

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015250.D
 Acq On : 21 Apr 2020 09:45
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 11:42:30 AM

Quant Time: Apr 22 06:21:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	178469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	86782	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	
35) Dibromofluoromethane	7.88	113	87456	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
50) Toluene-d8	10.32	98	373793	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.62	95	145953	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	87543	46.637	ug/l	98
3) Chloromethane	2.21	50	96493	47.204	ug/l	99
4) Vinyl Chloride	2.36	62	116545	48.281	ug/l	99
5) Bromomethane	2.77	94	85001	49.526	ug/l	92
6) Chloroethane	2.92	64	68786	45.940	ug/l	99
7) Trichlorofluoromethane	3.26	101	154044	45.098	ug/l	98
8) Diethyl Ether	3.69	74	42895	44.740	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.07	101	93336	44.310	ug/l	92
10) Methyl Iodide	4.28	142	112771	50.972	ug/l	98
11) Tert butyl alcohol	5.18	59	26479	167.110	ug/l	99
12) 1,1-Dichloroethene	4.04	96	91026	44.896	ug/l	94
13) Acrolein	3.90	56	21834	263.270	ug/l	100
14) Allyl chloride	4.67	41	117561	43.708	ug/l #	85
15) Acrylonitrile	5.37	53	79212	217.101	ug/l	99
16) Acetone	4.13	43	75980	223.792	ug/l	97
17) Carbon Disulfide	4.39	76	275609	45.743	ug/l	98
18) Methyl Acetate	4.68	43	36849	41.003	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	207068	44.490	ug/l	97
20) Methylene Chloride	4.92	84	98276	44.167	ug/l	92
21) trans-1,2-Dichloroethene	5.43	96	104054	45.252	ug/l	93
22) Diisopropyl ether	6.31	45	234770	45.499	ug/l	93
23) Vinyl Acetate	6.26	43	672129	221.975	ug/l	95
24) 1,1-Dichloroethane	6.22	63	161014	45.025	ug/l	98
25) 2-Butanone	7.17	43	98319	218.273	ug/l	90
26) 2,2-Dichloropropane	7.17	77	164923	43.837	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	113892	45.879	ug/l	98
28) Bromochloromethane	7.51	49	59147	45.491	ug/l #	72
29) Tetrahydrofuran	7.53	42	58060	206.890	ug/l	87
30) Chloroform	7.68	83	175923	45.581	ug/l	100
31) Cyclohexane	7.95	56	147906	41.146	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	166106	44.592	ug/l	99
36) 1,1-Dichloropropene	8.08	75	138245	45.975	ug/l	98
37) Ethyl Acetate	7.26	43	42628	43.681	ug/l	98
38) Carbon Tetrachloride	8.07	117	151621	46.141	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	178476	44.594	ug/l	97
40) Benzene	8.32	78	381168	47.454	ug/l	96
41) Methacrylonitrile	7.49	41	27341	46.693	ug/l	96
42) 1,2-Dichloroethane	8.40	62	109789	46.430	ug/l	100
43) Isopropyl Acetate	8.42	43	89361	43.659	ug/l	93
44) Trichloroethene	9.09	130	118613	48.276	ug/l	92
45) 1,2-Dichloropropane	9.37	63	87344	46.760	ug/l	100
46) Dibromomethane	9.46	93	50109	46.374	ug/l #	86
47) Bromodichloromethane	9.64	83	134684	46.627	ug/l	99
48) Methyl methacrylate	9.43	41	41994	43.401	ug/l #	84
49) 1,4-Dioxane	9.45	88	11906	826.533	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	210934	219.538	ug/l	96
52) Toluene	10.38	92	275483	49.005	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	132989	46.693	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	155339	46.922	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	68453	45.242	ug/l	99
56) Ethyl methacrylate	10.65	69	90642	46.503	ug/l	93
57) 1,3-Dichloropropane	10.93	76	115585	46.117	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	197751	218.832	ug/l	90
59) 2-Hexanone	10.97	43	159100	231.971	ug/l	96
60) Dibromochloromethane	11.13	129	95869	47.989	ug/l	100
61) 1,2-Dibromoethane	11.23	107	69033	46.759	ug/l	100
64) Tetrachloroethene	10.86	164	109298	48.350	ug/l	94
65) Chlorobenzene	11.66	112	303335	48.805	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	109748	49.129	ug/l	97
67) Ethyl Benzene	11.73	91	558809	48.212	ug/l	100
68) m/p-Xylenes	11.83	106	444778	97.898	ug/l	99
69) o-Xylene	12.16	106	208412	49.146	ug/l	99
70) Styrene	12.18	104	361109	49.956	ug/l	98
71) Bromoform	12.35	173	59543	47.306	ug/l #	98
73) Isopropylbenzene	12.46	105	569772	46.046	ug/l	100
74) N-amyl acetate	12.27	43	92732	43.076	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	75548	43.001	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	61355m	44.439	ug/l	
77) Bromobenzene	12.74	156	136551	48.032	ug/l	83
78) n-propylbenzene	12.80	91	662761	46.001	ug/l	96
79) 2-Chlorotoluene	12.89	91	380299	46.838	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	493363	46.285	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	27663	43.799	ug/l	94
82) 4-Chlorotoluene	12.99	91	405849	47.078	ug/l	98
83) tert-Butylbenzene	13.21	119	434175	46.603	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	486429	46.267	ug/l	100
85) sec-Butylbenzene	13.38	105	583523	45.353	ug/l	97
86) p-Isopropyltoluene	13.50	119	555287	46.446	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	271474	48.060	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	267015	48.223	ug/l	97
89) n-Butylbenzene	13.82	91	491848	45.010	ug/l	97
90) Hexachloroethane	14.09	117	100400	45.792	ug/l	71
91) 1,2-Dichlorobenzene	13.87	146	234295	47.732	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	14013	44.074	ug/l	85

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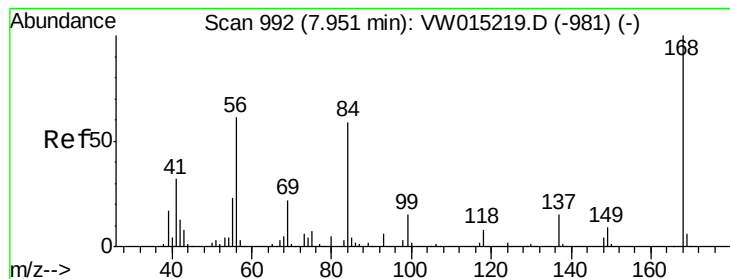
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	163134	47.814	ug/l	98
94) Hexachlorobutadiene	15.23	225	109301	48.051	ug/l	97
95) Naphthalene	15.36	128	254725	46.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	132622	47.775	ug/l	97

(#) = 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: VW015250.D

Acq: 21 Apr 2020 09:45

Tot Ion: 168 Resp: 237704

Ion Ratio Lower Upper

168 100

99 50.1 48.5 72.7

Instrument :

