

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007182.D
 Acq On : 04 Dec 2018 12:29
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:43:36 PM

Quant Time: Dec 05 01:01:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 00:43:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	118119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	185176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82707	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	55072	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.89	113	53785	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	10.33	98	238382	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.62	95	90919	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	58735	45.449	ug/l 100
3) Chloromethane	2.21	50	77194	47.168	ug/l 100
4) Vinyl Chloride	2.36	62	50671	49.451	ug/l 100
5) Bromomethane	2.76	94	25743	50.135	ug/l 100
6) Chloroethane	2.92	64	28504	49.578	ug/l 100
7) Trichlorofluoromethane	3.26	101	95864	47.986	ug/l 100
8) Diethyl Ether	3.69	74	28176	50.598	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	58957	48.854	ug/l 100
10) Methyl Iodide	4.28	142	50303	48.931	ug/l 100
11) Tert butyl alcohol	5.17	59	24700	192.437	ug/l 100
12) 1,1-Dichloroethene	4.04	96	54671	48.341	ug/l 100
13) Acrolein	3.90	56	19138	248.359	ug/l 100
14) Allyl chloride	4.68	41	89887	49.584	ug/l 100
15) Acrylonitrile	5.37	53	62142	266.940	ug/l 100
16) Acetone	4.12	43	75352	289.431	ug/l 100
17) Carbon Disulfide	4.39	76	186600	50.054	ug/l 100
18) Methyl Acetate	4.68	43	30077	50.612	ug/l 100
19) Methyl tert-butyl Ether	5.43	73	137772	51.740	ug/l 100
20) Methylene Chloride	4.92	84	66808	43.152	ug/l 100
21) trans-1,2-Dichloroethene	5.43	96	62445	49.449	ug/l 100
22) Diisopropyl ether	6.32	45	170295	52.329	ug/l 100
23) Vinyl Acetate	6.26	43	472466	266.074	ug/l 100
24) 1,1-Dichloroethane	6.22	63	103910	49.818	ug/l 100
25) 2-Butanone	7.17	43	81746	270.868	ug/l 100
26) 2,2-Dichloropropane	7.17	77	98874	49.328	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	67488	49.853	ug/l 100
28) Bromochloromethane	7.51	49	36359	48.343	ug/l 100
29) Tetrahydrofuran	7.53	42	48990	262.688	ug/l 100
30) Chloroform	7.68	83	107189	49.448	ug/l 100
31) Cyclohexane	7.96	56	105627	48.400	ug/l 100
32) 1,1,1-Trichloroethane	7.87	97	102656	50.321	ug/l 100
36) 1,1-Dichloropropene	8.09	75	92381	51.272	ug/l 100
37) Ethyl Acetate	7.26	43	33590	51.538	ug/l 100
38) Carbon Tetrachloride	8.07	117	92337	50.209	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	120993	50.163	ug/l	100
40) Benzene	8.33	78	252776	51.161	ug/l	100
41) Methacrylonitrile	7.49	41	21337	54.656	ug/l	100
42) 1,2-Dichloroethane	8.40	62	69144	50.074	ug/l	100
43) Isopropyl Acetate	8.43	43	66892	52.844	ug/l	100
44) Trichloroethene	9.09	130	71889	51.763	ug/l	100
45) 1,2-Dichloropropane	9.37	63	58443	50.831	ug/l	100
46) Dibromomethane	9.46	93	29595	49.536	ug/l	100
47) Bromodichloromethane	9.65	83	79956	50.878	ug/l	100
48) Methyl methacrylate	9.44	41	36358	55.341	ug/l	100
49) 1,4-Dioxane	9.45	88	10826	1037.299	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	171347	274.679	ug/l	100
52) Toluene	10.39	92	174899	50.889	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	82879	52.455	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	97539	52.677	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	42988	50.585	ug/l	100
56) Ethyl methacrylate	10.65	69	59540	53.711	ug/l	100
57) 1,3-Dichloropropane	10.93	76	73949	51.542	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	114435	257.009	ug/l	100
59) 2-Hexanone	10.97	43	126220	279.119	ug/l	100
60) Dibromochloromethane	11.13	129	53266	50.998	ug/l	100
61) 1,2-Dibromoethane	11.24	107	42870	52.595	ug/l	100
64) Tetrachloroethene	10.87	164	62276	51.962	ug/l	100
65) Chlorobenzene	11.66	112	191884	52.376	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	59060	52.199	ug/l	100
67) Ethyl Benzene	11.74	91	340906	51.055	ug/l	100
68) m/p-Xylenes	11.85	106	268433	102.475	ug/l	100
69) o-Xylene	12.17	106	126900	51.851	ug/l	100
70) Styrene	12.18	104	208427	52.025	ug/l	100
71) Bromoform	12.35	173	30728	54.252	ug/l #	100
73) Isopropylbenzene	12.47	105	356399	52.982	ug/l	100
74) N-amyl acetate	12.27	43	68189	57.174	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	48030	54.977	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	29395m	26.443	ug/l	
77) Bromobenzene	12.75	156	74803	51.517	ug/l	100
78) n-propylbenzene	12.81	91	400536	49.978	ug/l	100
79) 2-Chlorotoluene	12.90	91	236904	52.347	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	302402	52.549	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	17162	57.760	ug/l	100
82) 4-Chlorotoluene	12.99	91	242655	50.401	ug/l	100
83) tert-Butylbenzene	13.21	119	255334	50.773	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	305434	51.995	ug/l	100
85) sec-Butylbenzene	13.39	105	358429	49.925	ug/l	100
86) p-Isopropyltoluene	13.51	119	320195	50.100	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	149652	50.206	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	154671	51.370	ug/l	100
89) n-Butylbenzene	13.83	91	302616	50.670	ug/l	100
90) Hexachloroethane	14.10	117	51847	53.235	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	136022	52.712	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9304	54.976	ug/l	100

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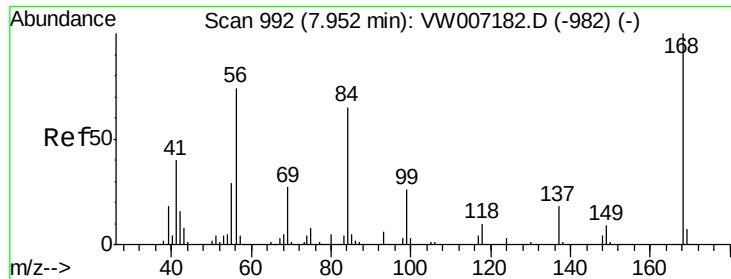
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	94207	52.680	ug/l	100
94) Hexachlorobutadiene	15.24	225	49633	51.468	ug/l	100
95) Naphthalene	15.38	128	176429	55.049	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	78549	52.091	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: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 168 Resp: 118119

Ion Ratio Lower Upper

168 100

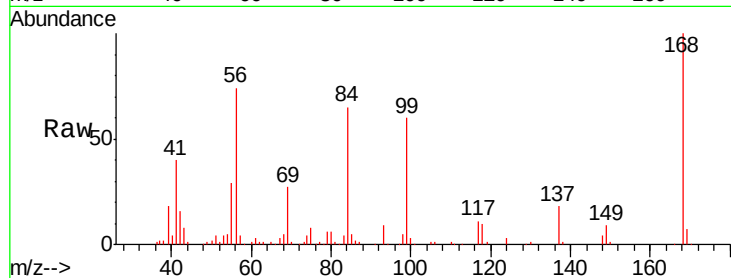
99 59.8 47.8 71.8

Manual Integrations

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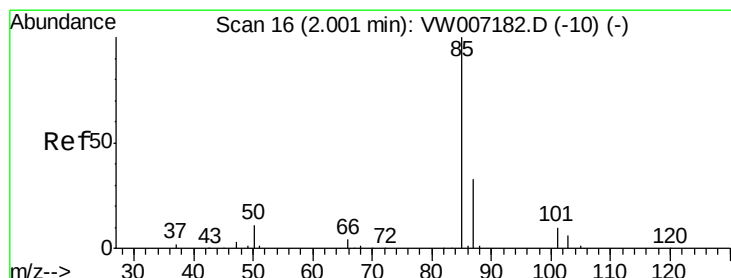
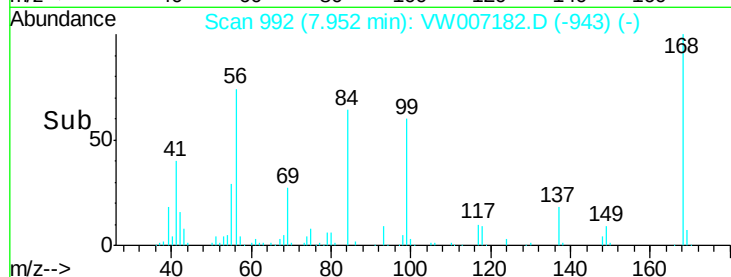
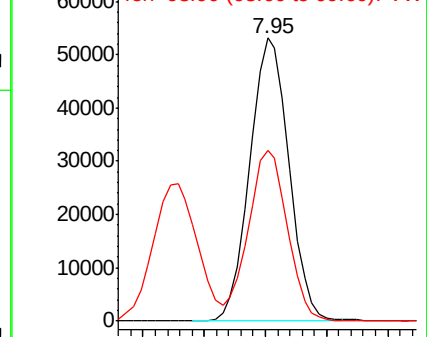
apatel

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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: 45.449 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007182.D

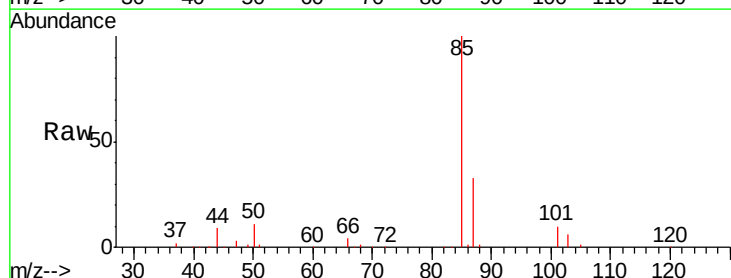
Acq: 04 Dec 2018 12:29

Tgt Ion: 85 Resp: 58735

Ion Ratio Lower Upper

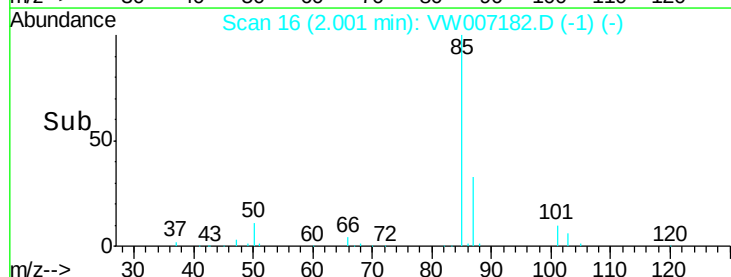
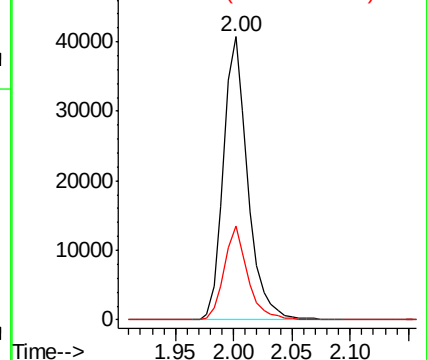
85 100

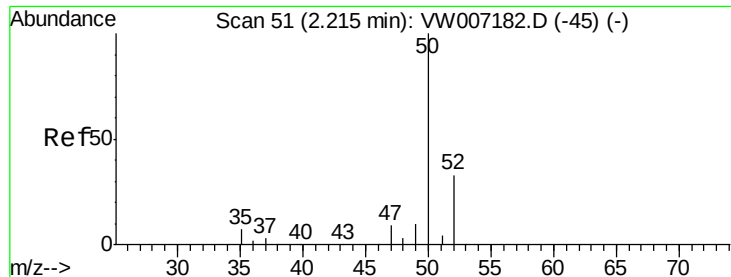
87 33.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 47.168 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 77194

Ion Ratio Lower Upper

50 100

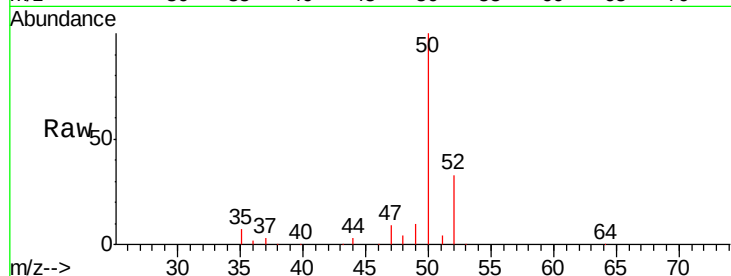
52 32.7 26.2 39.2

Manual Integrations

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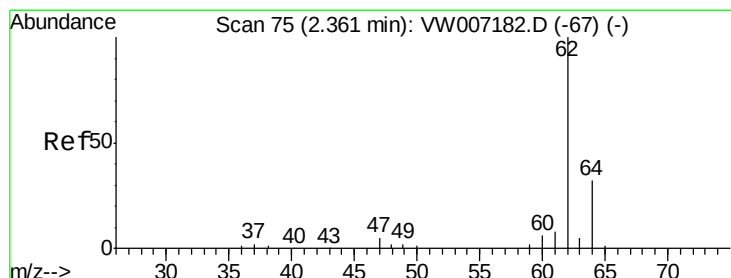
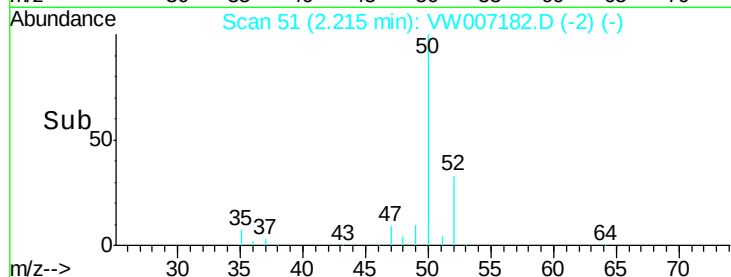
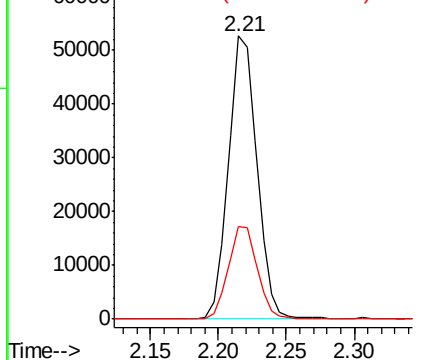
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 49.451 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW007182.D

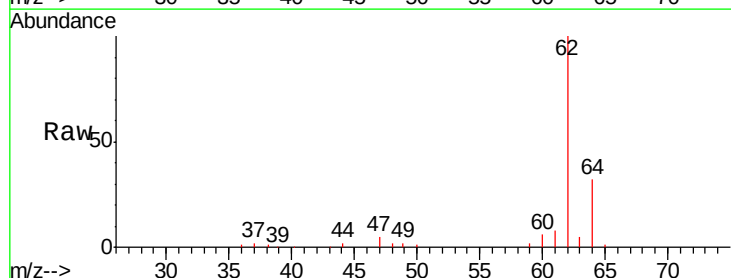
Acq: 04 Dec 2018 12:29

Tgt Ion: 62 Resp: 50671

Ion Ratio Lower Upper

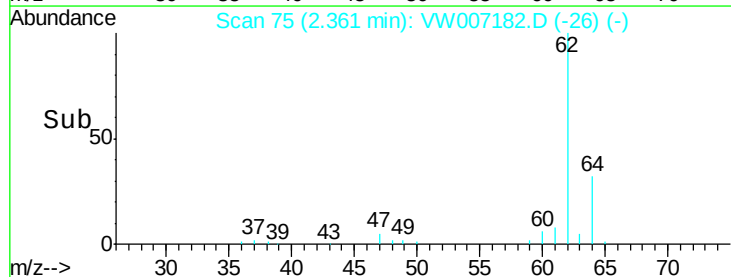
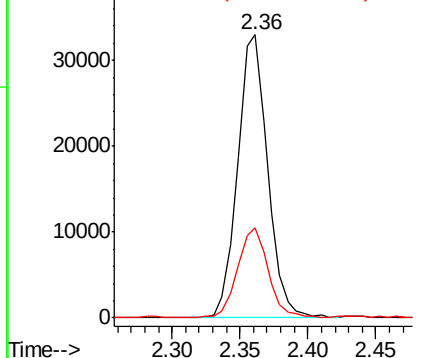
62 100

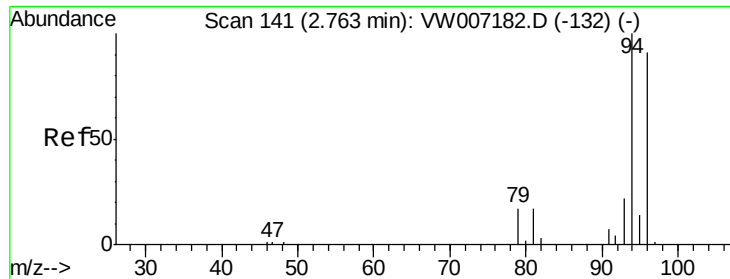
64 31.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 50.135 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tgt Ion: 94 Resp: 25743

Ion Ratio Lower Upper

94 100

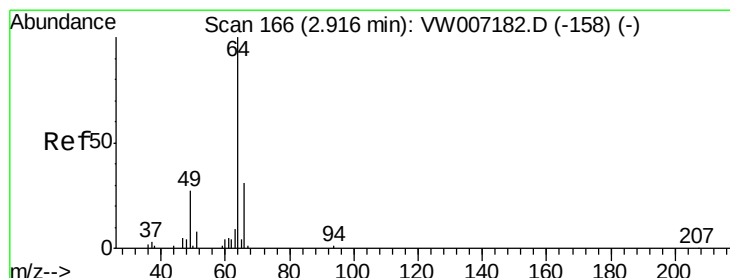
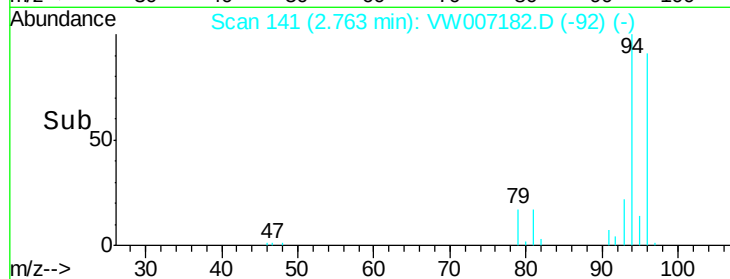
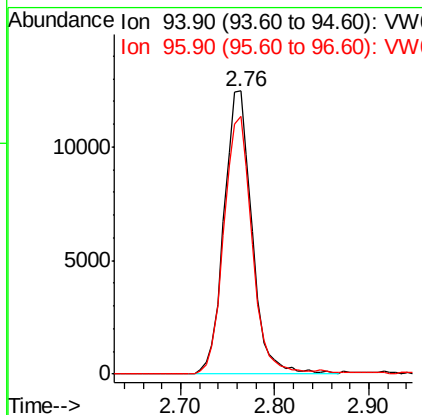
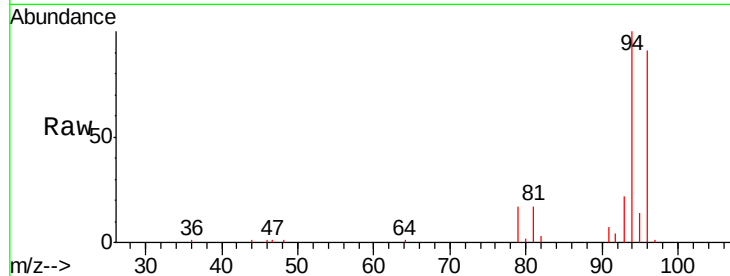
96 91.0 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 49.578 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW007182.D

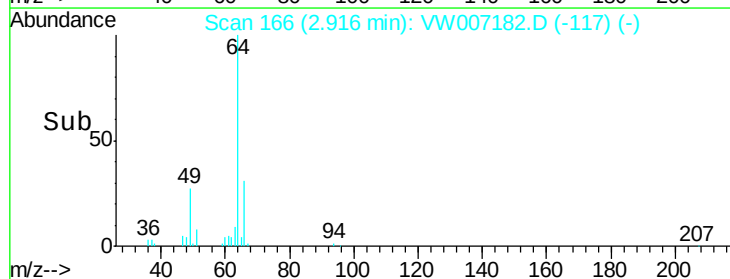
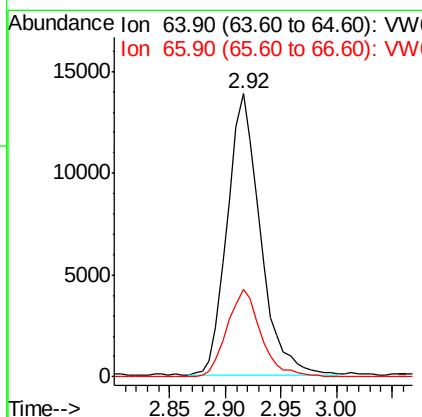
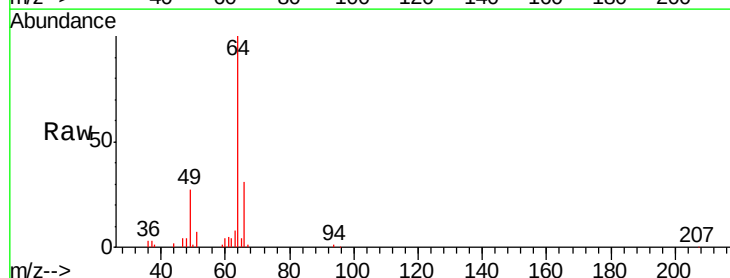
Acq: 04 Dec 2018 12:29

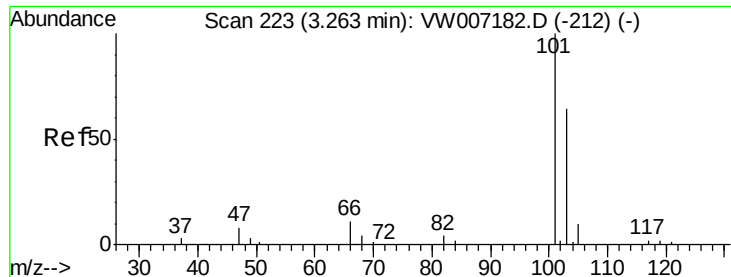
Tgt Ion: 64 Resp: 28504

Ion Ratio Lower Upper

64 100

66 31.3 25.0 37.6





#7

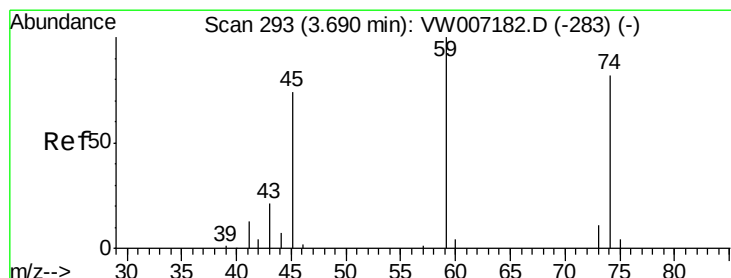
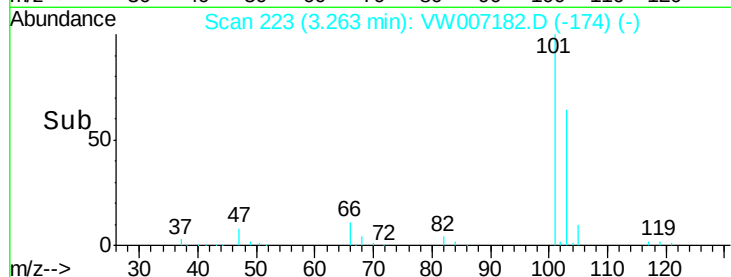
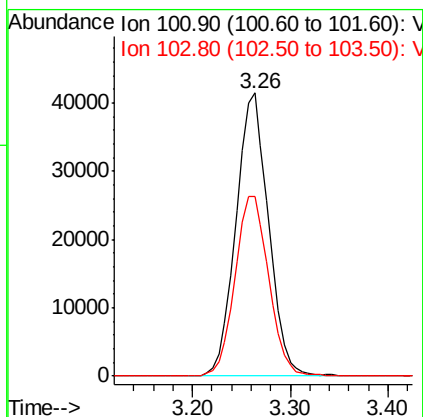
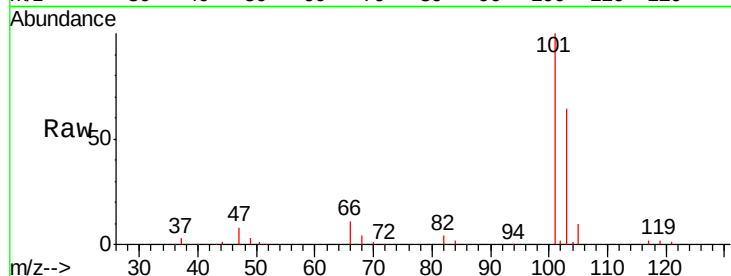
Trichlorofluoromethane
Concen: 47.986 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 101 Resp: 95864
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3

Manual Integrations
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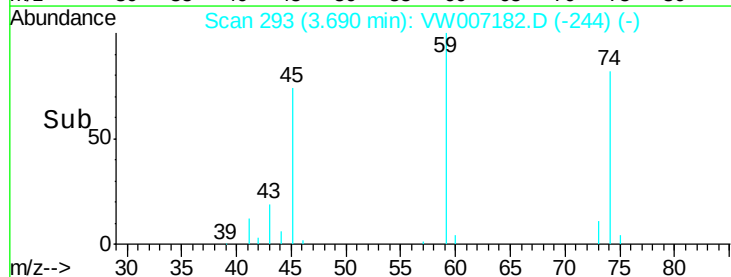
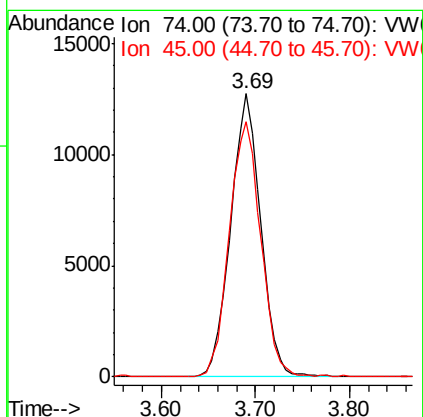
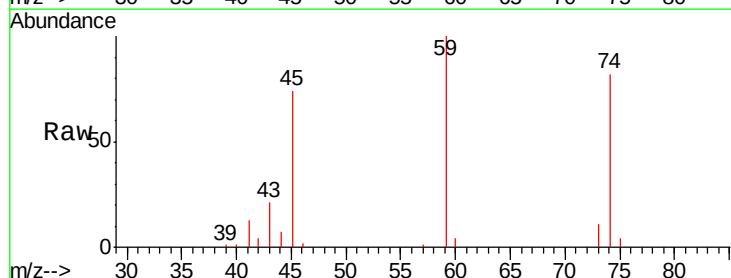
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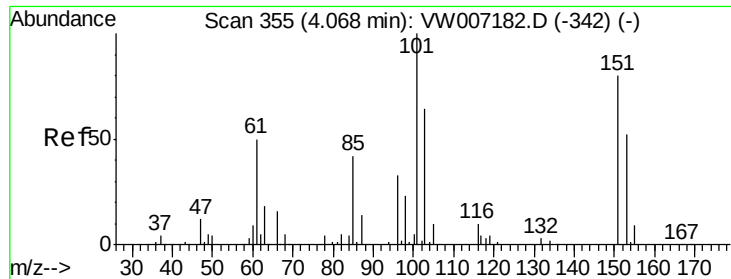


#8

Diethyl Ether
Concen: 50.598 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 74 Resp: 28176
Ion Ratio Lower Upper
74 100
45 94.4 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.854 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

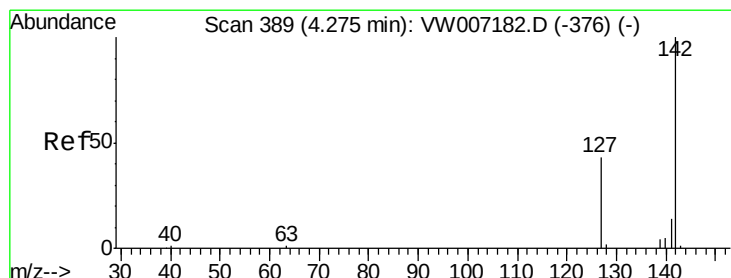
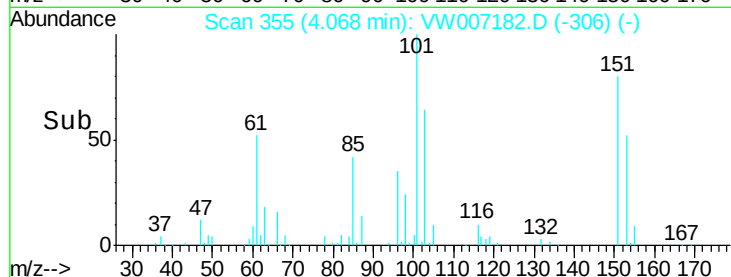
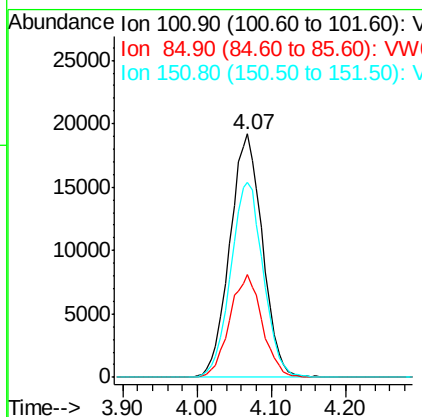
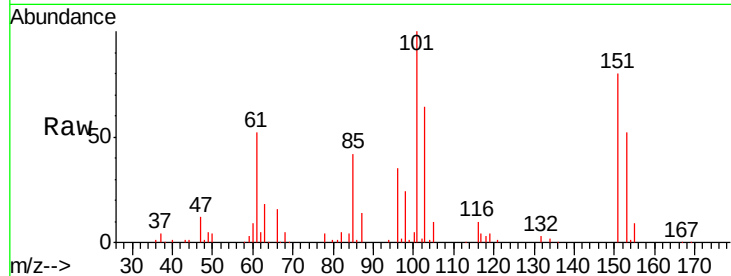
ClientSampleId :

VSTDICCC050

Tgt Ion:	101	Resp:	58957
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.4	50.2
151	79.9	63.9	95.9

Manual Integrations
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#10

Methyl Iodide

Concen: 48.931 ug/l

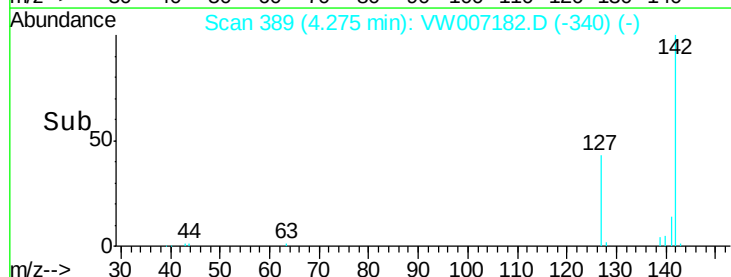
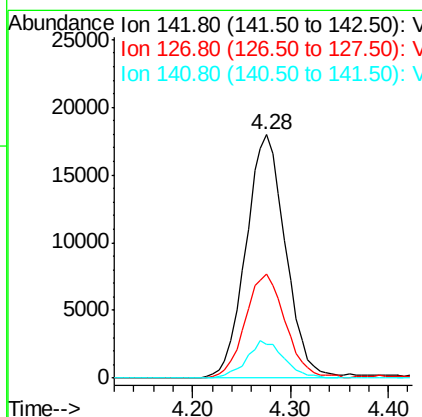
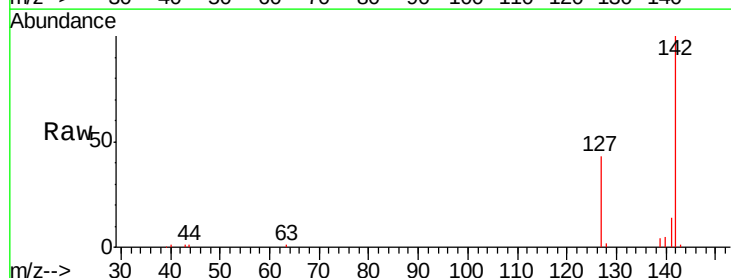
RT: 4.28 min Scan# 389

