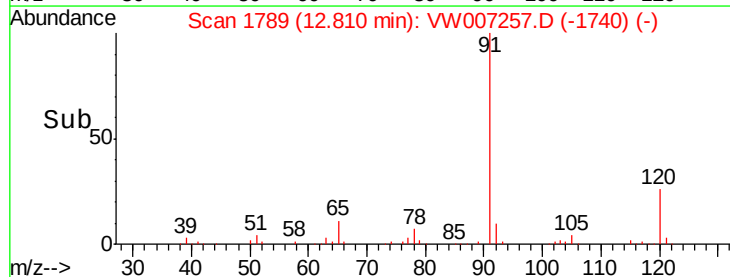
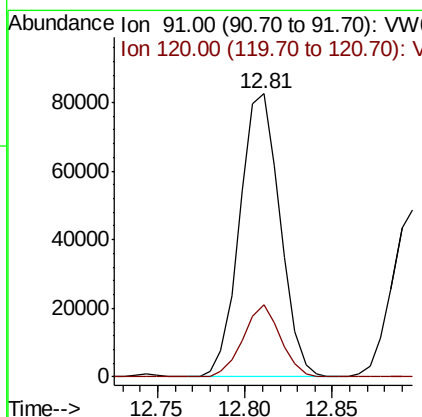
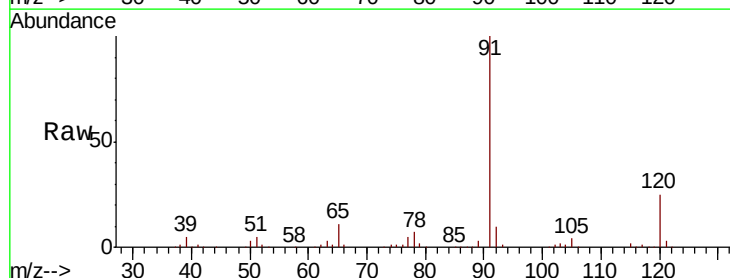
RT: 12.81 min Scan# 1789

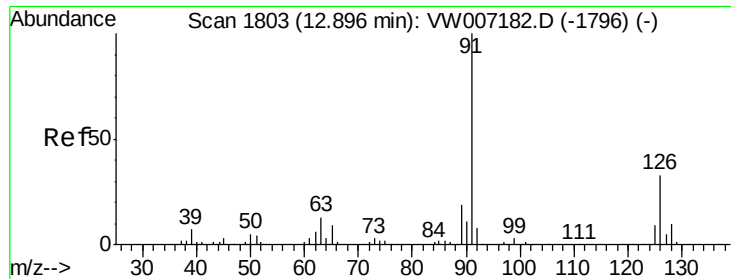
Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	12.5	37.5





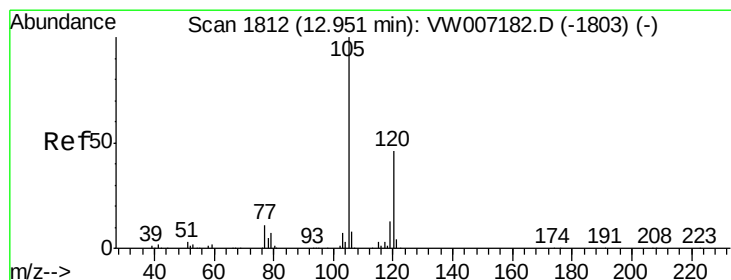
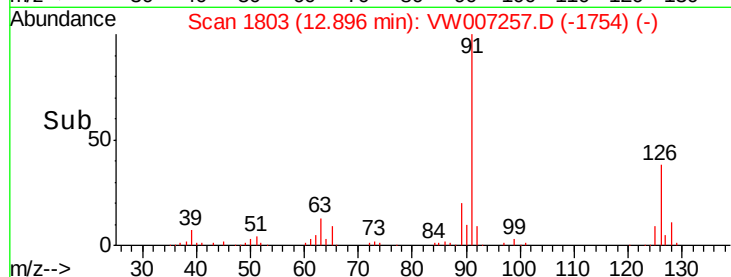
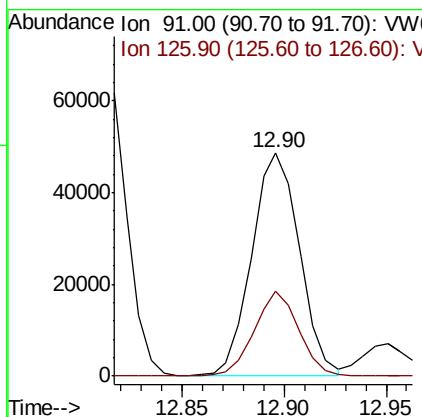
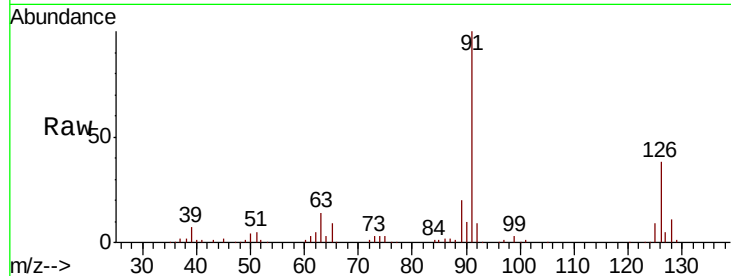
#79
2-Chlorotoluene
Concen: 22.197 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion: 91 Resp: 79007
Ion Ratio Lower Upper
91 100
126 35.4 16.7 50.1