MSVOA_W

ClientSampleId :

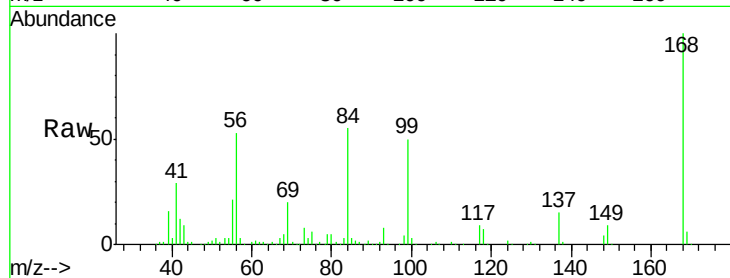
VSTDCCC050

Manual Integrations

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4/22/2020 11:42:30 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

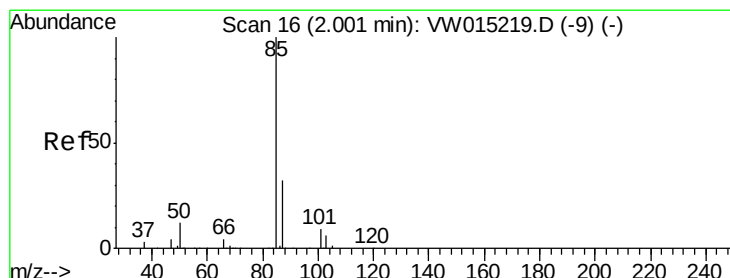
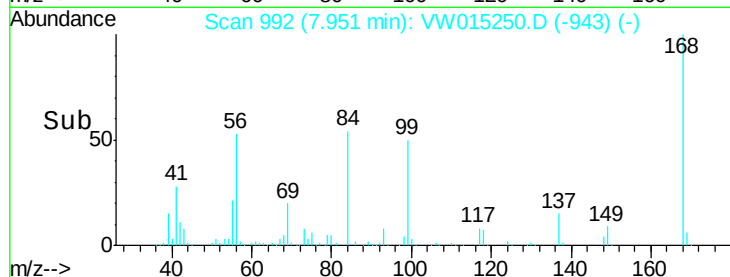
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 46.637 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015250.D

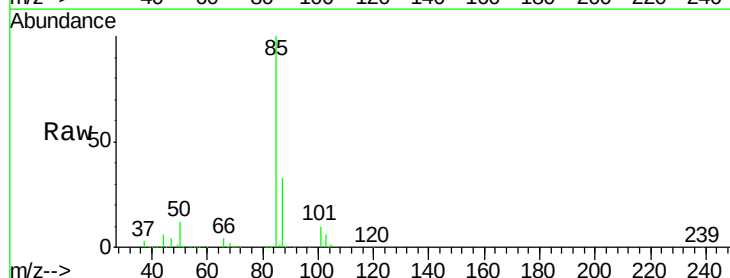
Acq: 21 Apr 2020 09:45

Tgt Ion: 85 Resp: 87543

Ion Ratio Lower Upper

85 100

87 33.4 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

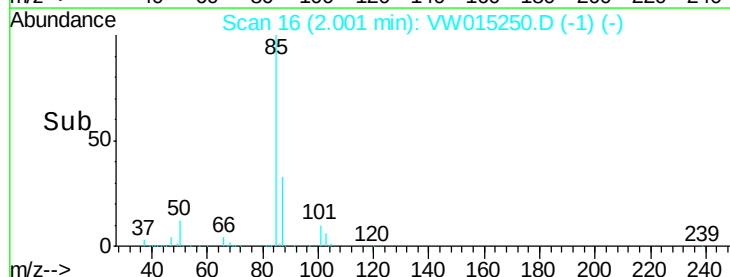
60000

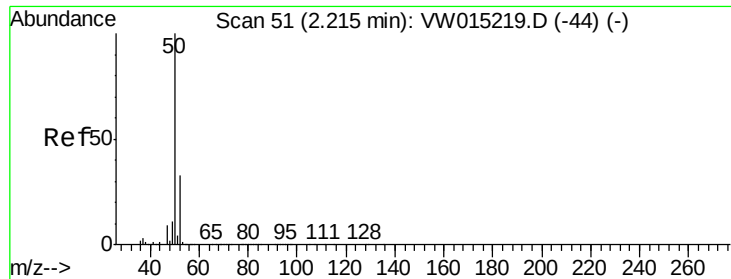
40000

20000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 47.204 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 96493

Ion Ratio Lower Upper

50 100

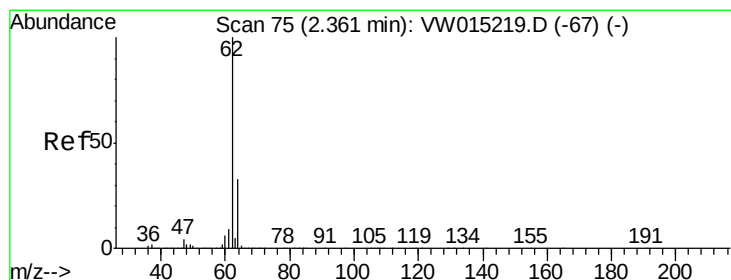
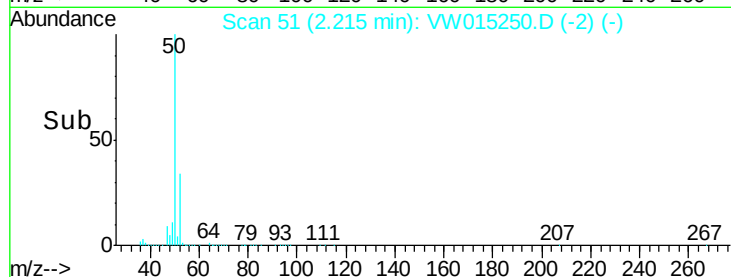
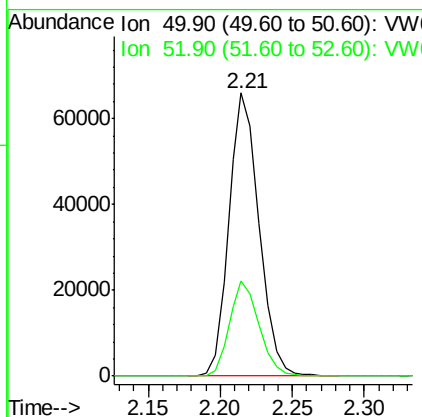
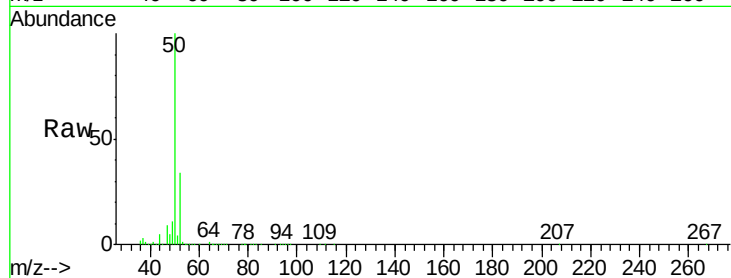
52 33.7 26.5 39.7