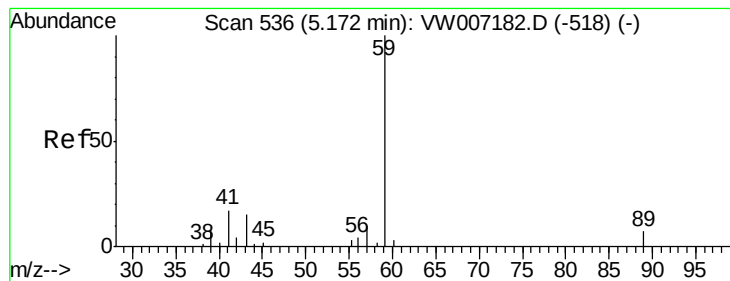
Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Tgt Ion:	142	Resp:	50303
Ion Ratio	Lower	Upper	
142	100		
127	43.6	34.9	52.3
141	14.6	11.7	17.5





#11

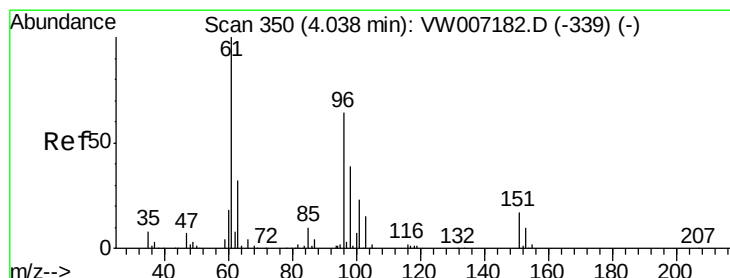
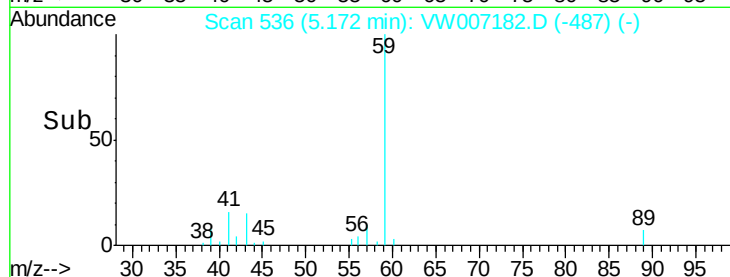
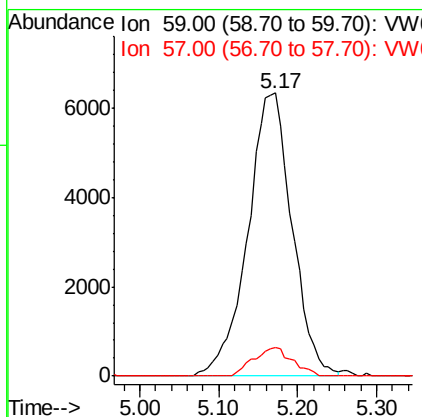
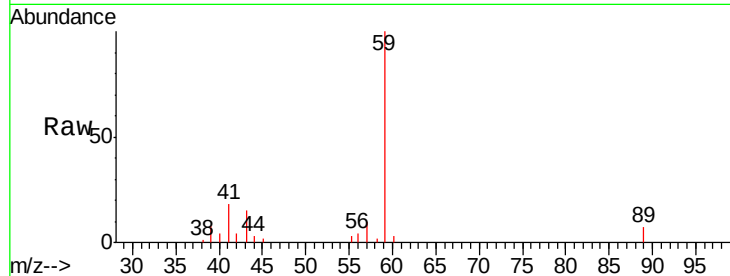
Tert butyl alcohol
 Concen: 192.437 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.9	7.1	10.7

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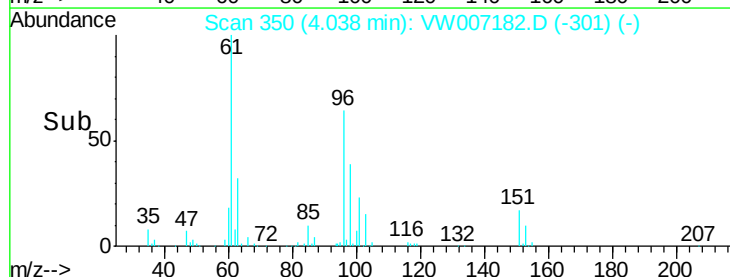
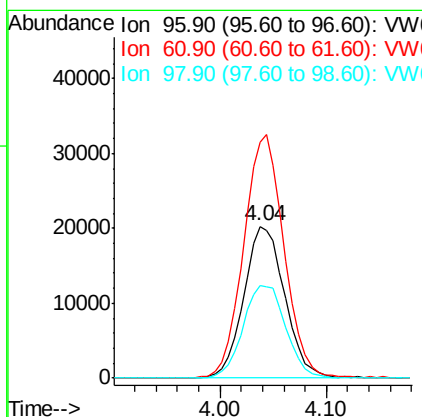
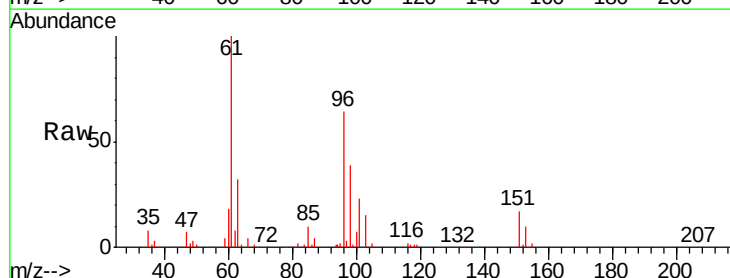
apatel
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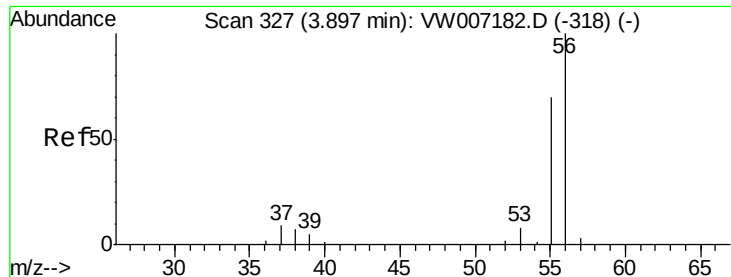


#12

1,1-Dichloroethene
 Concen: 48.341 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.1	124.1	186.1
98	60.7	48.6	72.8





#13

Acrolein

Concen: 248.359 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 19138

Ion Ratio Lower Upper

56 100

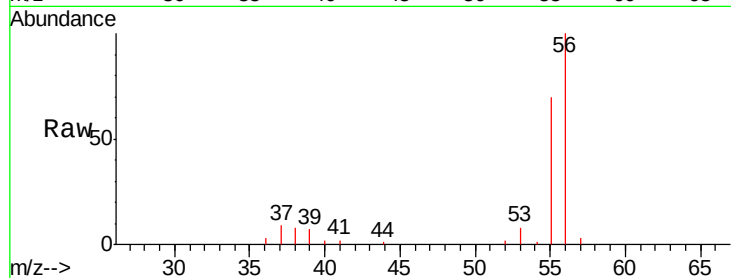
55 71.1 56.9 85.3

Manual Integrations

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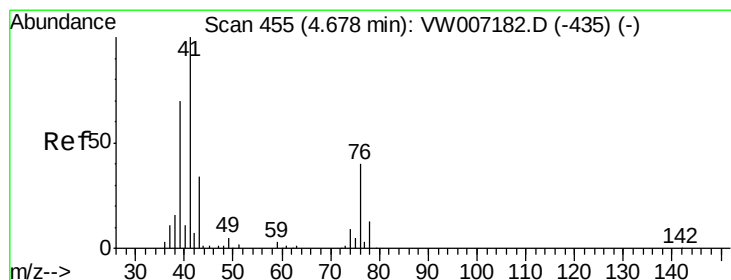
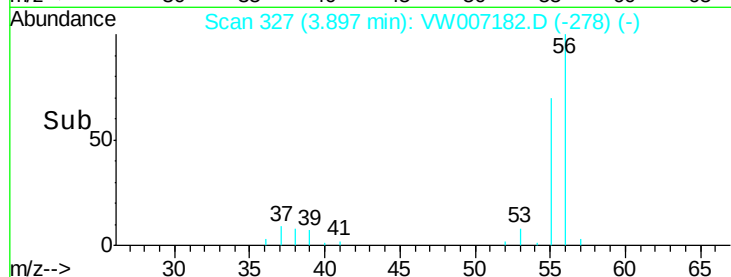
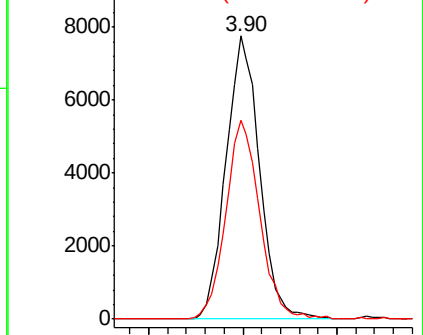
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 49.584 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

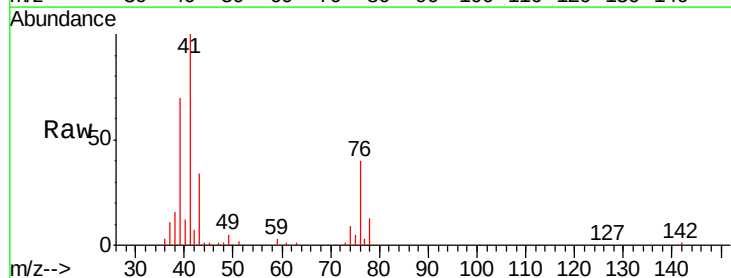
Tgt Ion: 41 Resp: 89887

Ion Ratio Lower Upper

41 100

39 69.9 55.9 83.9

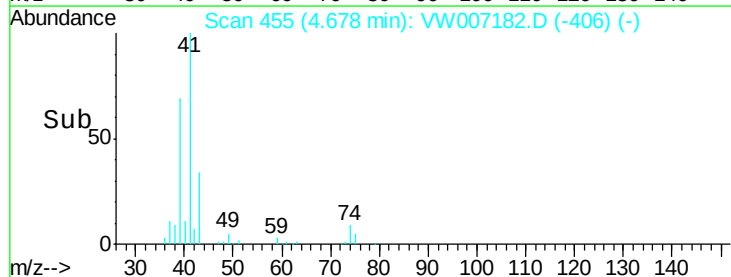
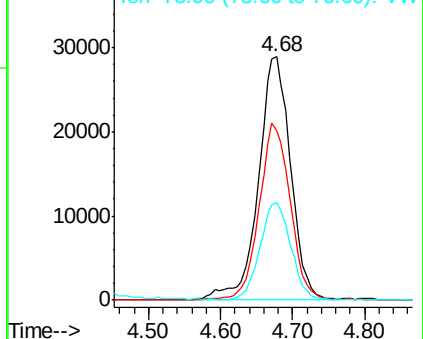
76 38.5 30.8 46.2

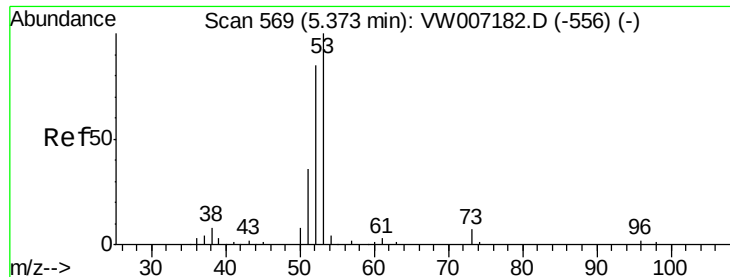


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





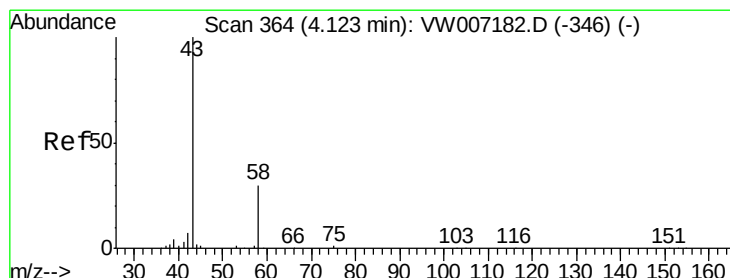
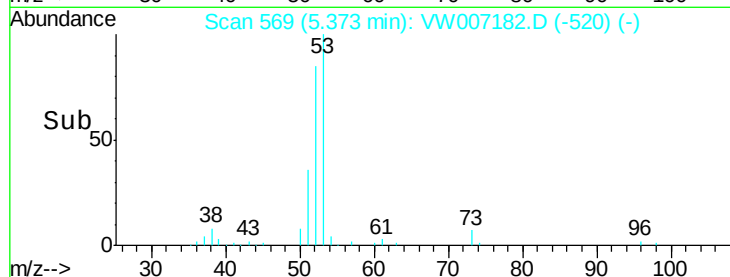
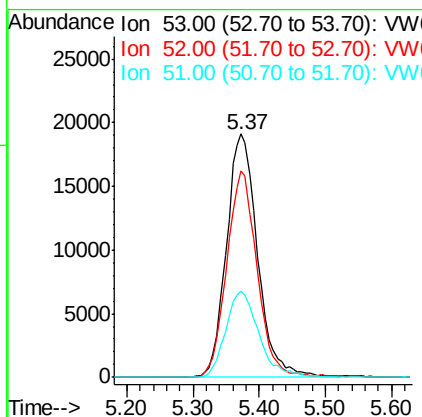
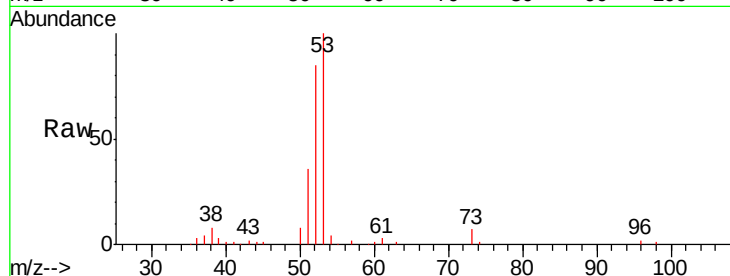
#15
 Acrylonitrile
 Concen: 266.940 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	53	Resp:	62142
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.1	99.1
51	37.9	30.3	45.5

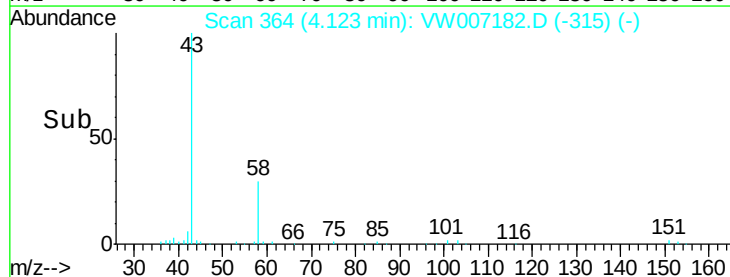
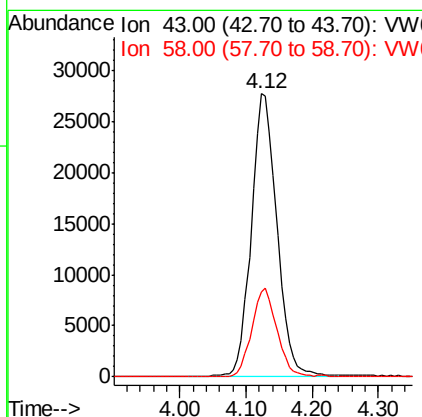
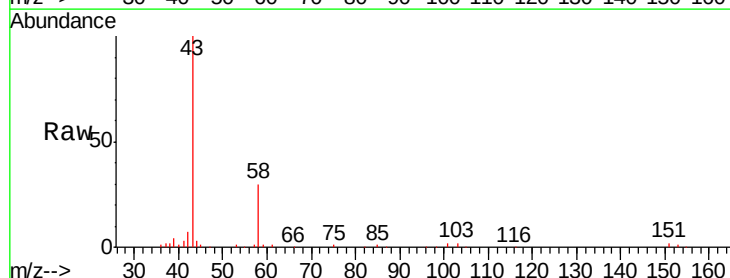
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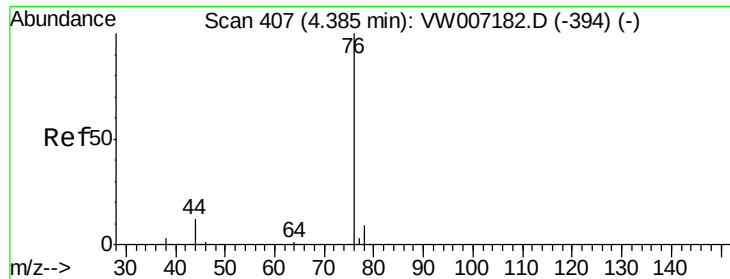
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#16
 Acetone
 Concen: 289.431 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion:	43	Resp:	75352
Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.8	35.8





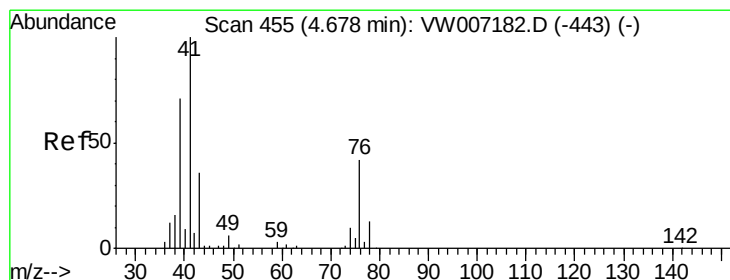
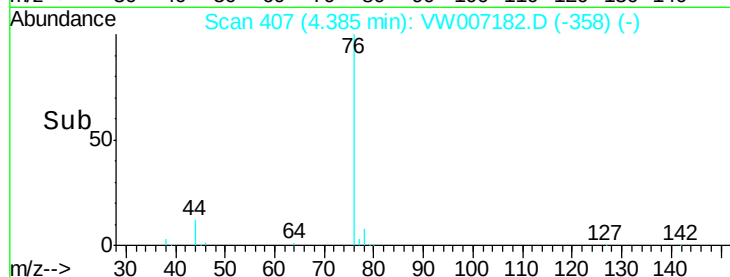
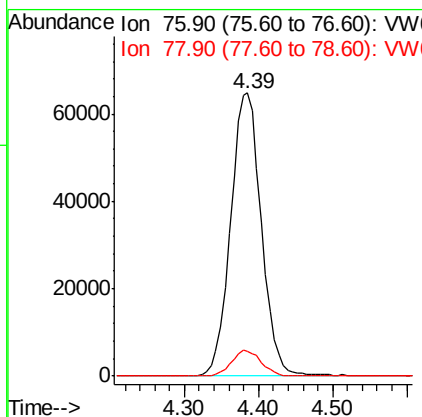
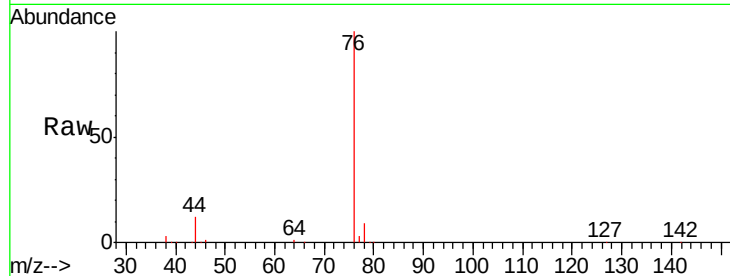
#17
Carbon Disulfide
Concen: 50.054 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 186600
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

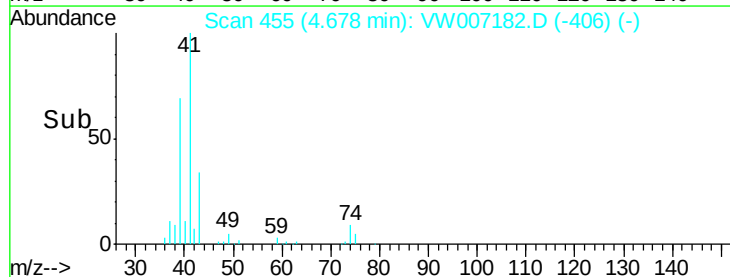
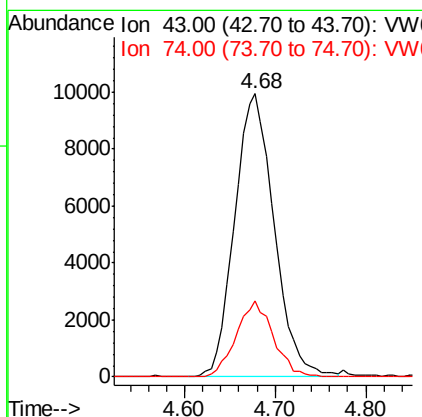
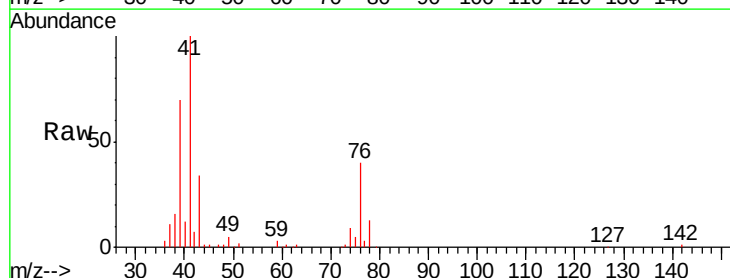
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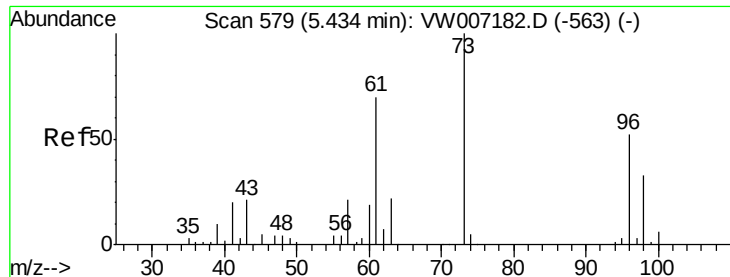
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#18
Methyl Acetate
Concen: 50.612 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 43 Resp: 30077
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1





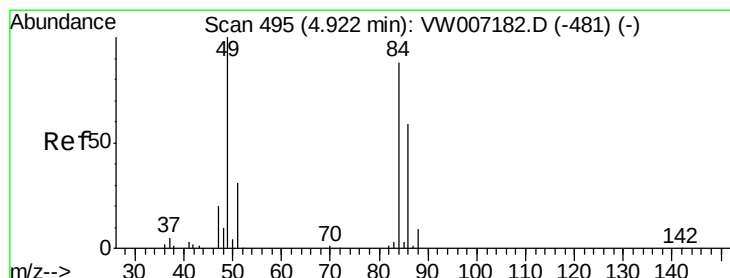
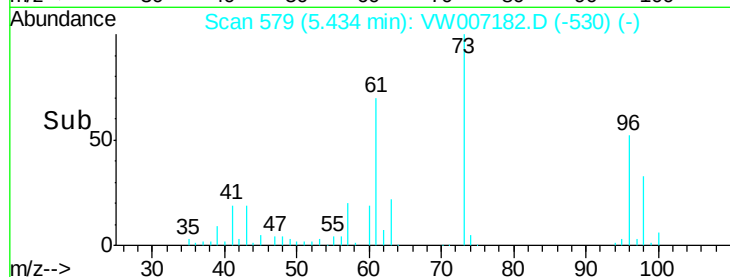
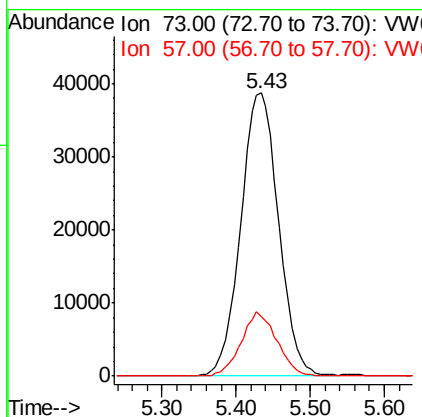
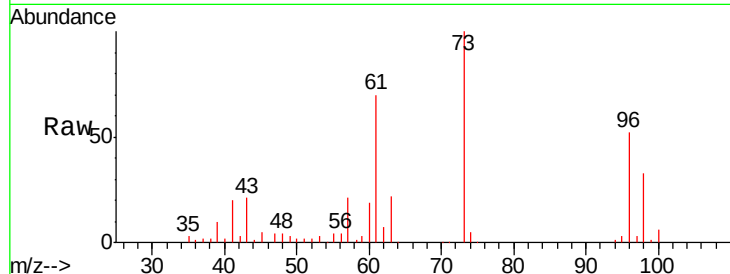
#19
Methyl tert-butyl Ether
Concen: 51.740 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 137772
Ion Ratio Lower Upper
73 100
57 20.8 16.6 25.0

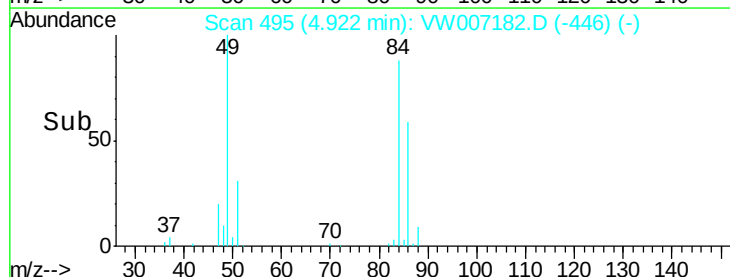
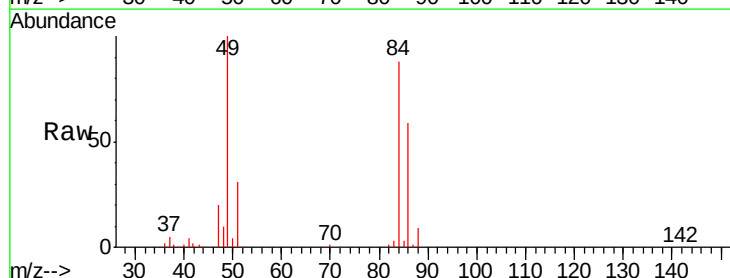
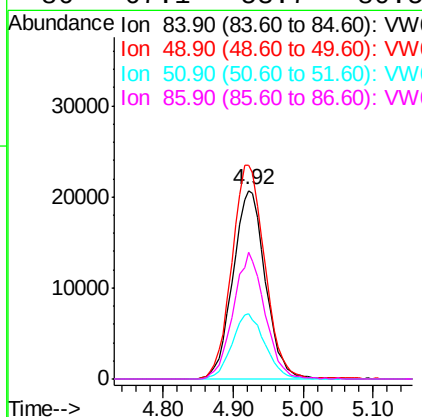
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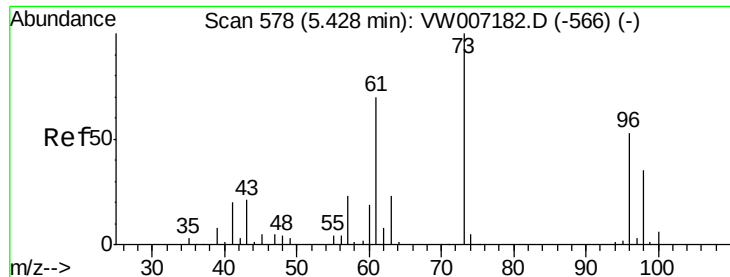
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#20
Methylene Chloride
Concen: 43.152 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 84 Resp: 66808
Ion Ratio Lower Upper
84 100
49 113.2 90.6 135.8
51 34.5 27.6 41.4
86 67.1 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 49.449 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

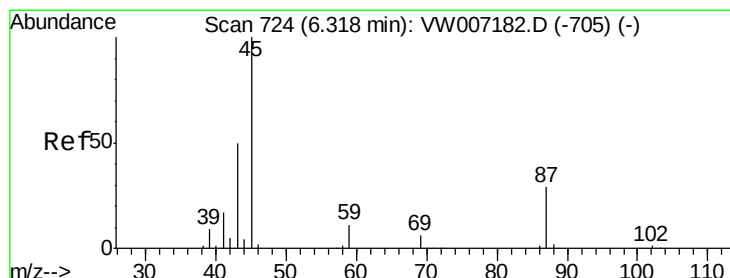
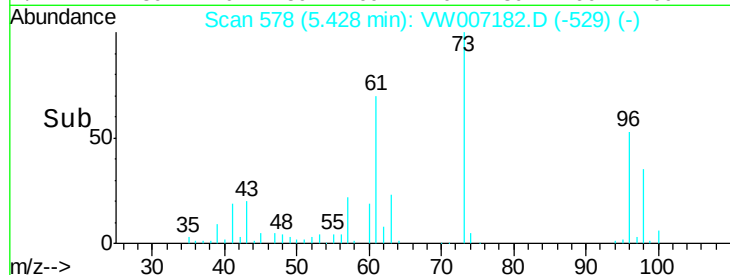
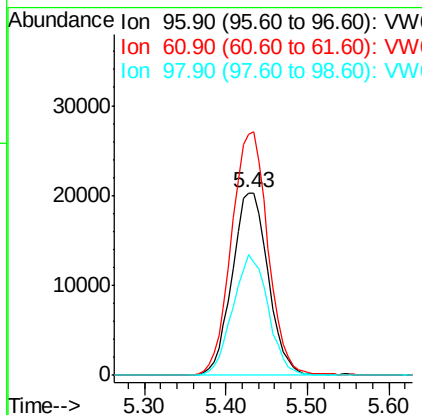
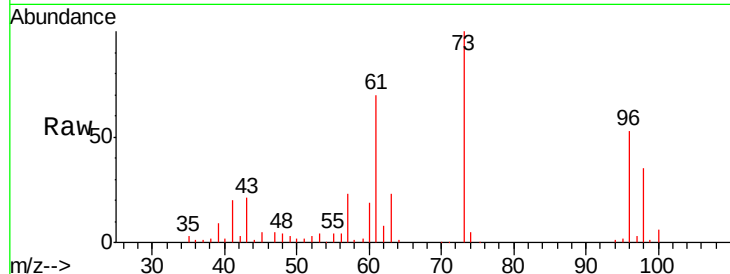
ClientSampleId :

VSTDICCC050

Tgt Ion:	96	Resp:	62445
Ion	Ratio	Lower	Upper
96	100		
61	131.9	105.5	158.3
98	65.8	52.6	79.0

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#22

Diisopropyl ether

Concen: 52.329 ug/l

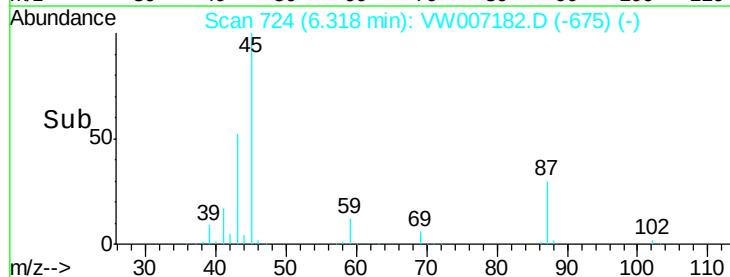
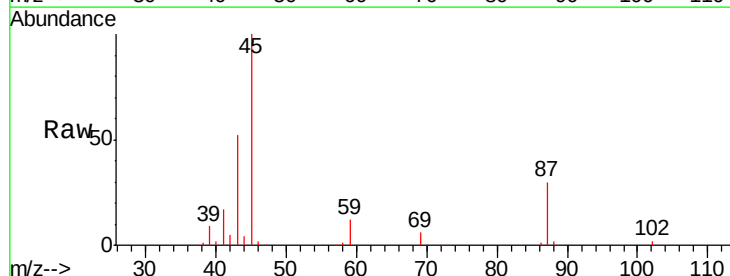
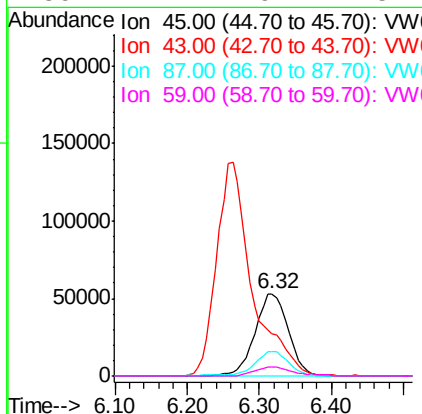
RT: 6.32 min Scan# 724

