

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007229.D
 Acq On : 05 Dec 2018 14:01
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/6/2018 12:55:32 PM

Quant Time: Dec 06 06:32:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	108627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	167970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	155527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	77096	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	46969	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
35) Dibromofluoromethane	7.88	113	46501	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	10.32	98	213469	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.62	95	80259	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	52560	44.225	ug/l	99
3) Chloromethane	2.22	50	63083	41.914	ug/l	98
4) Vinyl Chloride	2.36	62	44793	47.534	ug/l	99
5) Bromomethane	2.76	94	27441	58.112	ug/l	96
6) Chloroethane	2.92	64	24842	46.984	ug/l	95
7) Trichlorofluoromethane	3.26	101	86970	47.338	ug/l	98
8) Diethyl Ether	3.69	74	22003	42.965	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51861	46.729	ug/l	99
10) Methyl Iodide	4.28	142	32400	34.270	ug/l	99
11) Tert butyl alcohol	5.17	59	17524	175.918	ug/l	100
12) 1,1-Dichloroethene	4.04	96	48112	46.258	ug/l	96
13) Acrolein	3.90	56	17157	242.106	ug/l	100
14) Allyl chloride	4.67	41	74953	44.959	ug/l	97
15) Acrylonitrile	5.38	53	45673	213.339	ug/l	100
16) Acetone	4.12	43	51873	216.657	ug/l	99
17) Carbon Disulfide	4.38	76	159394	46.493	ug/l	100
18) Methyl Acetate	4.67	43	22046	40.340	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	106546	43.510	ug/l	100
20) Methylene Chloride	4.92	84	57015	46.971	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	53689	46.230	ug/l	99
22) Diisopropyl ether	6.32	45	141459	47.267	ug/l	98
23) Vinyl Acetate	6.26	43	364225	223.040	ug/l	100
24) 1,1-Dichloroethane	6.22	63	90429	47.143	ug/l	98
25) 2-Butanone	7.17	43	56862	204.878	ug/l	99
26) 2,2-Dichloropropane	7.17	77	88408	47.961	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	57847	46.465	ug/l	99
28) Bromochloromethane	7.51	49	31886	46.100	ug/l	99
29) Tetrahydrofuran	7.53	42	34795	202.876	ug/l	100
30) Chloroform	7.68	83	93293	46.798	ug/l	99
31) Cyclohexane	7.96	56	90611	45.148	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	90508	48.243	ug/l	99
36) 1,1-Dichloropropene	8.09	75	78479	48.018	ug/l	99
37) Ethyl Acetate	7.26	43	23504	39.757	ug/l	98
38) Carbon Tetrachloride	8.07	117	80220	48.089	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	104169	47.611	ug/l	98
40) Benzene	8.32	78	216886	48.394	ug/l	100
41) Methacrylonitrile	7.49	41	15909	44.926	ug/l	94
42) 1,2-Dichloroethane	8.40	62	57743	46.101	ug/l	100
43) Isopropyl Acetate	8.43	43	48348	42.107	ug/l	100
44) Trichloroethene	9.09	130	61807	49.063	ug/l	91
45) 1,2-Dichloropropane	9.37	63	49614	47.572	ug/l	99
46) Dibromomethane	9.46	93	24429	45.078	ug/l	98
47) Bromodichloromethane	9.65	83	66697	46.788	ug/l	94
48) Methyl methacrylate	9.44	41	26860	45.072	ug/l	96
49) 1,4-Dioxane	9.45	88	9126	963.983	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	123873	218.917	ug/l	100
52) Toluene	10.39	92	152149	48.804	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	67067	46.795	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	79362	47.251	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	34946	45.334	ug/l	97
56) Ethyl methacrylate	10.65	69	46213	45.959	ug/l	98
57) 1,3-Dichloropropane	10.93	76	58007	44.572	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	95155	235.599	ug/l	100
59) 2-Hexanone	10.97	43	86360	210.536	ug/l	100
60) Dibromochloromethane	11.13	129	43694	46.119	ug/l	97
61) 1,2-Dibromoethane	11.24	107	33887	45.833	ug/l	98
64) Tetrachloroethene	10.87	164	54419	47.891	ug/l	95
65) Chlorobenzene	11.66	112	168118	48.400	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	51379	47.895	ug/l	99
67) Ethyl Benzene	11.73	91	306634	48.435	ug/l	98
68) m/p-Xylenes	11.84	106	236962	95.411	ug/l	98
69) o-Xylene	12.17	106	110551	47.643	ug/l	97
70) Styrene	12.18	104	179104	47.152	ug/l	98
71) Bromoform	12.35	173	23826	44.368	ug/l #	97
73) Isopropylbenzene	12.47	105	311772	49.721	ug/l	100
74) N-amyl acetate	12.27	43	48880	43.967	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	37776	46.387	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	24102m	40.374	ug/l	
77) Bromobenzene	12.75	156	64608	47.734	ug/l	99
78) n-propylbenzene	12.81	91	368726	49.358	ug/l	96
79) 2-Chlorotoluene	12.90	91	207023	49.074	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	261908	48.825	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12323	44.493	ug/l	96
82) 4-Chlorotoluene	12.99	91	219405	48.888	ug/l	99
83) tert-Butylbenzene	13.21	119	230932	49.262	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	261718	47.796	ug/l	97
85) sec-Butylbenzene	13.39	105	329498	49.235	ug/l	99
86) p-Isopropyltoluene	13.51	119	291268	48.891	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	133932	48.202	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	131445	46.834	ug/l	98
89) n-Butylbenzene	13.83	91	275678	49.519	ug/l	99
90) Hexachloroethane	14.10	117	45164	49.748	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	116482	48.425	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6881	43.618	ug/l	96

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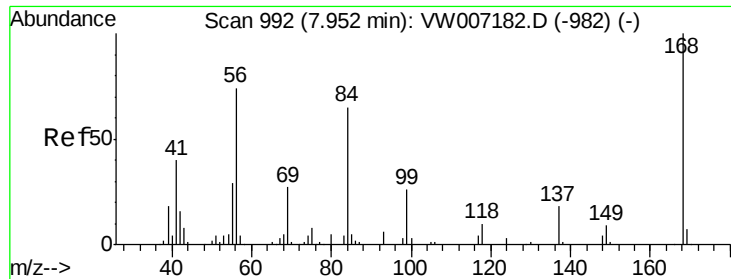
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	79174	47.496	ug/l	98
94) Hexachlorobutadiene	15.24	225	44342	49.328	ug/l	99
95) Naphthalene	15.38	128	133287	44.614	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	64205	45.677	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 108627

Ion Ratio Lower Upper

168 100

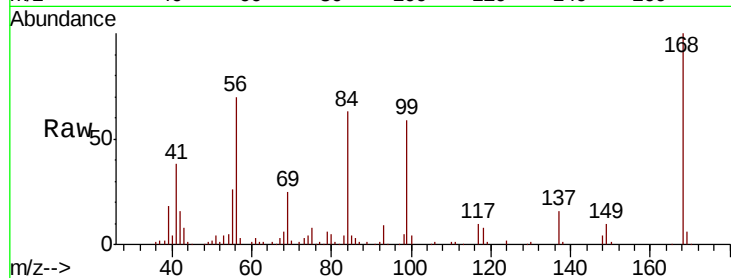
99 58.9 47.8 71.8

Manual Integrations

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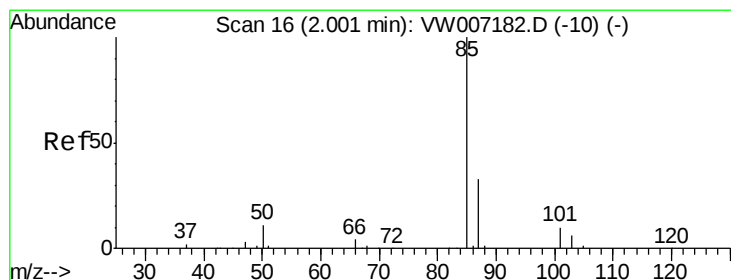
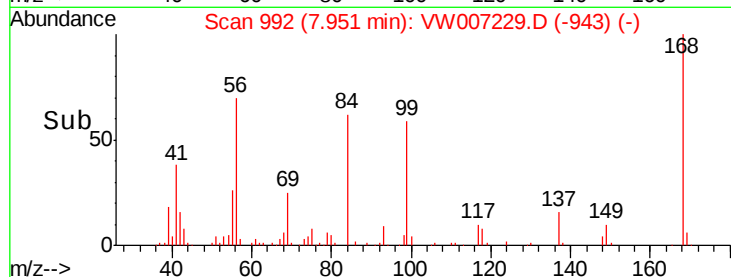
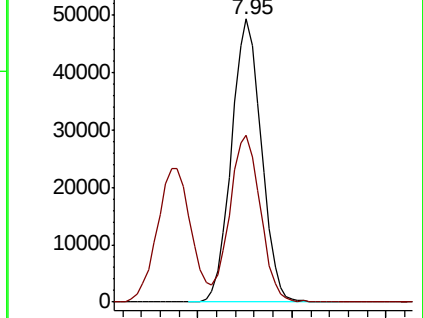
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 44.225 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007229.D

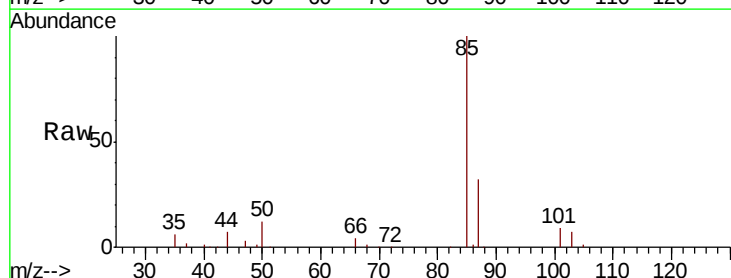
Acq: 05 Dec 2018 14:01

Tgt Ion: 85 Resp: 52560

Ion Ratio Lower Upper

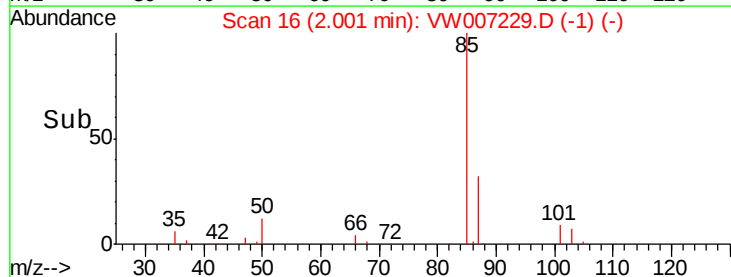
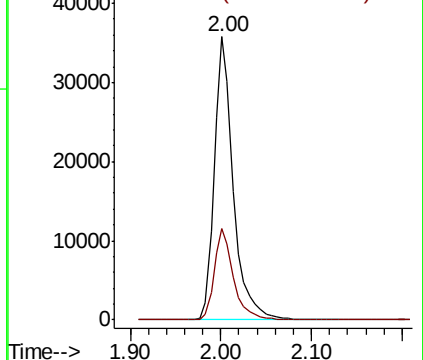
85 100

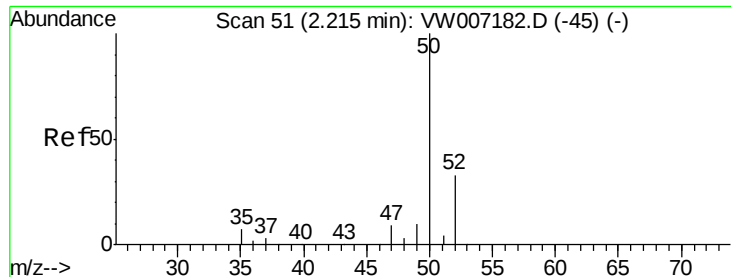
87 32.3 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 41.914 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 63083

Ion Ratio Lower Upper

50 100

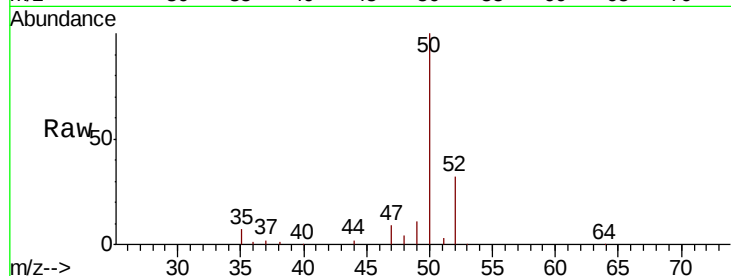
52 31.6 26.2 39.2

Manual Integrations

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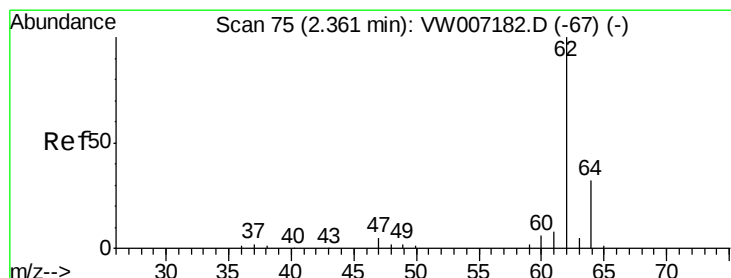
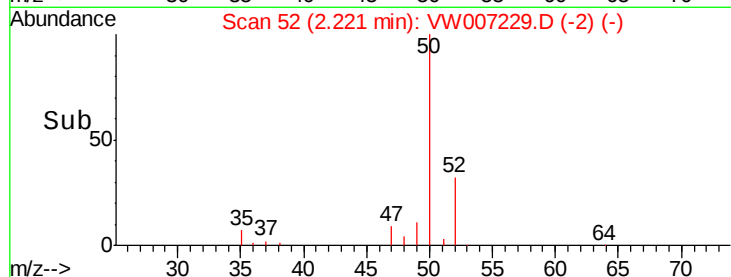
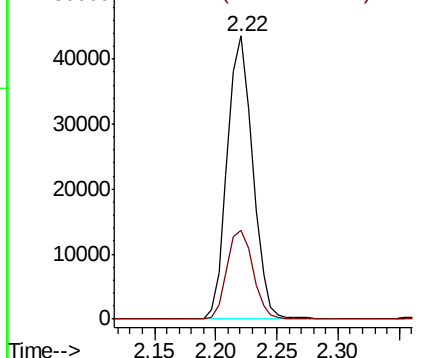
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 47.534 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007229.D

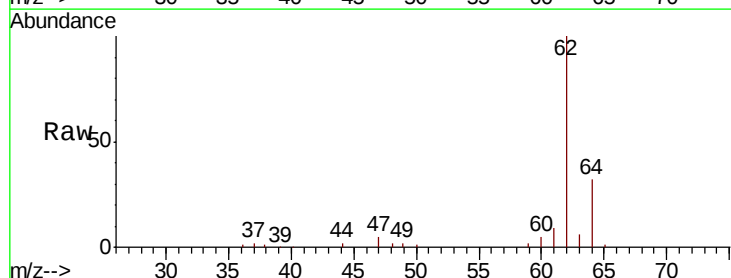
Acq: 05 Dec 2018 14:01

Tgt Ion: 62 Resp: 44793

Ion Ratio Lower Upper

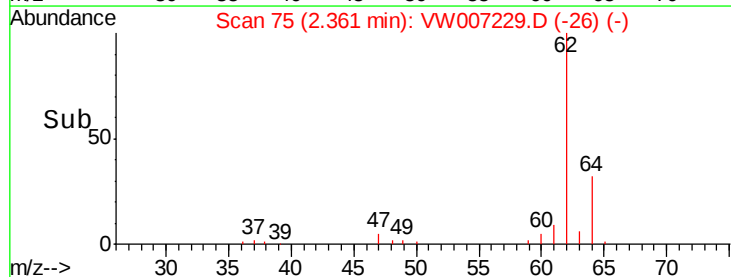
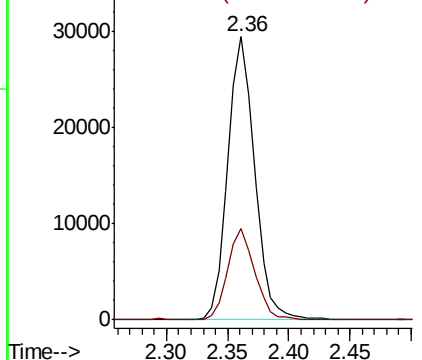
62 100

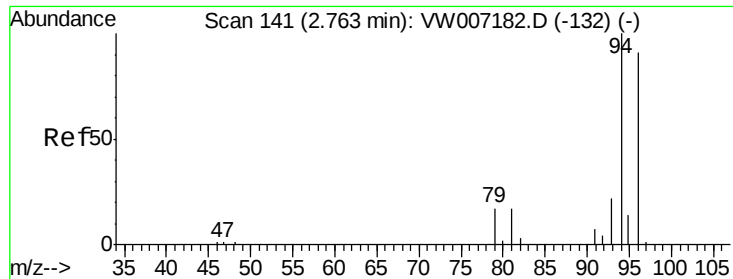
64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 58.112 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 27441

Ion Ratio Lower Upper

94 100

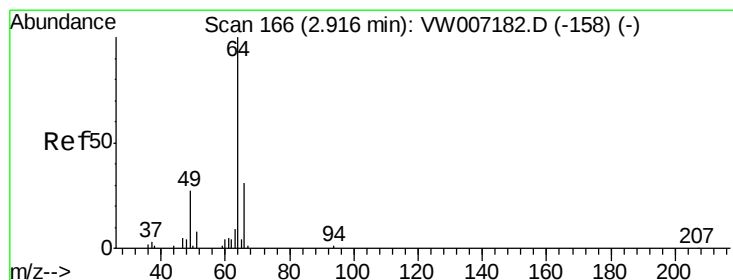
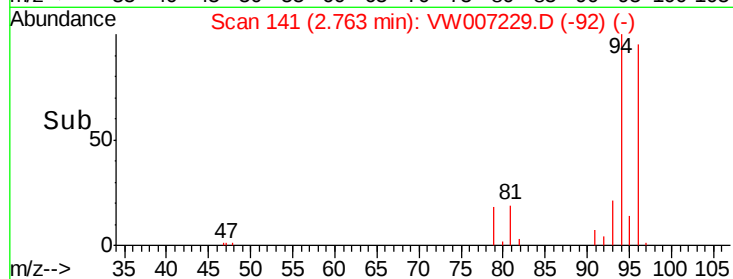
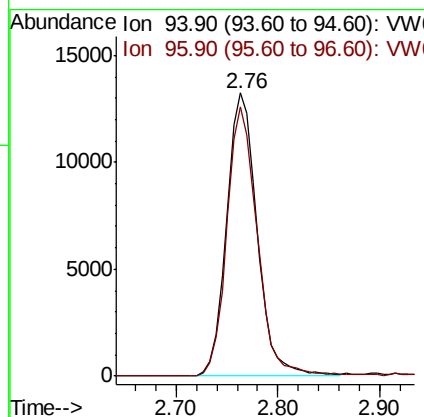
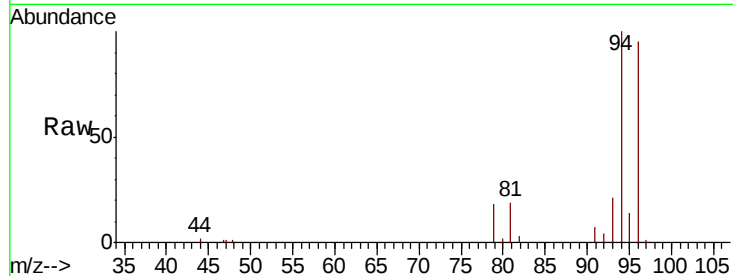
96 95.1 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 46.984 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW007229.D

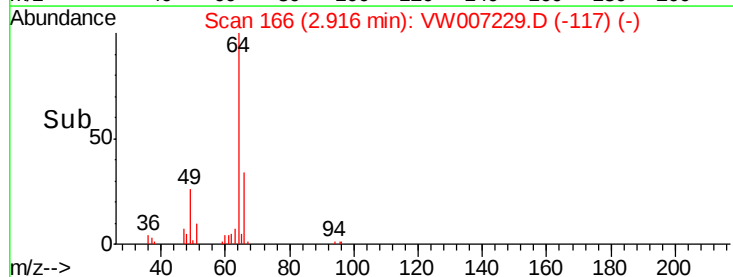
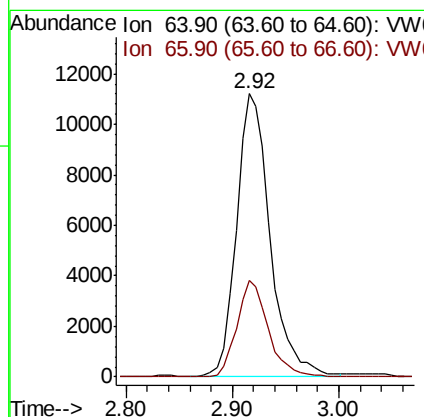
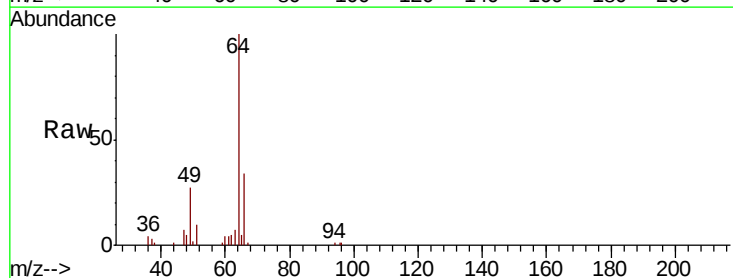
Acq: 05 Dec 2018 14:01

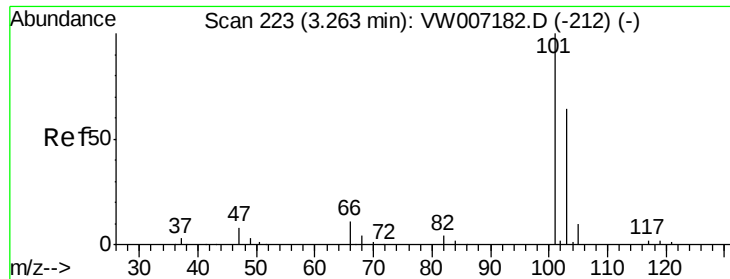
Tgt Ion: 64 Resp: 24842

Ion Ratio Lower Upper

64 100

66 33.9 25.0 37.6





#7

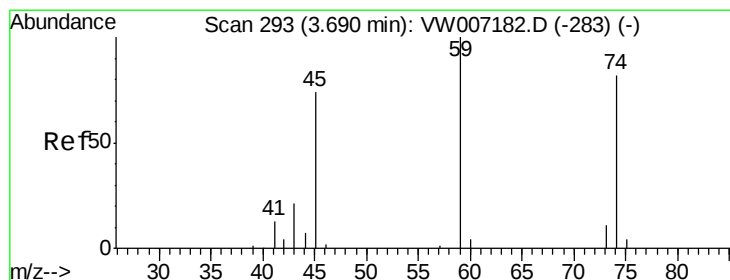
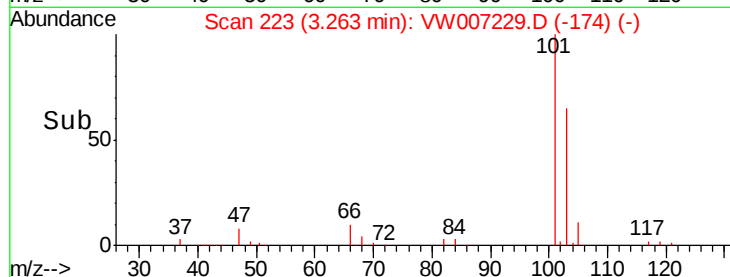
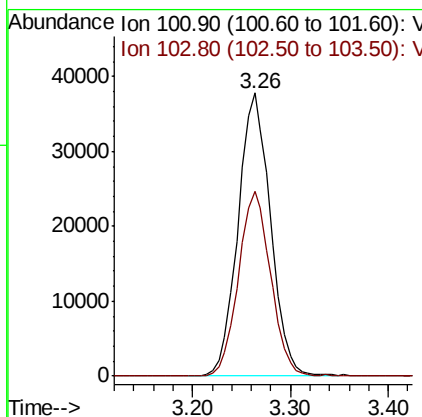
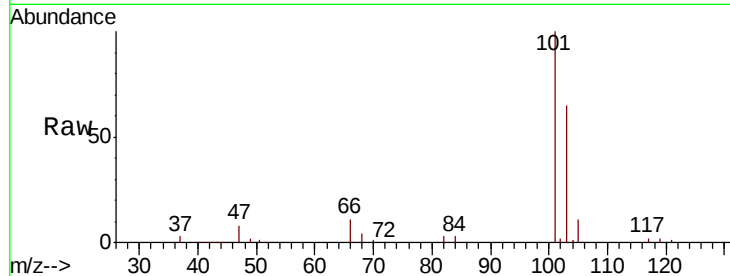
Trichlorofluoromethane
 Concen: 47.338 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

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 ClientSampleId :
 VSTDCCC050

Tgt Ion: 101 Resp: 86970
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.9 76.3

Manual Integrations
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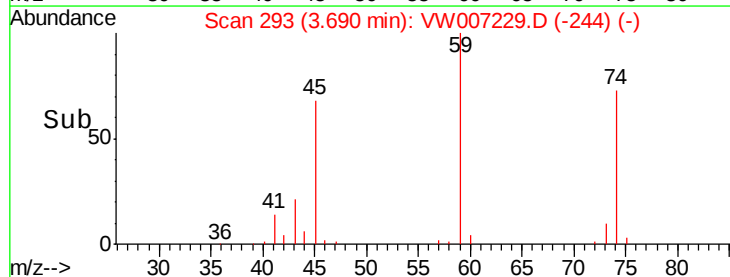
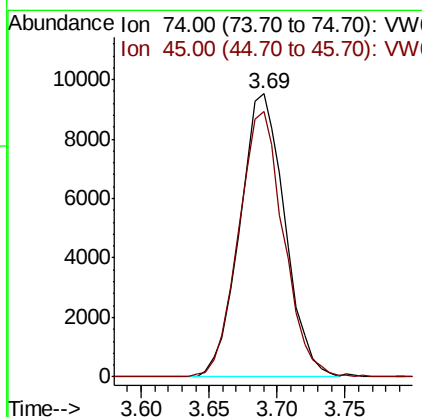
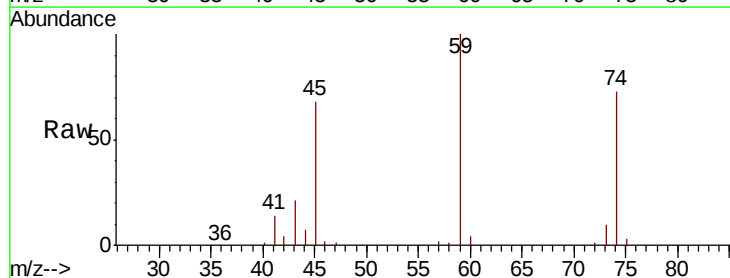
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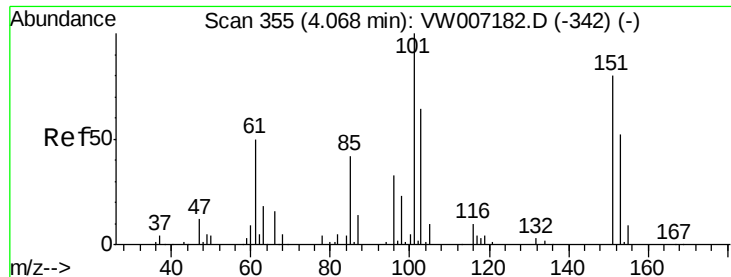


#8

Diethyl Ether
 Concen: 42.965 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion: 74 Resp: 22003
 Ion Ratio Lower Upper
 74 100
 45 93.9 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.729 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

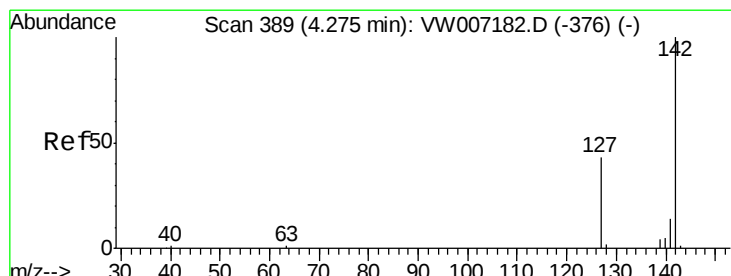
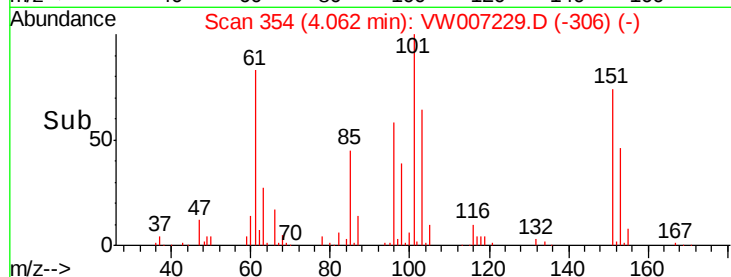
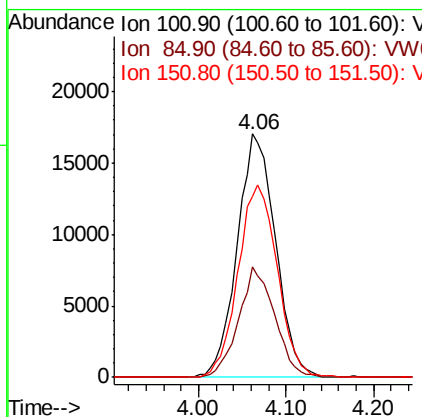
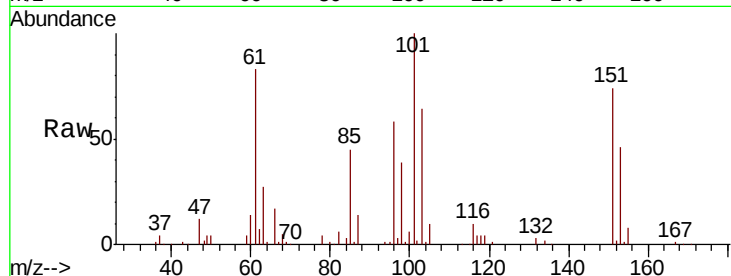
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	51861
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.4	50.2
151	81.2	63.9	95.9

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#10

Methyl Iodide

Concen: 34.270 ug/l

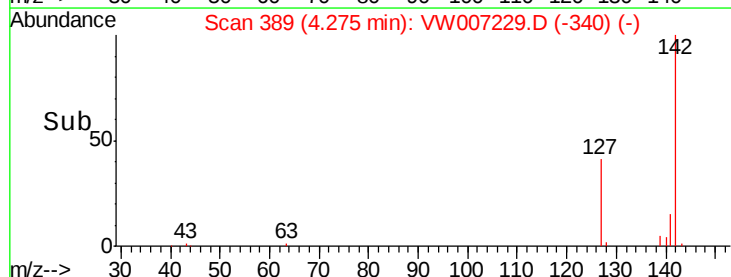
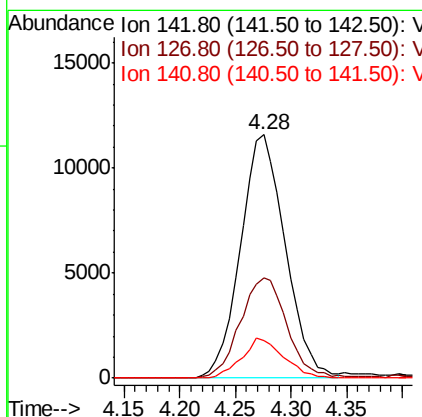
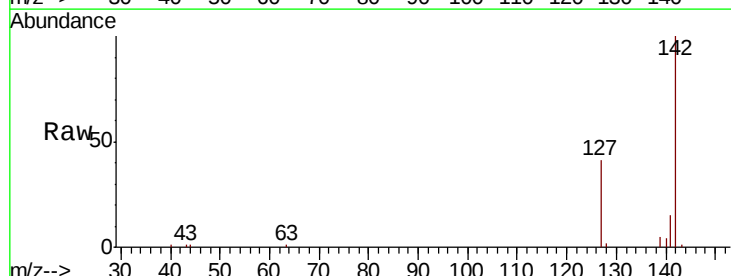
RT: 4.28 min Scan# 389