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#4

Vinyl Chloride

Concen: 48.281 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015250.D

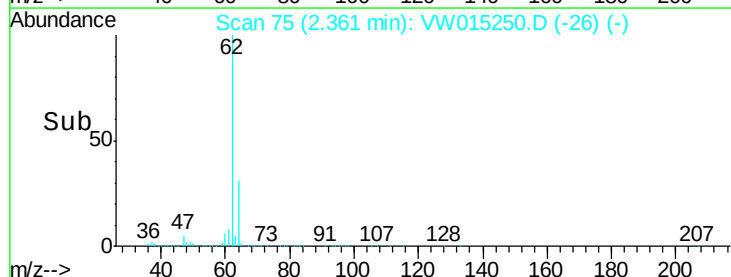
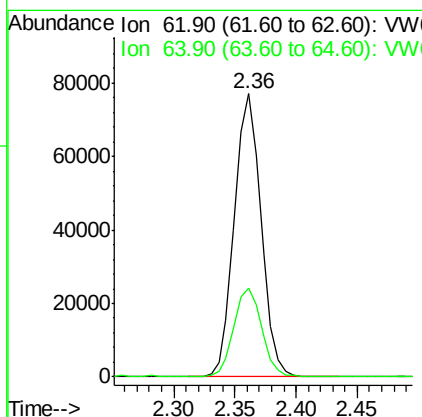
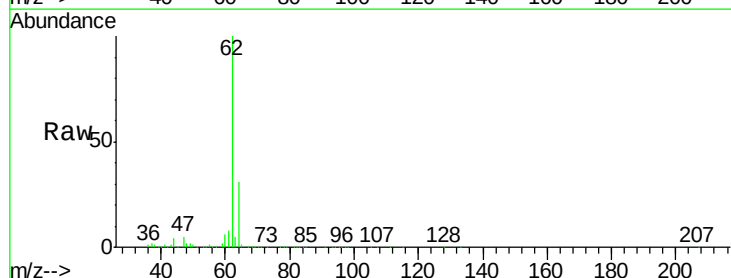
Acq: 21 Apr 2020 09:45

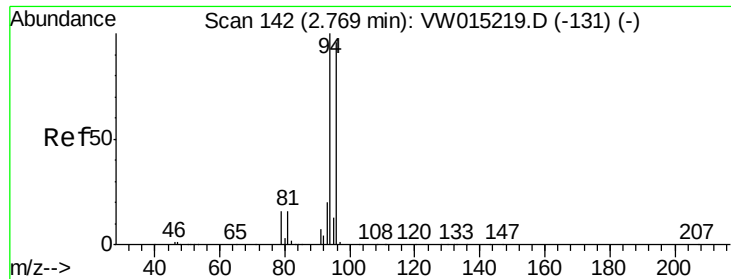
Tgt Ion: 62 Resp: 116545

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2





#5

Bromomethane

Concen: 49.526 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 85001

Ion Ratio Lower Upper

94 100

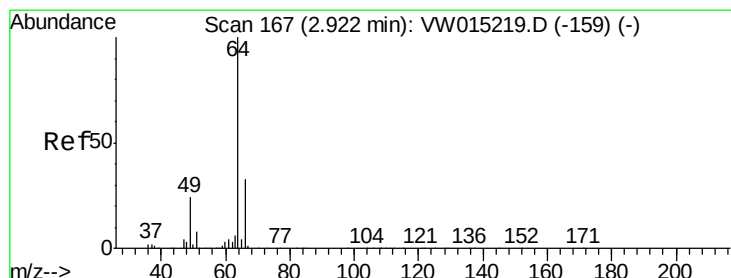
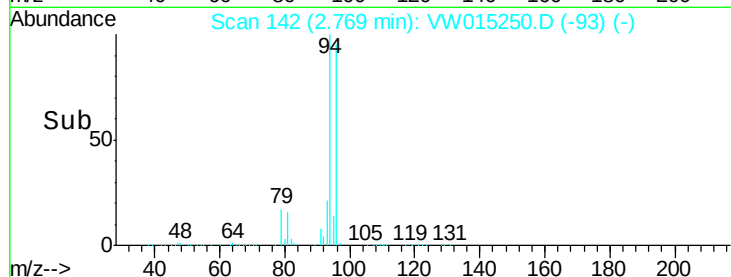
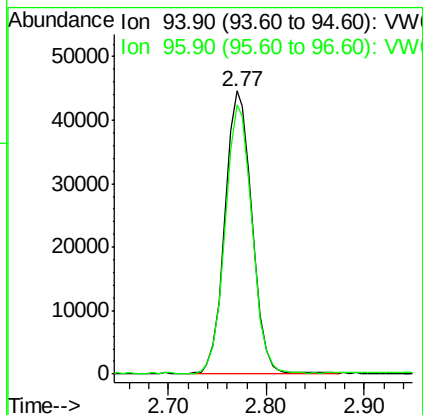
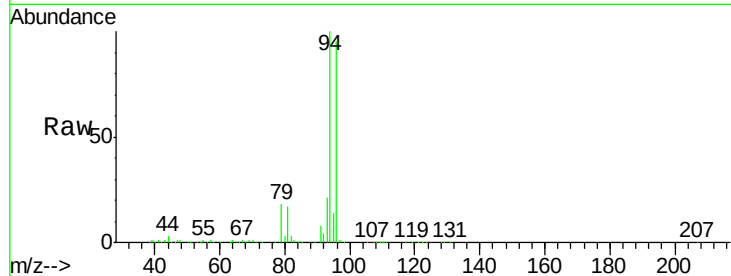
96 95.0 70.4 105.6

Manual Integrations

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#6

Chloroethane

Concen: 45.940 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW015250.D

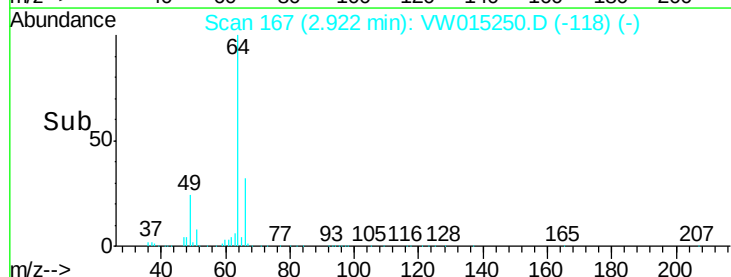
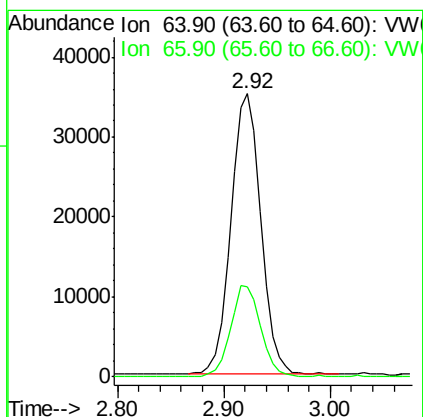
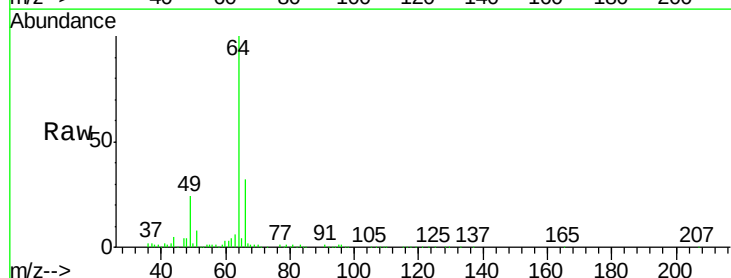
Acq: 21 Apr 2020 09:45

