

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007188.D
 Acq On : 04 Dec 2018 15:39
 Operator : SY/AP
 Sample : VW1204SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Manual Integrations
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 12/5/2018 12:43:55 PM

Quant Time: Dec 05 05:47:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	106645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	164618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	146825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	72053	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	51610	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
35) Dibromofluoromethane	7.88	113	49986	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
50) Toluene-d8	10.33	98	215645	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.62	95	79561	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	24198	20.739	ug/l	99
3) Chloromethane	2.22	50	30018	20.316	ug/l	96
4) Vinyl Chloride	2.36	62	19365	20.932	ug/l	96
5) Bromomethane	2.76	94	11072	23.883	ug/l	95
6) Chloroethane	2.92	64	11078	21.341	ug/l	99
7) Trichlorofluoromethane	3.26	101	36212	20.077	ug/l	97
8) Diethyl Ether	3.69	74	10144	20.176	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	22142	20.322	ug/l	99
10) Methyl Iodide	4.28	142	17393	18.739	ug/l	99
11) Tert butyl alcohol	5.15	59	13253	130.812	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	20870	20.439	ug/l	99
13) Acrolein	3.90	56	7110	102.195	ug/l	99
14) Allyl chloride	4.67	41	32890	20.095	ug/l	99
15) Acrylonitrile	5.37	53	20450	97.297	ug/l	98
16) Acetone	4.12	43	23566	100.257	ug/l	100
17) Carbon Disulfide	4.38	76	65955	19.596	ug/l	100
18) Methyl Acetate	4.68	43	11026	20.550	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	48360	20.116	ug/l	96
20) Methylene Chloride	4.92	84	27598	20.207	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	22979	20.154	ug/l	93
22) Diisopropyl ether	6.32	45	59998	20.420	ug/l	97
23) Vinyl Acetate	6.26	43	160436	100.072	ug/l	100
24) 1,1-Dichloroethane	6.22	63	38734	20.568	ug/l	99
25) 2-Butanone	7.17	43	25455	93.421	ug/l	97
26) 2,2-Dichloropropane	7.17	77	36545	20.194	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	24566	20.099	ug/l	99
28) Bromochloromethane	7.51	49	14332	21.106	ug/l	97
29) Tetrahydrofuran	7.53	42	16556	98.326	ug/l	97
30) Chloroform	7.68	83	39192	20.025	ug/l	98
31) Cyclohexane	7.96	56	39914	20.257	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	37093	20.139	ug/l	98
36) 1,1-Dichloropropene	8.09	75	32527	20.307	ug/l	99
37) Ethyl Acetate	7.25	43	11038	19.051	ug/l	98
38) Carbon Tetrachloride	8.07	117	33099	20.246	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	43256	20.173	ug/l	98
40) Benzene	8.33	78	88391	20.124	ug/l	100
41) Methacrylonitrile	7.48	41	7169	20.657	ug/l	97
42) 1,2-Dichloroethane	8.40	62	24467	19.932	ug/l	99
43) Isopropyl Acetate	8.43	43	22173	19.704	ug/l	99
44) Trichloroethene	9.10	130	25245	20.448	ug/l	98
45) 1,2-Dichloropropane	9.37	63	20745	20.296	ug/l	99
46) Dibromomethane	9.46	93	10628	20.011	ug/l	99
47) Bromodichloromethane	9.65	83	28420	20.343	ug/l	99
48) Methyl methacrylate	9.44	41	12038	20.612	ug/l	96
49) 1,4-Dioxane	9.45	88	3780	407.413	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	52540	94.743	ug/l	98
52) Toluene	10.39	92	61773	20.218	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	29224	20.806	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	33523	20.365	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	15087	19.970	ug/l	98
56) Ethyl methacrylate	10.65	69	19588	19.877	ug/l	97
57) 1,3-Dichloropropane	10.93	76	25471	19.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	43079	108.833	ug/l	95
59) 2-Hexanone	10.97	43	39503	98.265	ug/l	91
60) Dibromochloromethane	11.13	129	18459	19.880	ug/l	96
61) 1,2-Dibromoethane	11.23	107	14321	19.764	ug/l	97
64) Tetrachloroethene	10.87	164	22188	20.684	ug/l	98
65) Chlorobenzene	11.66	112	65223	19.890	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	20087	19.835	ug/l	99
67) Ethyl Benzene	11.73	91	118099	19.760	ug/l	100
68) m/p-Xylenes	11.84	106	93606	39.924	ug/l	97
69) o-Xylene	12.17	106	44115	20.138	ug/l	95
70) Styrene	12.18	104	70929	19.780	ug/l	98
71) Bromoform	12.35	173	9885	19.499	ug/l #	97
73) Isopropylbenzene	12.47	105	124500	21.245	ug/l	99
74) N-amyl acetate	12.27	43	19605	18.869	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	14980	19.682	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	12814m	11.834	ug/l	
77) Bromobenzene	12.75	156	26024	20.573	ug/l	98
78) n-propylbenzene	12.81	91	149374	21.395	ug/l	95
79) 2-Chlorotoluene	12.90	91	80291	20.365	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	104003	20.745	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5409	20.896	ug/l	98
82) 4-Chlorotoluene	12.99	91	88522	21.105	ug/l	97
83) tert-Butylbenzene	13.21	119	90058	20.556	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	105669	20.648	ug/l	96
85) sec-Butylbenzene	13.39	105	127019	20.308	ug/l	99
86) p-Isopropyltoluene	13.51	119	113840	20.446	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	53021	20.418	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	54700	20.854	ug/l	99
89) n-Butylbenzene	13.83	91	111235	21.379	ug/l	98
90) Hexachloroethane	14.10	117	16495	19.441	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	48285	21.479	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3035	20.585	ug/l	92

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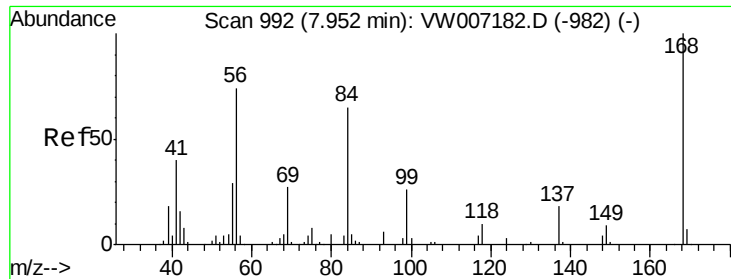
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31001	19.899	ug/l	99
94) Hexachlorobutadiene	15.24	225	16566	19.719	ug/l	100
95) Naphthalene	15.38	128	54384	19.478	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	25643	19.520	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

Tgt Ion: 168 Resp: 106645

Ion Ratio Lower Upper

168 100

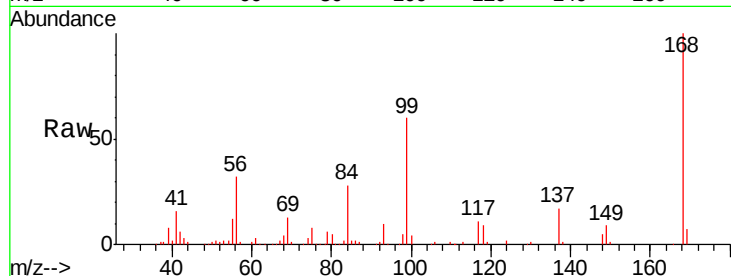
99 60.0 47.8 71.8

Manual Integrations

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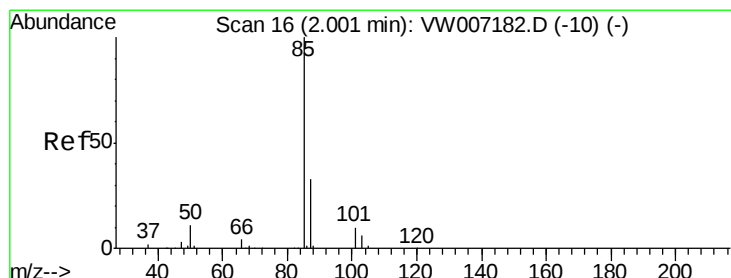
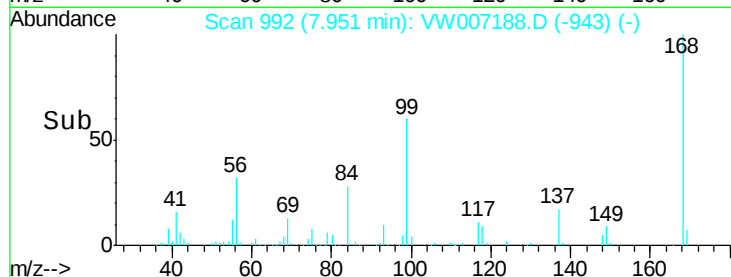
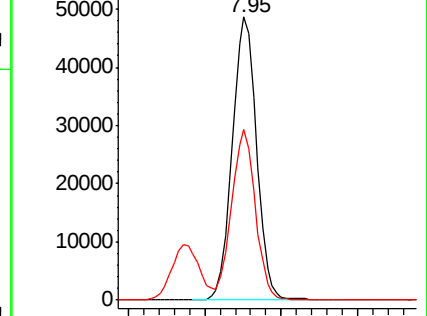
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.739 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007188.D

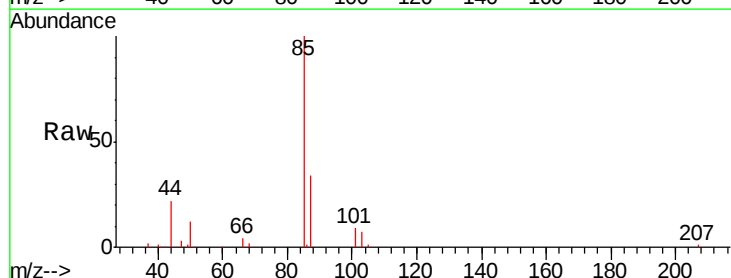
Acq: 04 Dec 2018 15:39

Tgt Ion: 85 Resp: 24198

Ion Ratio Lower Upper

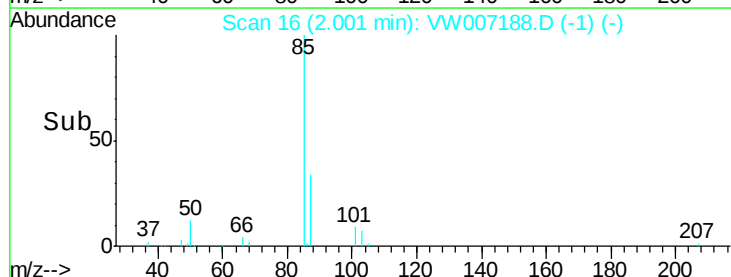
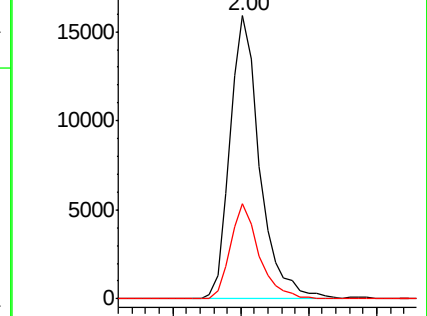
85 100

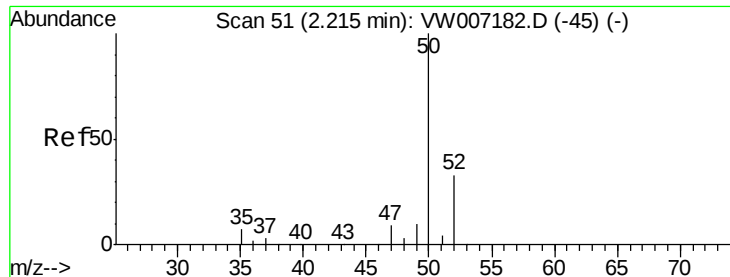
87 33.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.316 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

Tgt Ion: 50 Resp: 30018

Ion Ratio Lower Upper

50 100

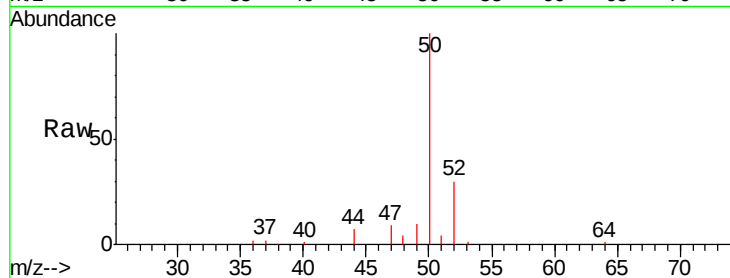
52 30.5 26.2 39.2

Manual Integrations

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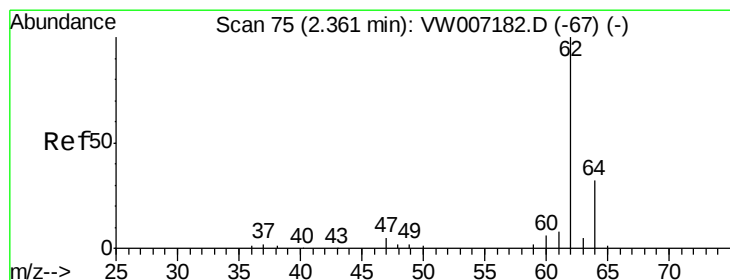
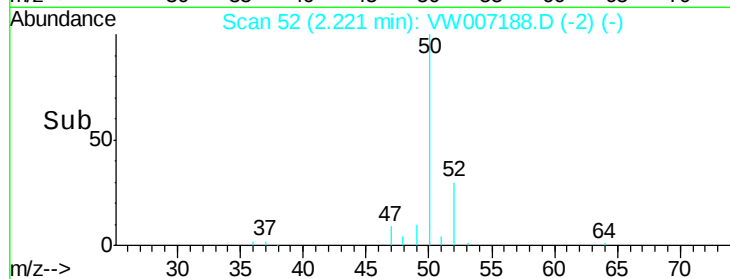
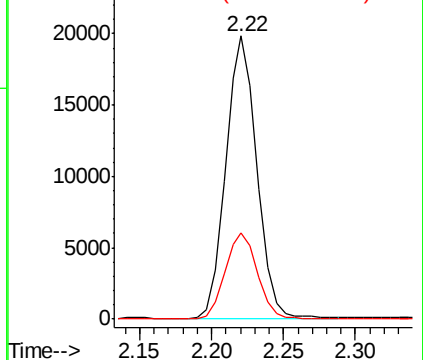
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.932 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007188.D

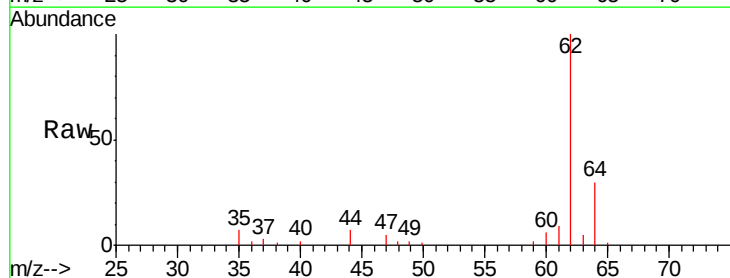
Acq: 04 Dec 2018 15:39

Tgt Ion: 62 Resp: 19365

Ion Ratio Lower Upper

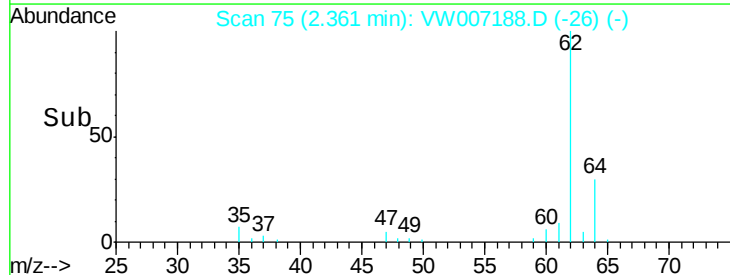
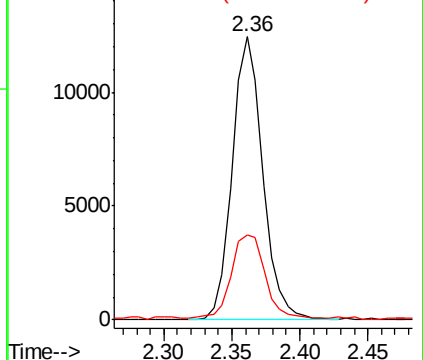
62 100

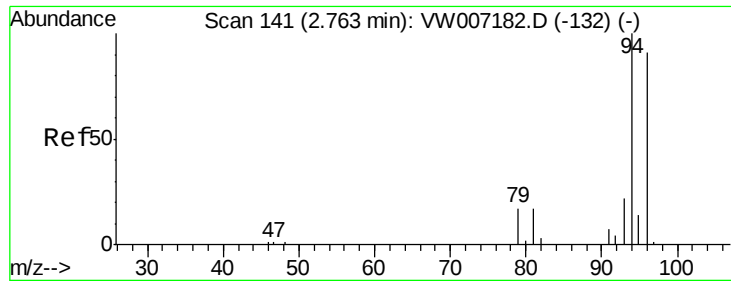
64 29.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 23.883 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

Tgt Ion: 94 Resp: 11072

Ion Ratio Lower Upper

94 100

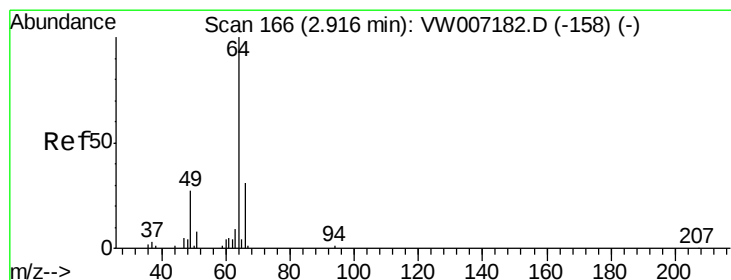
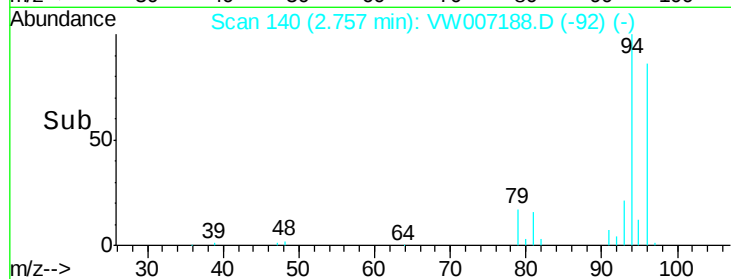
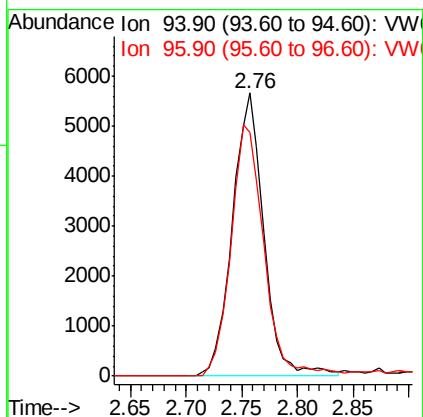
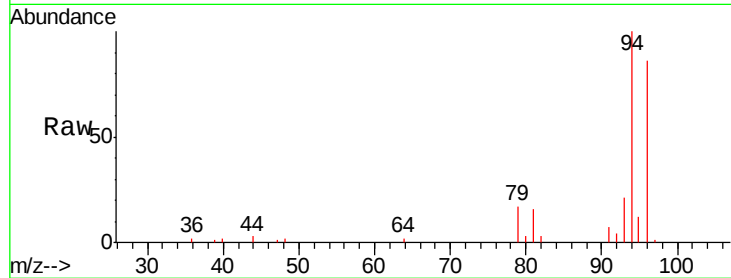
96 86.3 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 21.341 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW007188.D

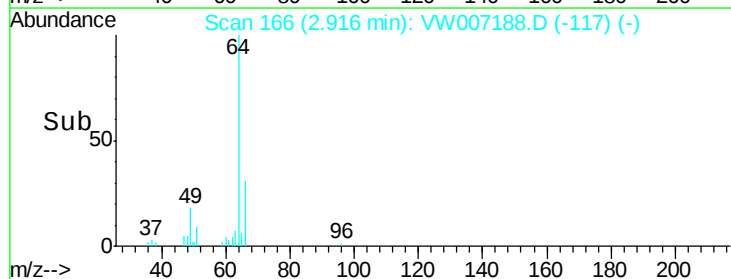
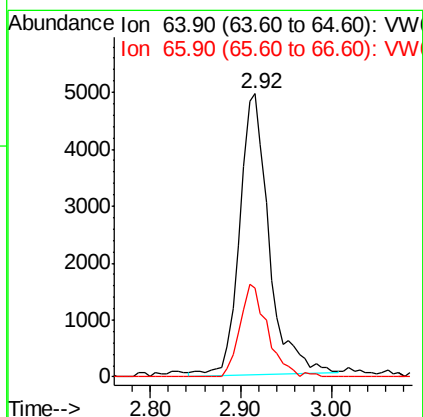
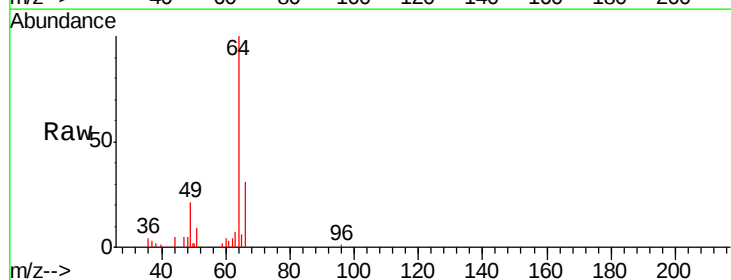
Acq: 04 Dec 2018 15:39

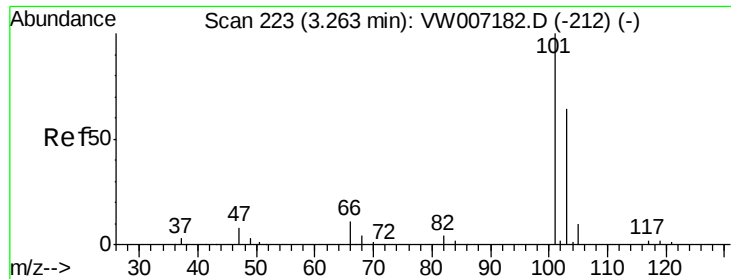
Tgt Ion: 64 Resp: 11078

Ion Ratio Lower Upper

64 100

66 31.8 25.0 37.6





#7

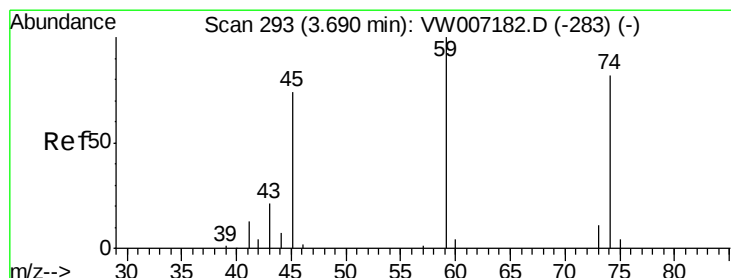
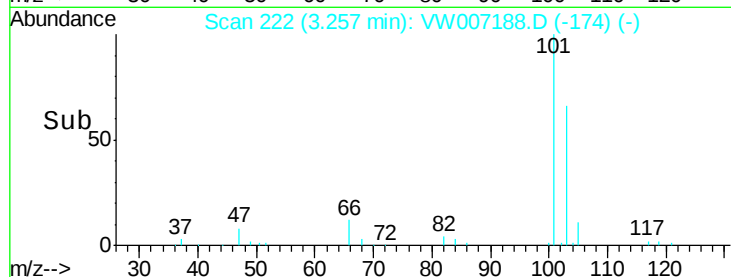
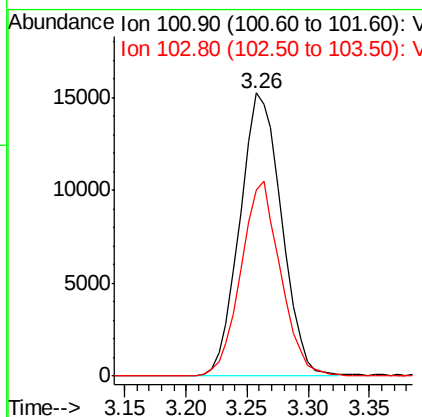
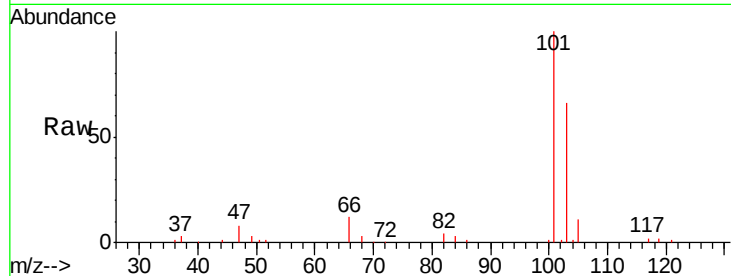
Trichlorofluoromethane
Concen: 20.077 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW007188.D
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VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.9	76.3

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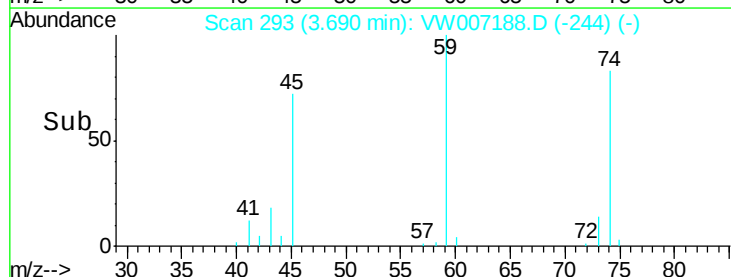
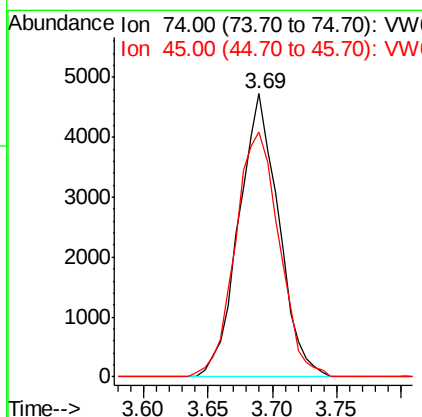
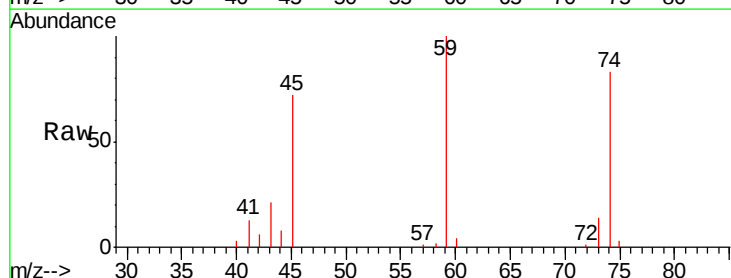
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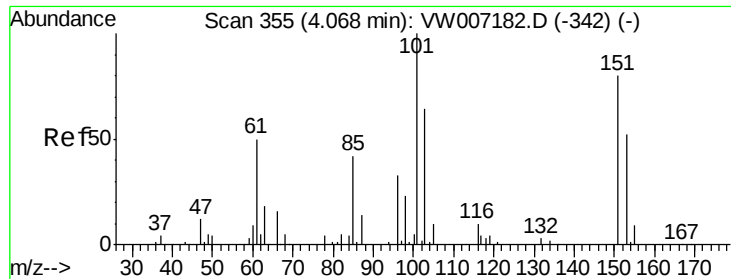


#8

Diethyl Ether
Concen: 20.176 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.322 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

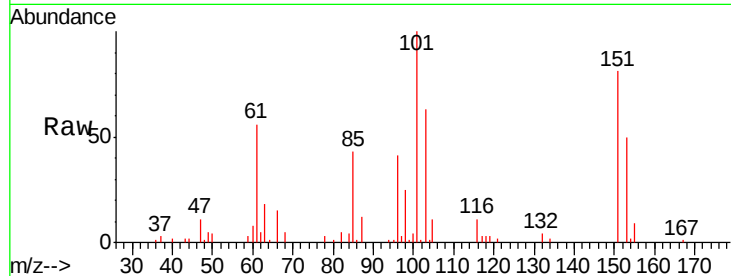
ClientSampleId :

VW1204SBS01

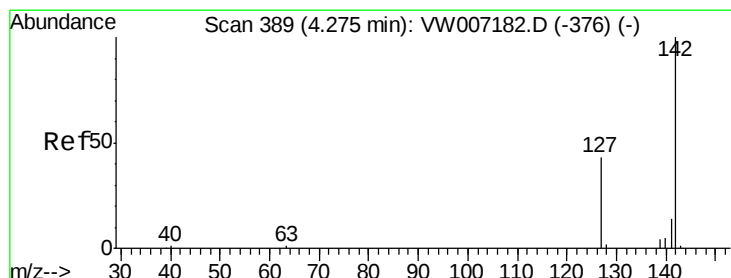
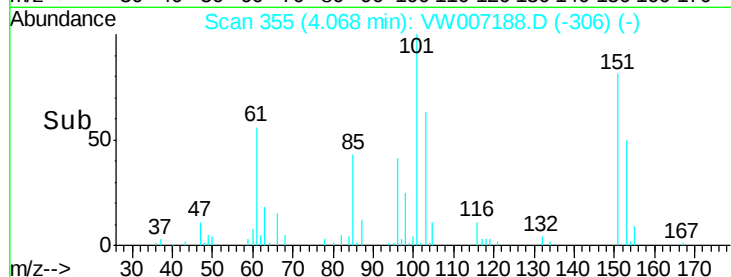
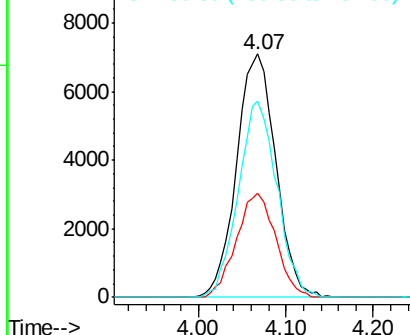
Tgt Ion:	101	Resp:	22142
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.4	50.2
151	79.6	63.9	95.9

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.739 ug/l

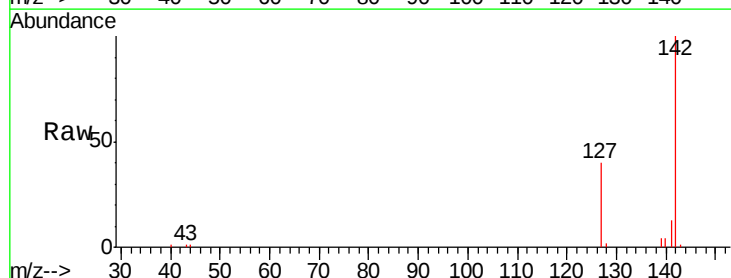
RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

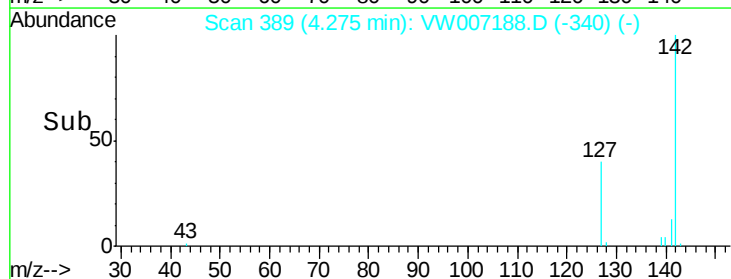
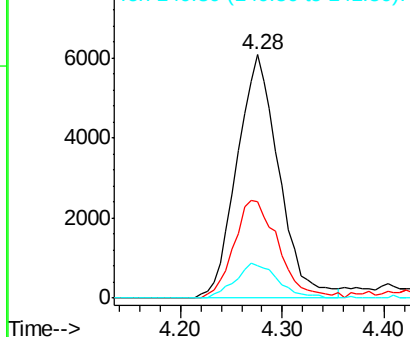
Lab File: VW007188.D