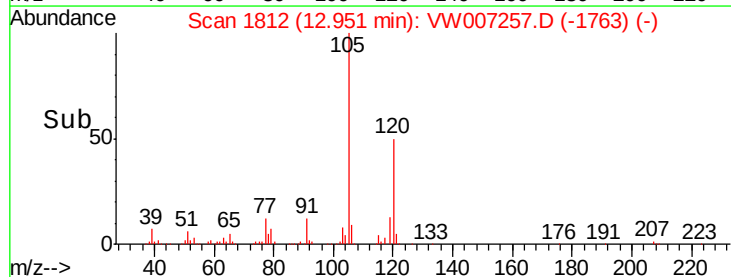
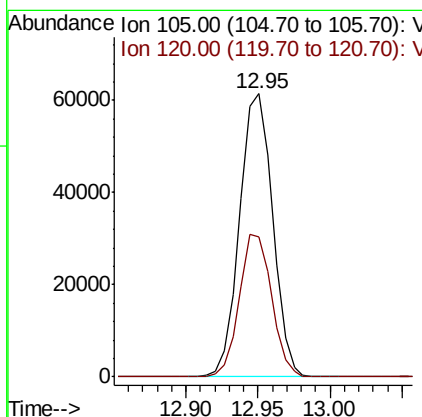
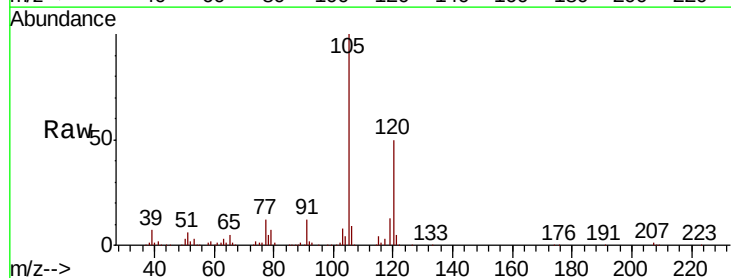
Manual Integrations
APPROVED

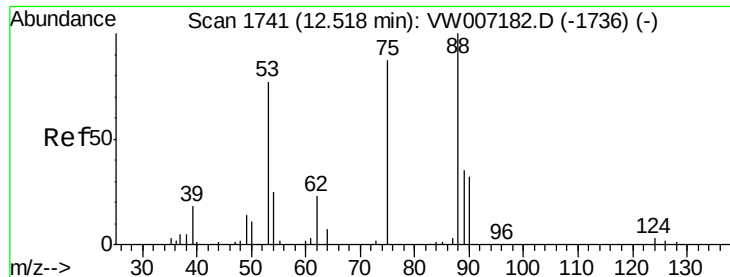
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 21.624 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion: 105 Resp: 97869
Ion Ratio Lower Upper
105 100
120 49.4 23.8 71.5





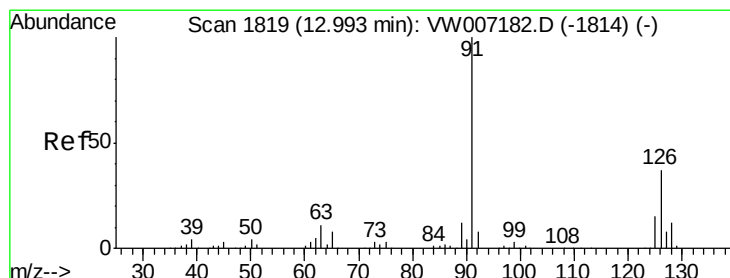
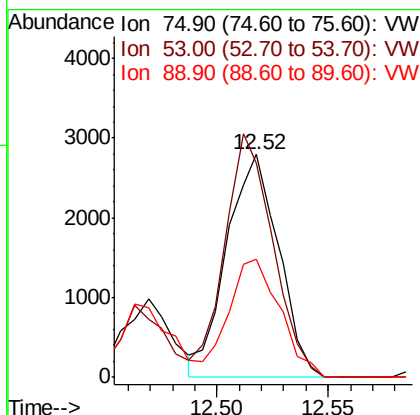
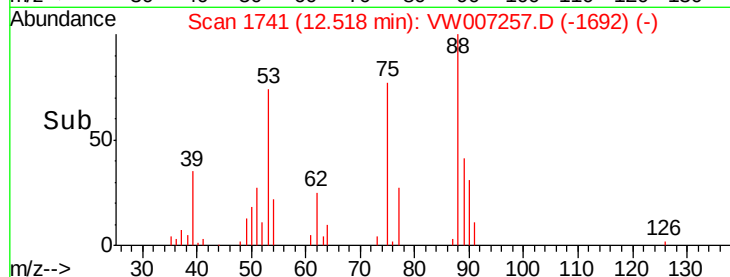
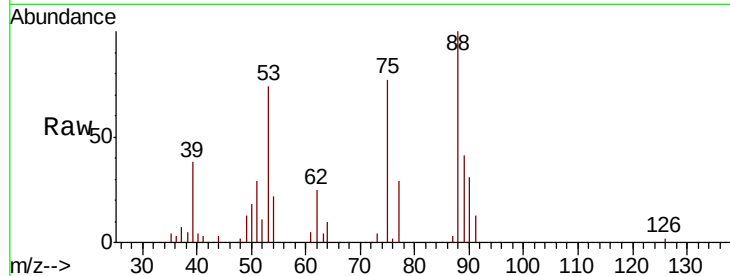
#81
trans-1,4-Dichloro-2-butene
Concen: 19.286 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.9	72.8	109.2
89	52.4	36.4	54.6

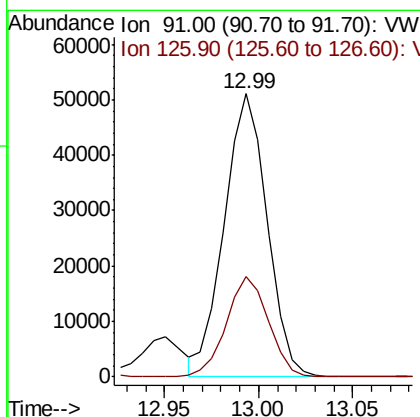
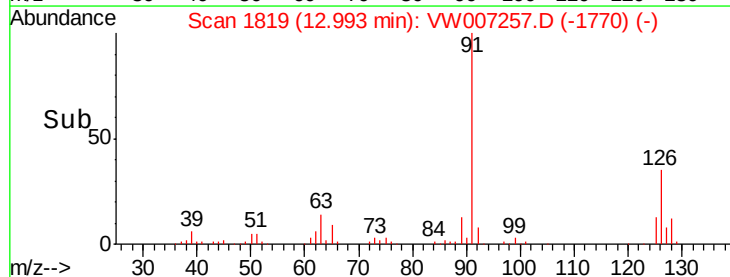
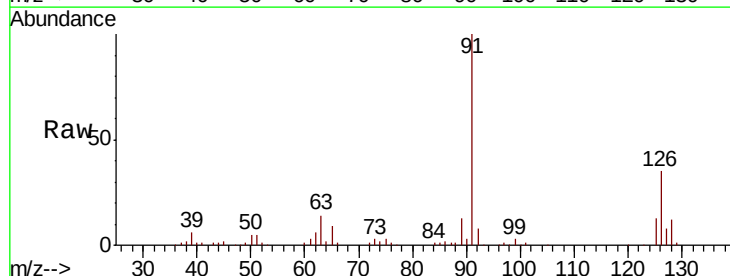
Manual Integrations
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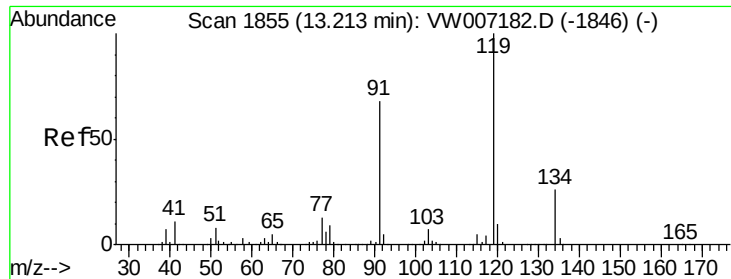
apatel
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#82
4-Chlorotoluene
Concen: 21.170 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.4	52.3