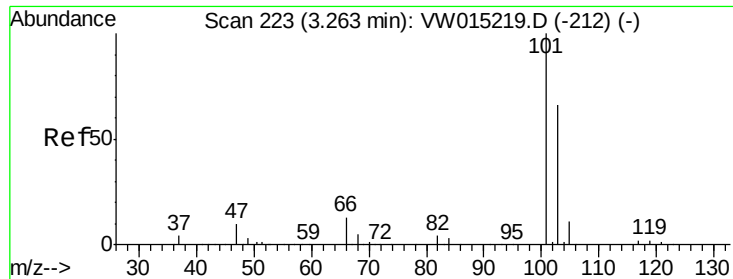
Tgt Ion: 64 Resp: 68786

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.6





#7

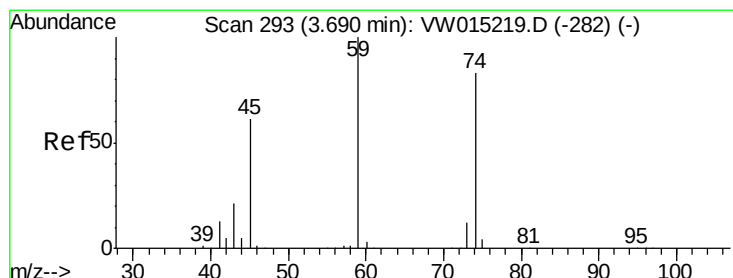
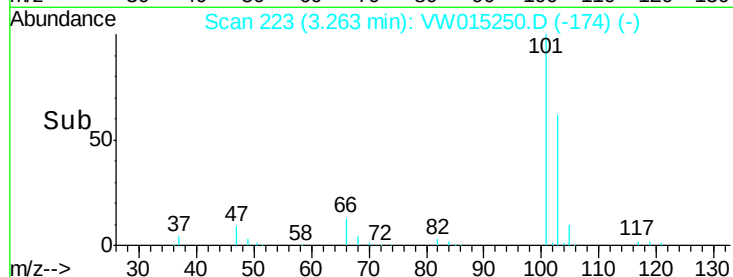
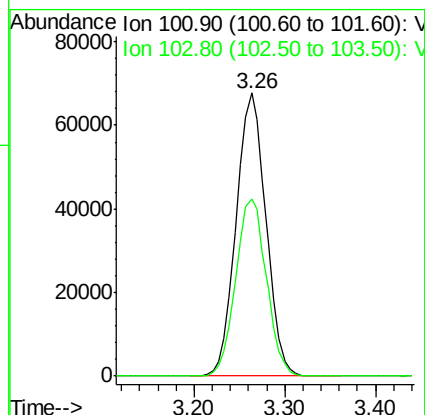
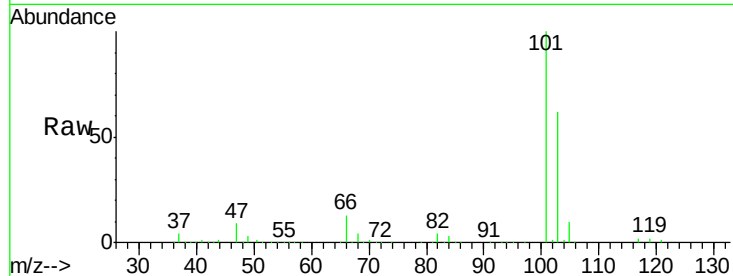
Trichlorofluoromethane
Concen: 45.098 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

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ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 154044
Ion Ratio Lower Upper
101 100
103 62.5 51.3 76.9

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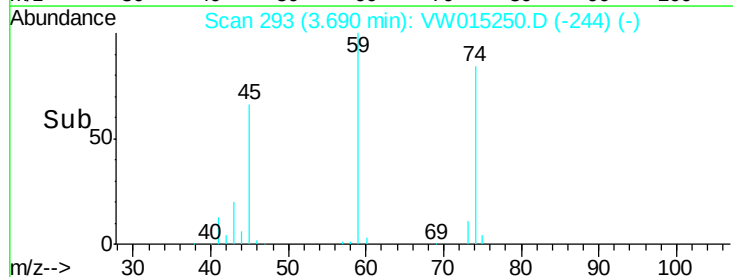
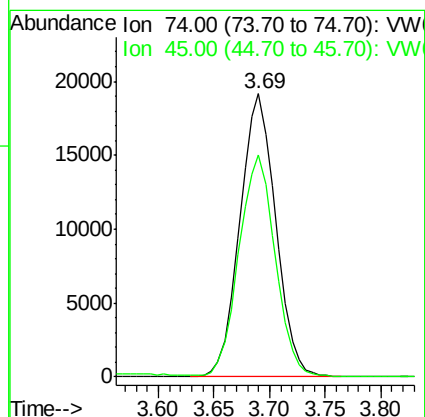
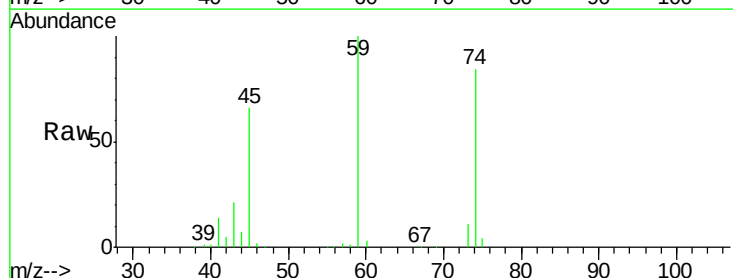
MMDadoda
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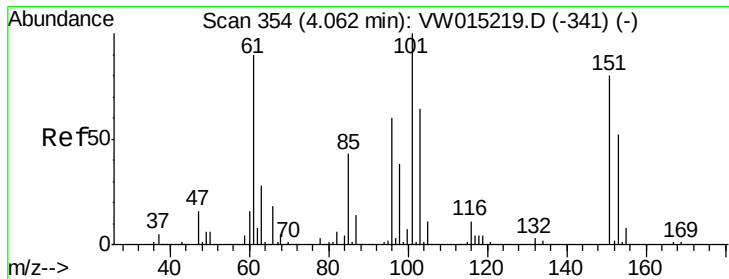