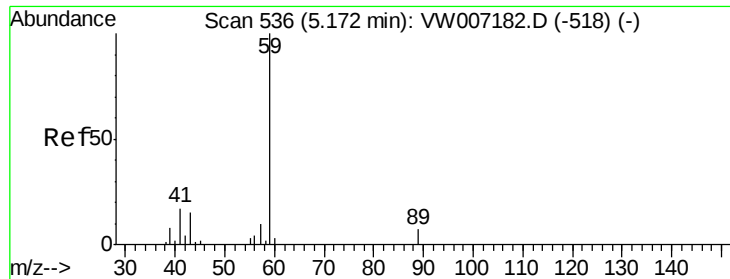
Acq: 04 Dec 2018 15:39

Tgt Ion:	142	Resp:	17393
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.9	52.3
141	14.4	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





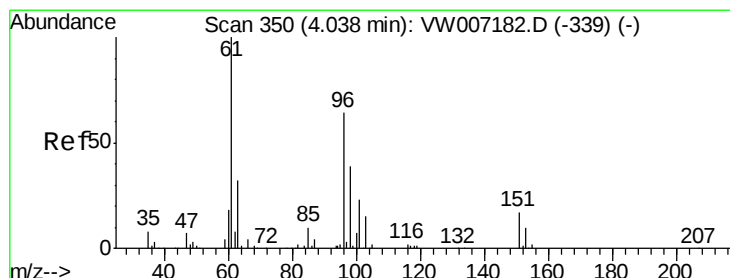
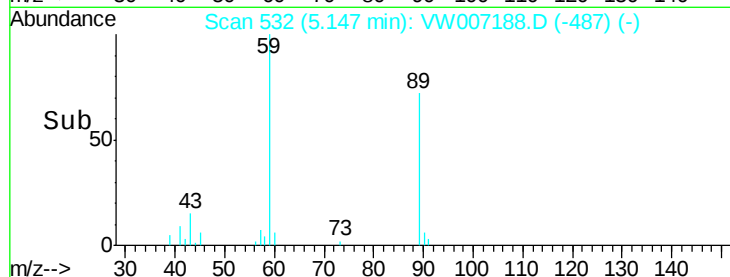
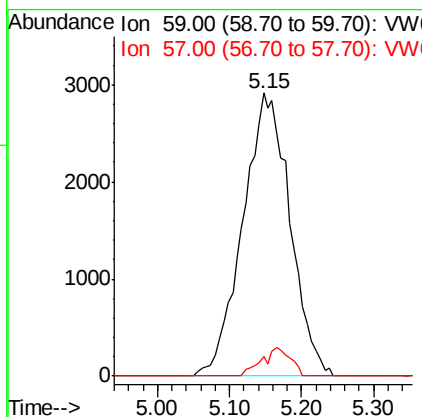
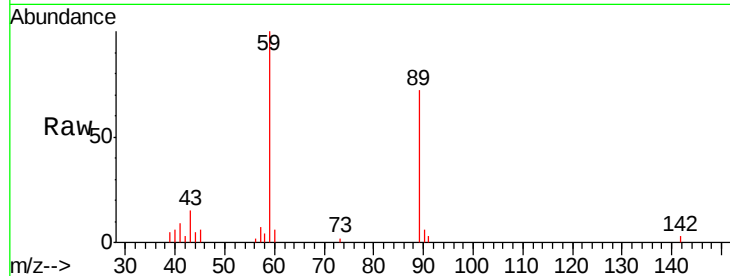
#11
Tert butyl alcohol
Concen: 130.812 ug/l
RT: 5.15 min Scan# 532
Delta R.T. -0.02 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion: 59 Resp: 13253
Ion Ratio Lower Upper
59 100
57 6.0 7.1 10.7#

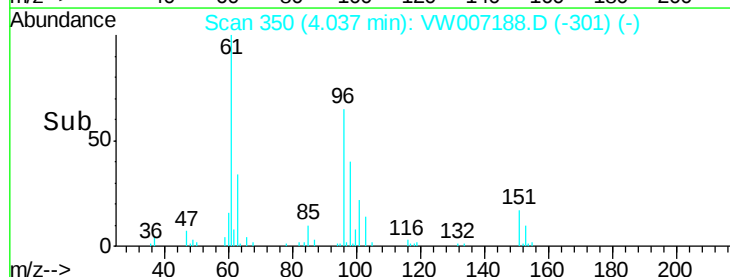
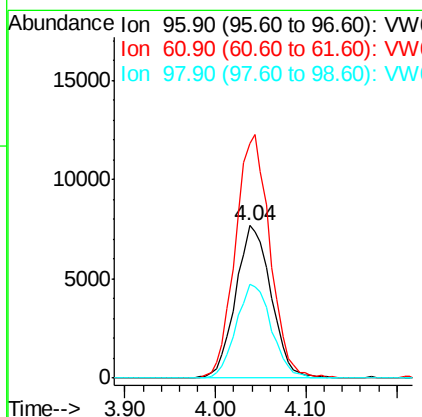
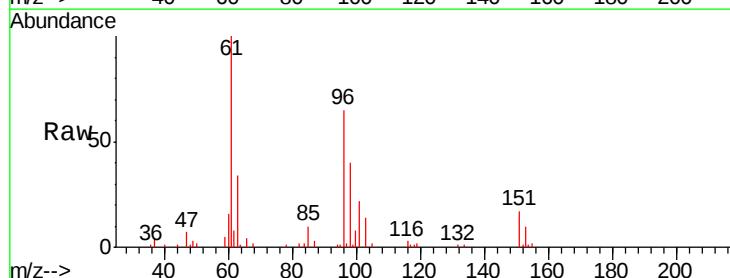
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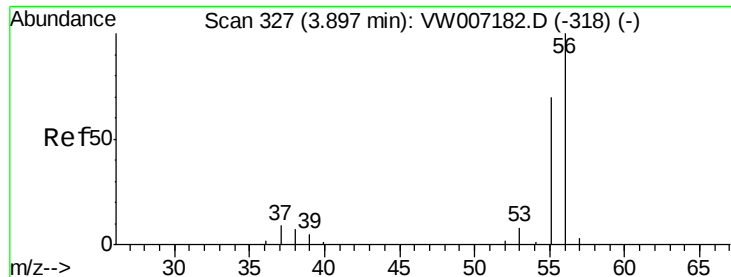
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#12
1,1-Dichloroethene
Concen: 20.439 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion: 96 Resp: 20870
Ion Ratio Lower Upper
96 100
61 154.4 124.1 186.1
98 61.3 48.6 72.8





#13

Acrolein

Concen: 102.195 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

Tgt Ion: 56 Resp: 7110

Ion Ratio Lower Upper

56 100

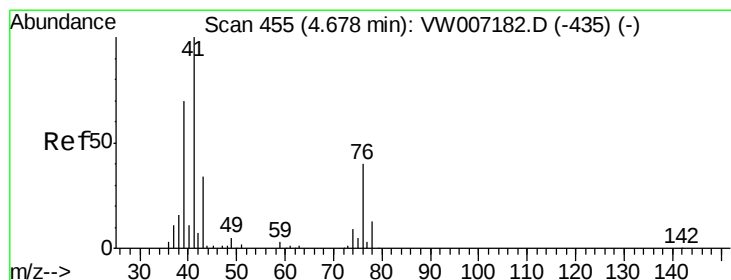
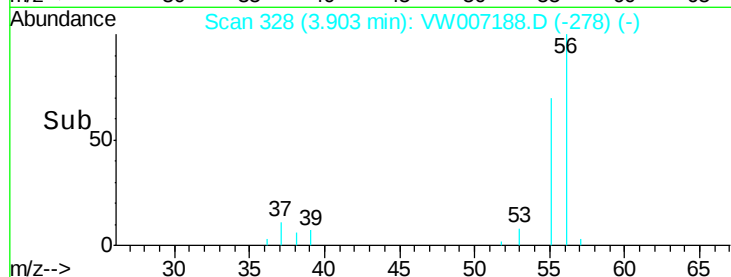
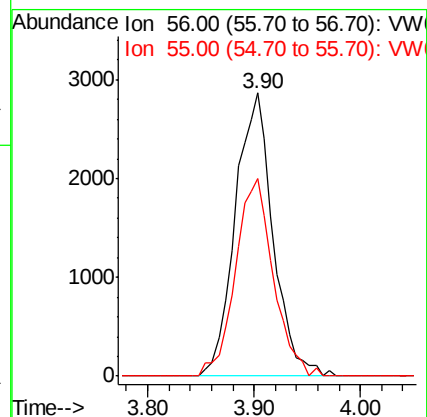
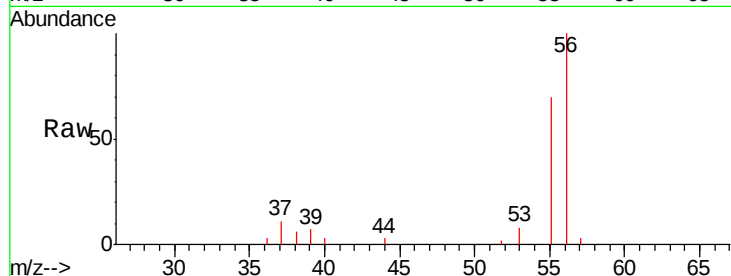
55 70.1 56.9 85.3

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#14

Allyl chloride

Concen: 20.095 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

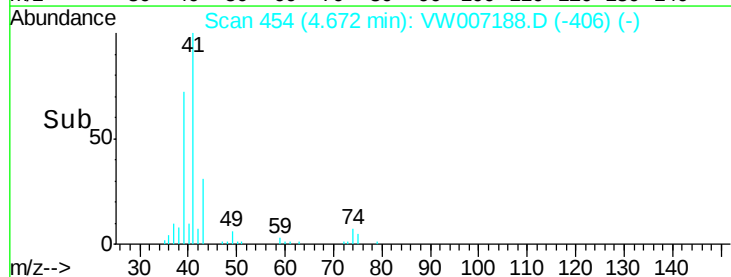
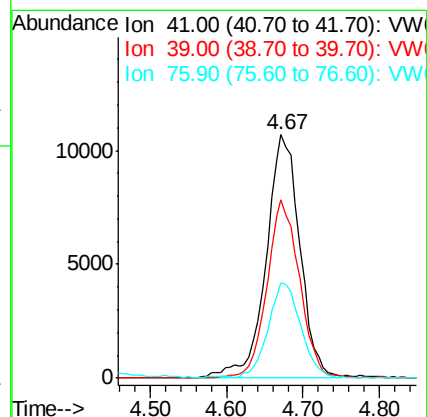
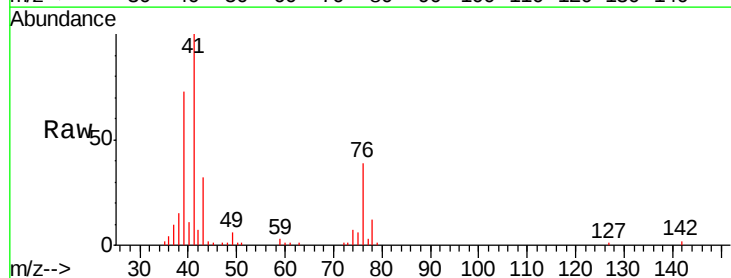
Tgt Ion: 41 Resp: 32890

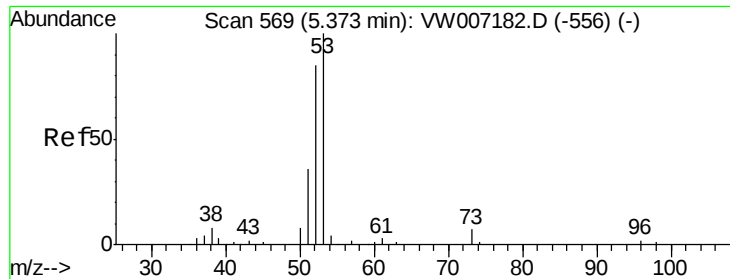
Ion Ratio Lower Upper

41 100

39 70.5 55.9 83.9

76 37.9 30.8 46.2





#15

Acrylonitrile

Concen: 97.297 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

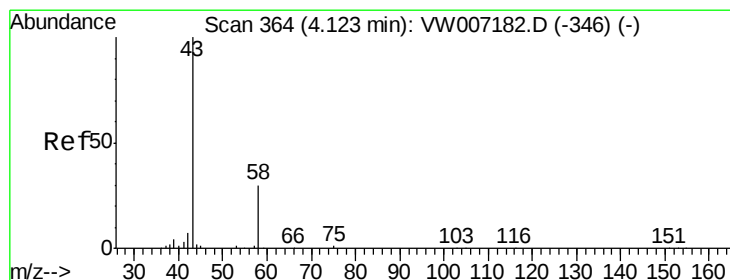
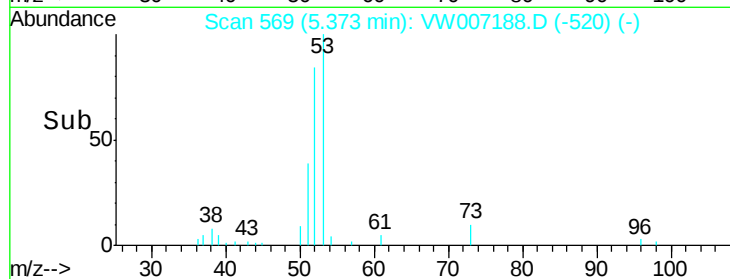
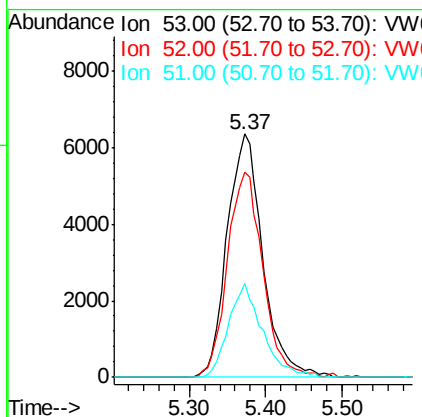
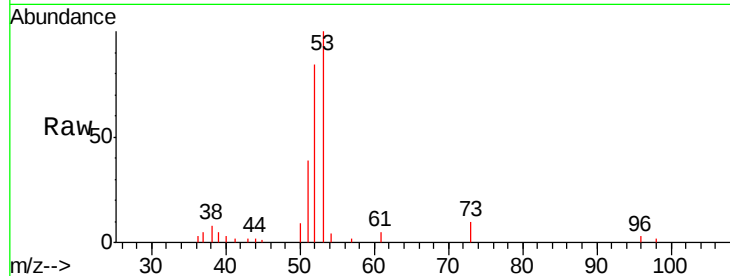
ClientSampleId :

VW1204SBS01

Tgt Ion:	53	Resp:	20450
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.1	99.1
51	36.9	30.3	45.5

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#16

Acetone

Concen: 100.257 ug/l

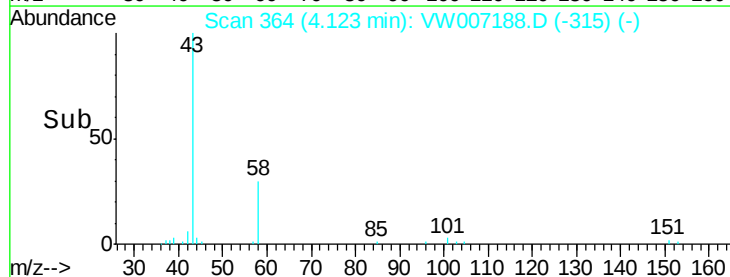
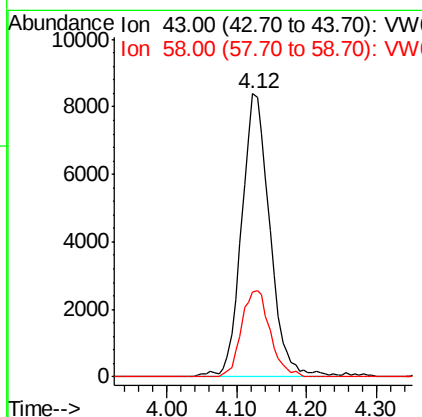
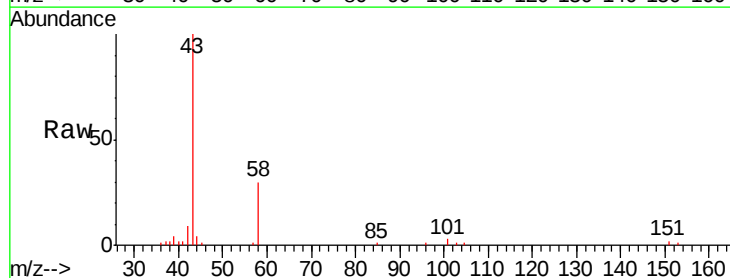
RT: 4.12 min Scan# 364

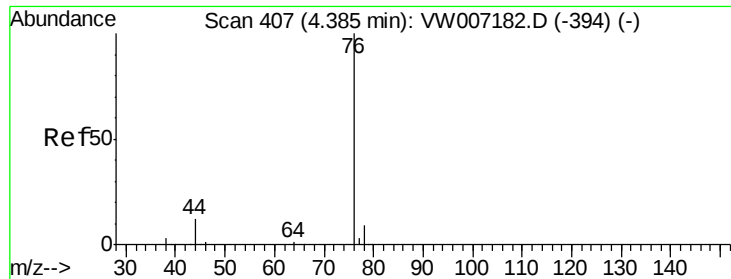
Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Tgt Ion:	43	Resp:	23566
Ion Ratio	Lower	Upper	
43	100		
58	29.9	23.8	35.8





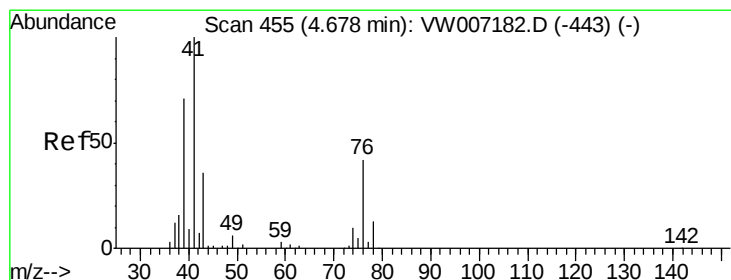
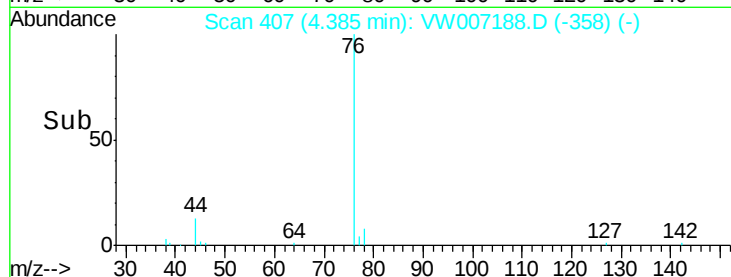
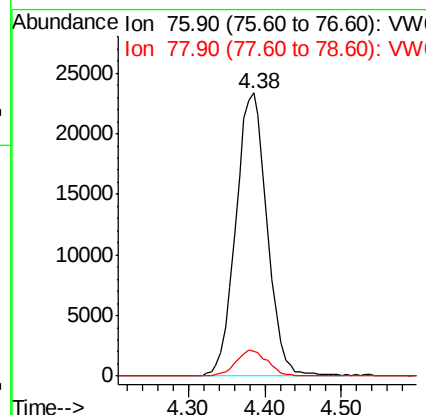
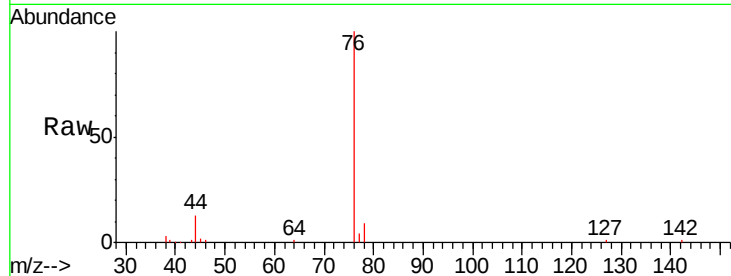
#17
Carbon Disulfide
Concen: 19.596 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion: 76 Resp: 65955
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

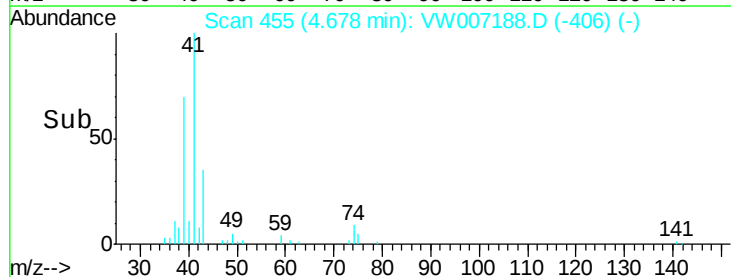
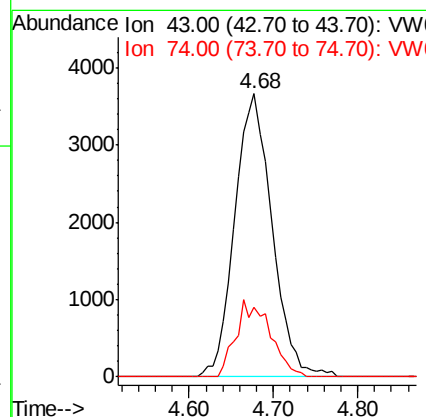
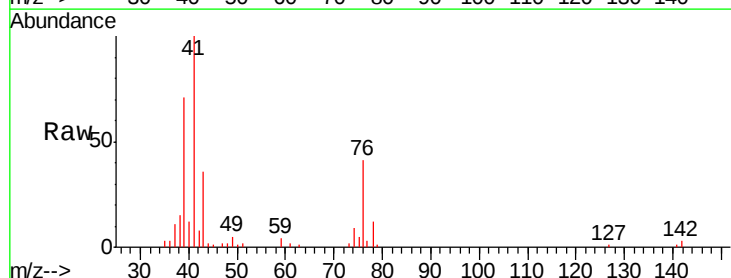
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#18
Methyl Acetate
Concen: 20.550 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion: 43 Resp: 11026
Ion Ratio Lower Upper
43 100
74 24.7 20.1 30.1





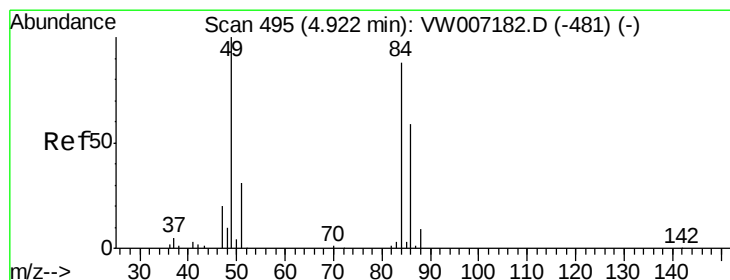
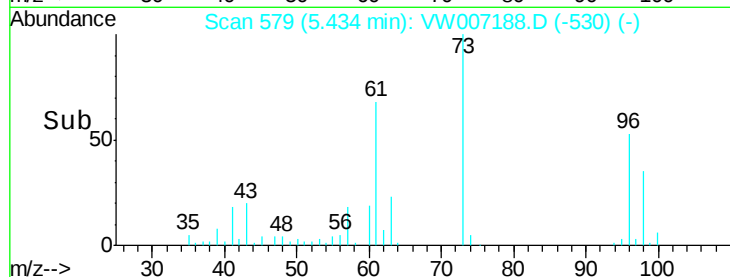
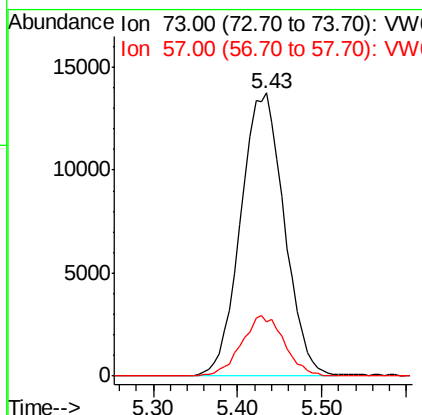
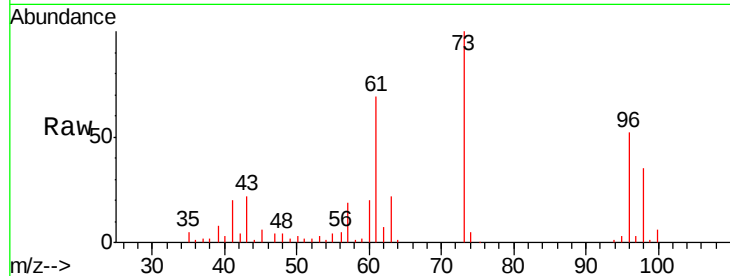
#19
Methyl tert-butyl Ether
Concen: 20.116 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion: 73 Resp: 48360
Ion Ratio Lower Upper
73 100
57 19.0 16.6 25.0

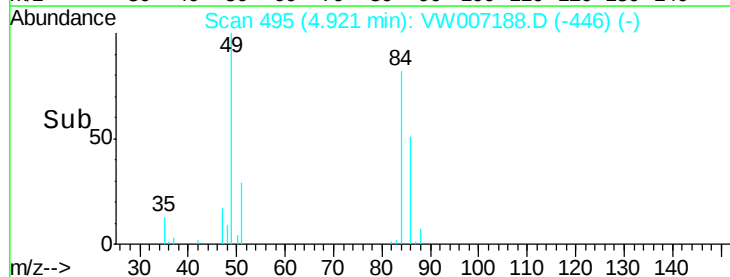
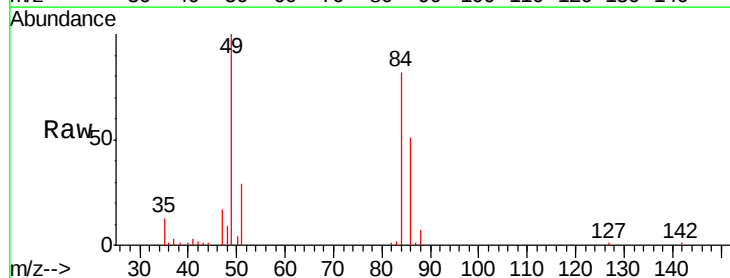
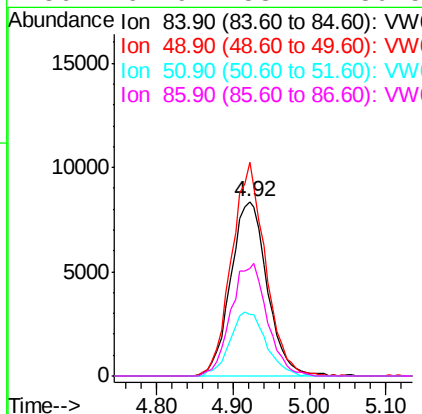
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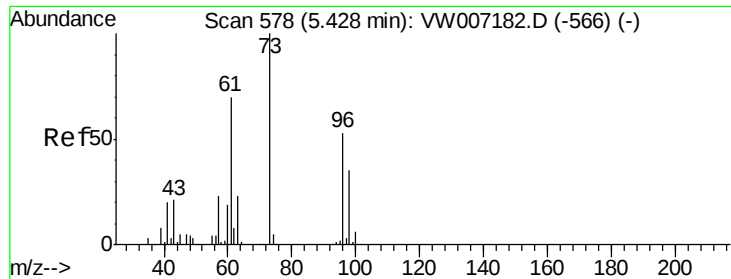
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#20
Methylene Chloride
Concen: 20.207 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion: 84 Resp: 27598
Ion Ratio Lower Upper
84 100
49 122.6 90.6 135.8
51 35.1 27.6 41.4
86 61.9 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 20.154 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

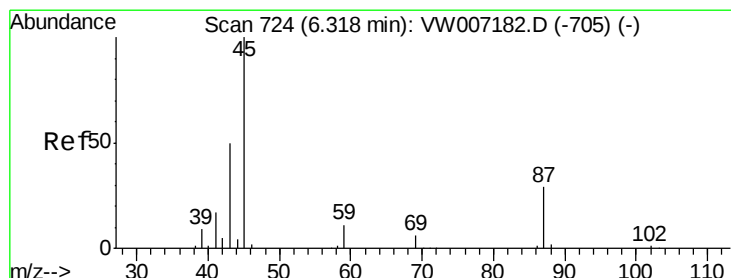
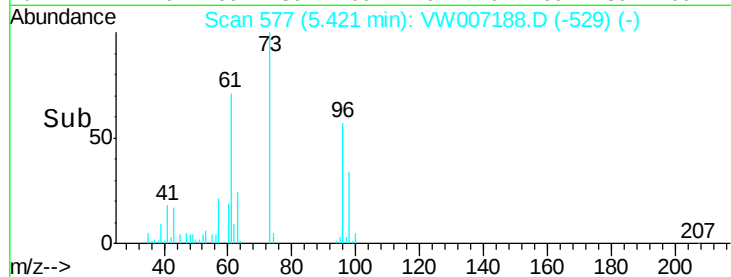
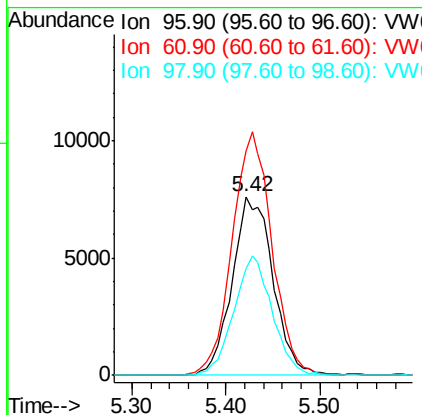
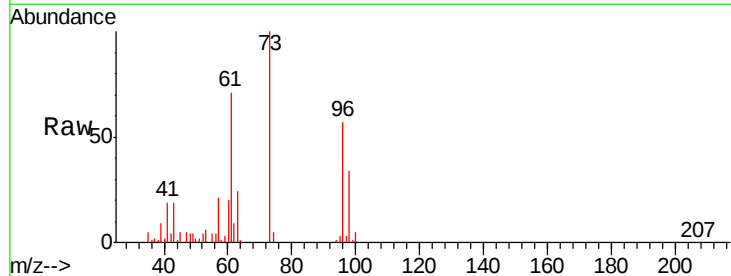
ClientSampled :

VW1204SBS01

Tgt Ion:	96	Resp:	22979
Ion	Ratio	Lower	Upper
96	100		
61	124.4	105.5	158.3
98	59.7	52.6	79.0

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#22

Diisopropyl ether

Concen: 20.420 ug/l

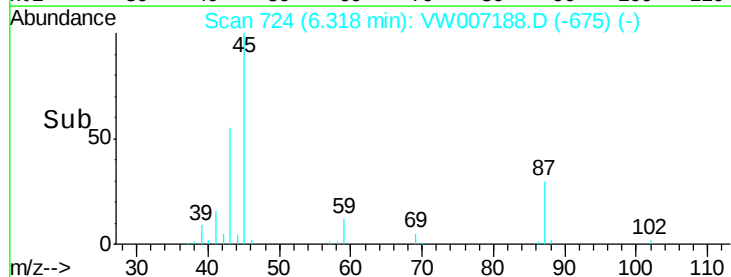
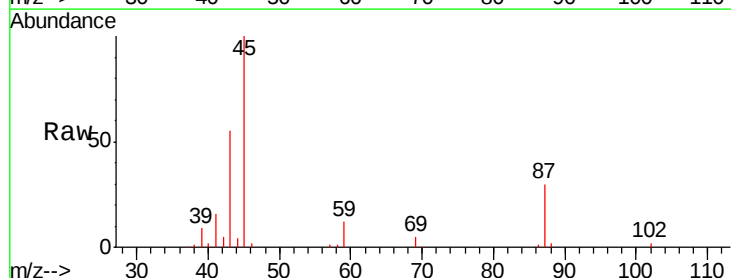
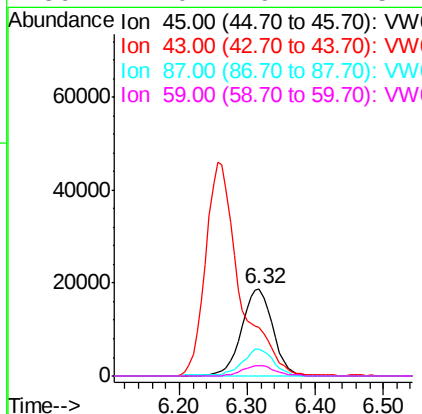
RT: 6.32 min Scan# 724