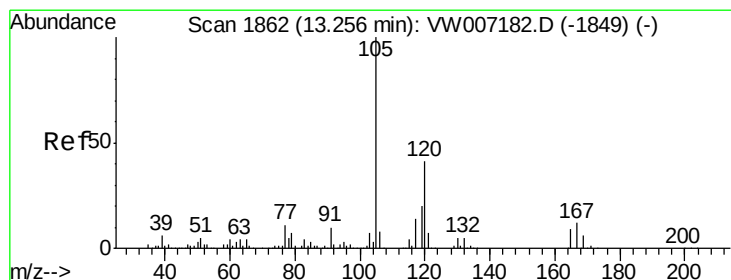
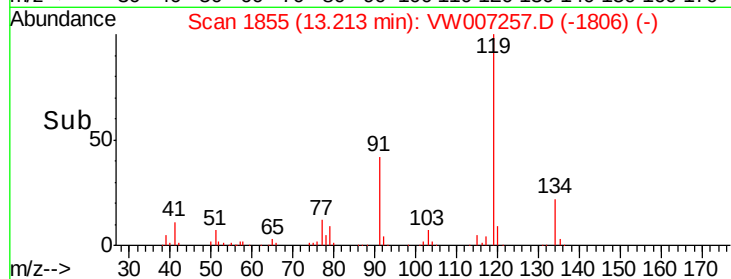
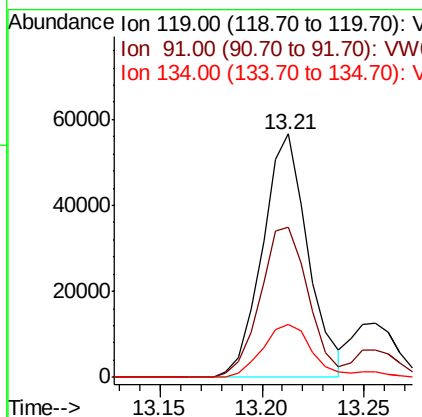
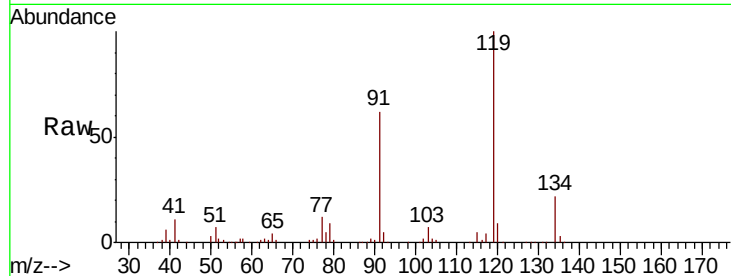
#83
 tert-Butylbenzene
 Concen: 22.154 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.3	34.0	101.8
134	23.5	13.2	39.5

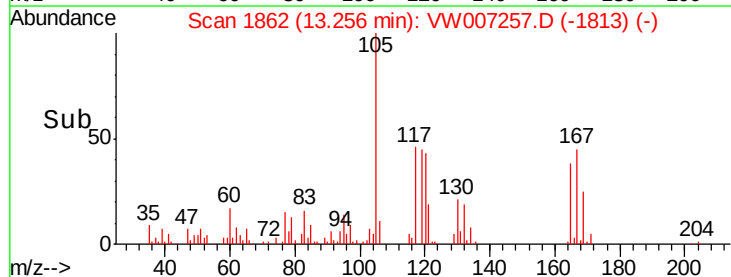
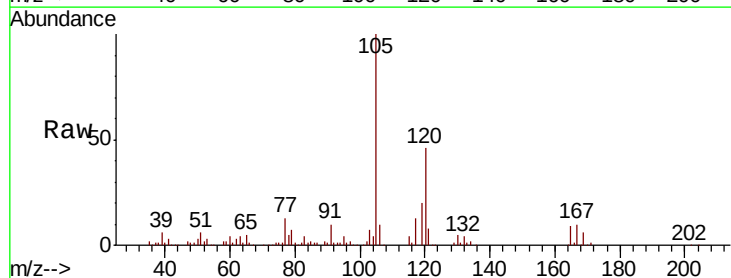
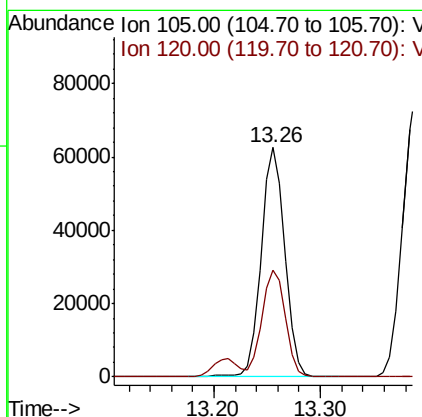
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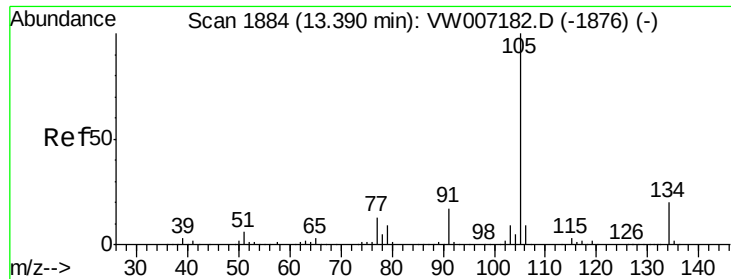
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.123 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	21.1	63.3