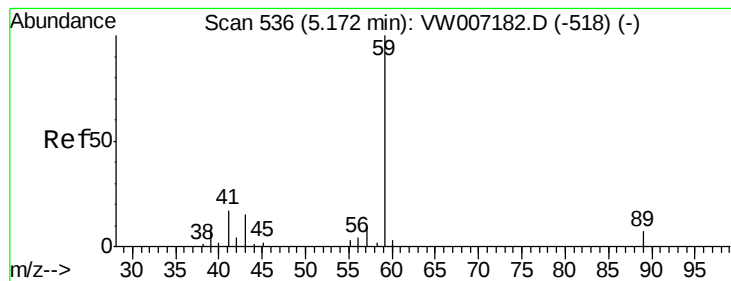
Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Tgt Ion:	142	Resp:	32400
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.9	52.3
141	15.2	11.7	17.5





#11

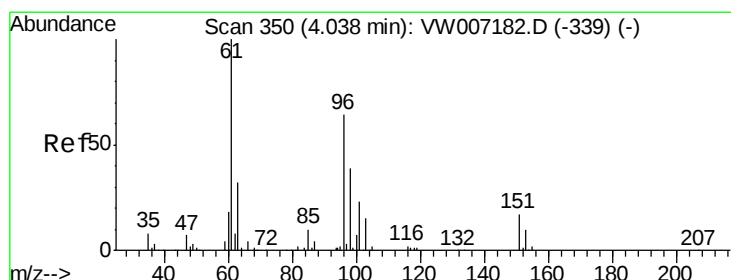
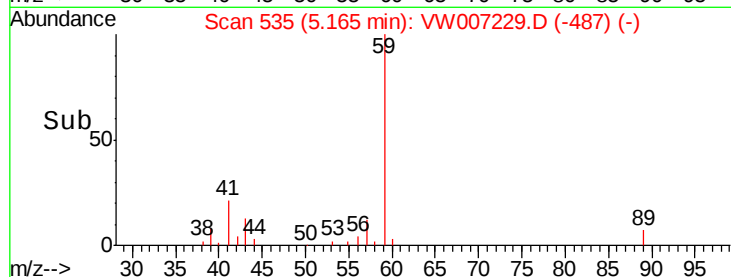
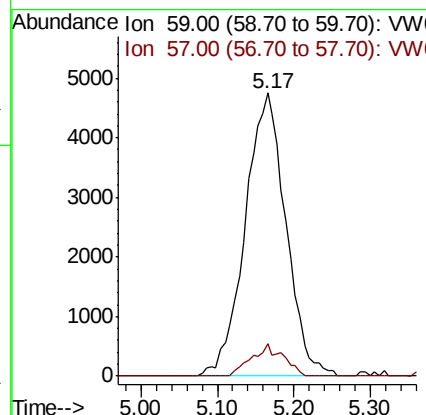
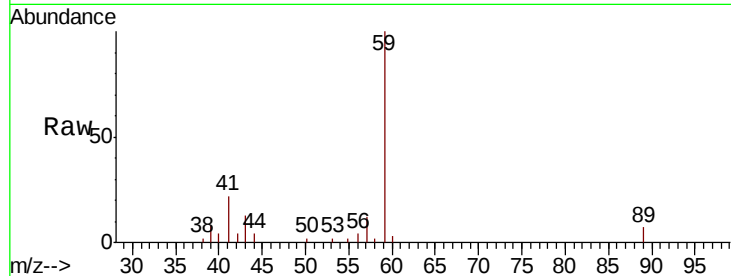
Tert butyl alcohol
 Concen: 175.918 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.8	7.1	10.7

Manual Integrations
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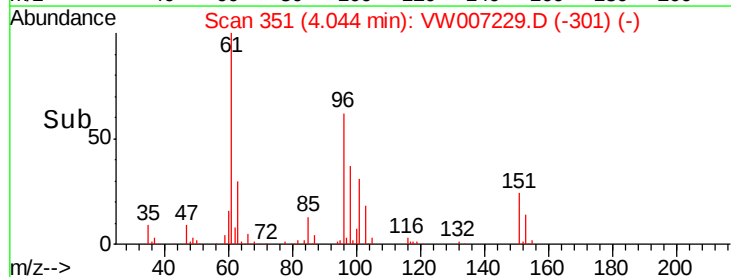
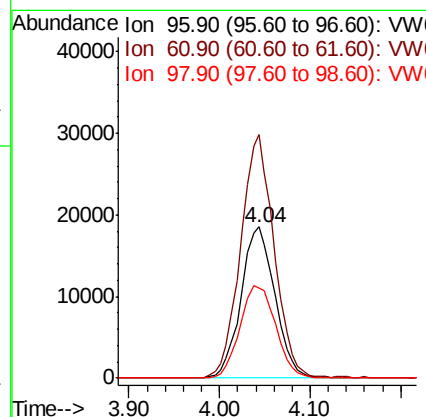
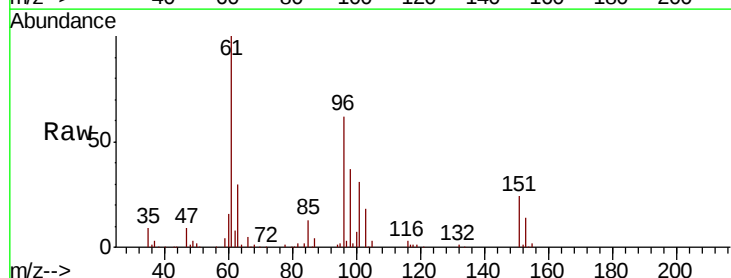
apatel
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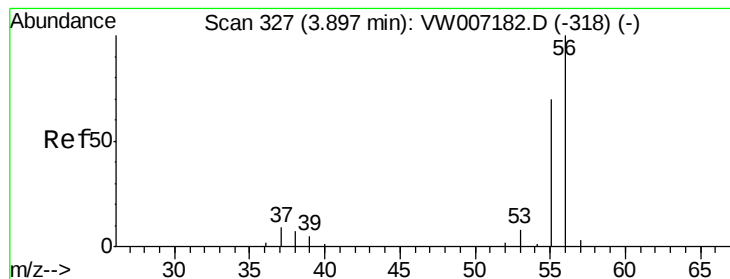


#12

1,1-Dichloroethene
 Concen: 46.258 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.1	124.1	186.1
98	59.7	48.6	72.8





#13

Acrolein

Concen: 242.106 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 56 Resp: 17157

Ion Ratio Lower Upper

56 100

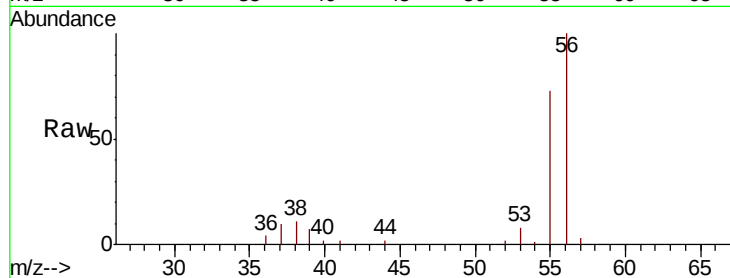
55 71.0 56.9 85.3

Manual Integrations

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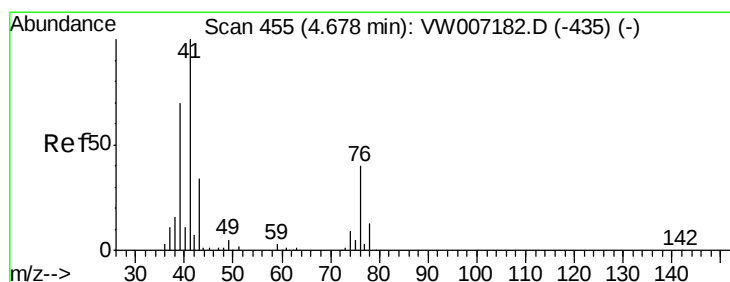
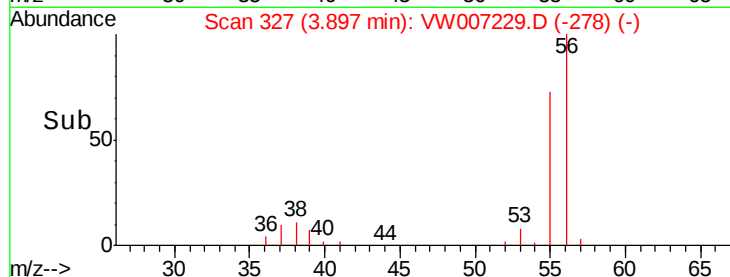
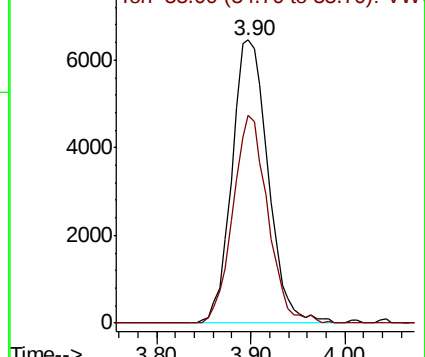
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 44.959 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

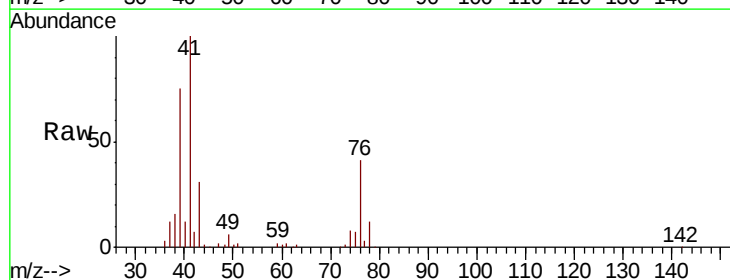
Tgt Ion: 41 Resp: 74953

Ion Ratio Lower Upper

41 100

39 73.8 55.9 83.9

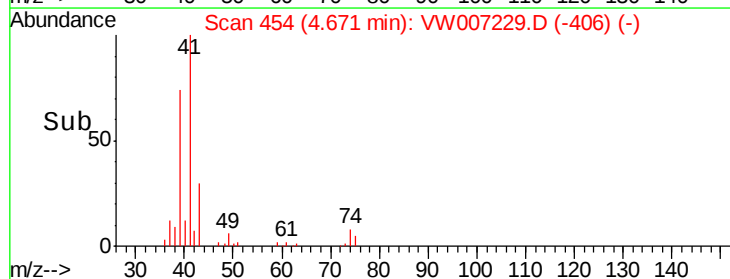
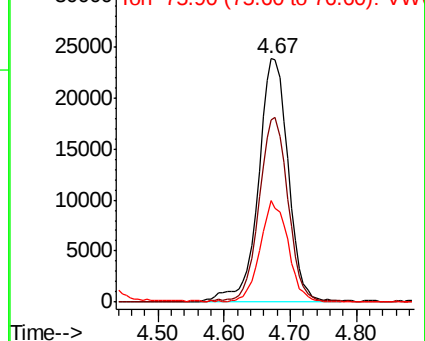
76 39.1 30.8 46.2

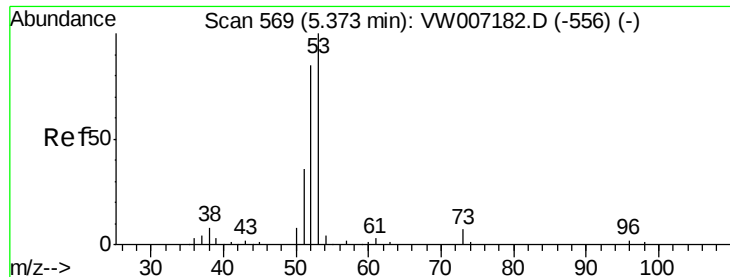


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





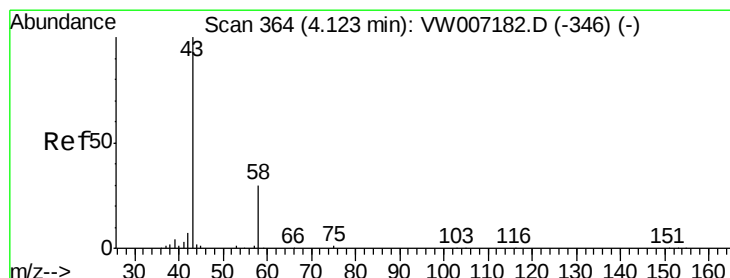
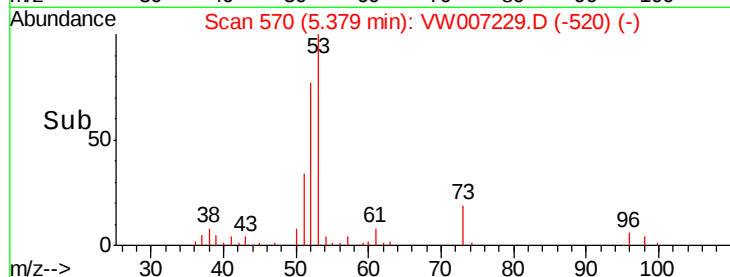
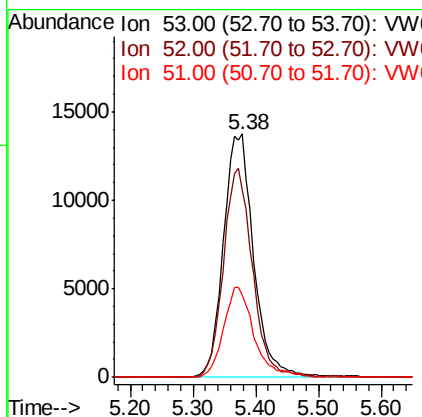
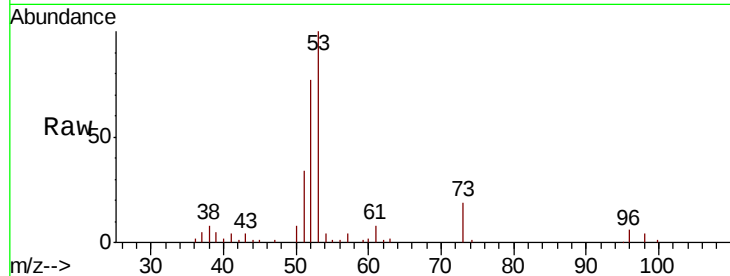
#15
 Acrylonitrile
 Concen: 213.339 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	53	Resp:	45673
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.1	99.1
51	37.3	30.3	45.5

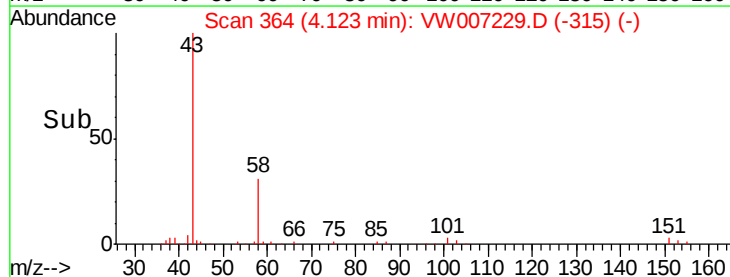
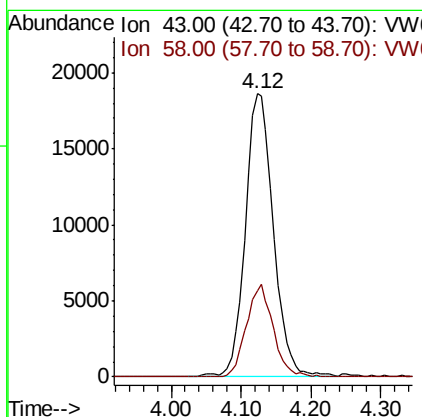
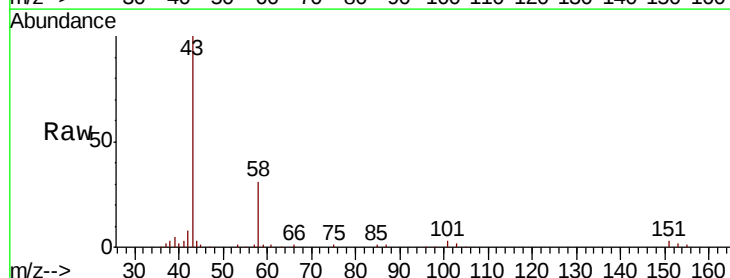
Manual Integrations
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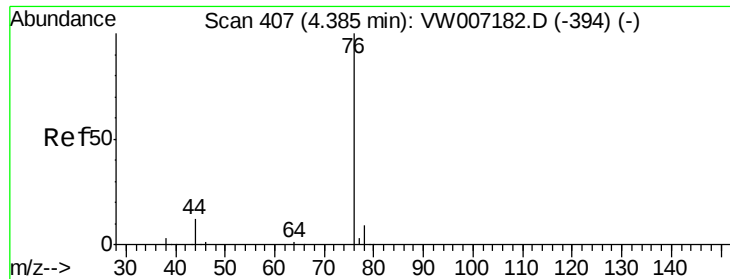
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#16
 Acetone
 Concen: 216.657 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion:	43	Resp:	51873
Ion	Ratio	Lower	Upper
43	100		
58	30.6	23.8	35.8





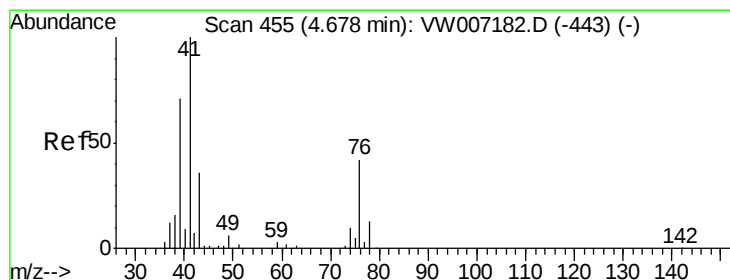
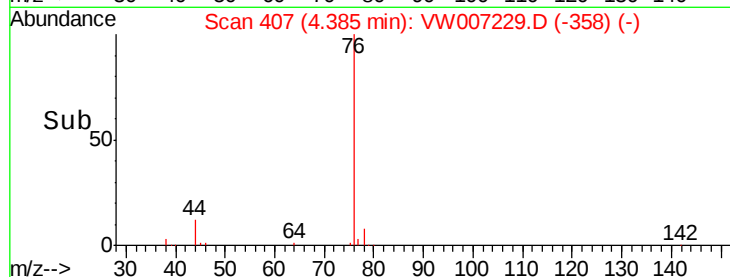
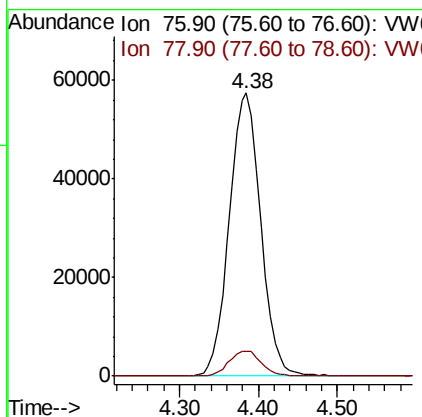
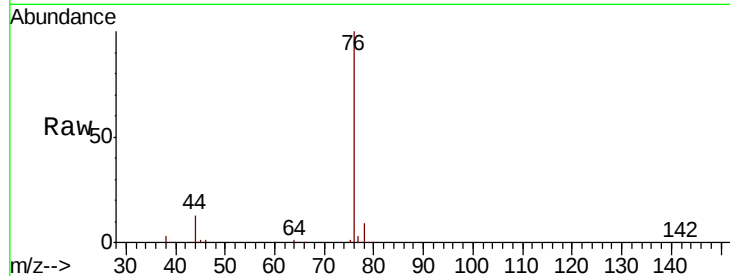
#17
Carbon Disulfide
Concen: 46.493 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 159394
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

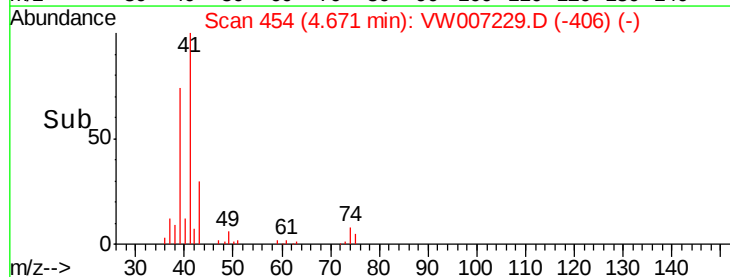
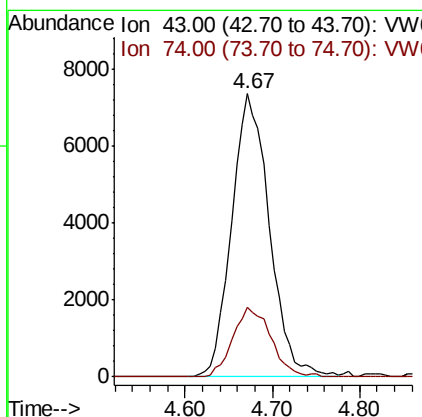
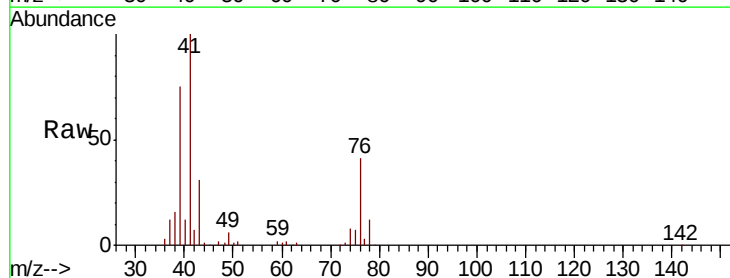
Manual Integrations
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#18
Methyl Acetate
Concen: 40.340 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 43 Resp: 22046
Ion Ratio Lower Upper
43 100
74 24.8 20.1 30.1





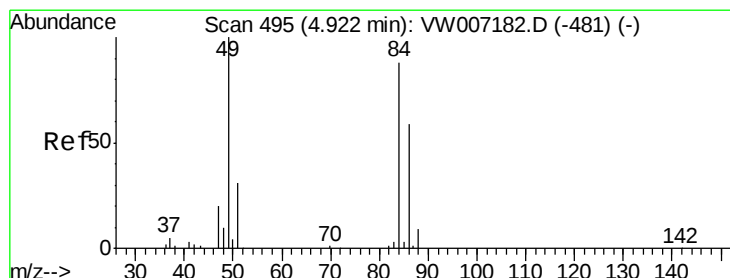
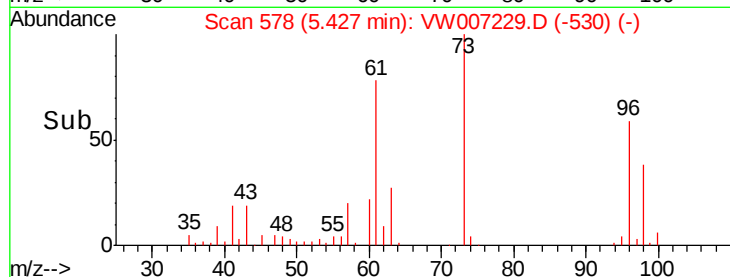
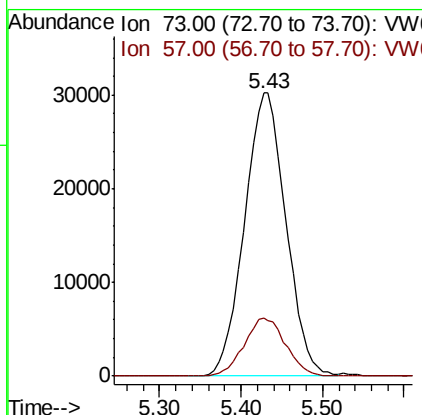
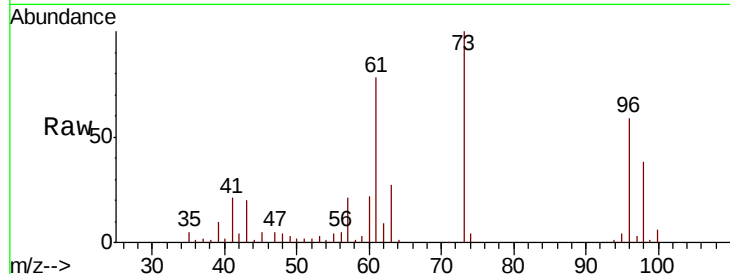
#19
Methyl tert-butyl Ether
Concen: 43.510 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 106546
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0

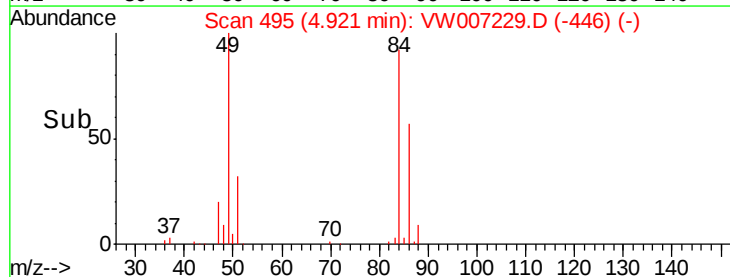
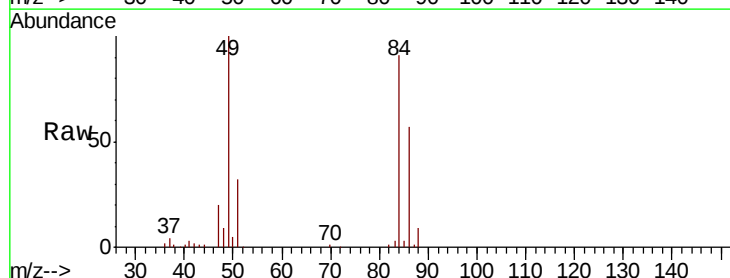
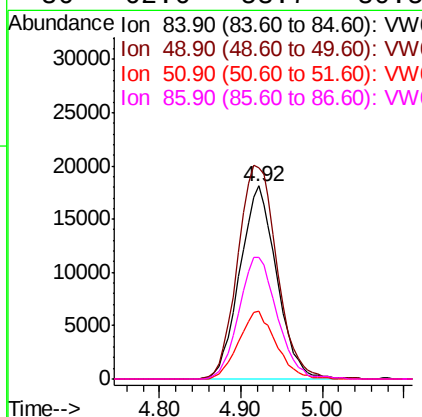
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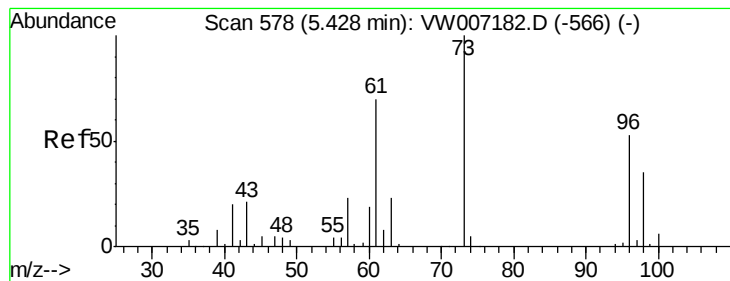
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#20
Methylene Chloride
Concen: 46.971 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 84 Resp: 57015
Ion Ratio Lower Upper
84 100
49 109.6 90.6 135.8
51 34.9 27.6 41.4
86 62.6 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 46.230 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

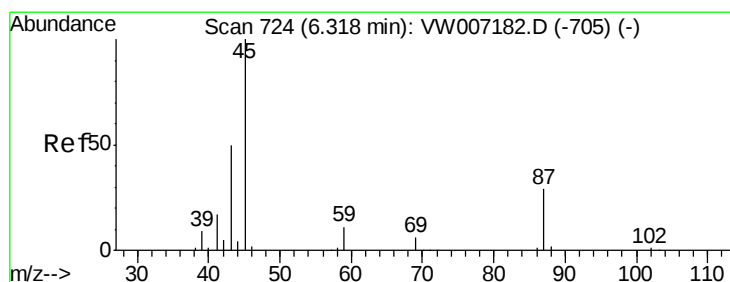
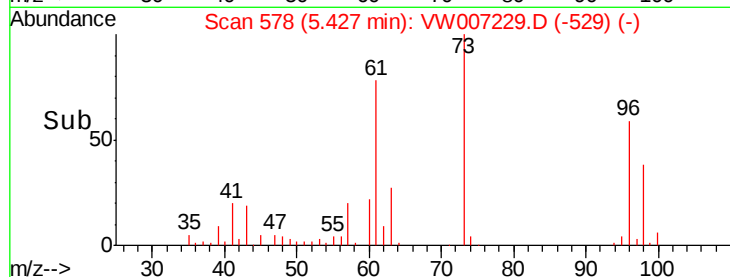
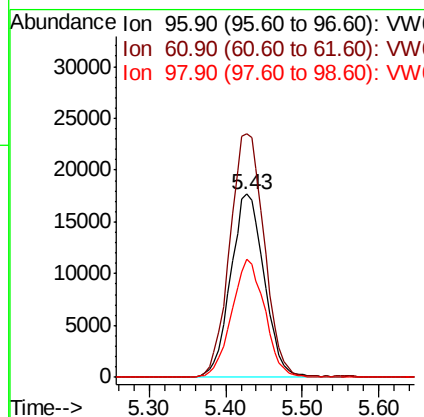
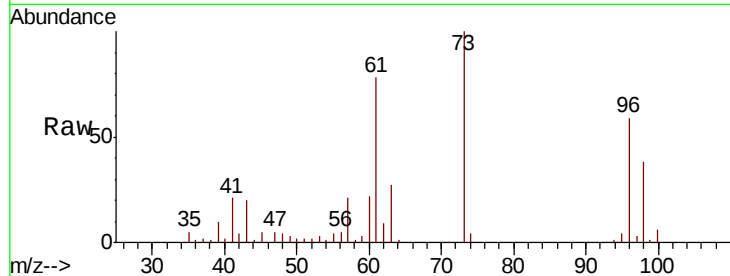
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	53689
Ion	Ratio	Lower	Upper
96	100		
61	133.0	105.5	158.3
98	64.7	52.6	79.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.267 ug/l

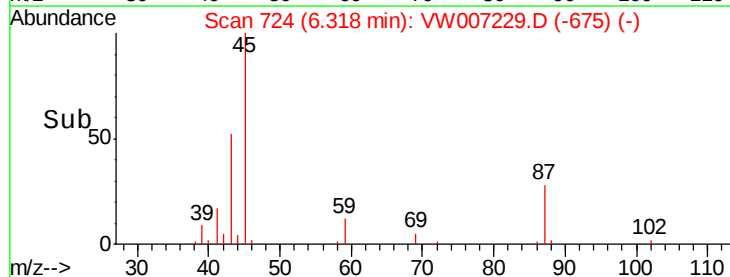
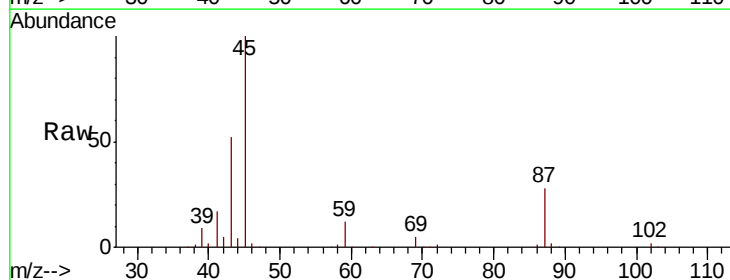
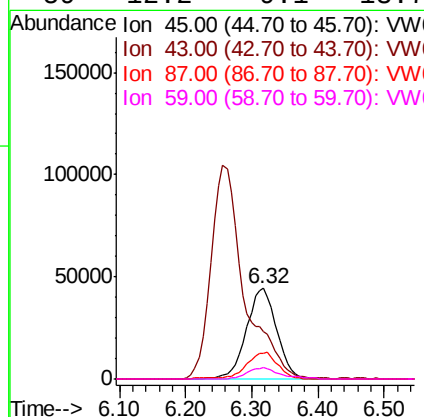
RT: 6.32 min Scan# 724