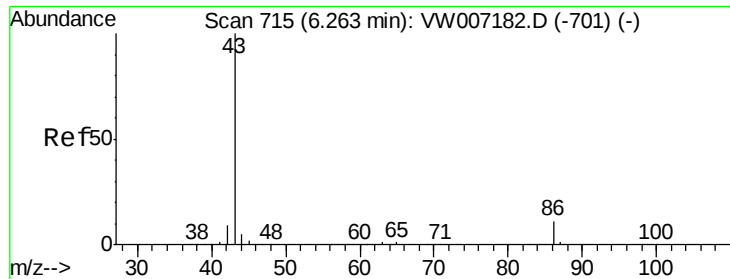
Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Tgt Ion:	45	Resp:	59998
Ion	Ratio	Lower	Upper
45	100		
43	54.7	40.8	61.2
87	30.1	24.0	36.0
59	12.0	9.1	13.7





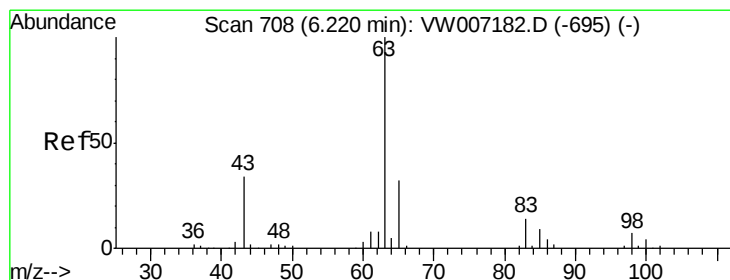
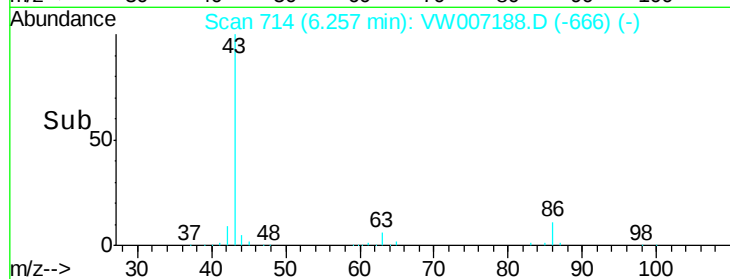
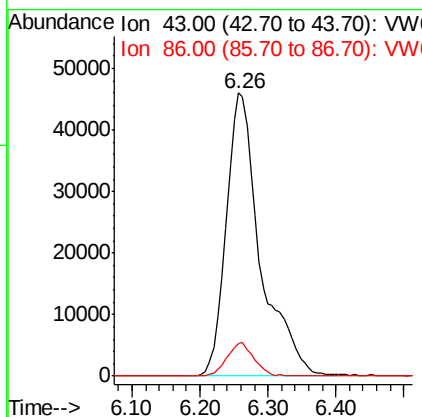
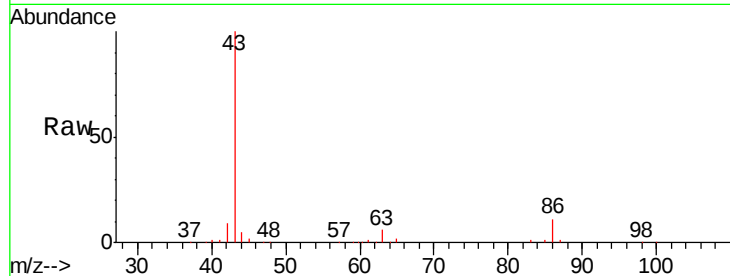
#23
 Vinyl Acetate
 Concen: 100.072 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	160436		
86	11.4	9.0	13.6	

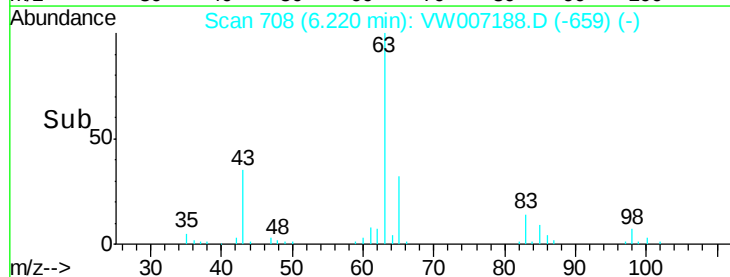
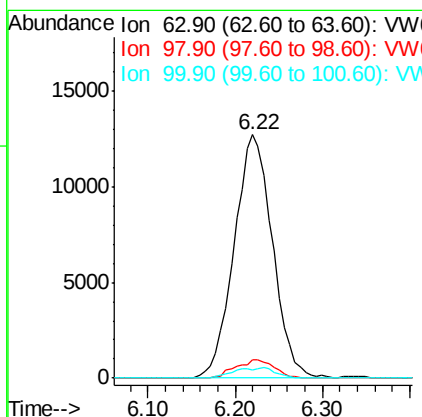
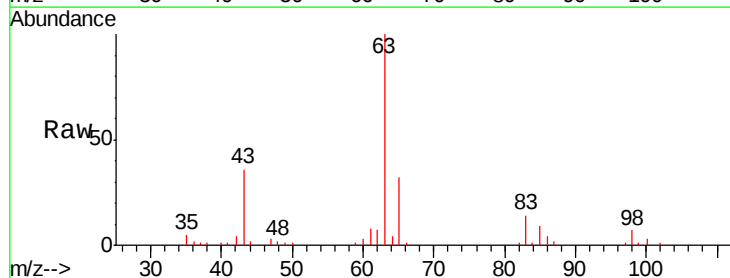
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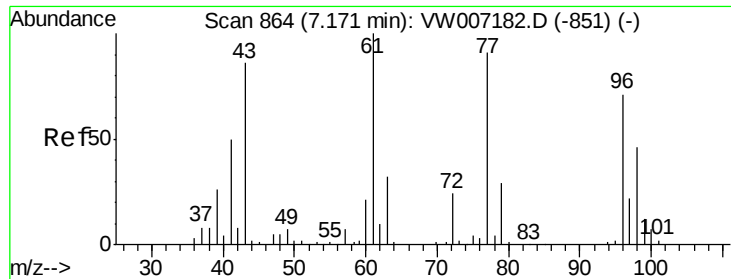
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#24
 1,1-Dichloroethane
 Concen: 20.568 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	38734		
98	7.3	3.5	10.5	
100	3.4	2.1	6.2	





#25

2-Butanone

Concen: 93.421 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

Tgt Ion: 43 Resp: 25455

Ion Ratio Lower Upper

43 100

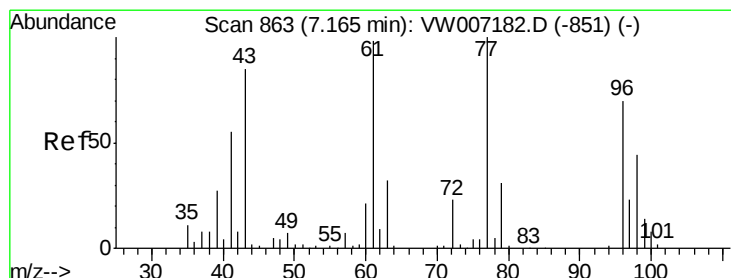
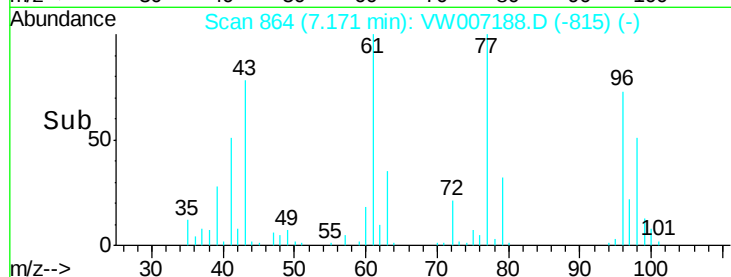
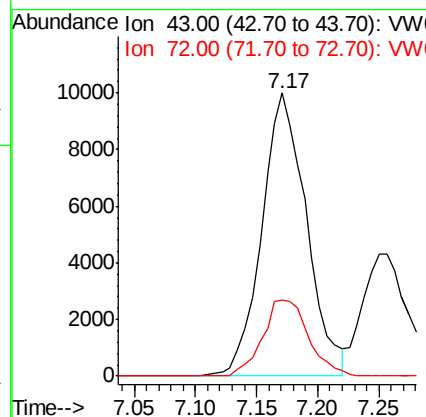
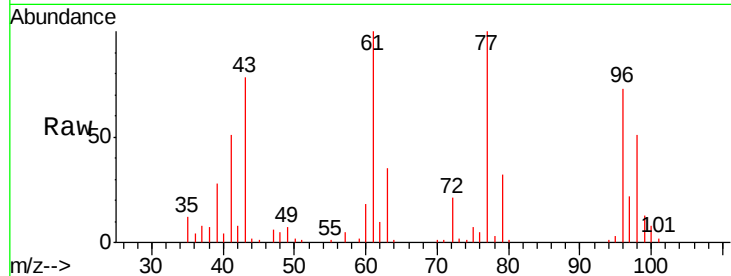
72 26.8 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 20.194 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007188.D

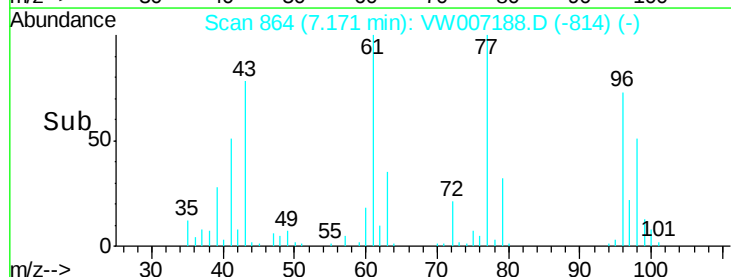
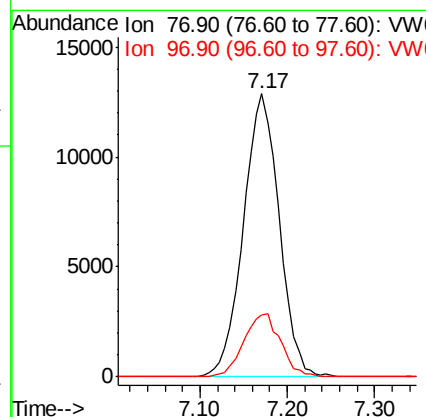
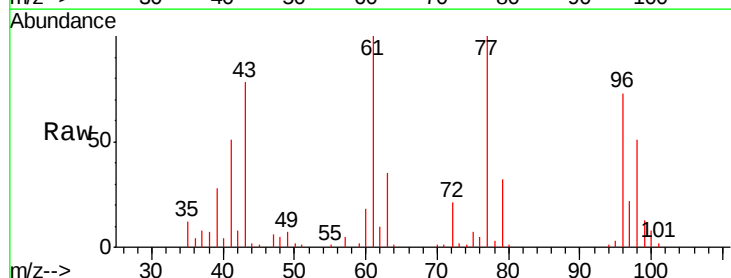
Acq: 04 Dec 2018 15:39

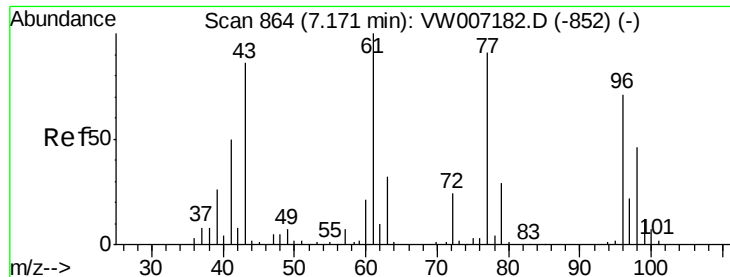
Tgt Ion: 77 Resp: 36545

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4





#27

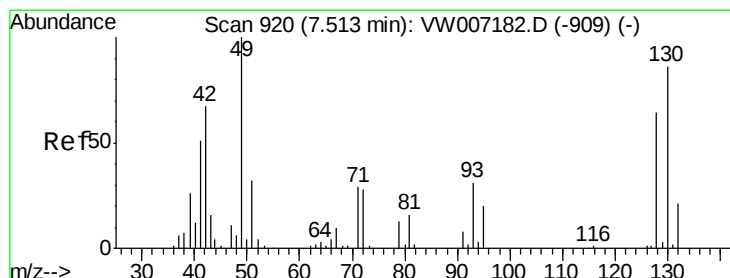
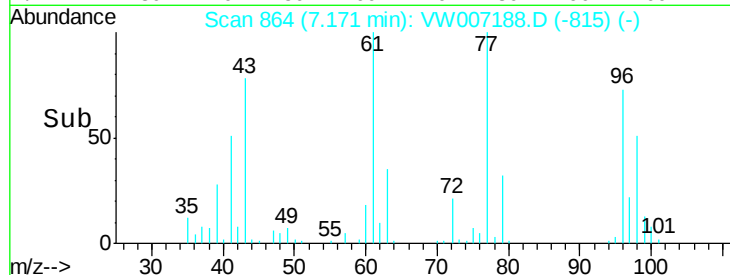
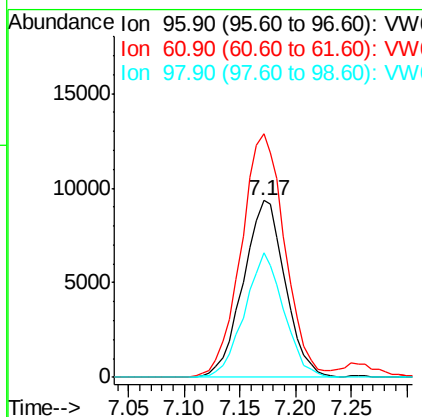
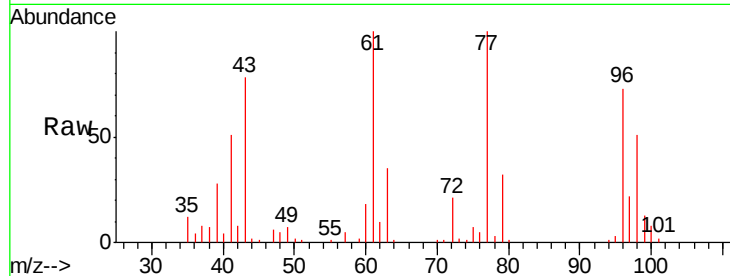
cis-1,2-Dichloroethene
Concen: 20.099 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	24566		
61	143.1	0.0	282.4	
98	65.8	0.0	129.8	

Manual Integrations
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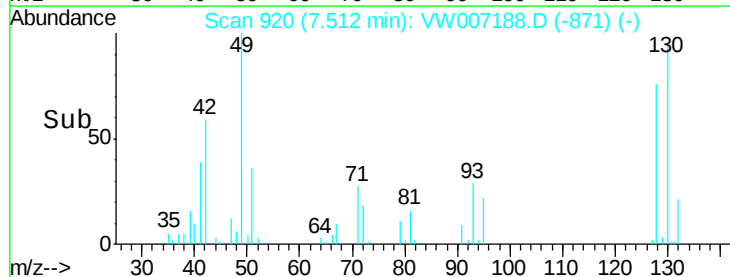
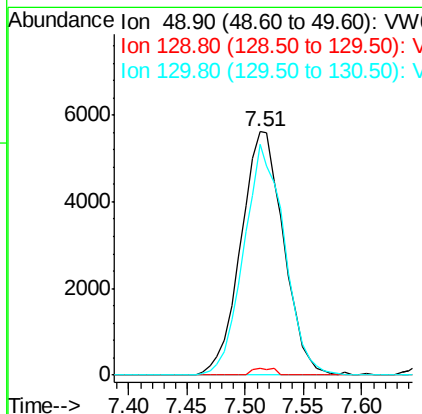
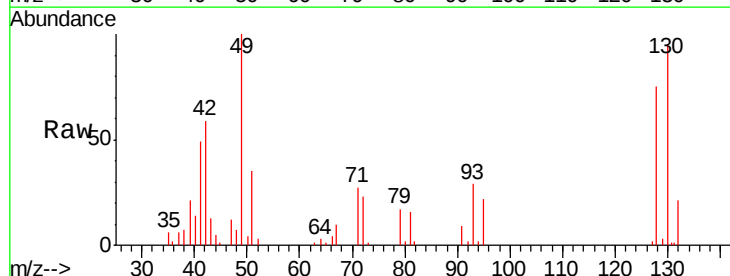
apatel
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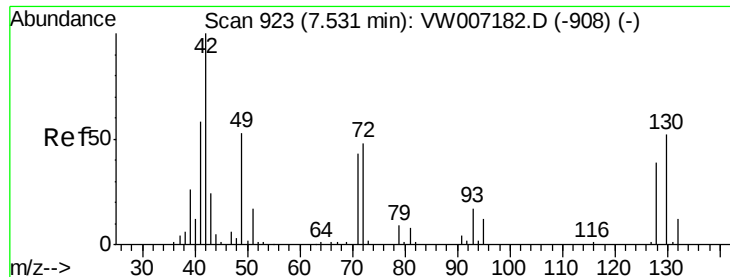


#28

Bromochloromethane
Concen: 21.106 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	14332		
129	1.5	0.0	3.8	
130	90.4	70.3	105.5	





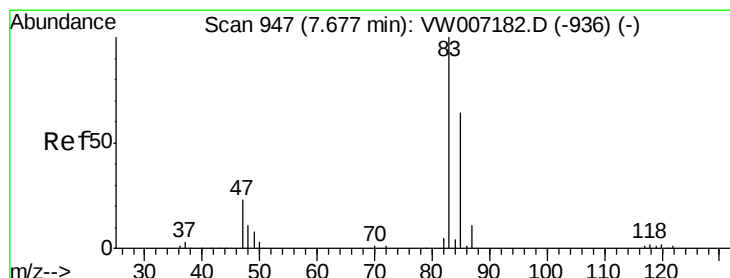
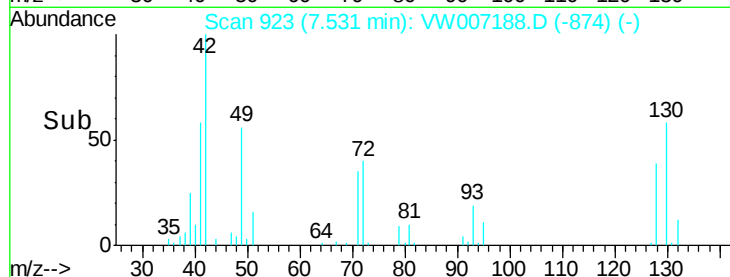
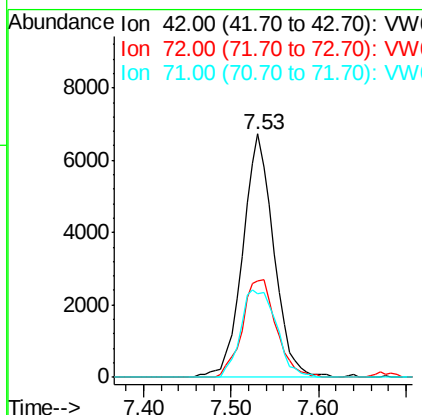
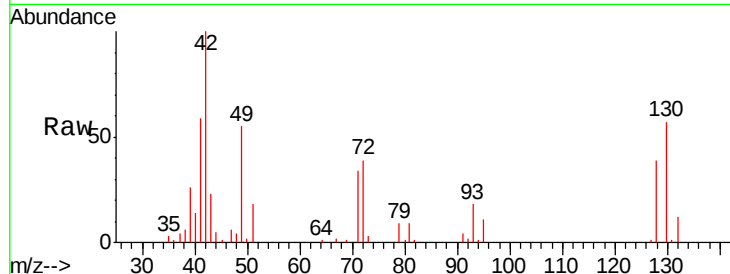
#29
Tetrahydrofuran
Concen: 98.326 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.8	36.6	55.0
71	41.6	34.8	52.2

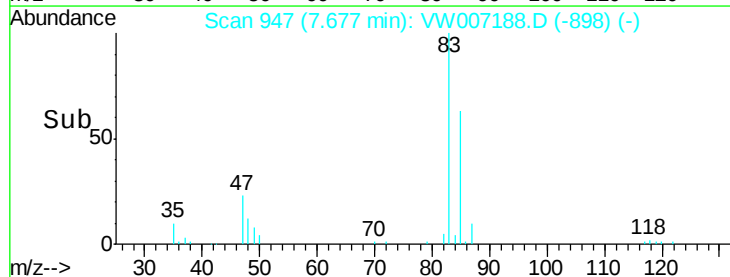
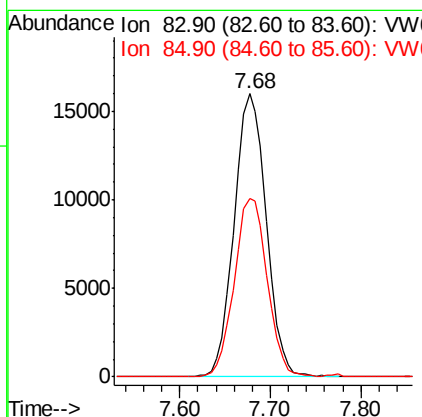
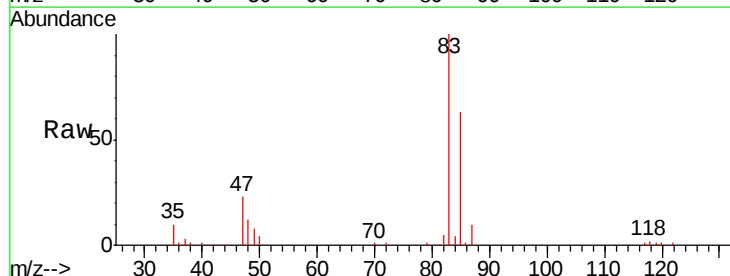
Manual Integrations
APPROVED

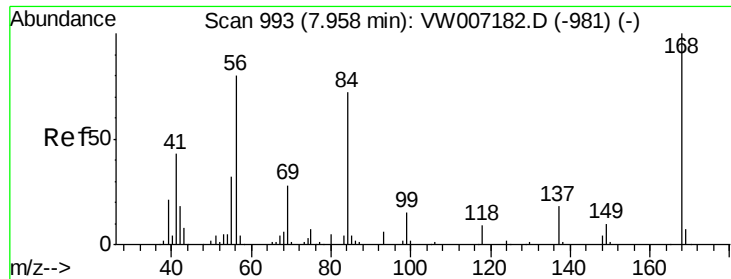
apatel
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#30
Chloroform
Concen: 20.025 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.5	77.3





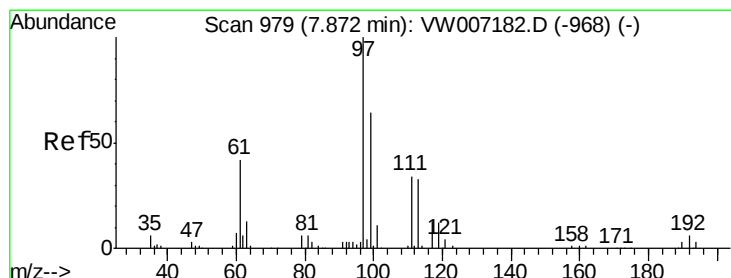
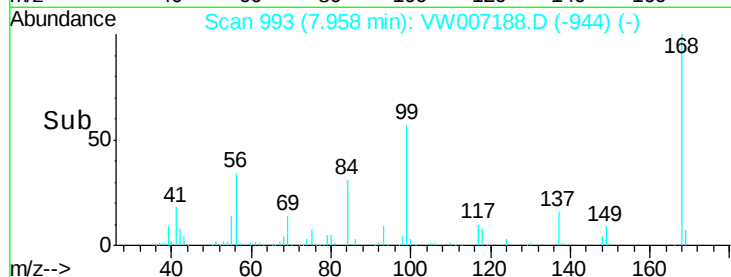
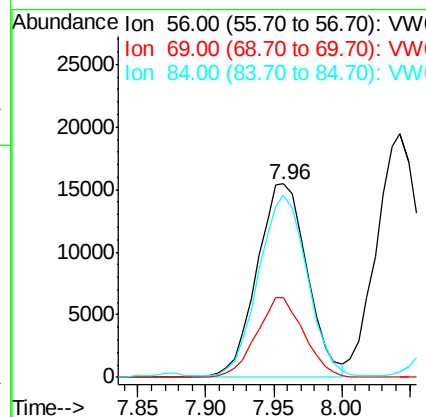
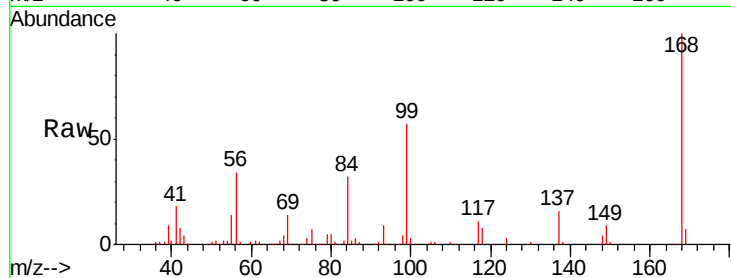
#31
Cyclohexane
Concen: 20.257 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	40.9	28.2	42.2
84	92.9	72.1	108.1

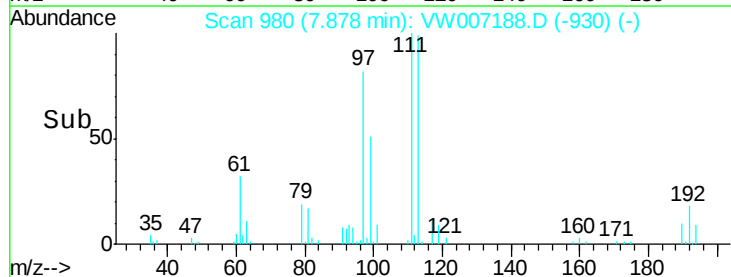
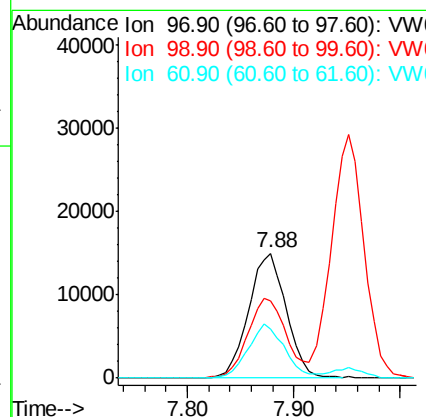
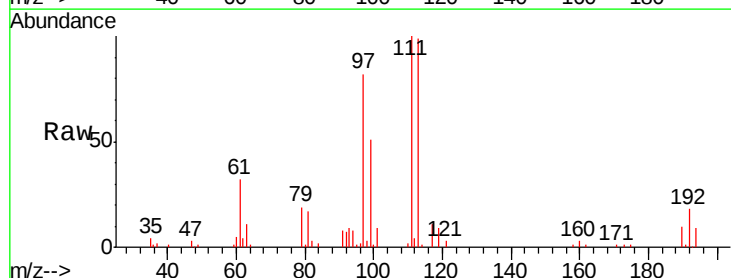
Manual Integrations
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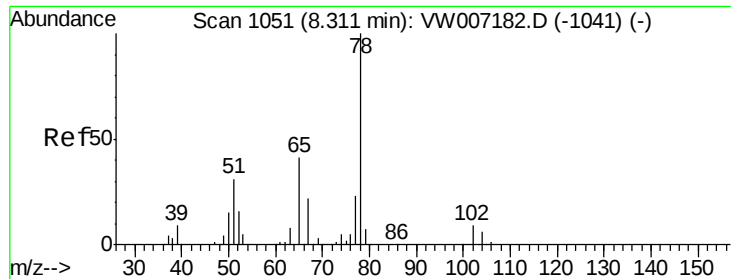
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#32
1,1,1-Trichloroethane
Concen: 20.139 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.5	51.3	76.9
61	42.0	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 51.979 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

Tgt Ion: 65 Resp: 51610

Ion Ratio Lower Upper

65 100

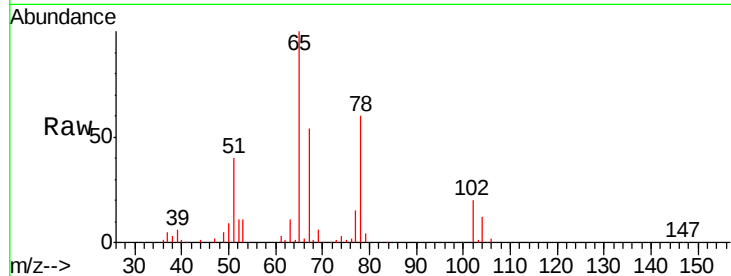
67 52.0 0.0 106.4

Manual Integrations

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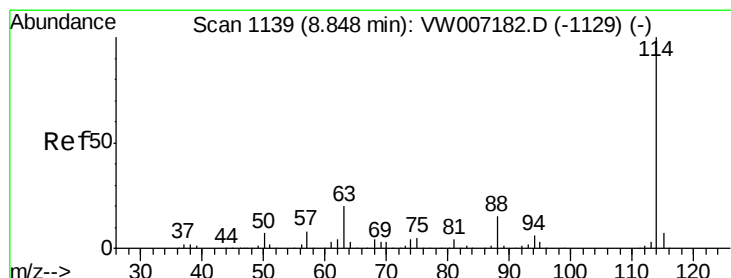
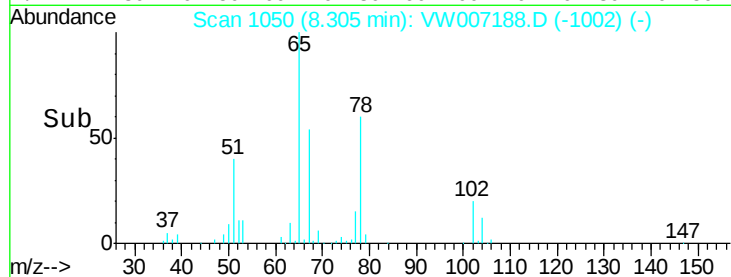
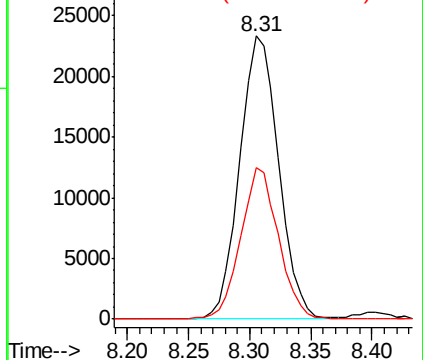
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

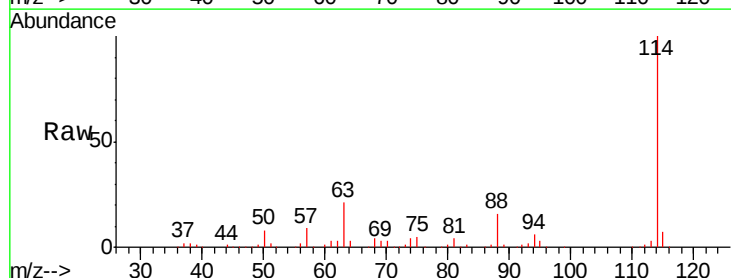
Tgt Ion: 114 Resp: 164618

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.2

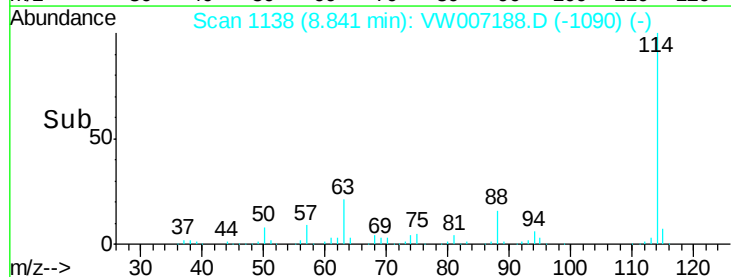
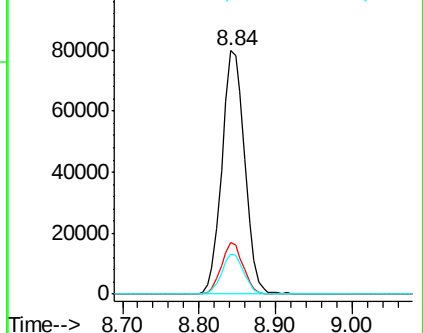
88 16.4 0.0 30.0