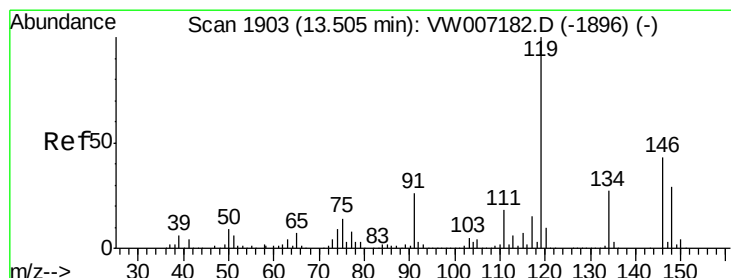
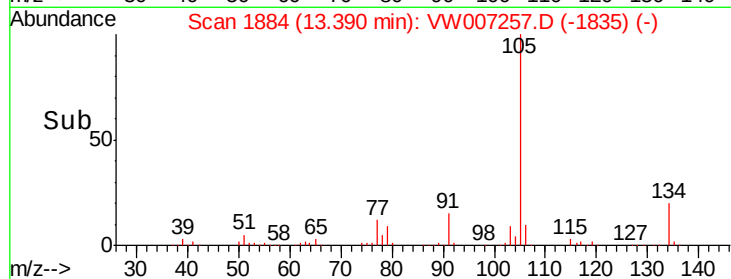
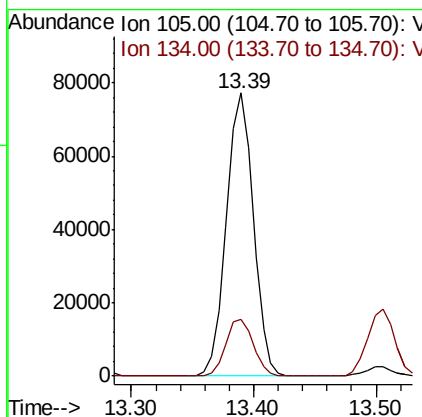
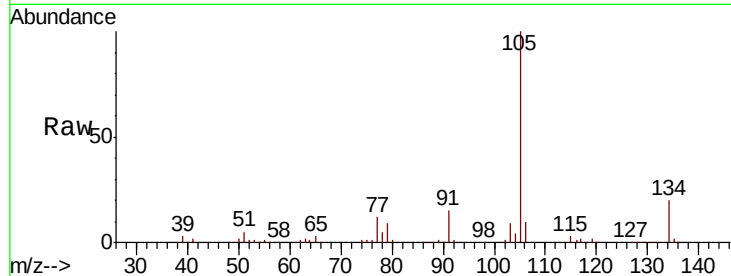
#85
 sec-Butylbenzene
 Concen: 20.894 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Tgt Ion:105 Resp: 117977
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8

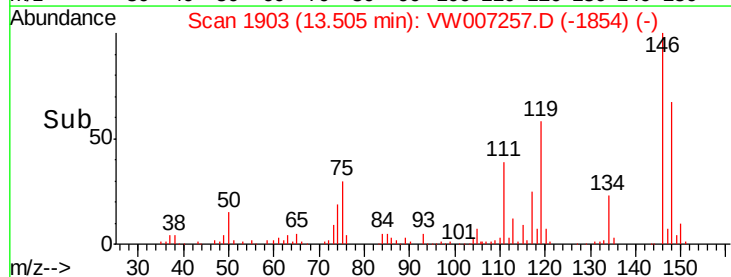
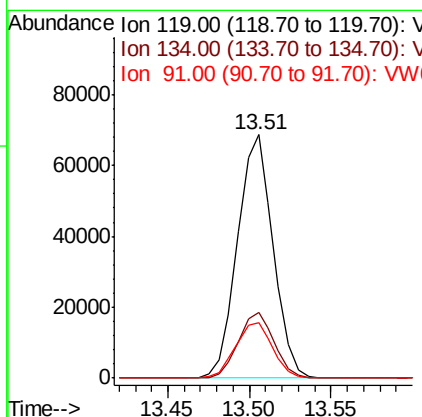
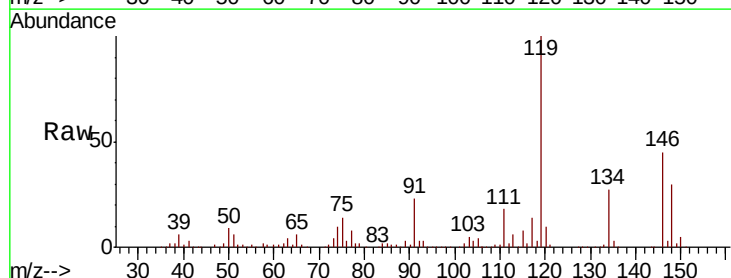
Manual Integrations
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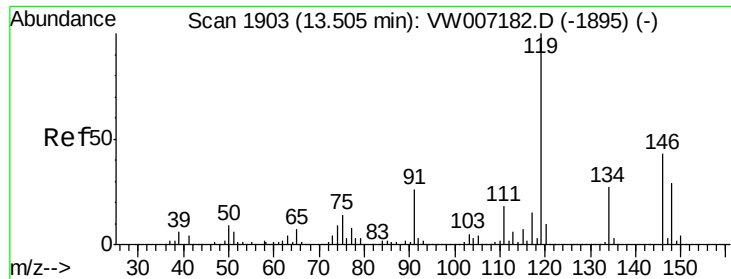
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#86
 p-Isopropyltoluene
 Concen: 20.769 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Tgt Ion:119 Resp: 104400
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.6
 91 23.9 12.4 37.2