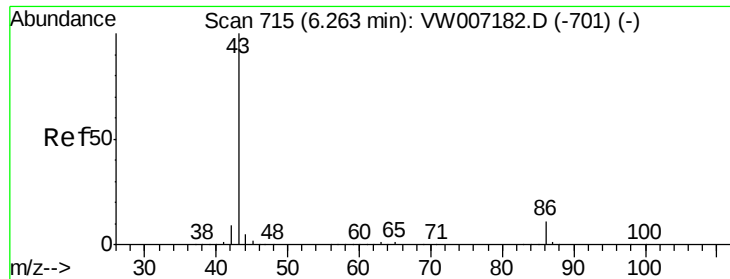
Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Tgt Ion:	45	Resp:	141459
Ion	Ratio	Lower	Upper
45	100		
43	51.3	40.8	61.2
87	28.0	24.0	36.0
59	12.2	9.1	13.7





#23

Vinyl Acetate

Concen: 223.040 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 364225

Ion Ratio Lower Upper

43 100

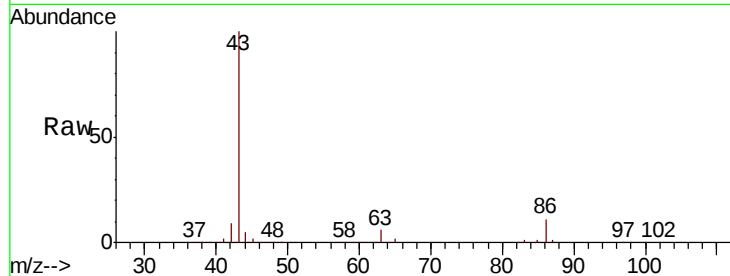
86 11.5 9.0 13.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

120000

100000

80000

60000

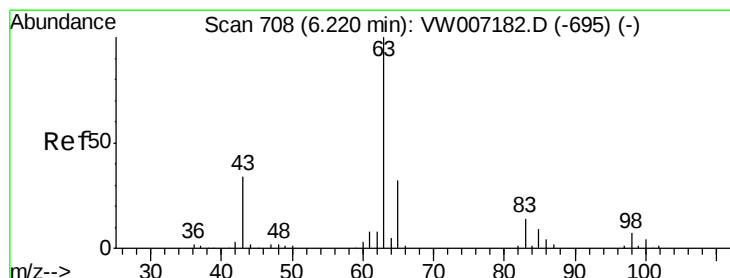
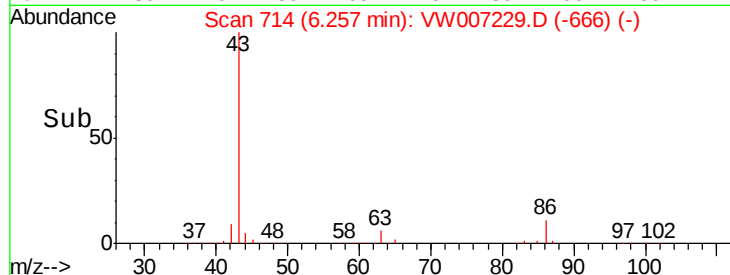
40000

20000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 47.143 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

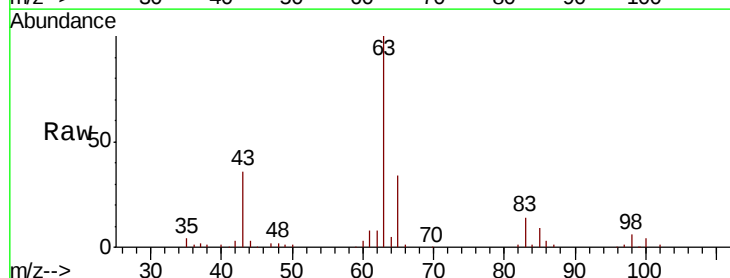
Tgt Ion: 63 Resp: 90429

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.5

100 4.3 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

40000

30000

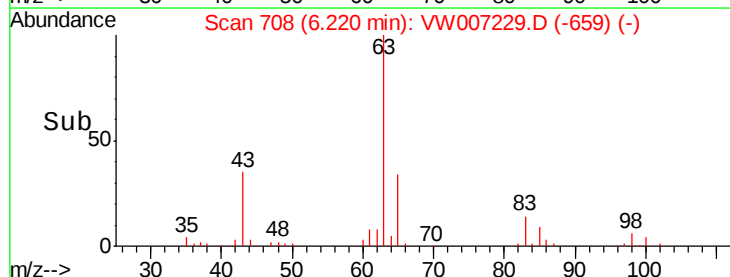
20000

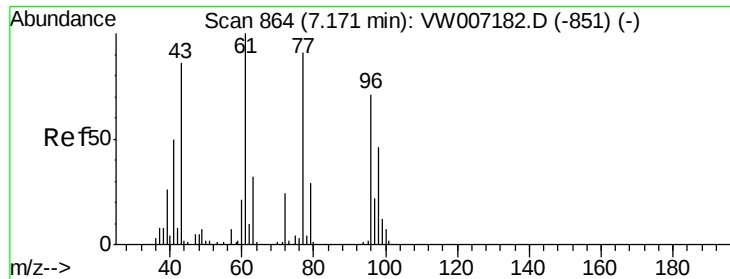
10000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 204.878 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 56862

Ion Ratio Lower Upper

43 100

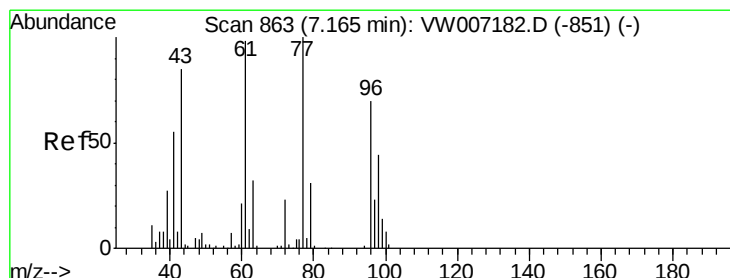
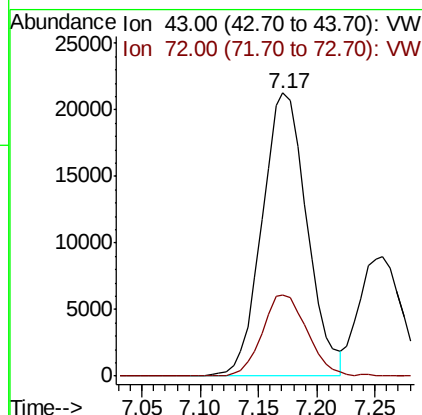
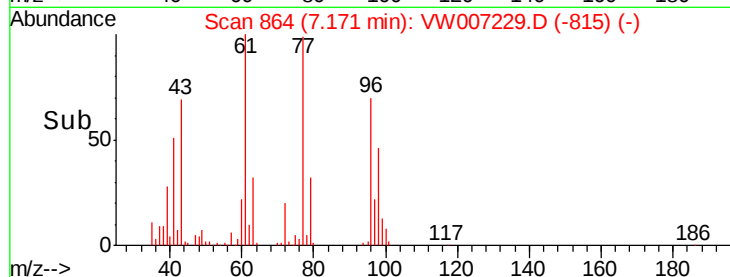
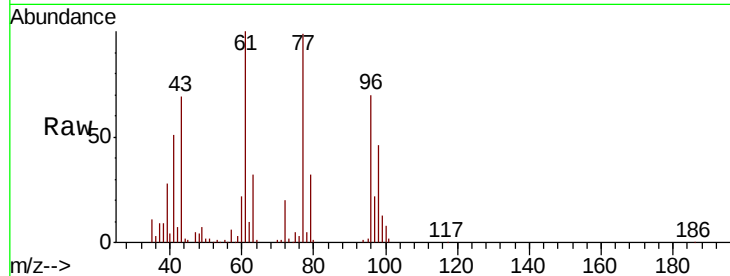
72 28.9 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.961 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007229.D

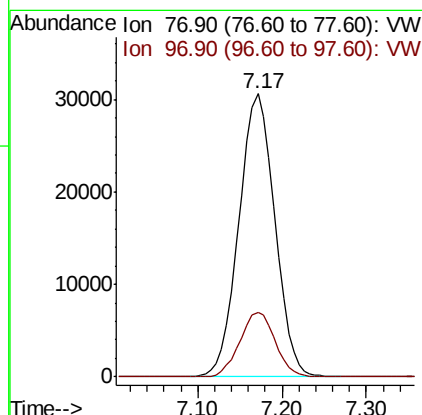
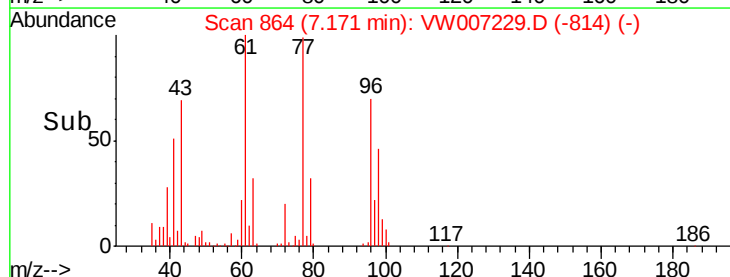
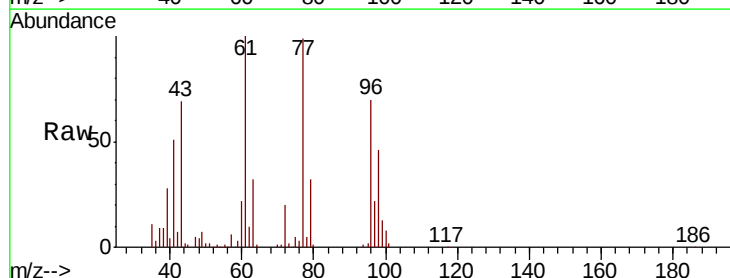
Acq: 05 Dec 2018 14:01

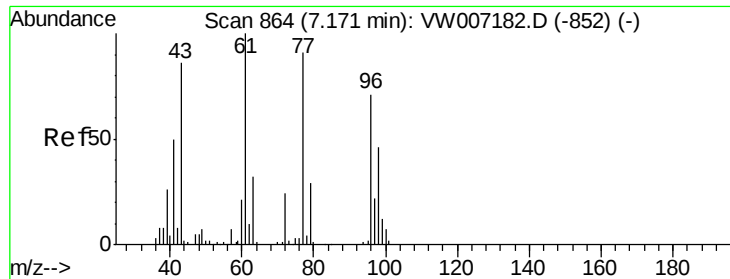
Tgt Ion: 77 Resp: 88408

Ion Ratio Lower Upper

77 100

97 22.2 11.5 34.4





#27

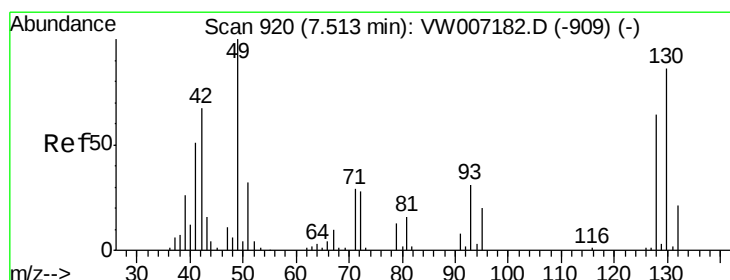
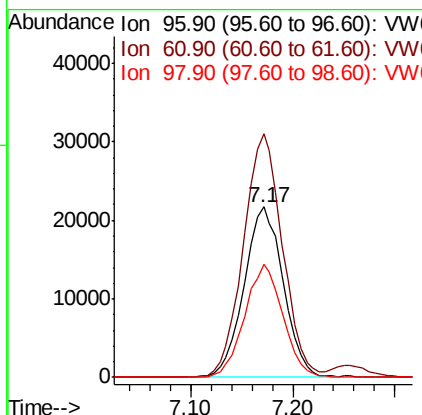
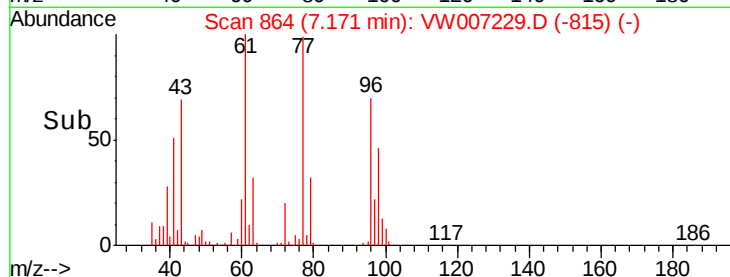
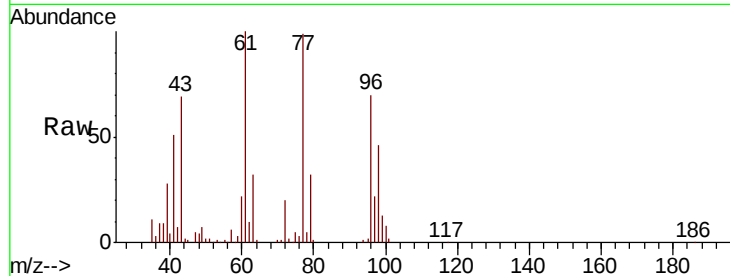
cis-1,2-Dichloroethene
Concen: 46.465 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	282.4
98	64.8	0.0	129.8

Manual Integrations
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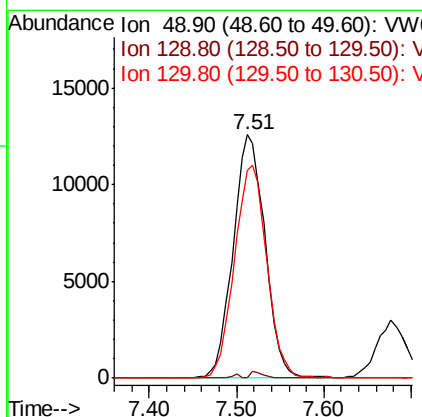
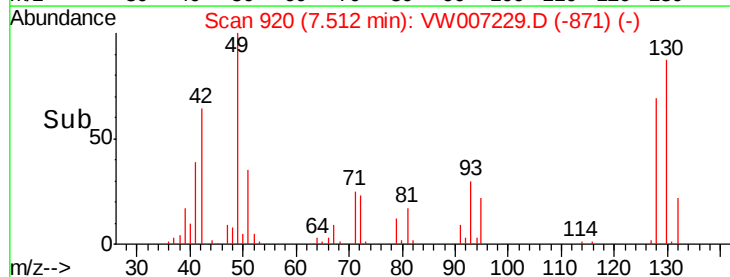
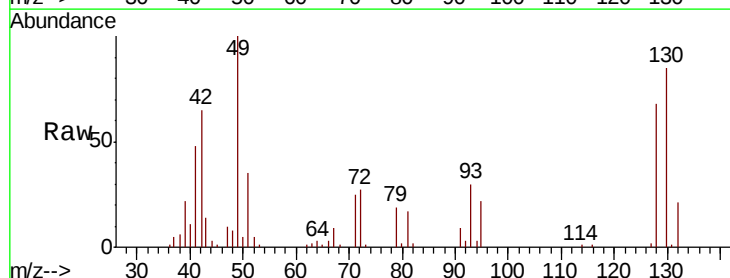
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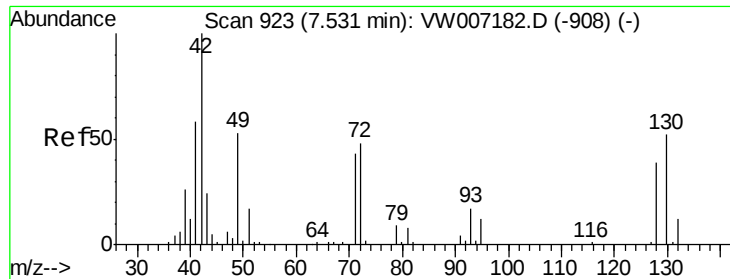


#28

Bromochloromethane
Concen: 46.100 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.8
130	88.7	70.3	105.5





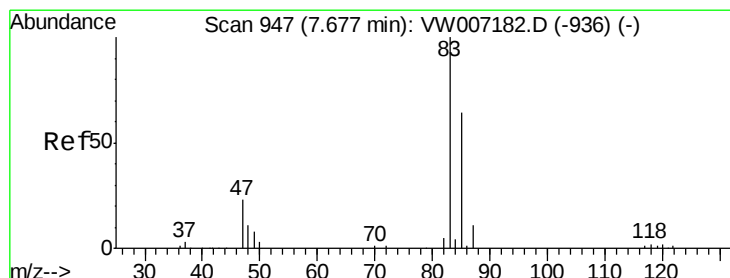
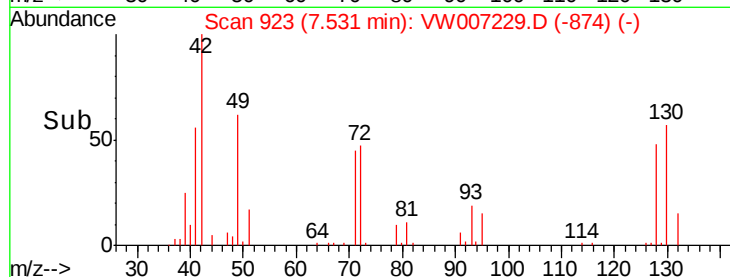
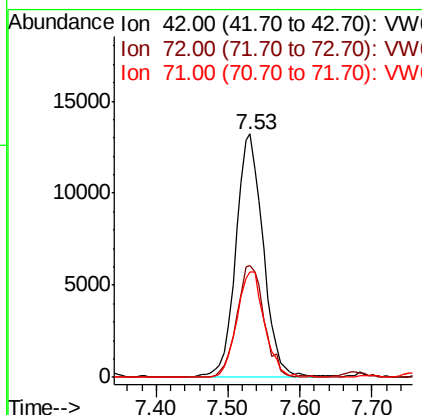
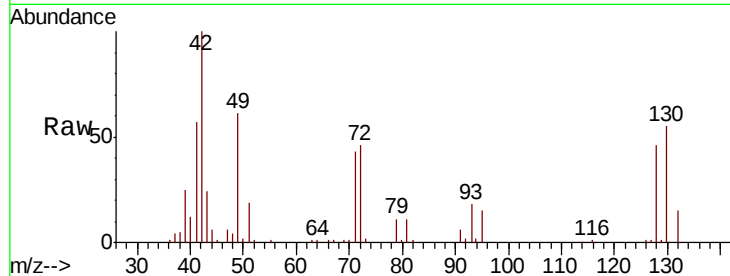
#29
Tetrahydrofuran
Concen: 202.876 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.6	55.0
71	43.4	34.8	52.2

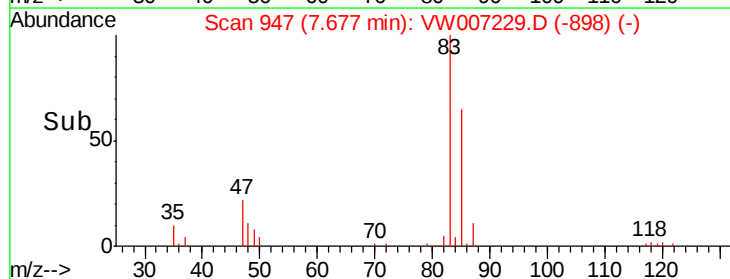
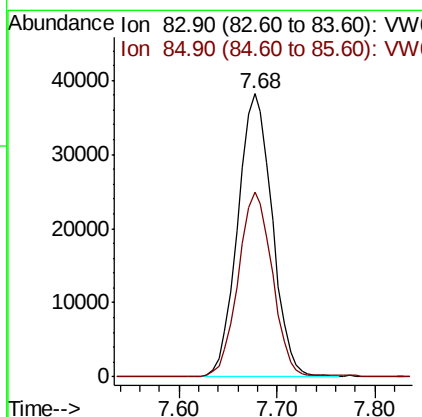
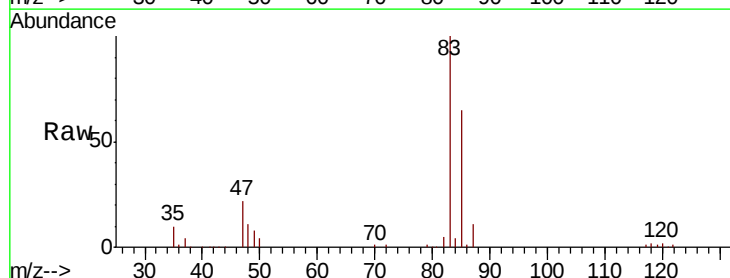
Manual Integrations
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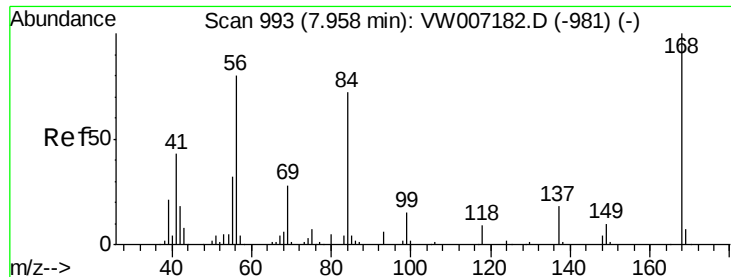
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#30
Chloroform
Concen: 46.798 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.5	77.3





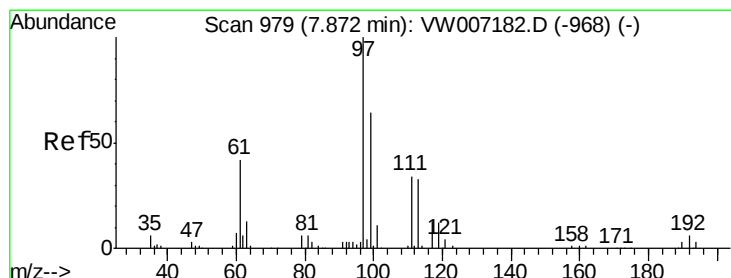
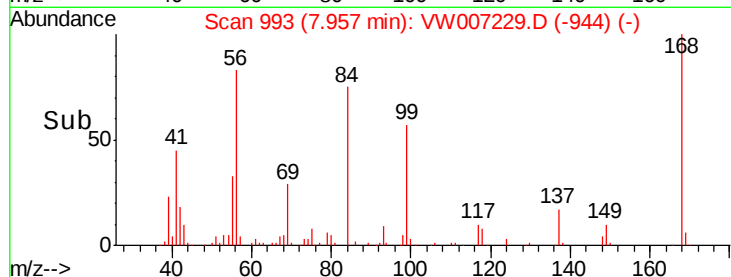
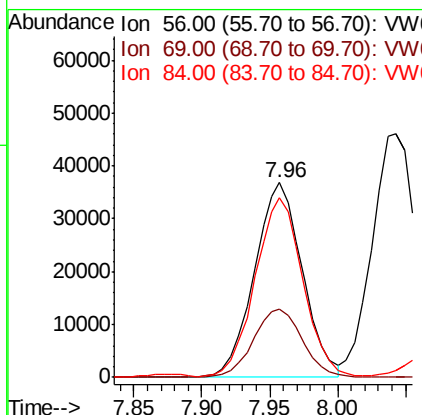
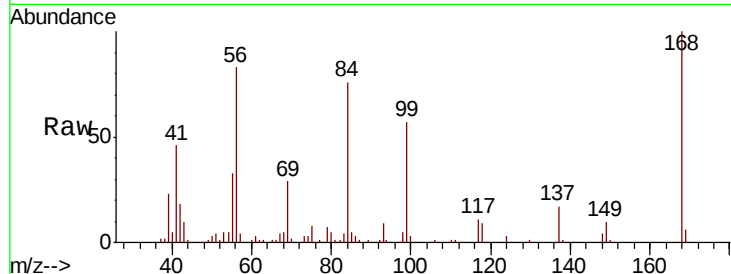
#31
Cyclohexane
Concen: 45.148 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.2	28.2	42.2
84	91.6	72.1	108.1

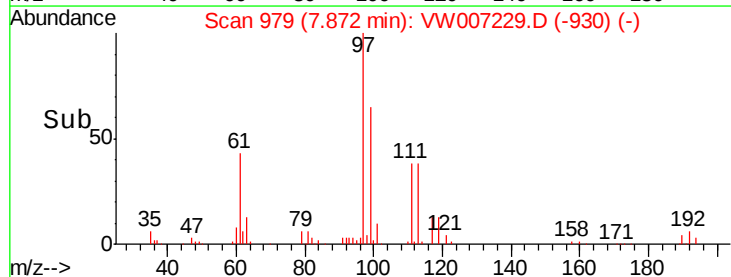
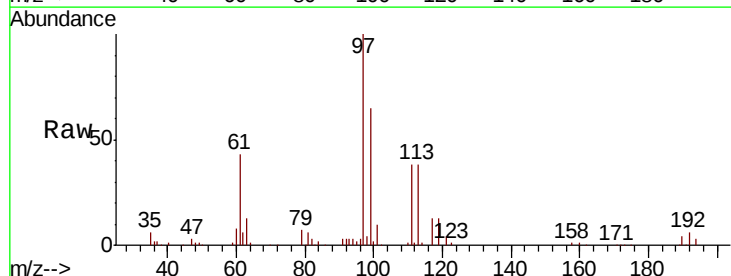
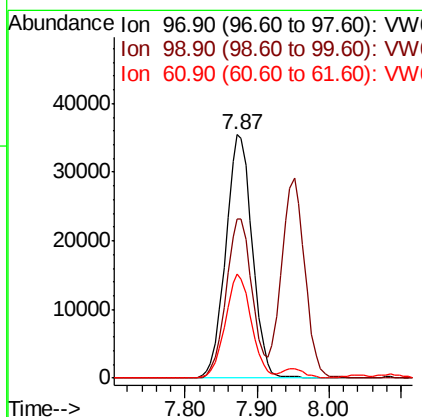
Manual Integrations
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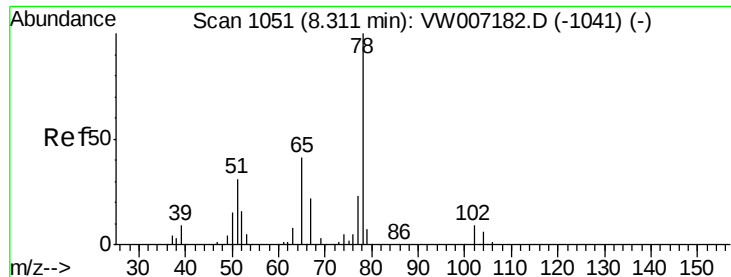
apatel
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#32
1,1,1-Trichloroethane
Concen: 48.243 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.3	76.9
61	42.2	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 46.441 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 46969

Ion Ratio Lower Upper

65 100

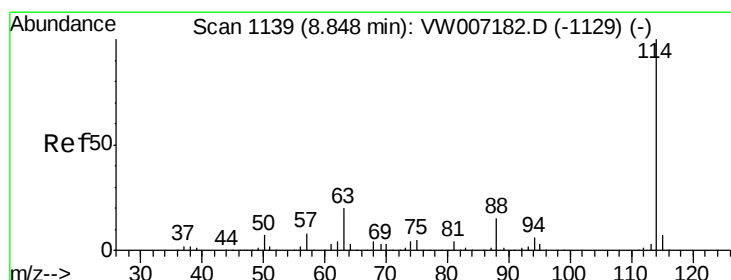
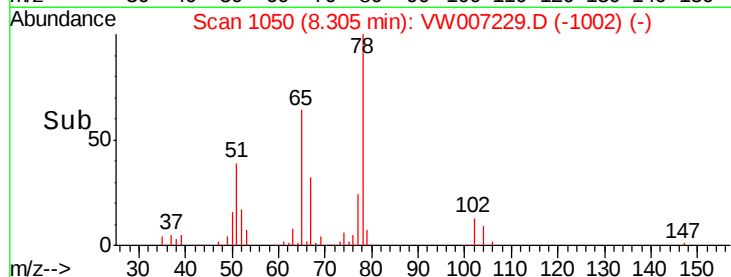
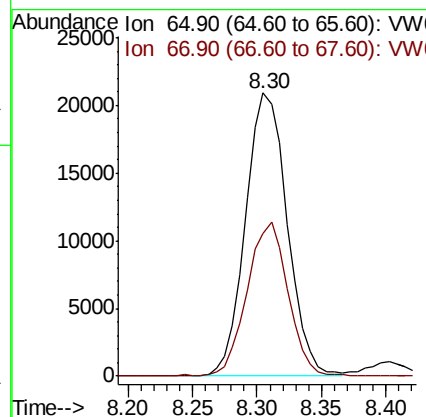
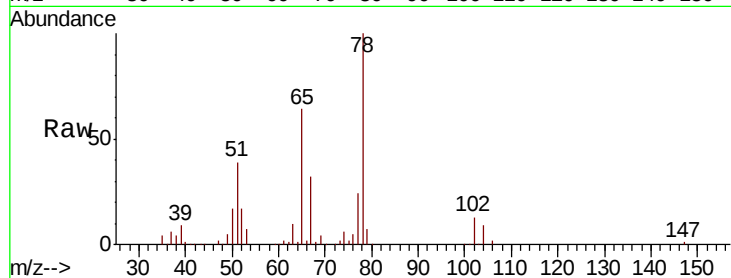
67 53.2 0.0 106.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

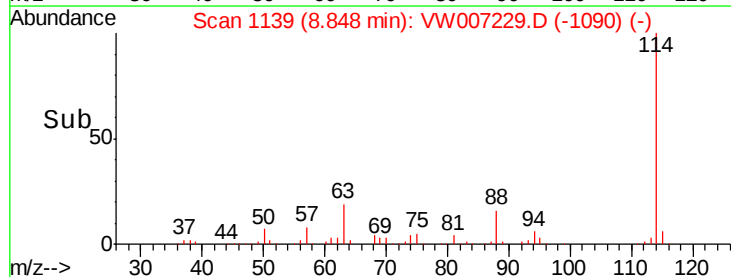
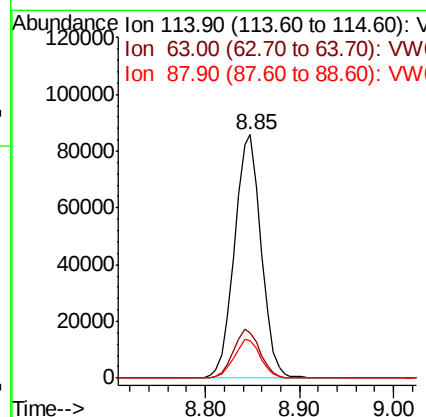
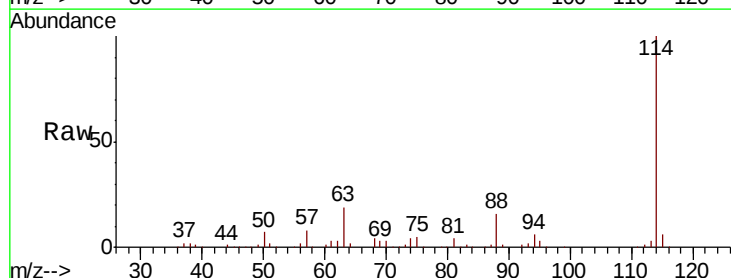
Tgt Ion: 114 Resp: 167970

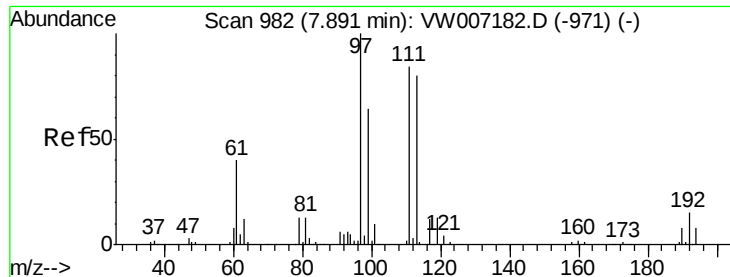
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.2

88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.348 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