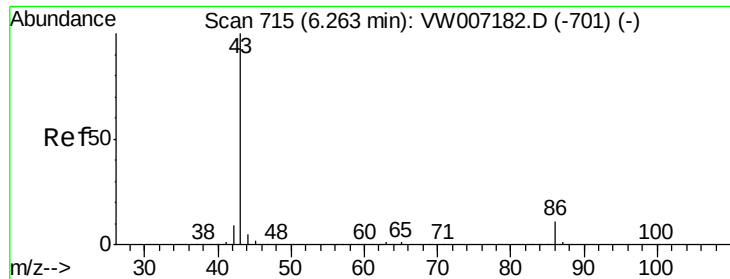
Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Tgt Ion:	45	Resp:	170295
Ion	Ratio	Lower	Upper
45	100		
43	51.0	40.8	61.2
87	30.0	24.0	36.0
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 266.074 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 472466

Ion Ratio Lower Upper

43 100

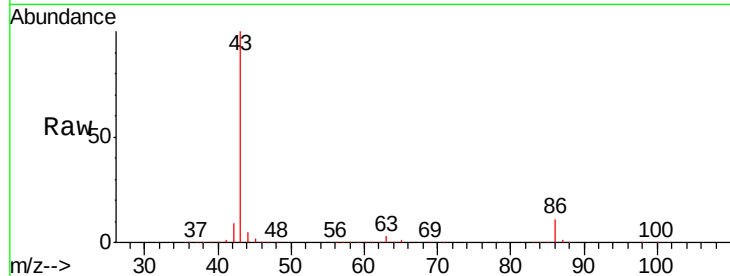
86 11.3 9.0 13.6

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

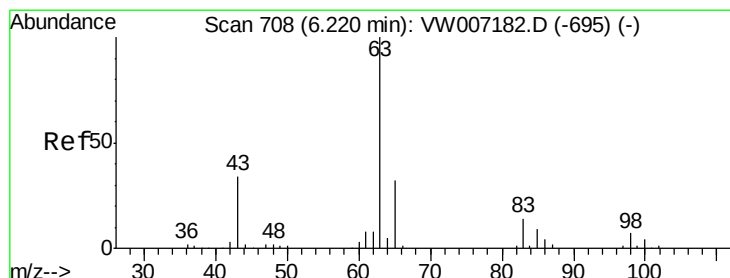
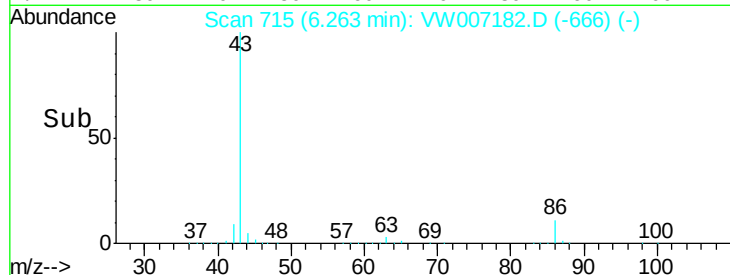
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.818 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

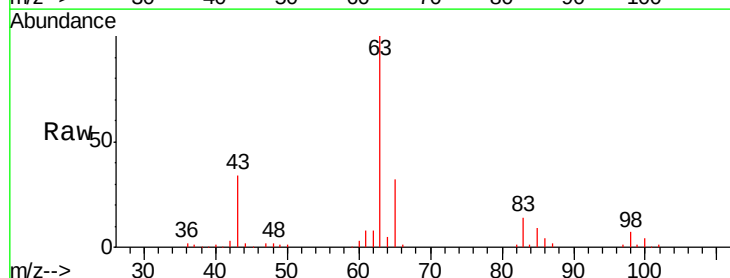
Tgt Ion: 63 Resp: 103910

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.1 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

6.22

40000

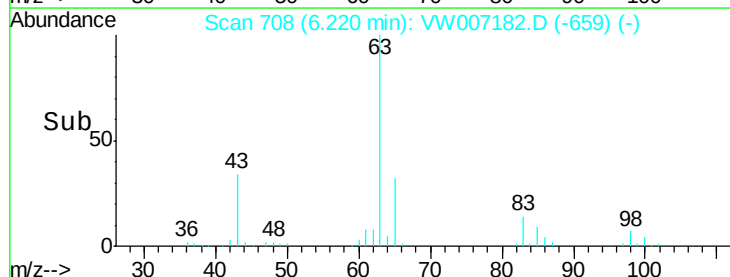
30000

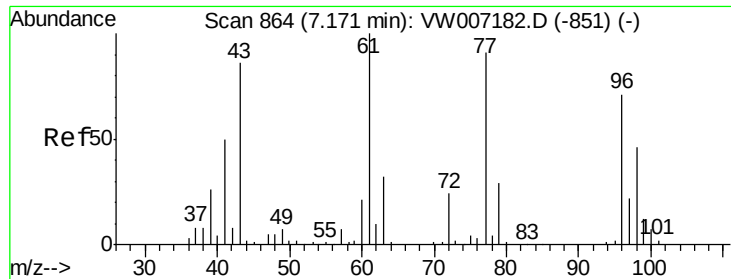
20000

10000

0

Time-->





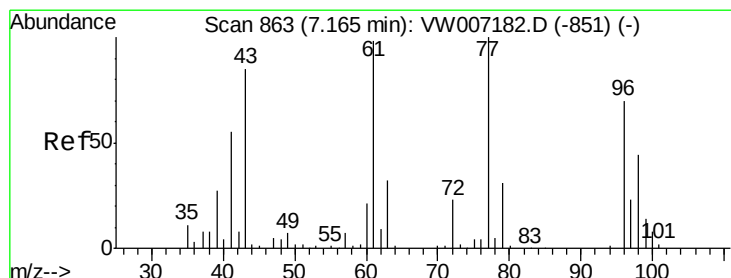
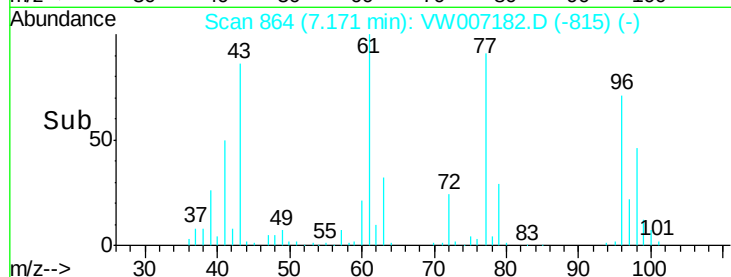
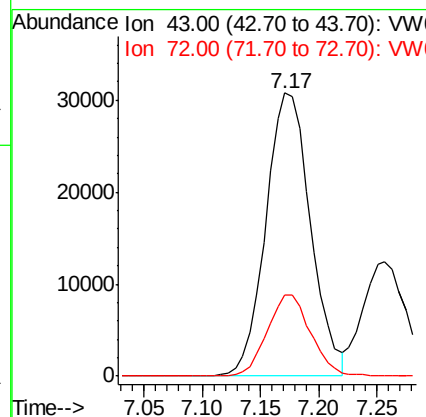
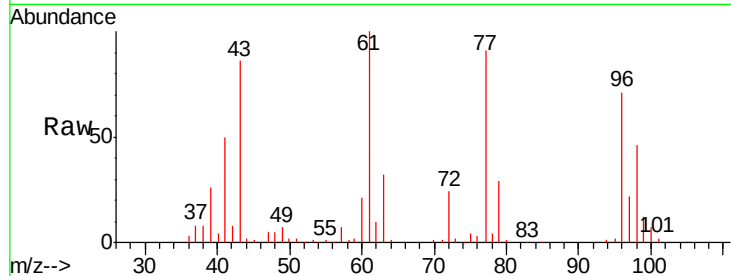
#25
2-Butanone
Concen: 270.868 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 81746
Ion Ratio Lower Upper
43 100
72 28.5 22.8 34.2

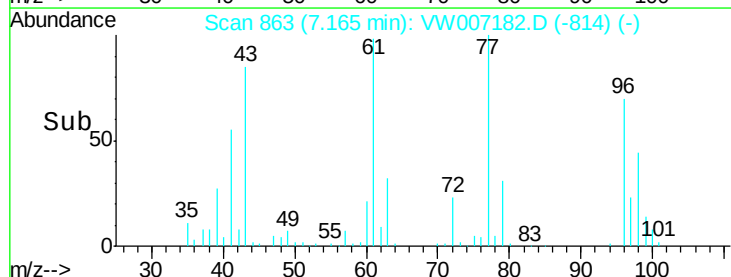
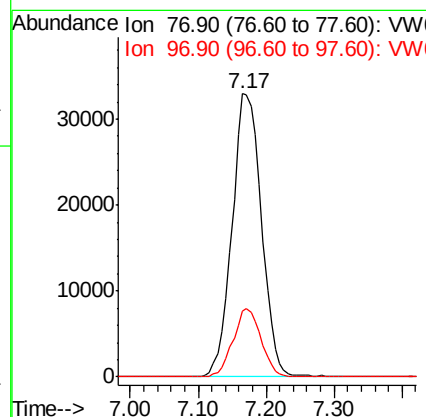
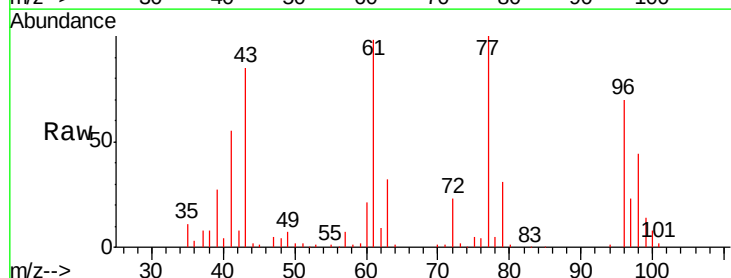
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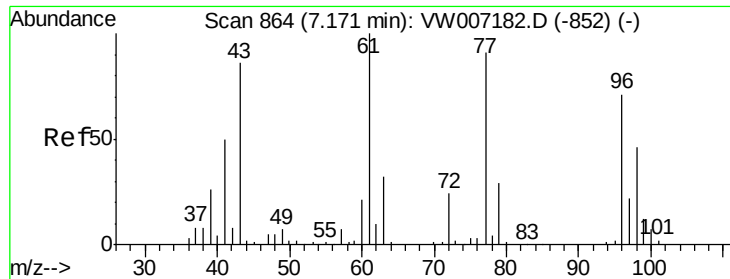
apatel
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#26
2,2-Dichloropropane
Concen: 49.328 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 77 Resp: 98874
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.4





#27

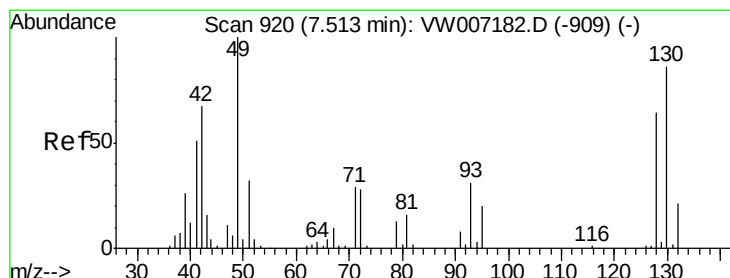
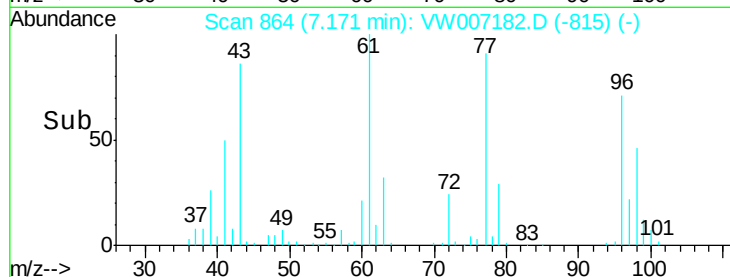
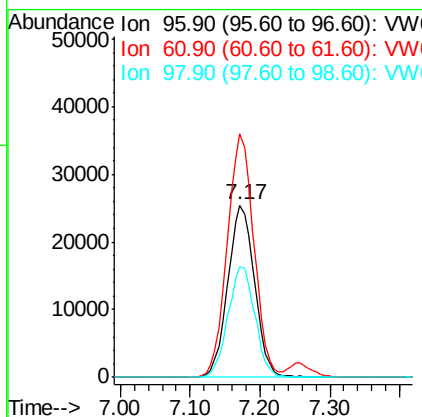
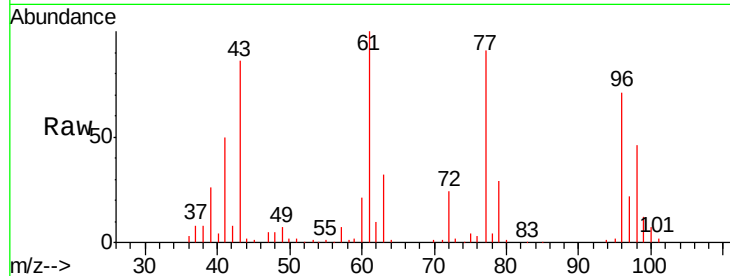
cis-1,2-Dichloroethene
Concen: 49.853 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	282.4
98	64.9	0.0	129.8

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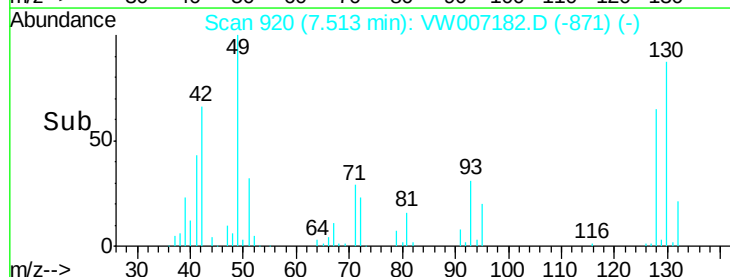
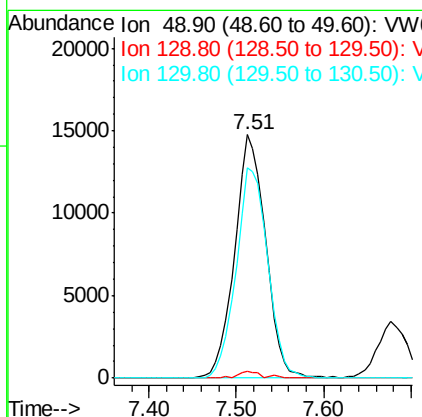
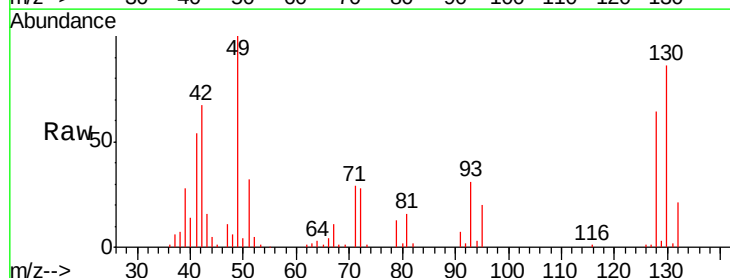
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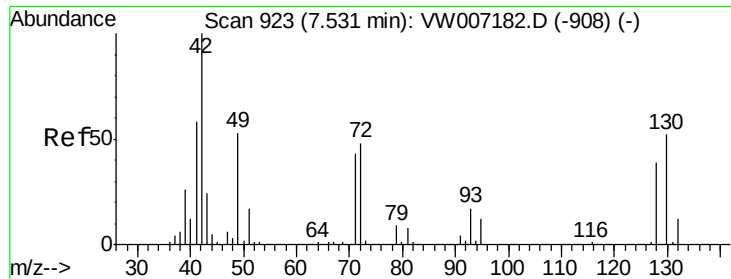


#28

Bromochloromethane
Concen: 48.343 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	87.9	70.3	105.5





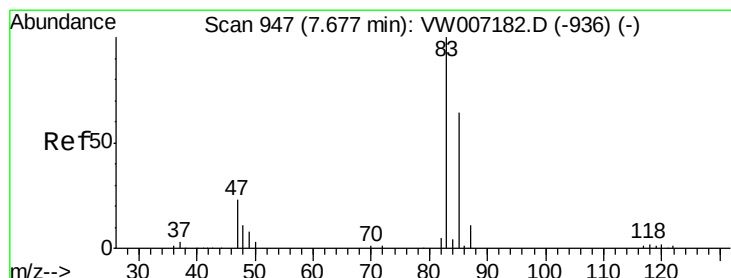
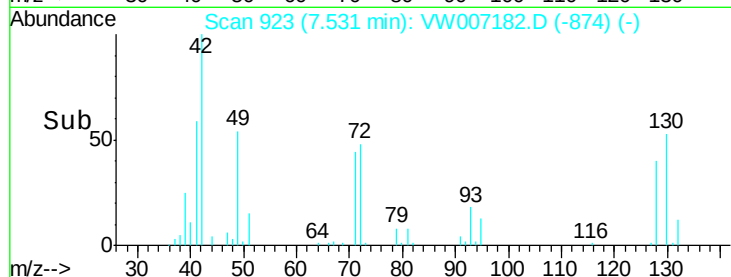
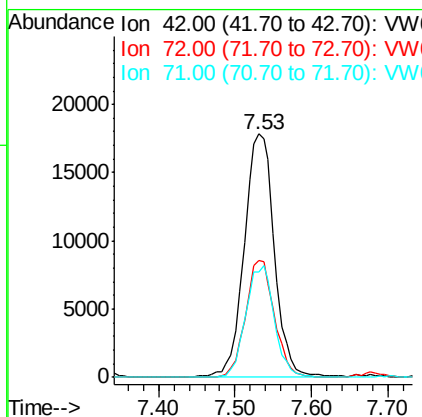
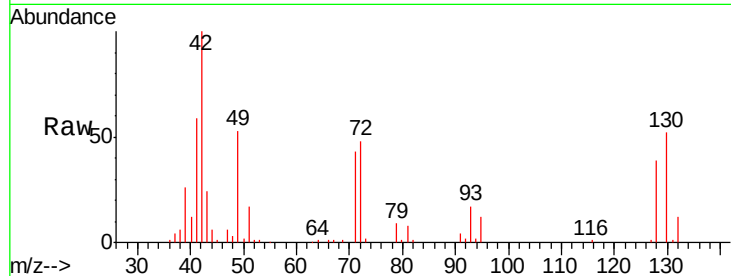
#29
Tetrahydrofuran
Concen: 262.688 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.6	55.0
71	43.5	34.8	52.2

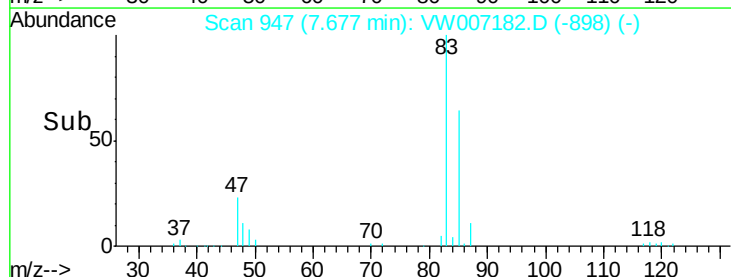
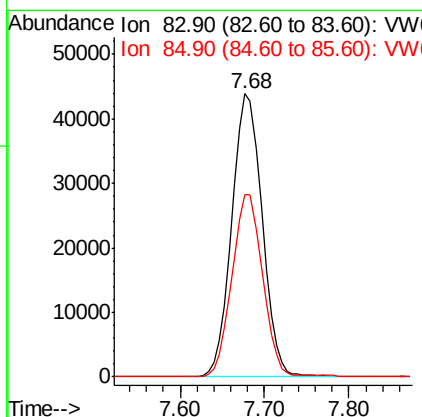
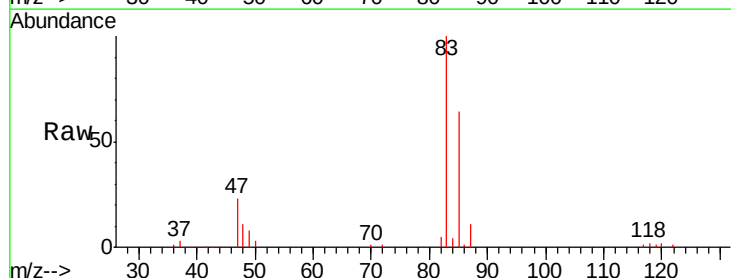
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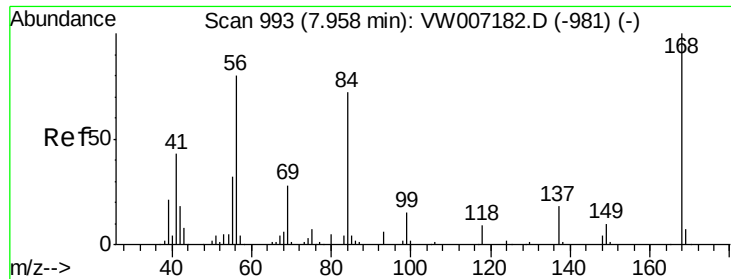
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#30
Chloroform
Concen: 49.448 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





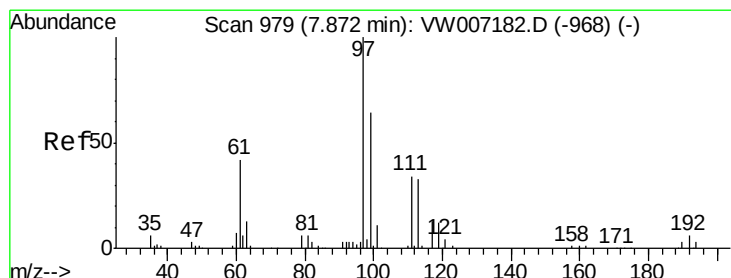
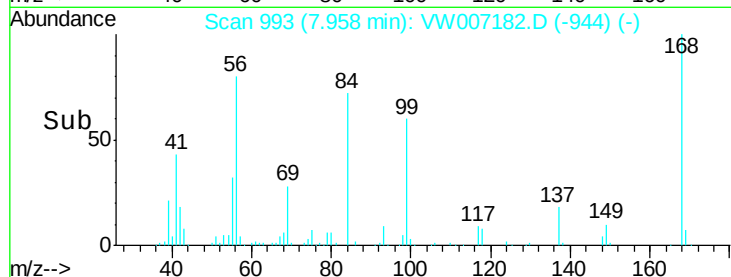
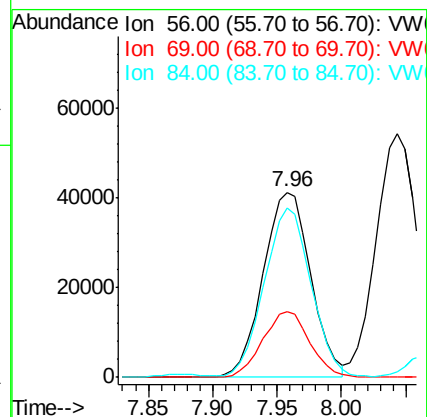
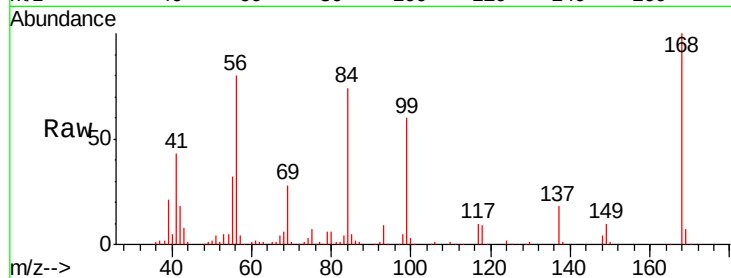
#31
Cyclohexane
Concen: 48.400 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.2	28.2	42.2
84	90.1	72.1	108.1

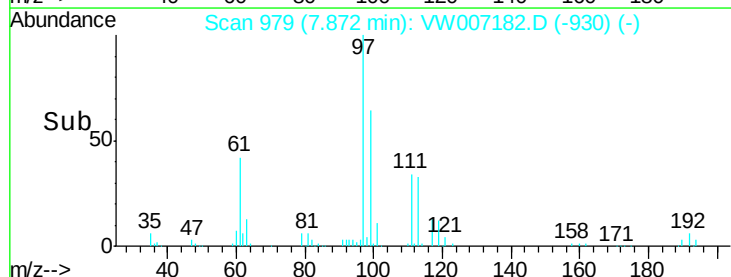
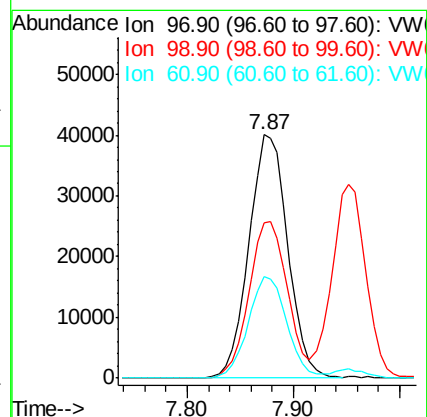
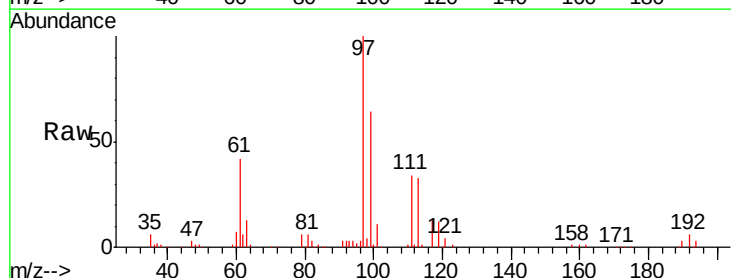
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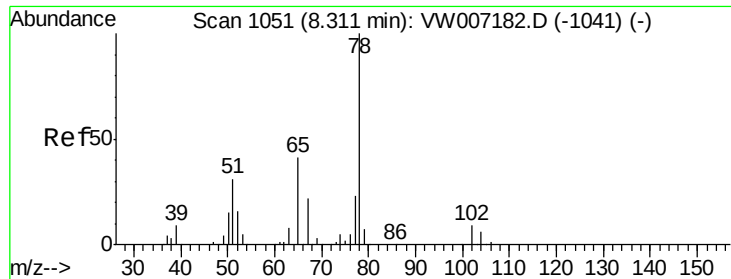
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#32
1,1,1-Trichloroethane
Concen: 50.321 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	41.5	33.2	49.8





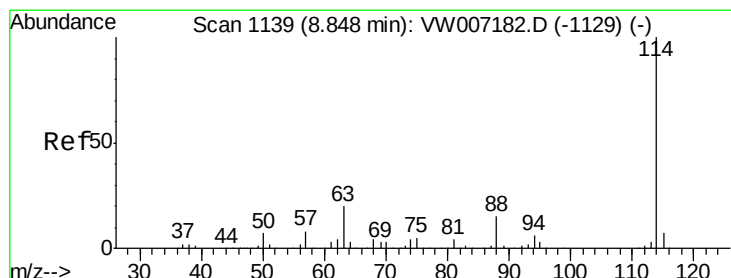
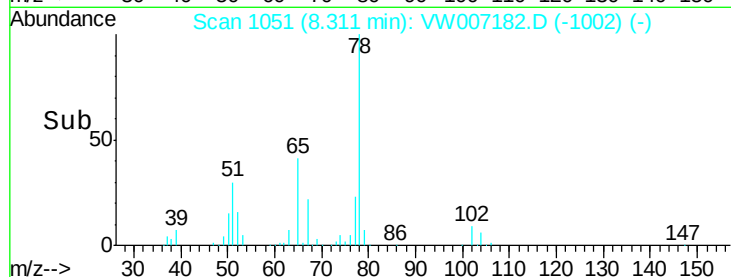
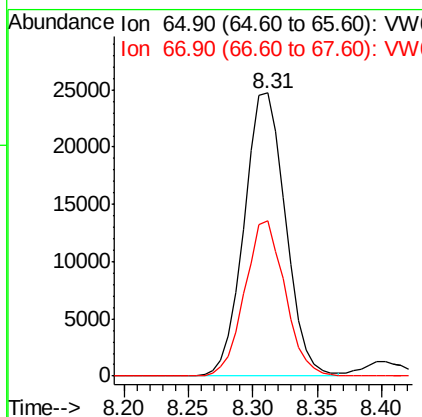
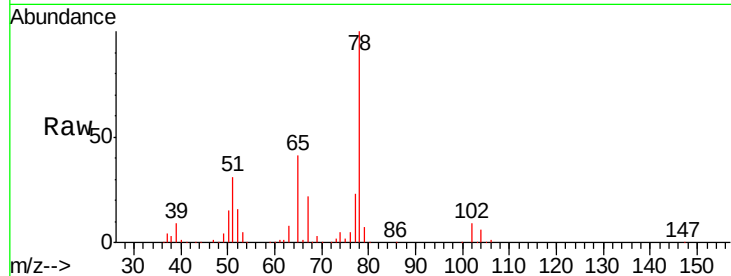
#33
 1,2-Dichloroethane-d4
 Concen: 50.077 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tgt Ion: 65 Resp: 55072
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.4

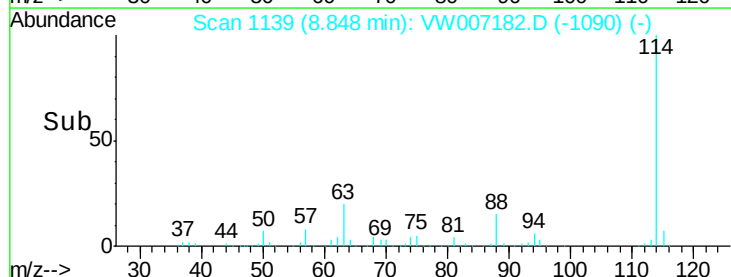
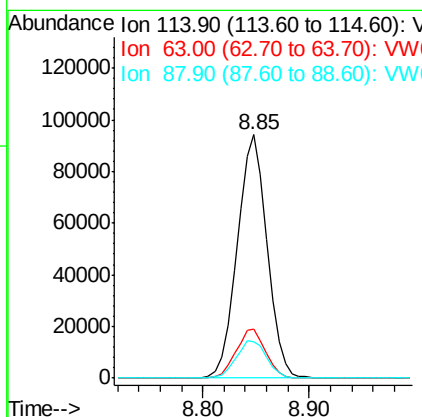
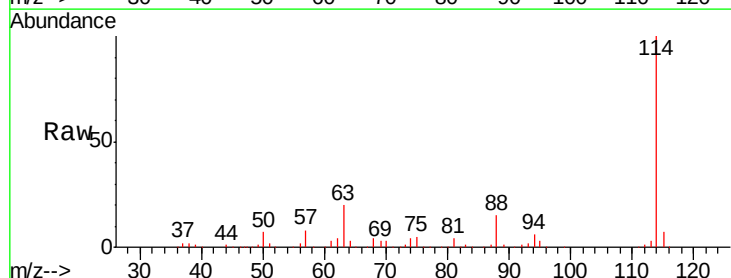
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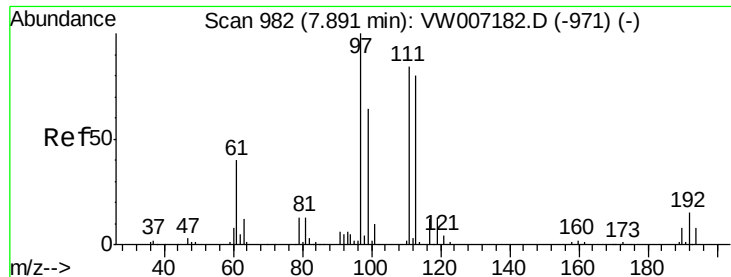
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion: 114 Resp: 185176
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.2
 88 15.0 0.0 30.0