#8

Diethyl Ether
Concen: 44.740 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion: 74 Resp: 42895
Ion Ratio Lower Upper
74 100
45 79.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.310 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

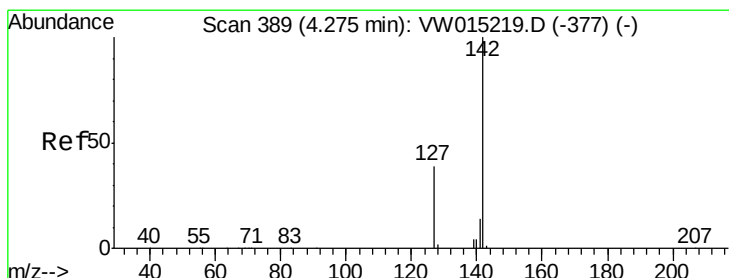
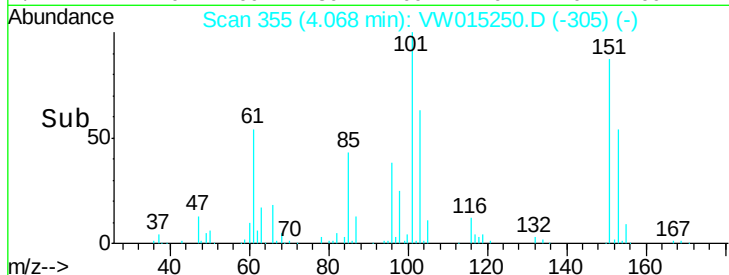
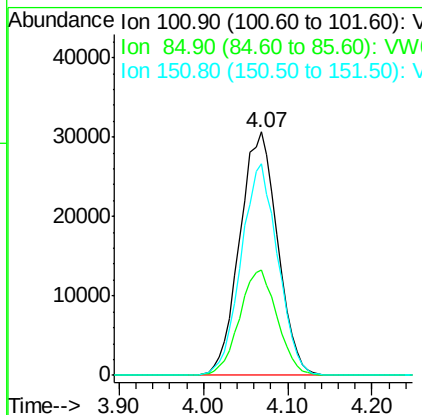
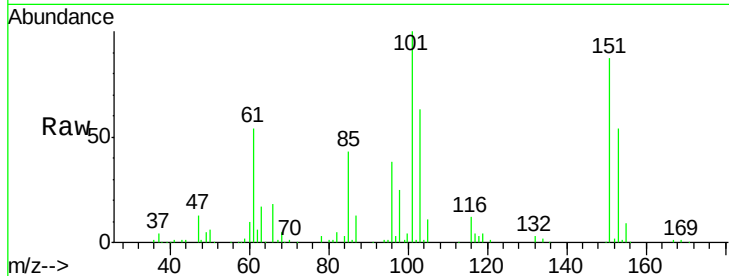
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	93336
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.3	52.9
151	84.4	59.3	88.9

Manual Integrations
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#10

Methyl Iodide

Concen: 50.972 ug/l

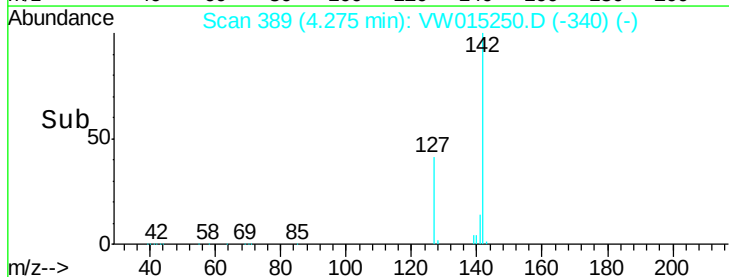
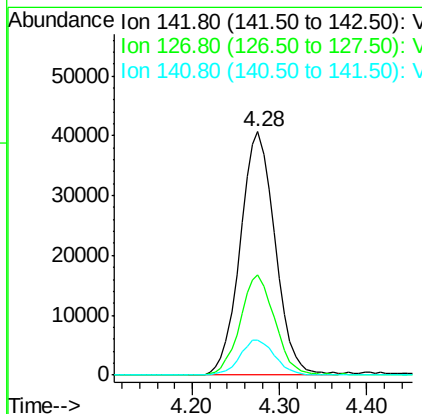
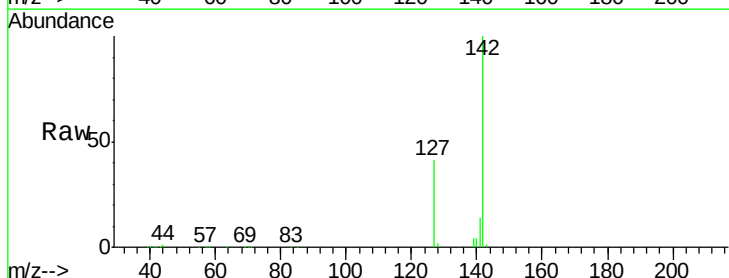
RT: 4.28 min Scan# 389

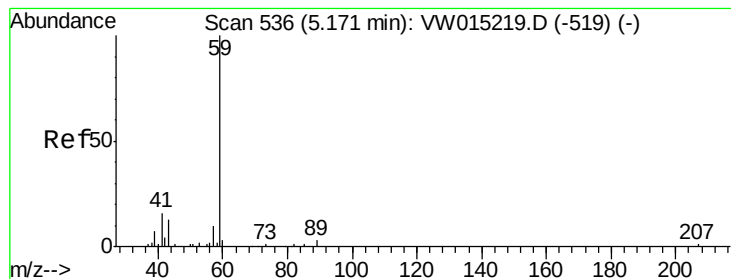
Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Tgt Ion:	142	Resp:	112771
Ion Ratio	Lower	Upper	
142	100		
127	40.6	33.9	50.9
141	14.2	11.4	17.2