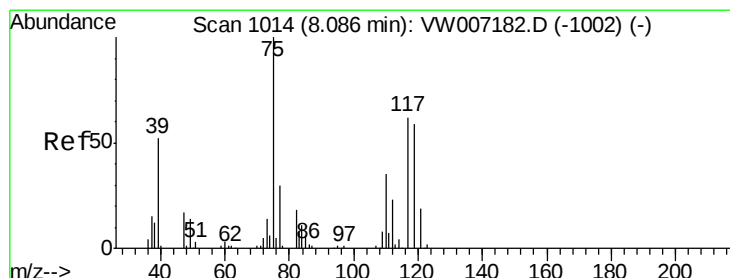
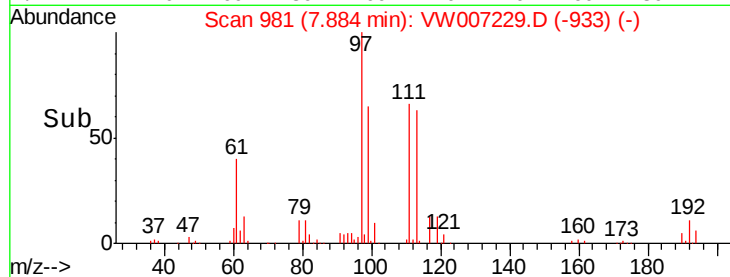
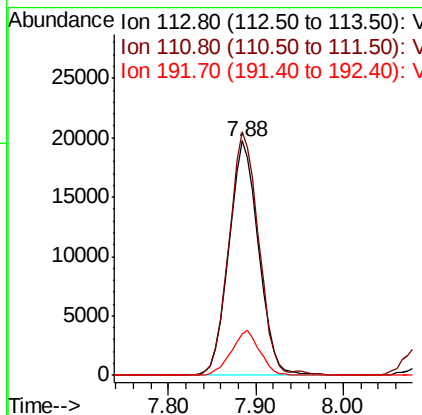
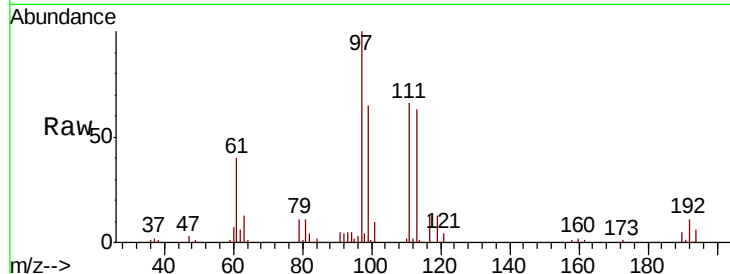
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	46501
Ion Ratio	Lower	Upper	
113	100		
111	104.5	82.2	123.4
192	18.2	14.4	21.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.018 ug/l

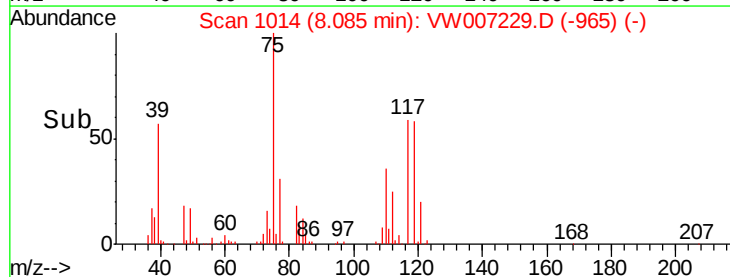
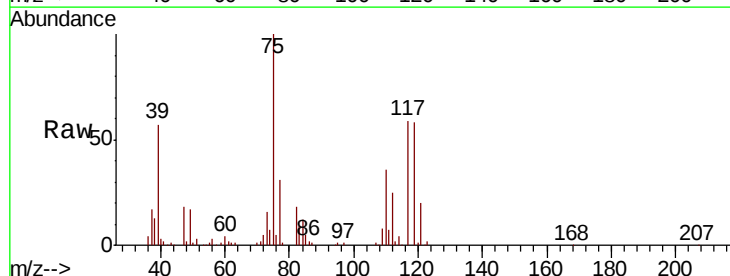
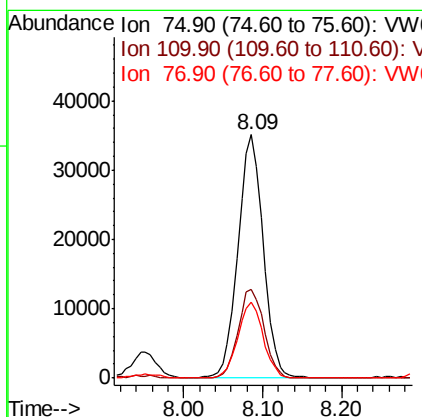
RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Tgt Ion:	75	Resp:	78479
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.3	54.9
77	31.3	24.9	37.3





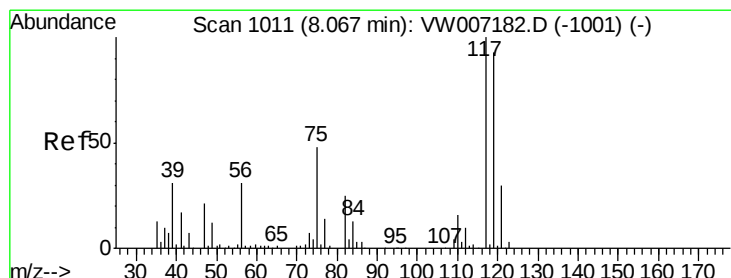
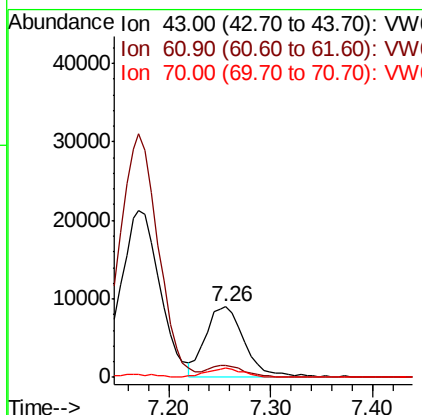
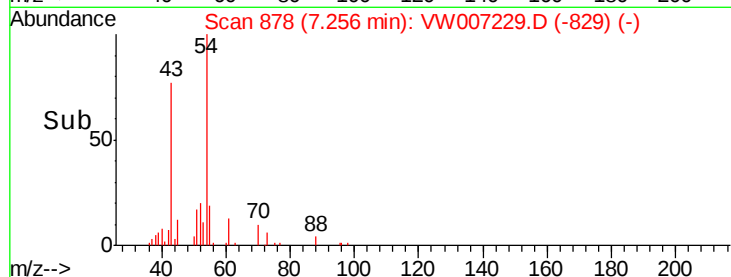
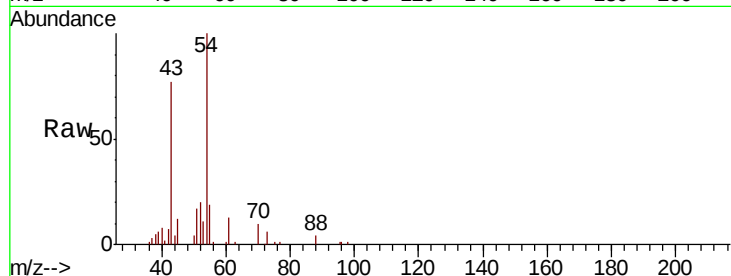
#37
Ethyl Acetate
Concen: 39.757 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.1	18.1
70	12.0	9.1	13.7

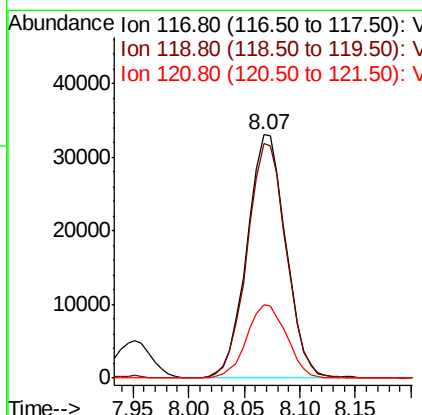
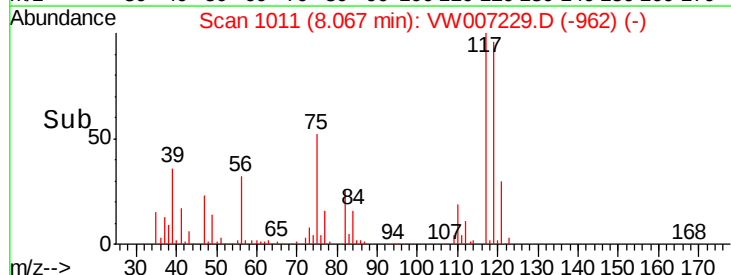
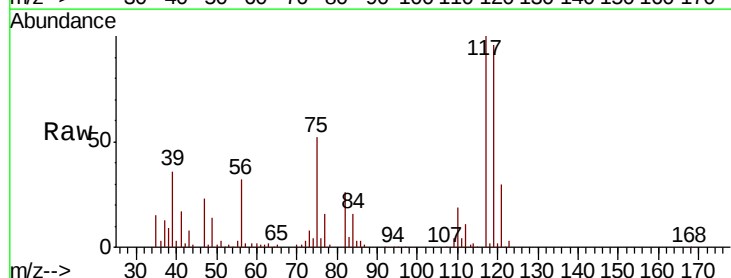
Manual Integrations
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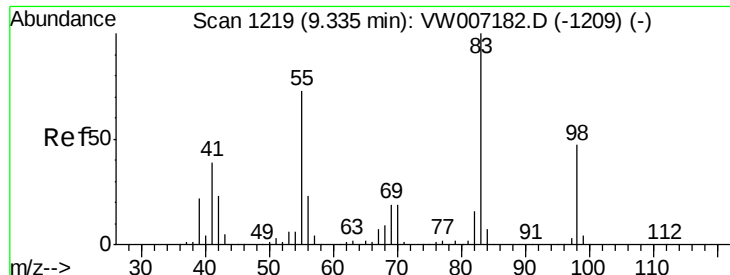
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#38
Carbon Tetrachloride
Concen: 48.089 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.1	111.1
121	30.0	23.9	35.9





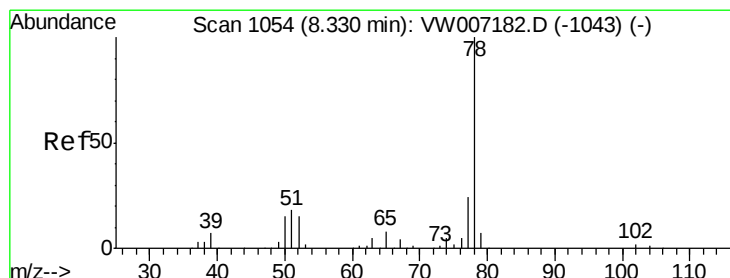
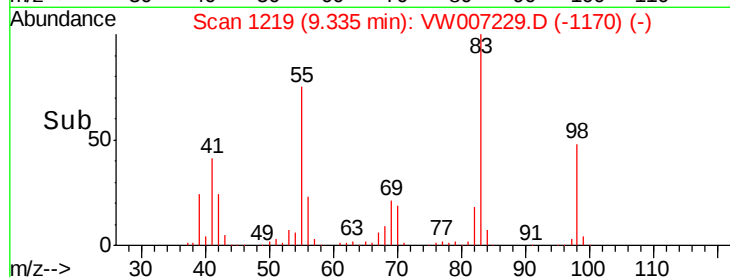
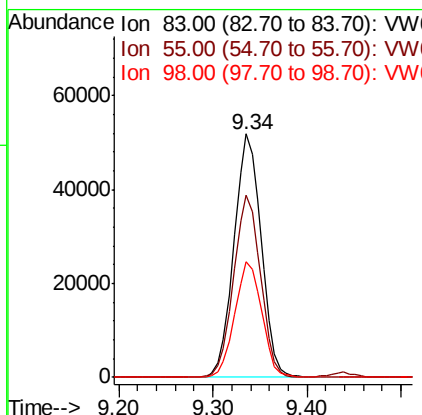
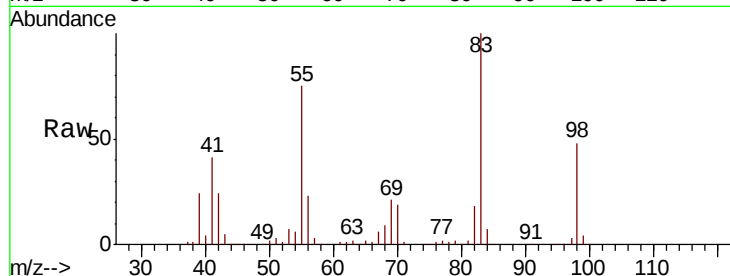
#39
Methylcyclohexane
Concen: 47.611 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.6	58.1	87.1
98	47.6	37.3	55.9

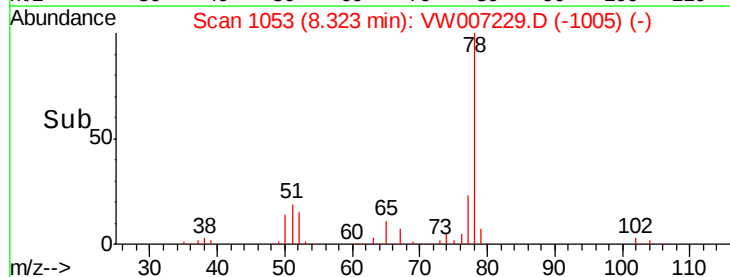
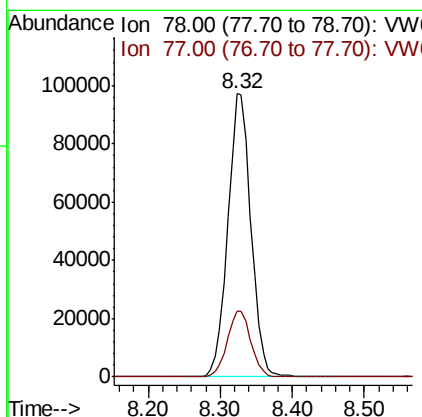
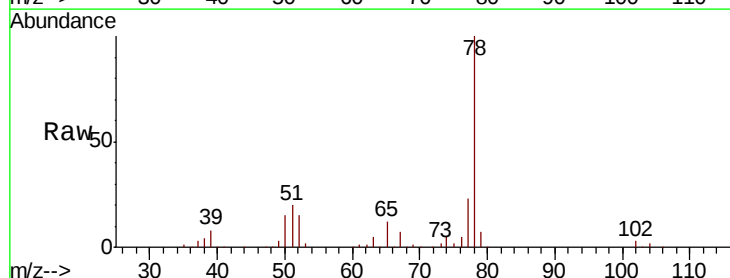
Manual Integrations
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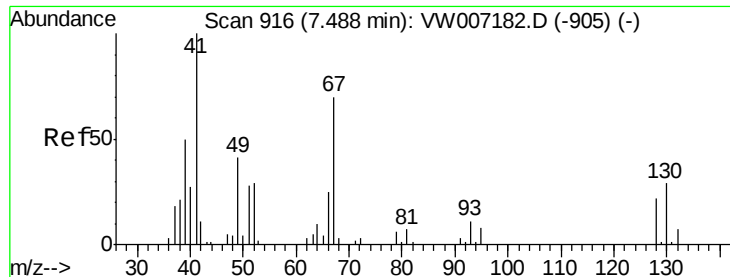
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#40
Benzene
Concen: 48.394 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3





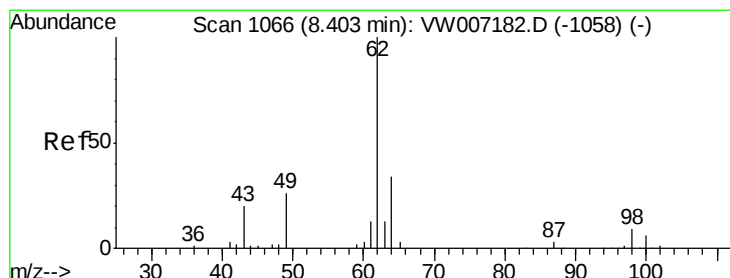
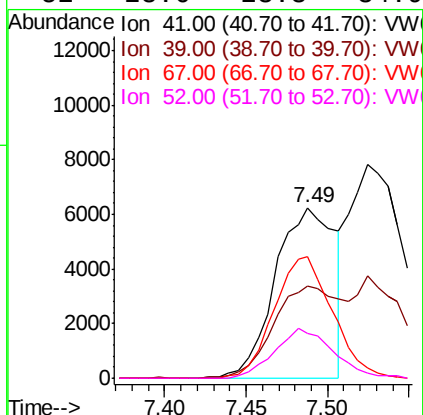
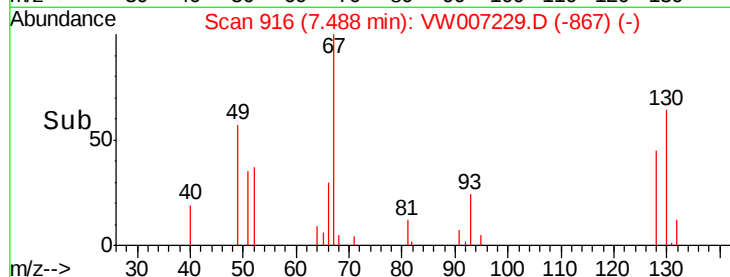
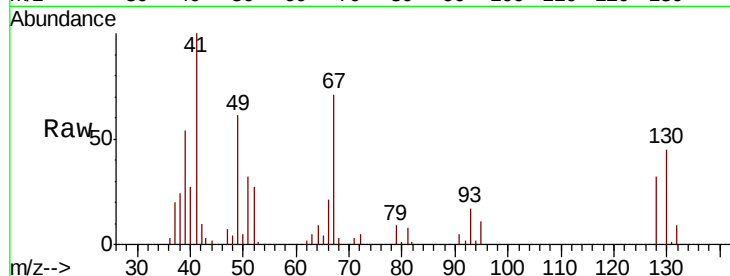
#41
Methacrylonitrile
Concen: 44.926 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.5	43.4	65.0
67	69.3	57.4	86.0
52	28.6	23.3	34.9

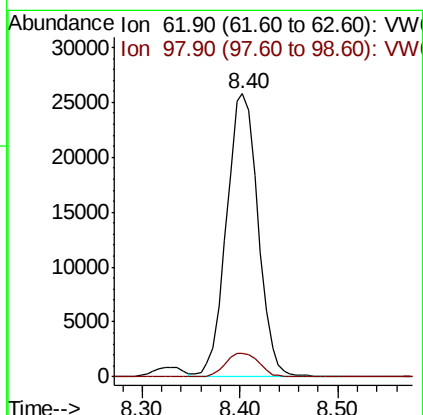
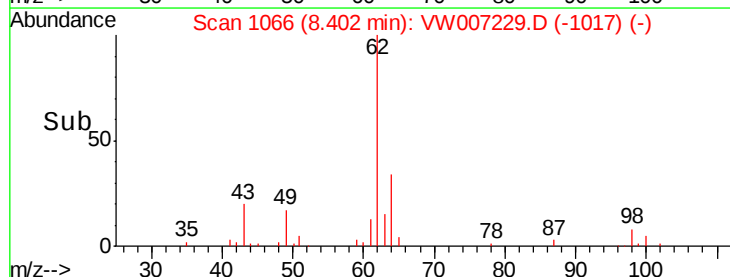
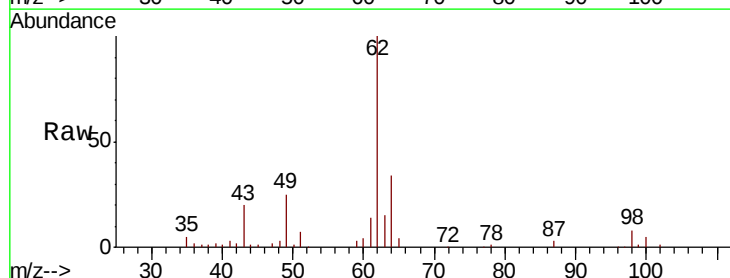
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 46.101 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8





#43

Isopropyl Acetate

Concen: 42.107 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

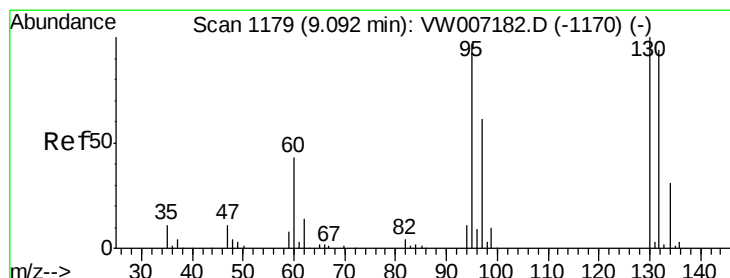
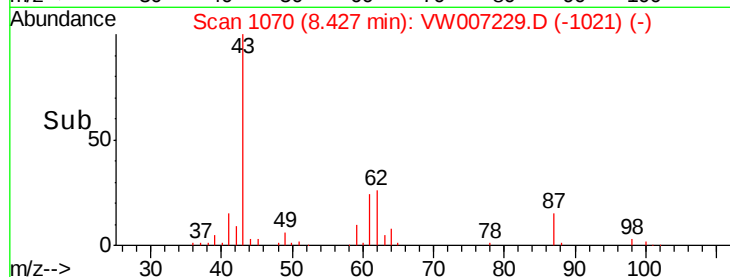
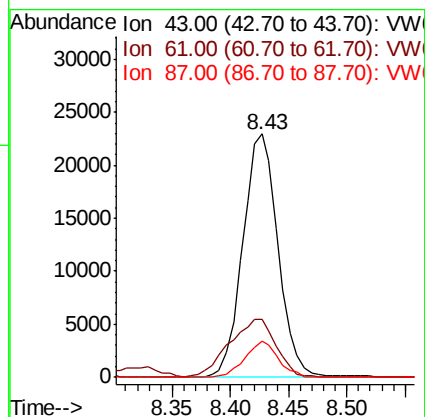
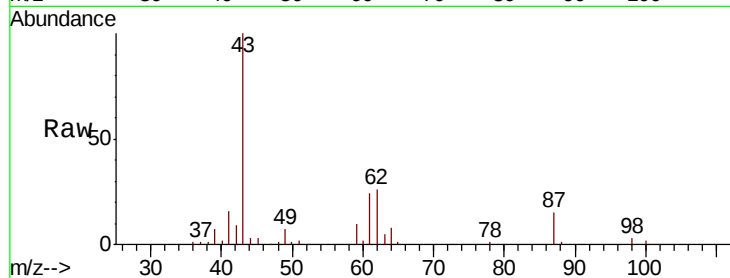
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	48348
Ion	Ratio	Lower	Upper
43	100		
61	31.6	25.4	38.0
87	14.2	11.4	17.0

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#44

Trichloroethene

Concen: 49.063 ug/l

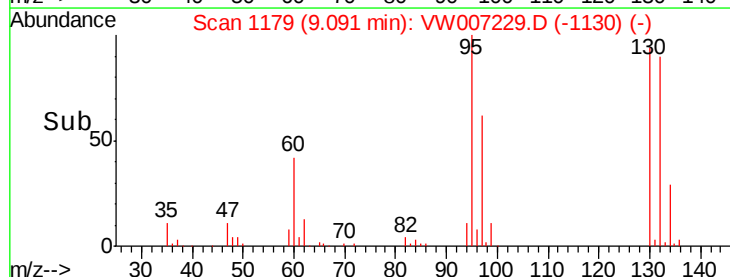
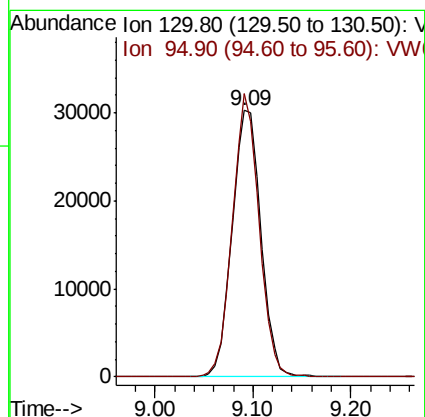
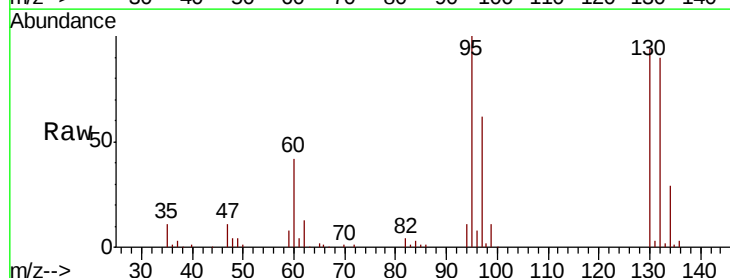
RT: 9.09 min Scan# 1179

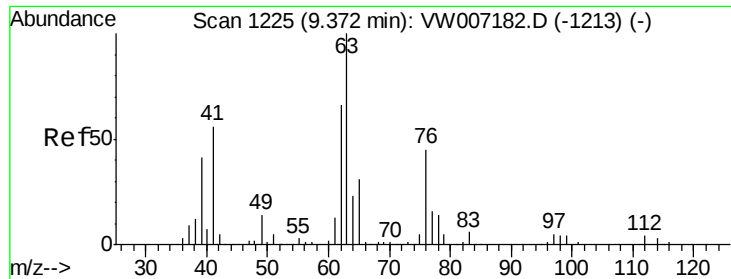
Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Tgt Ion:	130	Resp:	61807
Ion	Ratio	Lower	Upper
130	100		
95	106.2	0.0	194.0





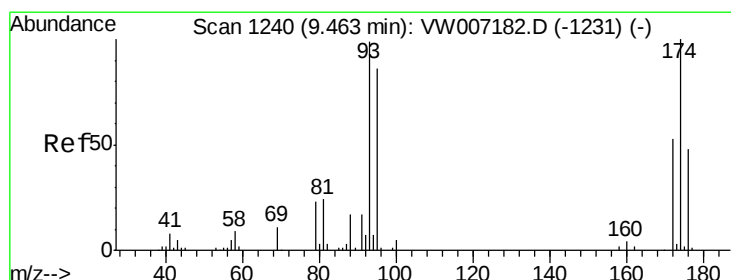
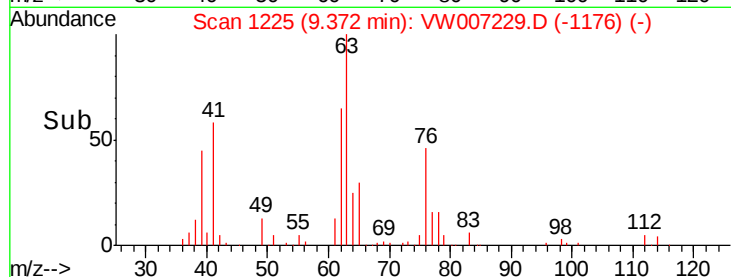
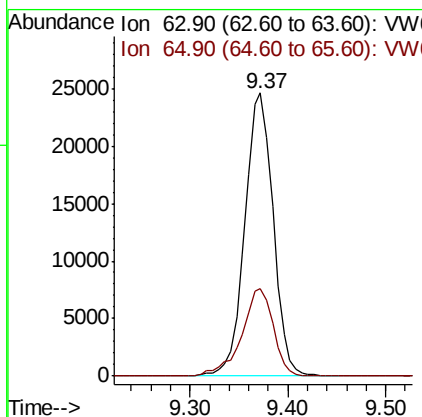
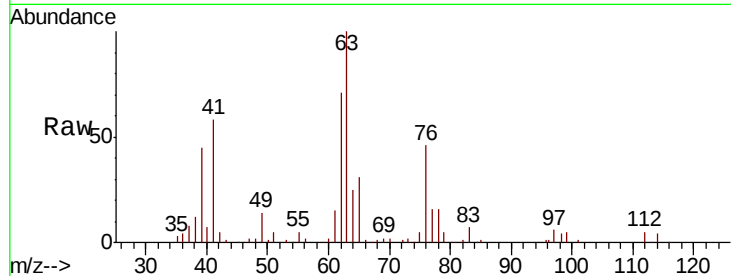
#45
 1,2-Dichloropropane
 Concen: 47.572 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion: 63 Resp: 49614
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.4

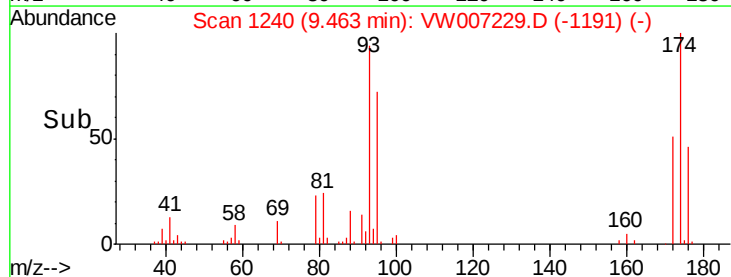
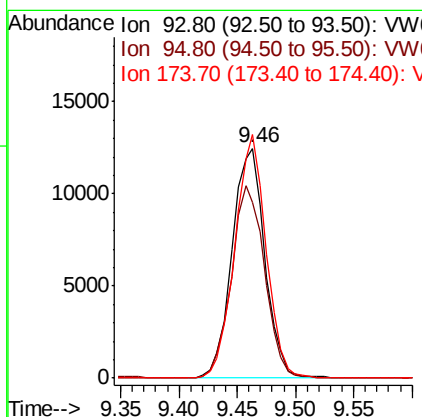
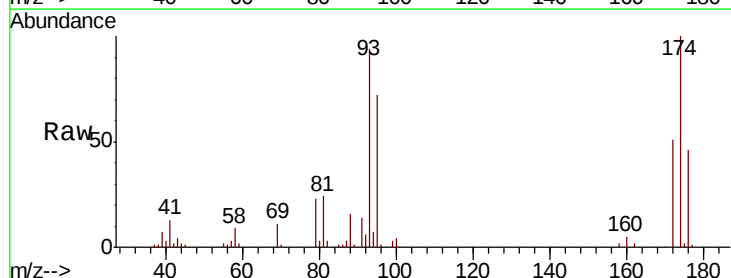
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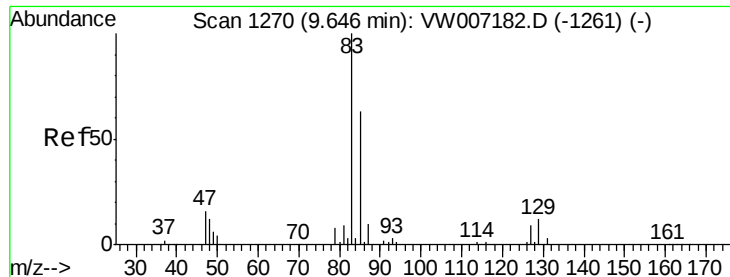
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#46
 Dibromomethane
 Concen: 45.078 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion: 93 Resp: 24429
 Ion Ratio Lower Upper
 93 100
 95 84.5 68.7 103.1
 174 101.0 82.9 124.3





#47

Bromodichloromethane

Concen: 46.788 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

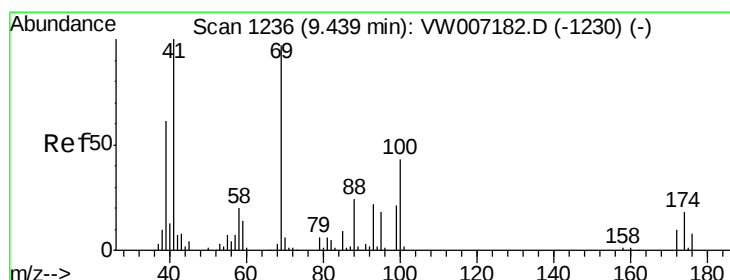
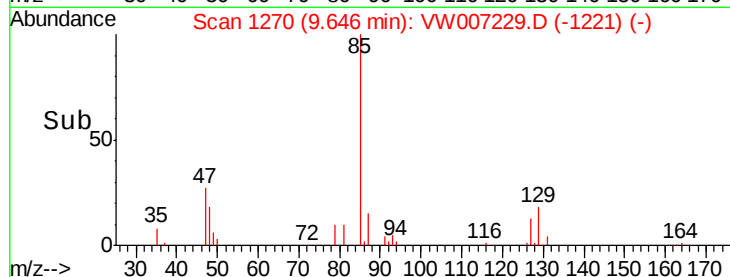
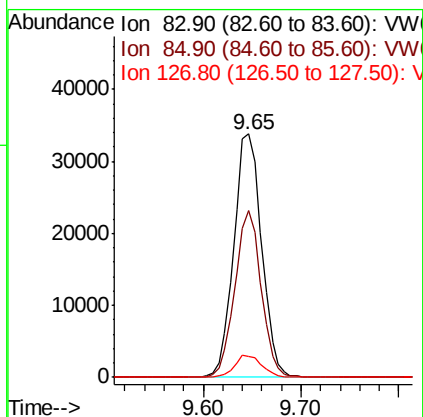
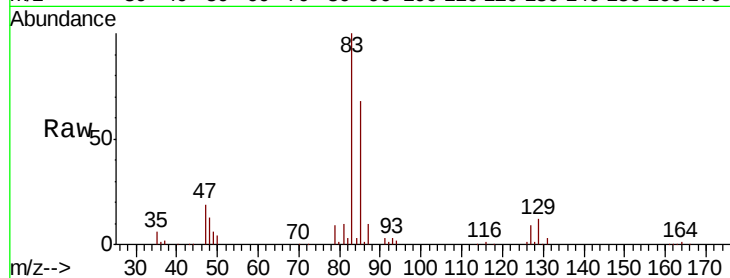
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	66697
Ion Ratio	Lower	Upper	
83	100		
85	68.4	50.6	76.0
127	8.7	7.3	10.9