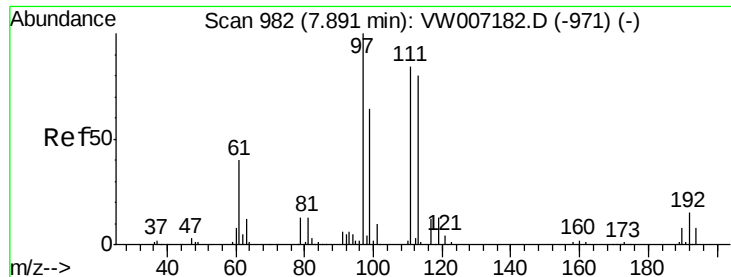


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





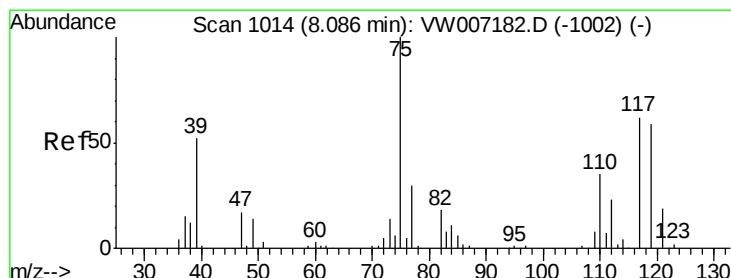
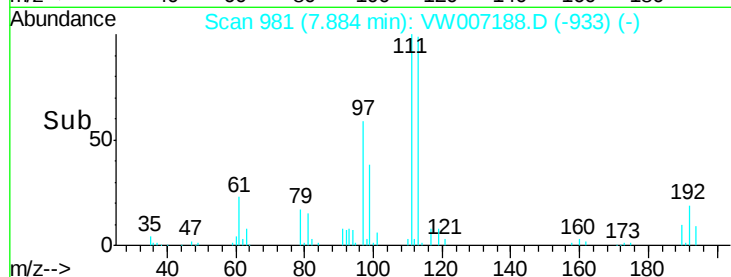
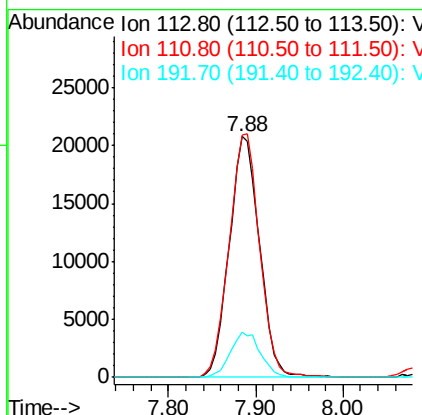
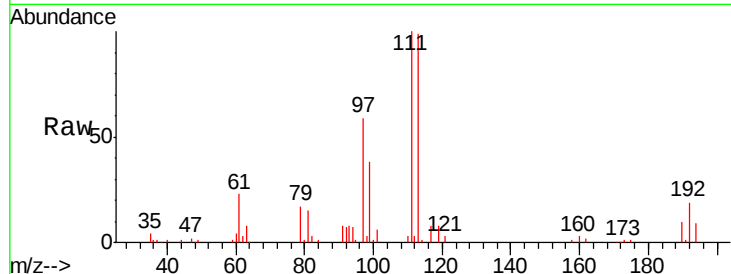
#35
 Dibromofluoromethane
 Concen: 53.030 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	49986		
111	102.1	82.2	123.4	
192	18.3	14.4	21.6	

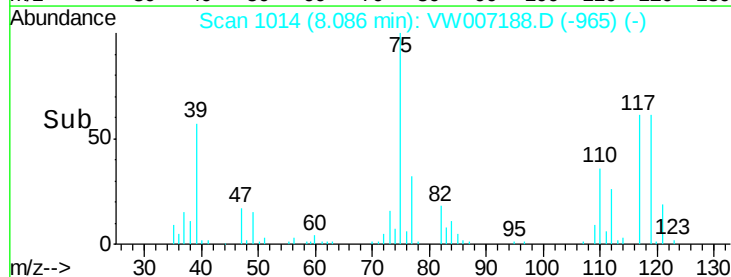
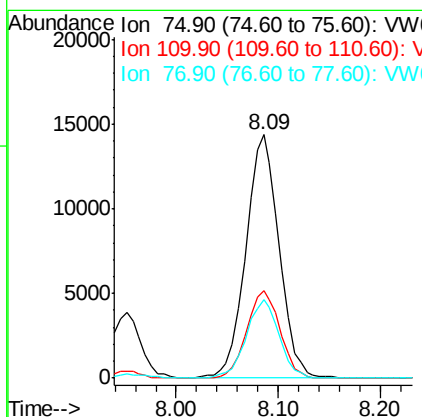
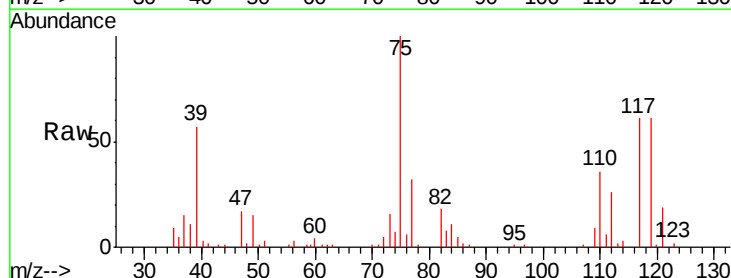
Manual Integrations
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#36
 1,1-Dichloropropene
 Concen: 20.307 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32527		
110	35.9	18.3	54.9	
77	31.7	24.9	37.3	





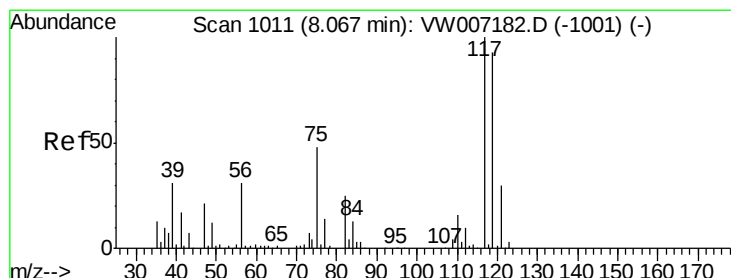
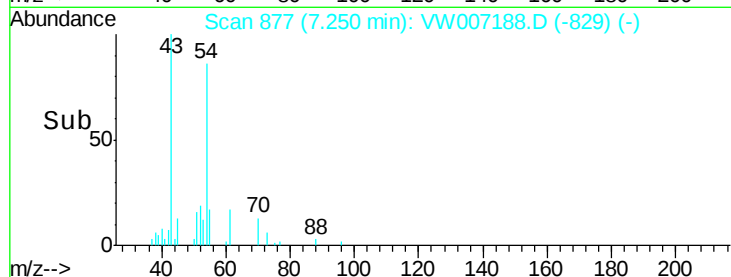
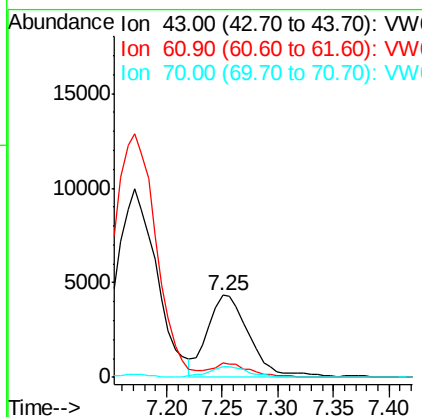
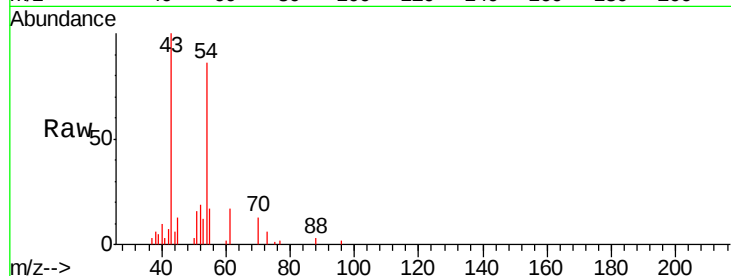
#37
Ethyl Acetate
Concen: 19.051 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.1	18.1
70	12.5	9.1	13.7

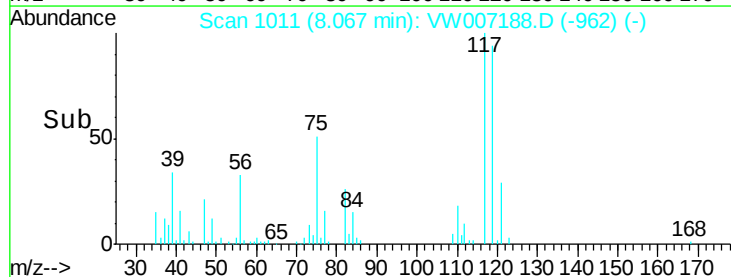
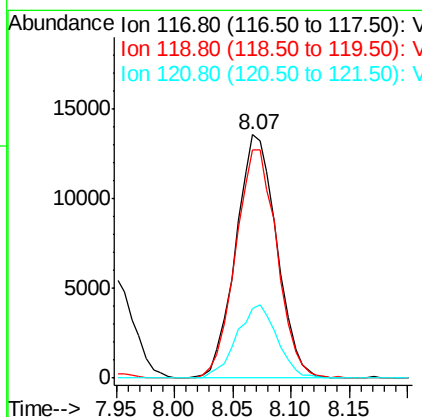
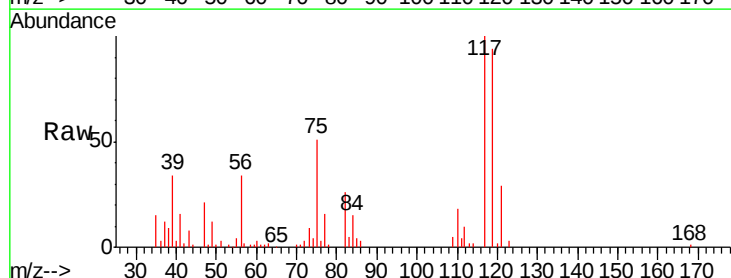
Manual Integrations
APPROVED

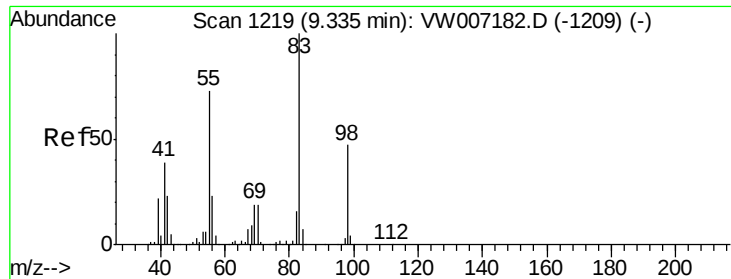
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#38
Carbon Tetrachloride
Concen: 20.246 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	74.1	111.1
121	28.5	23.9	35.9





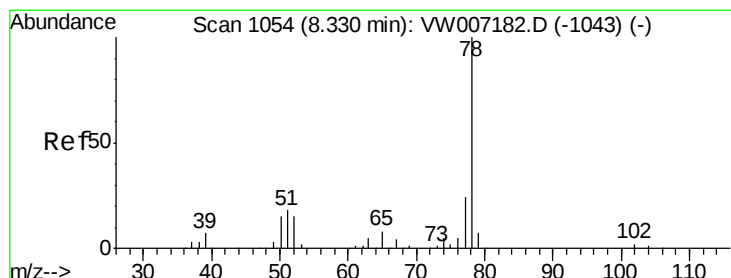
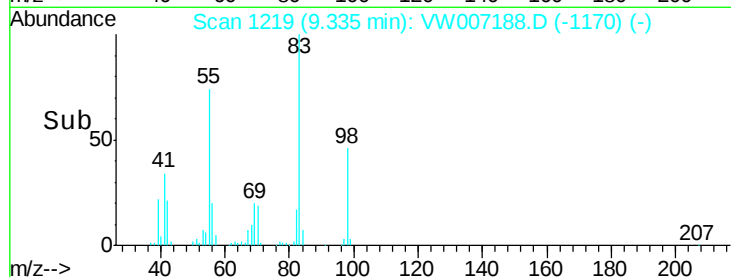
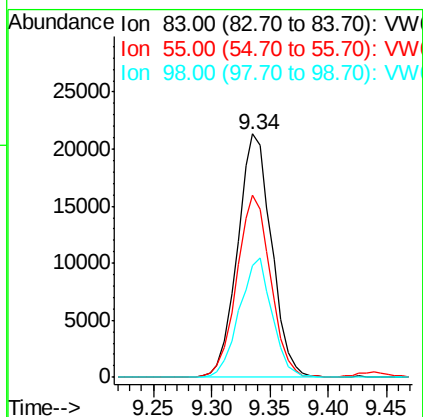
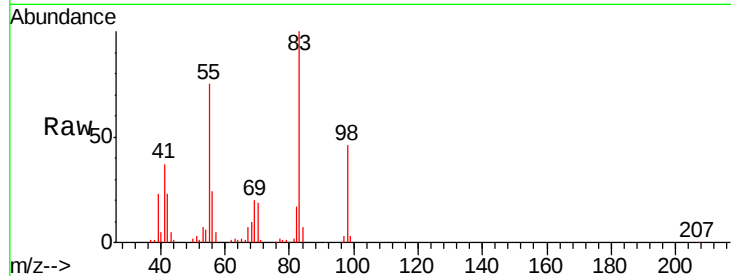
#39
Methylcyclohexane
Concen: 20.173 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.8	58.1	87.1
98	45.9	37.3	55.9

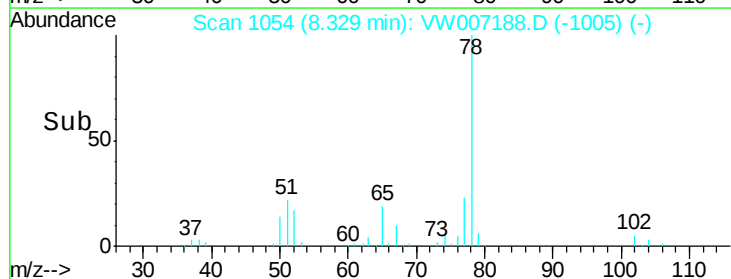
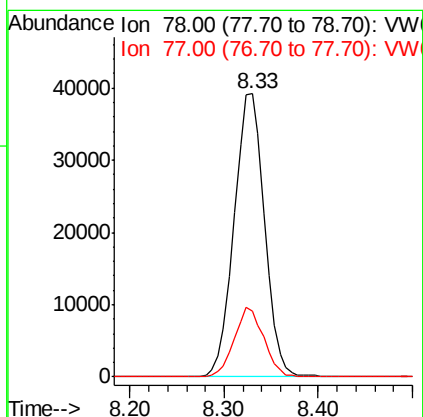
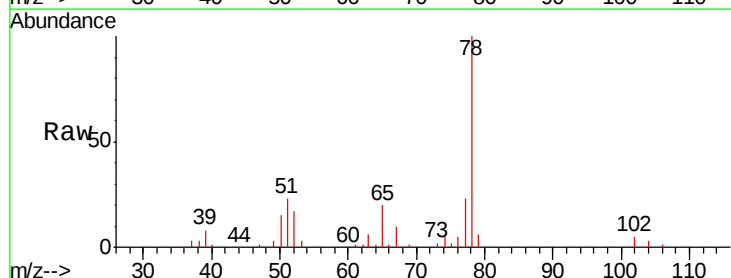
Manual Integrations
APPROVED

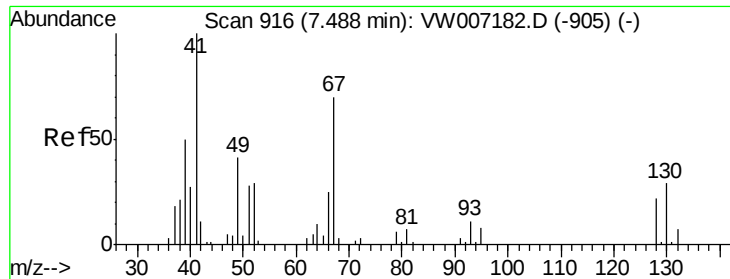
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#40
Benzene
Concen: 20.124 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3





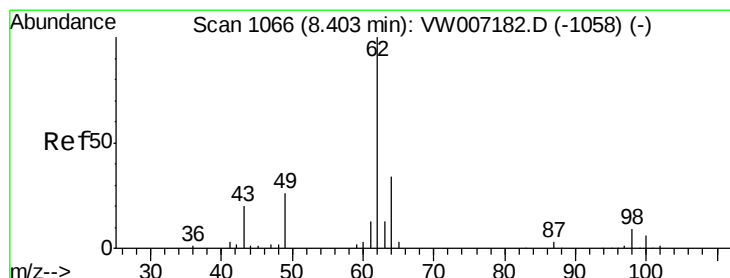
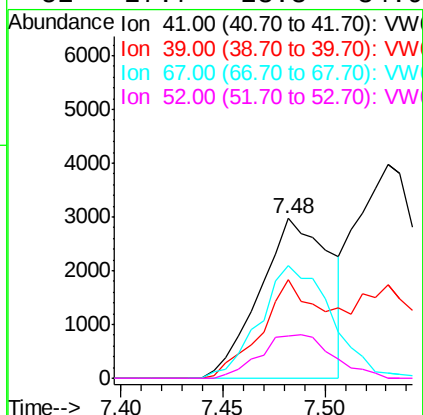
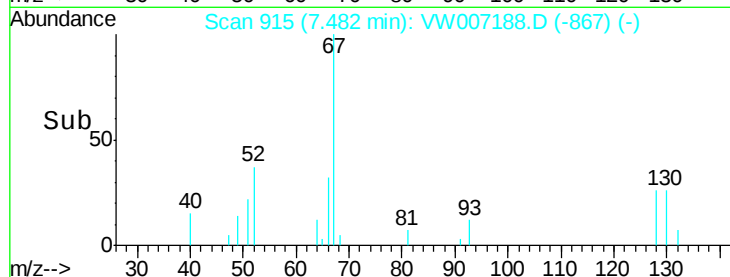
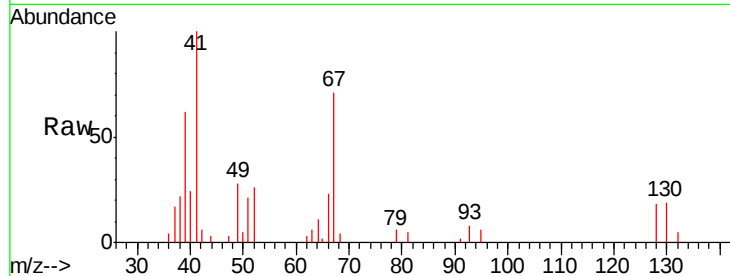
#41
Methacrylonitrile
Concen: 20.657 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion:	41	Resp:	7169
Ion	Ratio	Lower	Upper
41	100		
39	49.0	43.4	65.0
67	71.6	57.4	86.0
52	27.7	23.3	34.9

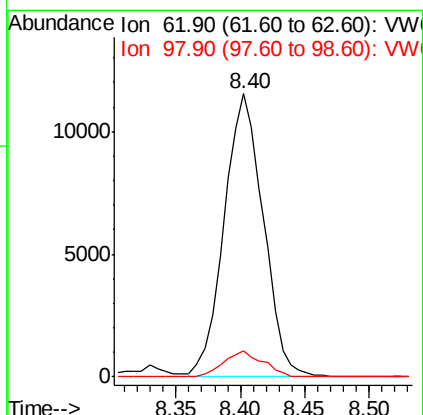
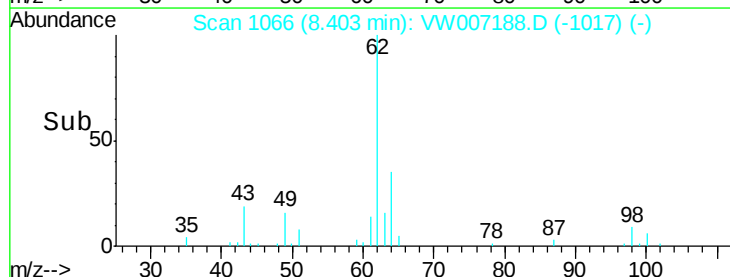
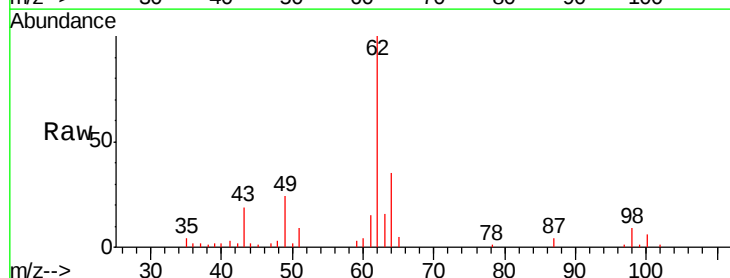
Manual Integrations
APPROVED

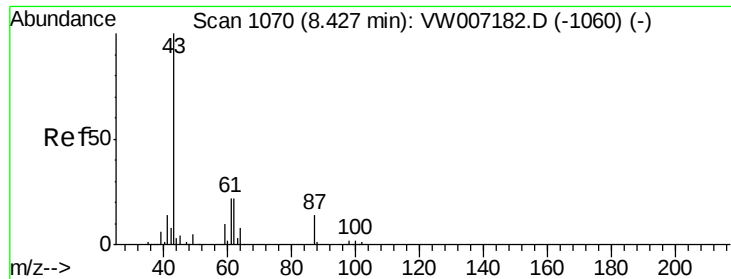
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#42
1,2-Dichloroethane
Concen: 19.932 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion:	62	Resp:	24467
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8





#43

Isopropyl Acetate

Concen: 19.704 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

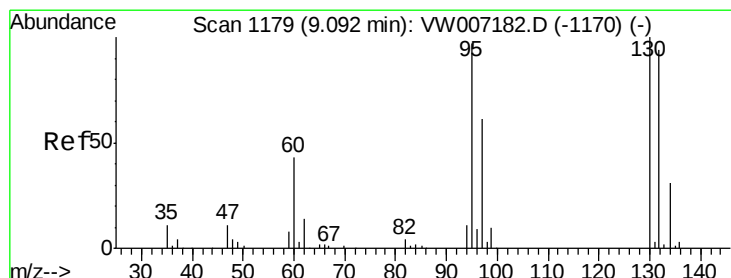
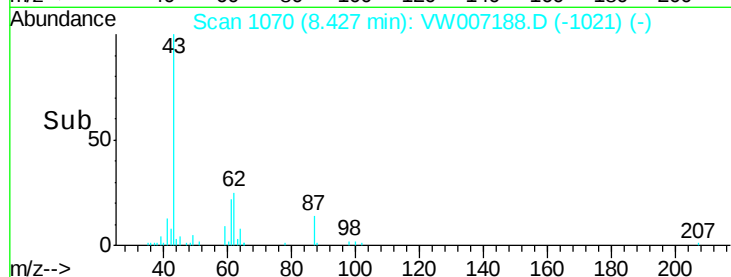
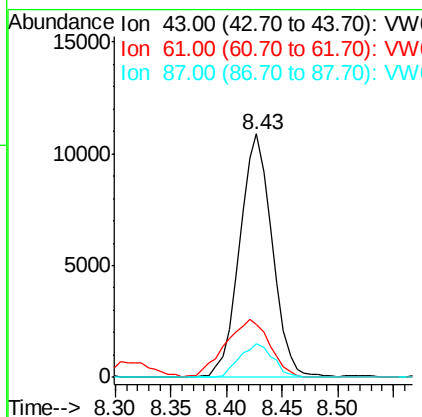
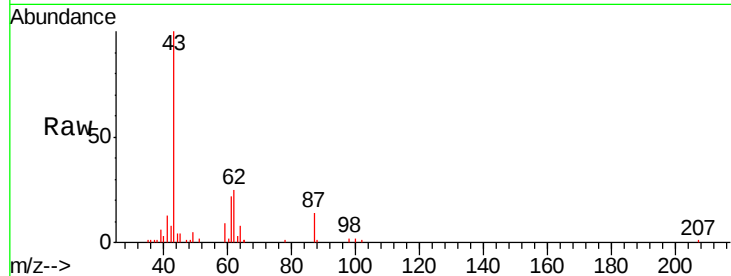
ClientSampleId :

VW1204SBS01

Tgt Ion:	43	Resp:	22173
Ion	Ratio	Lower	Upper
43	100		
61	32.2	25.4	38.0
87	14.2	11.4	17.0

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#44

Trichloroethene

Concen: 20.448 ug/l

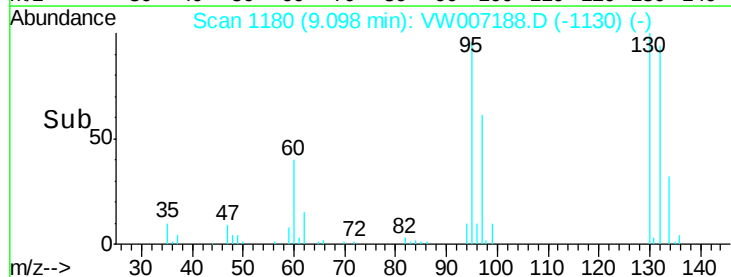
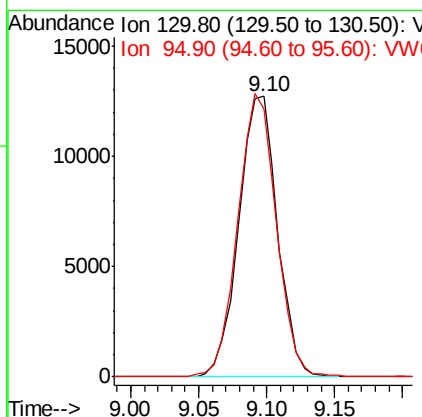
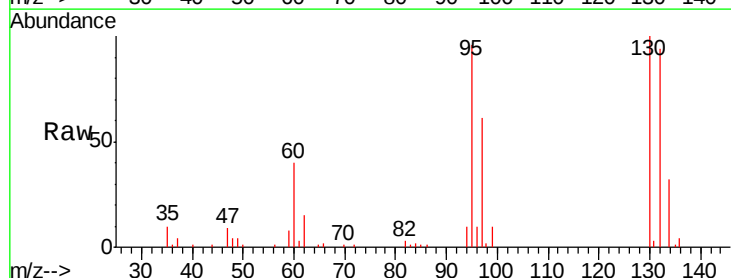
RT: 9.10 min Scan# 1180

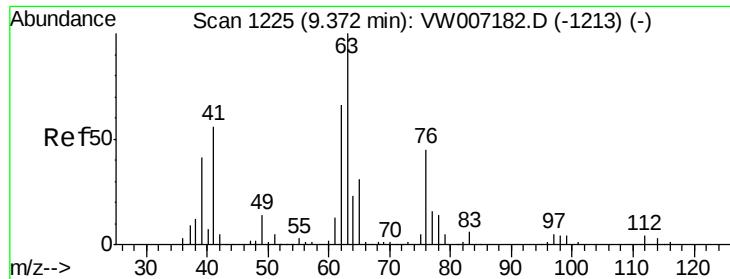
Delta R.T. 0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Tgt Ion:	130	Resp:	25245
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	194.0





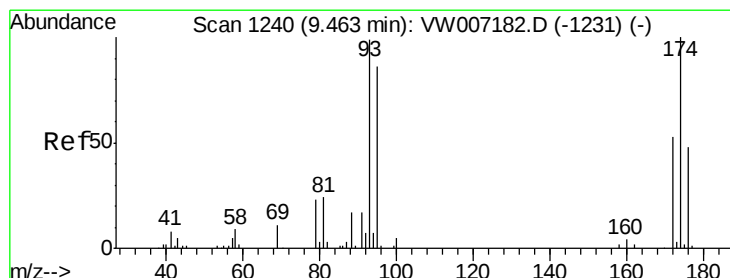
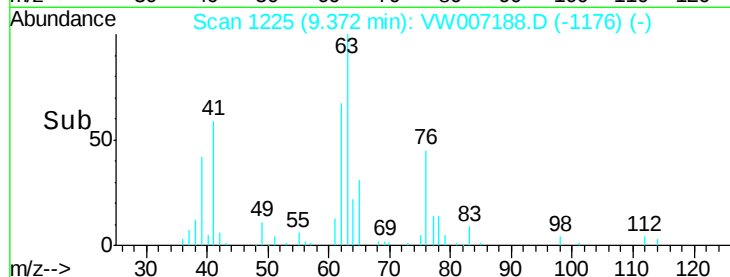
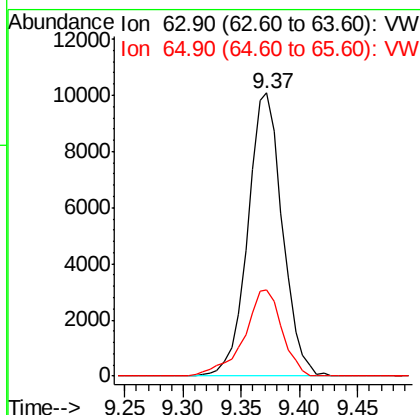
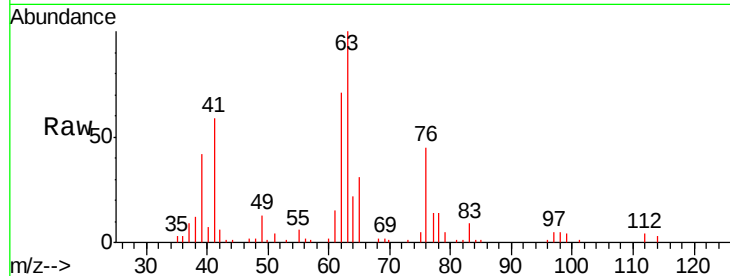
#45
 1,2-Dichloropropane
 Concen: 20.296 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion: 63 Resp: 20745
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.4

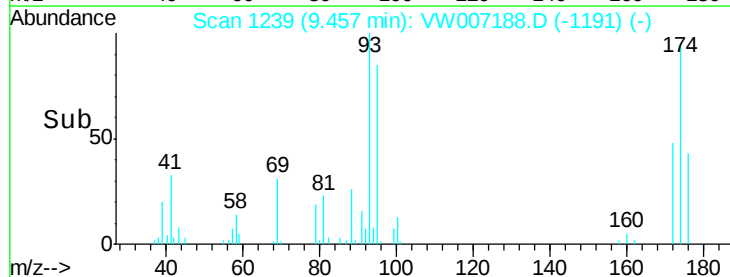
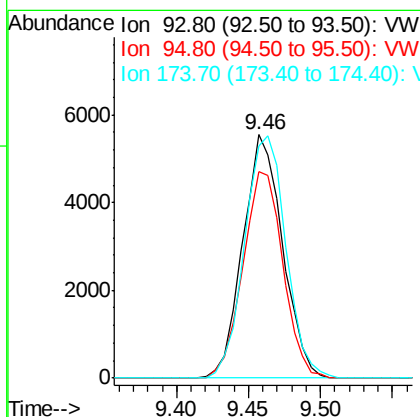
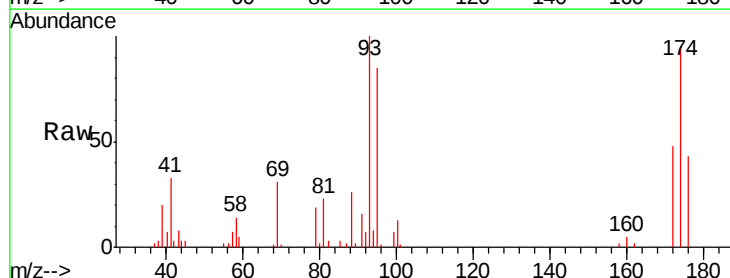
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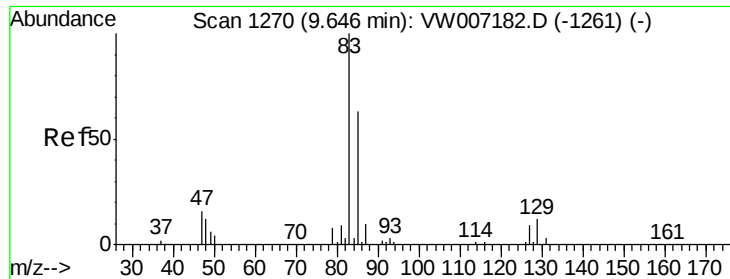
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#46
 Dibromomethane
 Concen: 20.011 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion: 93 Resp: 10628
 Ion Ratio Lower Upper
 93 100
 95 84.8 68.7 103.1
 174 102.7 82.9 124.3