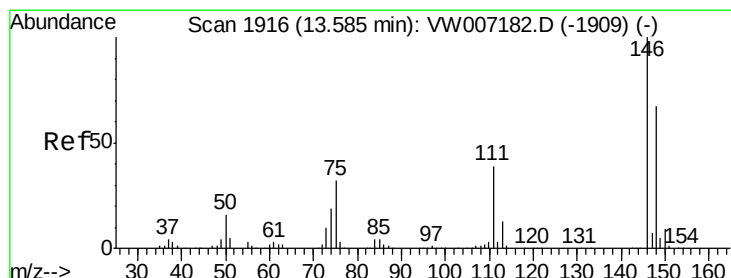
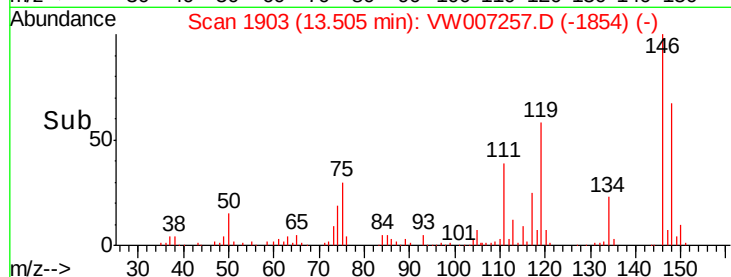
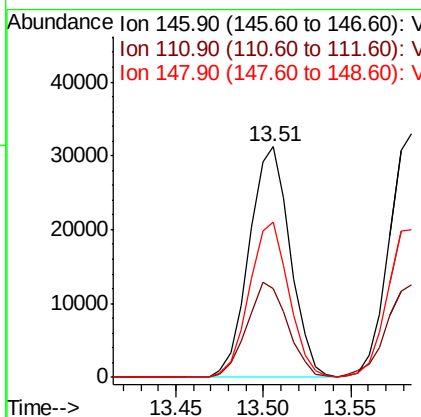
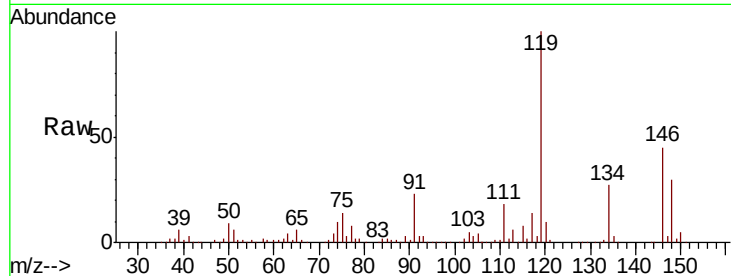
#87
 1,3-Dichlorobenzene
 Concen: 21.850 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.1	63.4
148	65.0	32.8	98.4

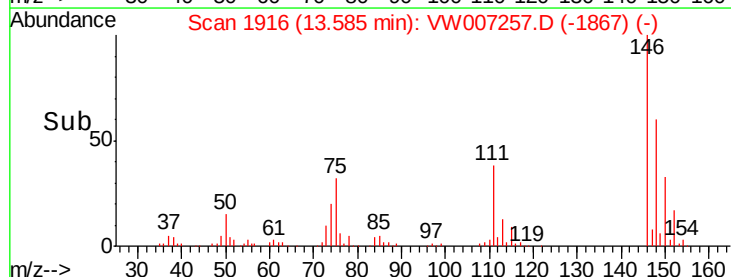
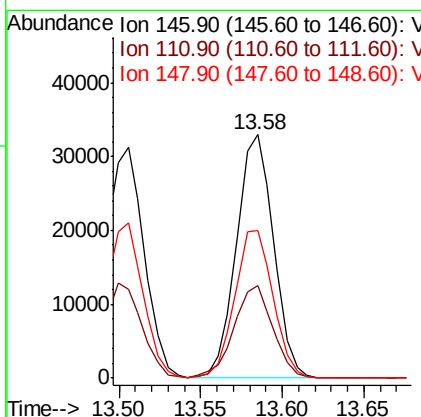
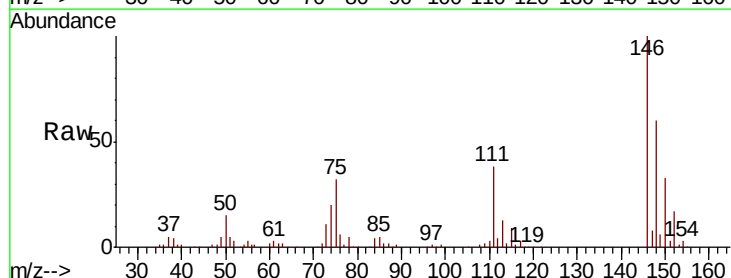
Manual Integrations
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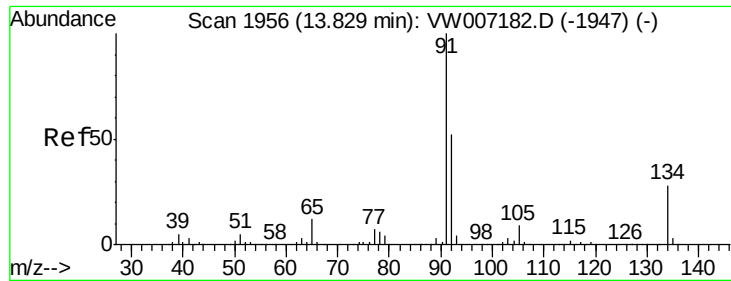
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#88
 1,4-Dichlorobenzene
 Concen: 22.106 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.8
148	62.7	32.6	98.0