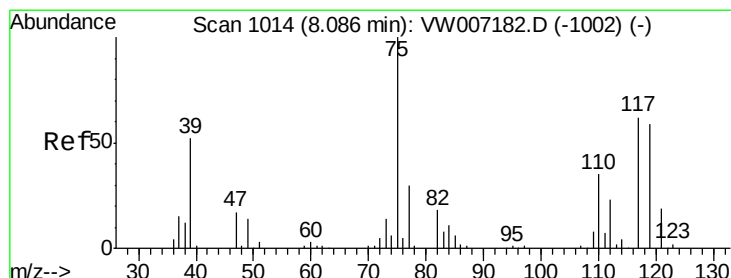
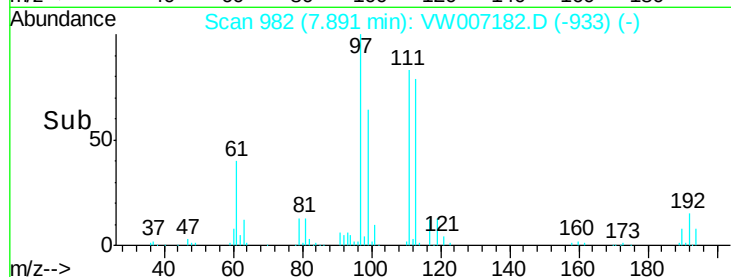
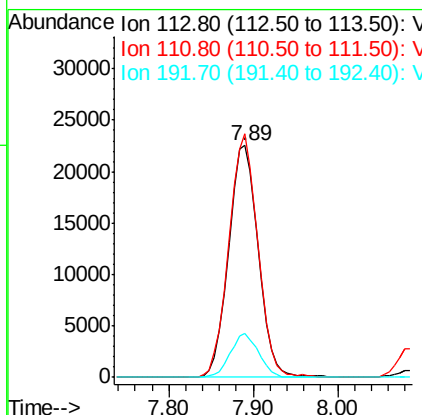
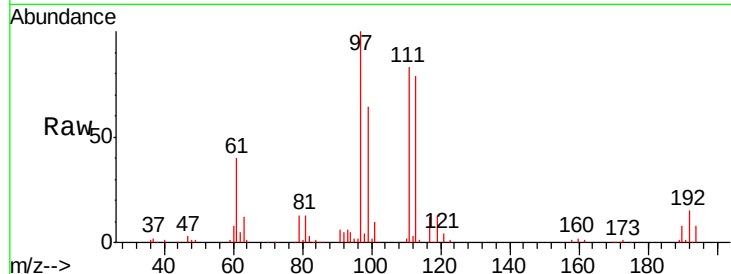
#35
 Dibromofluoromethane
 Concen: 50.726 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	53785		
111	102.8	82.2	123.4	
192	18.0	14.4	21.6	

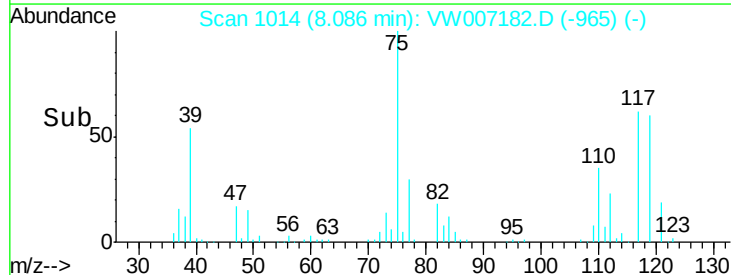
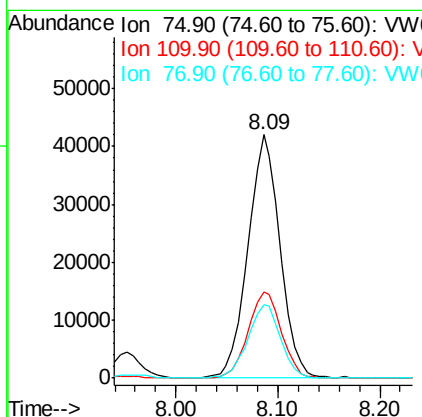
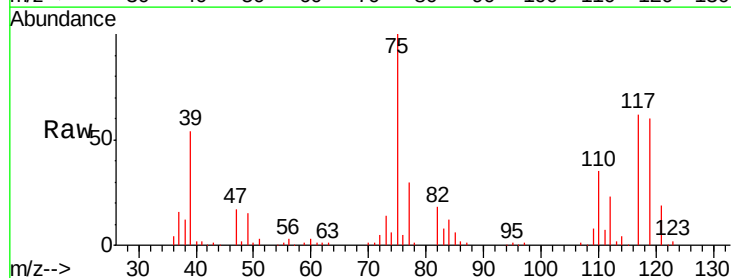
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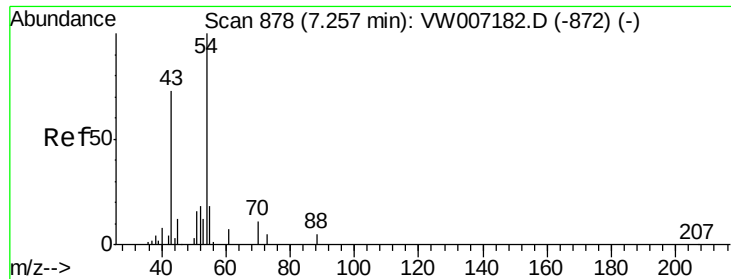
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#36
 1,1-Dichloropropene
 Concen: 51.272 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	92381		
110	36.6	18.3	54.9	
77	31.1	24.9	37.3	





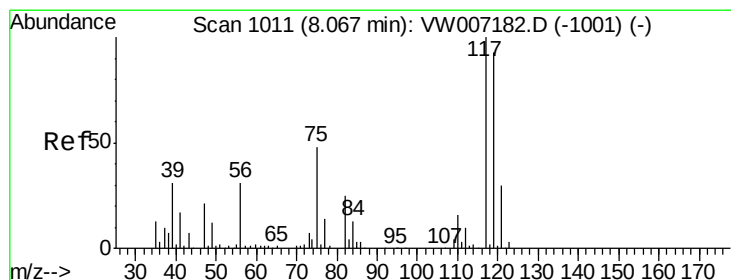
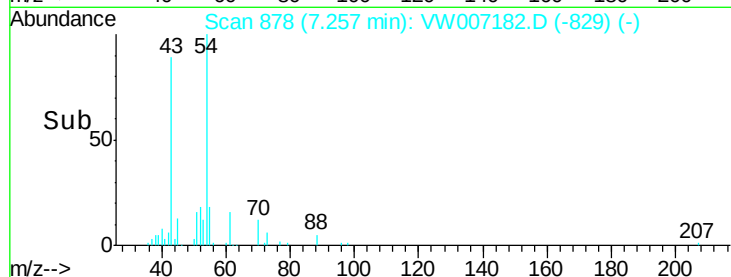
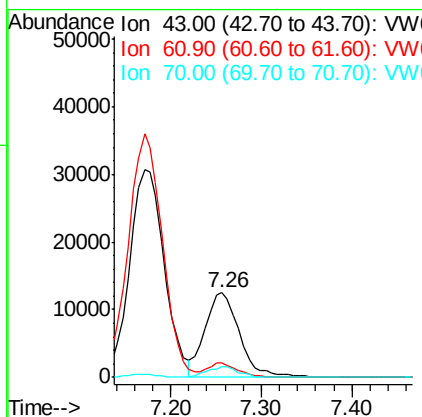
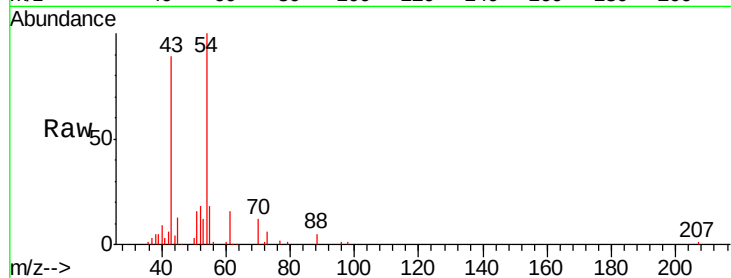
#37
Ethyl Acetate
Concen: 51.538 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	11.4	9.1	13.7

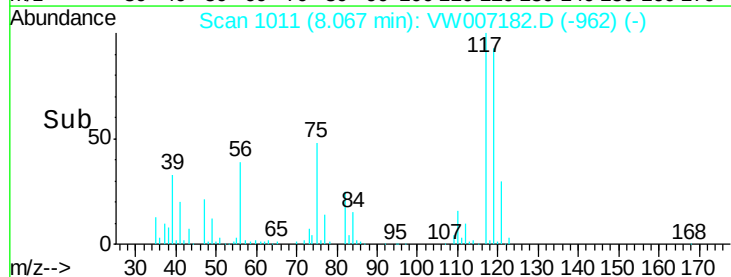
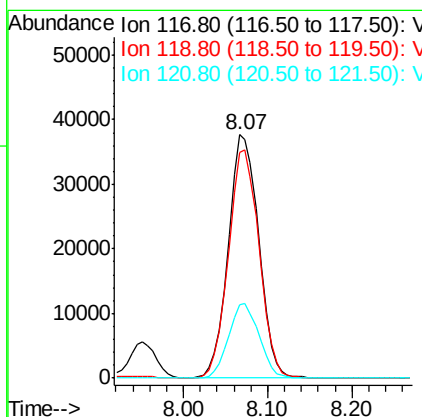
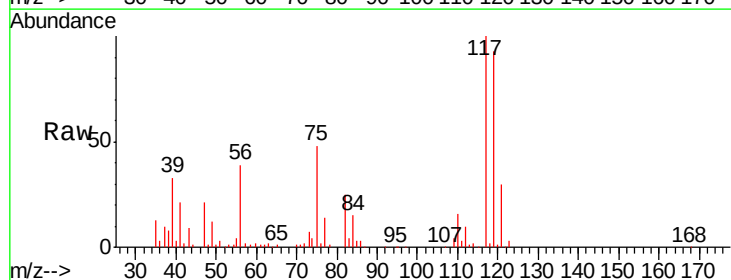
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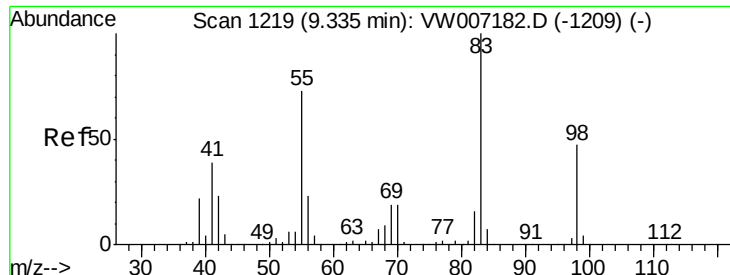
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#38
Carbon Tetrachloride
Concen: 50.209 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.1	111.1
121	29.9	23.9	35.9





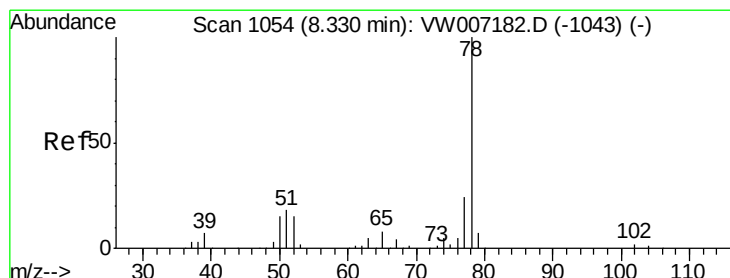
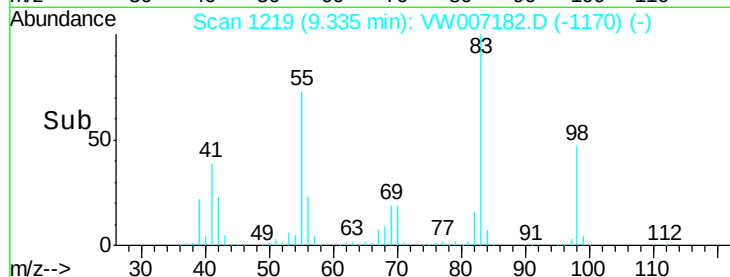
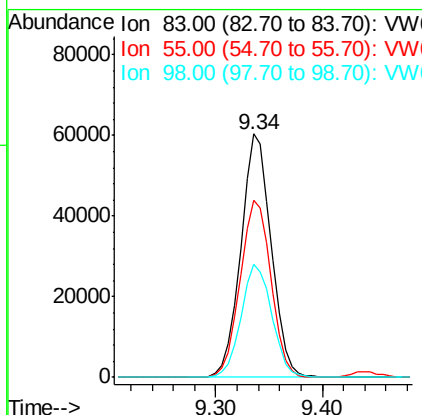
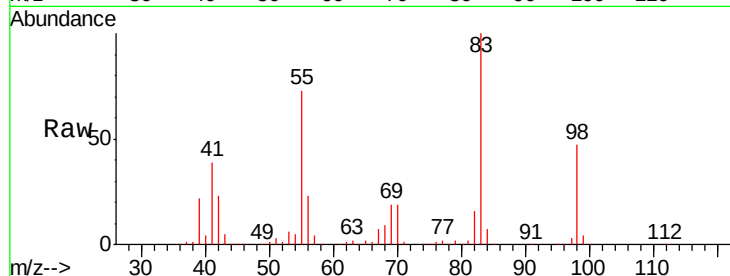
#39
Methylcyclohexane
Concen: 50.163 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.6	58.1	87.1
98	46.6	37.3	55.9

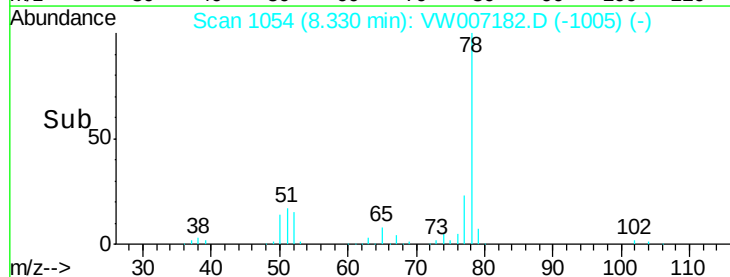
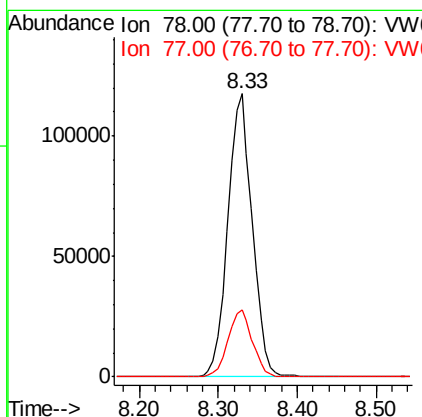
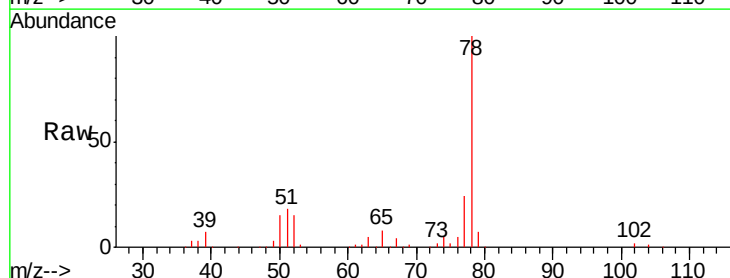
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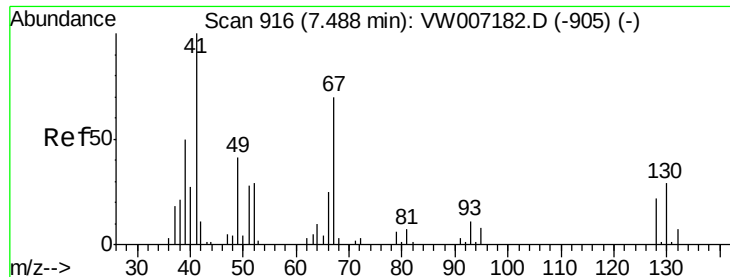
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#40
Benzene
Concen: 51.161 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





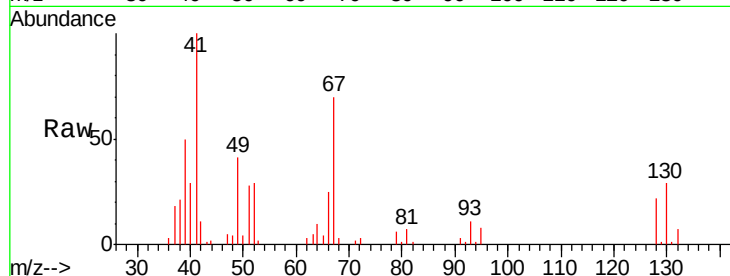
#41
Methacrylonitrile
Concen: 54.656 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

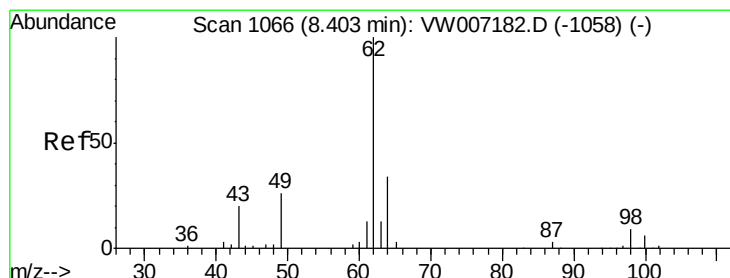
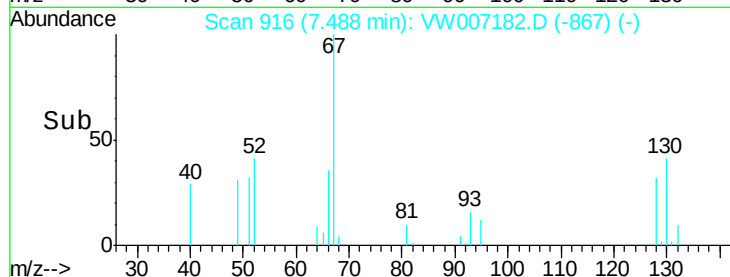
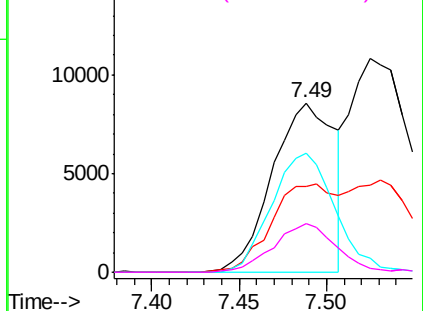
Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.4	65.0
67	71.7	57.4	86.0
52	29.1	23.3	34.9

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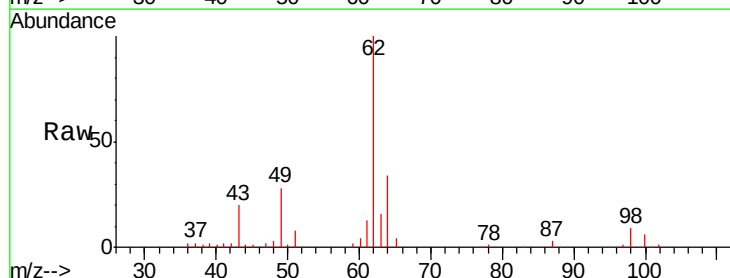


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

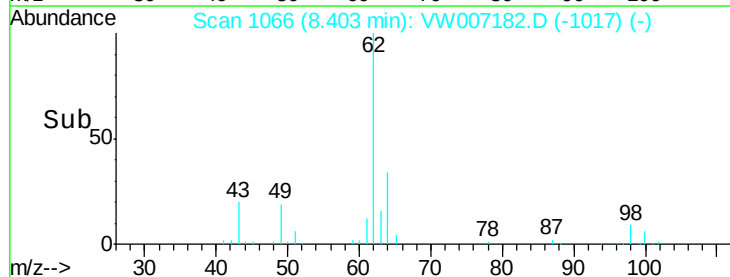
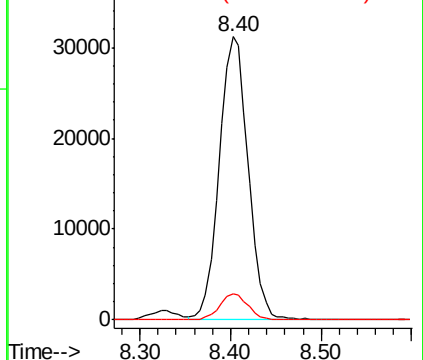


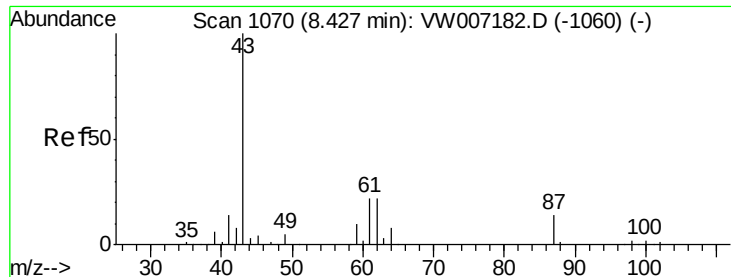
#42
1,2-Dichloroethane
Concen: 50.074 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 52.844 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

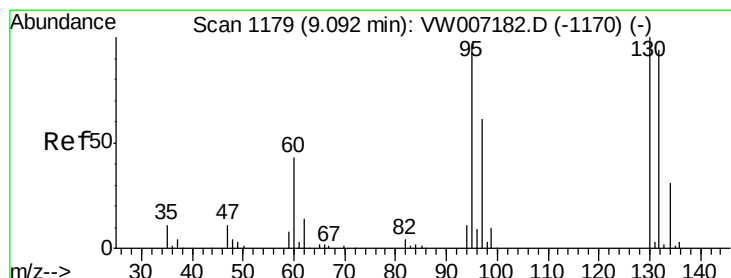
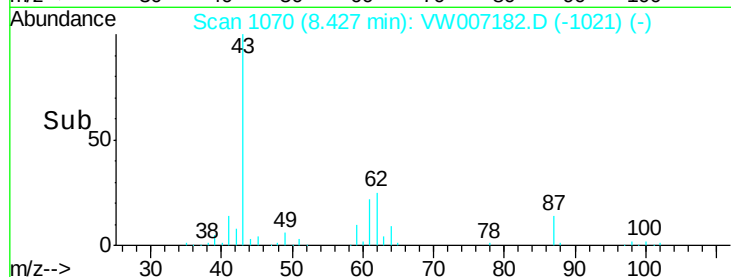
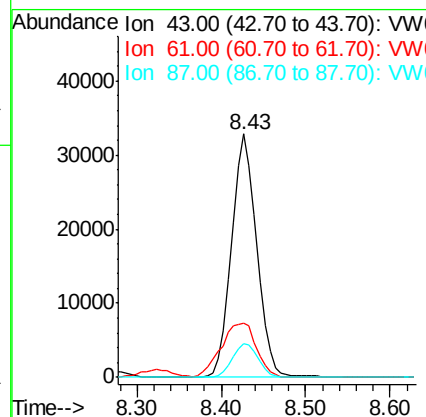
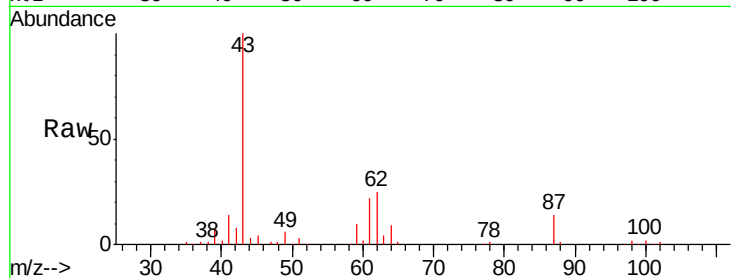
ClientSampled :

VSTDICCC050

Tgt Ion:	43	Resp:	66892
Ion	Ratio	Lower	Upper
43	100		
61	31.7	25.4	38.0
87	14.2	11.4	17.0

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#44

Trichloroethene

Concen: 51.763 ug/l

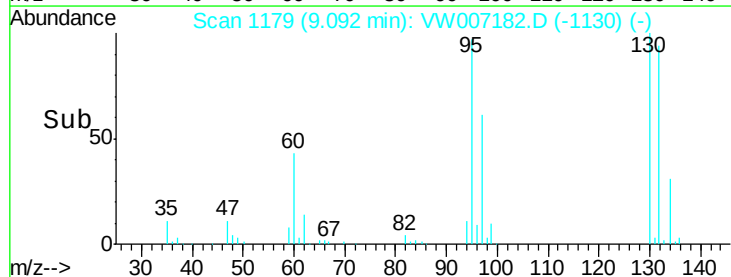
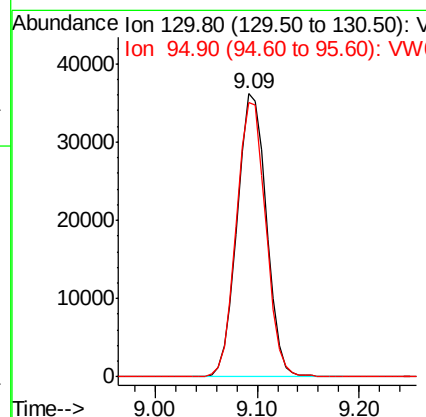
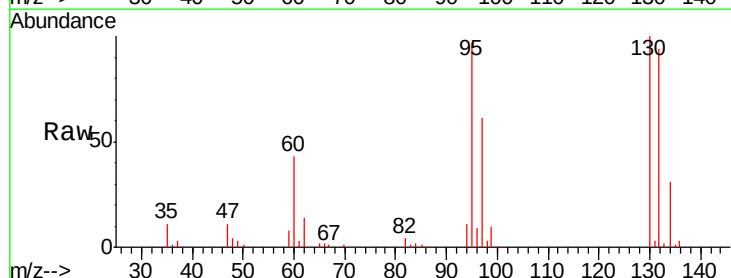
RT: 9.09 min Scan# 1179

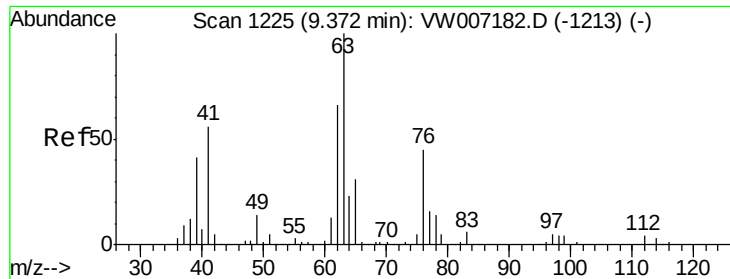
Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Tgt Ion:	130	Resp:	71889
Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	194.0





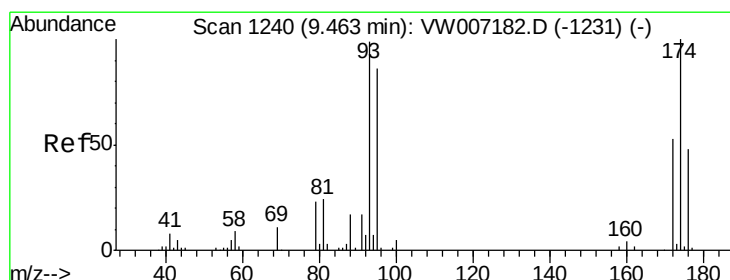
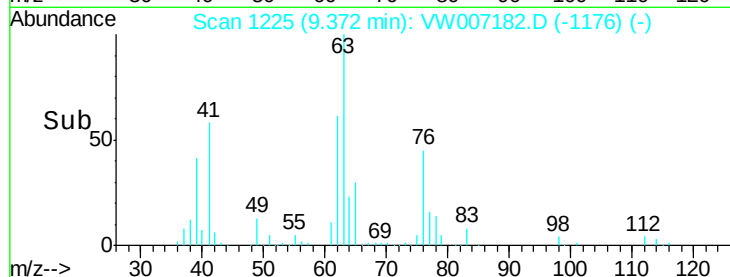
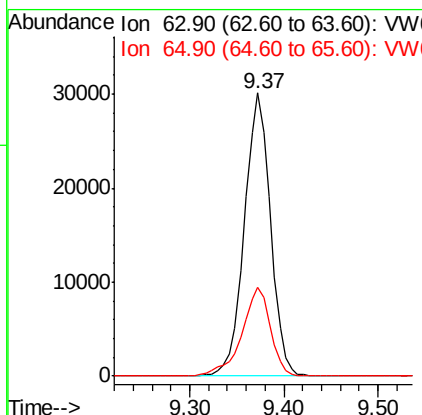
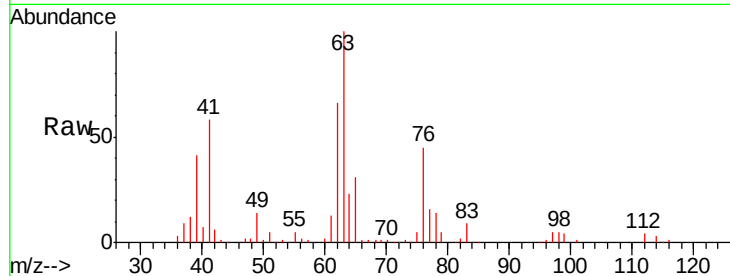
#45
 1,2-Dichloropropane
 Concen: 50.831 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 63 Resp: 58443
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4

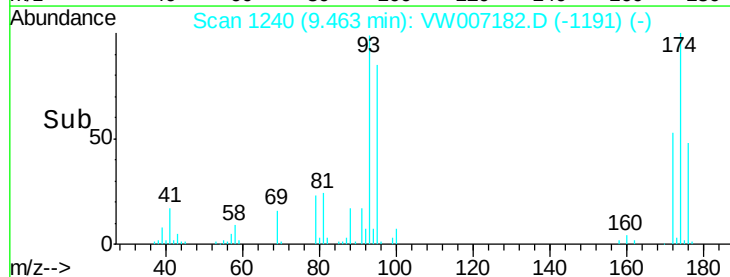
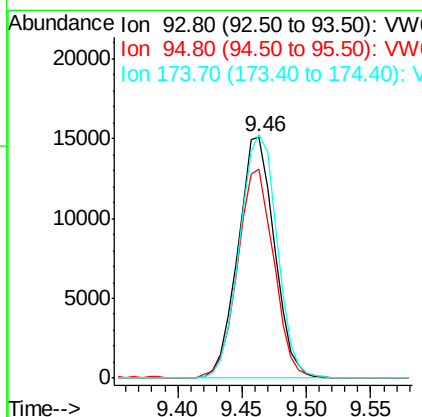
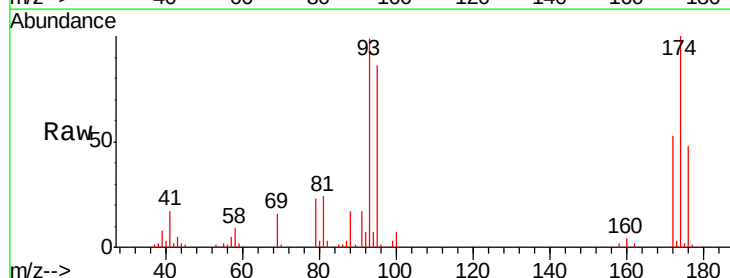
Manual Integrations
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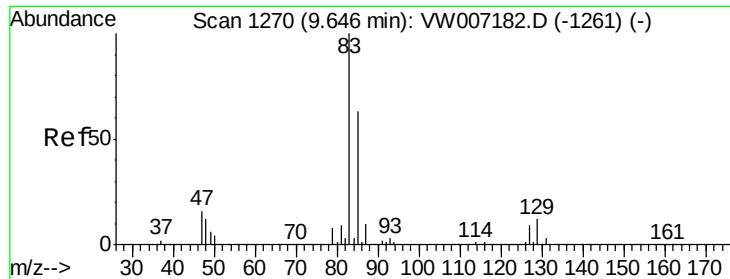
apatel
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#46
 Dibromomethane
 Concen: 49.536 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion: 93 Resp: 29595
 Ion Ratio Lower Upper
 93 100
 95 85.9 68.7 103.1
 174 103.6 82.9 124.3





#47

Bromodichloromethane

Concen: 50.878 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

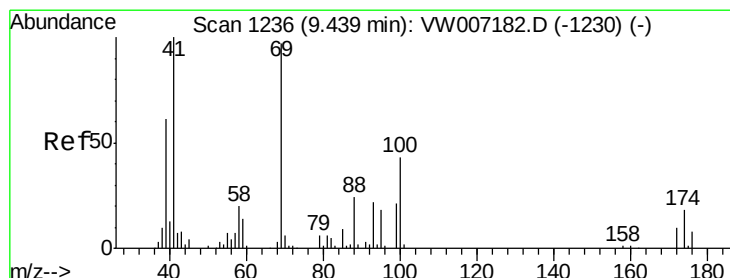
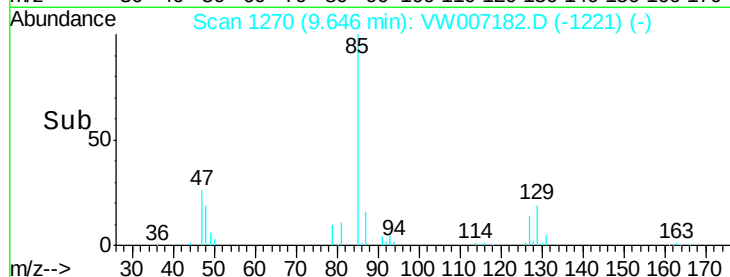
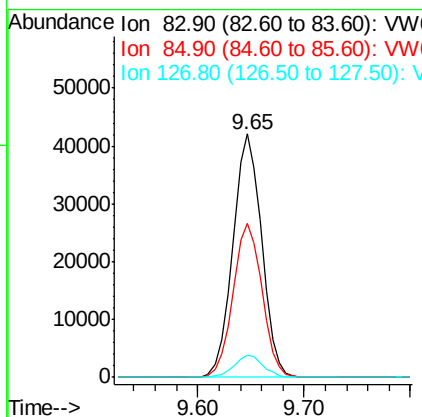
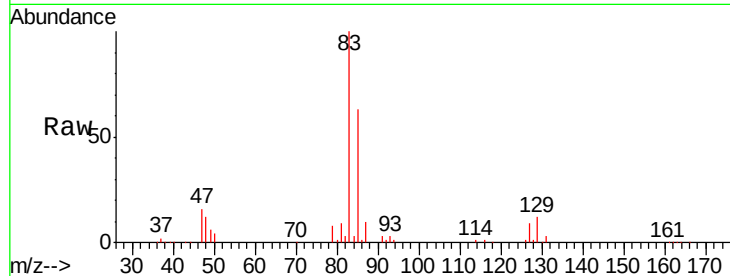
ClientSampleId :