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#48

Methyl methacrylate

Concen: 45.072 ug/l

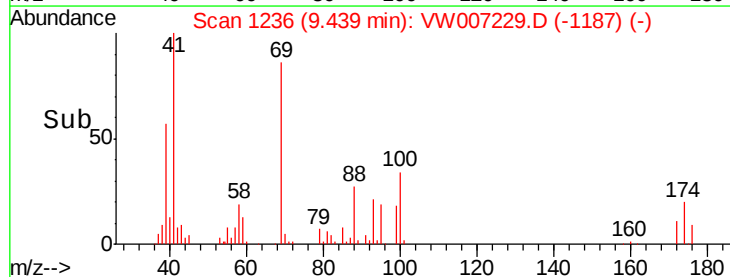
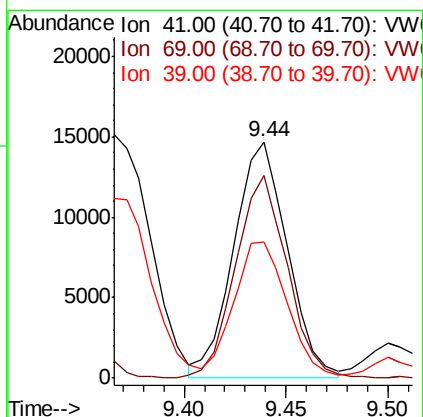
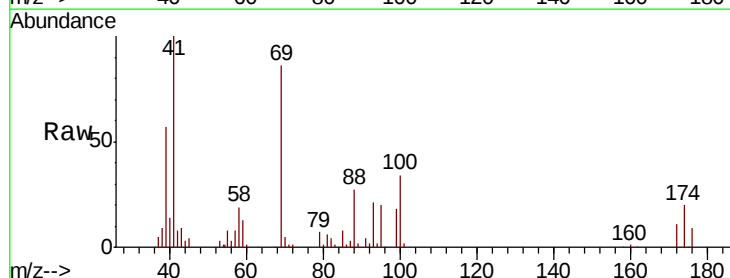
RT: 9.44 min Scan# 1236

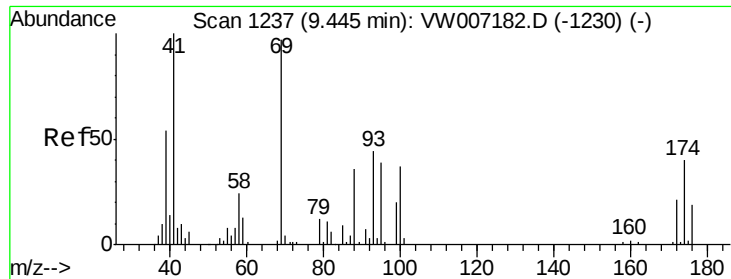
Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Tgt Ion:	41	Resp:	26860
Ion Ratio	Lower	Upper	
41	100		
69	81.6	69.6	104.4
39	54.3	42.4	63.6





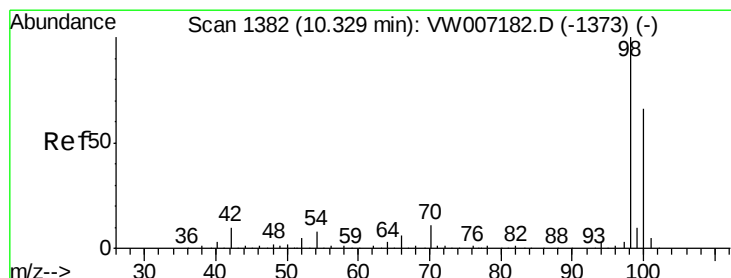
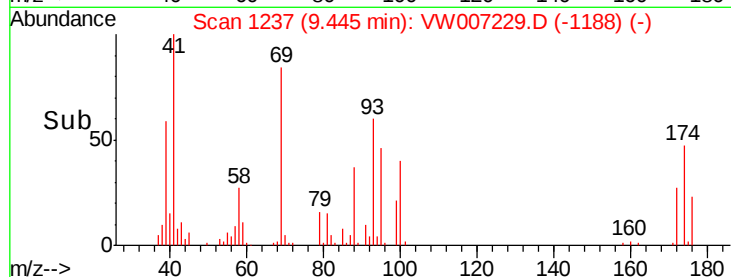
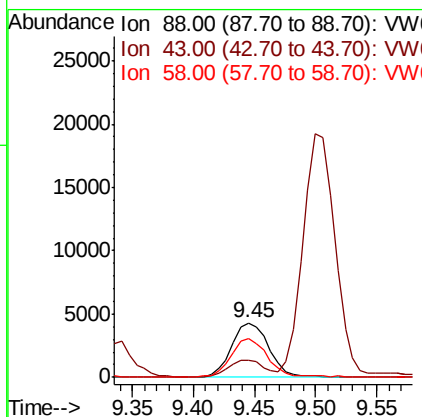
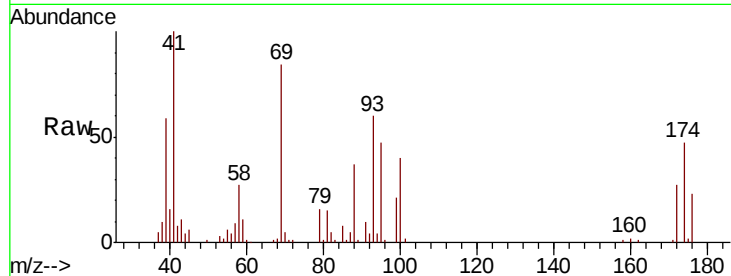
#49
1,4-Dioxane
Concen: 963.983 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 9126
Ion Ratio Lower Upper
88 100
43 31.5 25.8 38.8
58 71.2 58.9 88.3

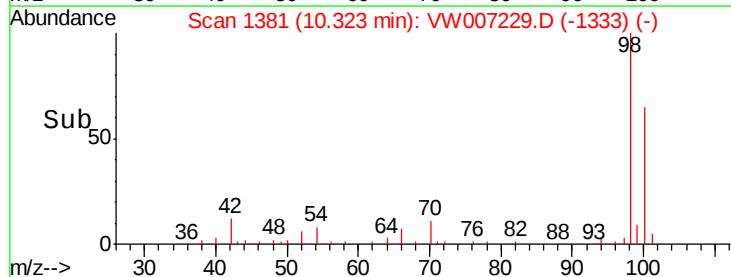
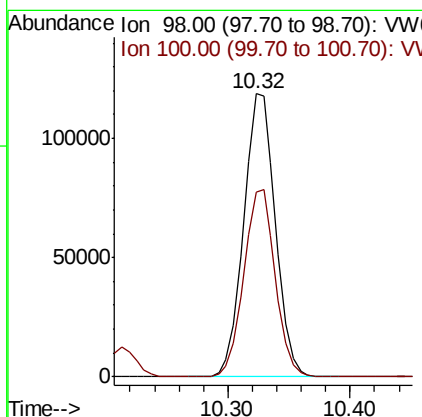
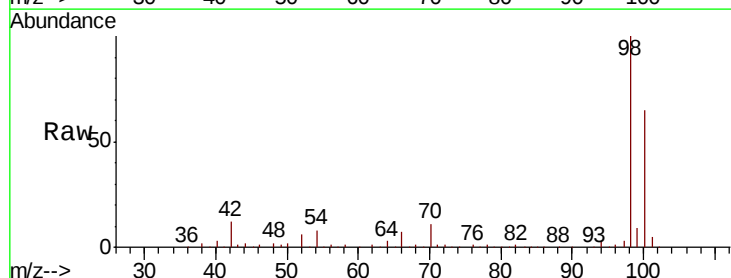
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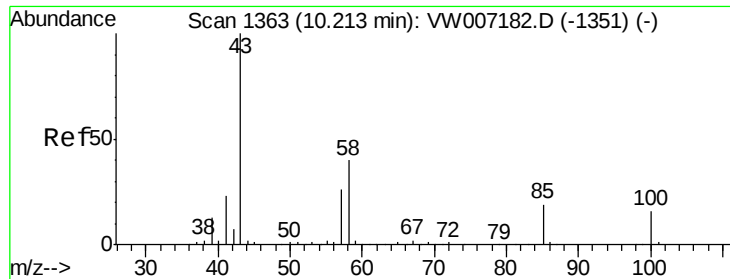
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#50
Toluene-d8
Concen: 50.386 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 98 Resp: 213469
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1





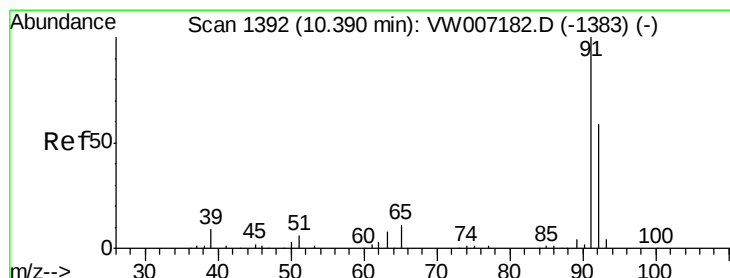
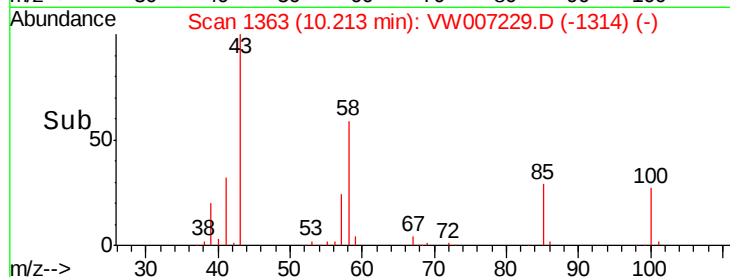
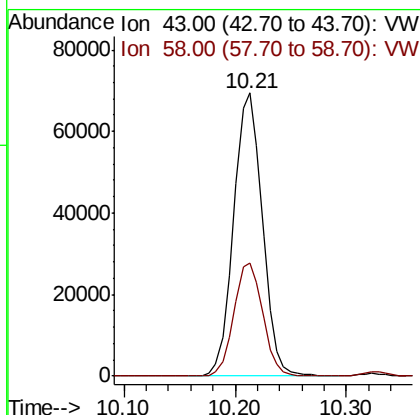
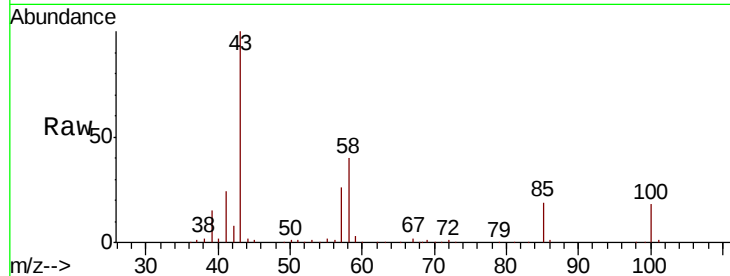
#51
 4-Methyl-2-Pentanone
 Concen: 218.917 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion: 43 Resp: 123873
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.3 48.5

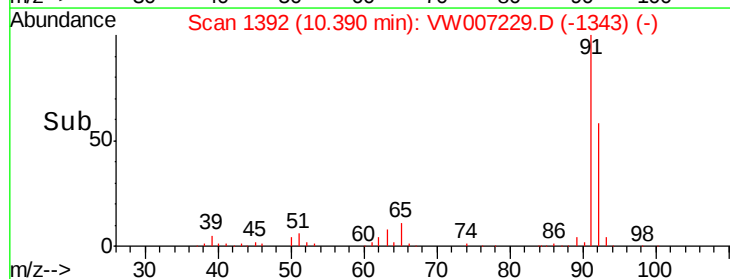
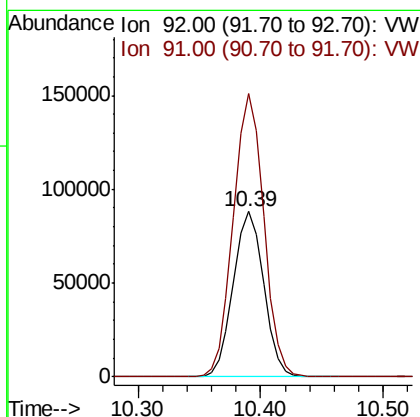
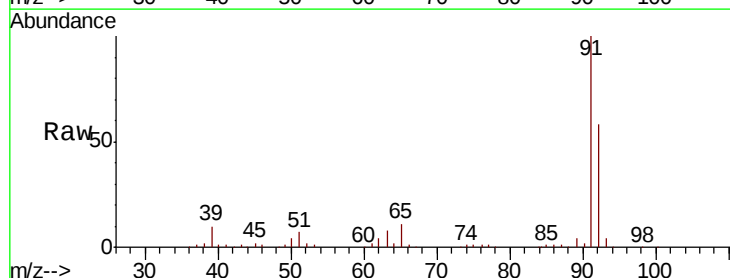
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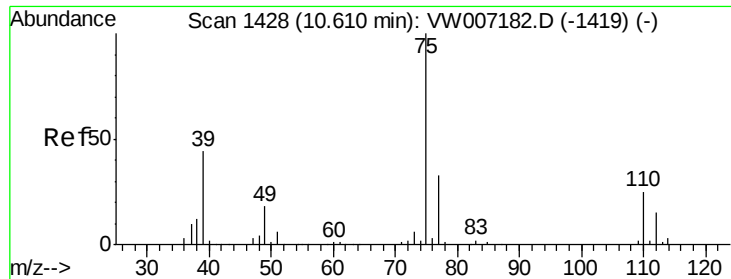
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#52
 Toluene
 Concen: 48.804 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion: 92 Resp: 152149
 Ion Ratio Lower Upper
 92 100
 91 171.9 136.0 204.0





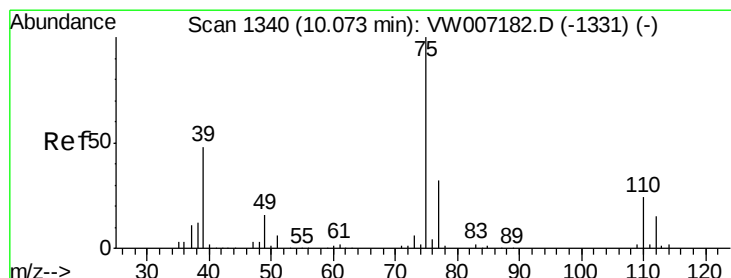
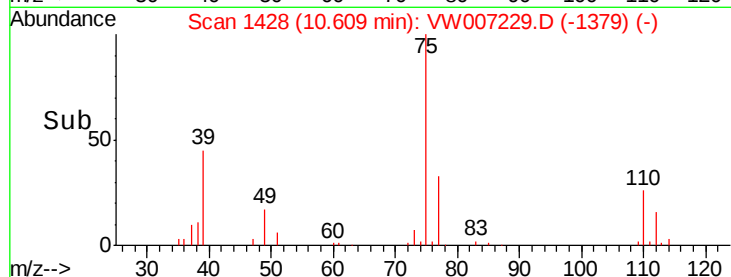
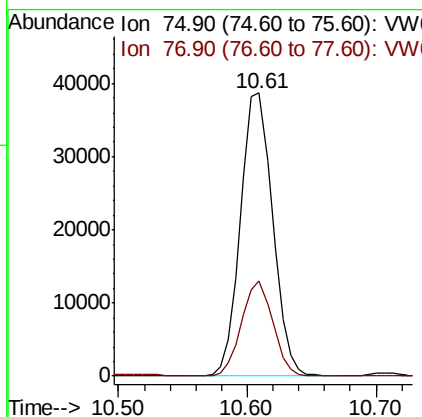
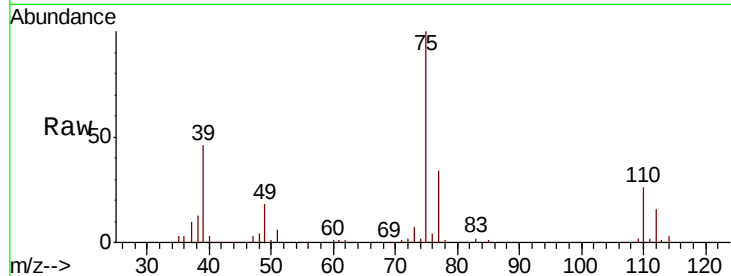
#53
 t-1,3-Dichloropropene
 Concen: 46.795 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 67067
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.2 39.2

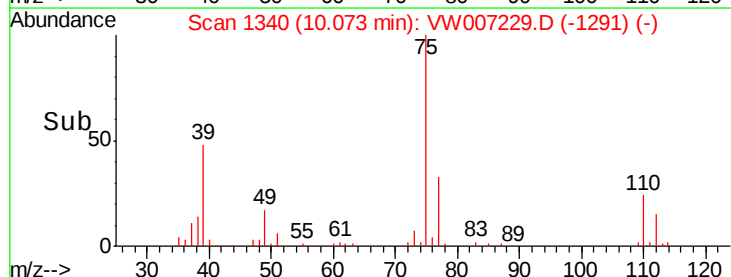
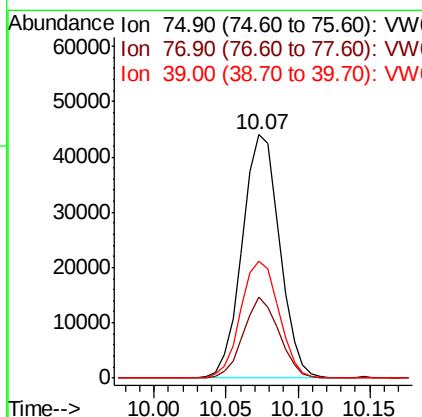
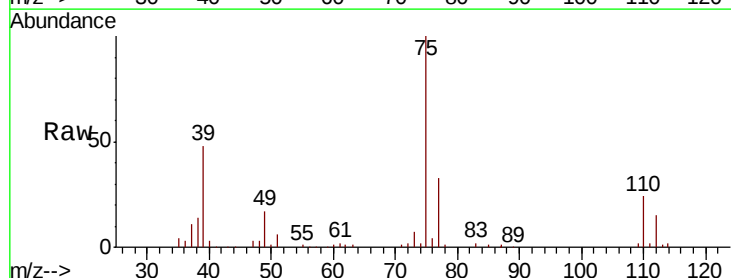
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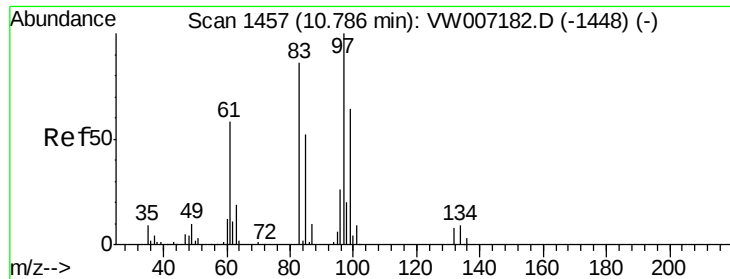
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#54
 cis-1,3-Dichloropropene
 Concen: 47.251 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion: 75 Resp: 79362
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.0 39.0
 39 47.9 38.0 57.0





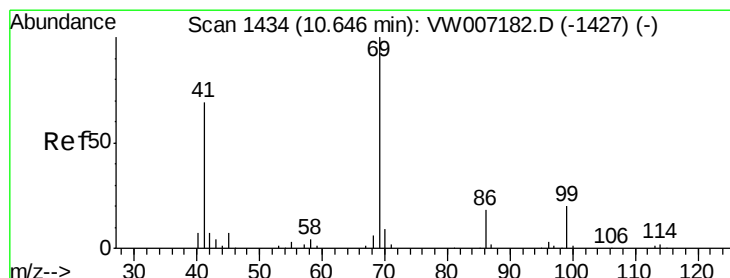
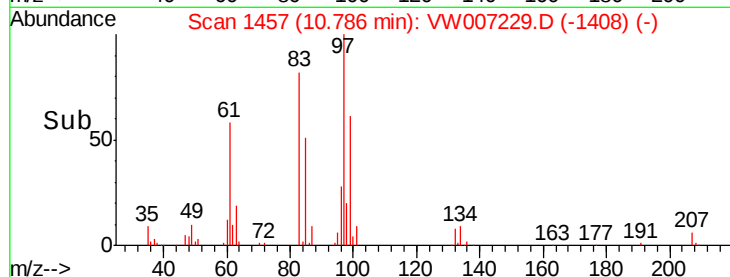
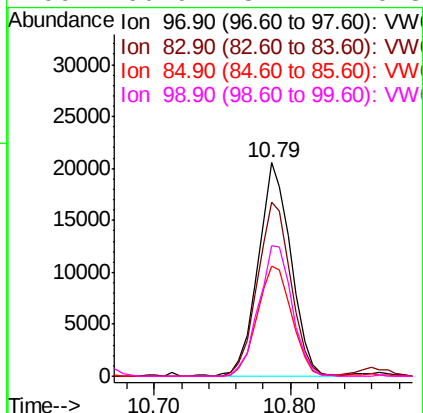
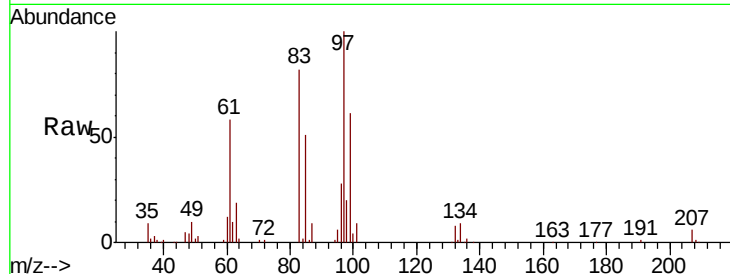
#55
 1,1,2-Trichloroethane
 Concen: 45.334 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	34946
Ion	Ratio	Lower	Upper
97	100		
83	81.7	68.6	102.8
85	51.4	41.4	62.2
99	60.9	51.2	76.8

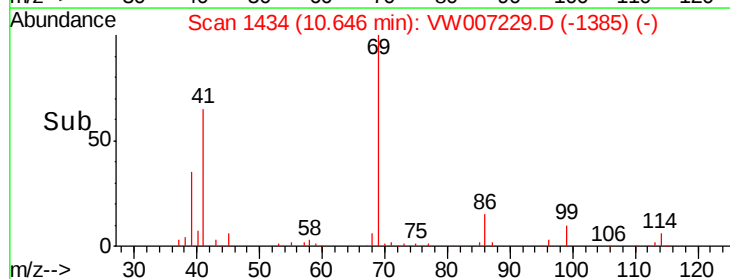
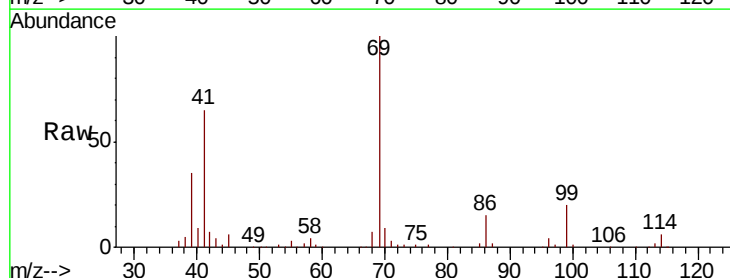
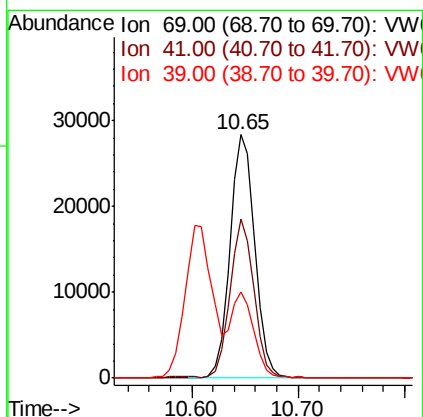
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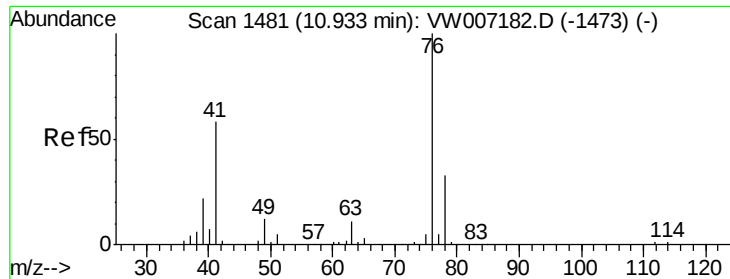
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#56
 Ethyl methacrylate
 Concen: 45.959 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion:	69	Resp:	46213
Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.8	77.6
39	34.4	28.7	43.1





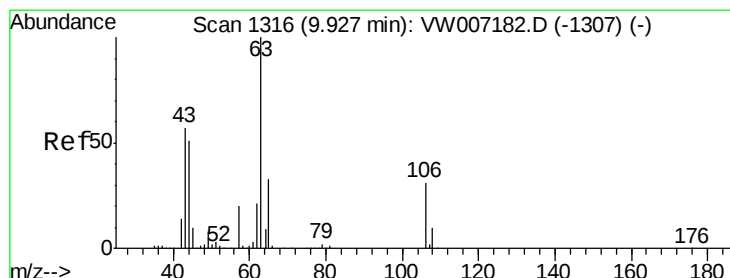
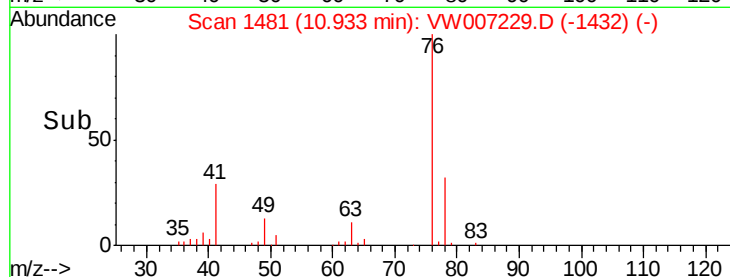
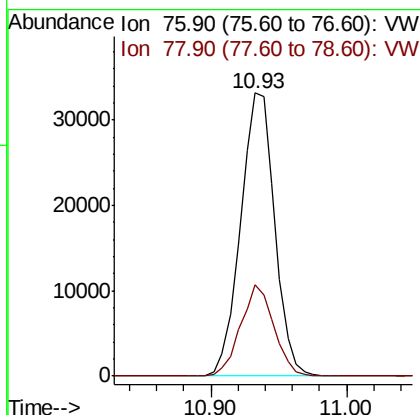
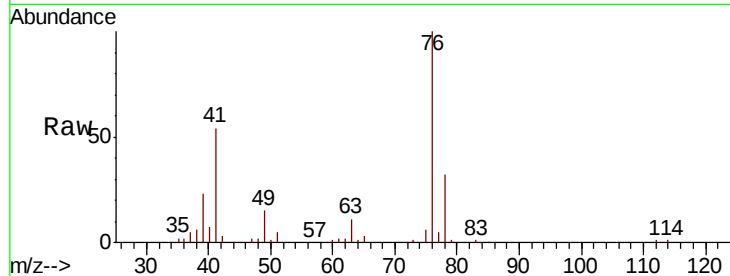
#57
 1,3-Dichloropropane
 Concen: 44.572 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 58007
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.6 40.0

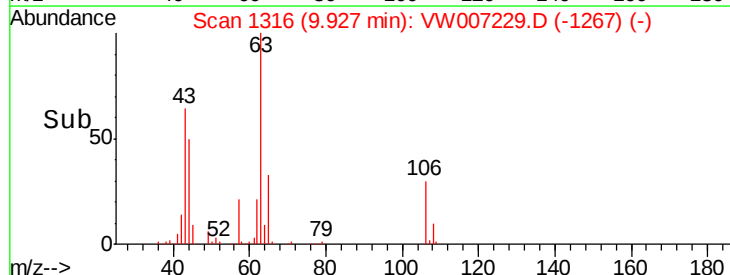
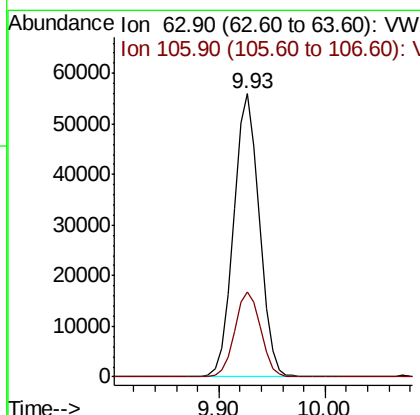
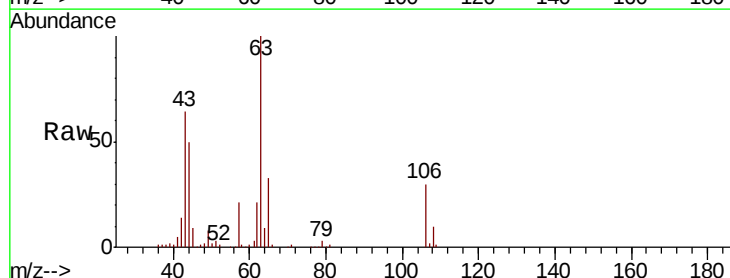
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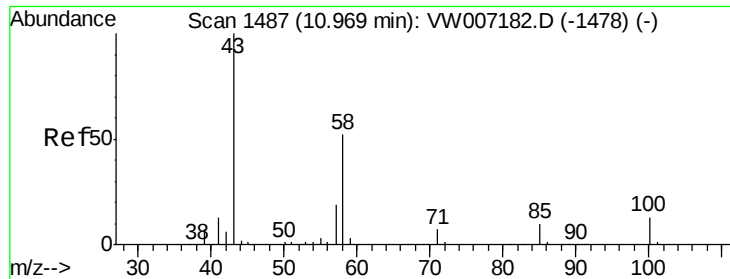
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#58
 2-Chloroethyl Vinyl ether
 Concen: 235.599 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion: 63 Resp: 95155
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.1 36.1





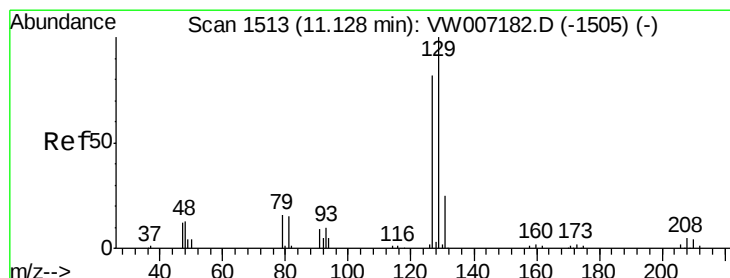
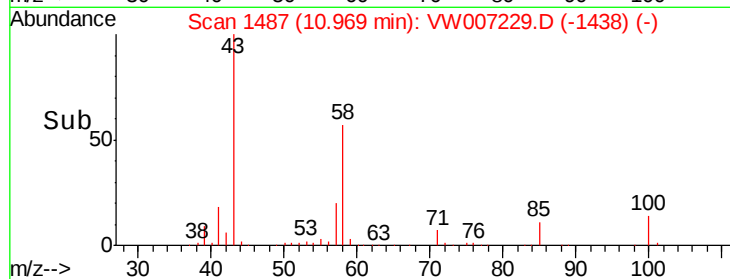
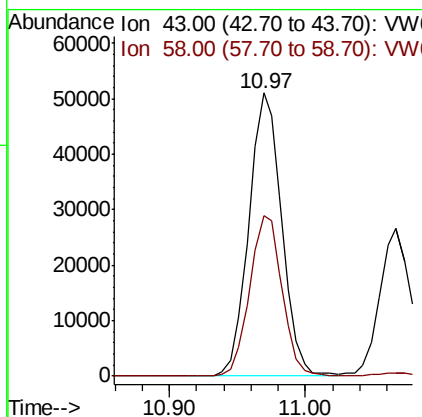
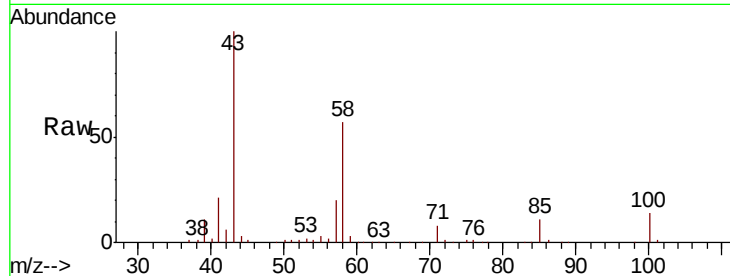
#59
2-Hexanone
Concen: 210.536 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 86360
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.4