#47

Bromodichloromethane

Concen: 20.343 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

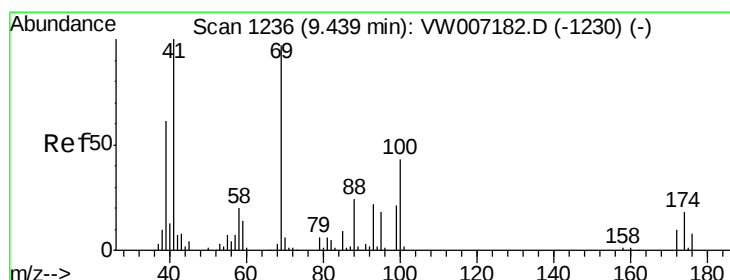
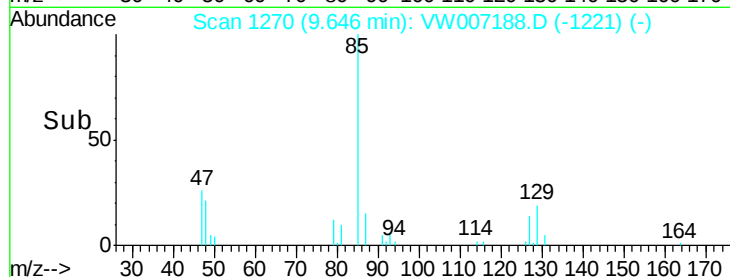
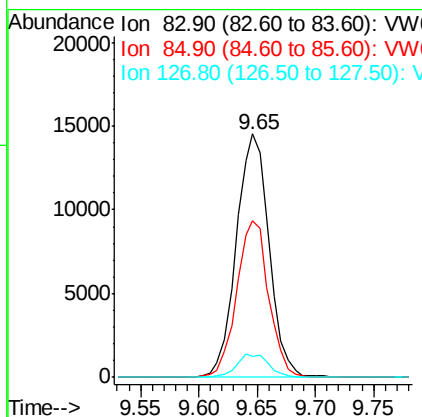
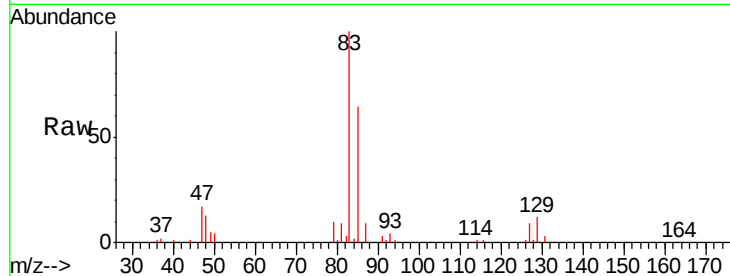
ClientSampleId :

VW1204SBS01

Tgt Ion:	83	Resp:	28420
Ion Ratio	Lower	Upper	
83	100		
85	64.2	50.6	76.0
127	8.8	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.612 ug/l

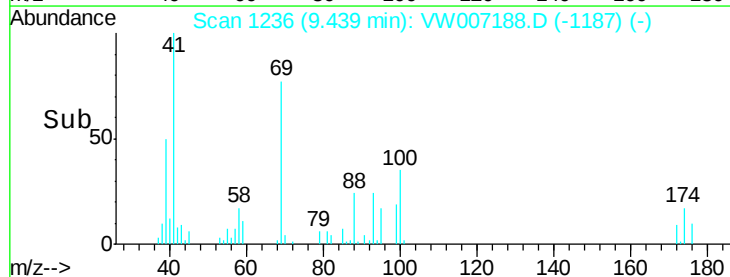
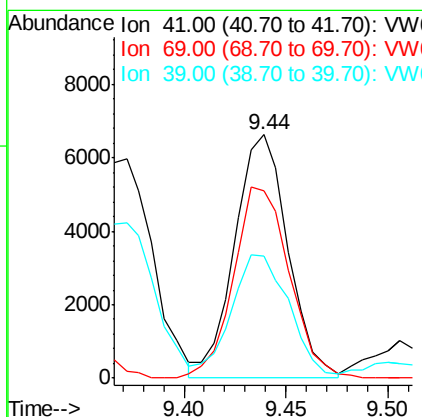
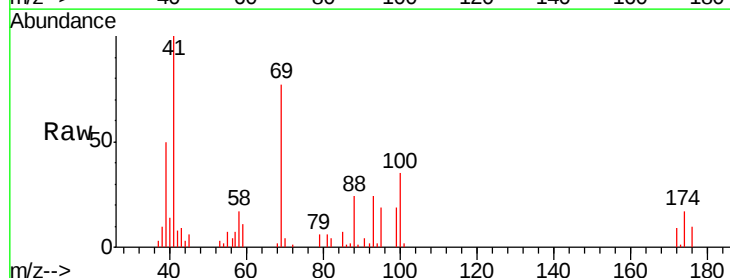
RT: 9.44 min Scan# 1236

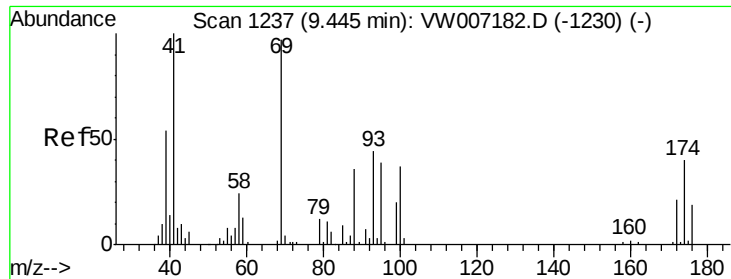
Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Tgt Ion:	41	Resp:	12038
Ion Ratio	Lower	Upper	
41	100		
69	82.3	69.6	104.4
39	50.8	42.4	63.6





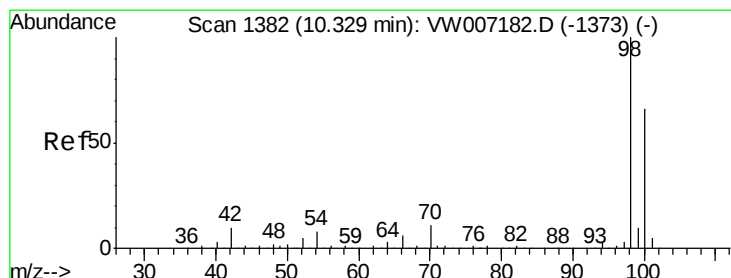
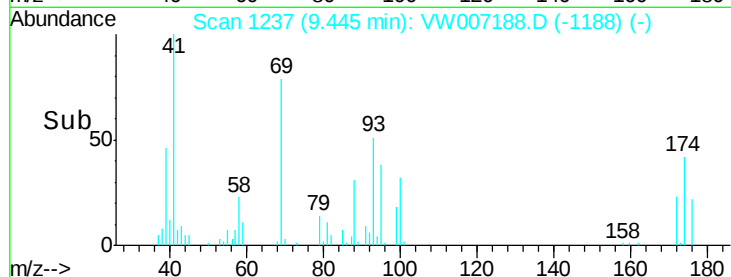
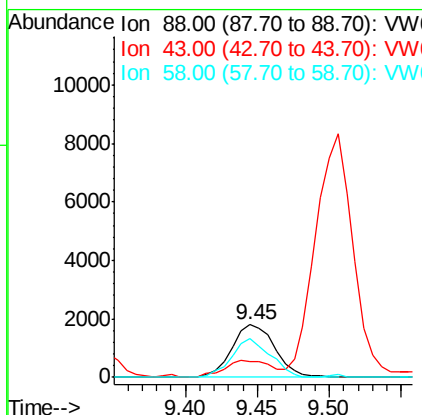
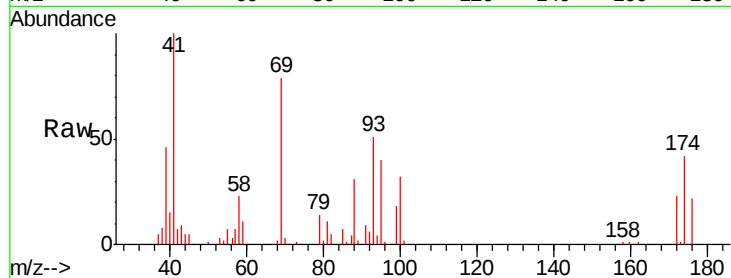
#49
1,4-Dioxane
Concen: 407.413 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampled :
VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.6	25.8	38.8
58	65.5	58.9	88.3

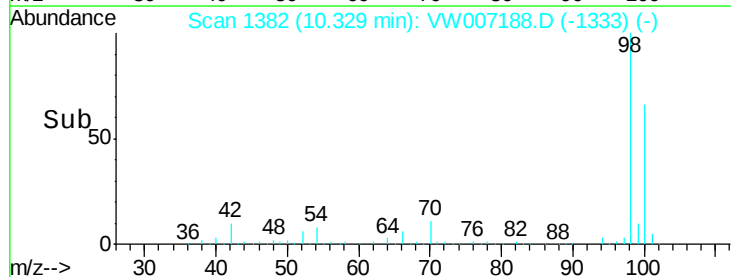
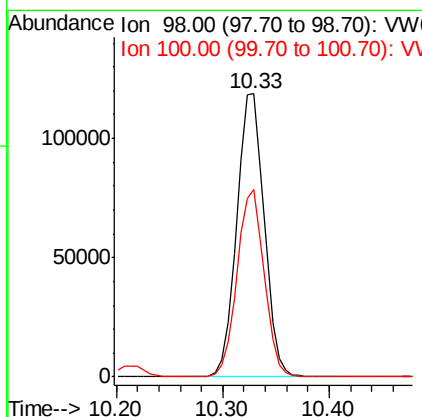
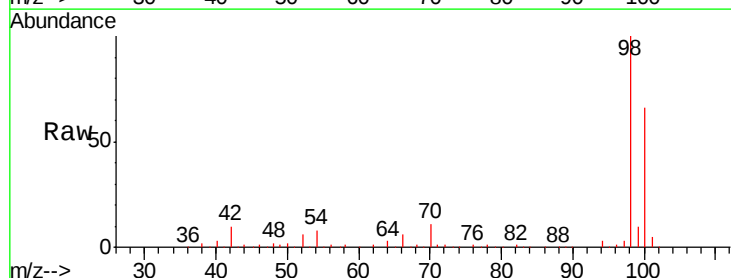
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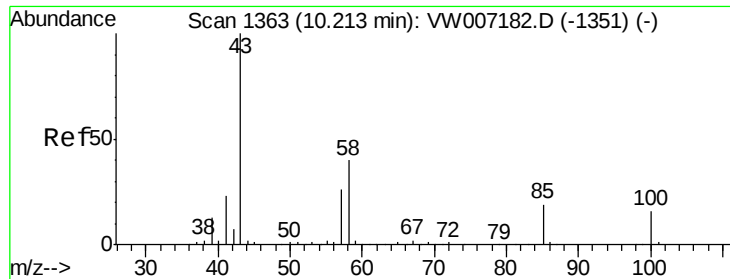
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#50
Toluene-d8
Concen: 51.936 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.7	79.1





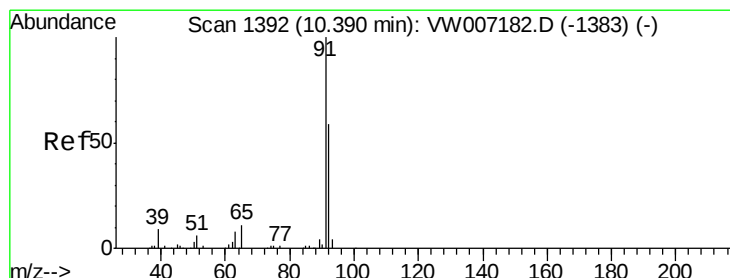
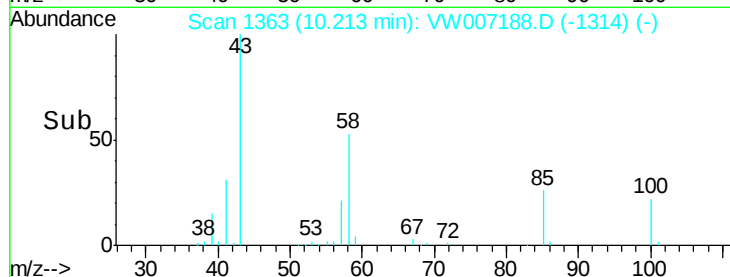
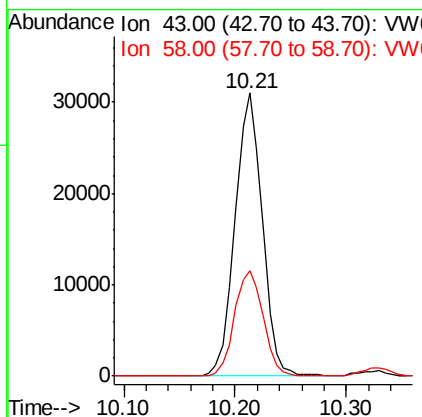
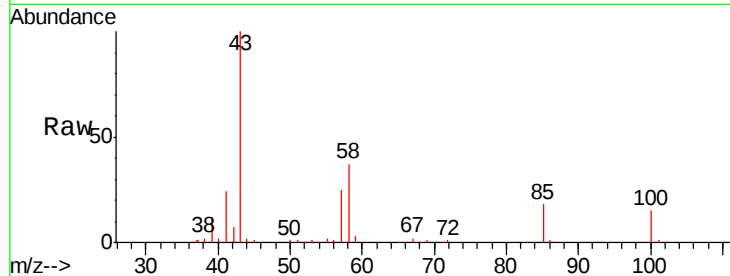
#51
 4-Methyl-2-Pentanone
 Concen: 94.743 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.1	32.3	48.5

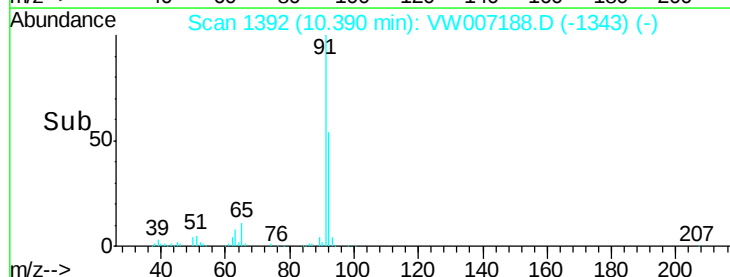
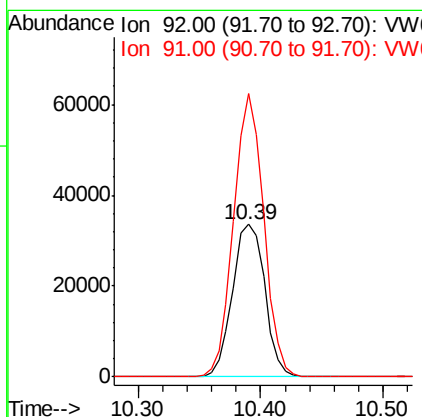
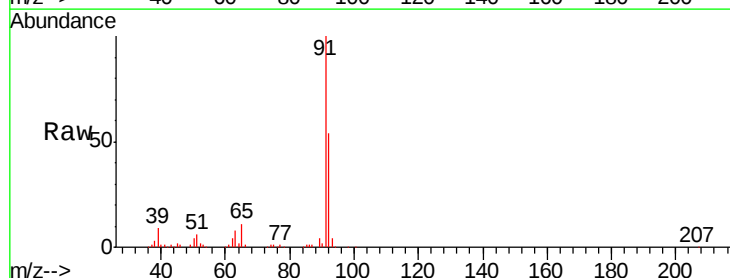
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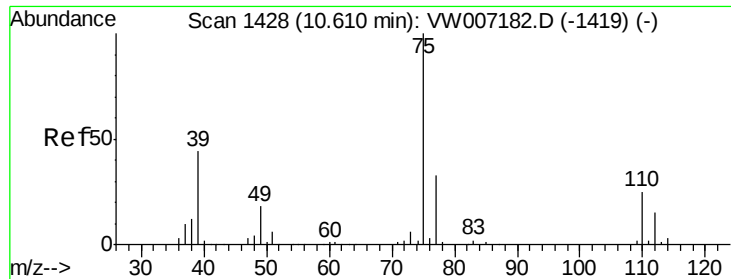
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#52
 Toluene
 Concen: 20.218 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.2	136.0	204.0





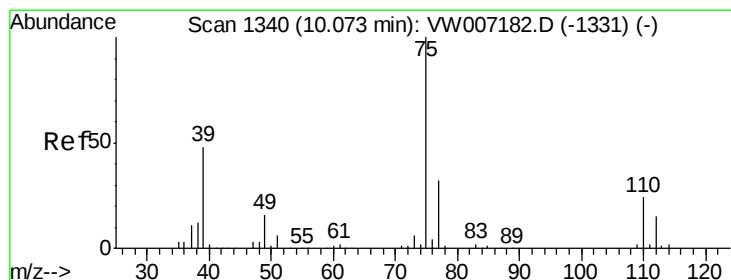
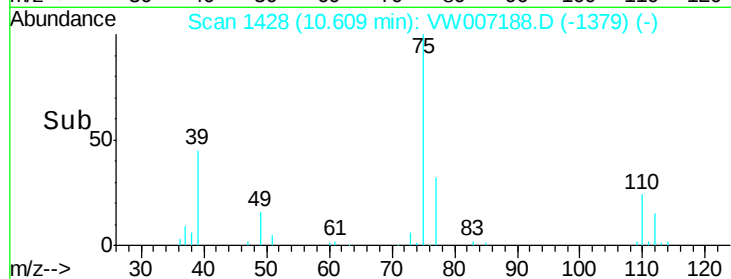
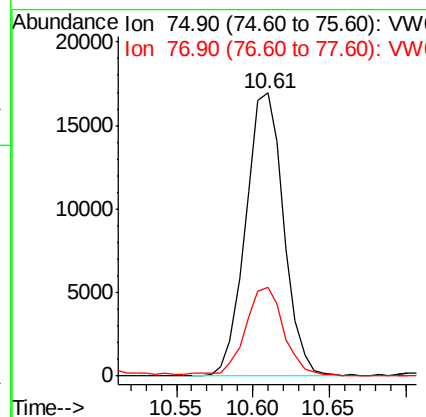
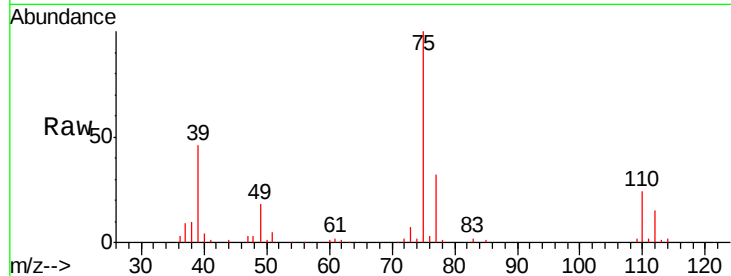
#53
t-1,3-Dichloropropene
Concen: 20.806 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion: 75 Resp: 29224
Ion Ratio Lower Upper
75 100
77 31.2 26.2 39.2

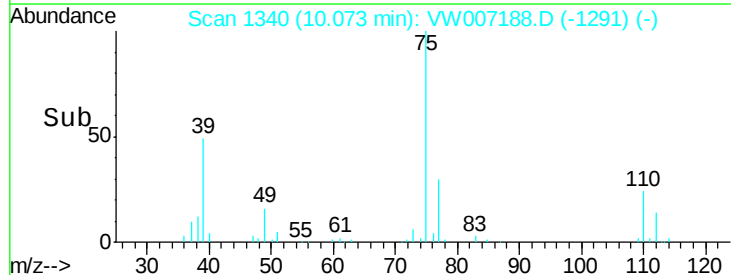
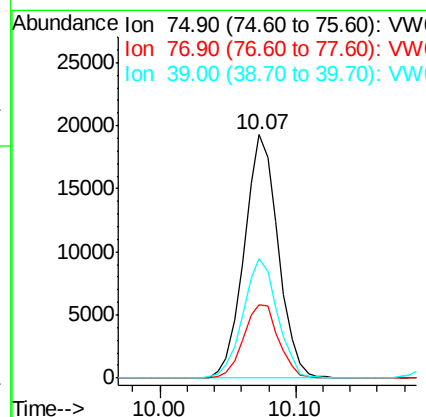
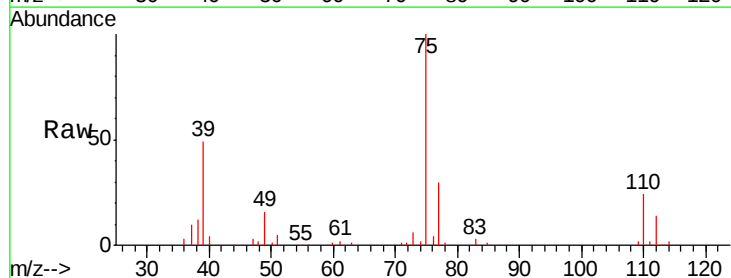
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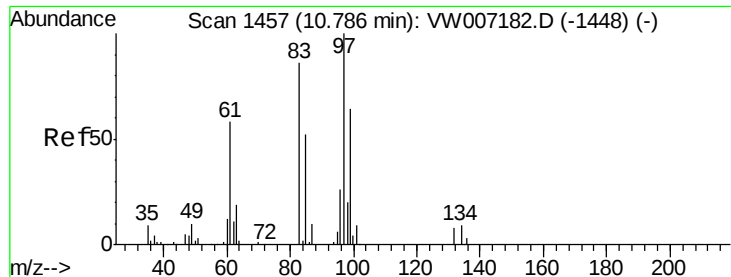
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#54
cis-1,3-Dichloropropene
Concen: 20.365 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion: 75 Resp: 33523
Ion Ratio Lower Upper
75 100
77 30.4 26.0 39.0
39 49.1 38.0 57.0





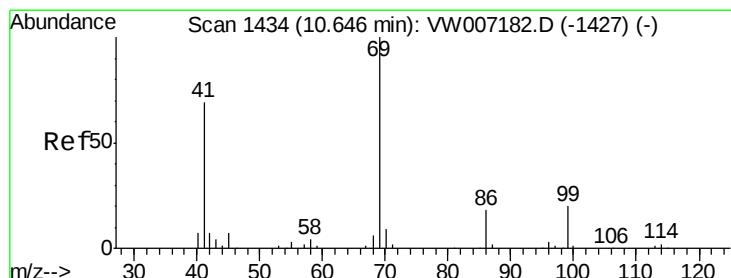
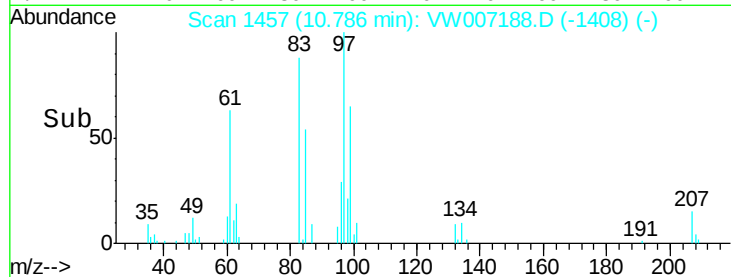
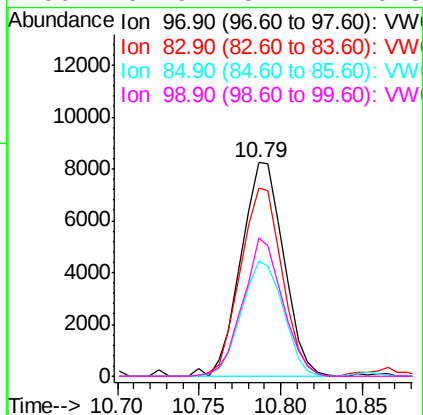
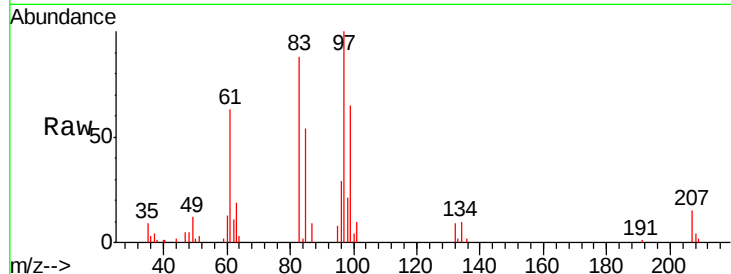
#55
 1,1,2-Trichloroethane
 Concen: 19.970 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.6	102.8
85	53.7	41.4	62.2
99	64.9	51.2	76.8

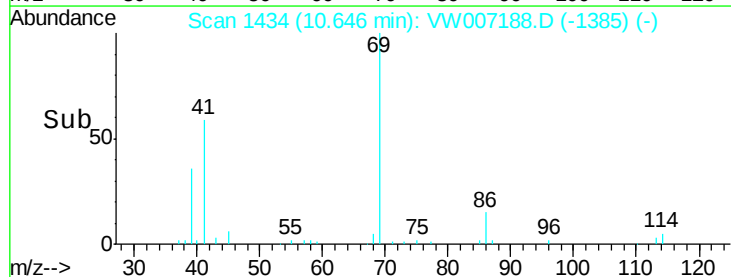
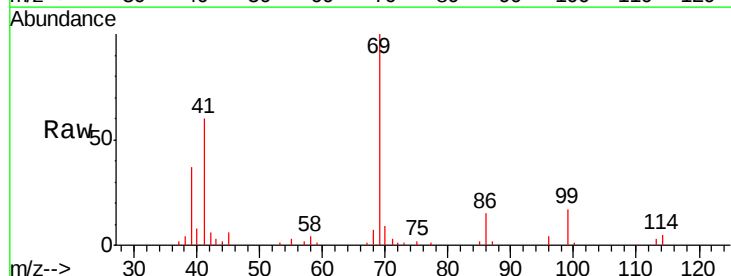
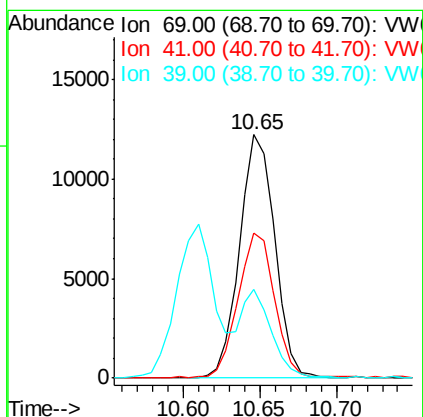
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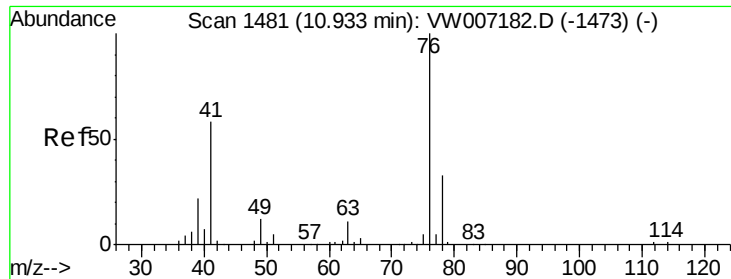
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#56
 Ethyl methacrylate
 Concen: 19.877 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.7	51.8	77.6
39	34.2	28.7	43.1





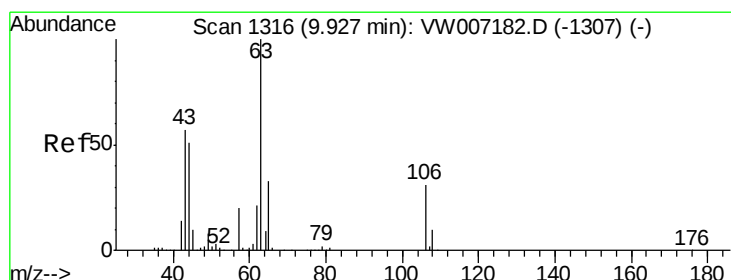
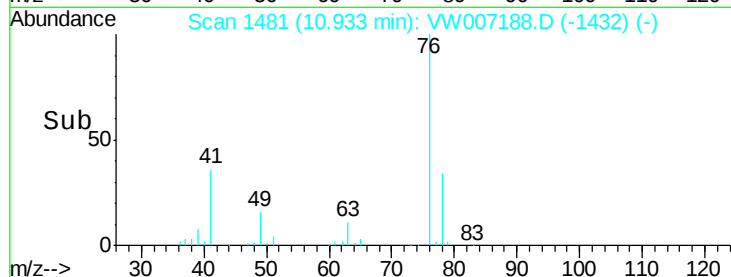
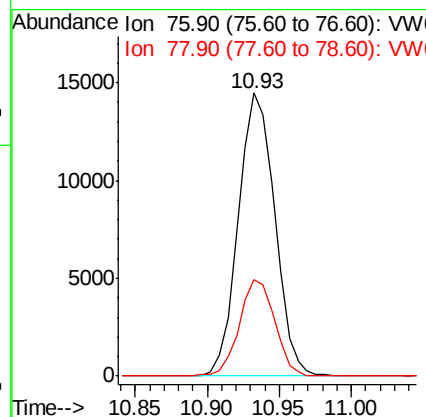
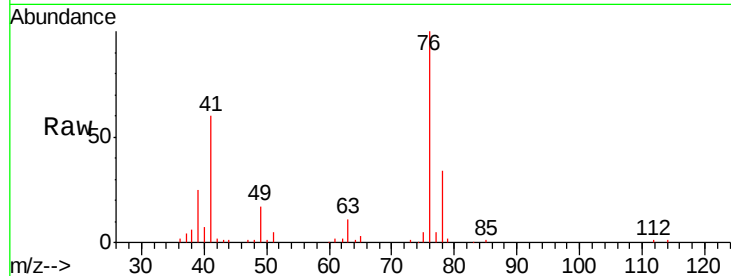
#57
 1,3-Dichloropropane
 Concen: 19.970 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion: 76 Resp: 25471
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.6 40.0

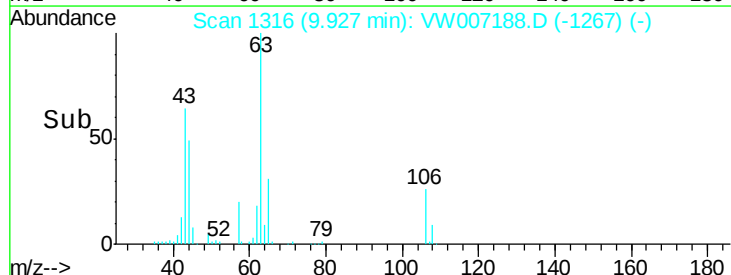
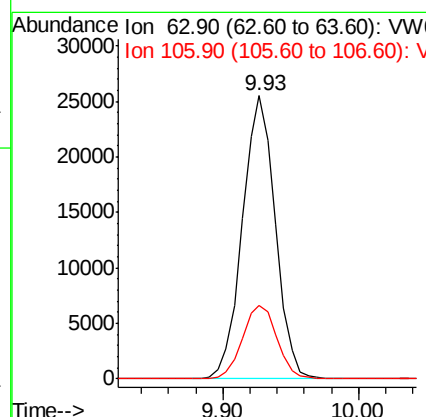
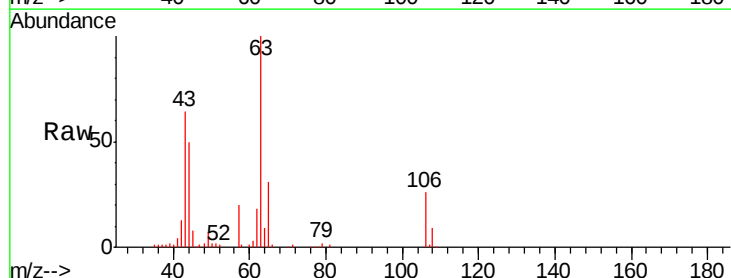
Manual Integrations
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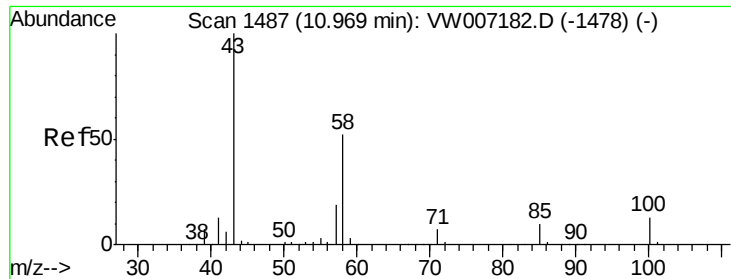
apatel
 12/5/2018 12:43:55 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.833 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion: 63 Resp: 43079
 Ion Ratio Lower Upper
 63 100
 106 27.4 24.1 36.1