VSTDICCC050

Tgt Ion:	83	Resp:	79956
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.6	76.0
127	9.1	7.3	10.9

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#48

Methyl methacrylate

Concen: 55.341 ug/l

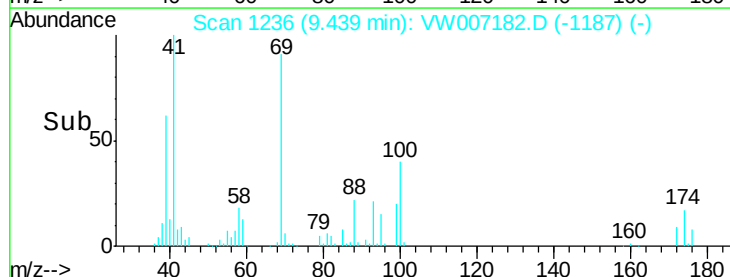
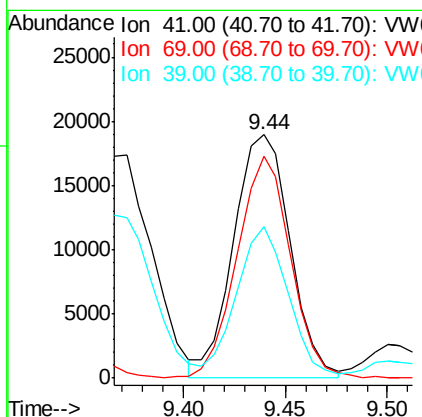
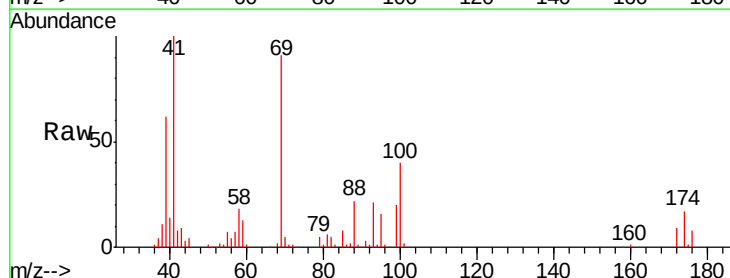
RT: 9.44 min Scan# 1236

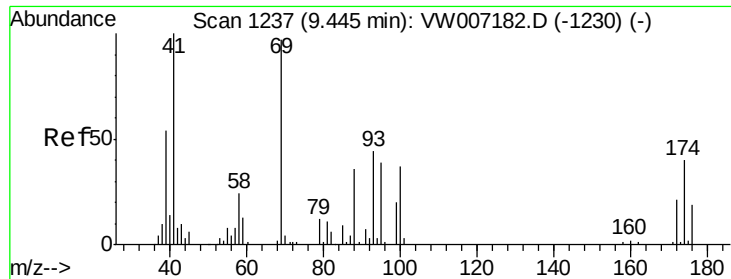
Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Tgt Ion:	41	Resp:	36358
Ion Ratio	Lower	Upper	
41	100		
69	87.0	69.6	104.4
39	53.0	42.4	63.6





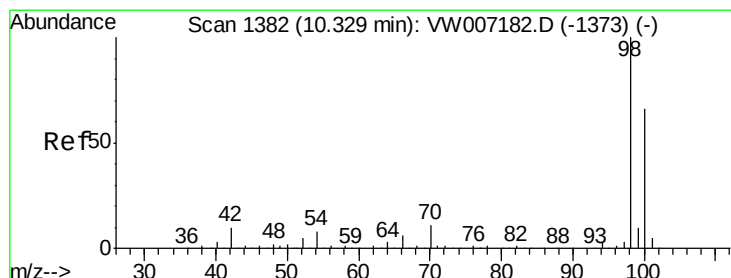
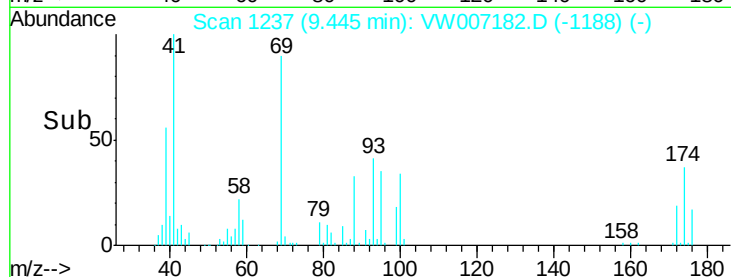
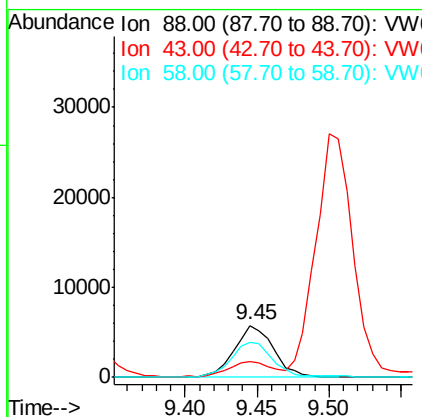
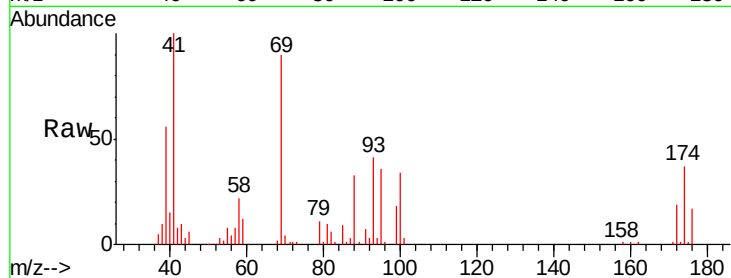
#49
1,4-Dioxane
Concen: 1037.299 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.3	25.8	38.8
58	73.6	58.9	88.3

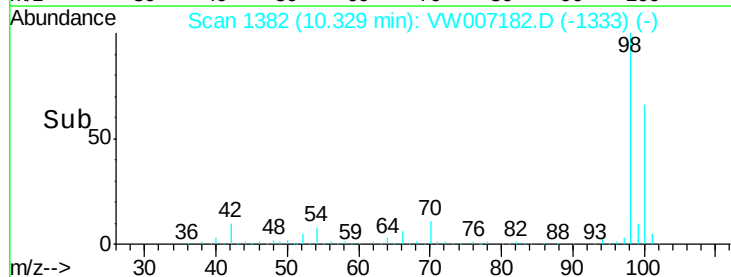
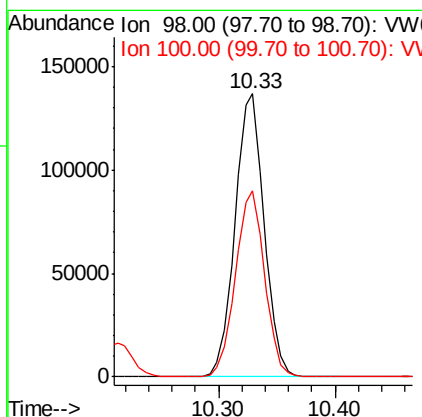
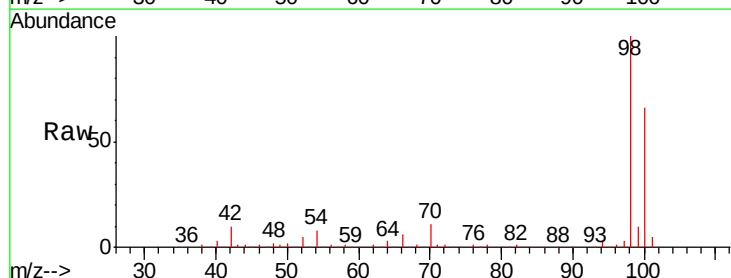
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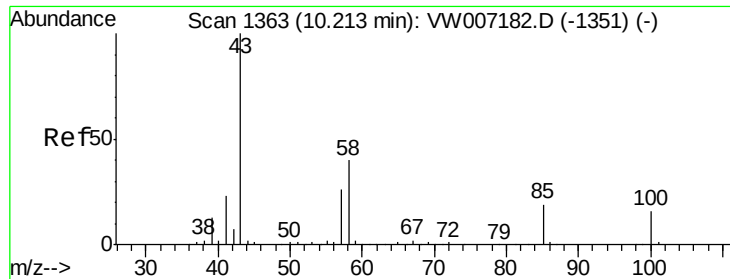
apatel
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#50
Toluene-d8
Concen: 51.038 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.7	79.1





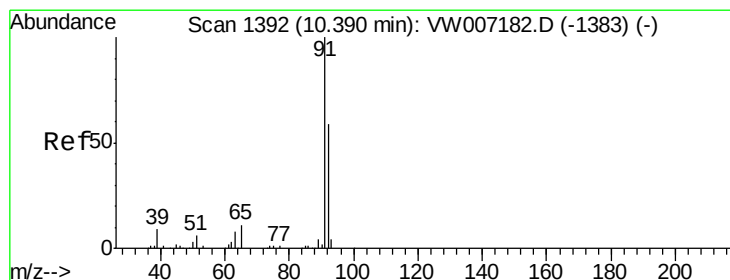
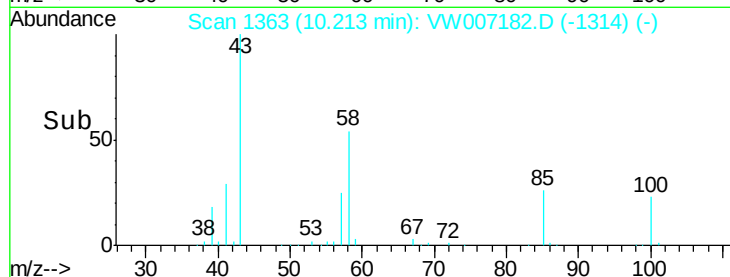
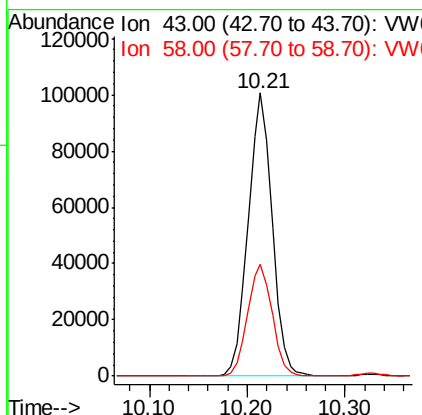
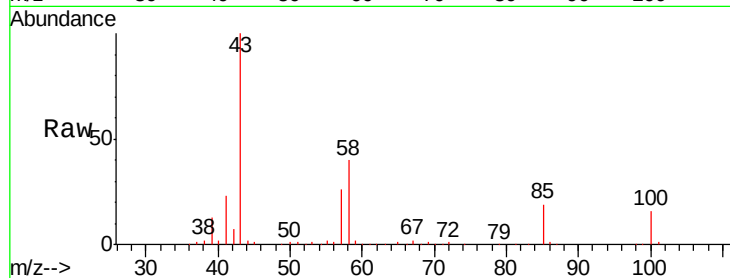
#51
 4-Methyl-2-Pentanone
 Concen: 274.679 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tgt Ion: 43 Resp: 171347
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.3 48.5

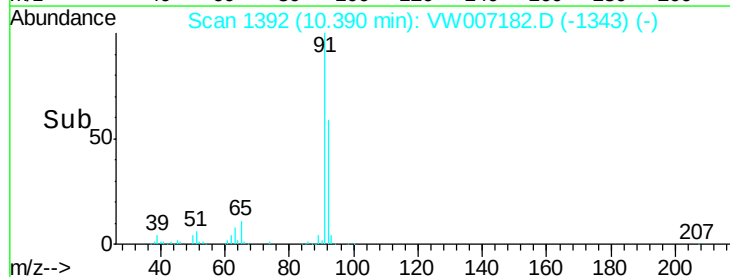
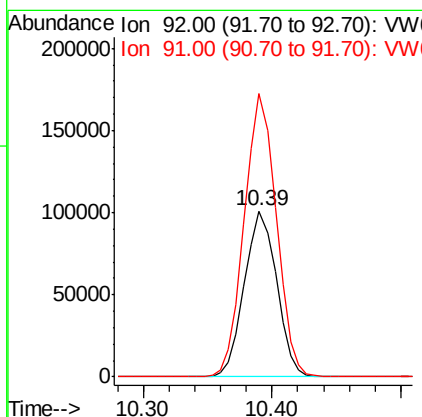
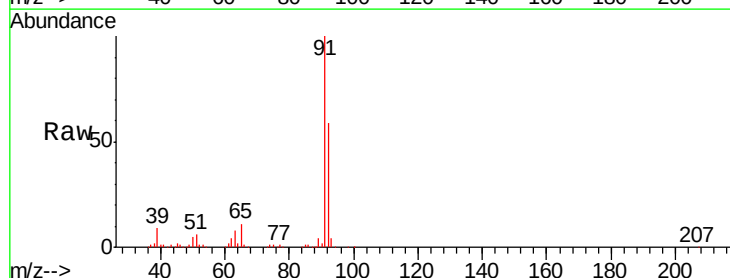
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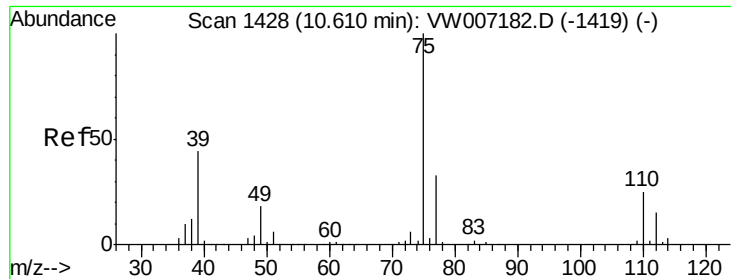
apatel
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#52
 Toluene
 Concen: 50.889 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion: 92 Resp: 174899
 Ion Ratio Lower Upper
 92 100
 91 170.0 136.0 204.0





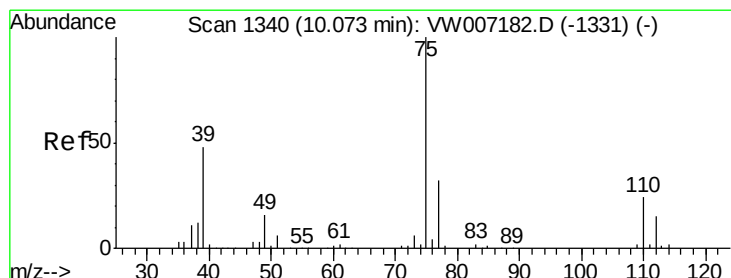
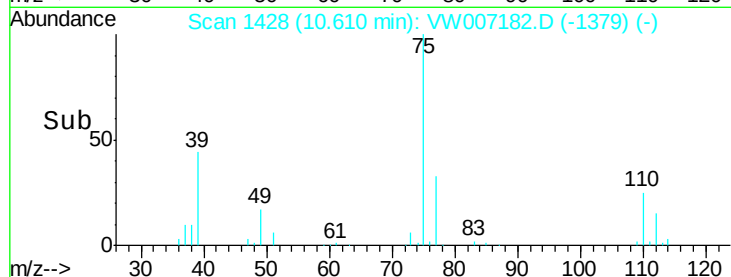
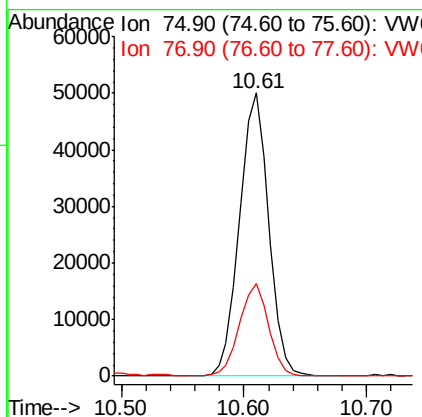
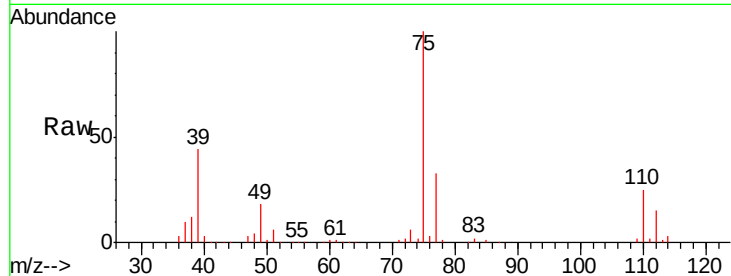
#53
t-1,3-Dichloropropene
Concen: 52.455 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion: 75 Resp: 82879
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2

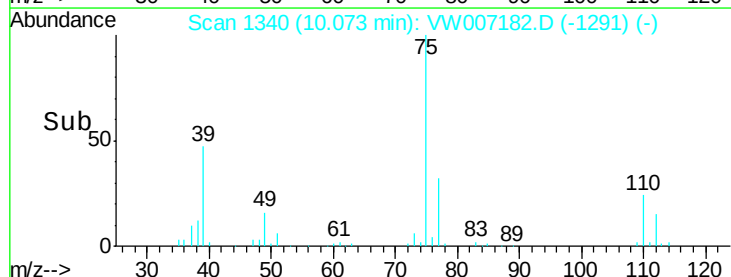
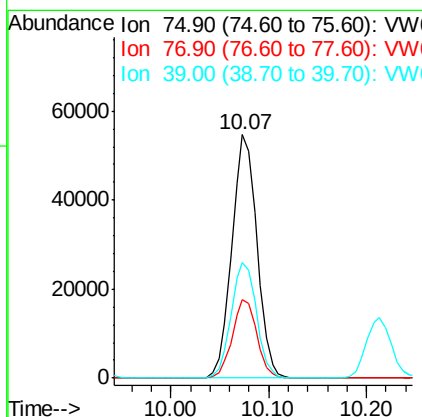
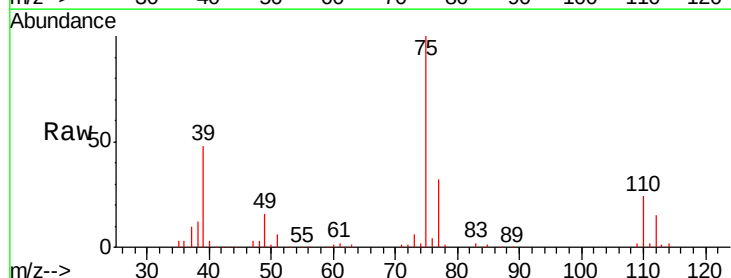
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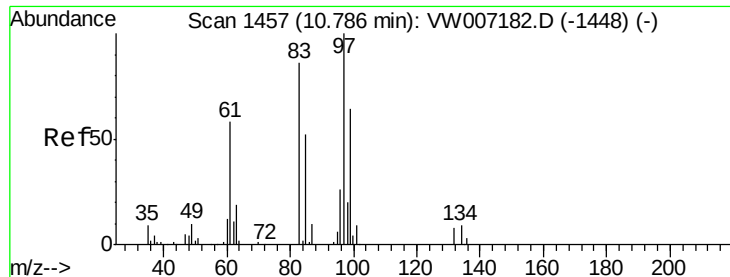
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#54
cis-1,3-Dichloropropene
Concen: 52.677 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 75 Resp: 97539
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
39 47.5 38.0 57.0





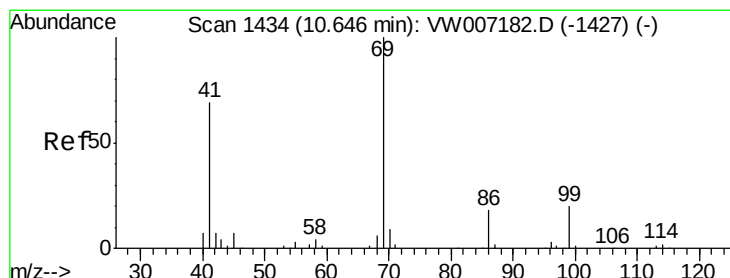
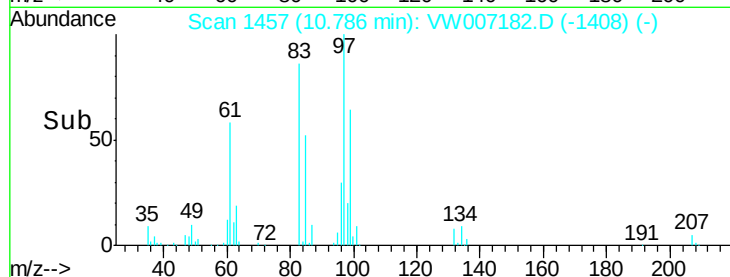
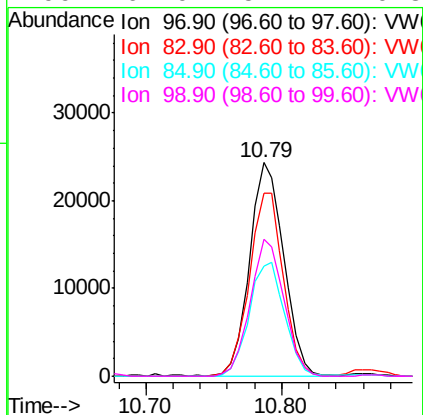
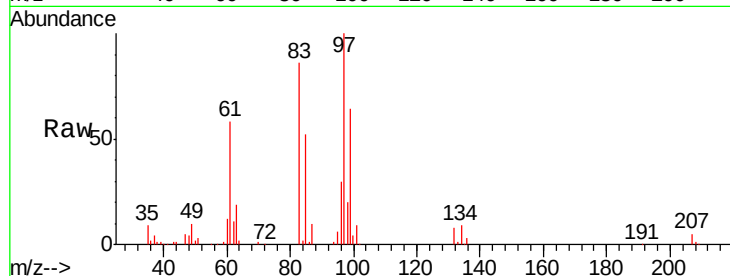
#55
 1,1,2-Trichloroethane
 Concen: 50.585 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	42988		
83	85.7	68.6	102.8	
85	51.8	41.4	62.2	
99	64.0	51.2	76.8	

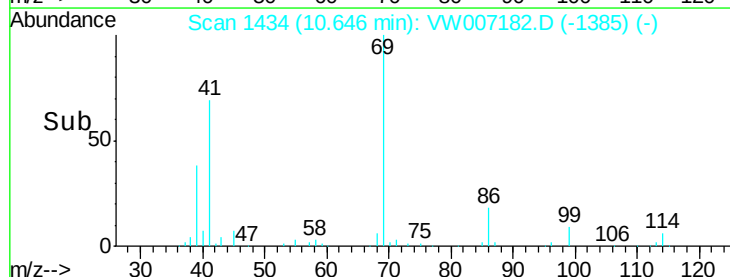
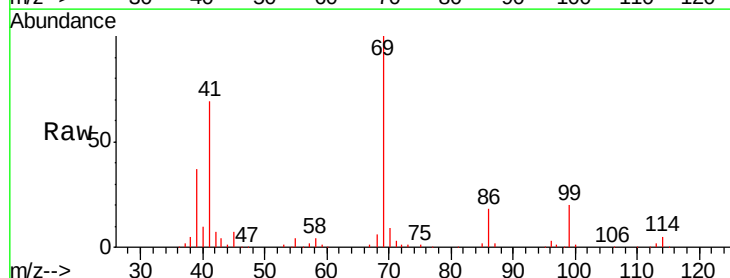
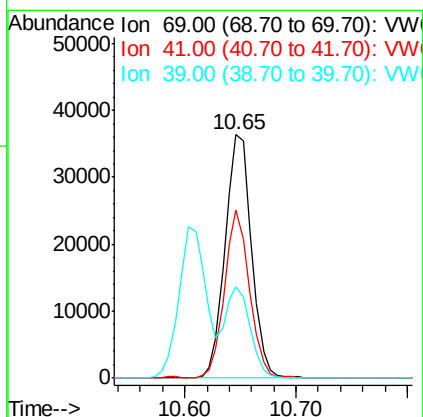
Manual Integrations
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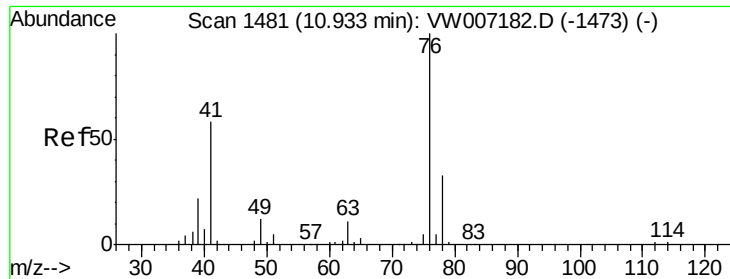
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#56
 Ethyl methacrylate
 Concen: 53.711 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	59540		
41	64.7	51.8	77.6	
39	35.9	28.7	43.1	





#57

1,3-Dichloropropane

Concen: 51.542 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tgt Ion: 76 Resp: 73949

Ion Ratio Lower Upper

76 100

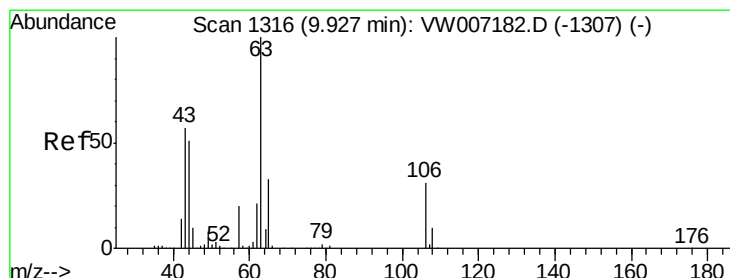
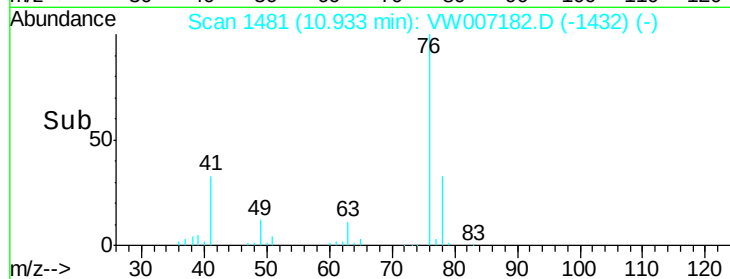
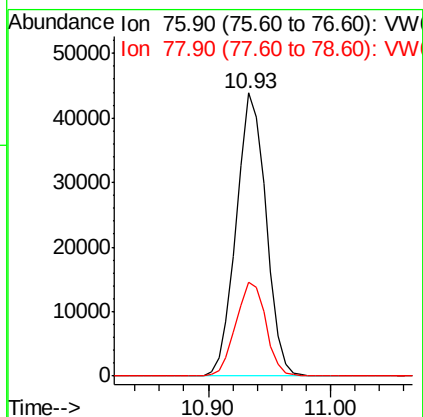
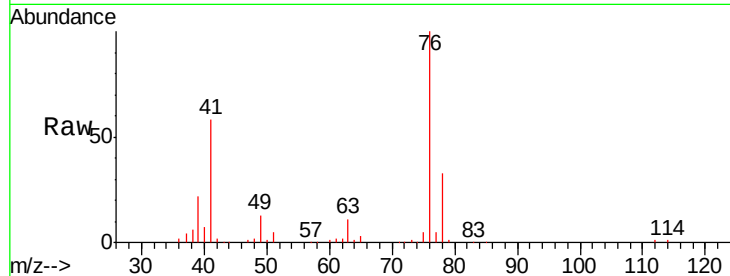
78 33.3 26.6 40.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 257.009 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW007182.D

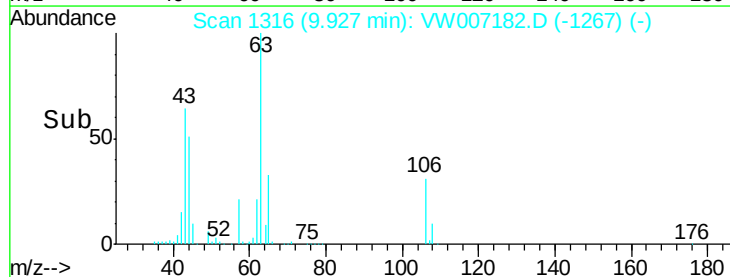
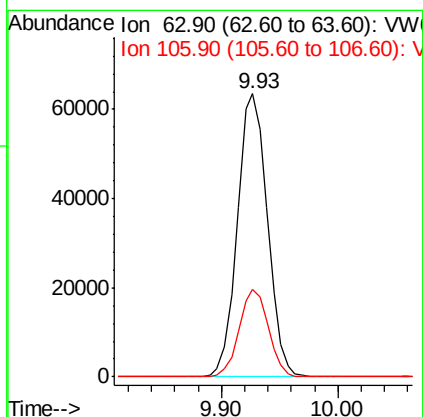
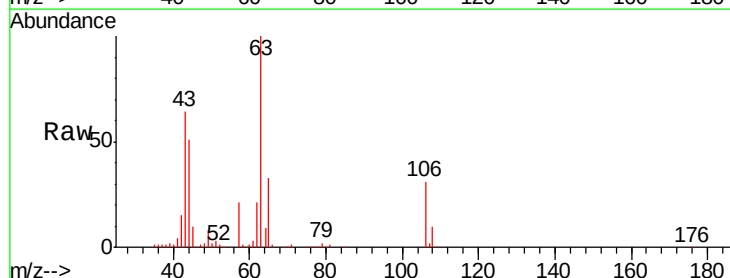
Acq: 04 Dec 2018 12:29

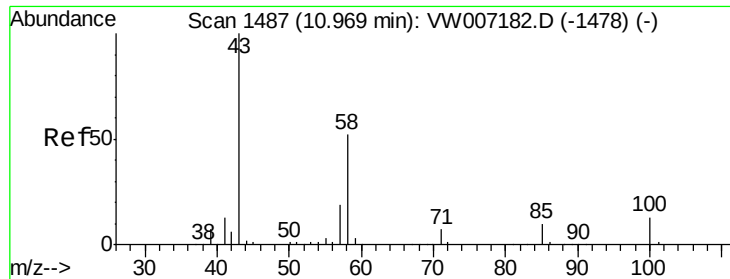
Tgt Ion: 63 Resp: 114435

Ion Ratio Lower Upper

63 100

106 30.1 24.1 36.1





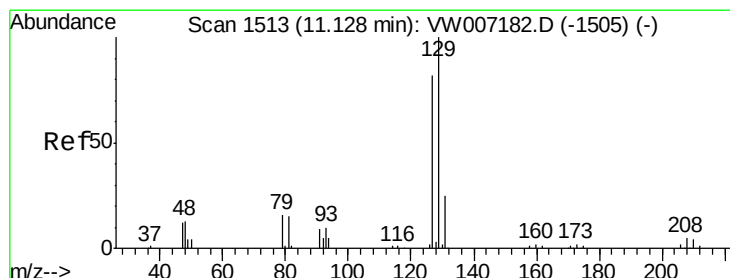
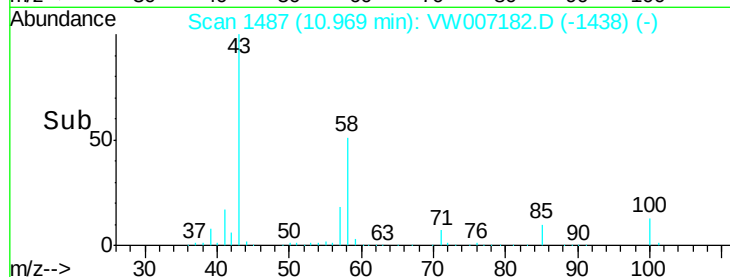
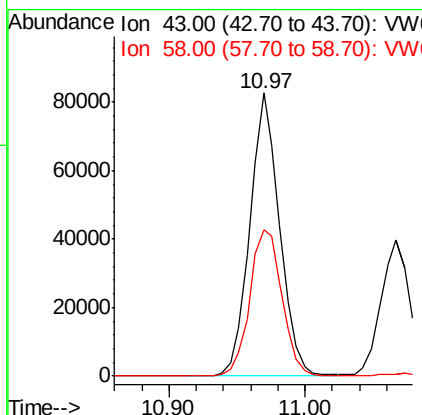
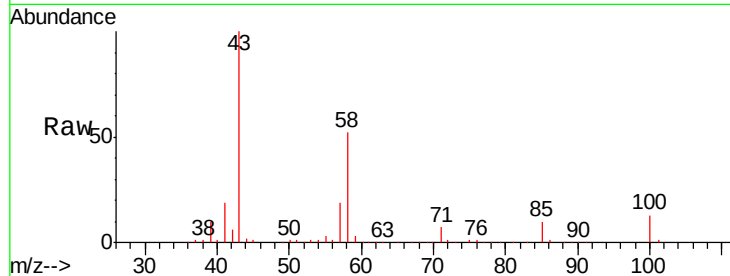
#59
2-Hexanone
Concen: 279.119 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion: 43 Resp: 126220
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.4