#11

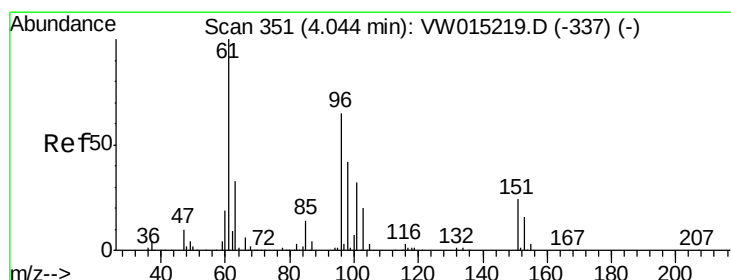
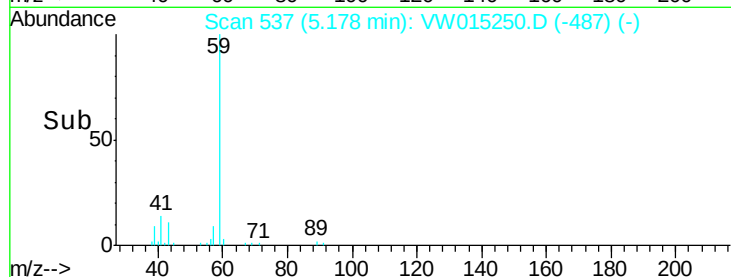
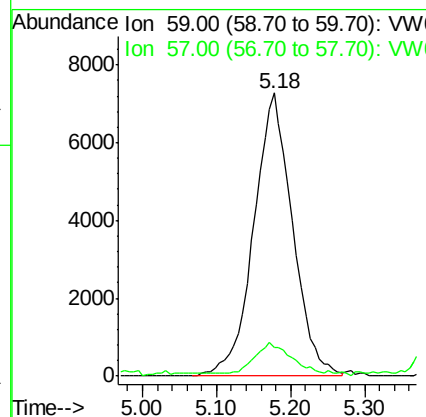
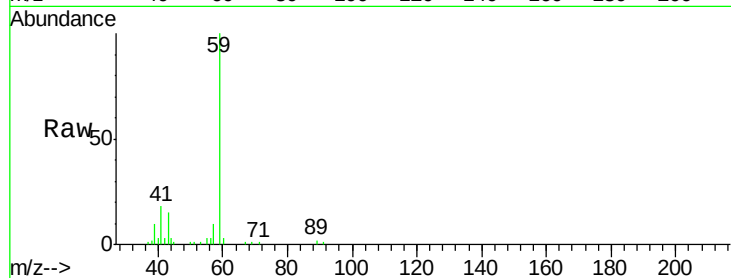
Tert butyl alcohol
Concen: 167.110 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	26479
Ion Ratio	100	Lower	Upper
57	10.1	8.4	12.6

Manual Integrations
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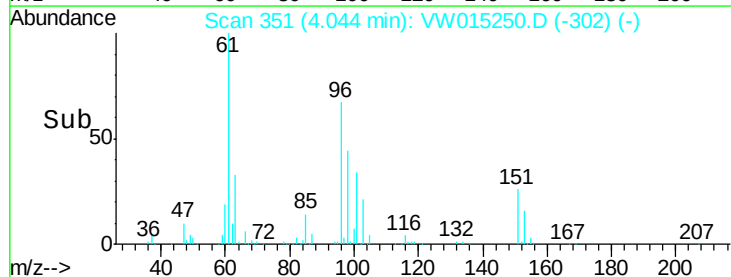
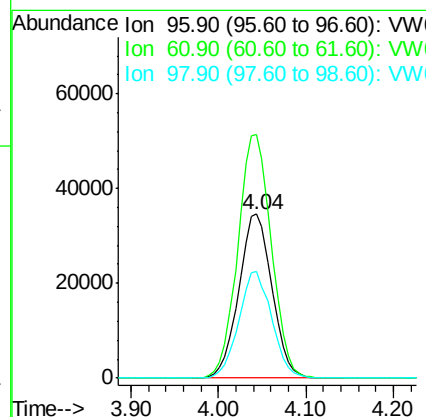
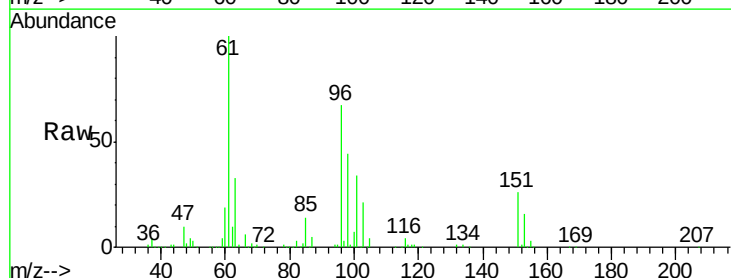
MMDadoda
4/22/2020 11:42:30 AM

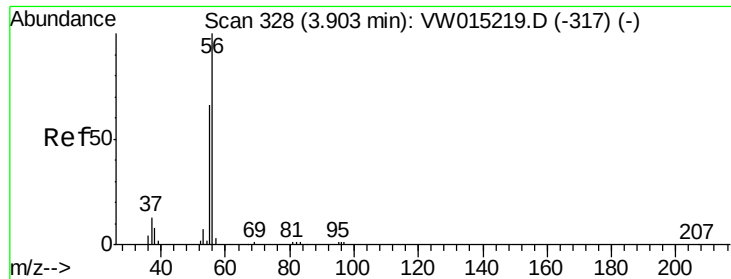


#12

1,1-Dichloroethene
Concen: 44.896 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion	96	Resp	91026
Ion Ratio	100	Lower	Upper
61	148.7	127.0	190.4
98	65.3	51.0	76.4





#13

Acrolein

Concen: 263.270 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 21834

Ion Ratio Lower Upper

56 100

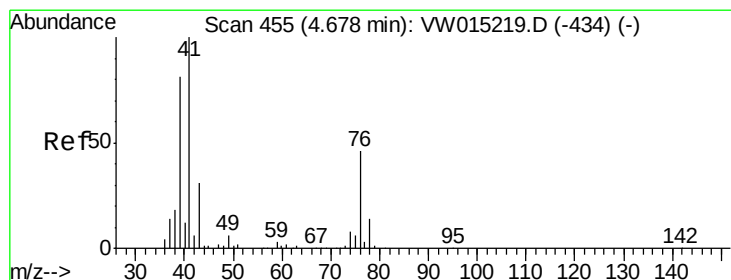
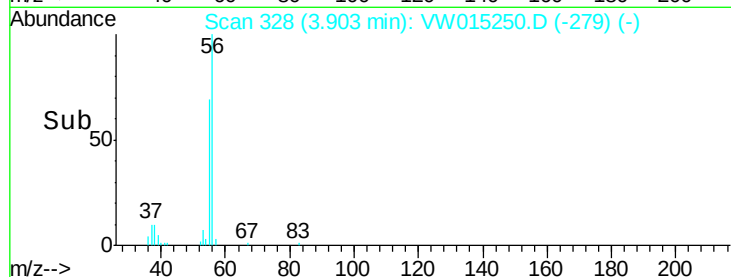
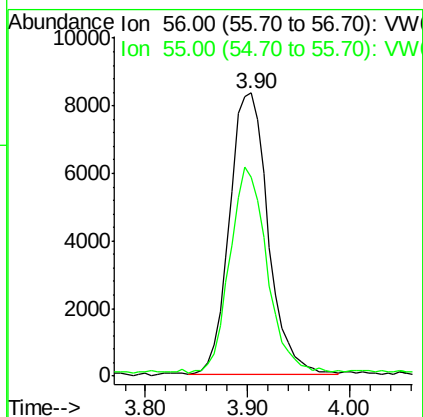
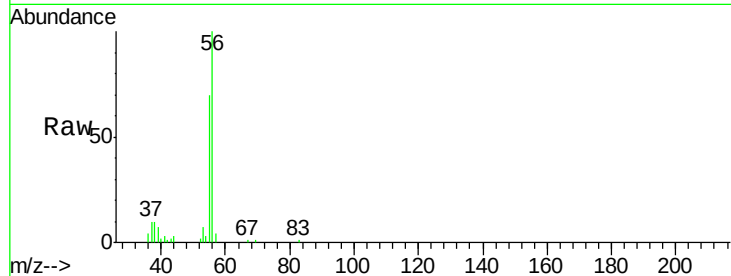
55 69.8 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 43.708 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