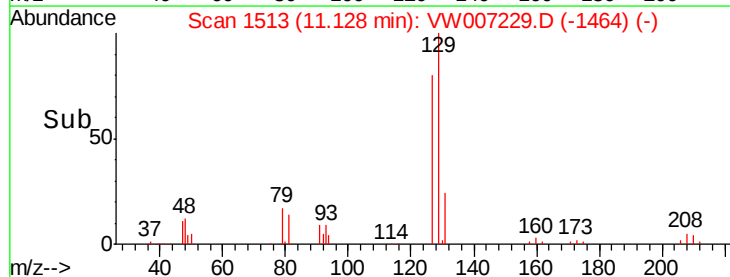
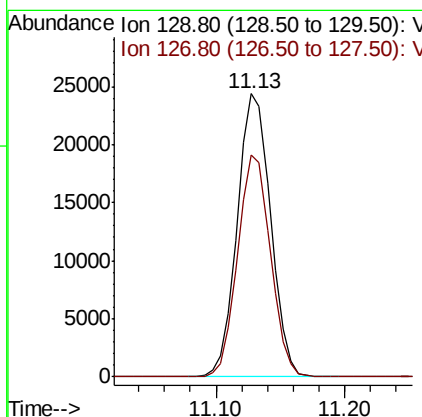
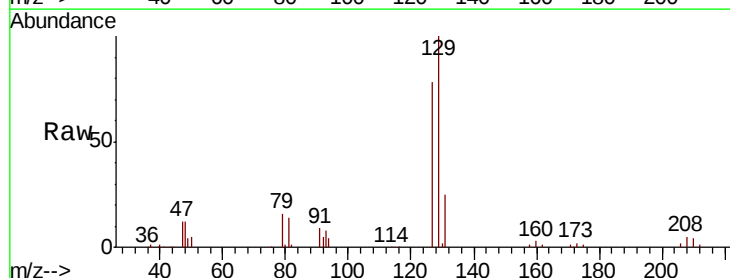
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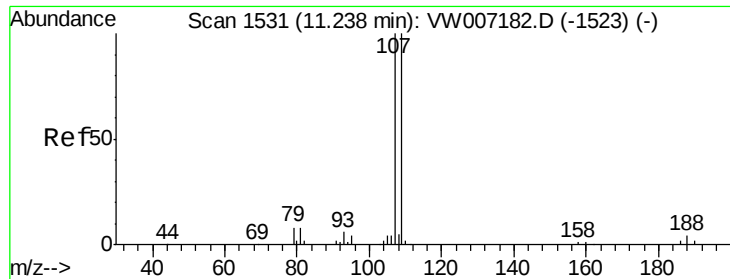
apatel
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#60
Dibromochloromethane
Concen: 46.119 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 129 Resp: 43694
Ion Ratio Lower Upper
129 100
127 77.2 39.8 119.4





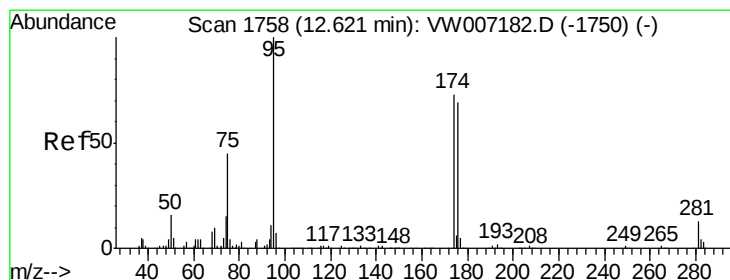
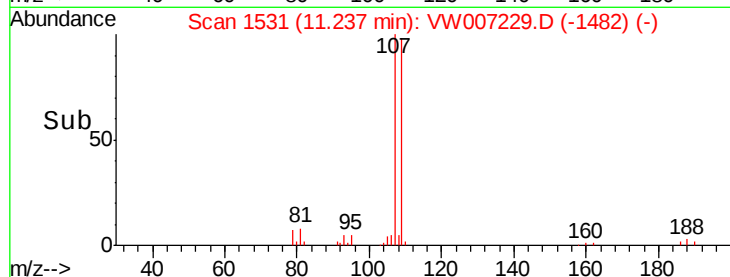
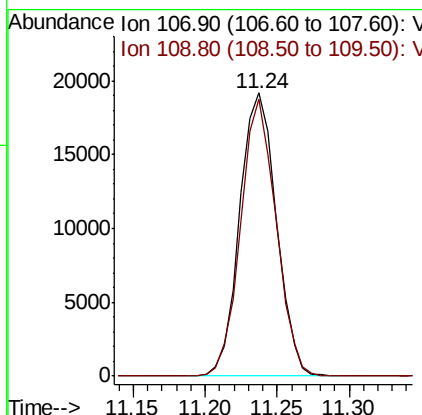
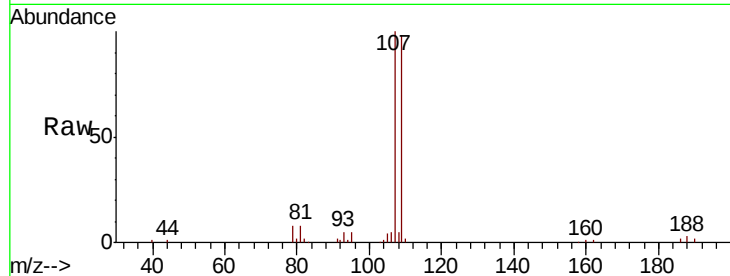
#61
 1,2-Dibromoethane
 Concen: 45.833 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 33887
 Ion Ratio Lower Upper
 107 100
 109 94.4 77.3 115.9

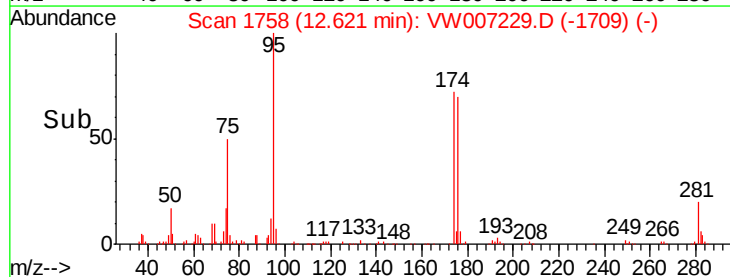
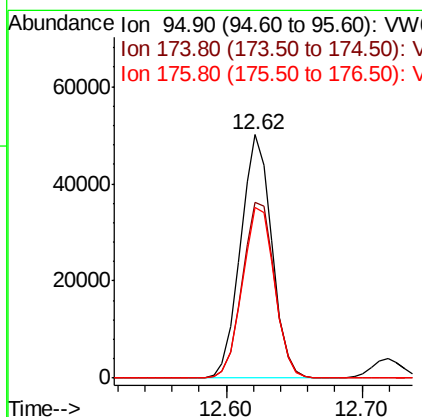
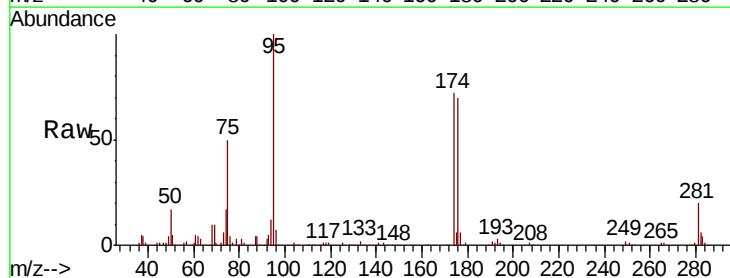
Manual Integrations
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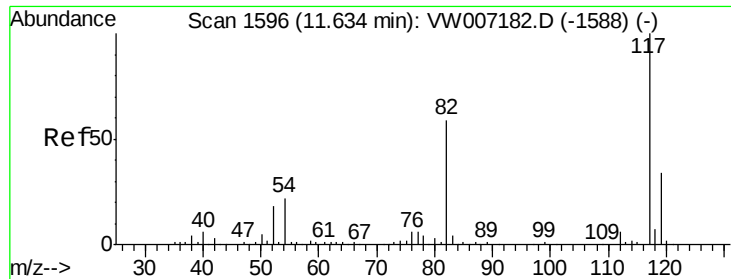
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.190 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion: 95 Resp: 80259
 Ion Ratio Lower Upper
 95 100
 174 74.7 0.0 148.0
 176 72.5 0.0 139.4





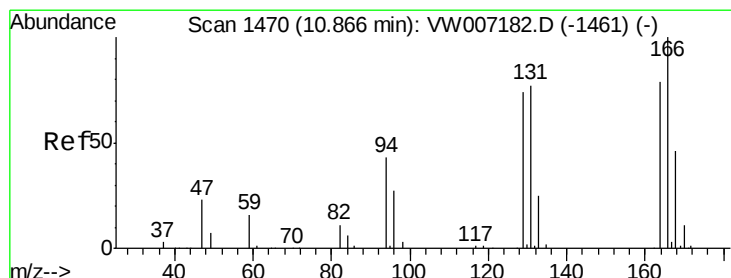
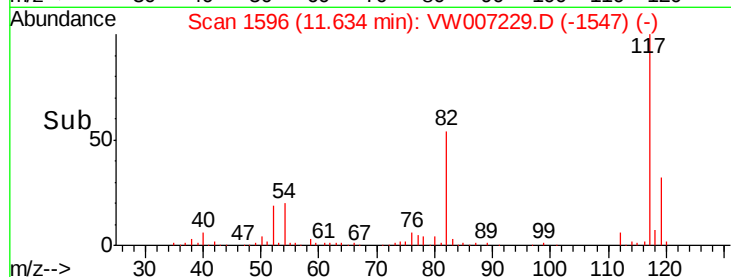
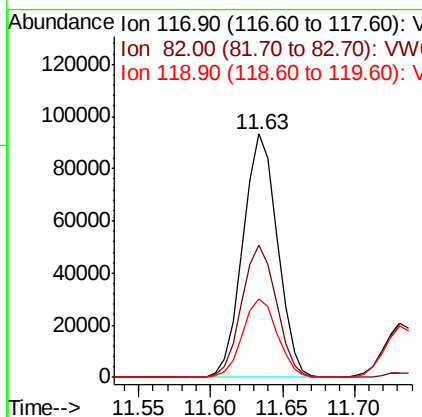
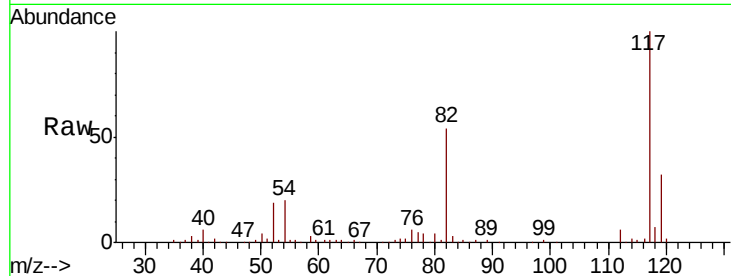
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.3	47.4	71.2
119	32.3	26.8	40.2

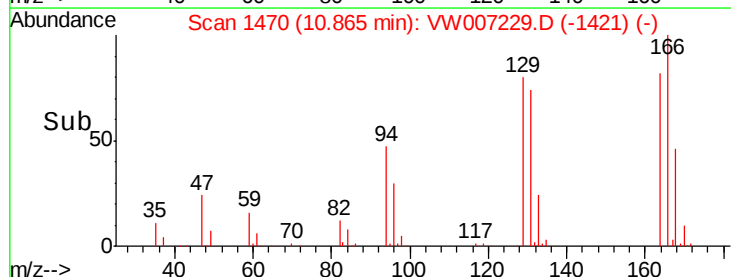
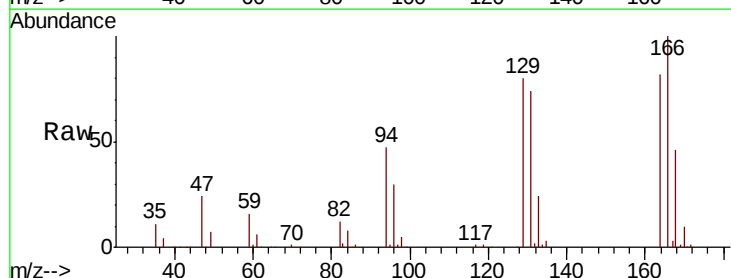
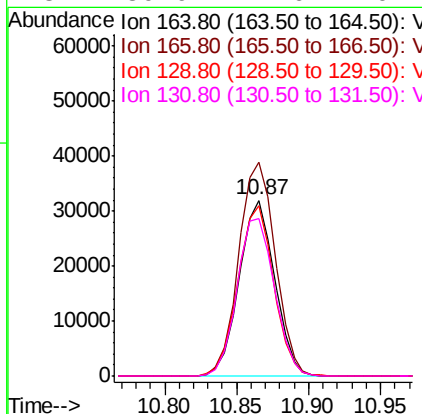
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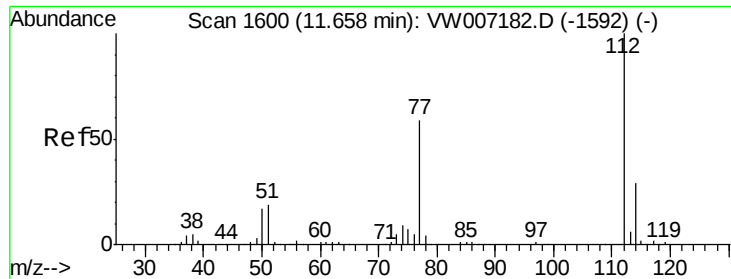
apatel
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#64
Tetrachloroethene
Concen: 47.891 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.7	101.0	151.4
129	97.4	74.6	111.8
131	89.9	77.6	116.4





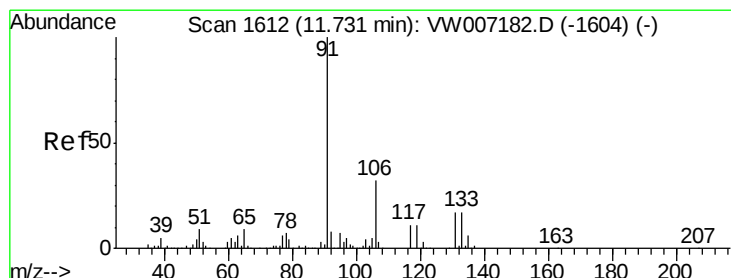
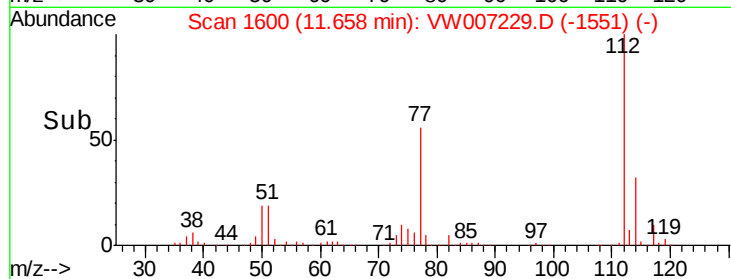
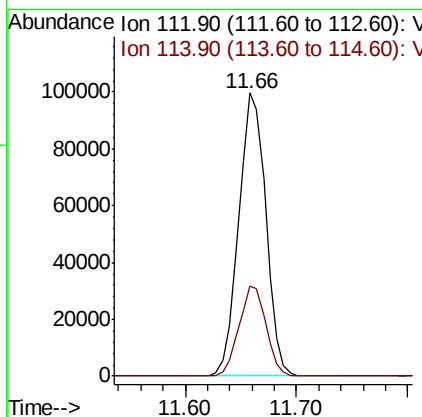
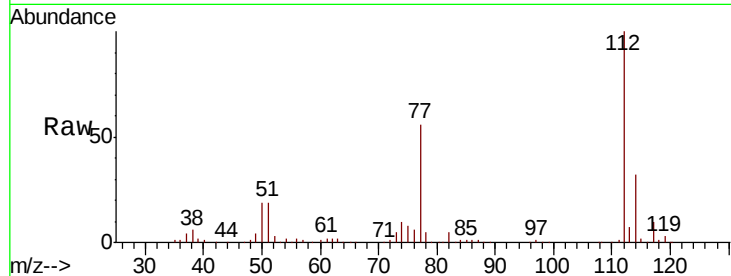
#65
Chlorobenzene
Concen: 48.400 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 168118
Ion Ratio Lower Upper
112 100
114 31.6 23.0 34.4

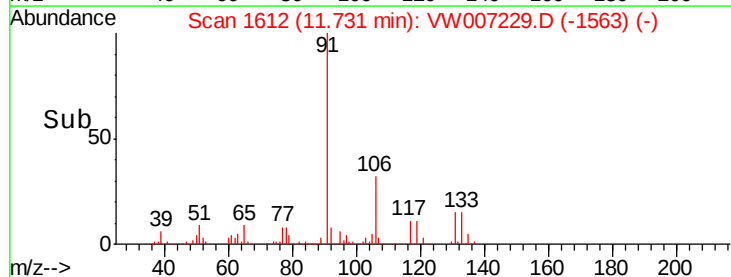
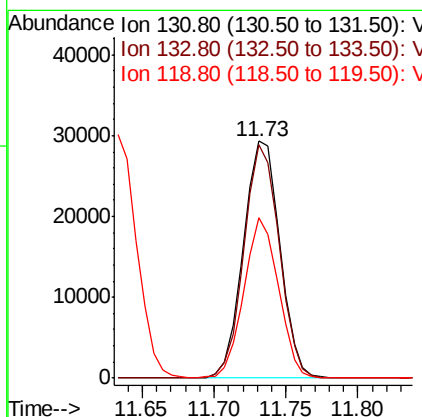
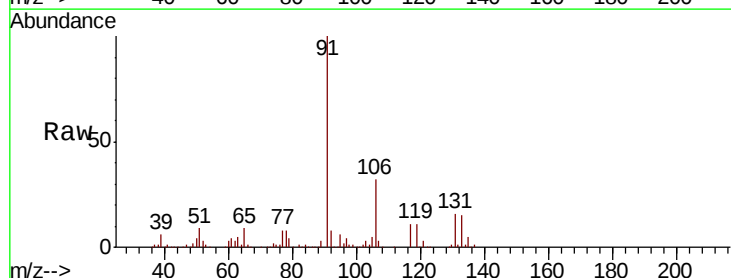
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.895 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion:131 Resp: 51379
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 64.1 32.8 98.4





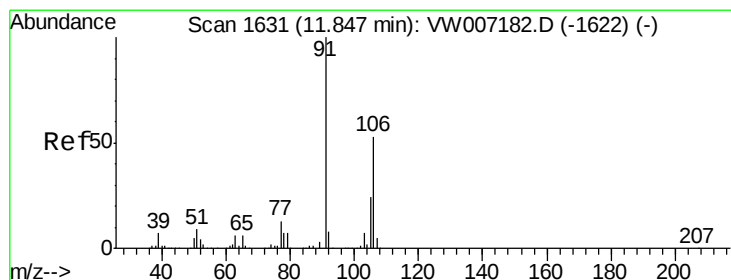
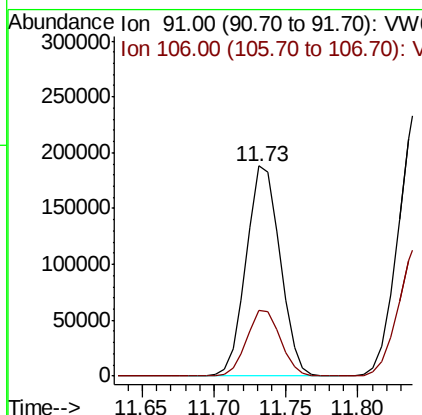
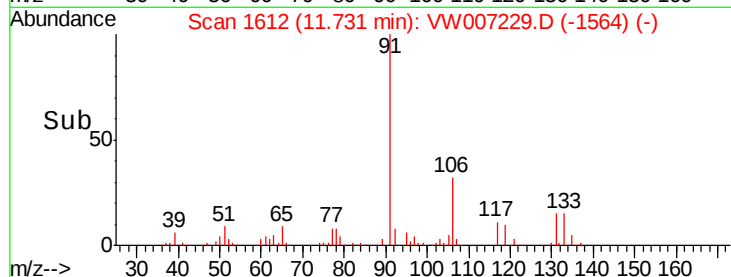
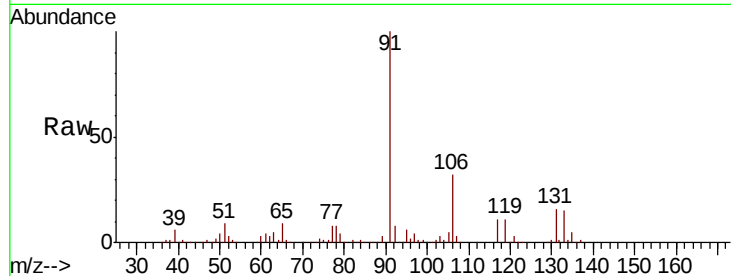
#67
Ethyl Benzene
Concen: 48.435 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 306634
Ion Ratio Lower Upper
91 100
106 31.6 26.0 39.0

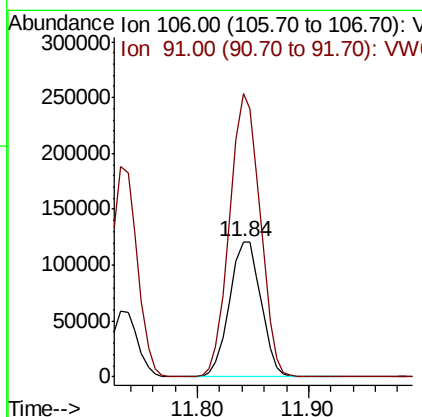
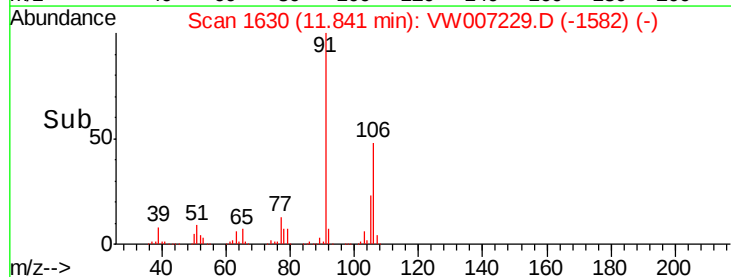
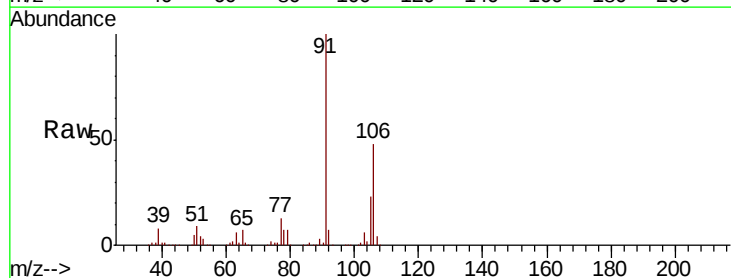
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#68
m/p-Xylenes
Concen: 95.411 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 106 Resp: 236962
Ion Ratio Lower Upper
106 100
91 203.7 160.2 240.4





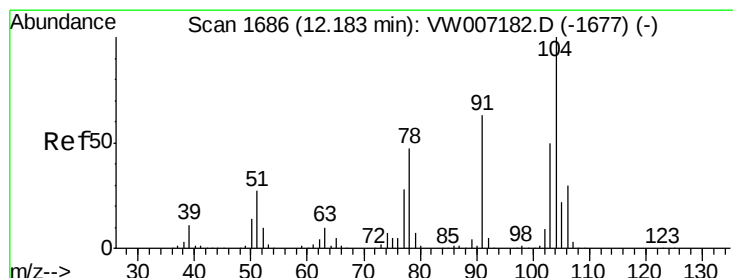
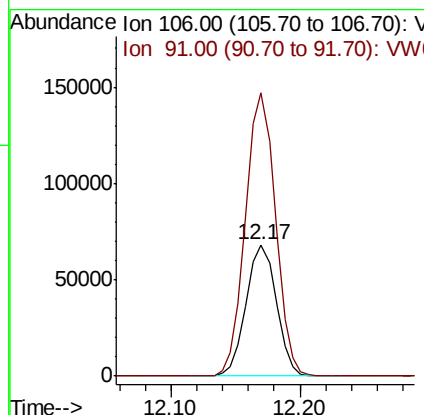
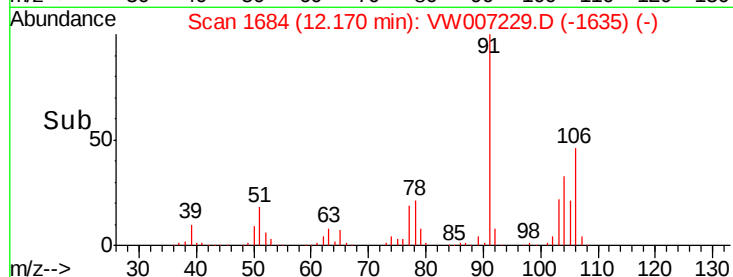
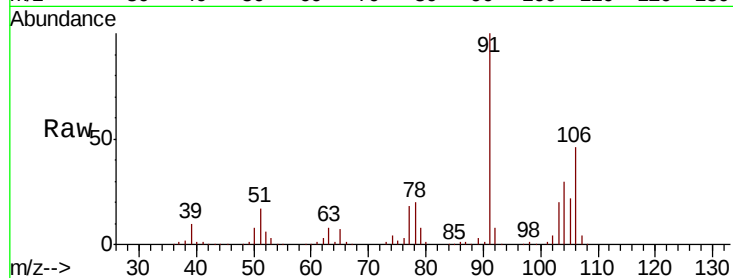
#69
o-Xylene
Concen: 47.643 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 110551
Ion Ratio Lower Upper
106 100
91 215.1 104.9 314.7

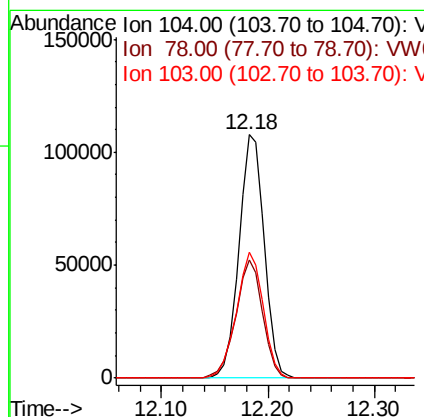
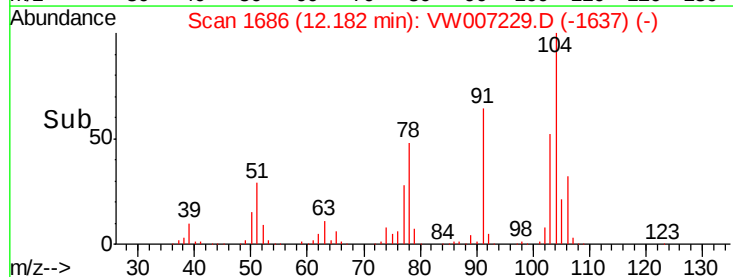
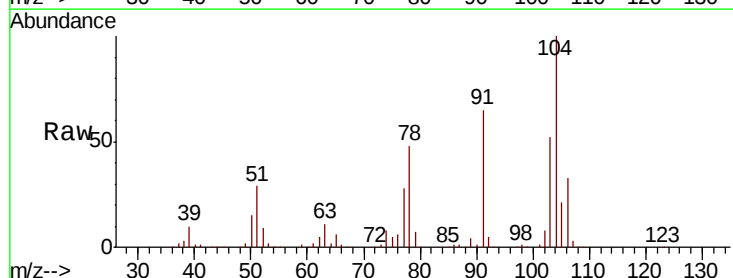
Manual Integrations
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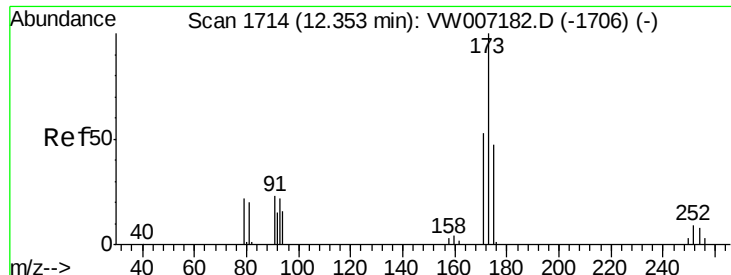
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#70
Styrene
Concen: 47.152 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion:104 Resp: 179104
Ion Ratio Lower Upper
104 100
78 51.7 40.6 60.8
103 55.1 43.0 64.4





#71

Bromoform

Concen: 44.368 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

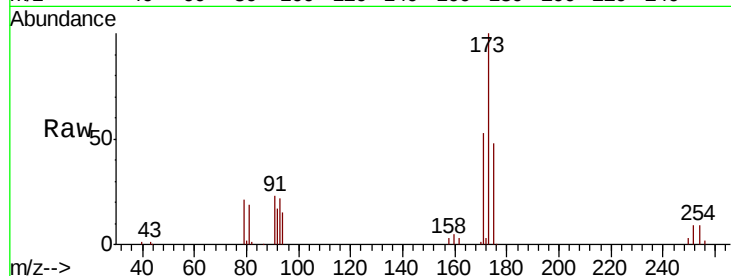
ClientSampleId :

VSTDCCC050

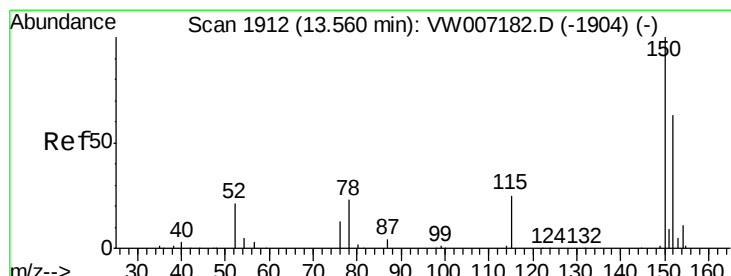
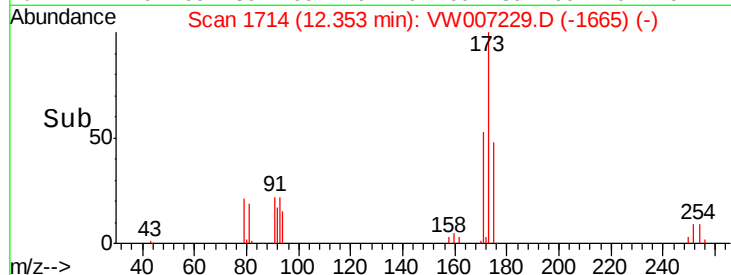
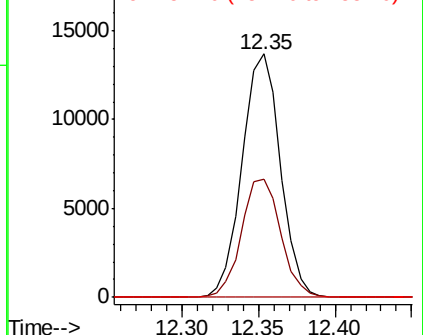
Tgt Ion:	173	Resp:	23826
Ion Ratio	Lower	Upper	
173	100		
175	49.7	24.0	72.0
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