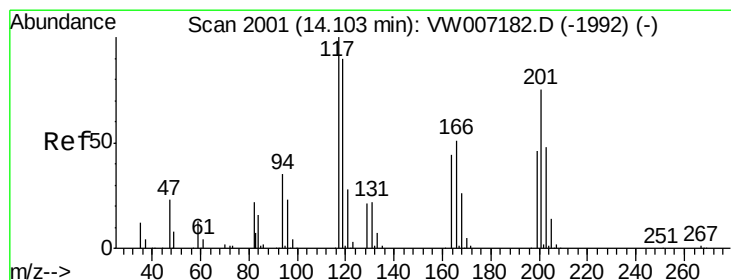
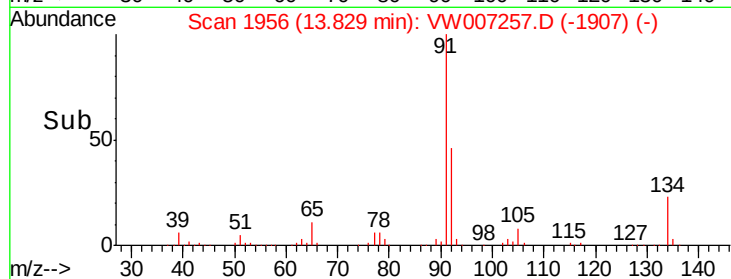
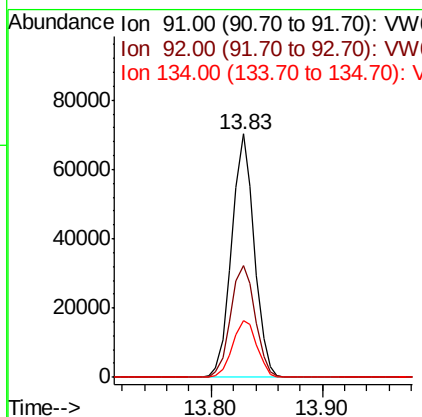
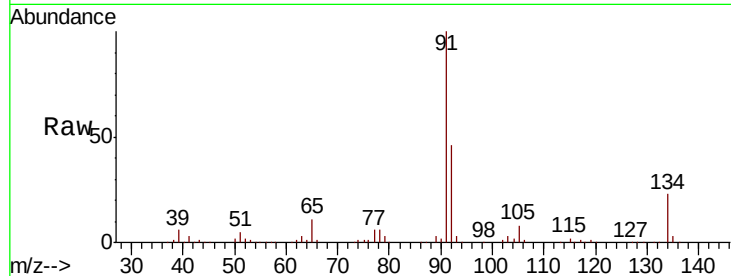
#89
n-Butylbenzene
Concen: 21.043 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.8	26.5	79.5
134	25.2	14.1	42.2

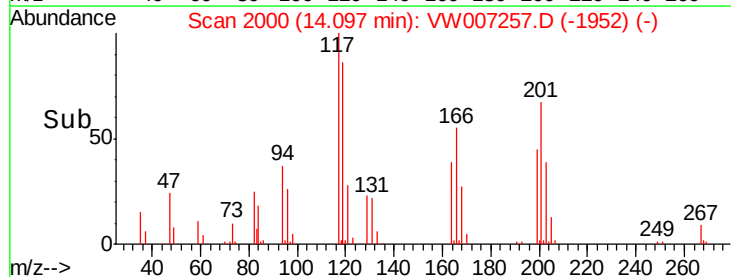
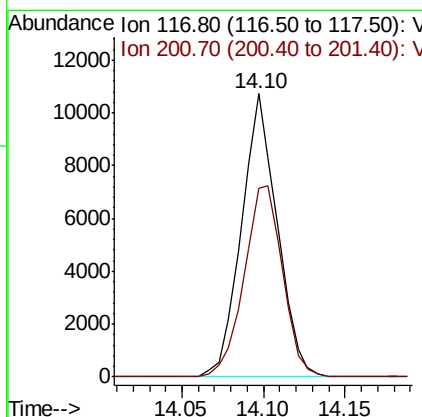
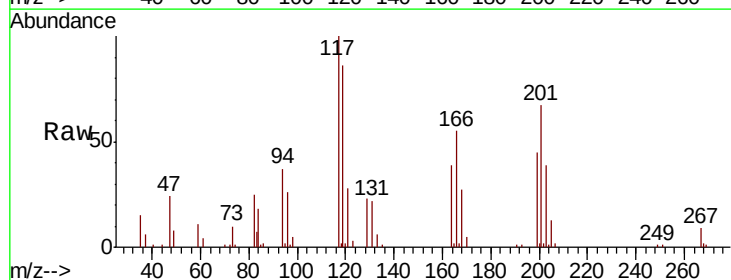
Manual Integrations
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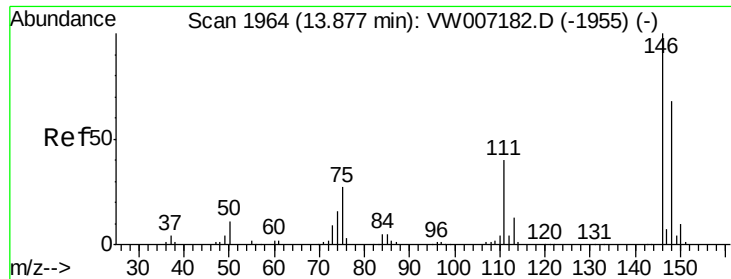
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#90
Hexachloroethane
Concen: 21.294 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.9	36.0	108.1





#91

1,2-Dichlorobenzene

Concen: 22.424 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Instrument :

MSVOA_W

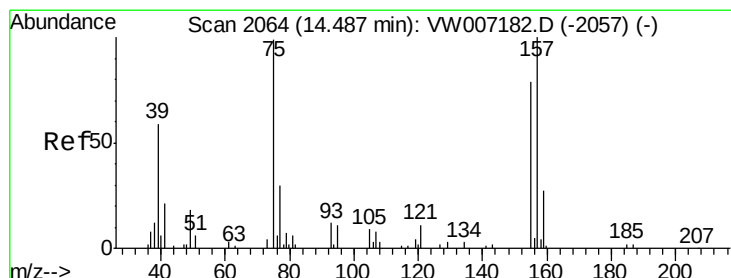
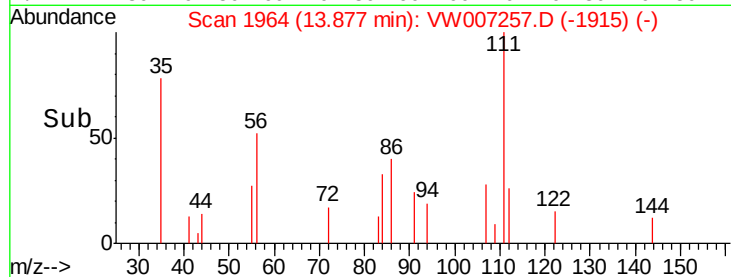
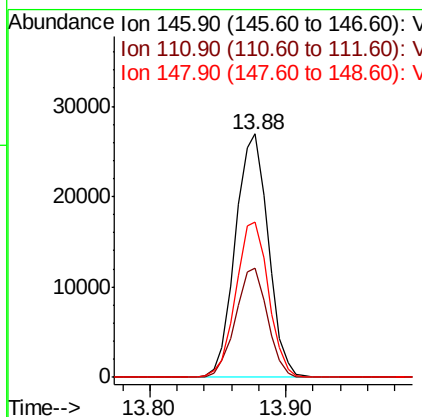
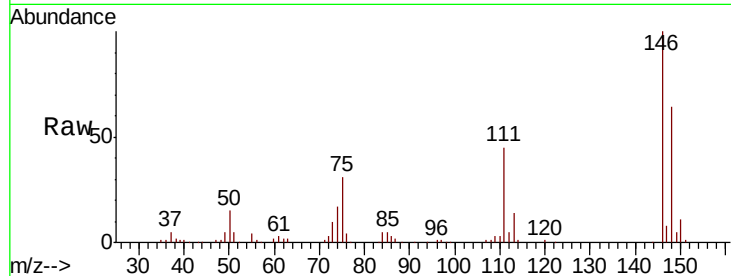
ClientSampleId :