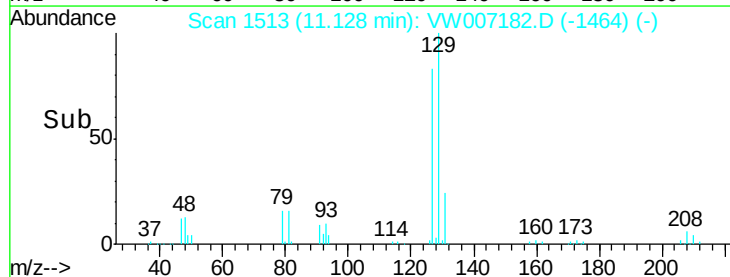
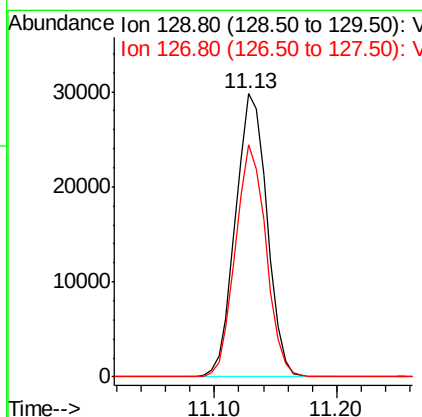
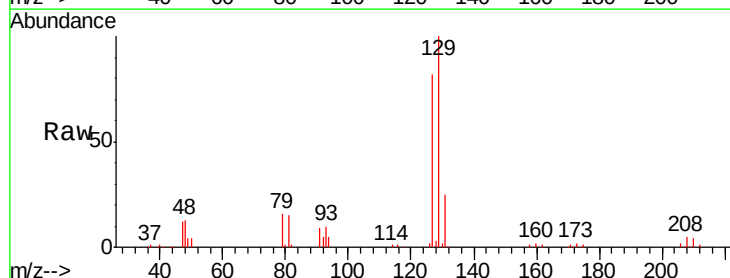
Manual Integrations
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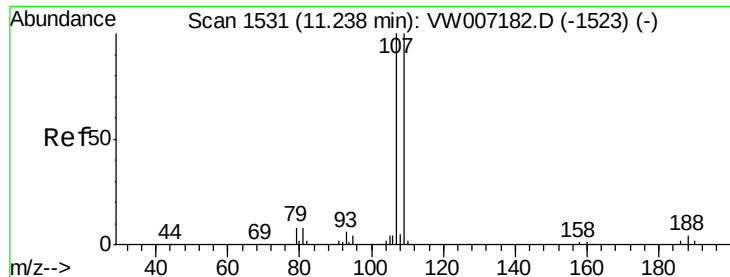
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#60
Dibromochloromethane
Concen: 50.998 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 129 Resp: 53266
Ion Ratio Lower Upper
129 100
127 79.6 39.8 119.4





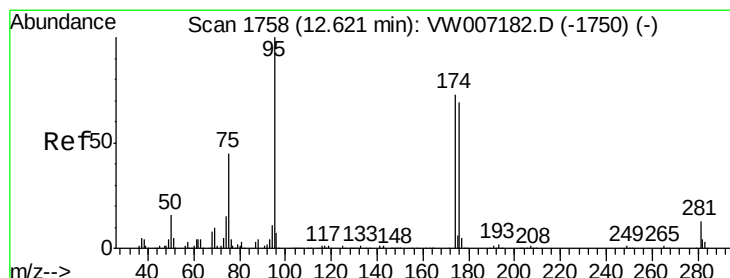
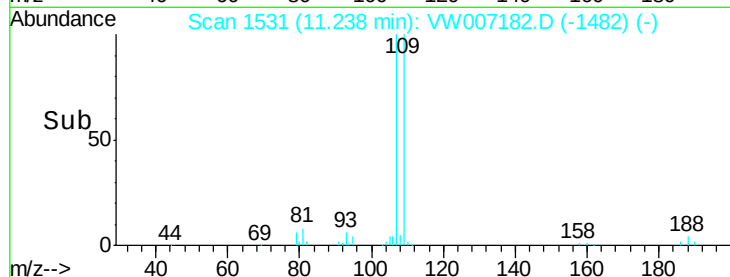
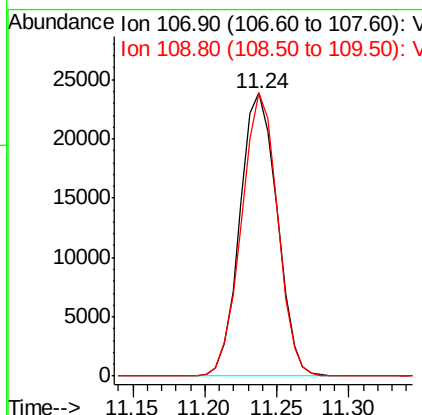
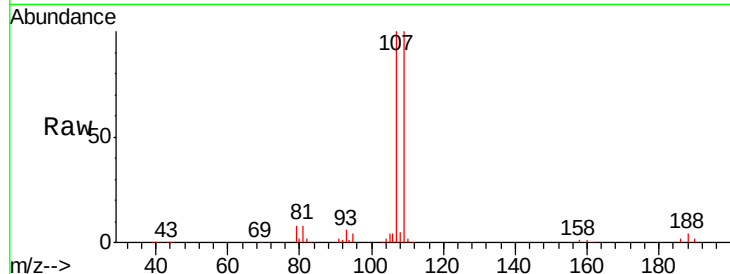
#61
 1,2-Dibromoethane
 Concen: 52.595 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 107 Resp: 42870
 Ion Ratio Lower Upper
 107 100
 109 96.6 77.3 115.9

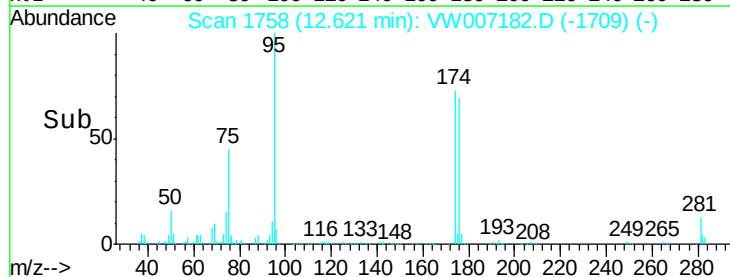
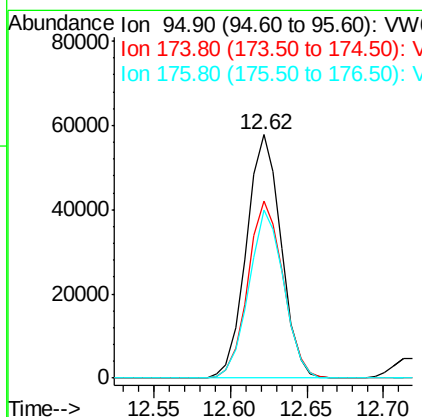
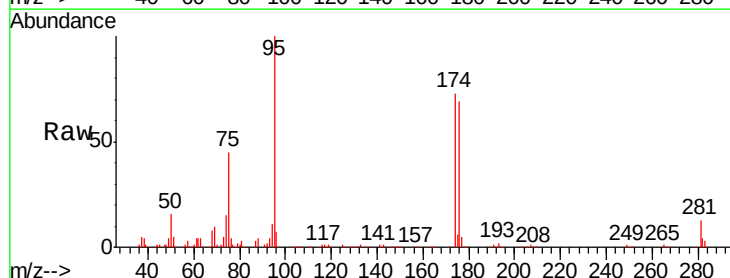
Manual Integrations
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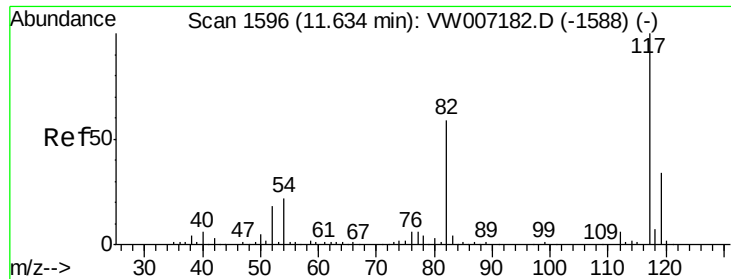
apatel
 12/5/2018 12:43:36 PM



#62
 4-Bromofluorobenzene
 Concen: 51.573 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion: 95 Resp: 90919
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 148.0
 176 69.7 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: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion:117 Resp: 164038

Ion Ratio Lower Upper

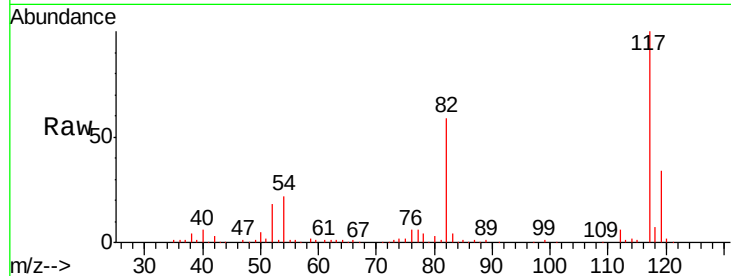
117 100

82 59.3 47.4 71.2

119 33.5 26.8 40.2

Manual Integrations
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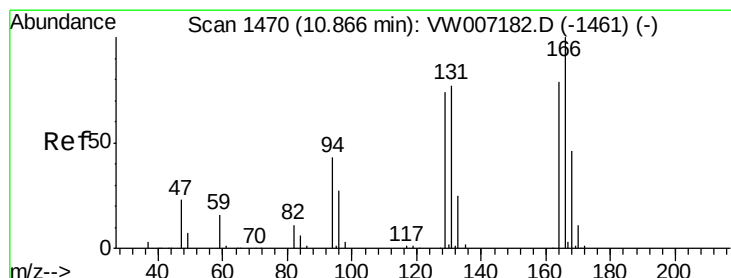
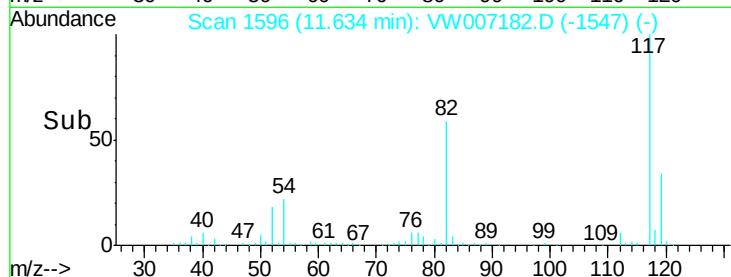
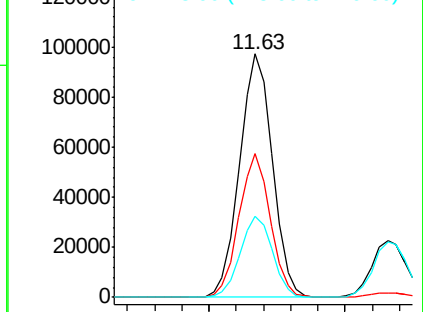
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VV

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 51.962 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Tgt Ion:164 Resp: 62276

Ion Ratio Lower Upper

164 100

166 126.2 101.0 151.4

129 93.2 74.6 111.8

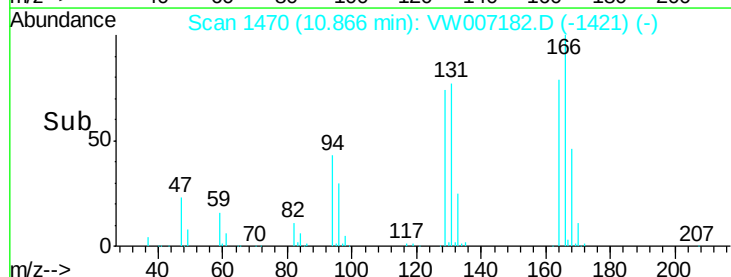
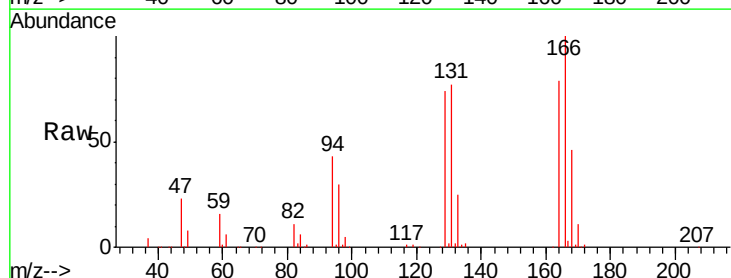
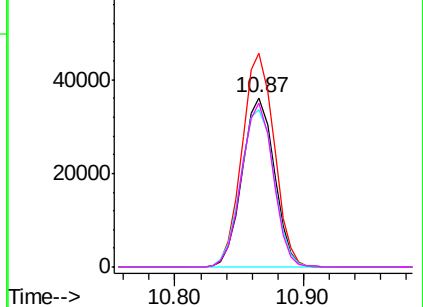
131 97.0 77.6 116.4

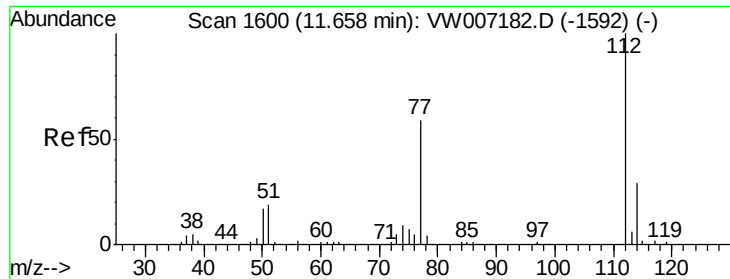
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





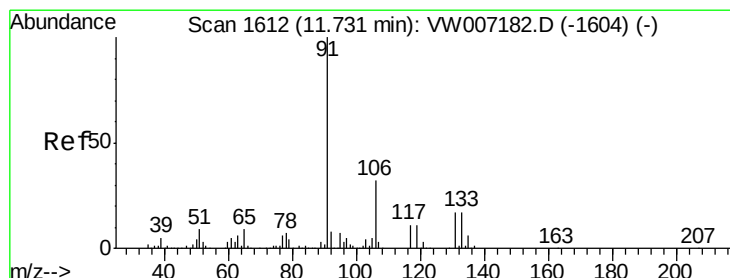
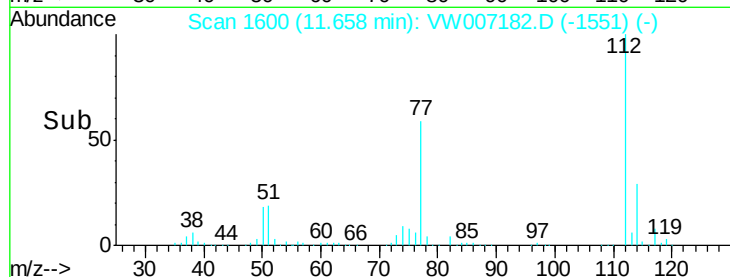
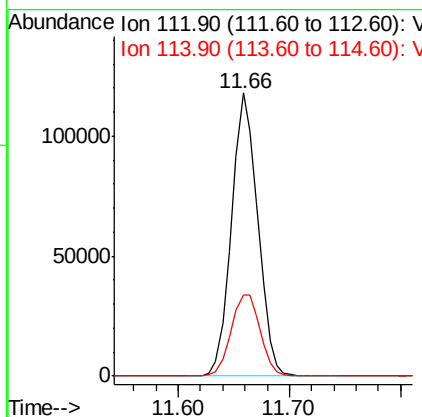
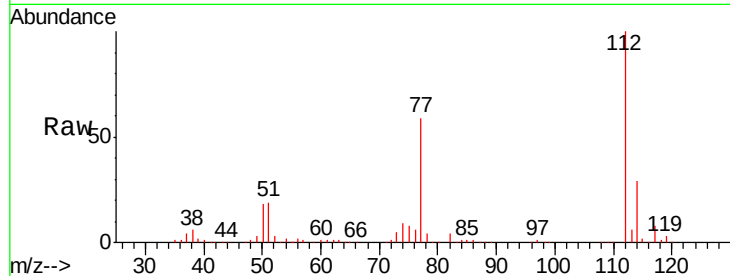
#65
Chlorobenzene
Concen: 52.376 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 191884
Ion Ratio Lower Upper
112 100
114 28.7 23.0 34.4

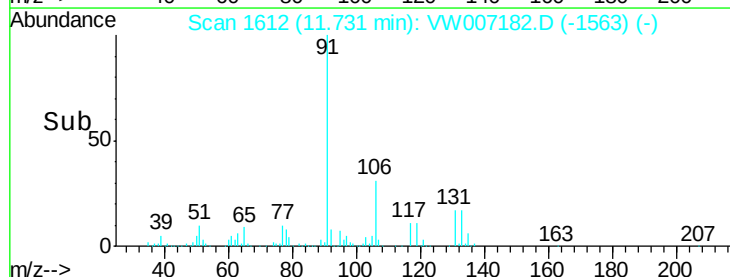
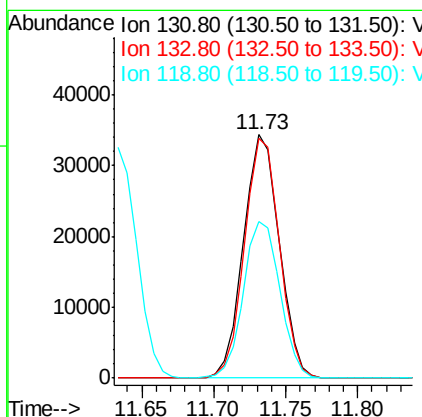
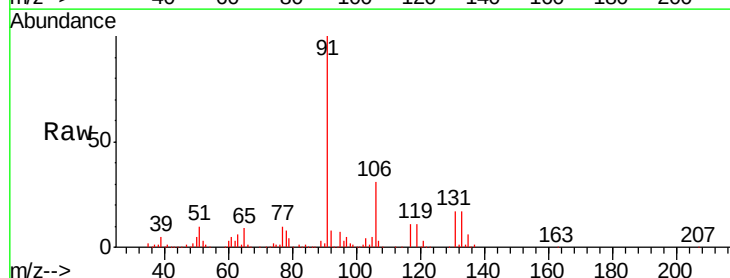
Manual Integrations
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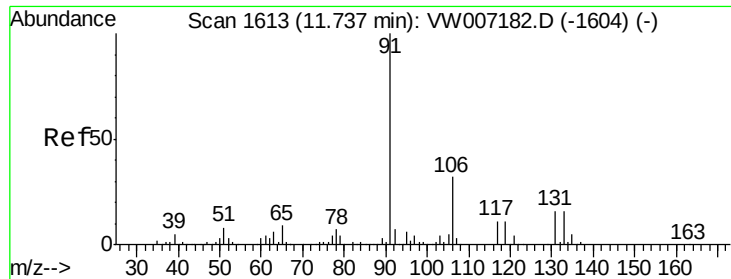
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.199 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion:131 Resp: 59060
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 65.6 32.8 98.4





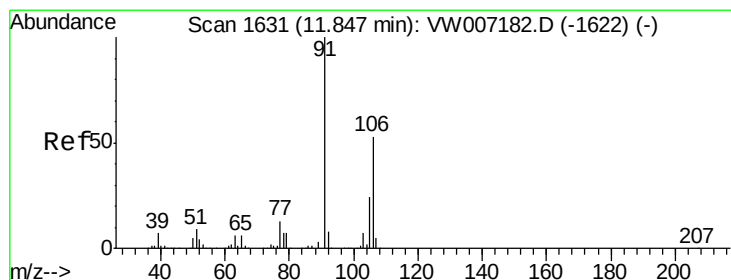
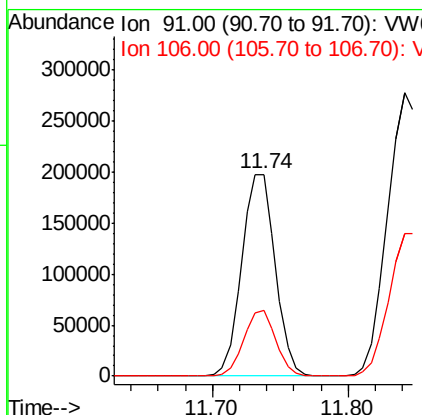
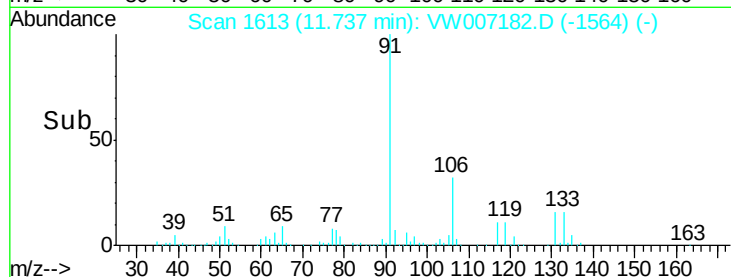
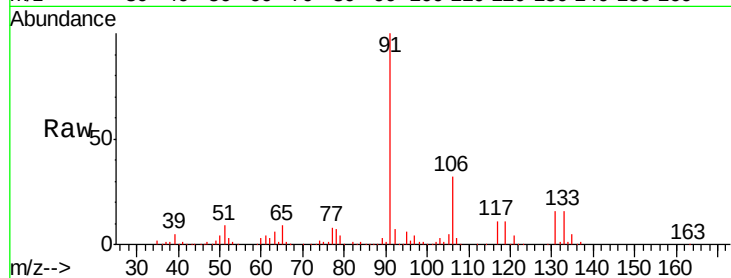
#67
Ethyl Benzene
Concen: 51.055 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 340906
Ion Ratio Lower Upper
91 100
106 32.5 26.0 39.0

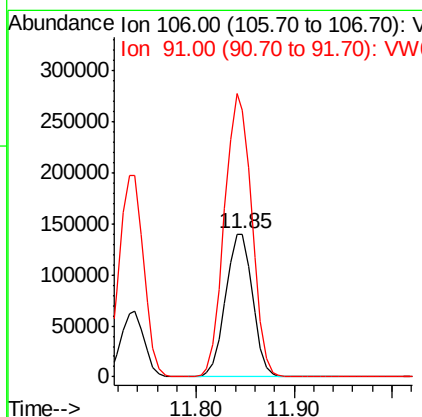
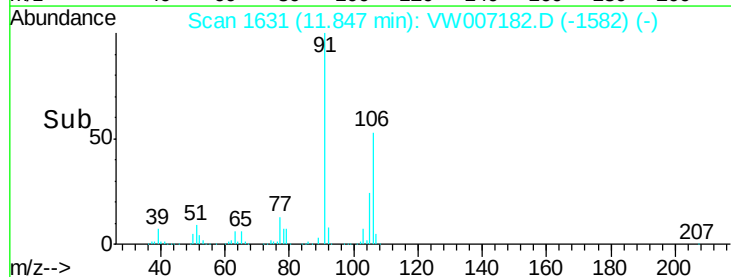
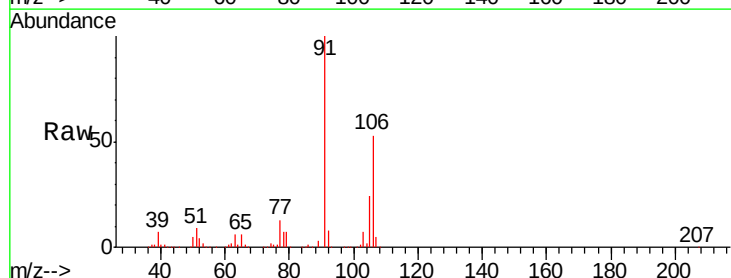
Manual Integrations
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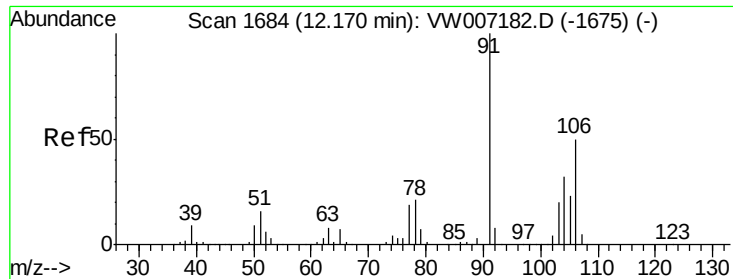
apatel
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#68
m/p-Xylenes
Concen: 102.475 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 106 Resp: 268433
Ion Ratio Lower Upper
106 100
91 200.3 160.2 240.4





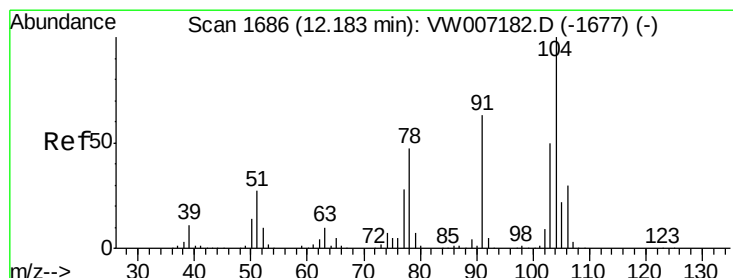
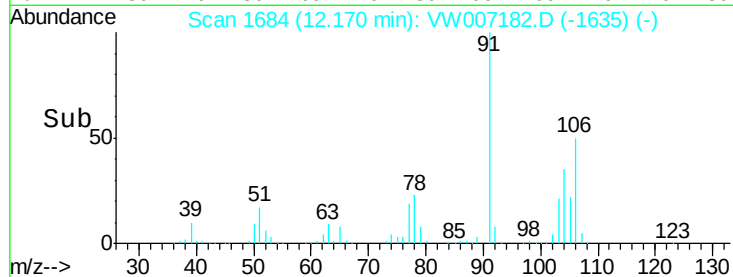
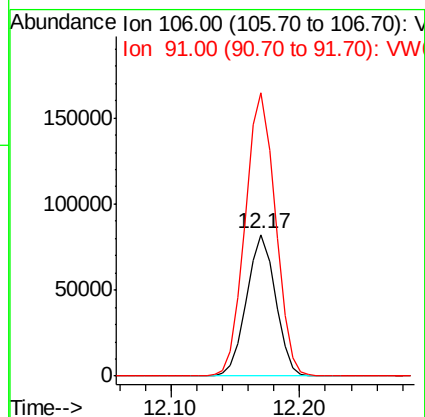
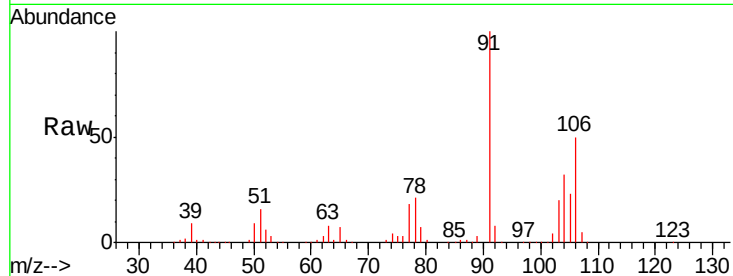
#69
o-Xylene
Concen: 51.851 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 126900
Ion Ratio Lower Upper
106 100
91 209.8 104.9 314.7

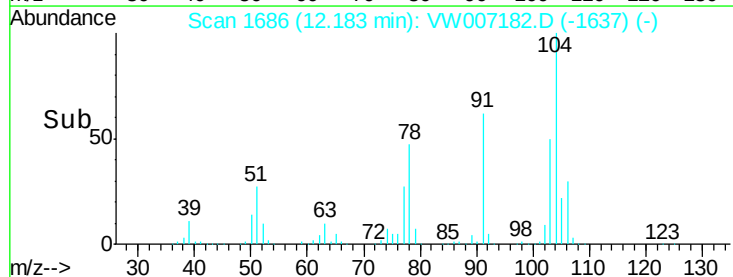
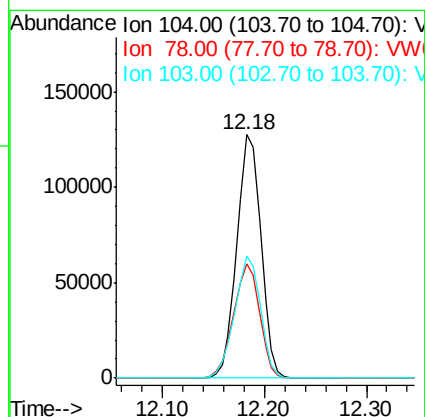
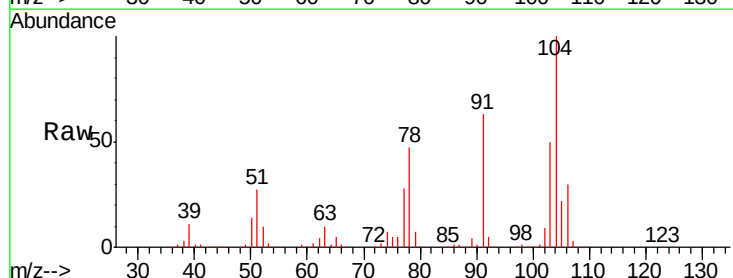
Manual Integrations
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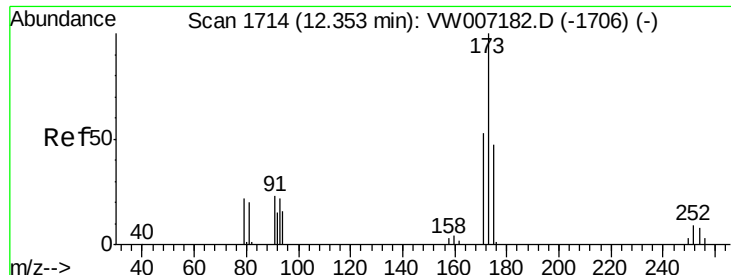
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#70
Styrene
Concen: 52.025 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion:104 Resp: 208427
Ion Ratio Lower Upper
104 100
78 50.7 40.6 60.8
103 53.7 43.0 64.4





#71

Bromoform

Concen: 54.252 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 30728

Ion Ratio Lower Upper

173 100

175 48.0 24.0 72.0

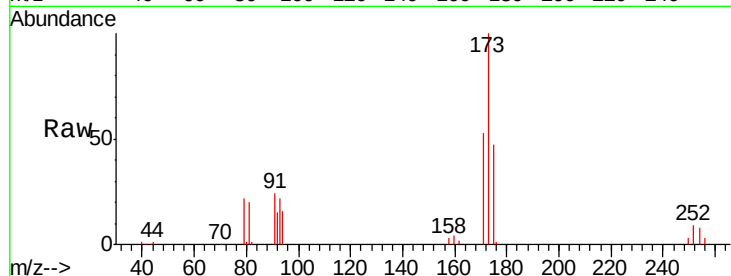
254 0.0 0.0 0.0

Manual Integrations

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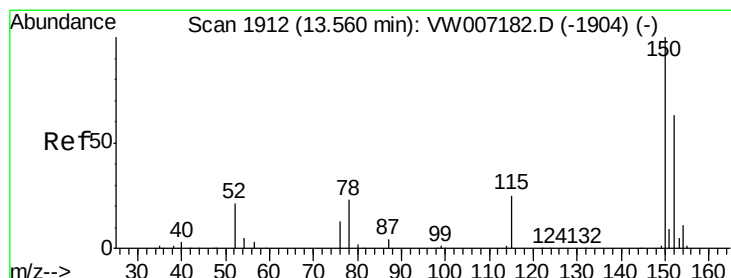
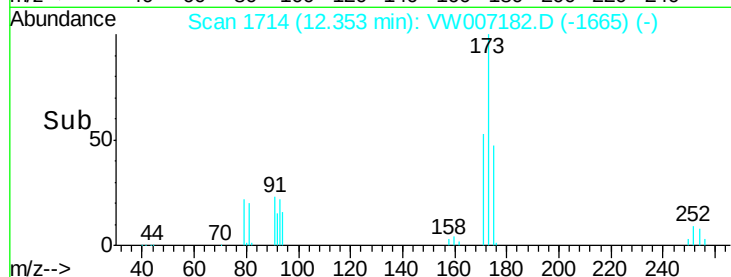
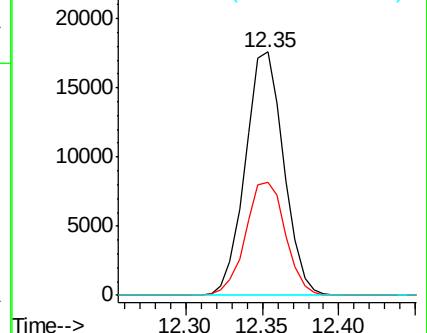
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