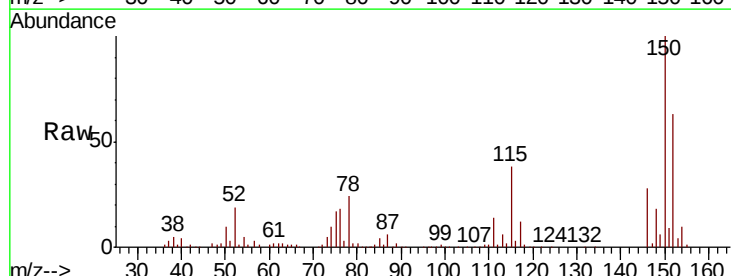
RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

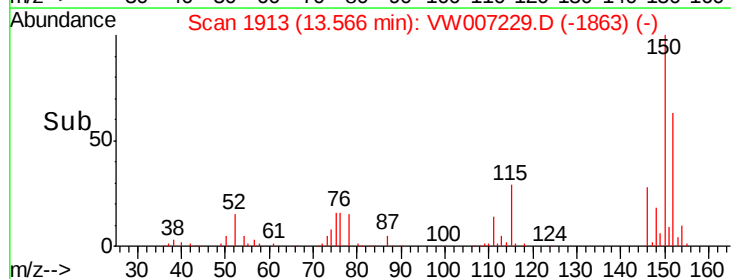
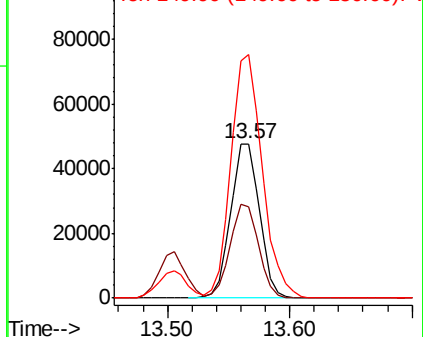
Lab File: VW007229.D

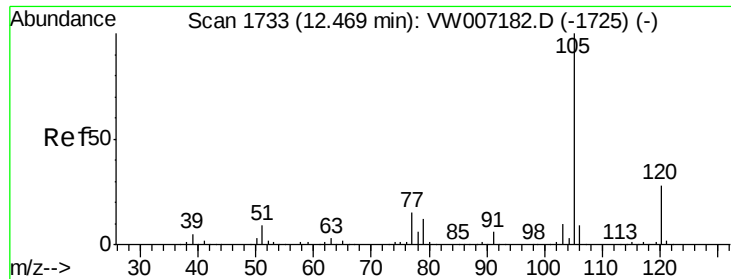
Acq: 05 Dec 2018 14:01

Tgt Ion:	152	Resp:	77096
Ion Ratio	Lower	Upper	
152	100		
115	60.4	31.3	93.8
150	172.4	0.0	358.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





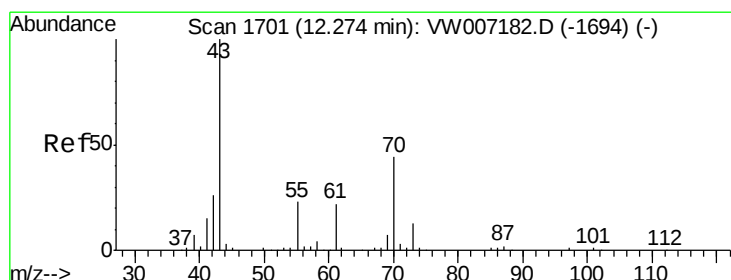
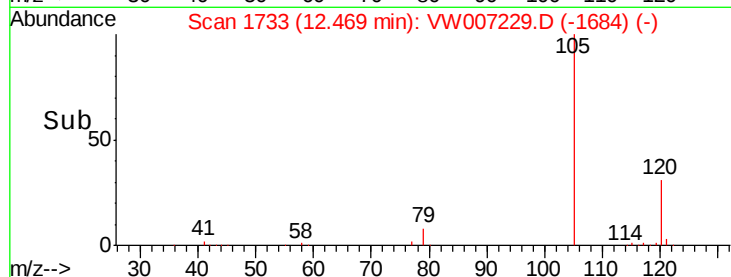
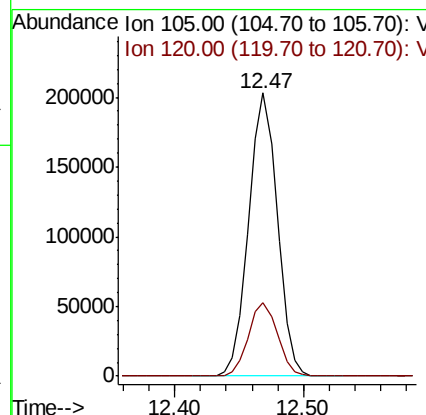
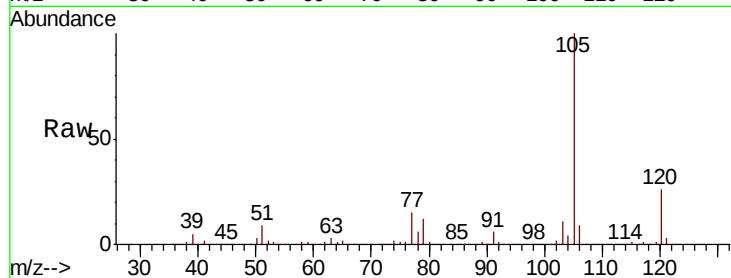
#73
Isopropylbenzene
Concen: 49.721 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 105 Resp: 311772
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6

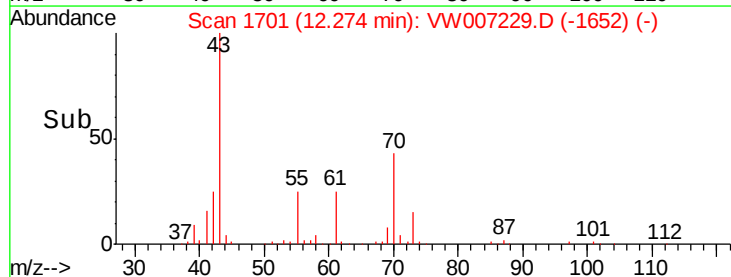
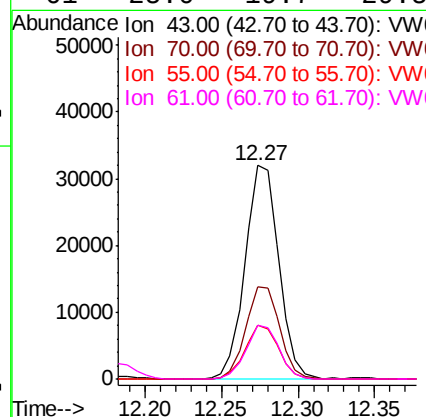
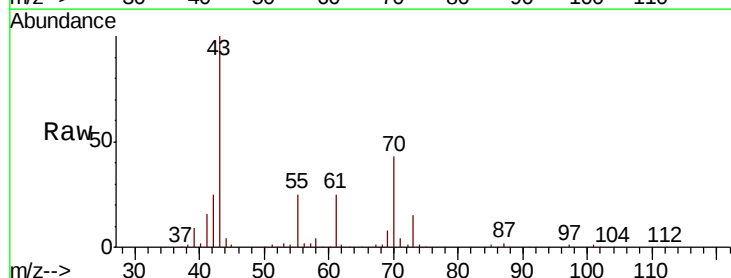
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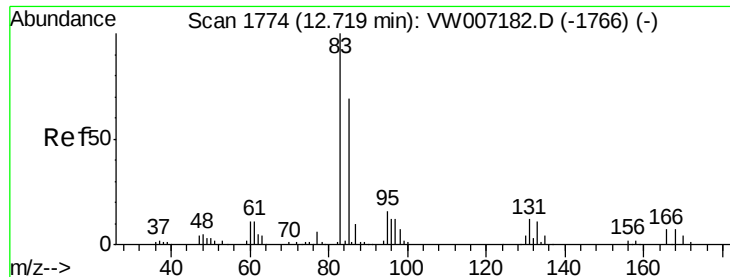
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#74
N-ethyl acetate
Concen: 43.967 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 43 Resp: 48880
Ion Ratio Lower Upper
43 100
70 43.5 34.0 51.0
55 25.3 19.0 28.6
61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.387 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

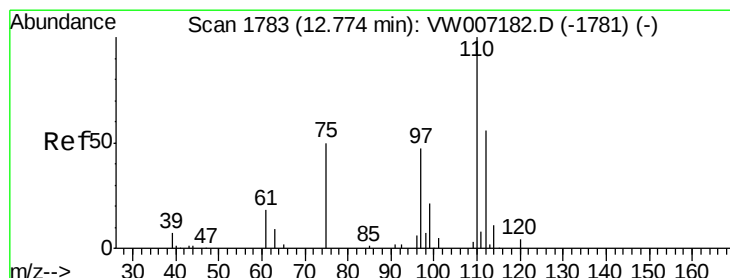
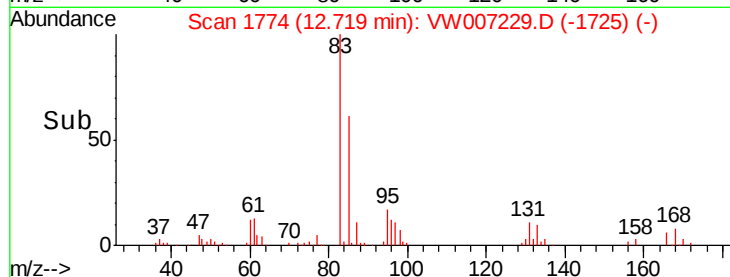
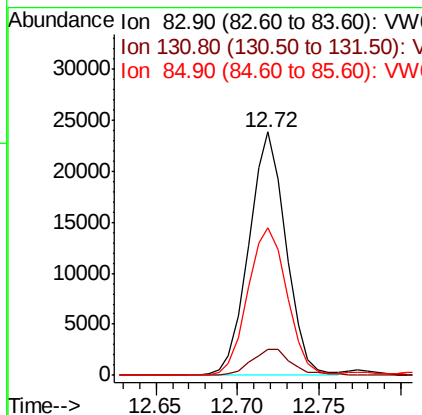
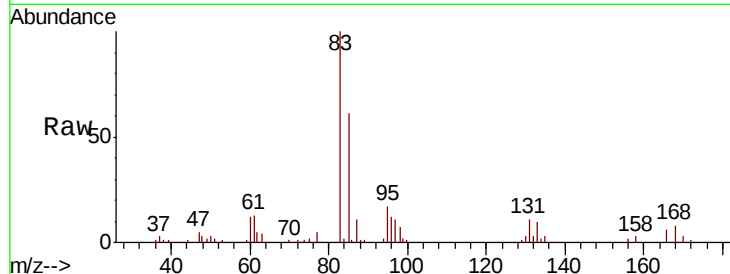
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	37776
Ion	Ratio	Lower	Upper
83	100		
131	11.9	6.0	18.1
85	64.4	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 40.374 ug/l m

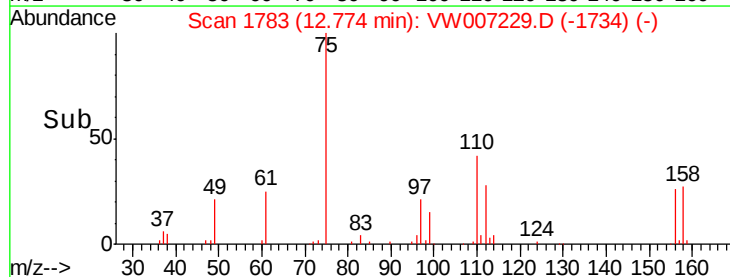
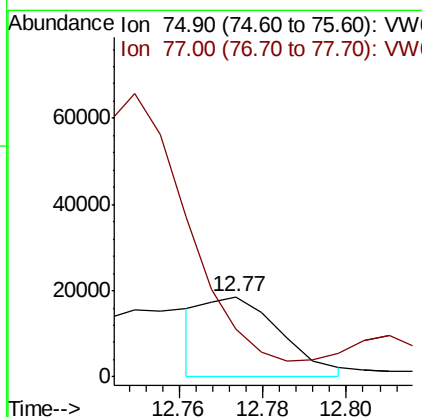
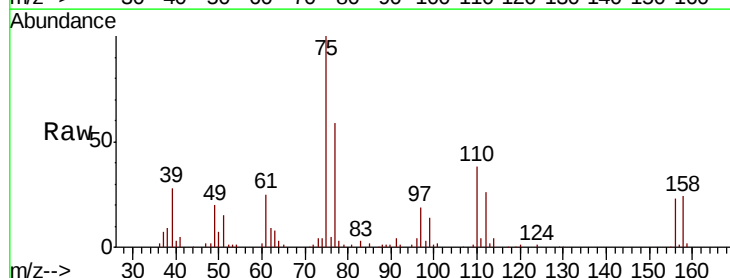
RT: 12.77 min Scan# 1783

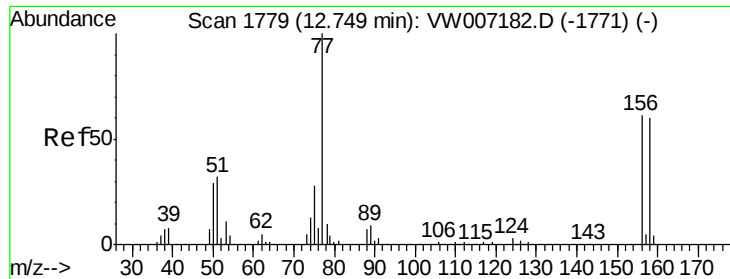
Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Tgt Ion:	75	Resp:	24102
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.734 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

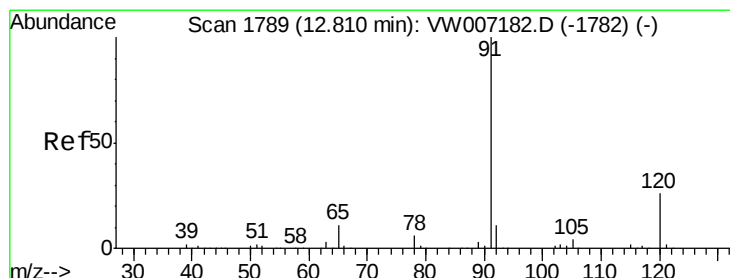
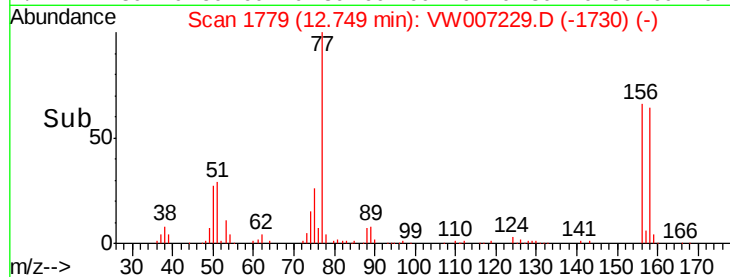
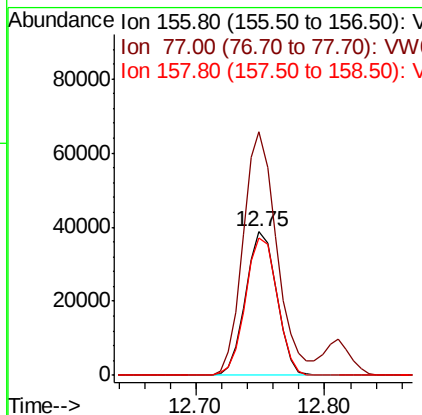
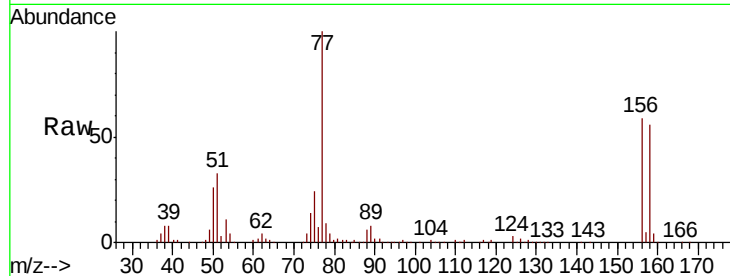
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	182.2	92.0	276.1
158	97.5	49.0	147.0

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#78

n-propylbenzene

Concen: 49.358 ug/l

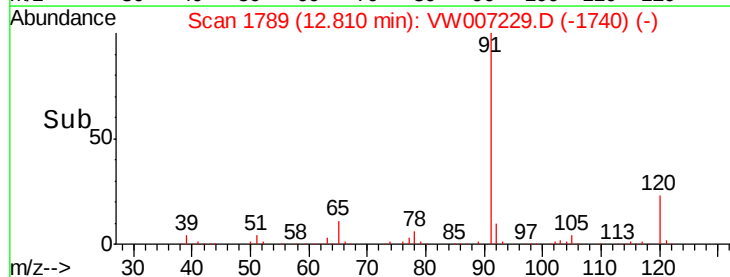
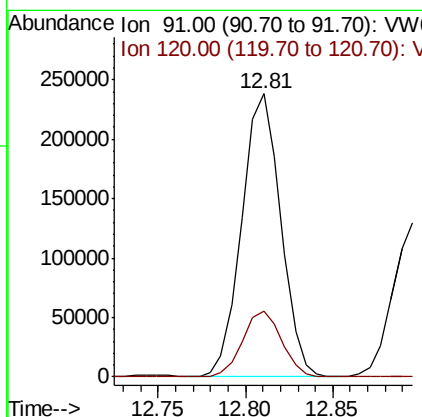
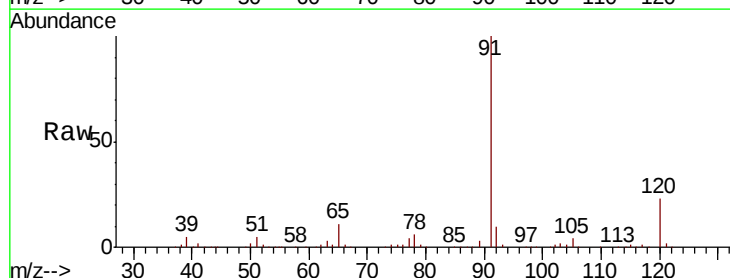
RT: 12.81 min Scan# 1789

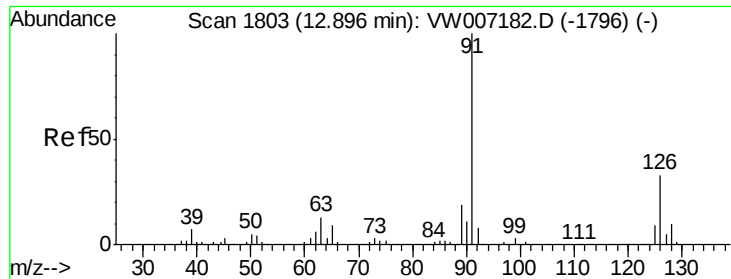
Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	12.5	37.5





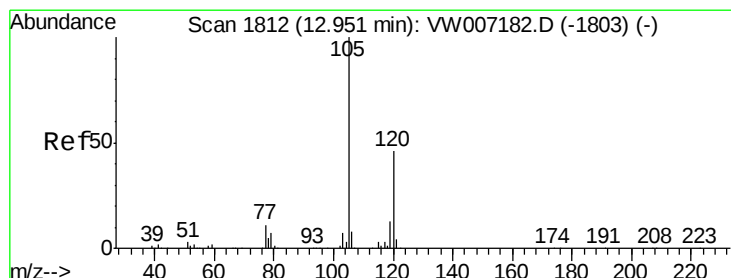
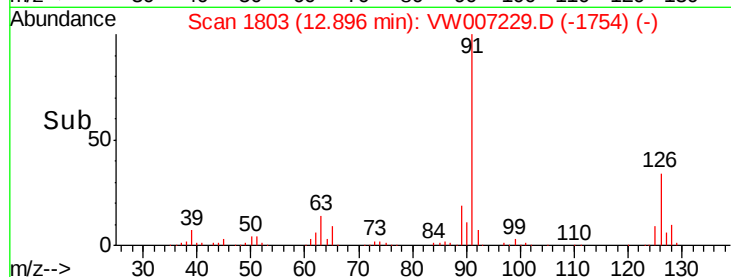
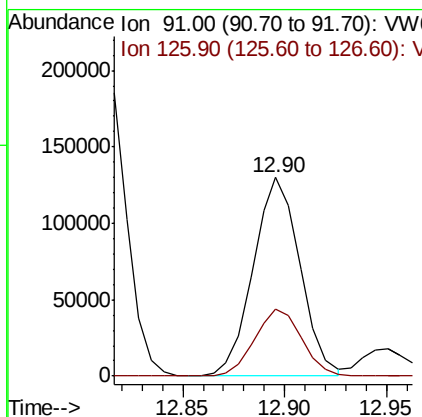
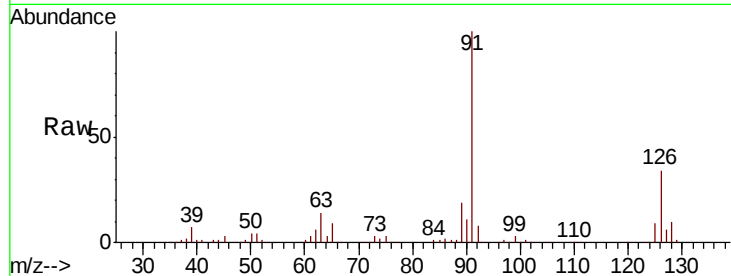
#79
 2-Chlorotoluene
 Concen: 49.074 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 207023
 Ion Ratio Lower Upper
 91 100
 126 34.1 16.7 50.1

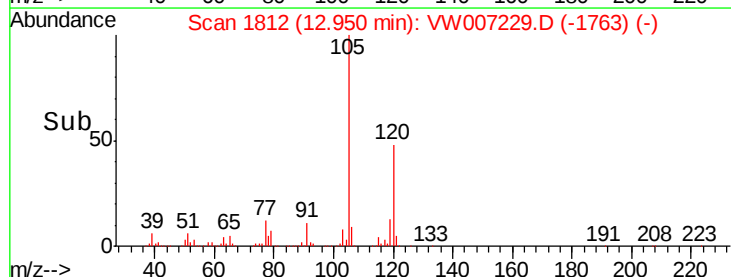
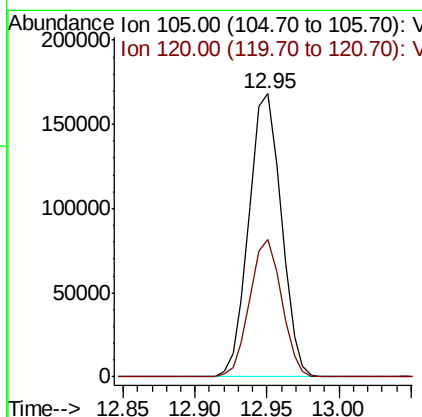
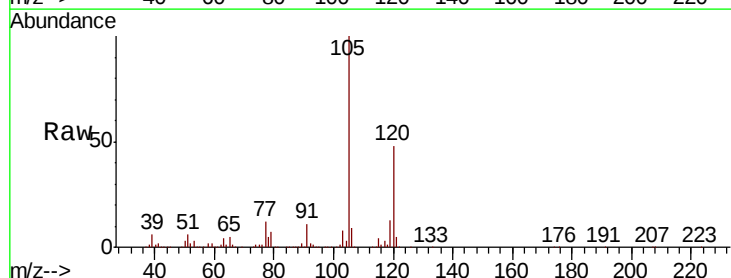
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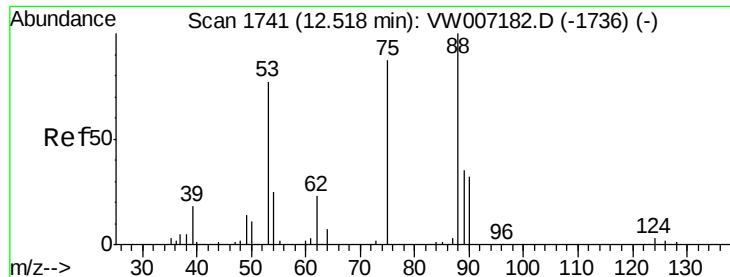
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.825 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion: 105 Resp: 261908
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.8 71.5





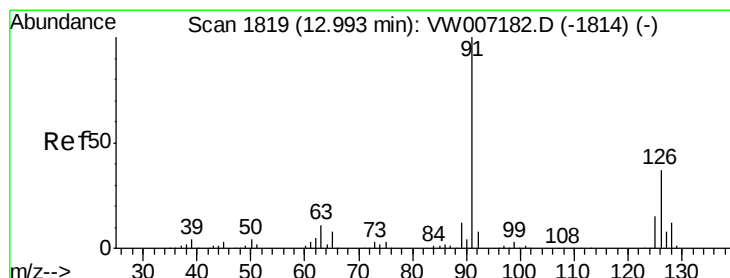
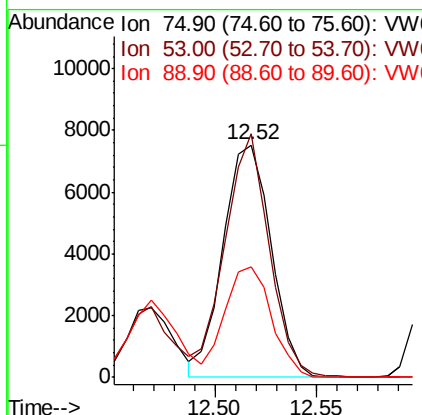
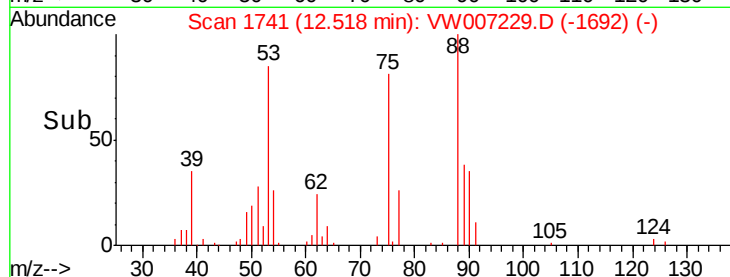
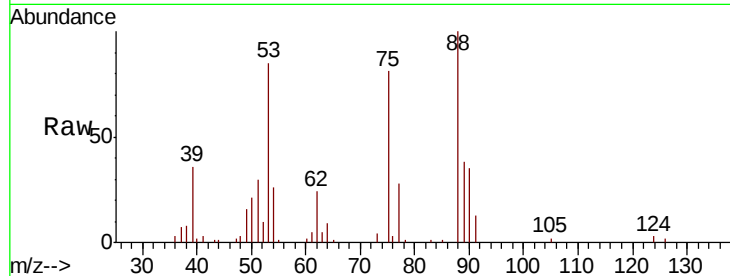
#81
trans-1,4-Dichloro-2-butene
Concen: 44.493 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.6	72.8	109.2
89	45.9	36.4	54.6

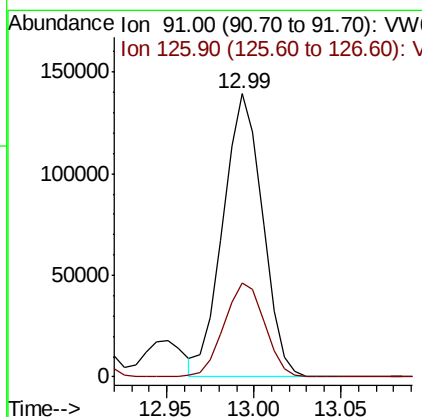
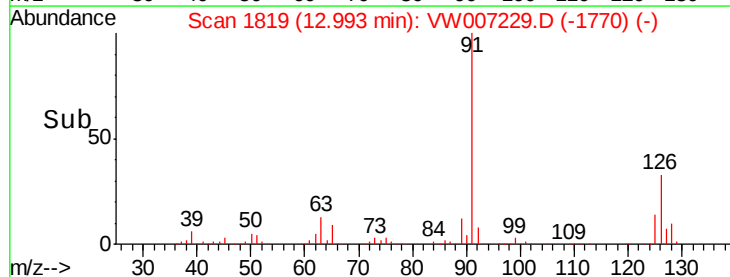
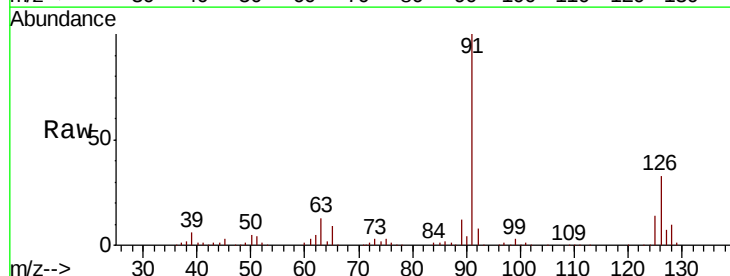
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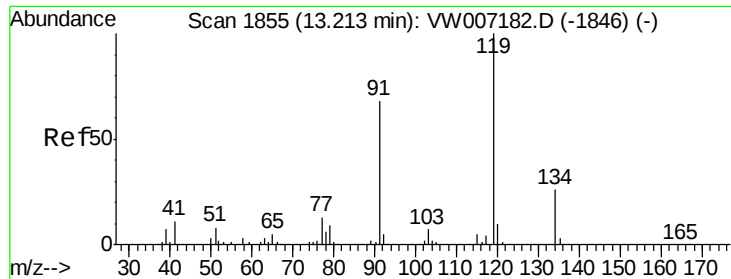
apatel
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#82
4-Chlorotoluene
Concen: 48.888 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.4	52.3





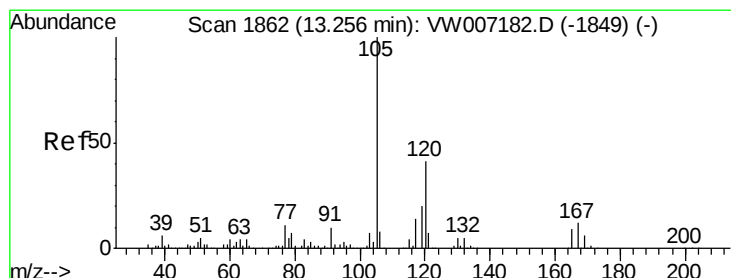
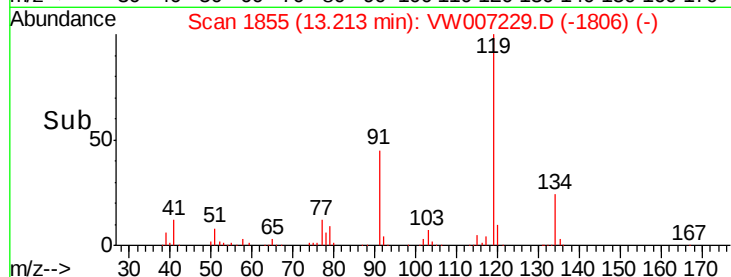
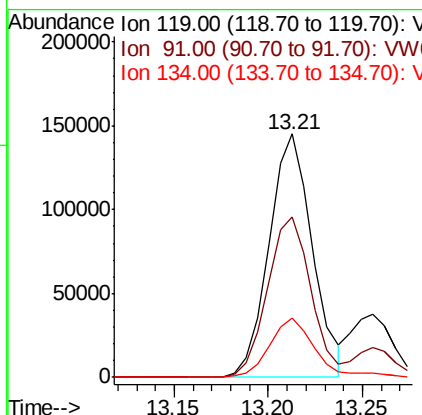
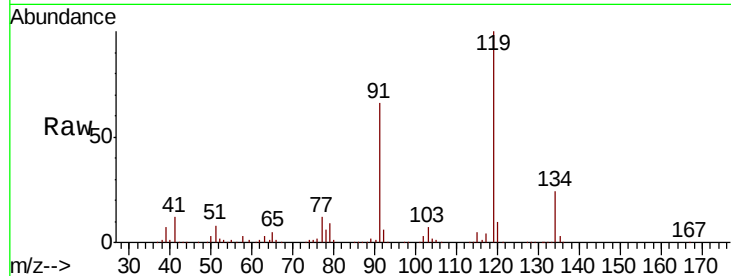
#83
 tert-Butylbenzene
 Concen: 49.262 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.2	34.0	101.8
134	25.6	13.2	39.5