VW1205SBS02

Tgt Ion:	146	Resp:	45511
Ion Ratio	Lower	Upper	
146	100		
111	43.3	21.6	65.0
148	63.1	32.7	98.1

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#92

1,2-Dibromo-3-Chloropropane

Concen: 23.297 ug/l

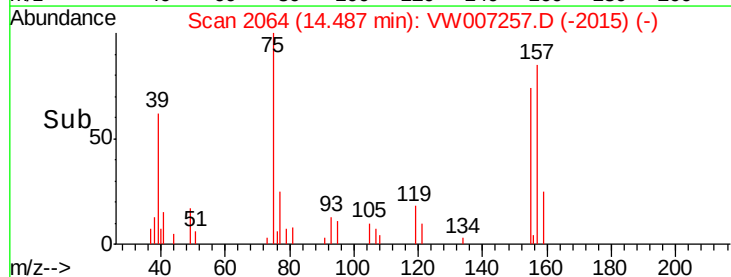
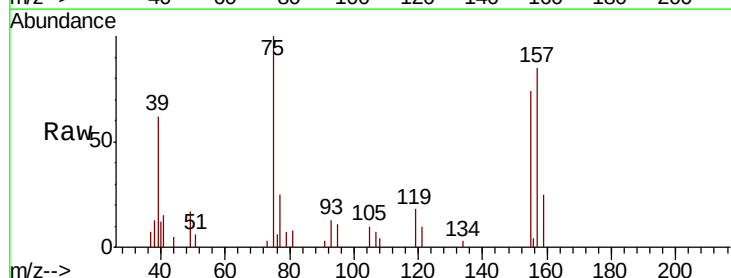
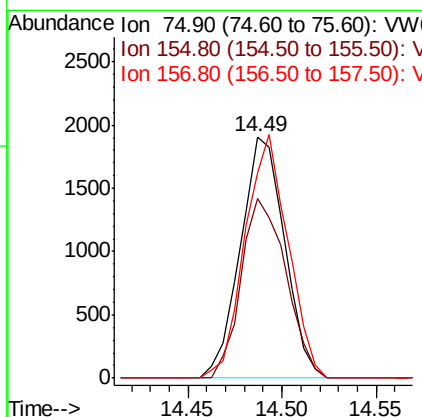
RT: 14.49 min Scan# 2064

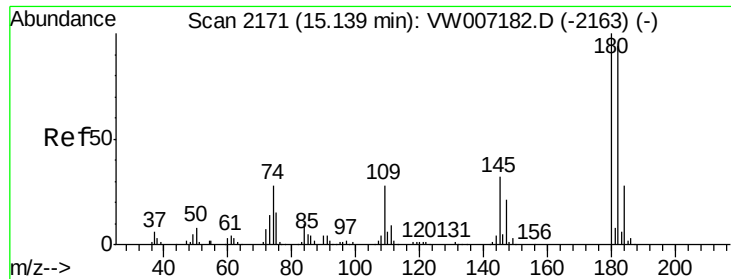
Delta R.T. 0.00 min

Lab File: VW007257.D

Acq: 06 Dec 2018 04:31

Tgt Ion:	75	Resp:	3101
Ion Ratio	Lower	Upper	
75	100		
155	75.3	42.4	127.2
157	98.0	55.3	165.9





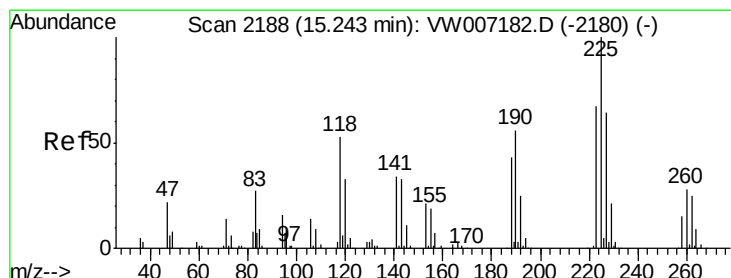
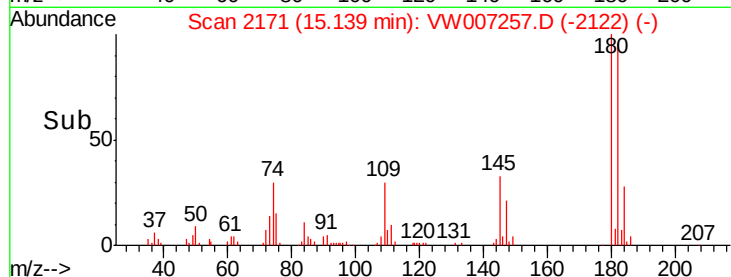
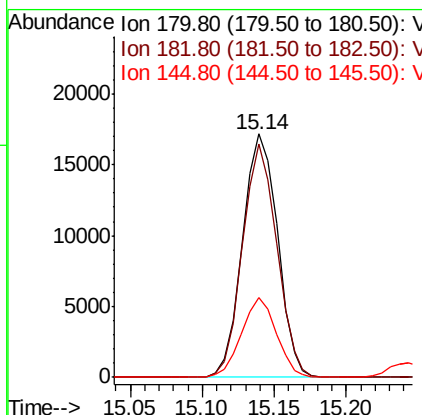
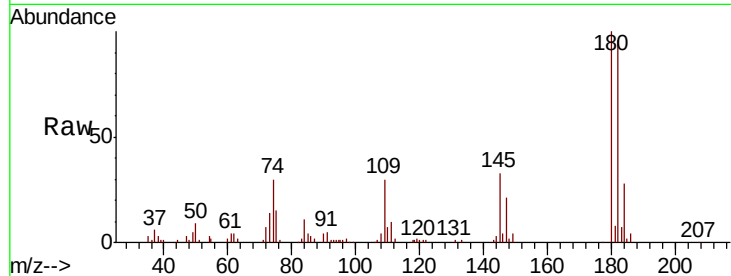
#93
 1,2,4-Trichlorobenzene
 Concen: 20.631 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	29017		
182	94.0	47.9	143.8	
145	32.4	16.6	49.7	