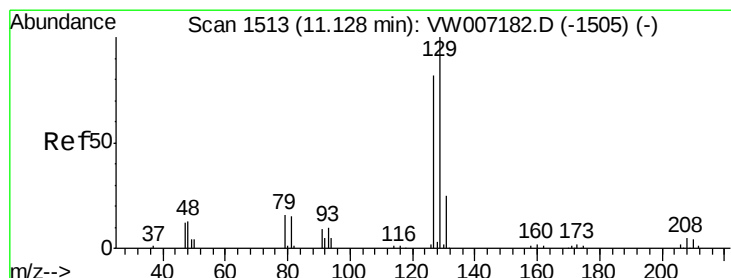
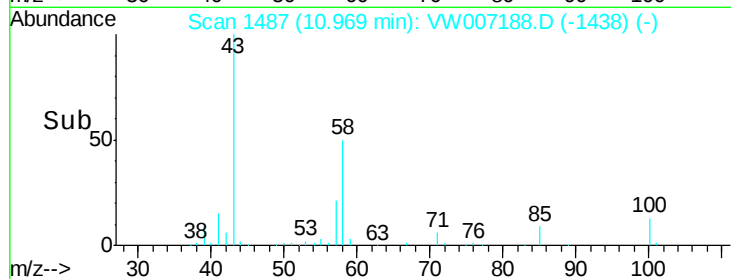
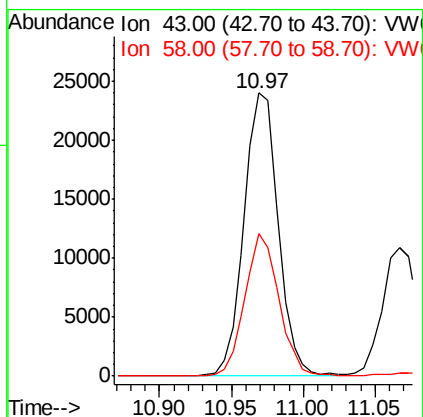
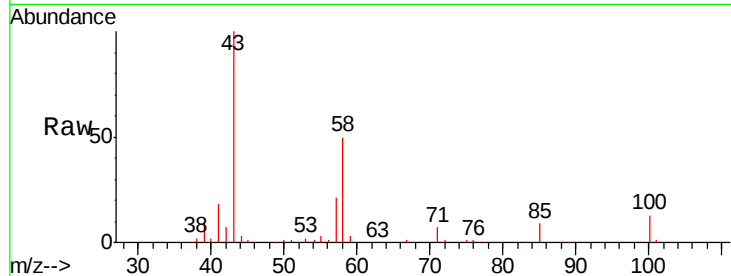
#59
2-Hexanone
Concen: 98.265 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampled :
VW1204SBS01

Tgt Ion: 43 Resp: 39503
Ion Ratio Lower Upper
43 100
58 50.0 28.1 84.4

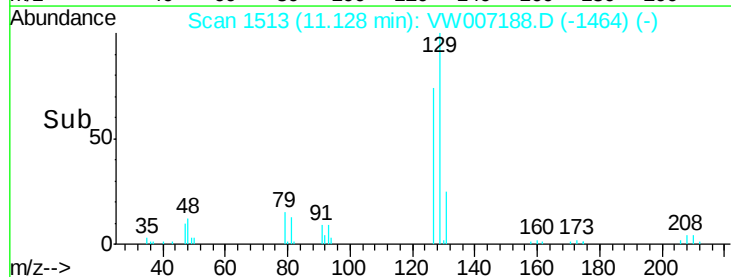
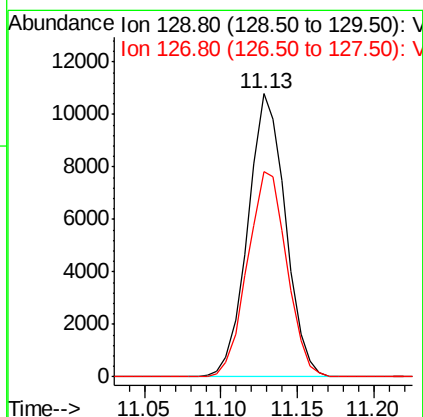
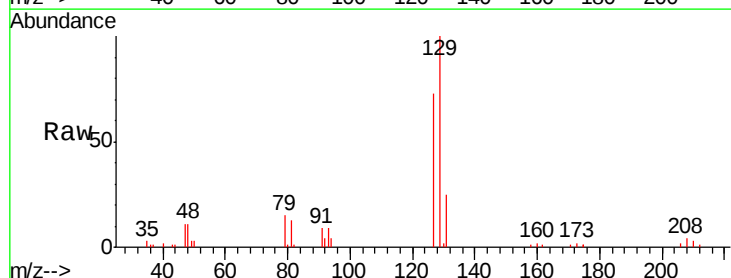
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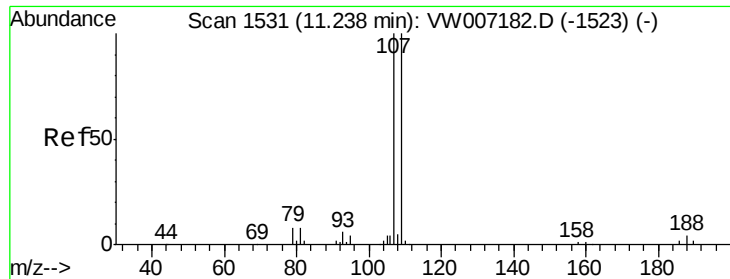
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#60
Dibromochloromethane
Concen: 19.880 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion: 129 Resp: 18459
Ion Ratio Lower Upper
129 100
127 75.8 39.8 119.4





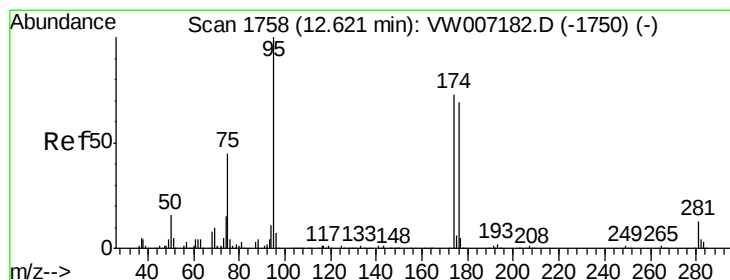
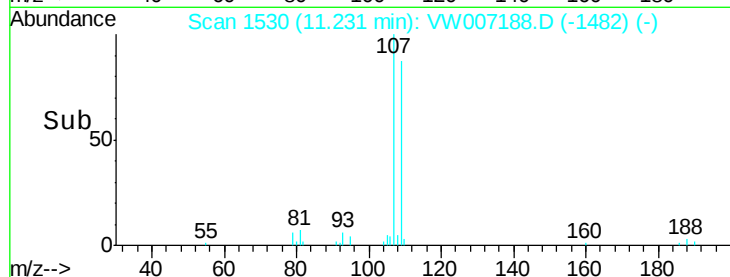
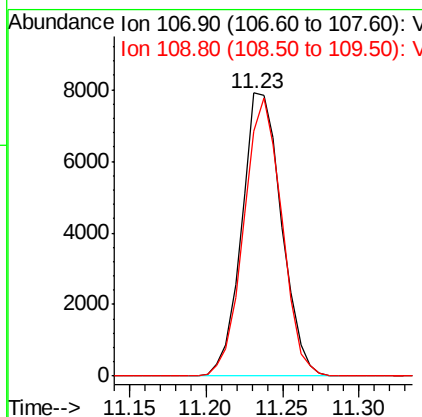
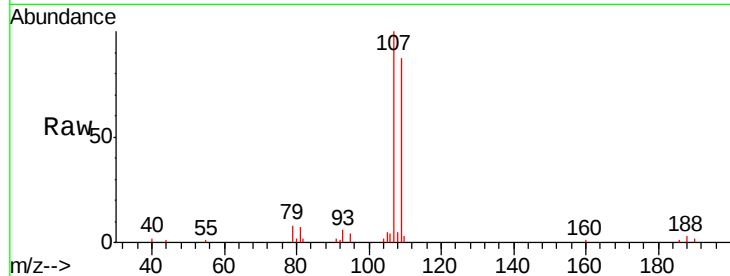
#61
 1,2-Dibromoethane
 Concen: 19.764 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	14321		
109	93.5	77.3	115.9	

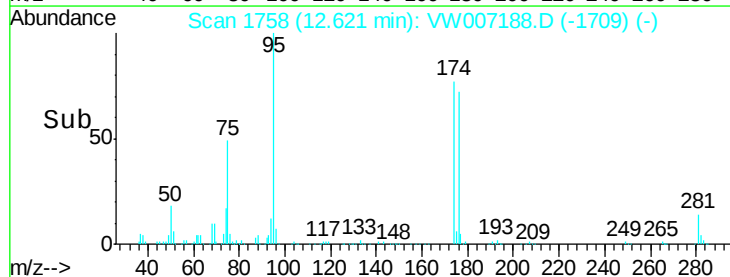
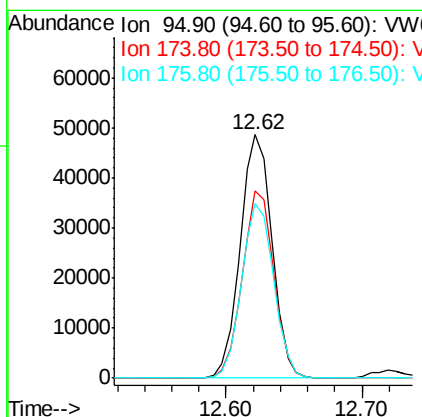
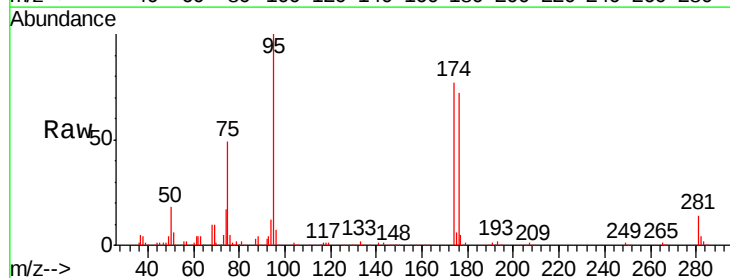
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#62
 4-Bromofluorobenzene
 Concen: 50.766 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	79561		
174	76.5	0.0	148.0	
176	72.6	0.0	139.4	





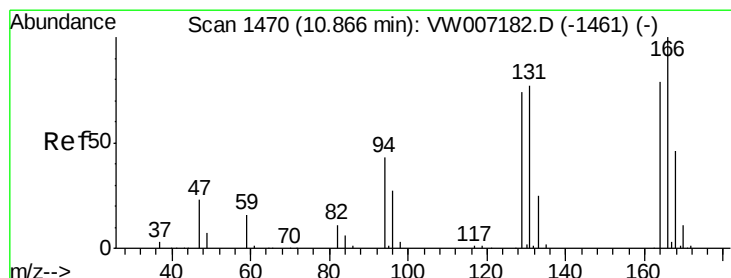
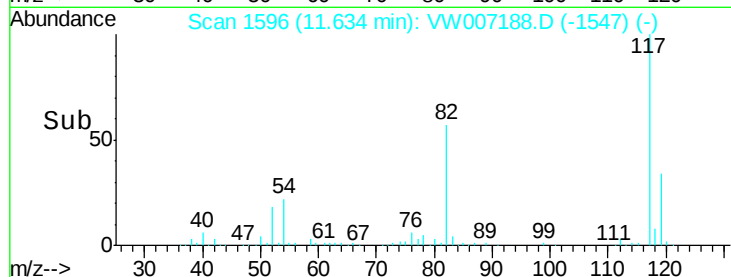
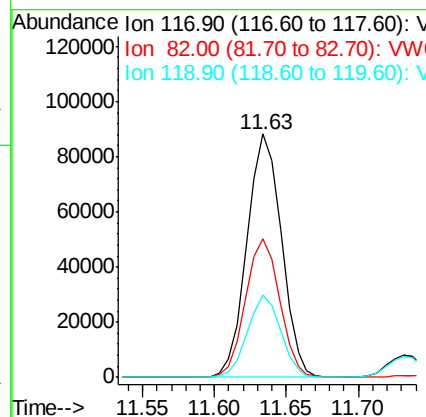
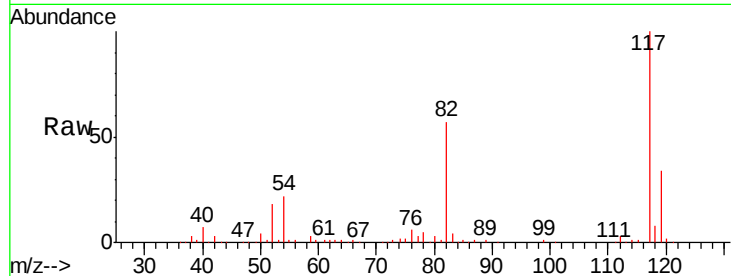
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	146825		
82	57.1	47.4	71.2	
119	33.7	26.8	40.2	

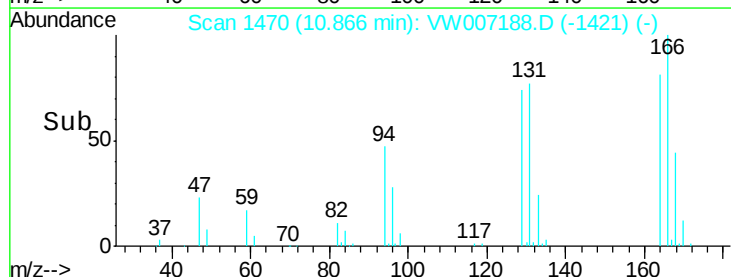
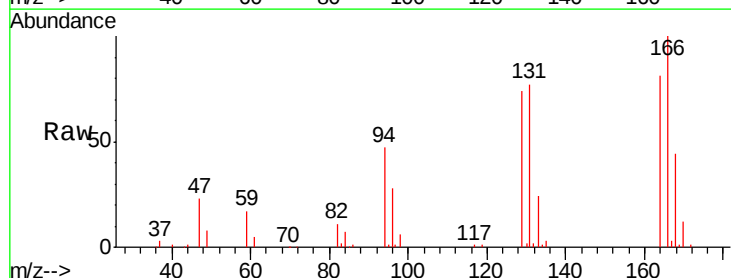
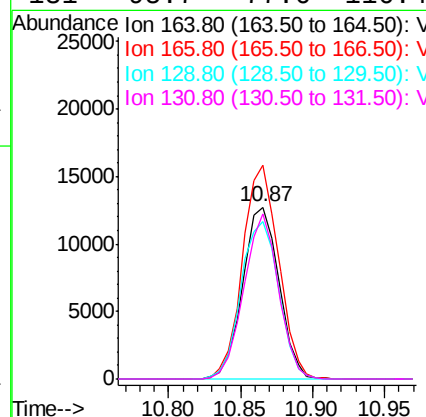
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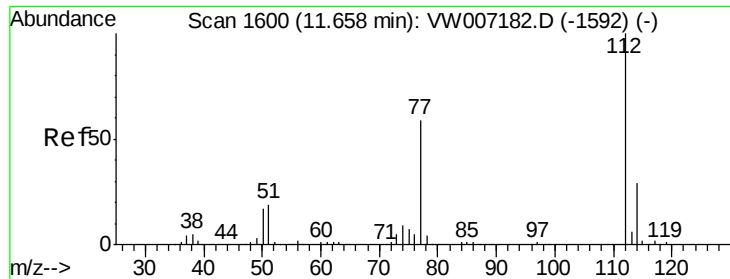
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#64
Tetrachloroethene
Concen: 20.684 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	22188		
166	124.1	101.0	151.4	
129	91.5	74.6	111.8	
131	95.7	77.6	116.4	





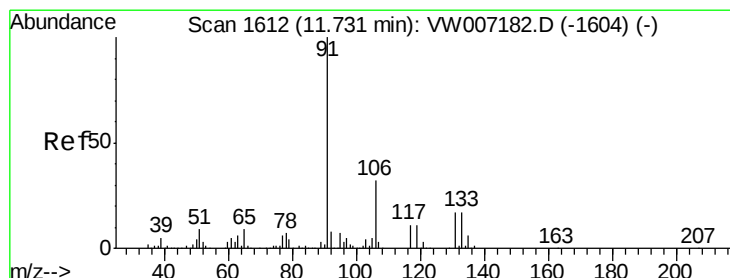
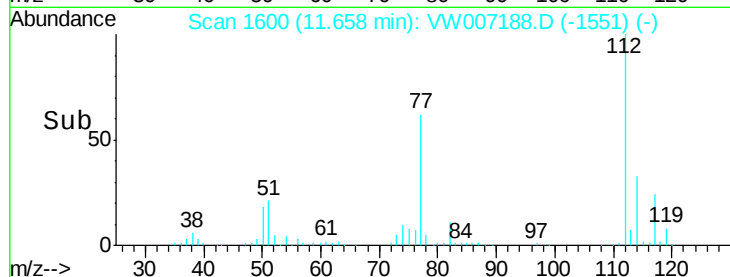
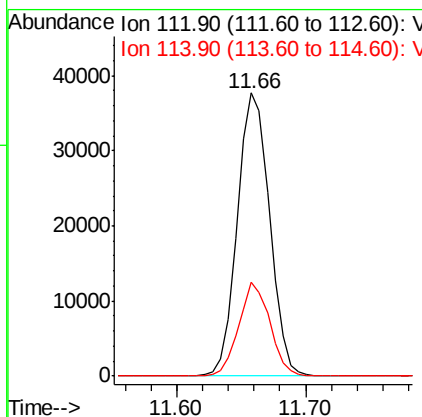
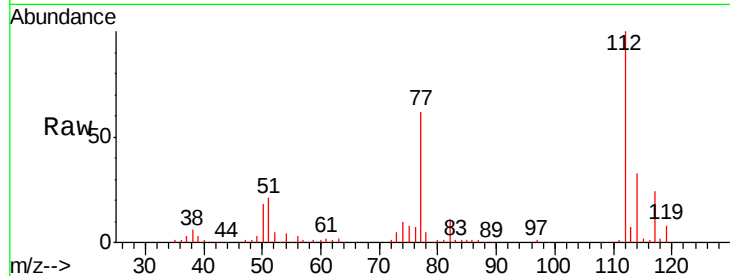
#65
Chlorobenzene
Concen: 19.890 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion:112 Resp: 65223
Ion Ratio Lower Upper
112 100
114 33.1 23.0 34.4

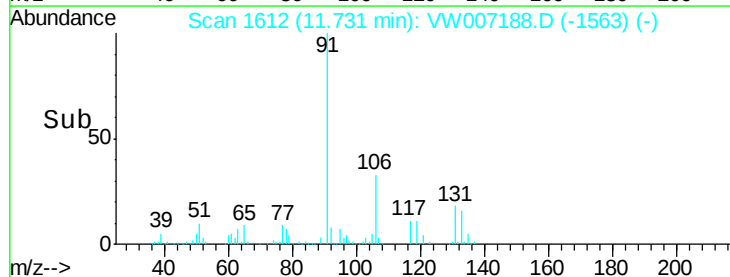
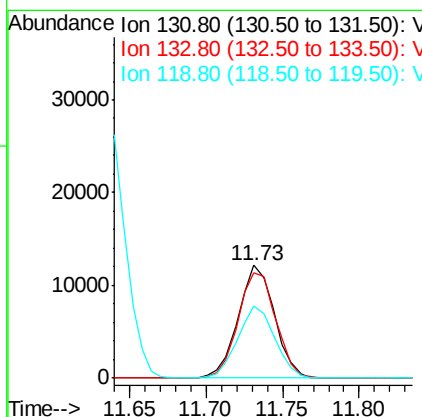
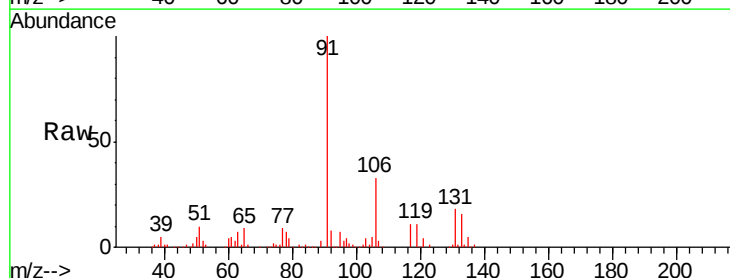
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.835 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion:131 Resp: 20087
Ion Ratio Lower Upper
131 100
133 96.6 48.0 144.2
119 65.1 32.8 98.4





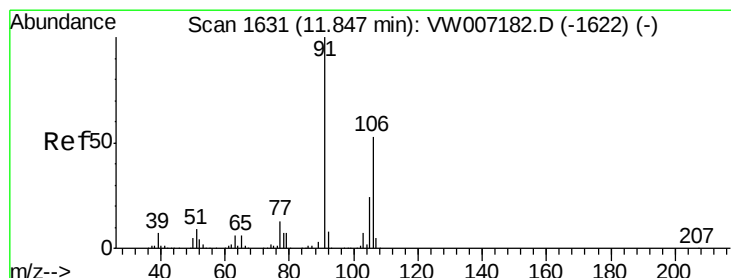
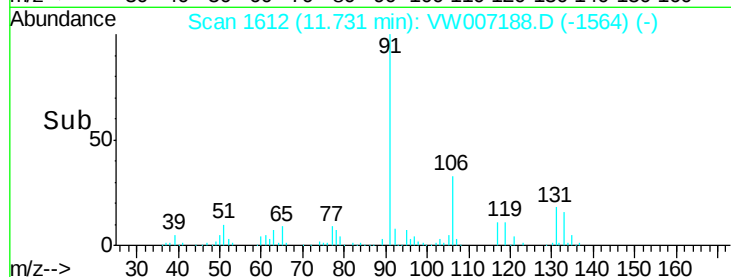
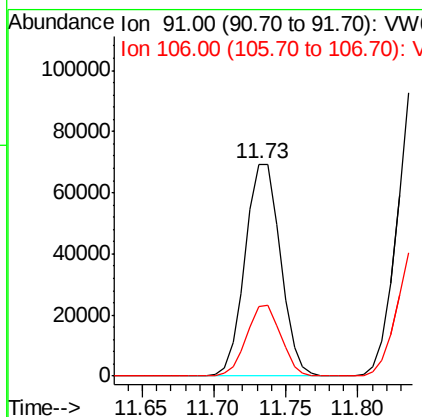
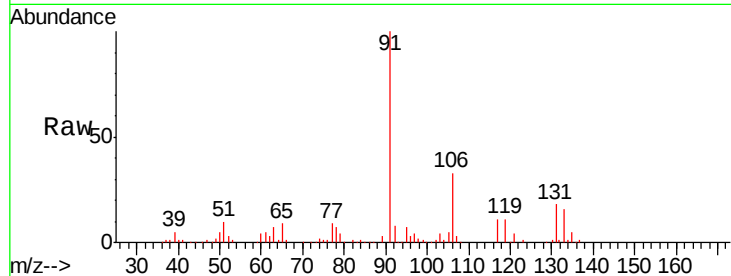
#67
Ethyl Benzene
Concen: 19.760 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion: 91 Resp: 118099
Ion Ratio Lower Upper
91 100
106 32.6 26.0 39.0

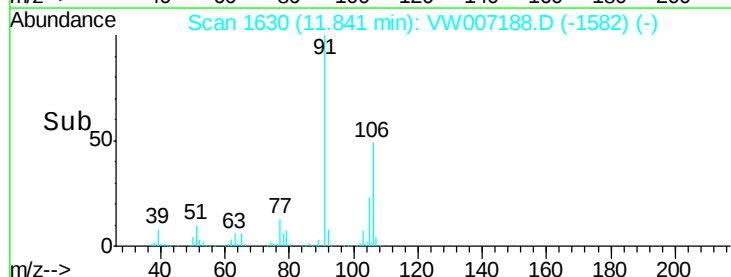
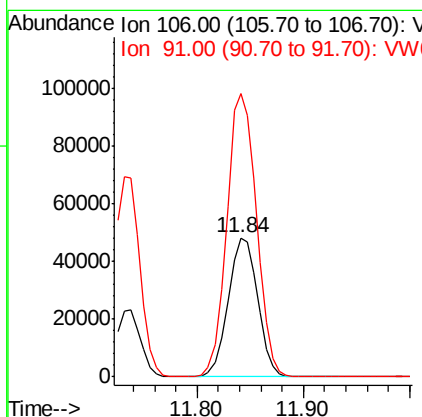
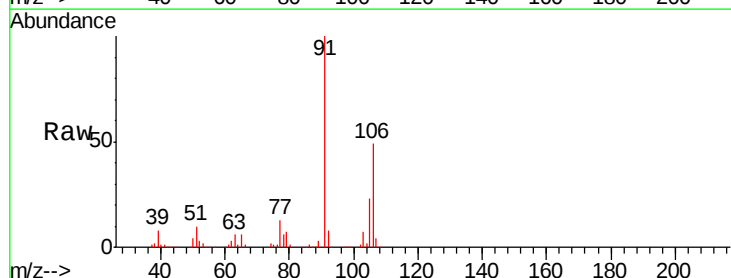
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#68
m/p-Xylenes
Concen: 39.924 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion: 106 Resp: 93606
Ion Ratio Lower Upper
106 100
91 205.1 160.2 240.4





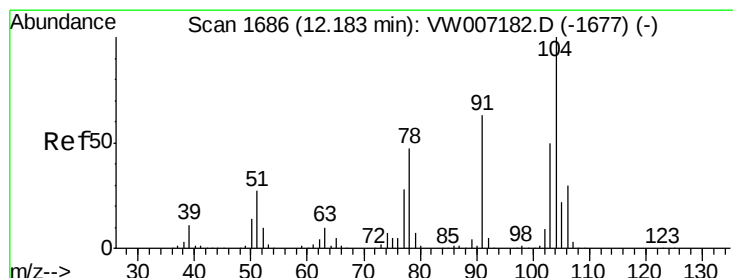
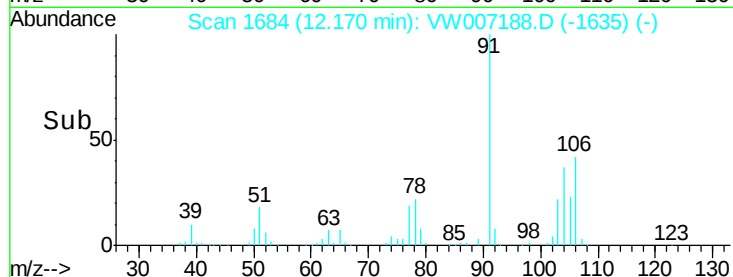
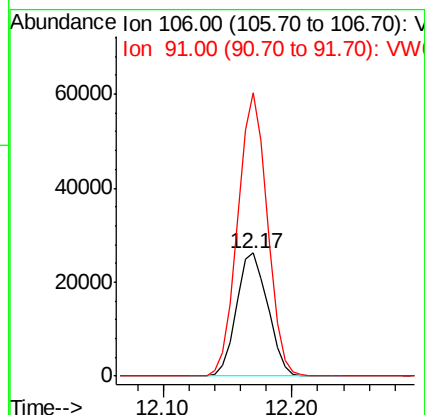
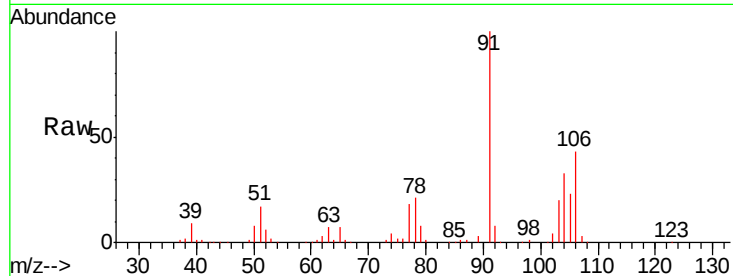
#69
o-Xylene
Concen: 20.138 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion:106 Resp: 44115
Ion Ratio Lower Upper
106 100
91 217.5 104.9 314.7

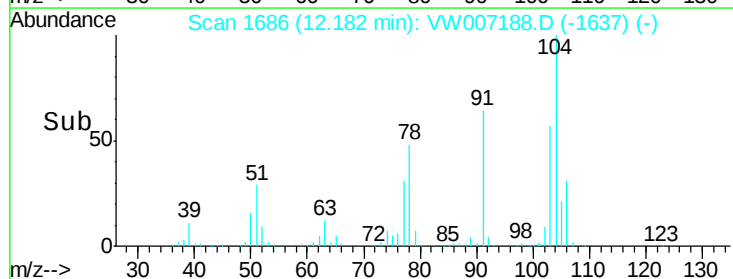
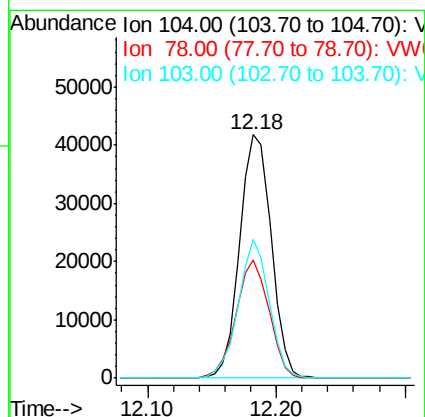
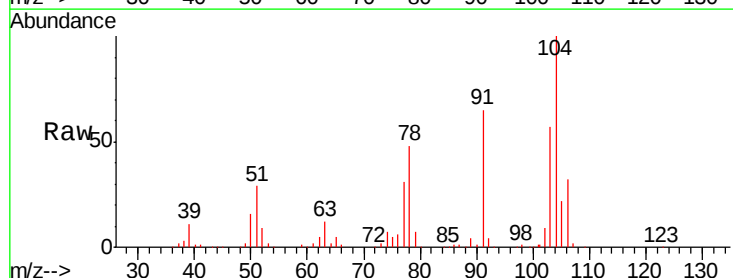
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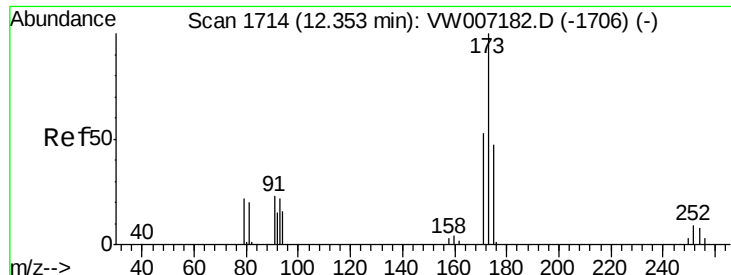
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#70
Styrene
Concen: 19.780 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion:104 Resp: 70929
Ion Ratio Lower Upper
104 100
78 51.0 40.6 60.8
103 56.0 43.0 64.4





#71

Bromoform

Concen: 19.499 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

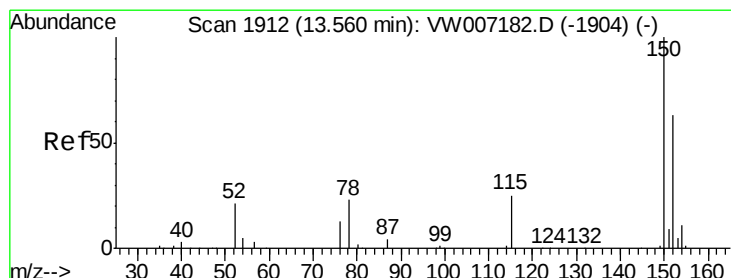
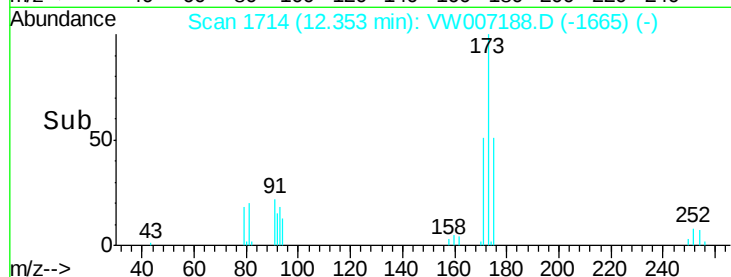
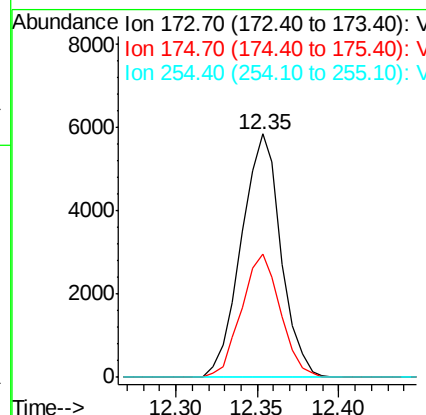
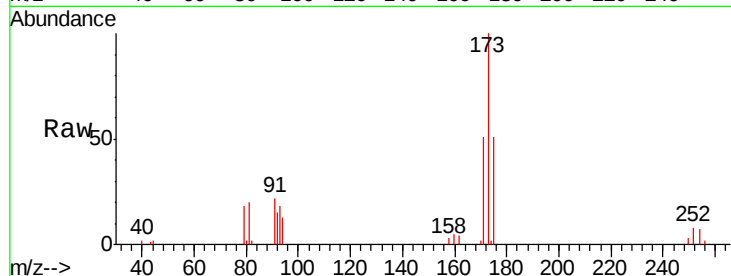
ClientSampleId :