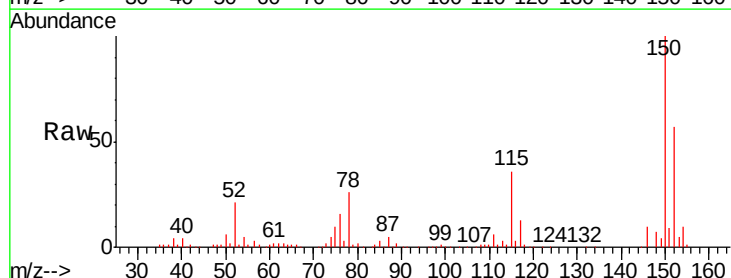
Tgt Ion:152 Resp: 82707

Ion Ratio Lower Upper

152 100

115 62.5 31.3 93.8

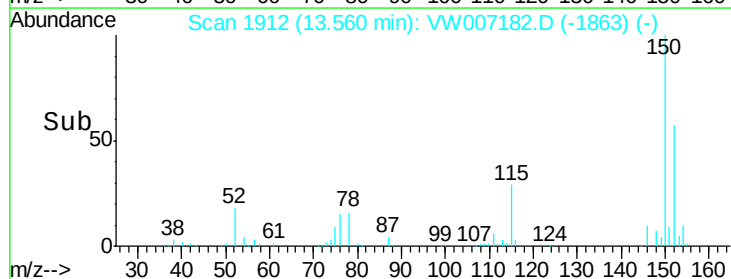
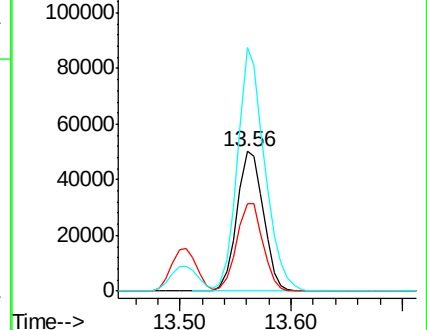
150 179.0 0.0 358.0

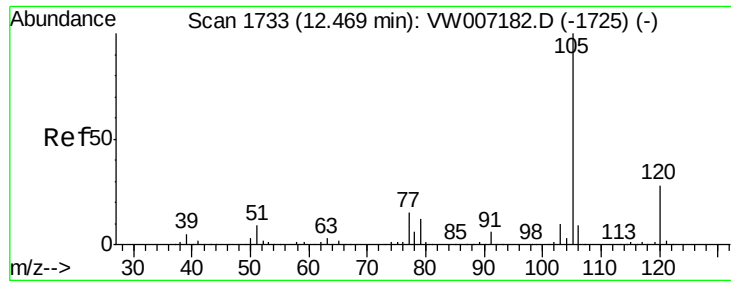


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.982 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 356399

Ion Ratio Lower Upper

105 100

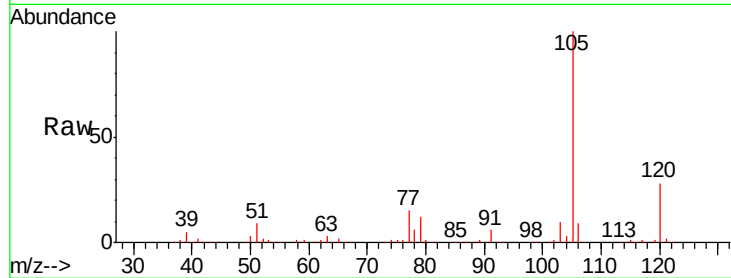
120 26.4 13.2 39.6

Manual Integrations

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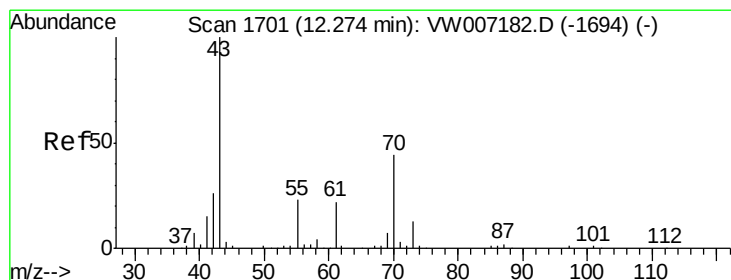
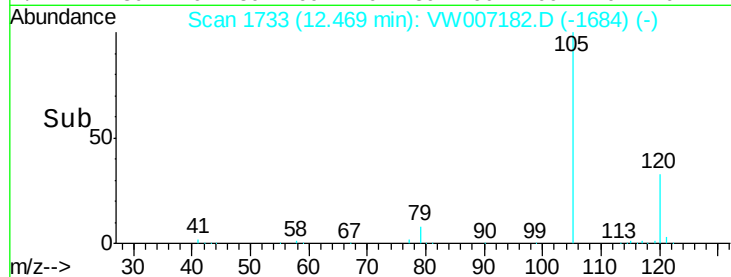
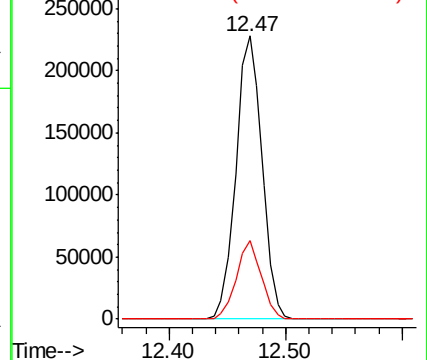
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.174 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Tgt Ion: 43 Resp: 68189

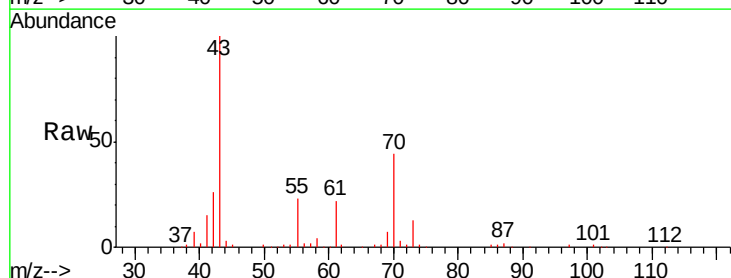
Ion Ratio Lower Upper

43 100

70 42.5 34.0 51.0

55 23.8 19.0 28.6

61 24.6 19.7 29.5

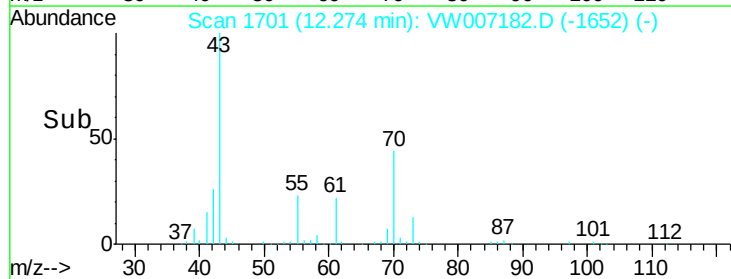
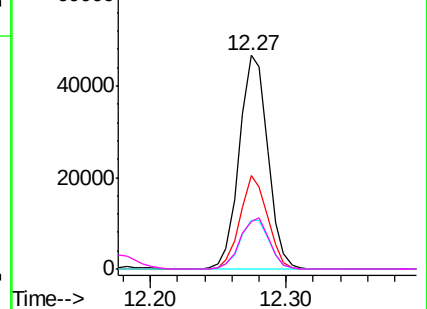


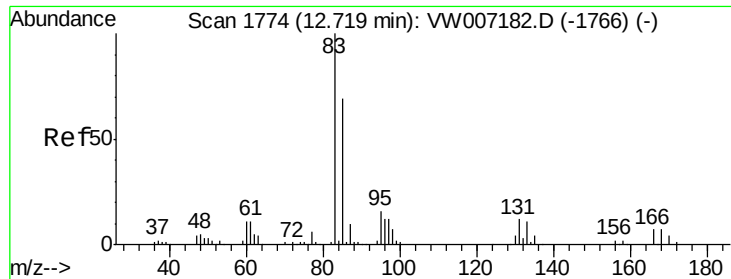
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 54.977 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

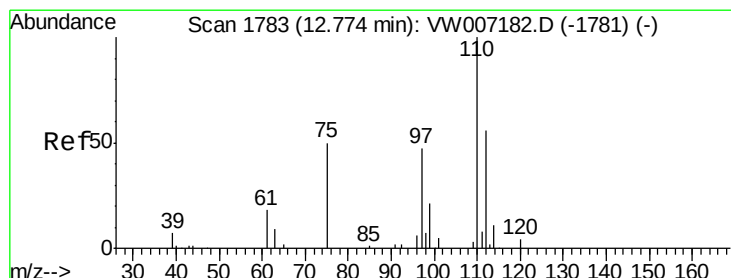
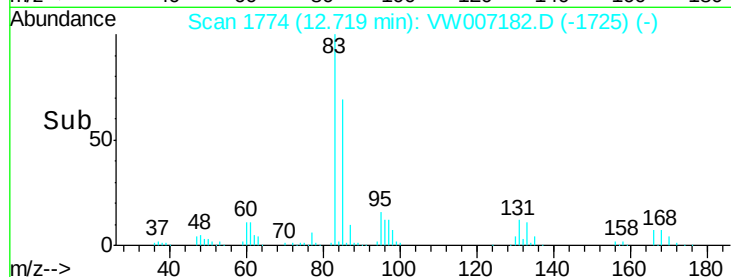
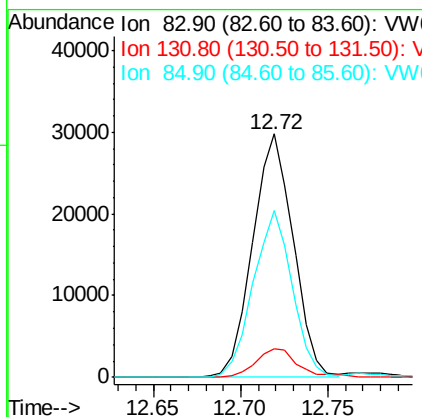
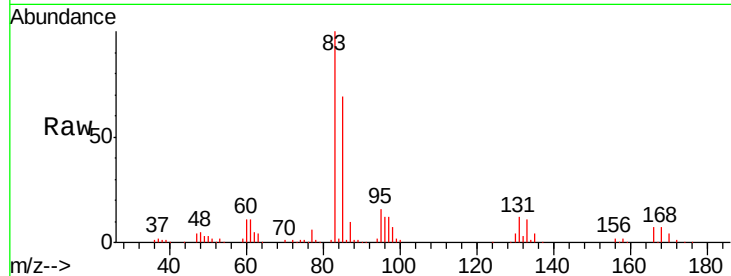
ClientSampleId :

VSTDICCC050

Tgt Ion:	83	Resp:	48030
Ion Ratio	Lower	Upper	
83	100		
131	12.1	6.0	18.1
85	66.0	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 26.443 ug/l m

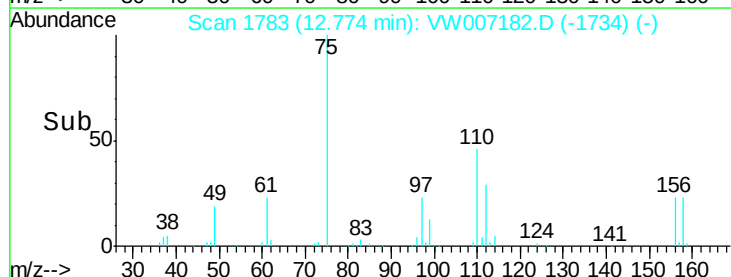
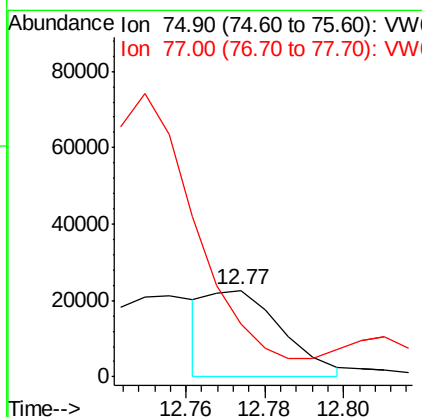
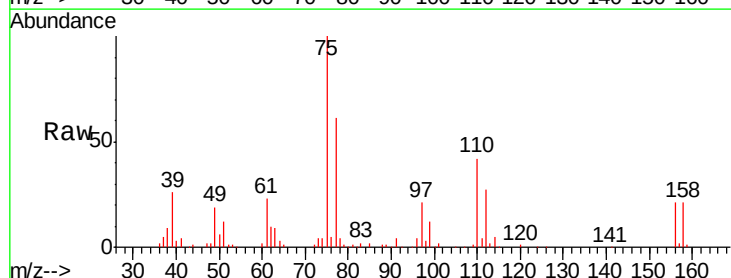
RT: 12.77 min Scan# 1783

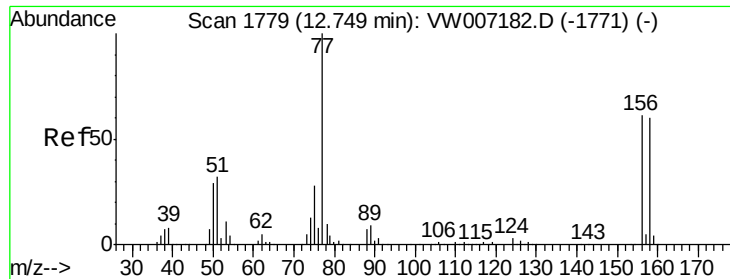
Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Tgt Ion:	75	Resp:	29395
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.517 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

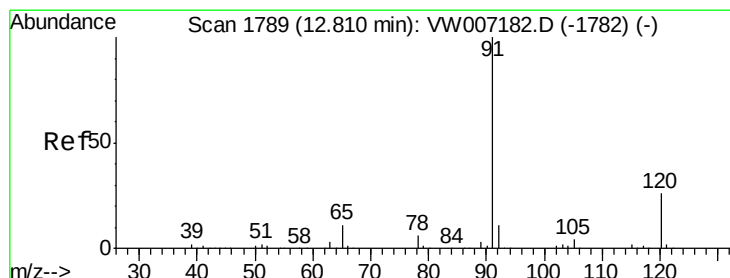
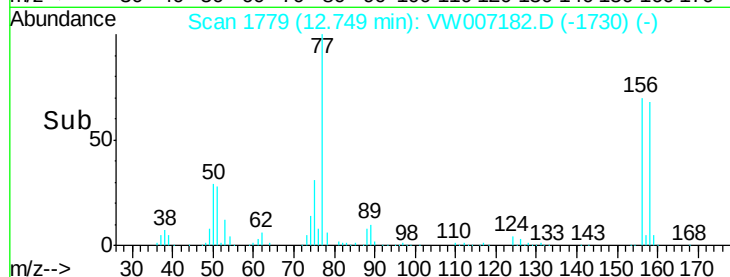
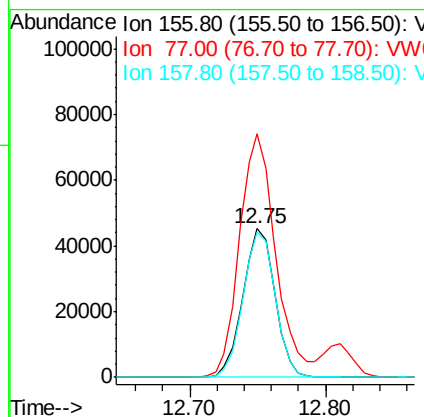
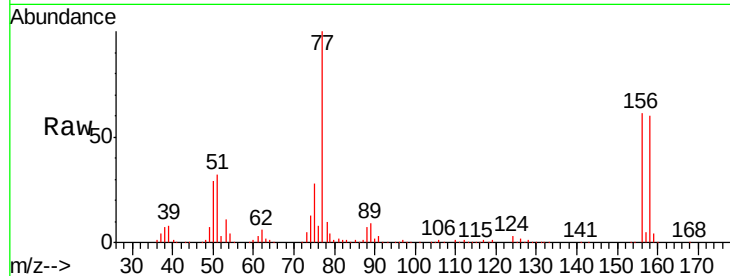
ClientSampled :

VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	184.1	92.0	276.1
158	98.0	49.0	147.0

Manual Integrations
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#78

n-propylbenzene

Concen: 49.978 ug/l

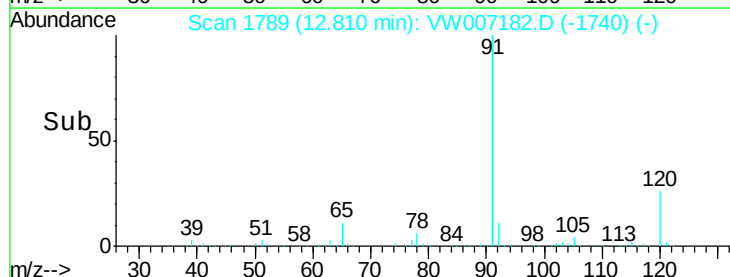
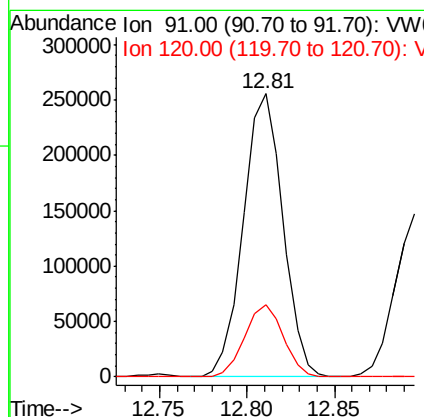
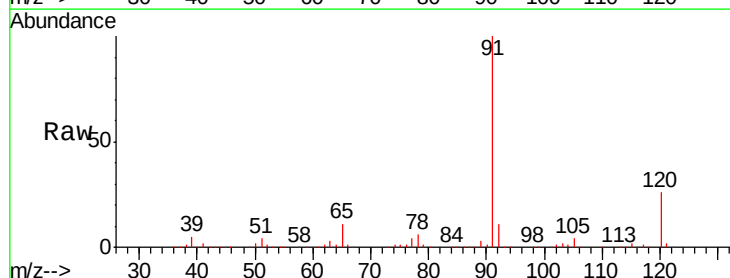
RT: 12.81 min Scan# 1789

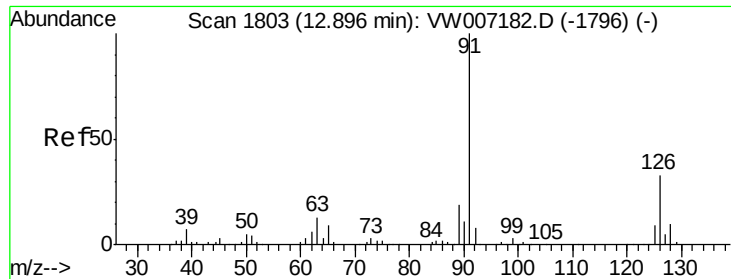
Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.5	37.5





#79

2-Chlorotoluene

Concen: 52.347 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 236904

Ion Ratio Lower Upper

91 100

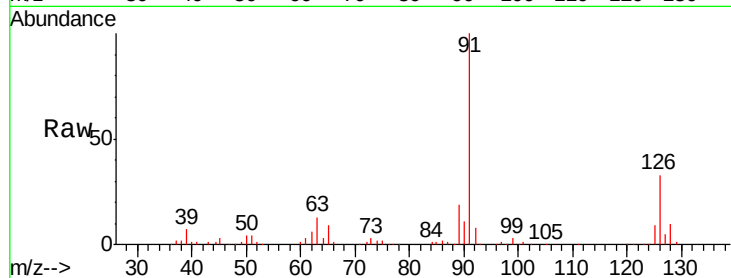
126 33.4 16.7 50.1

Manual Integrations

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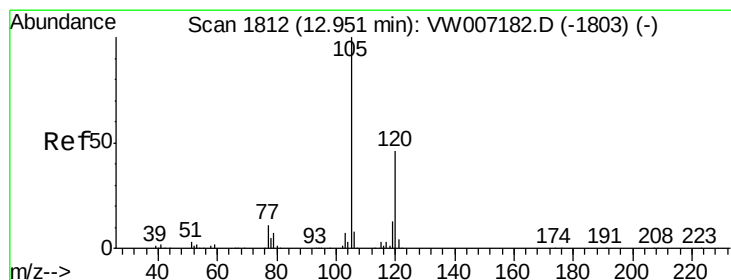
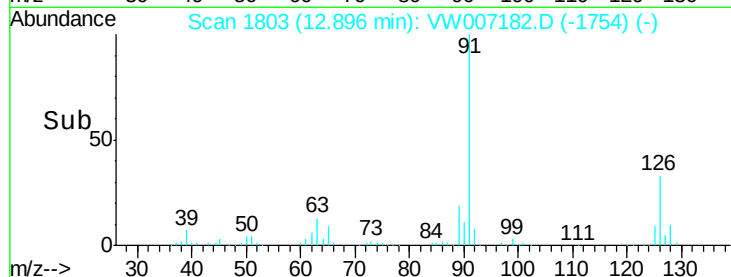
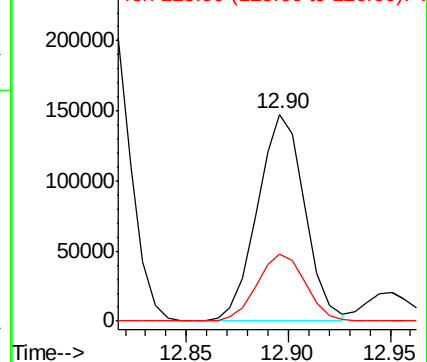
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.549 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW007182.D

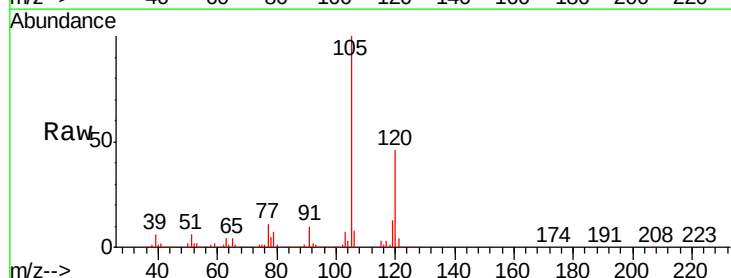
Acq: 04 Dec 2018 12:29

Tgt Ion: 105 Resp: 302402

Ion Ratio Lower Upper

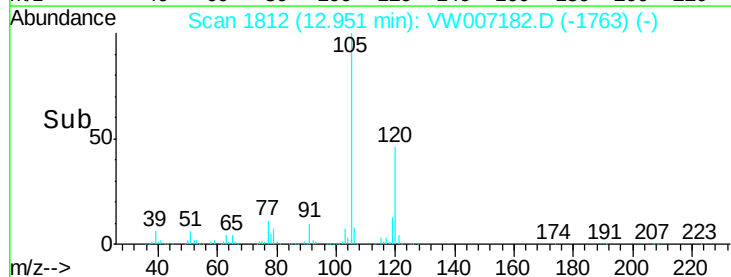
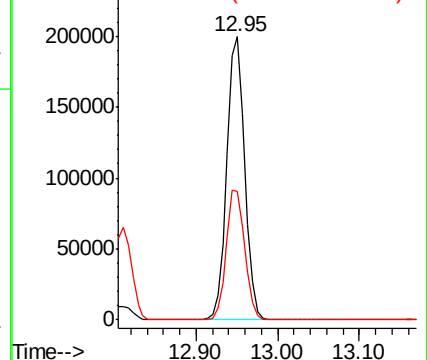
105 100

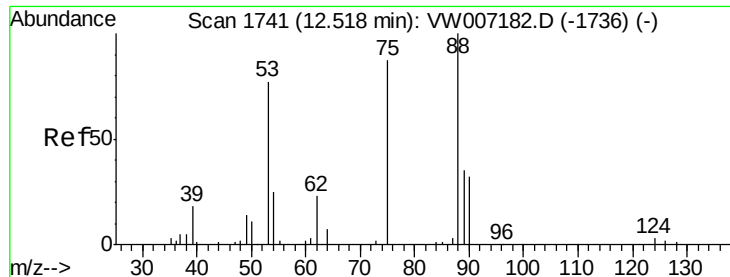
120 47.7 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





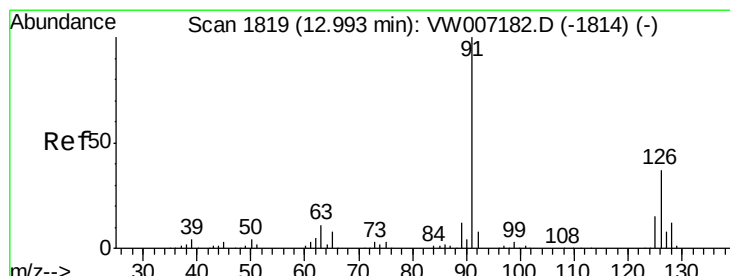
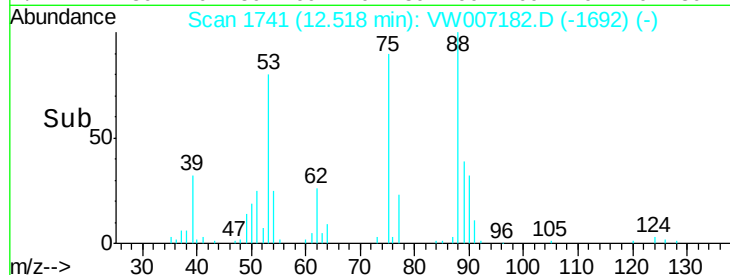
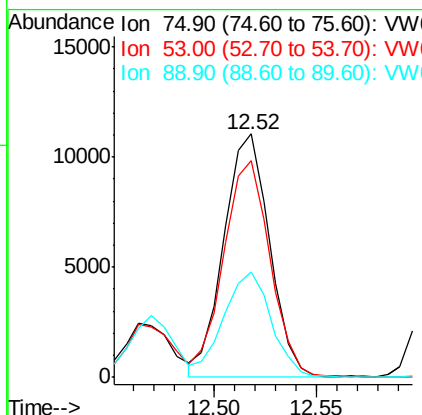
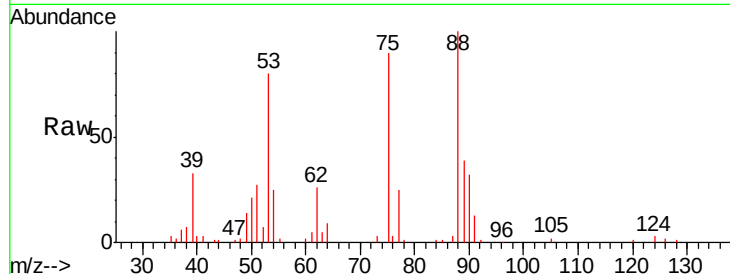
#81
trans-1,4-Dichloro-2-butene
Concen: 57.760 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	91.0	72.8	109.2
89	45.5	36.4	54.6

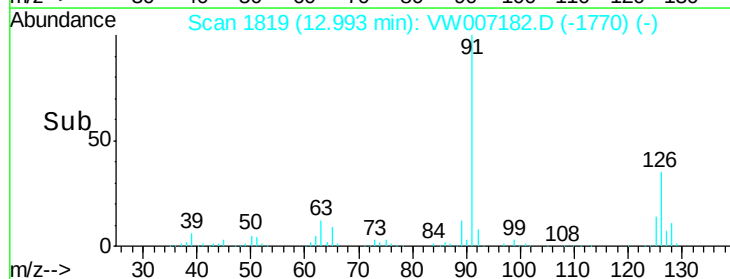
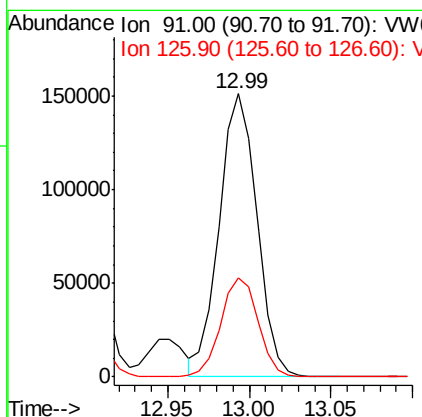
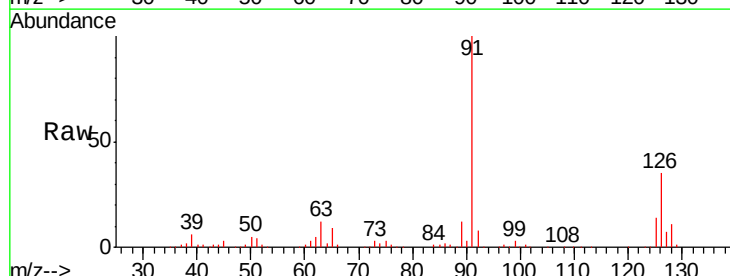
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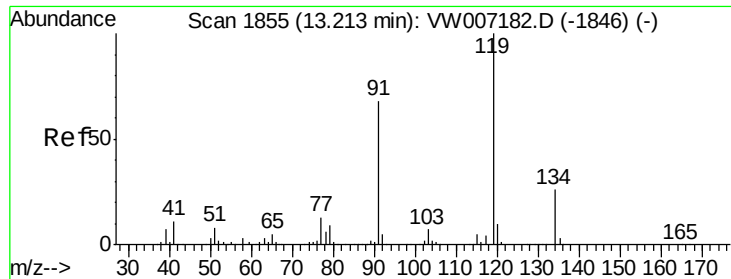
apatel
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#82
4-Chlorotoluene
Concen: 50.401 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.4	52.3





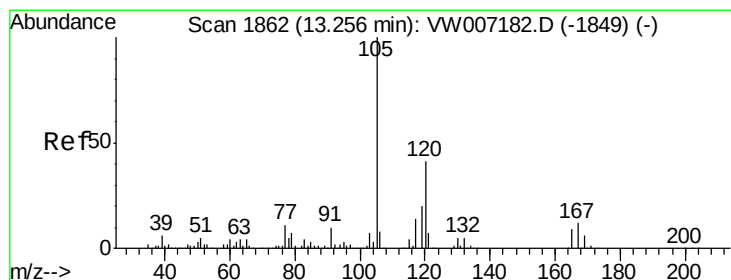
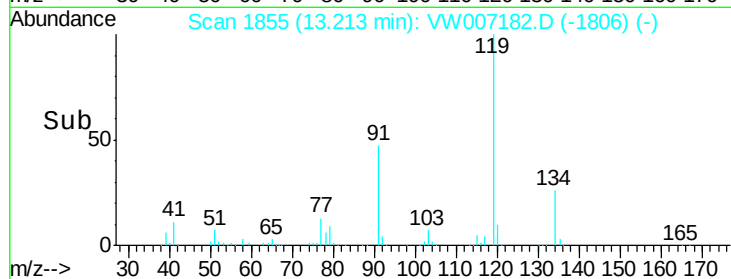
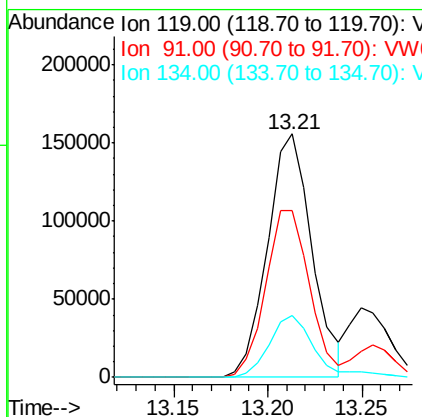
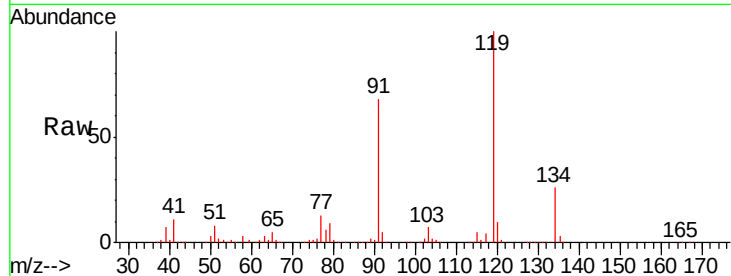
#83
 tert-Butylbenzene
 Concen: 50.773 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.9	34.0	101.8
134	26.3	13.2	39.5