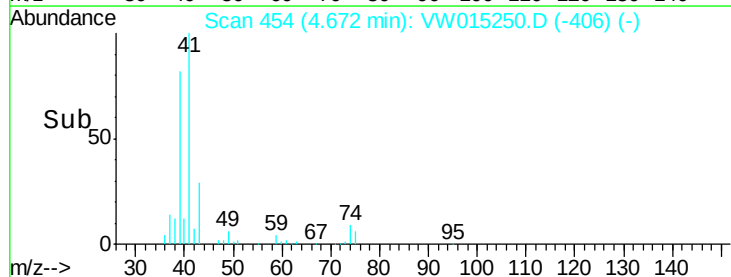
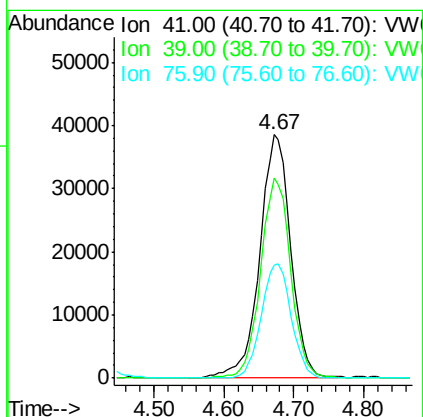
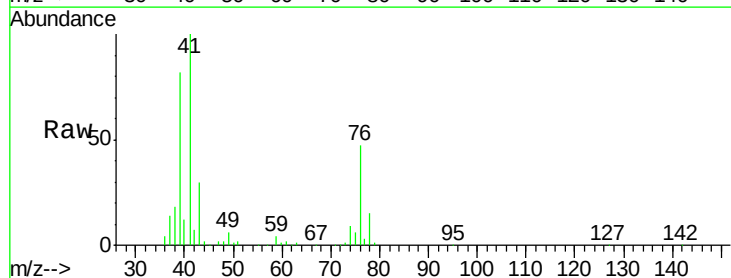
Tgt Ion: 41 Resp: 117561

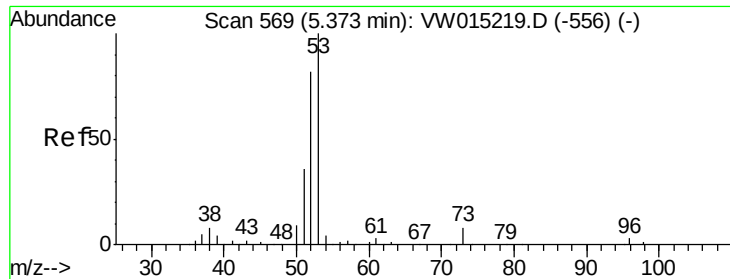
Ion Ratio Lower Upper

41 100

39 81.1 54.0 81.0#

76 46.1 31.8 47.6





#15

Acrylonitrile

Concen: 217.101 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

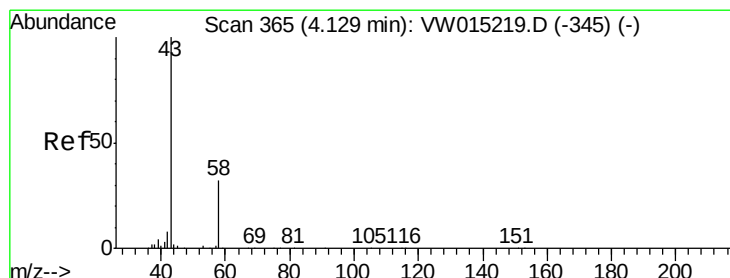
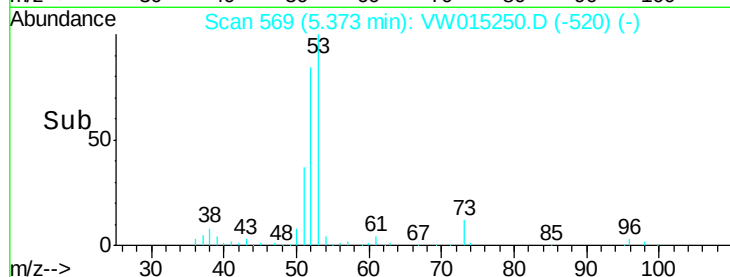
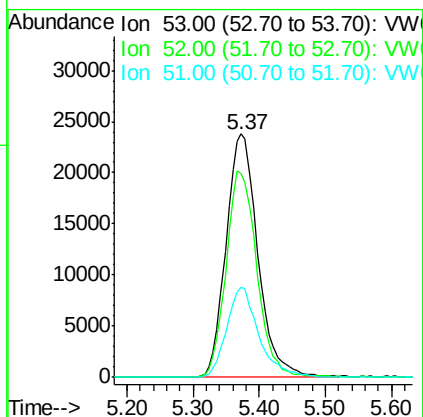
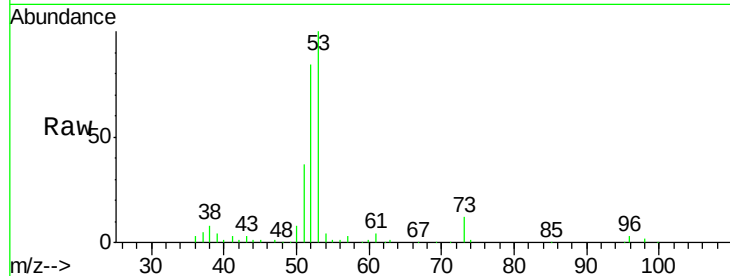
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	79212
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.2	97.8
51	37.5	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 223.792 ug/l