VW1204SBS01

Tgt Ion:	173	Resp:	9885
Ion Ratio	Lower	Upper	
173	100		
175	49.8	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

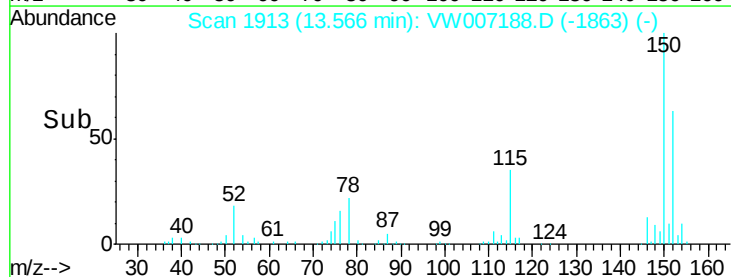
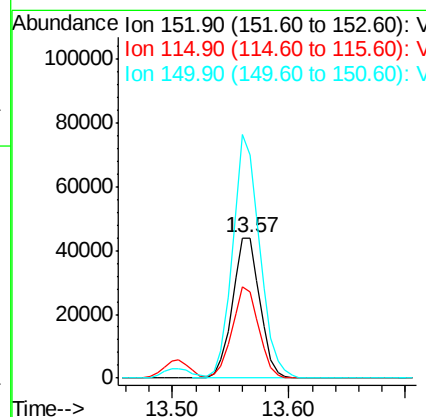
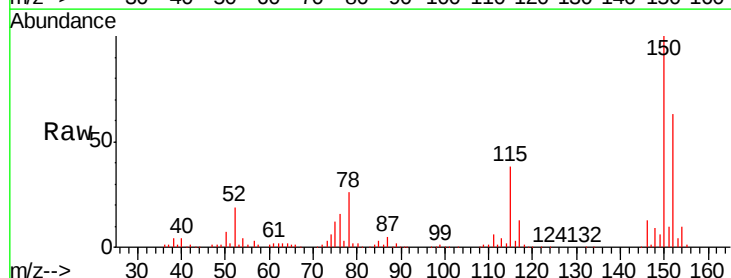
RT: 13.57 min Scan# 1913

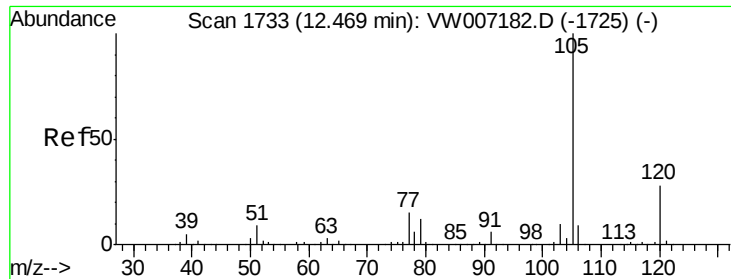
Delta R.T. 0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Tgt Ion:	152	Resp:	72053
Ion Ratio	Lower	Upper	
152	100		
115	62.8	31.3	93.8
150	171.2	0.0	358.0





#73

Isopropylbenzene

Concen: 21.245 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

Tgt Ion: 105 Resp: 124500

Ion Ratio Lower Upper

105 100

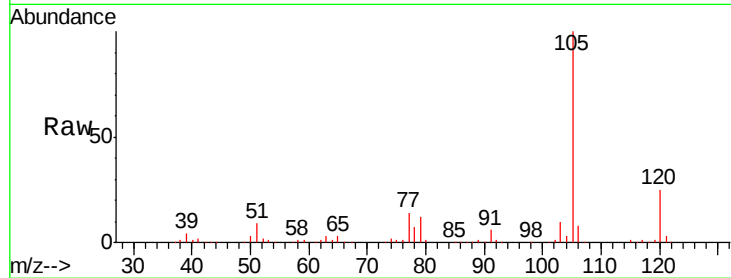
120 26.0 13.2 39.6

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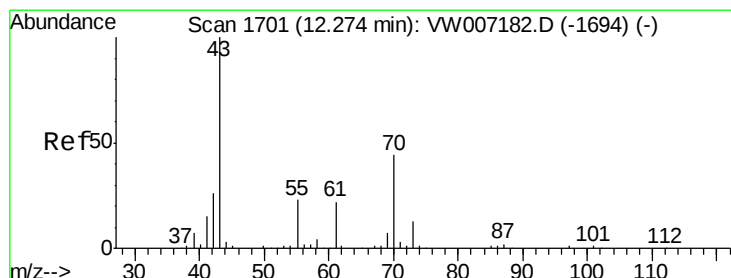
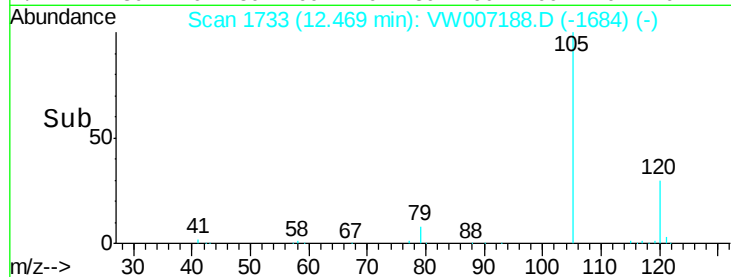
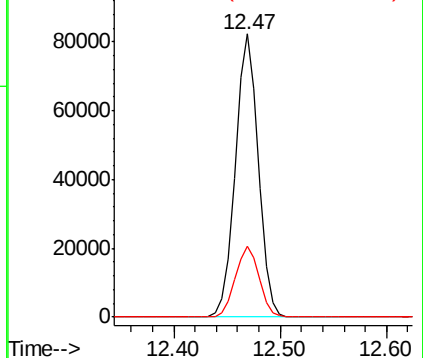
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.869 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Tgt Ion: 43 Resp: 19605

Ion Ratio Lower Upper

43 100

70 45.1 34.0 51.0

55 25.5 19.0 28.6

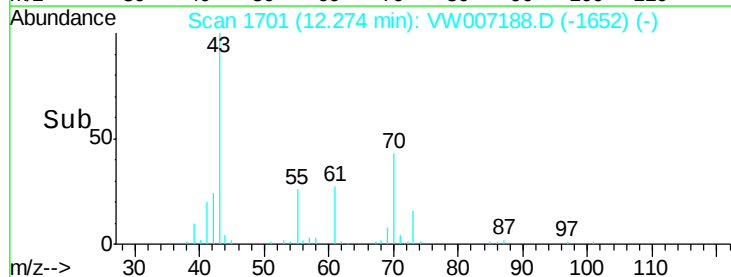
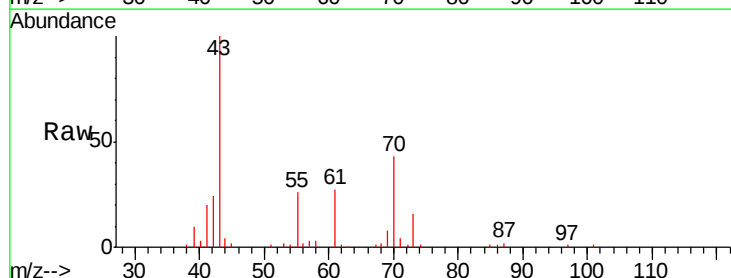
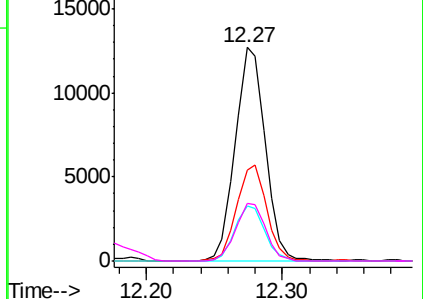
61 26.6 19.7 29.5

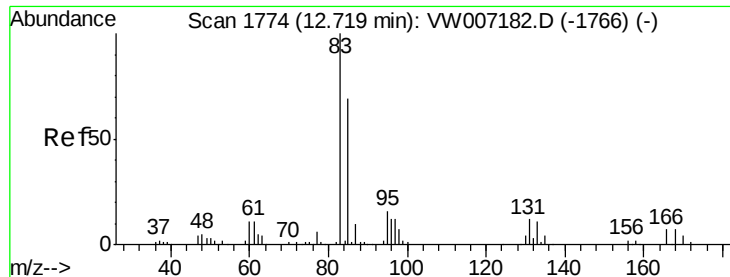
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.682 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

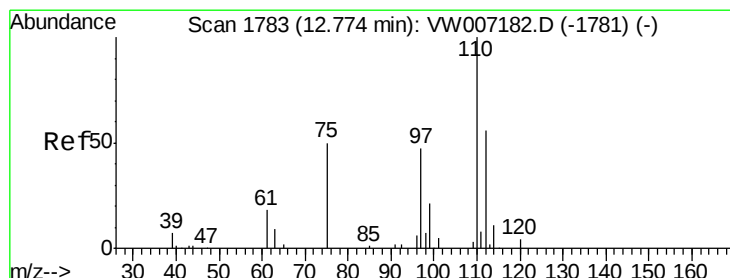
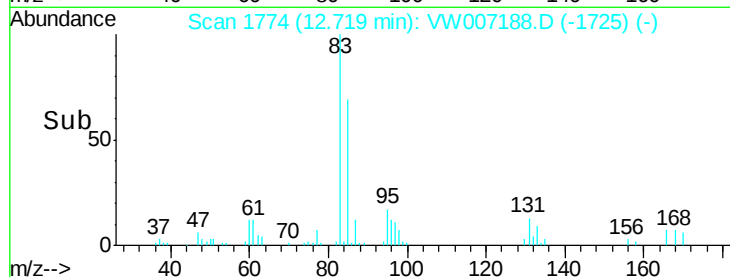
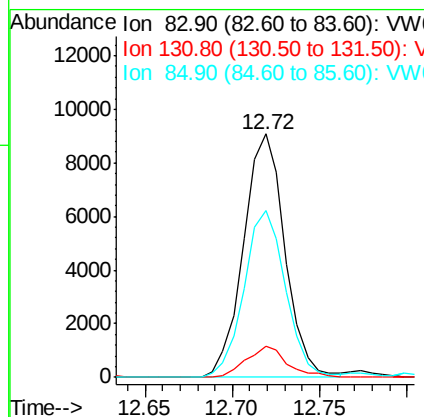
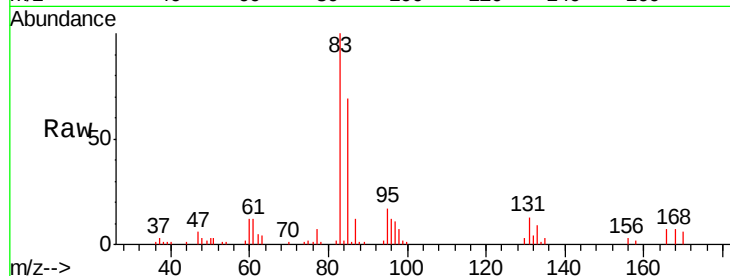
ClientSampleId :

VW1204SBS01

Tgt Ion:	83	Resp:	14980
Ion	Ratio	Lower	Upper
83	100		
131	12.7	6.0	18.1
85	69.1	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 11.834 ug/l m

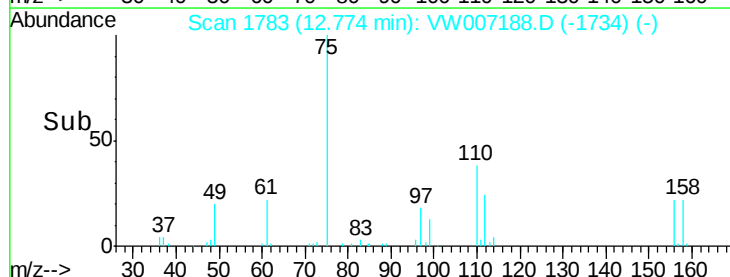
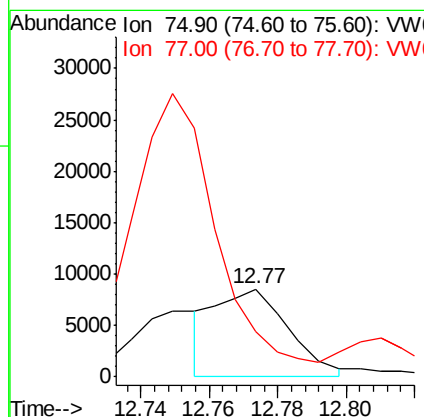
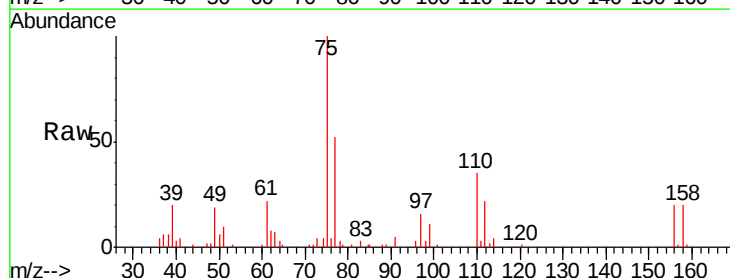
RT: 12.77 min Scan# 1783

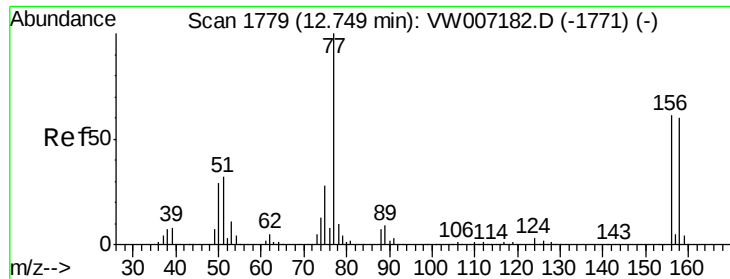
Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Tgt Ion:	75	Resp:	12814
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.573 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

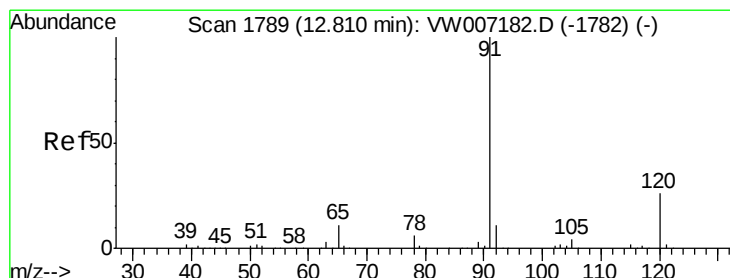
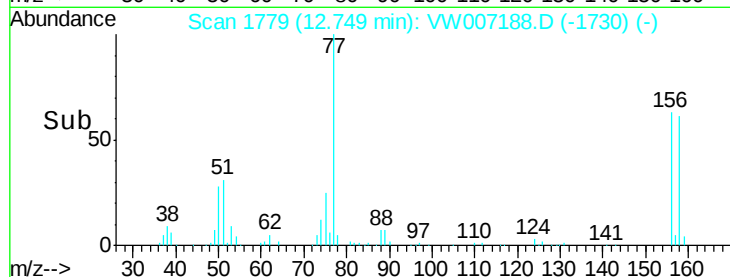
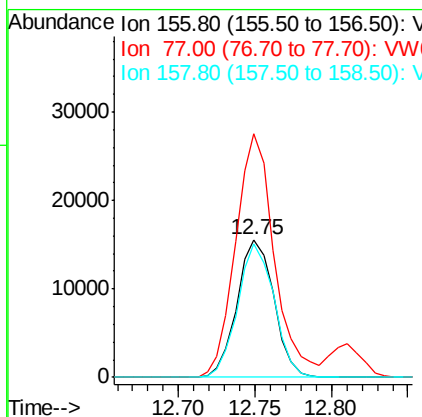
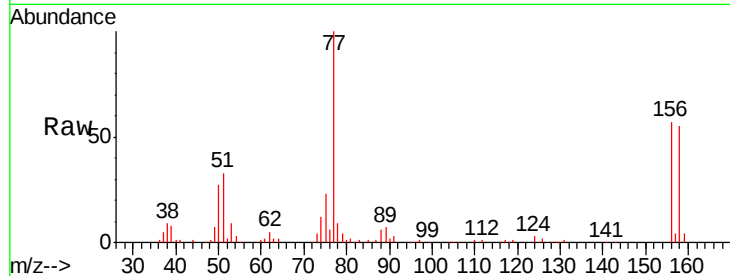
ClientSampleId :

VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	186.2	92.0	276.1
158	95.7	49.0	147.0

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#78

n-propylbenzene

Concen: 21.395 ug/l

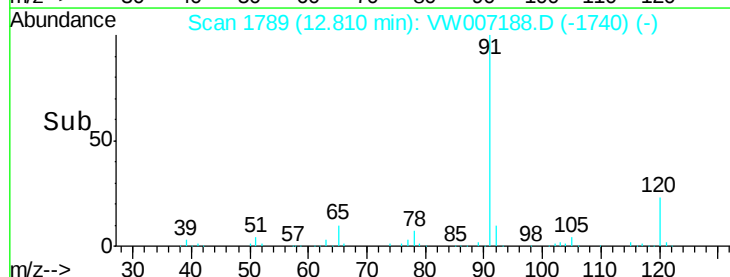
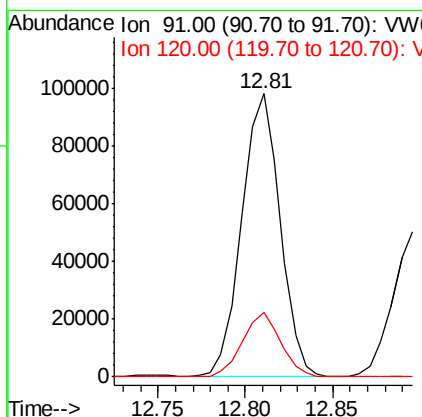
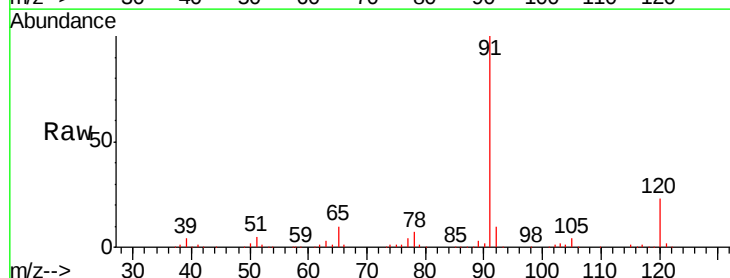
RT: 12.81 min Scan# 1789

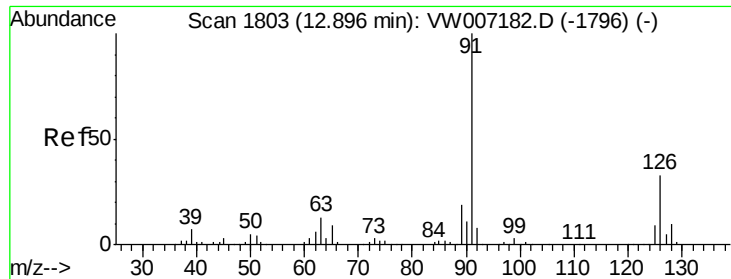
Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	12.5	37.5





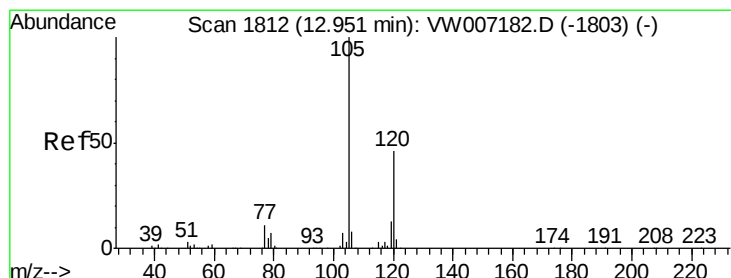
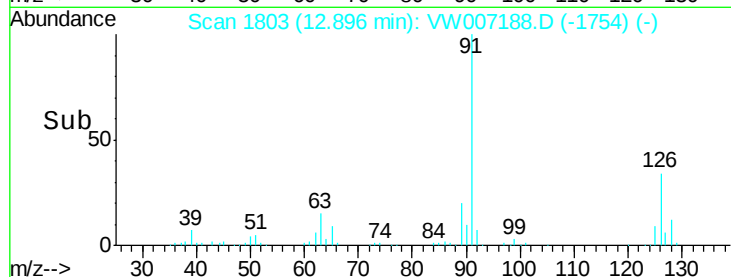
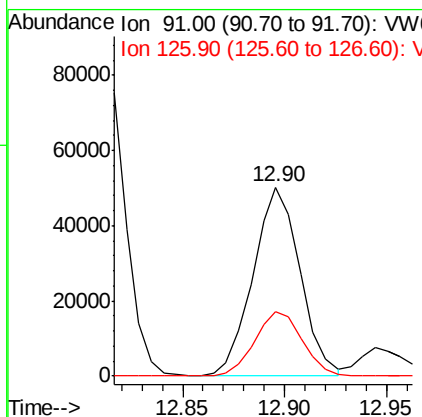
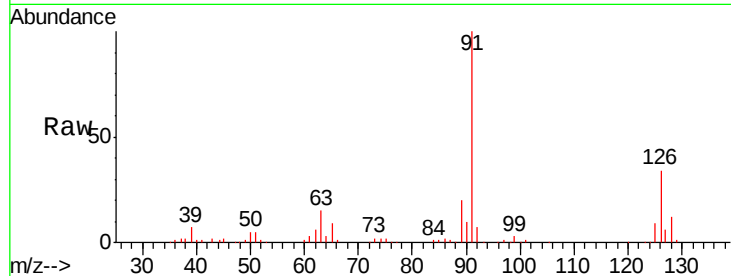
#79
 2-Chlorotoluene
 Concen: 20.365 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion: 91 Resp: 80291
 Ion Ratio Lower Upper
 91 100
 126 34.8 16.7 50.1

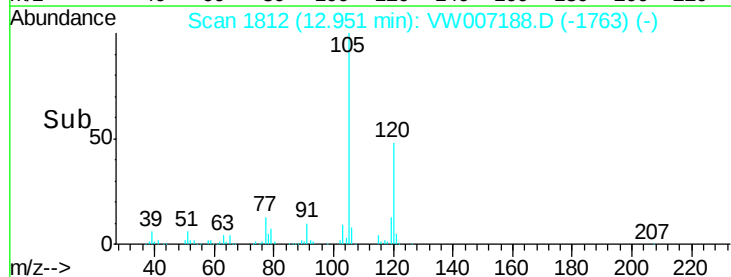
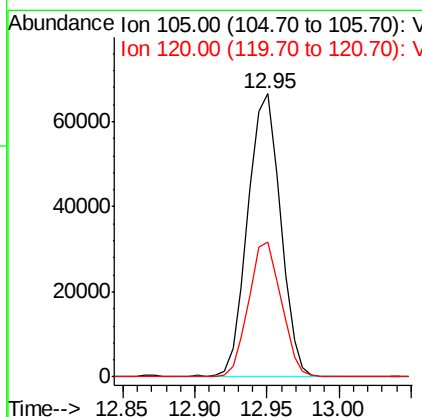
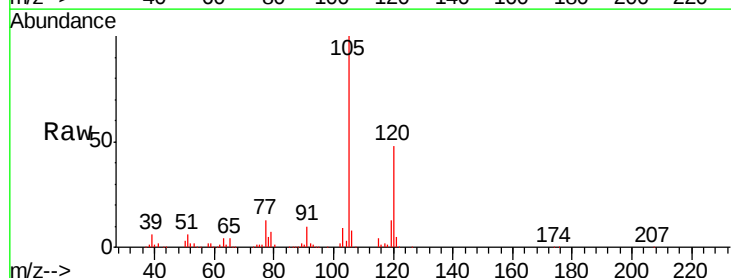
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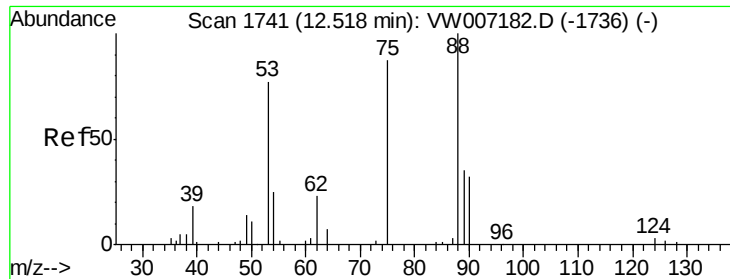
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.745 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion: 105 Resp: 104003
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.8 71.5





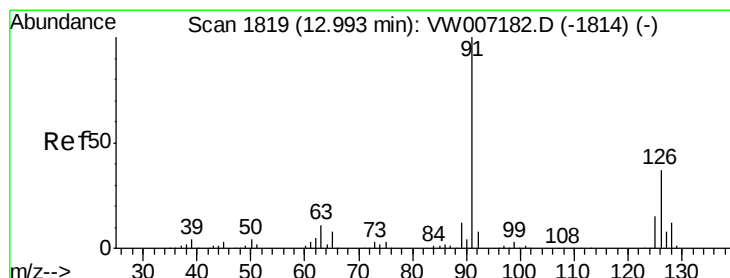
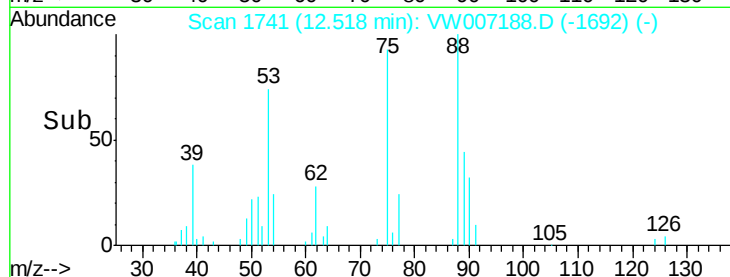
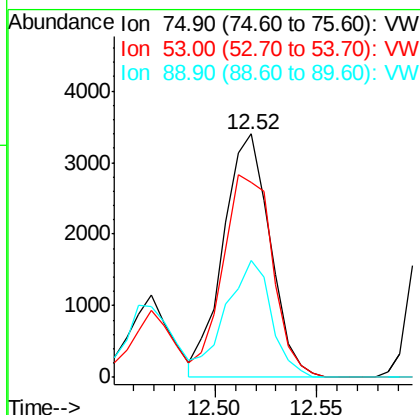
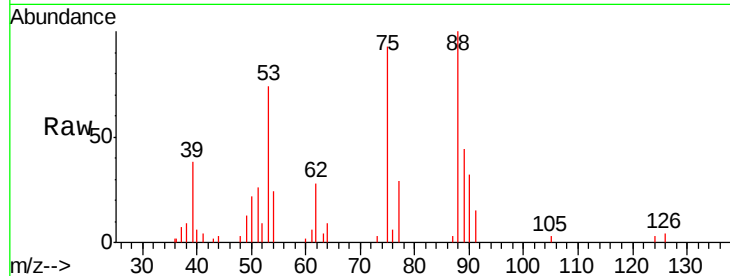
#81
trans-1,4-Dichloro-2-butene
Concen: 20.896 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	88.7	72.8	109.2
89	47.0	36.4	54.6

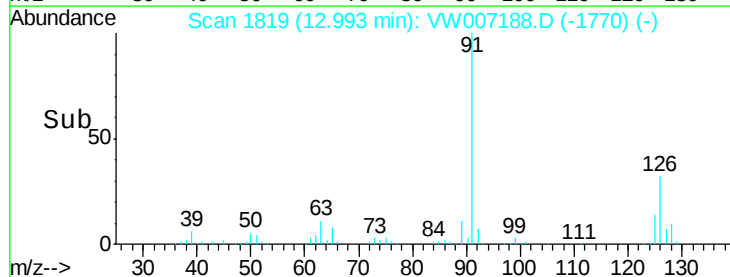
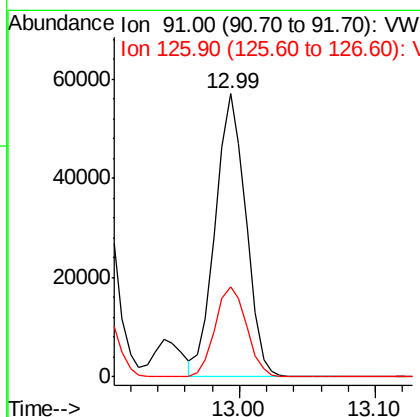
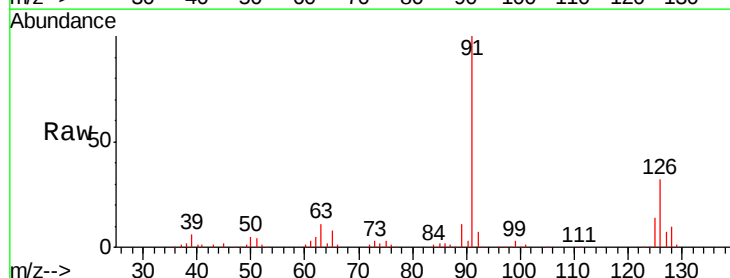
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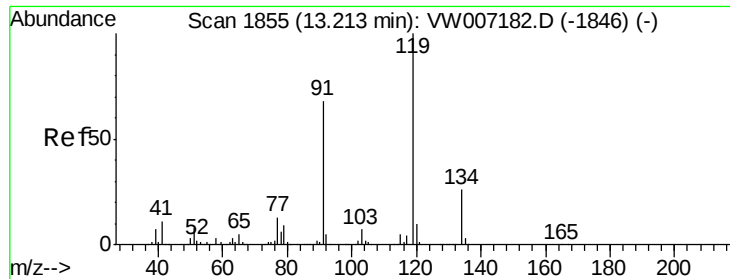
apatel
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#82
4-Chlorotoluene
Concen: 21.105 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	17.4	52.3





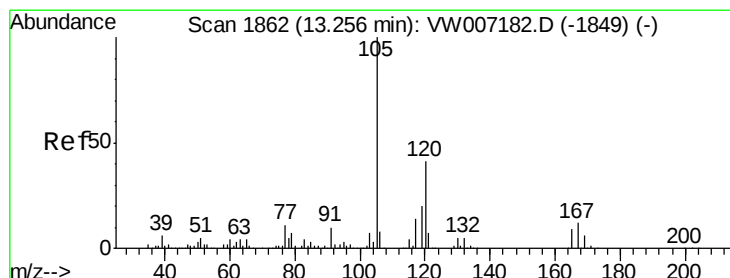
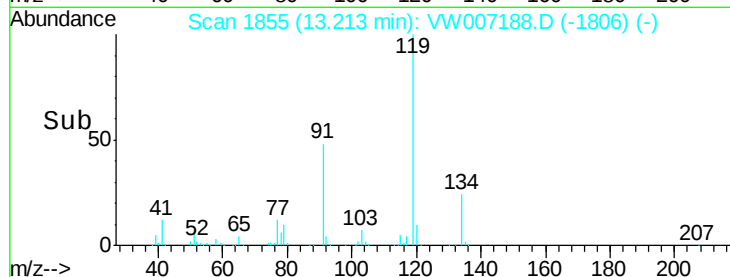
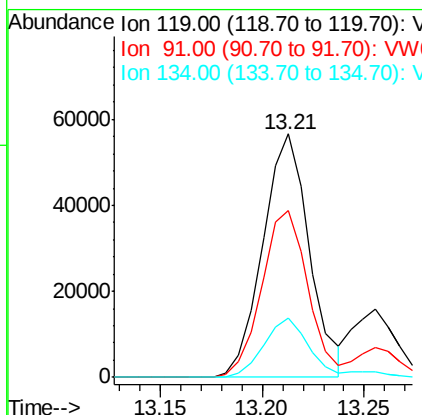
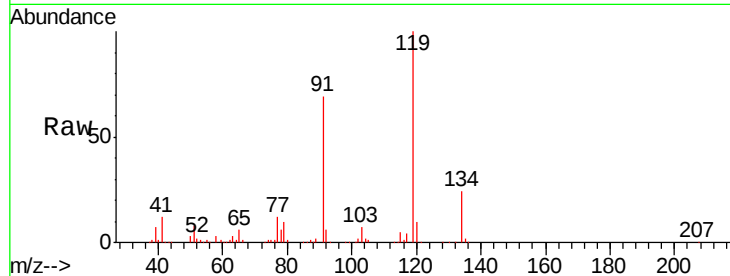
#83
 tert-Butylbenzene
 Concen: 20.556 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	90058		
91	68.0	34.0	101.8	
134	25.3	13.2	39.5	