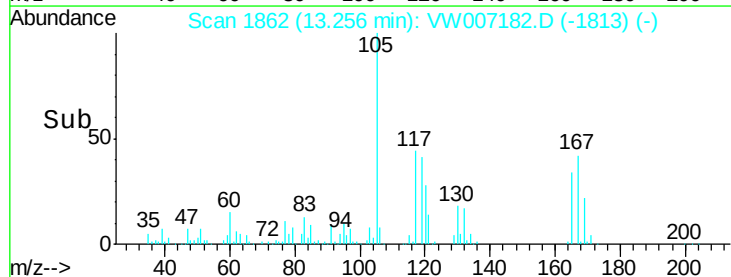
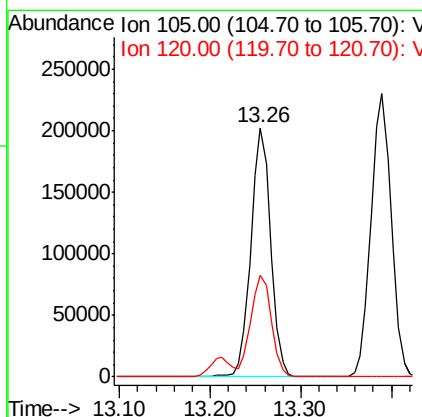
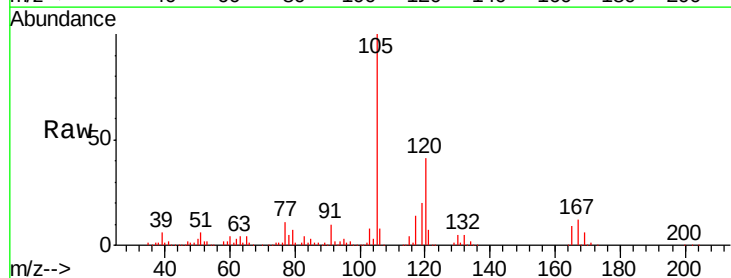
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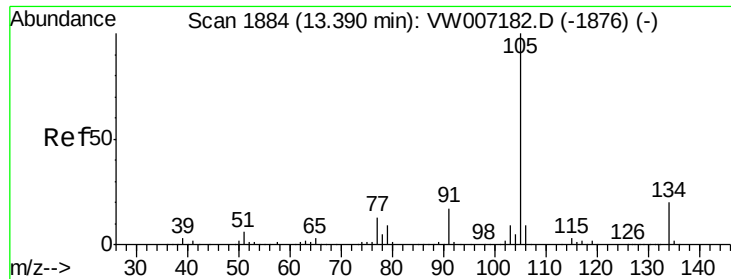
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.995 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.2	21.1	63.3





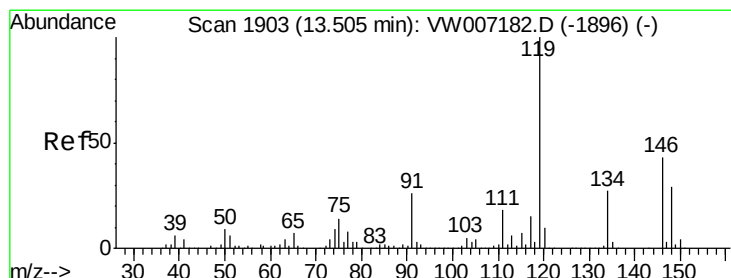
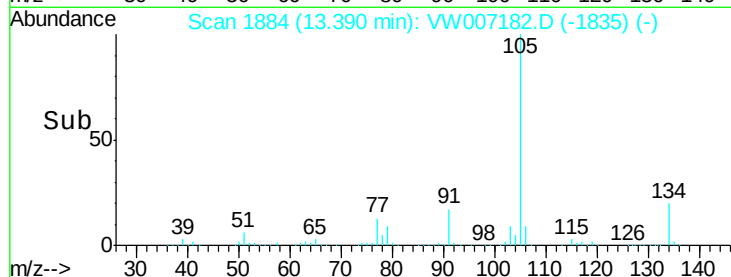
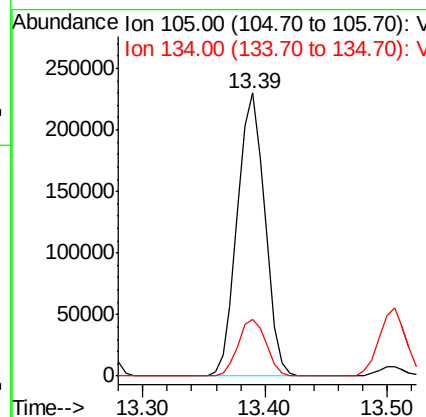
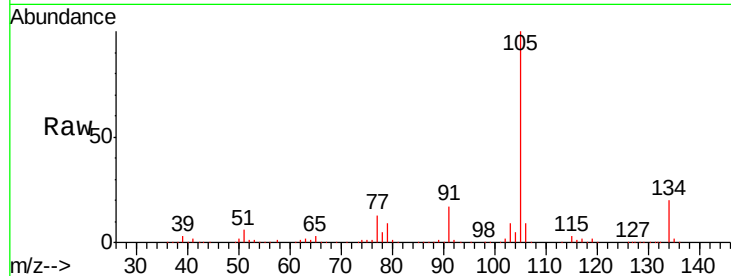
#85
 sec-Butylbenzene
 Concen: 49.925 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 358429
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8

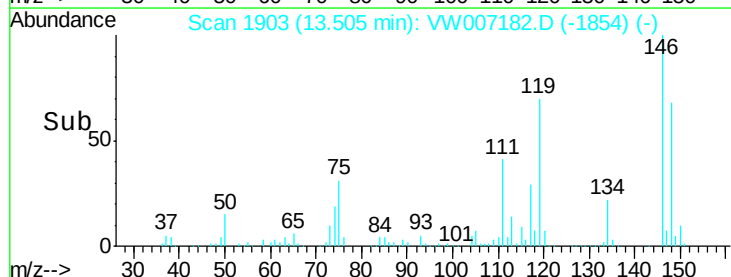
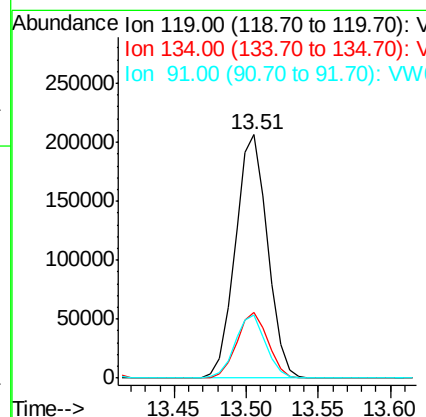
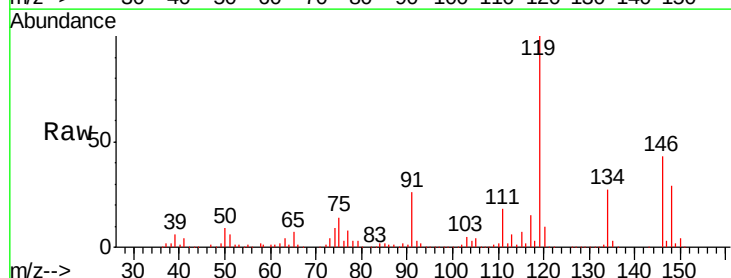
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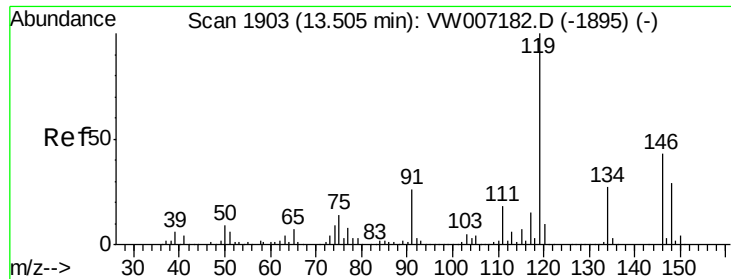
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#86
 p-Isopropyltoluene
 Concen: 50.100 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion:119 Resp: 320195
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 24.8 12.4 37.2





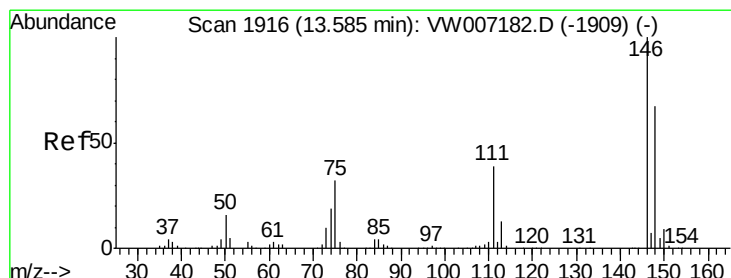
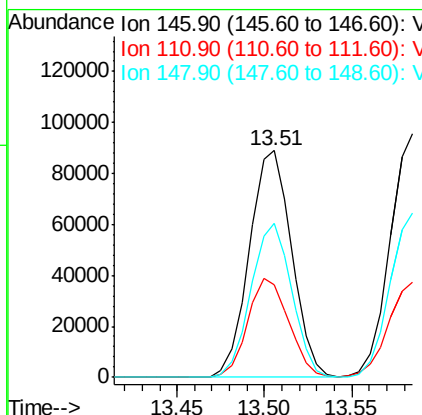
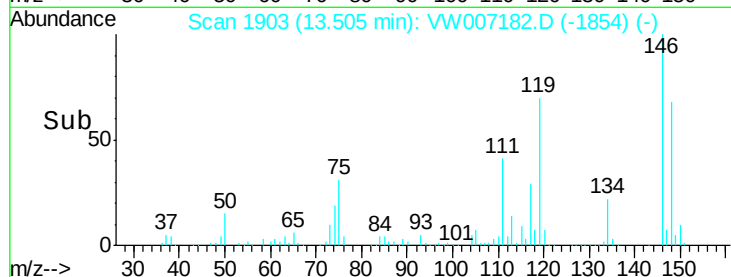
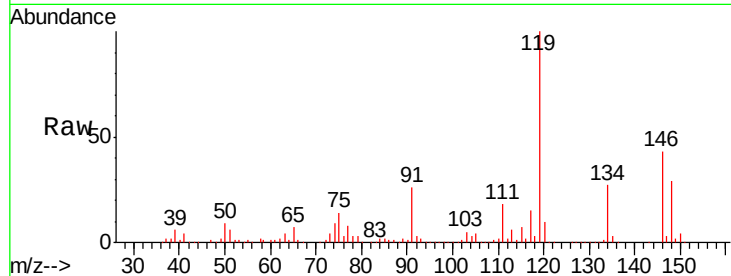
#87
 1,3-Dichlorobenzene
 Concen: 50.206 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.4
148	65.6	32.8	98.4

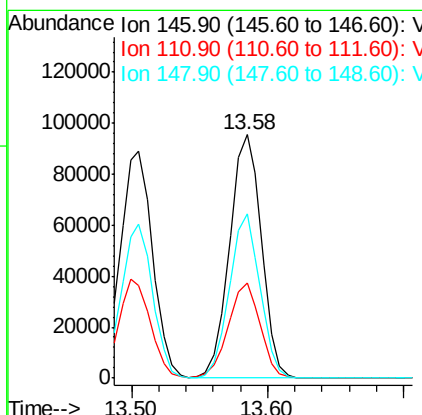
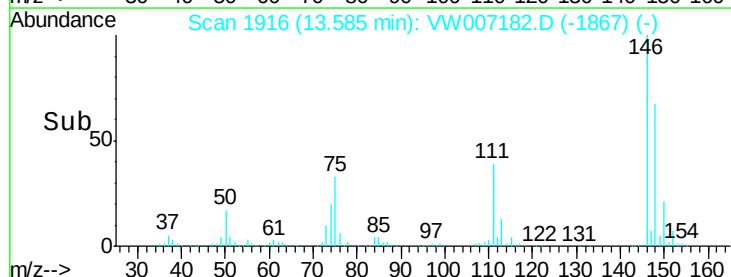
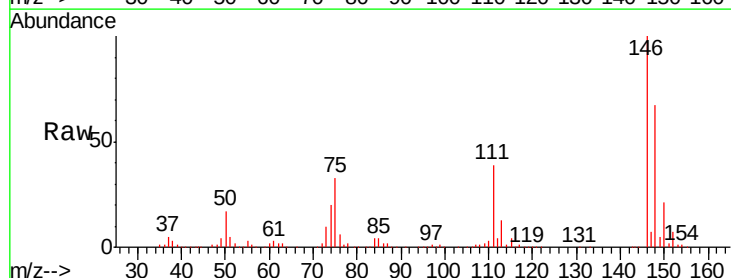
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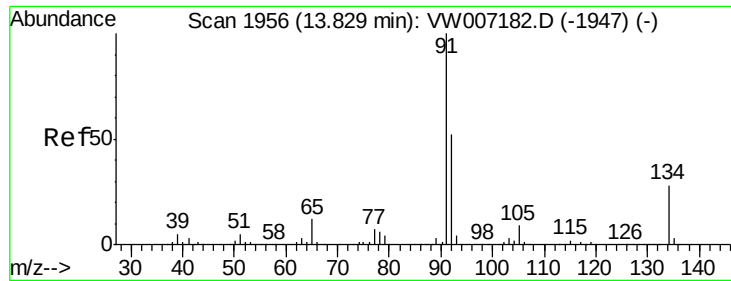
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#88
 1,4-Dichlorobenzene
 Concen: 51.370 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	65.3	32.6	98.0





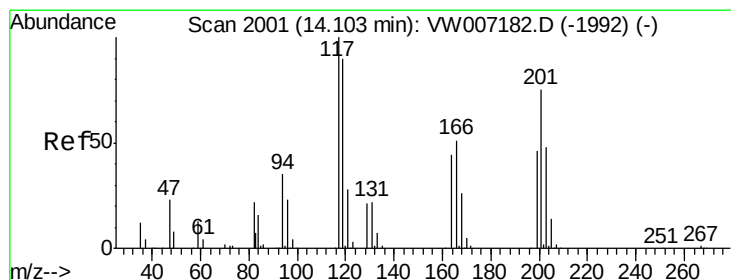
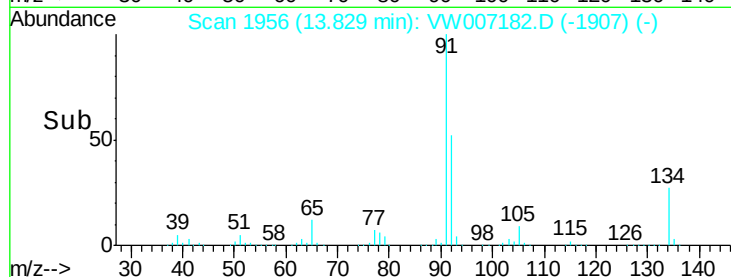
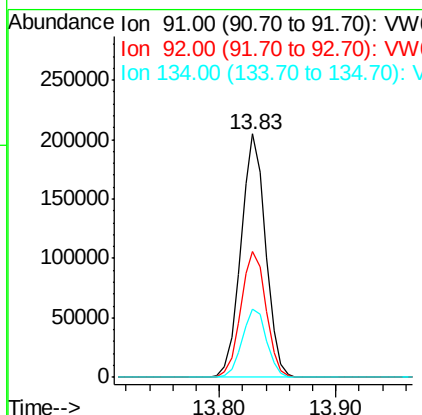
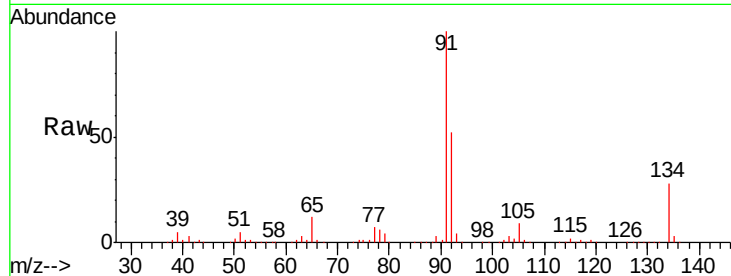
#89
n-Butylbenzene
Concen: 50.670 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.5	79.5
134	28.1	14.1	42.2

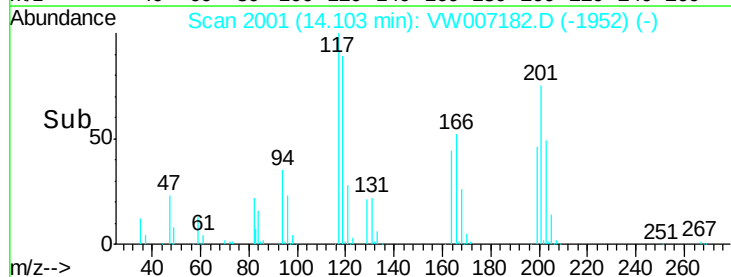
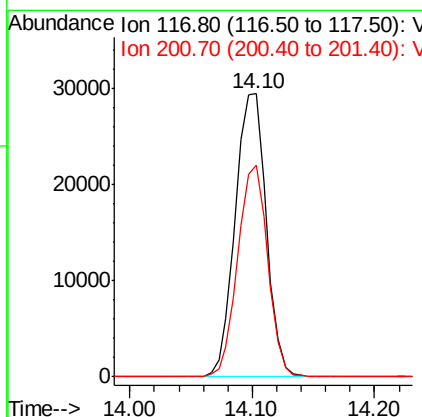
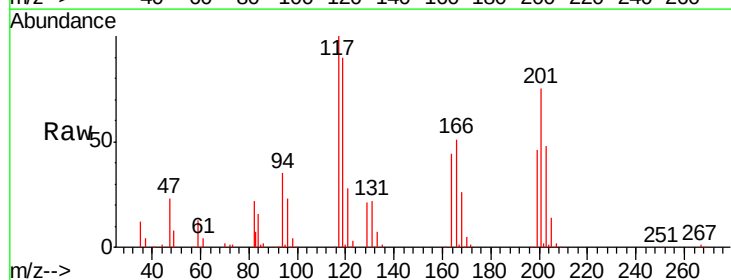
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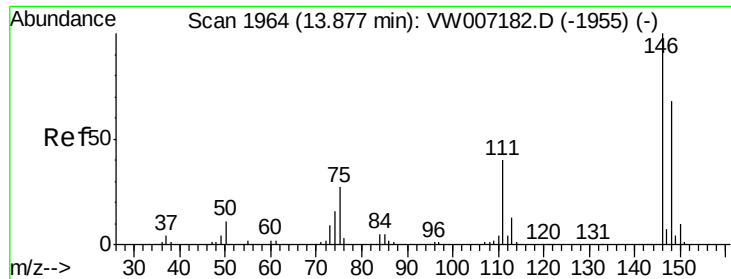
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#90
Hexachloroethane
Concen: 53.235 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.1	36.0	108.1





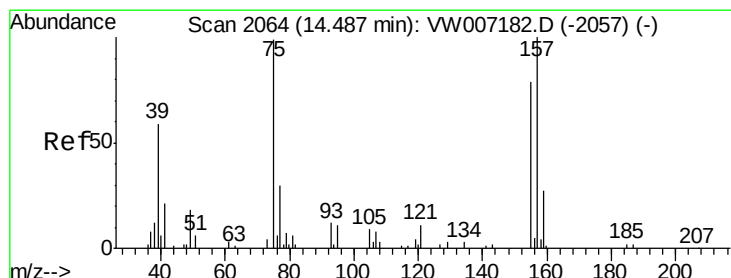
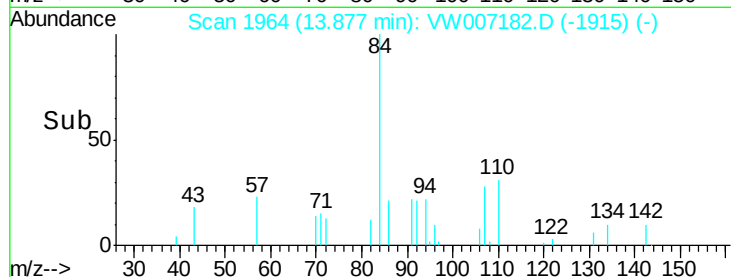
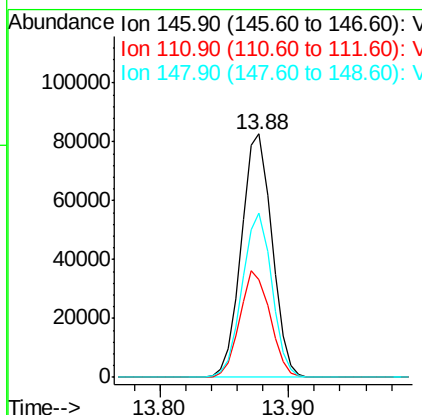
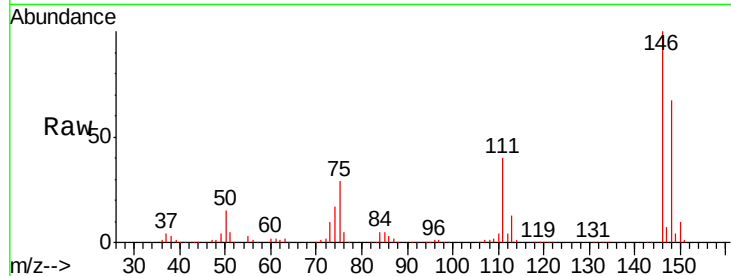
#91
 1,2-Dichlorobenzene
 Concen: 52.712 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.6	65.0
148	65.4	32.7	98.1

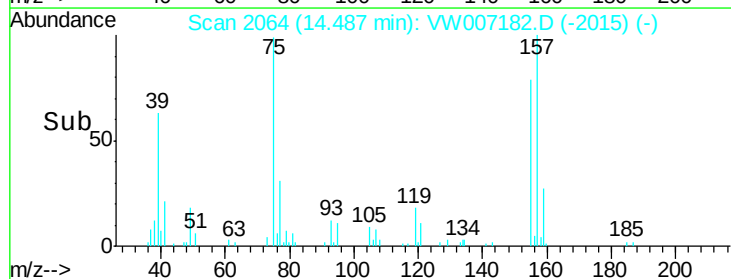
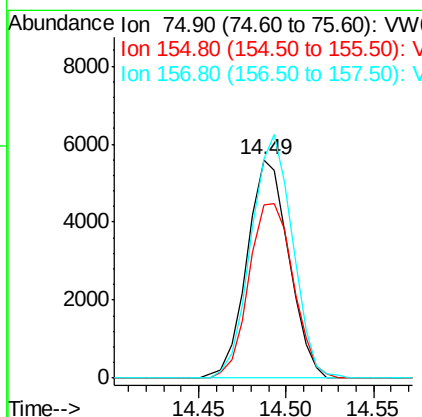
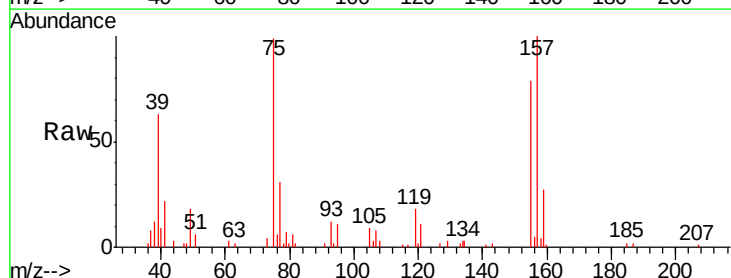
Manual Integrations
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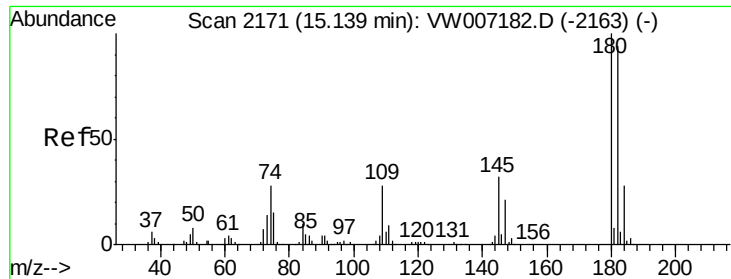
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.976 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.8	42.4	127.2
157	110.6	55.3	165.9





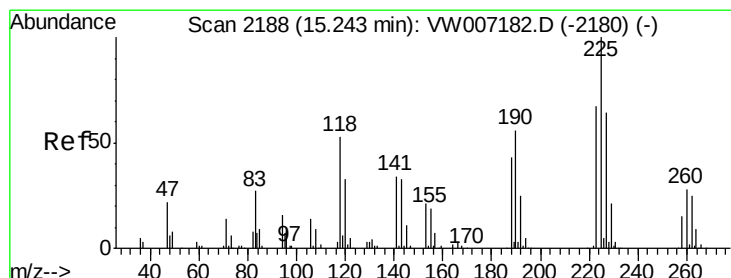
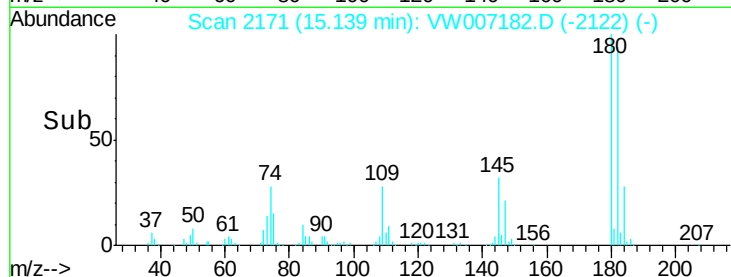
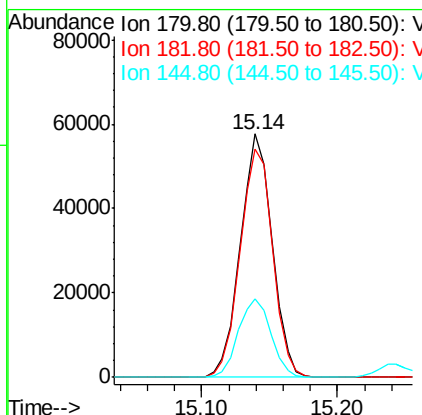
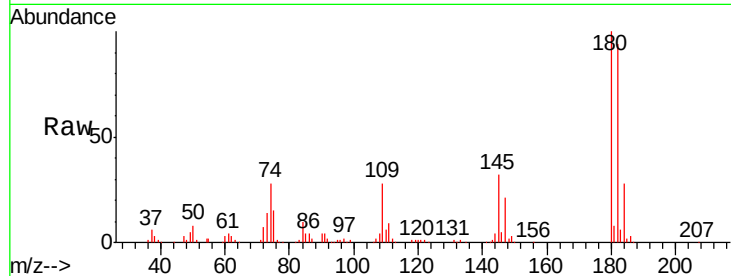
#93
 1,2,4-Trichlorobenzene
 Concen: 52.680 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.8
145	33.1	16.6	49.7

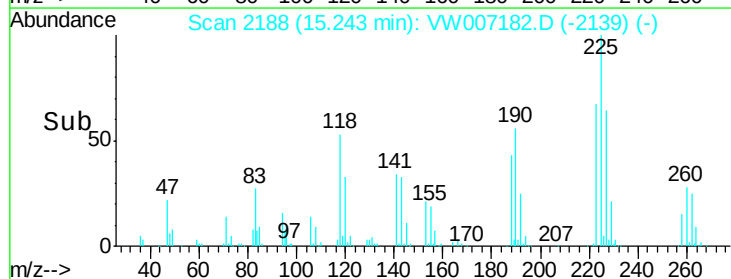
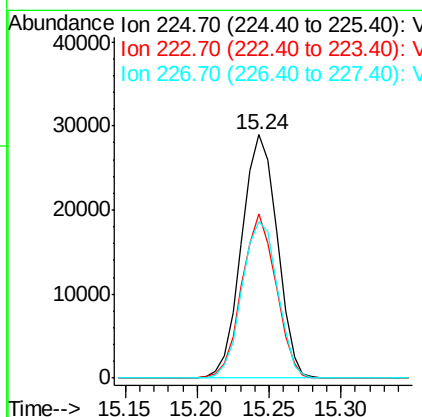
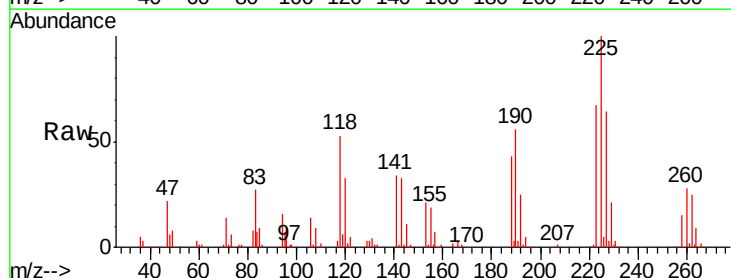
Manual Integrations
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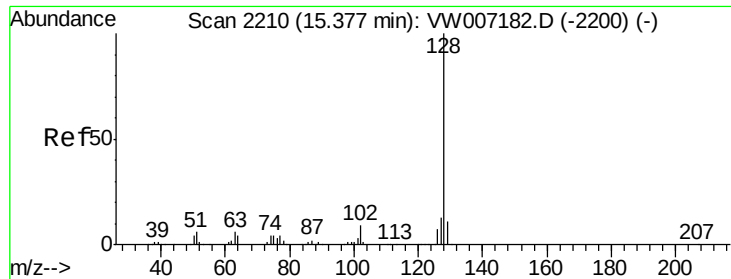
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#94
 Hexachlorobutadiene
 Concen: 51.468 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.3	96.8
227	64.2	32.1	96.3





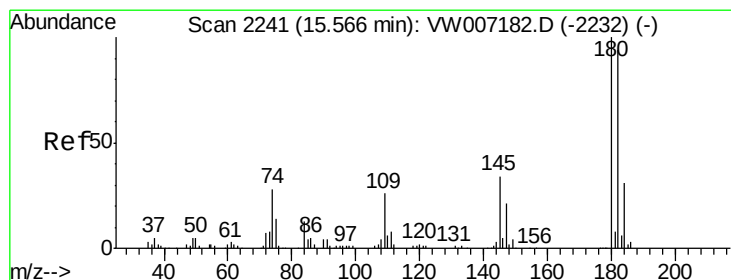
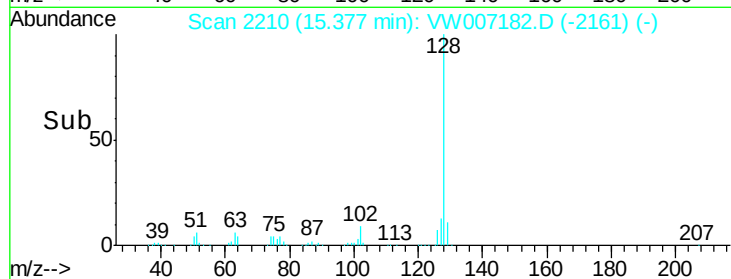
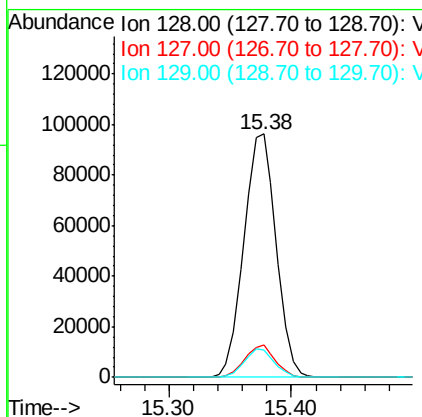
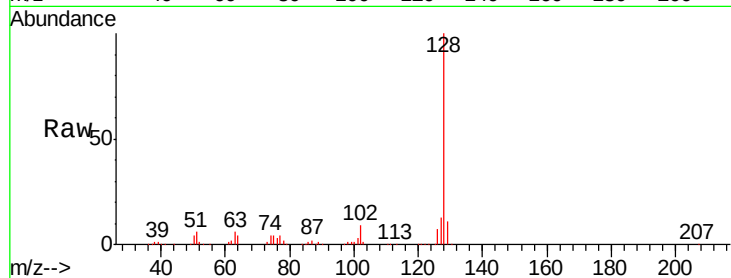
#95
Naphthalene
Concen: 55.049 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	176429		
127	12.9	10.3	15.5	
129	10.8	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.091 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	78549		
182	94.8	47.4	142.2	
145	35.2	17.6	52.8	