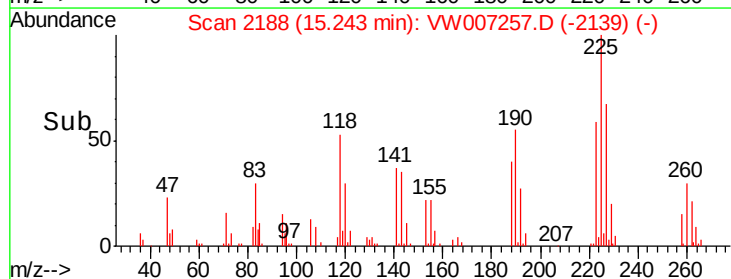
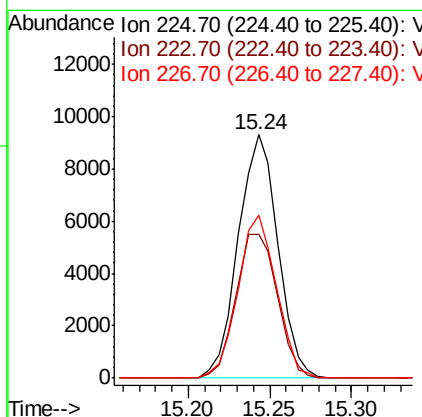
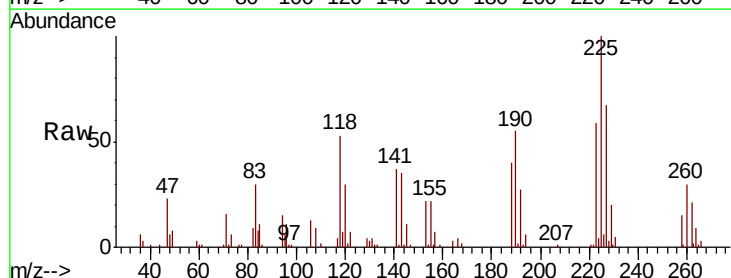
Manual Integrations
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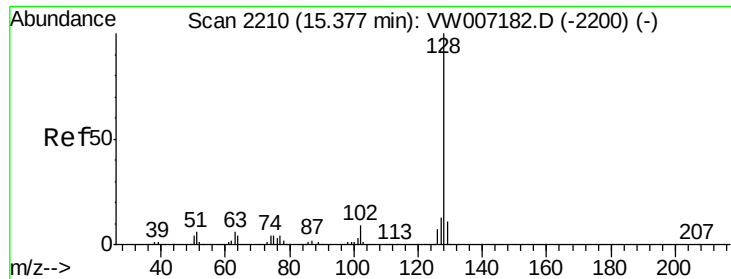
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#94
 Hexachlorobutadiene
 Concen: 20.774 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007257.D
 Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	15756		
223	62.2	32.3	96.8	
227	64.7	32.1	96.3	





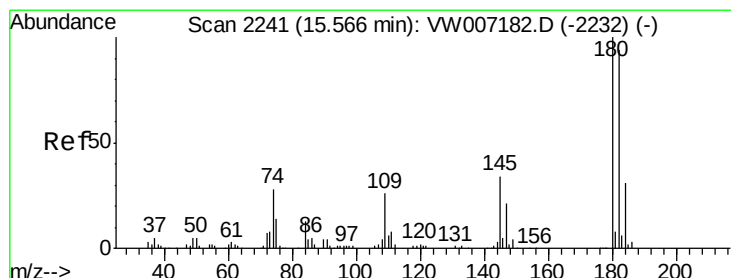
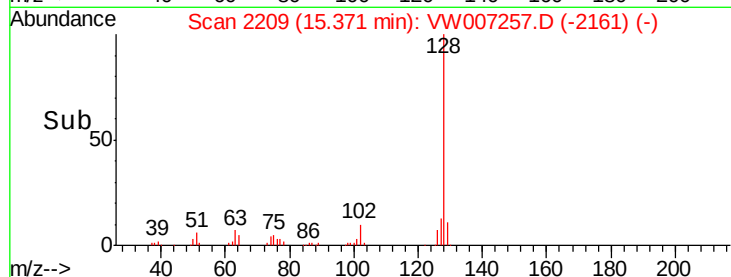
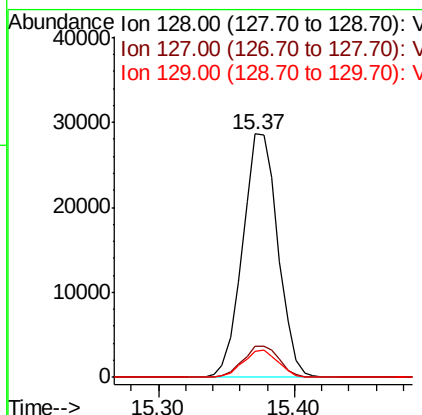
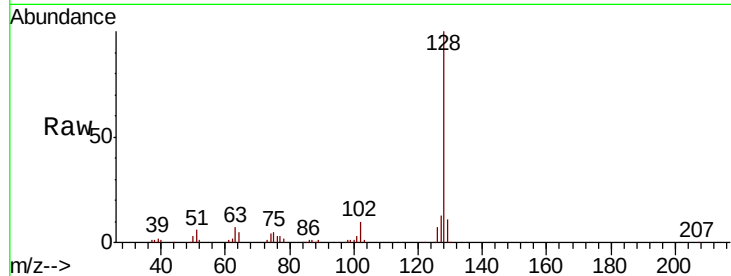
#95
Naphthalene
Concen: 20.677 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations
APPROVED

apatel
12/6/2018 12:56:22 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.828 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW007257.D
Acq: 06 Dec 2018 04:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.2
145	35.2	17.6	52.8