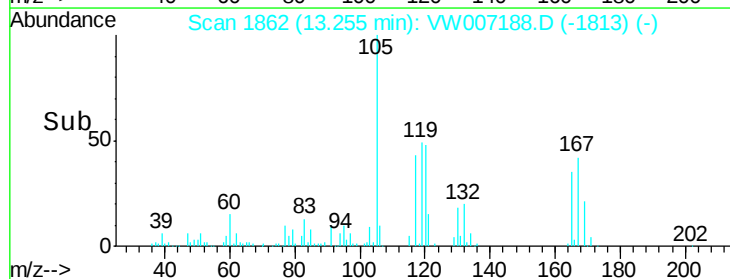
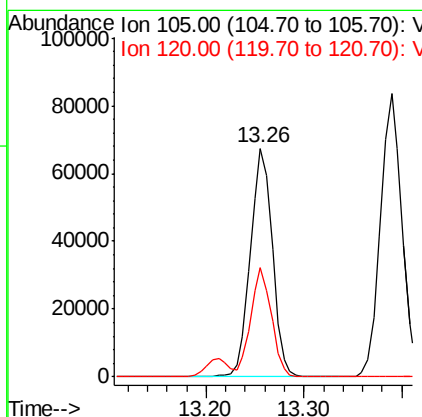
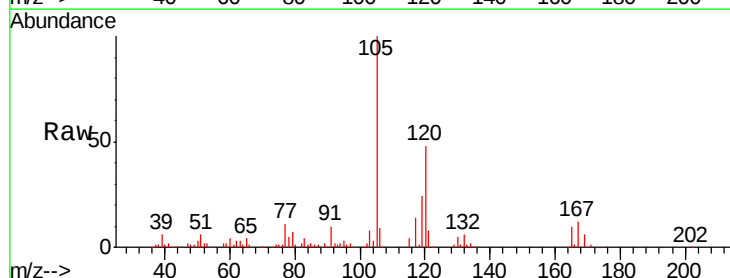
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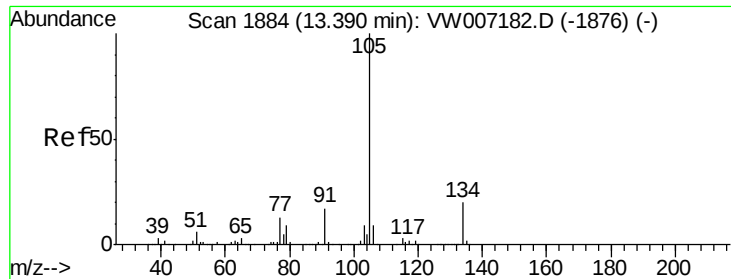
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.648 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	105669		
120	44.5	21.1	63.3	





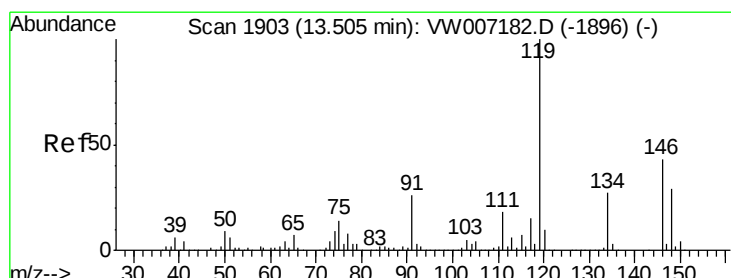
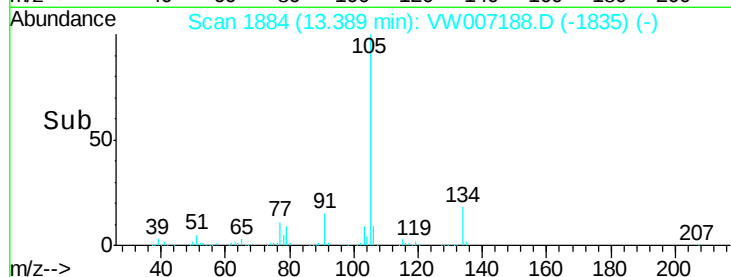
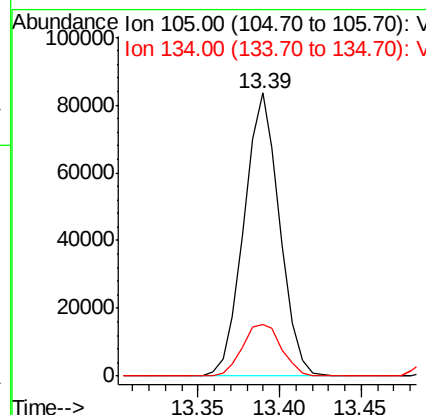
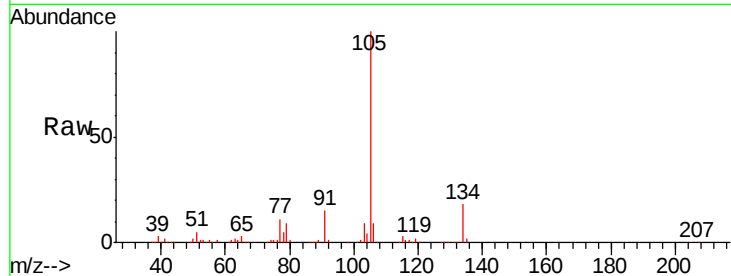
#85
 sec-Butylbenzene
 Concen: 20.308 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.3	30.8

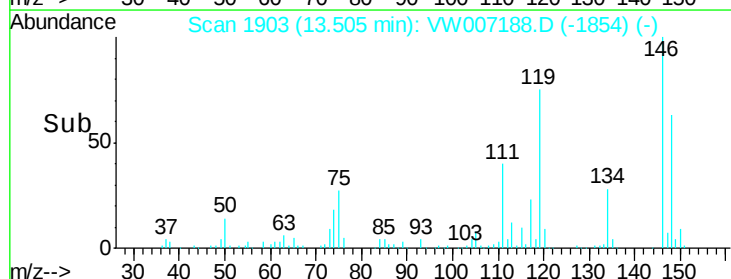
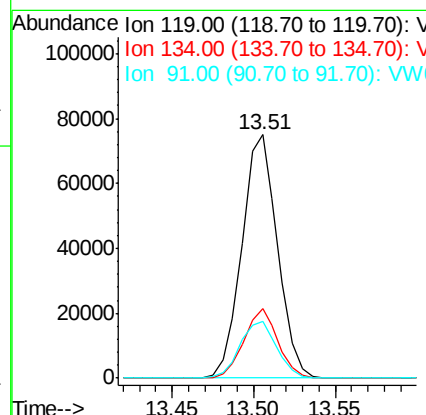
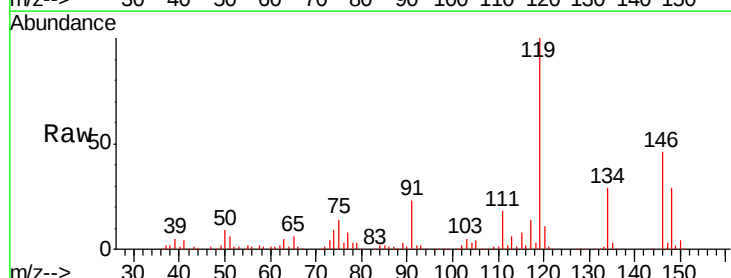
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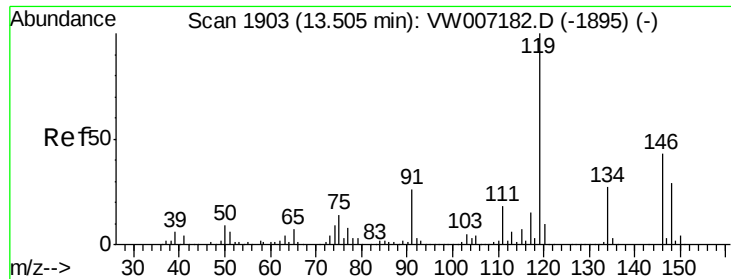
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#86
 p-Isopropyltoluene
 Concen: 20.446 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.2	39.6
91	24.1	12.4	37.2





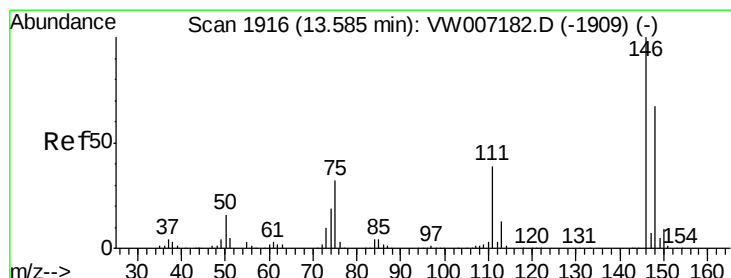
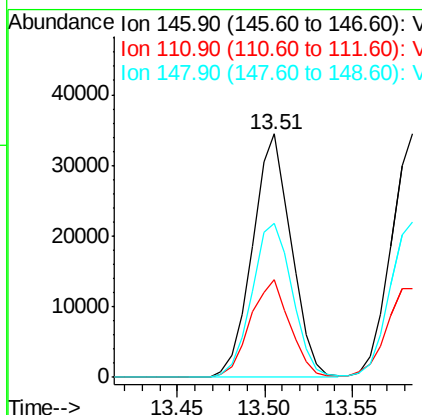
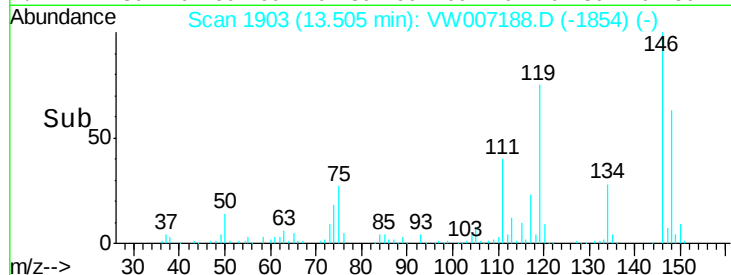
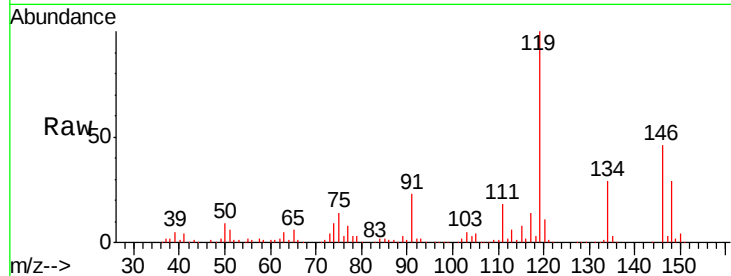
#87
 1,3-Dichlorobenzene
 Concen: 20.418 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.1	63.4
148	65.9	32.8	98.4

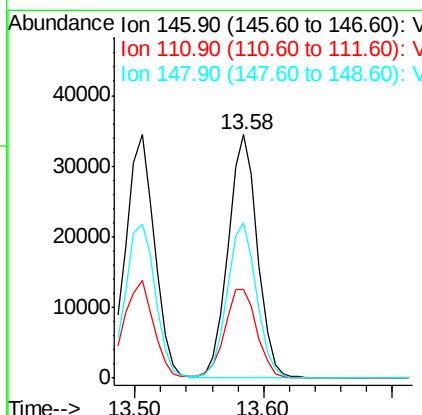
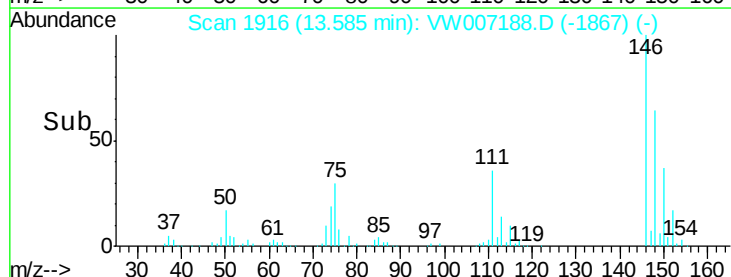
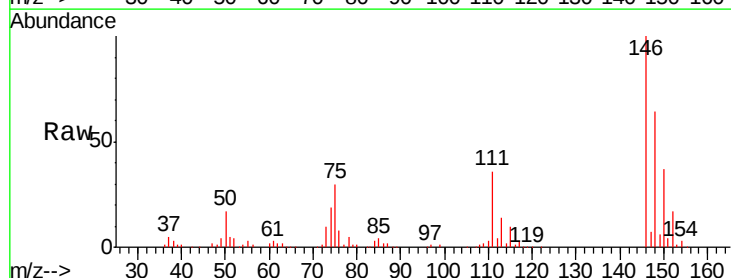
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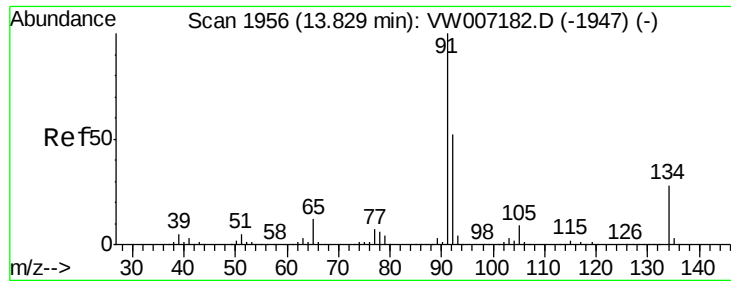
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#88
 1,4-Dichlorobenzene
 Concen: 20.854 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.8
148	64.6	32.6	98.0





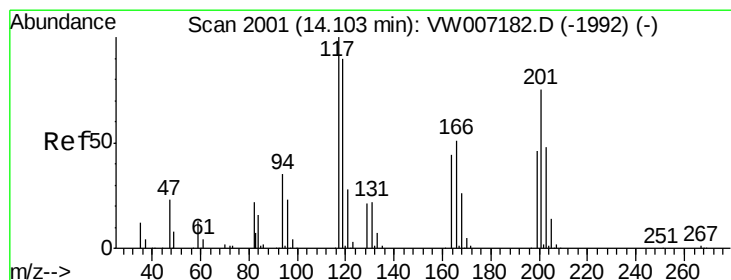
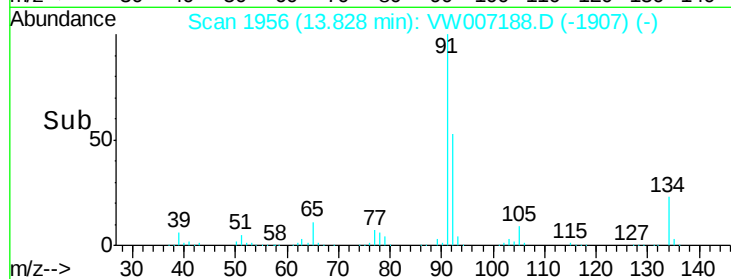
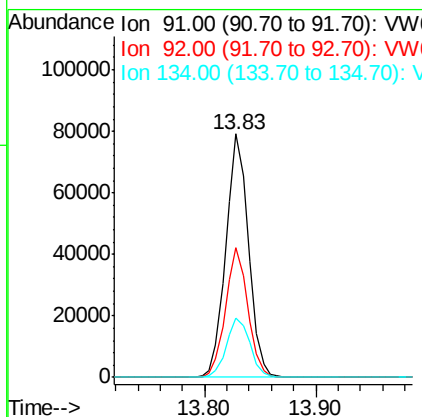
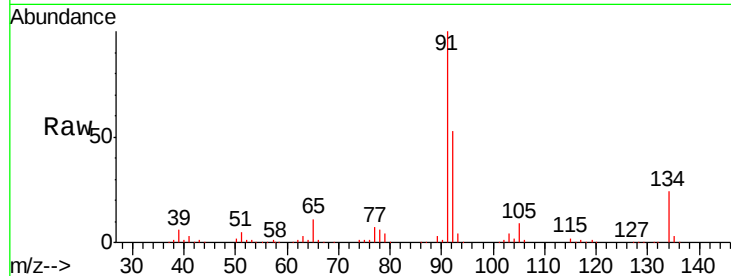
#89
n-Butylbenzene
Concen: 21.379 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.5	79.5
134	25.2	14.1	42.2

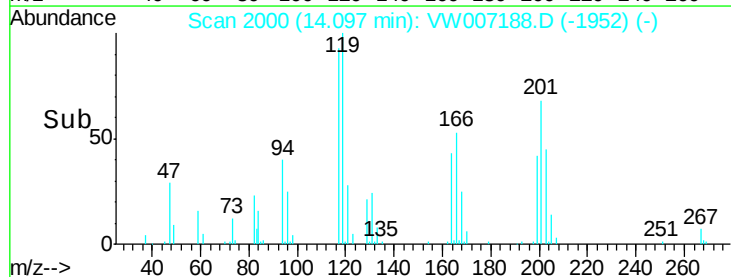
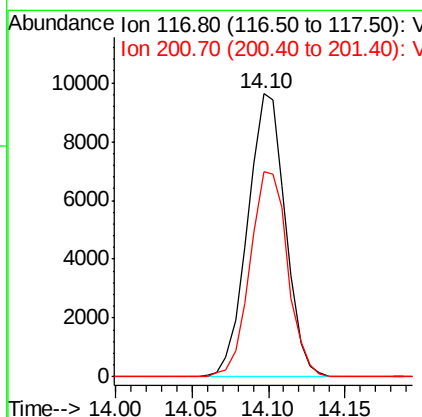
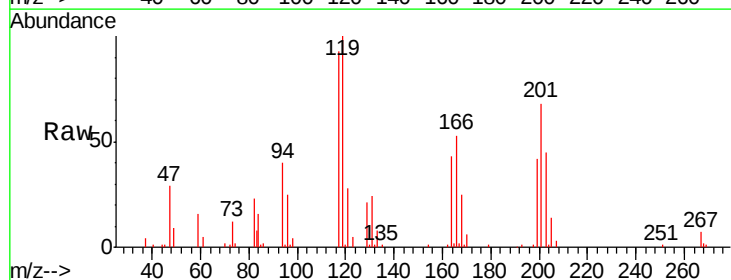
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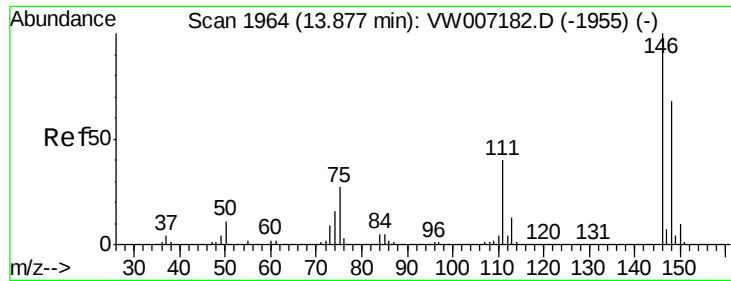
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#90
Hexachloroethane
Concen: 19.441 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.4	36.0	108.1





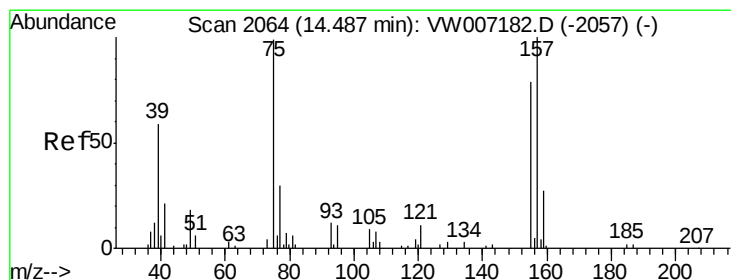
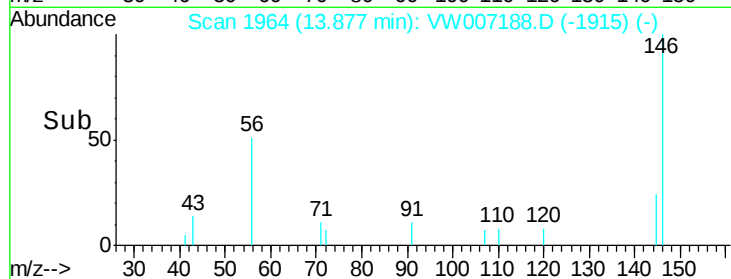
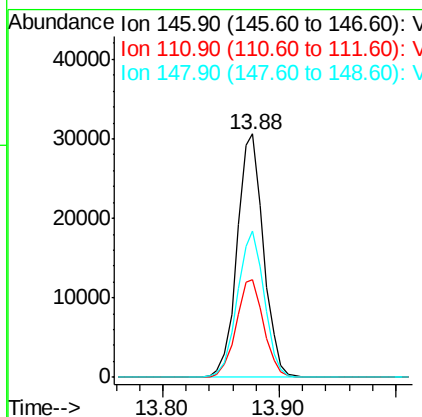
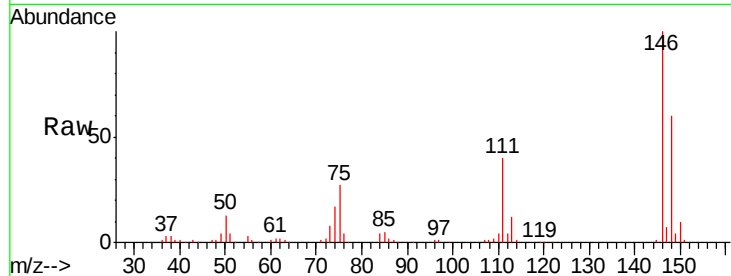
#91
 1,2-Dichlorobenzene
 Concen: 21.479 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.6	65.0
148	61.0	32.7	98.1

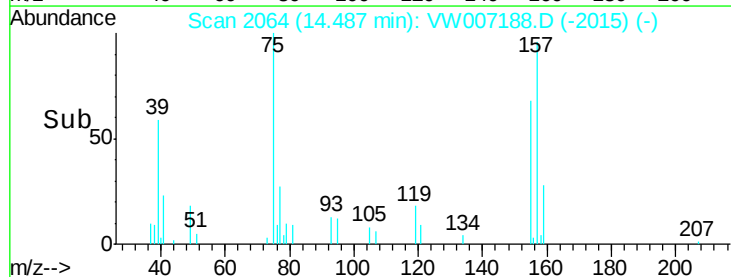
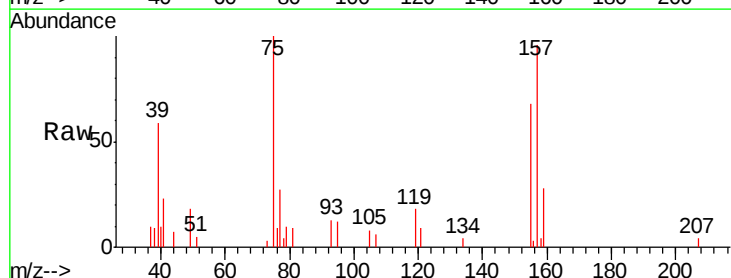
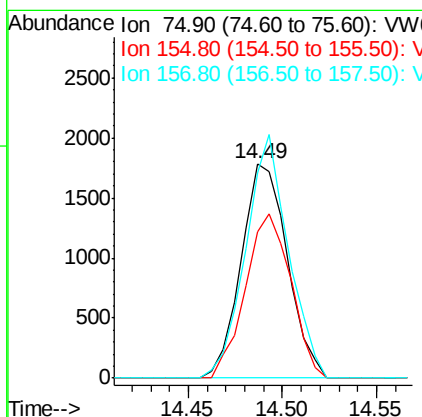
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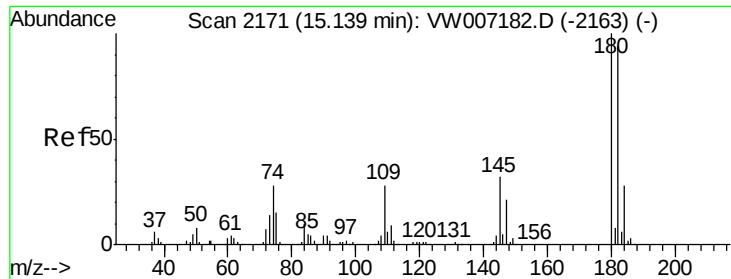
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.585 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.3	42.4	127.2
157	104.7	55.3	165.9





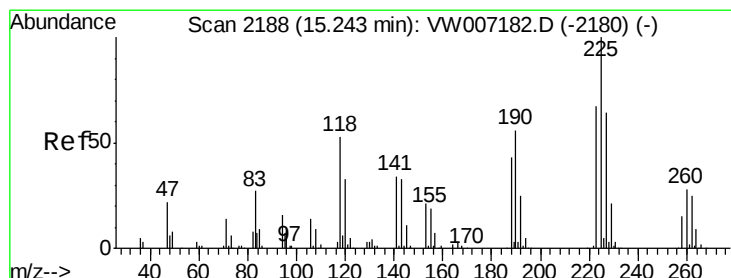
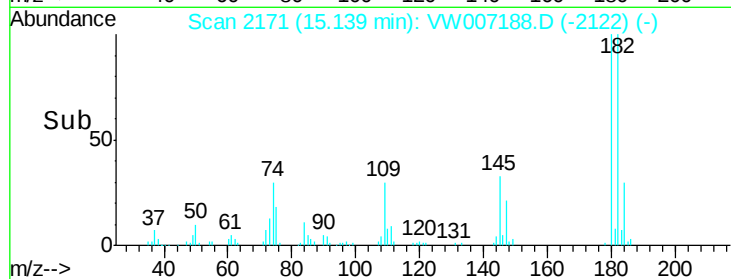
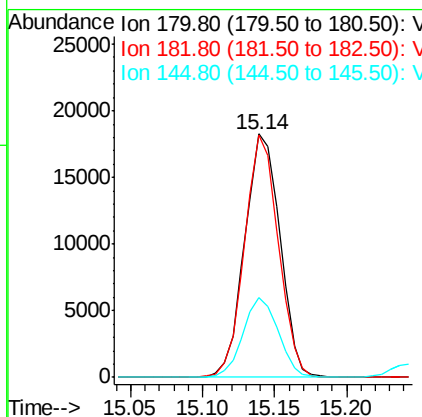
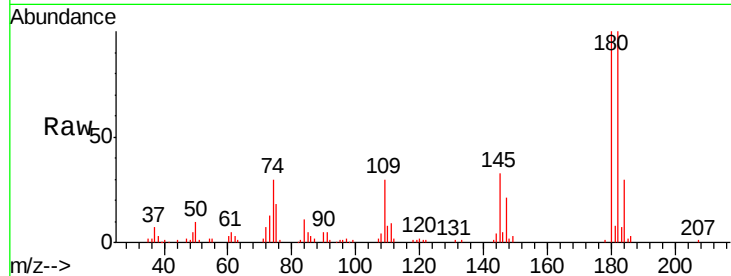
#93
 1,2,4-Trichlorobenzene
 Concen: 19.899 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.8
145	32.6	16.6	49.7

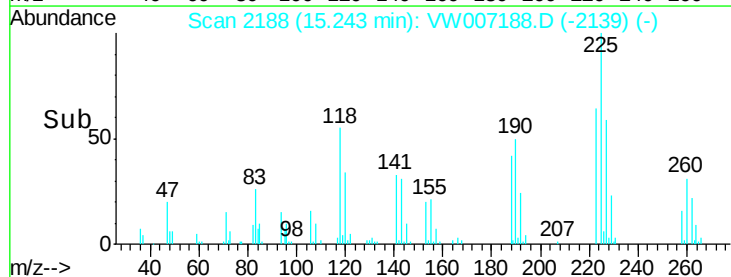
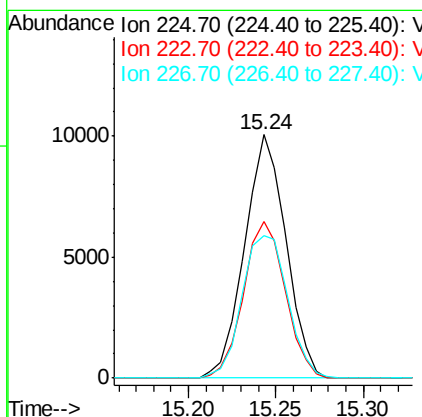
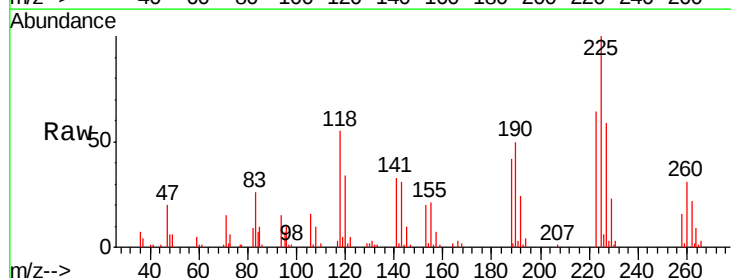
Manual Integrations
 APPROVED

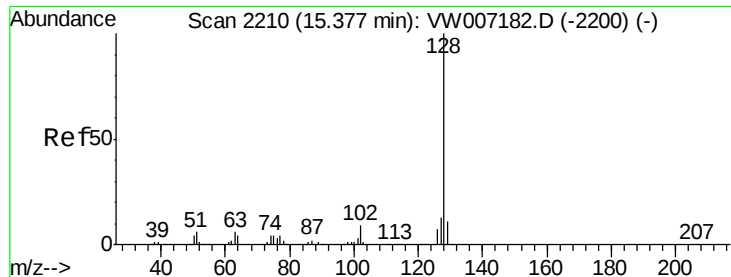
apatel
 12/5/2018 12:43:55 PM



#94
 Hexachlorobutadiene
 Concen: 19.719 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	32.3	96.8
227	64.6	32.1	96.3





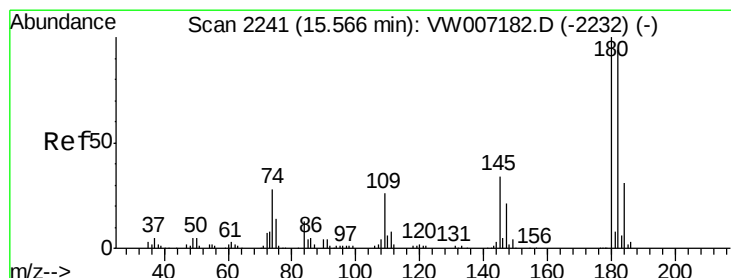
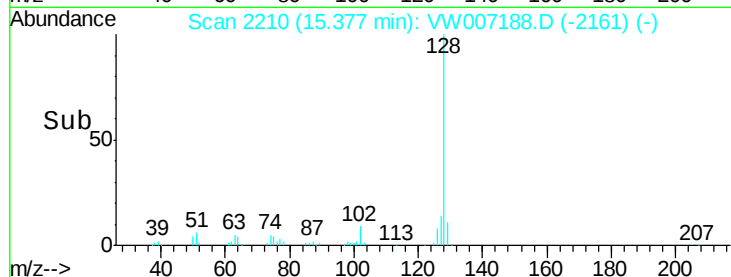
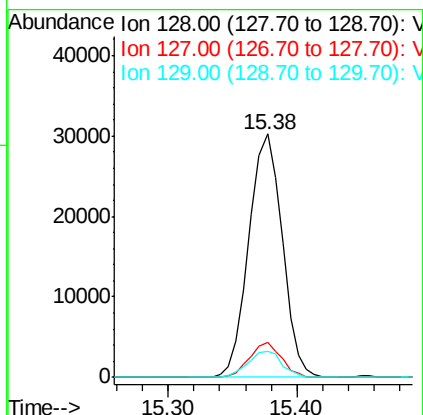
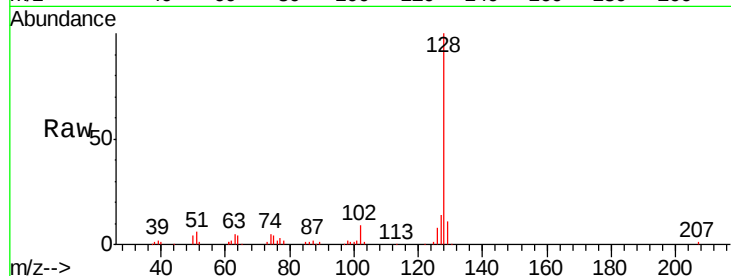
#95
Naphthalene
Concen: 19.478 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations
APPROVED

apatel
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#96
1,2,3-Trichlorobenzene
Concen: 19.520 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.4	142.2
145	35.2	17.6	52.8