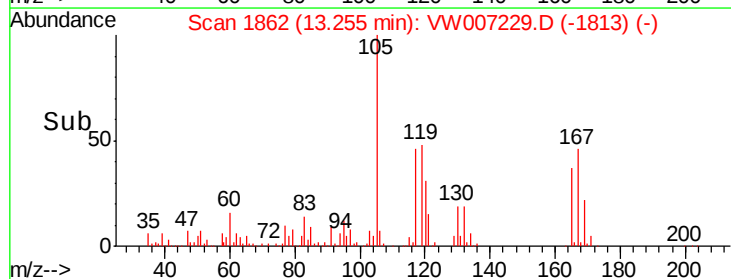
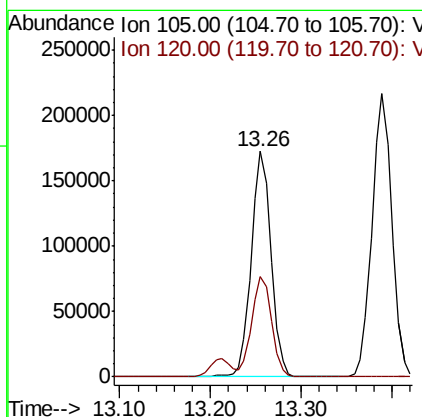
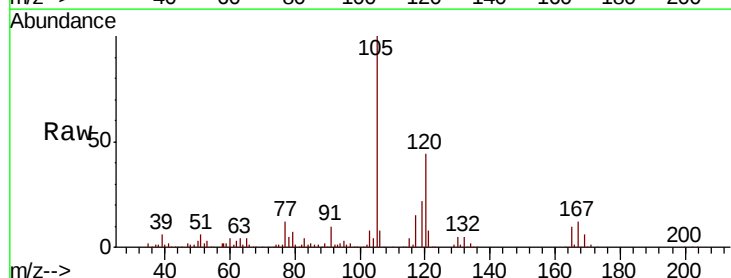
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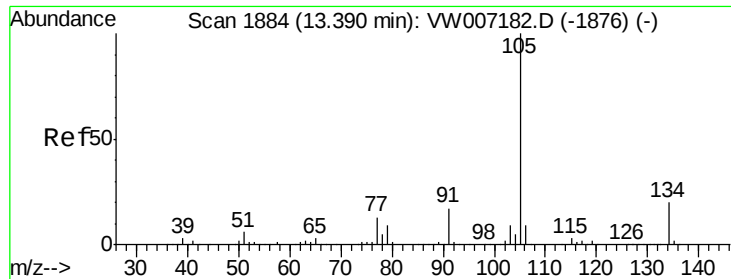
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.796 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.1	63.3





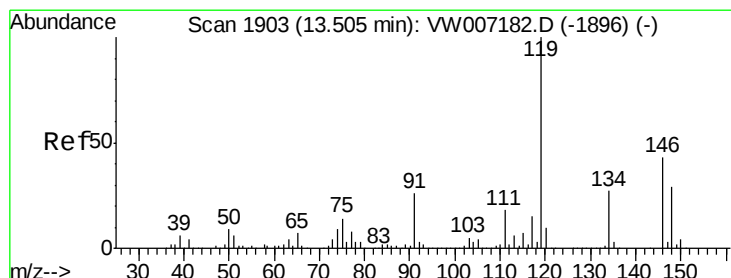
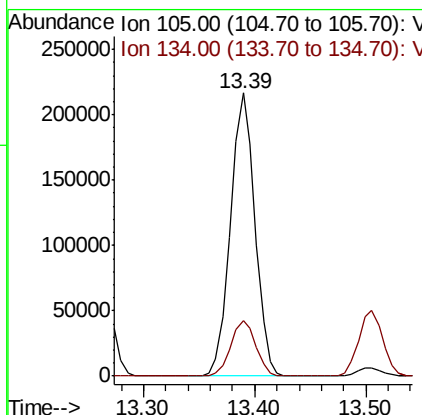
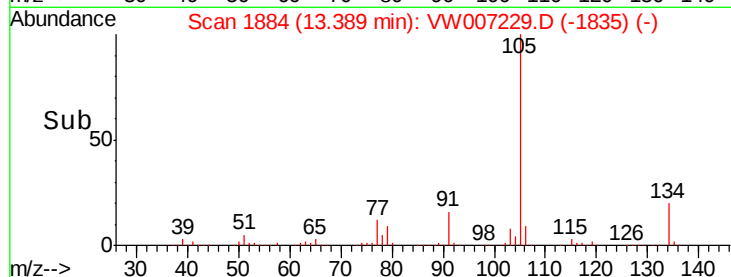
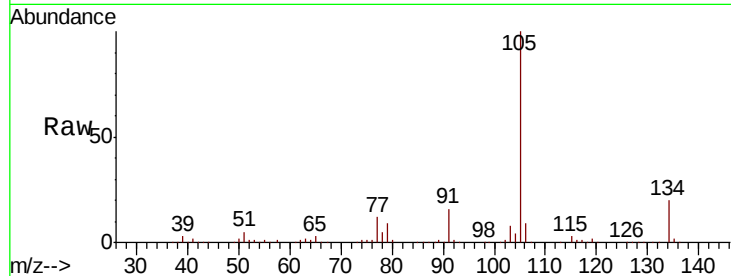
#85
 sec-Butylbenzene
 Concen: 49.235 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 329498
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.8

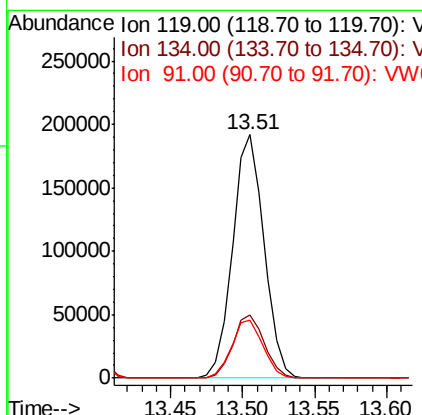
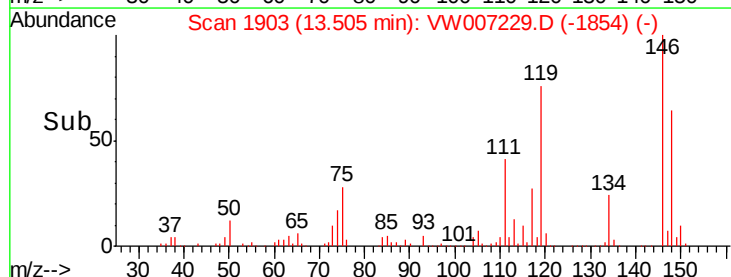
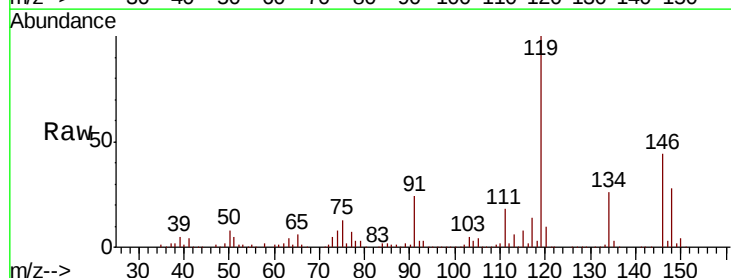
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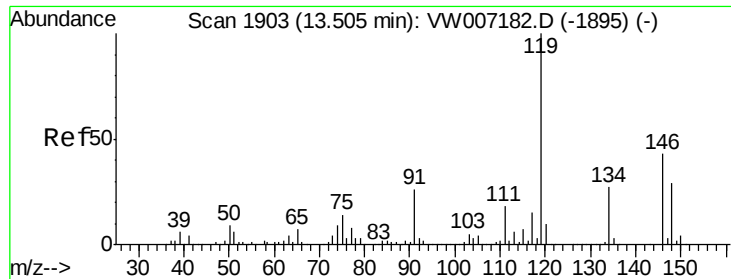
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#86
 p-Isopropyltoluene
 Concen: 48.891 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion:119 Resp: 291268
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.6
 91 24.0 12.4 37.2





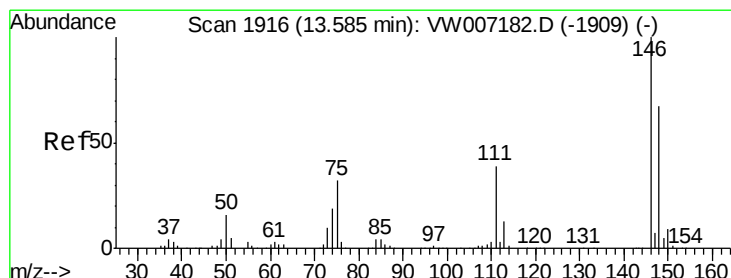
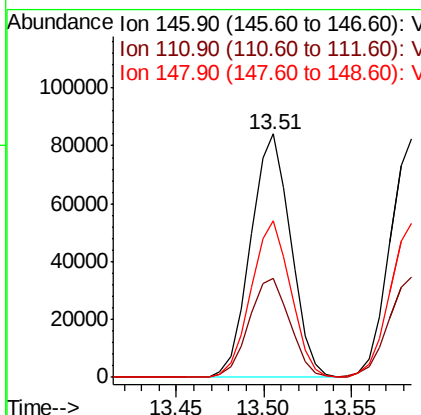
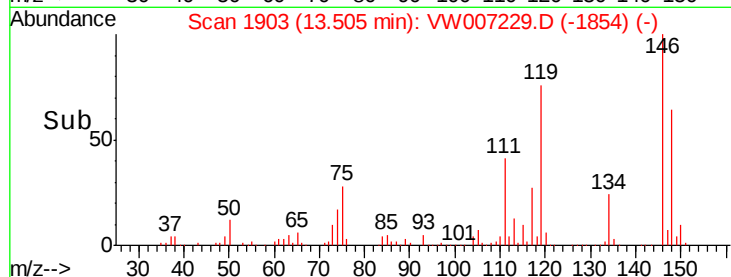
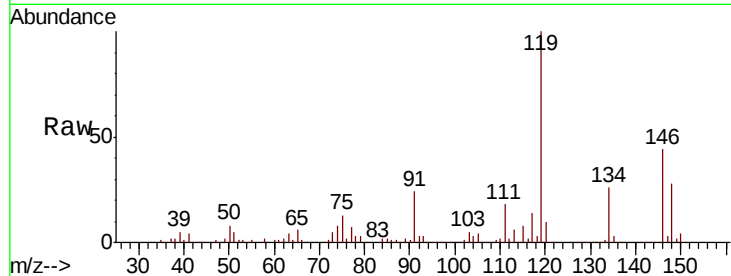
#87
 1,3-Dichlorobenzene
 Concen: 48.202 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.1	63.4
148	63.7	32.8	98.4

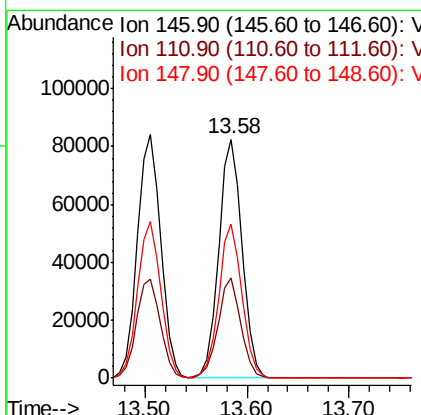
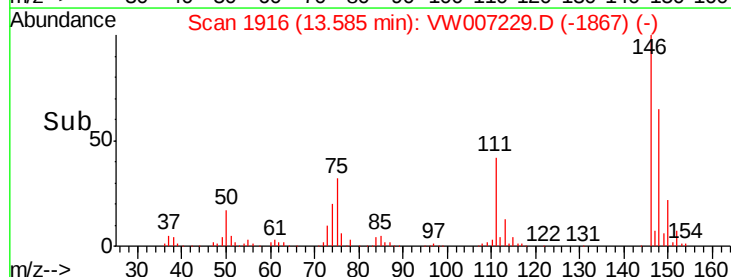
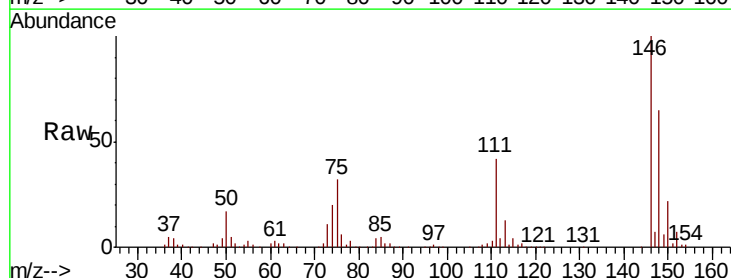
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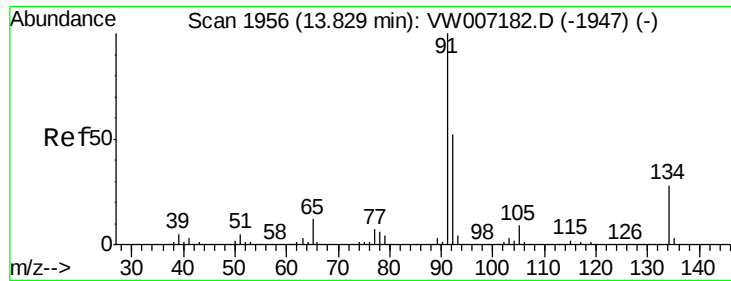
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#88
 1,4-Dichlorobenzene
 Concen: 46.834 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.6	58.8
148	64.0	32.6	98.0





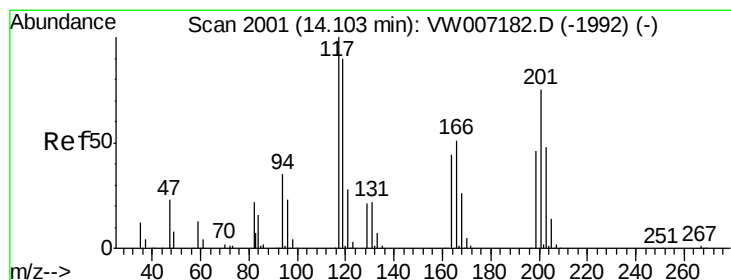
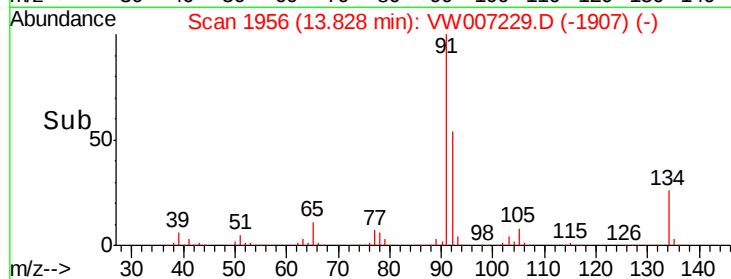
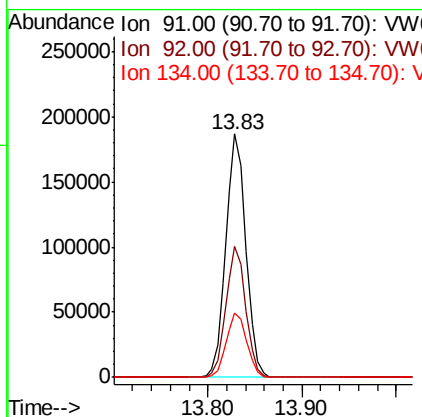
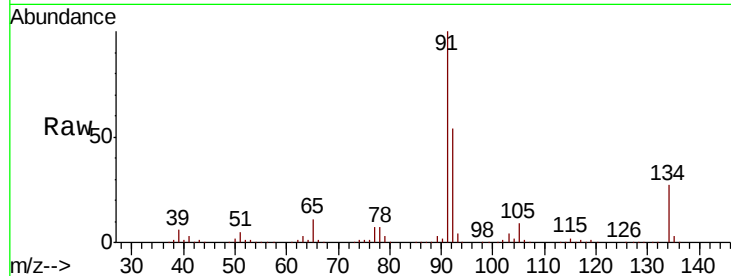
#89
n-Butylbenzene
Concen: 49.519 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 275678
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 27.0 14.1 42.2

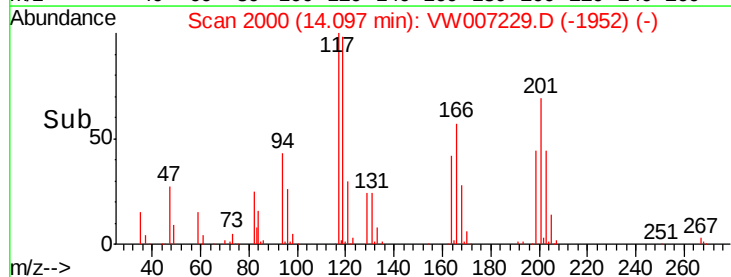
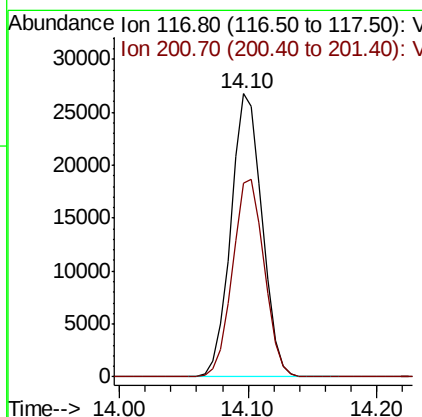
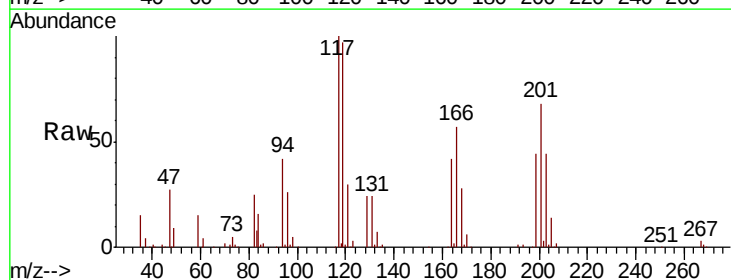
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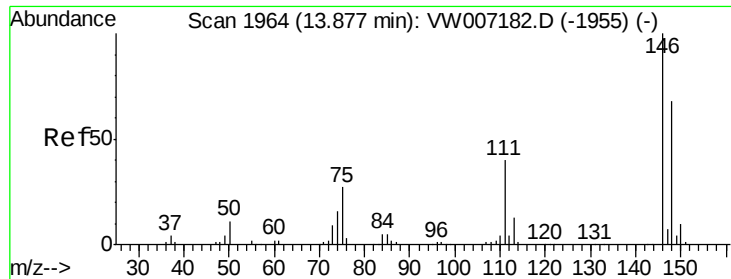
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#90
Hexachloroethane
Concen: 49.748 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 117 Resp: 45164
Ion Ratio Lower Upper
117 100
201 70.5 36.0 108.1





#91

1,2-Dichlorobenzene

Concen: 48.425 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

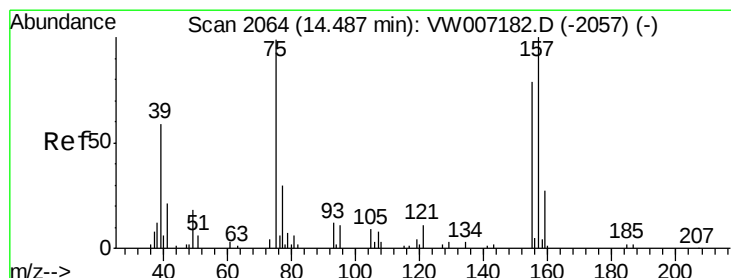
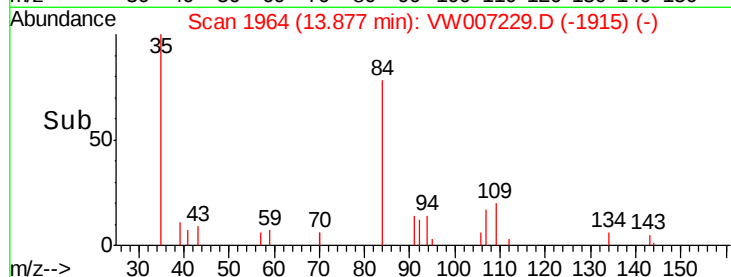
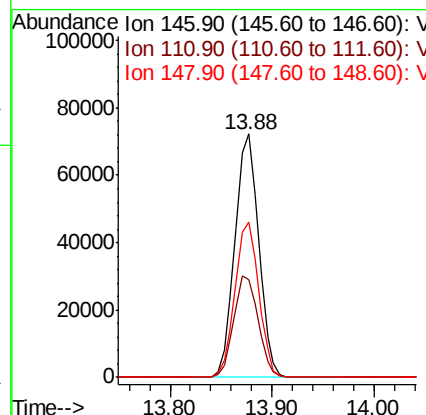
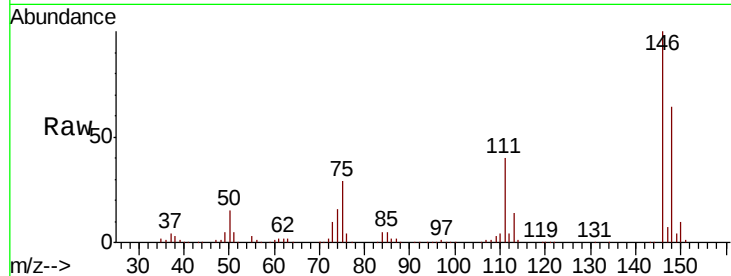
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	116482
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.6	65.0
148	63.6	32.7	98.1

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#92

1,2-Dibromo-3-Chloropropane

Concen: 43.618 ug/l

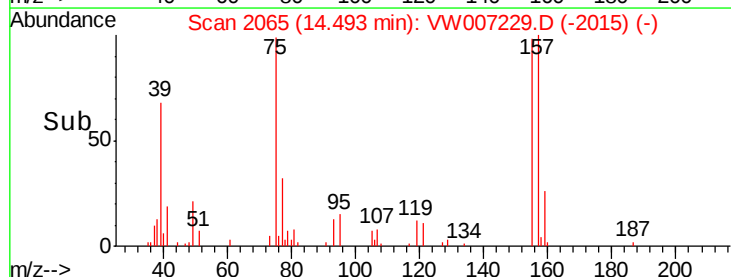
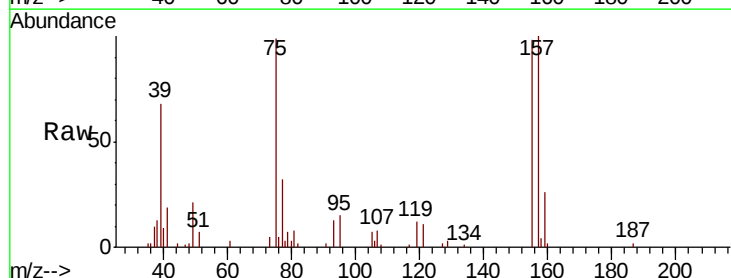
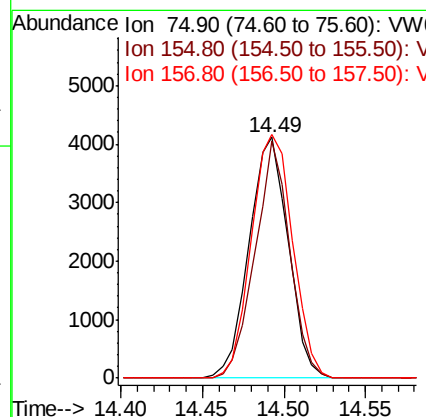
RT: 14.49 min Scan# 2065

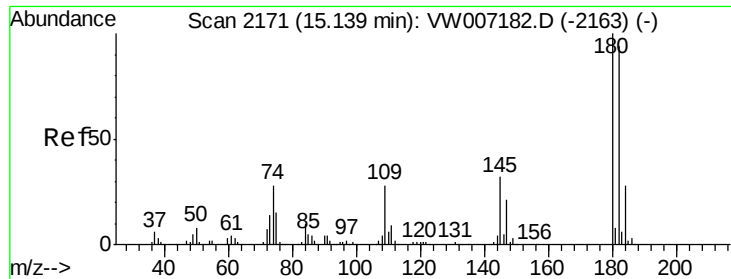
Delta R.T. 0.01 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Tgt Ion:	75	Resp:	6881
Ion Ratio	Lower	Upper	
75	100		
155	87.7	42.4	127.2
157	106.5	55.3	165.9





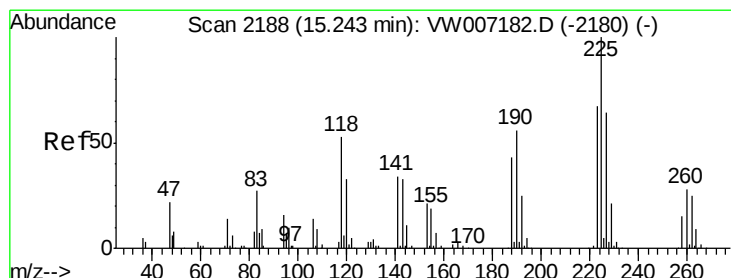
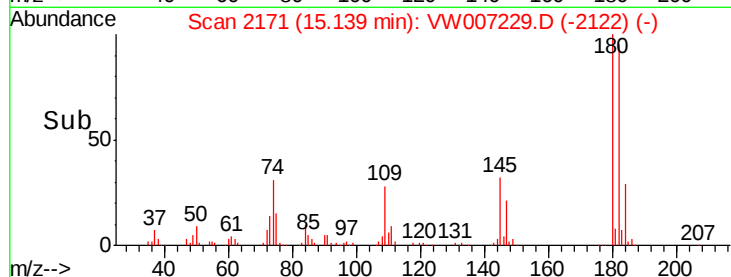
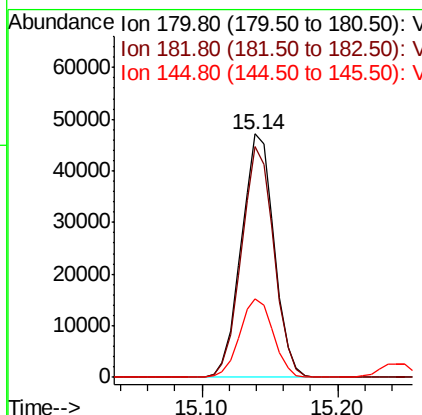
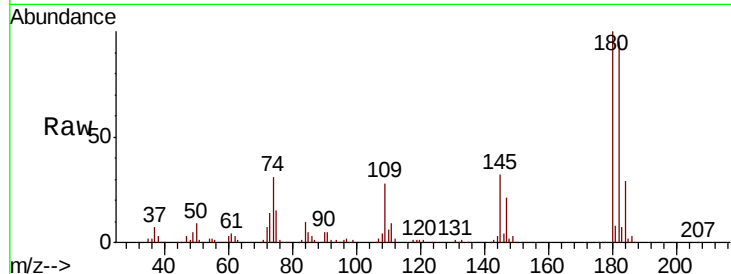
#93
1,2,4-Trichlorobenzene
Concen: 47.496 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.9	143.8
145	33.0	16.6	49.7

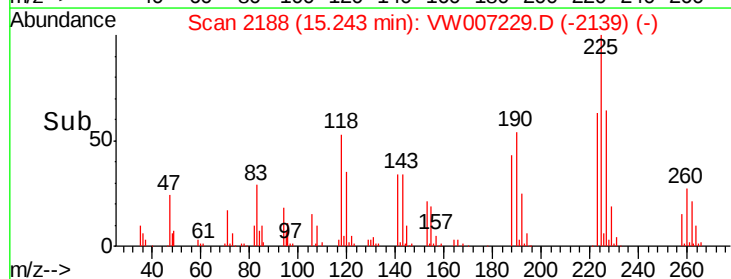
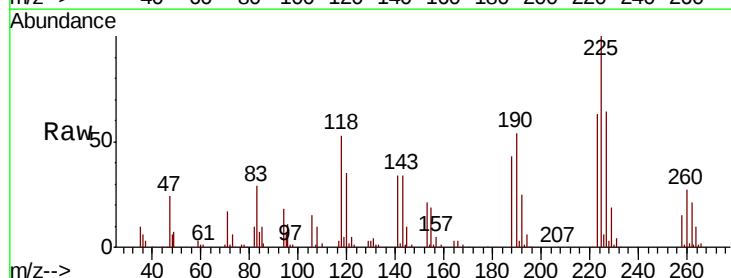
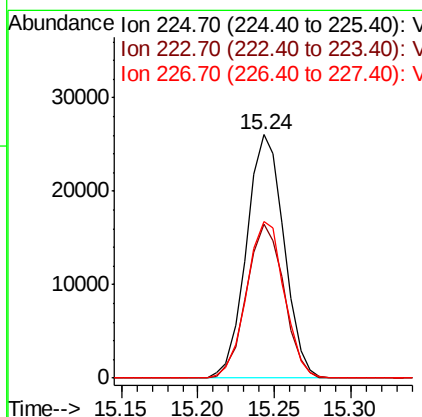
Manual Integrations
APPROVED

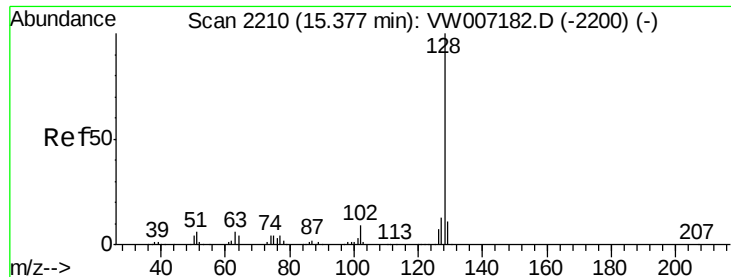
apatel
12/6/2018 12:55:32 PM



#94
Hexachlorobutadiene
Concen: 49.328 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.3	96.8
227	64.7	32.1	96.3





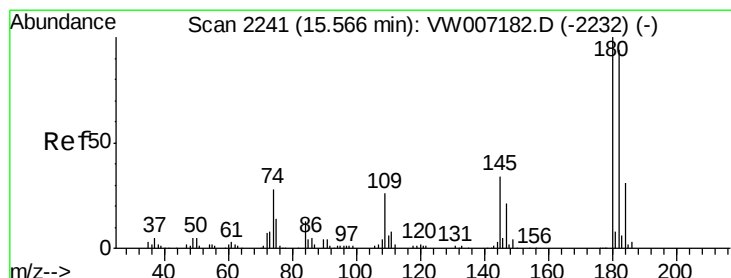
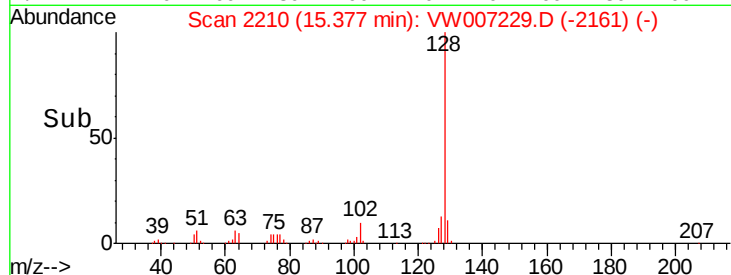
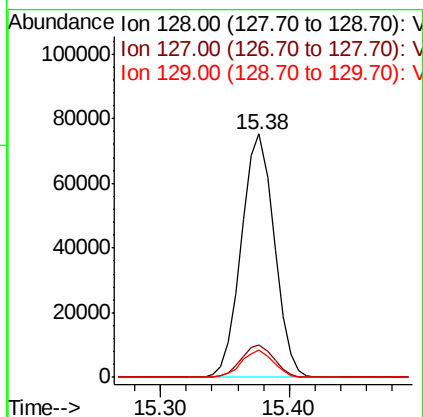
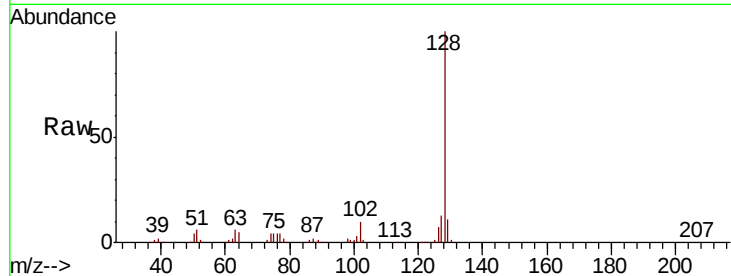
#95
Naphthalene
Concen: 44.614 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
12/6/2018 12:55:32 PM



#96
1,2,3-Trichlorobenzene
Concen: 45.677 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.2
145	35.2	17.6	52.8