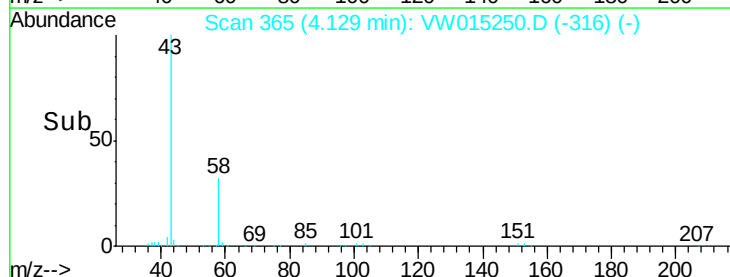
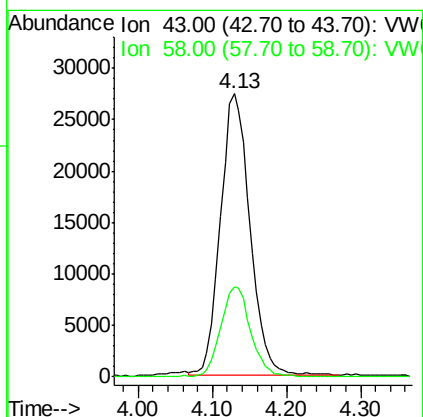
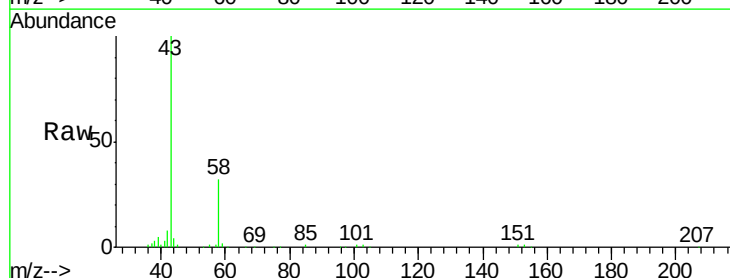
RT: 4.13 min Scan# 365

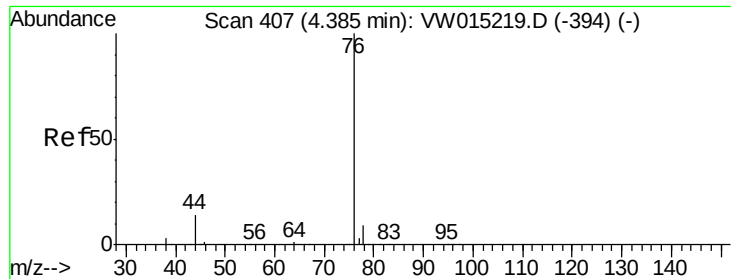
Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Tgt Ion:	43	Resp:	75980
Ion	Ratio	Lower	Upper
43	100		
58	31.8	27.0	40.4





#17

Carbon Disulfide

Concen: 45.743 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 275609

Ion Ratio Lower Upper

76 100

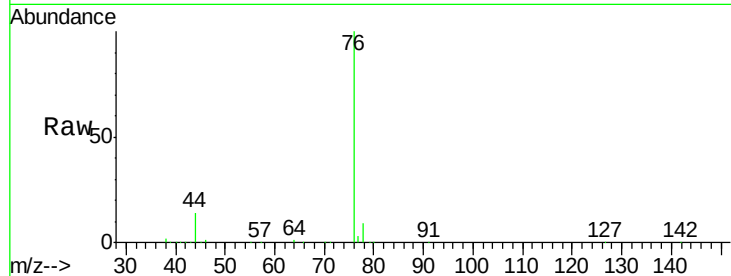
78 9.4 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

100000

80000

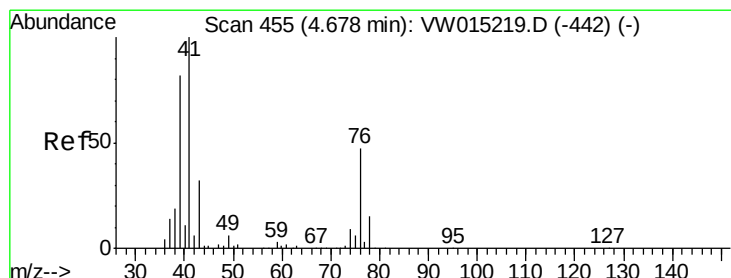
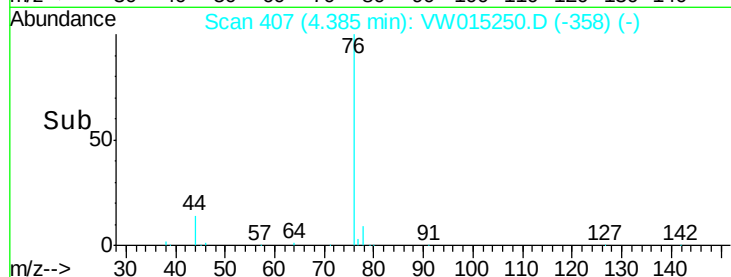
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 41.003 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW015250.D

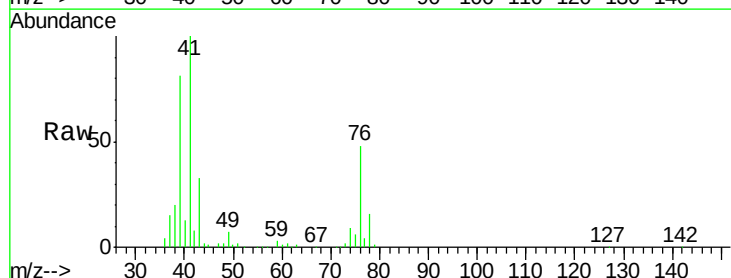
Acq: 21 Apr 2020 09:45

Tgt Ion: 43 Resp: 36849

Ion Ratio Lower Upper

43 100

74 29.1 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

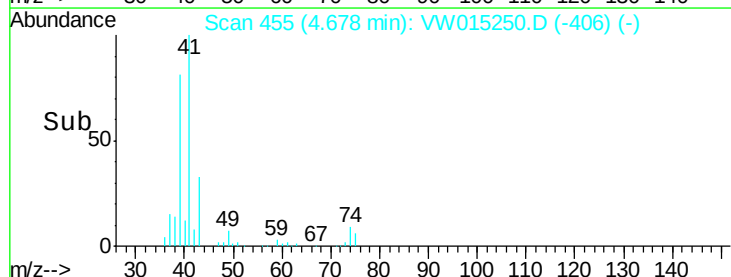
4.68

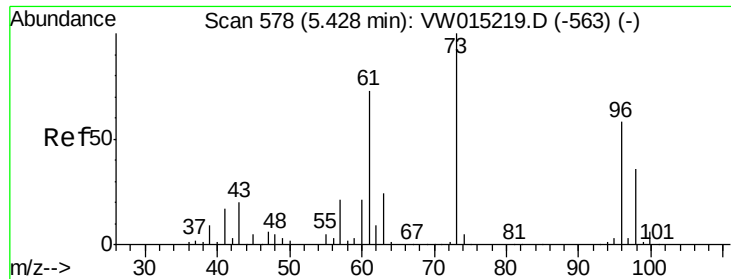
10000

5000

0

Time-->





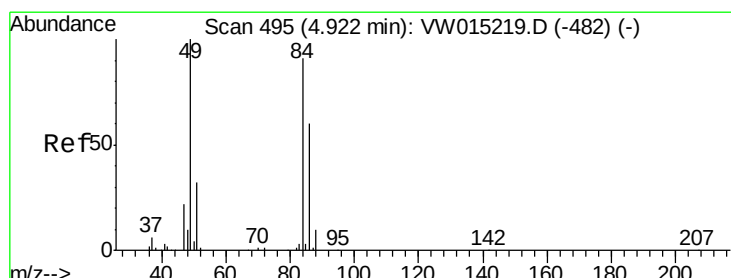
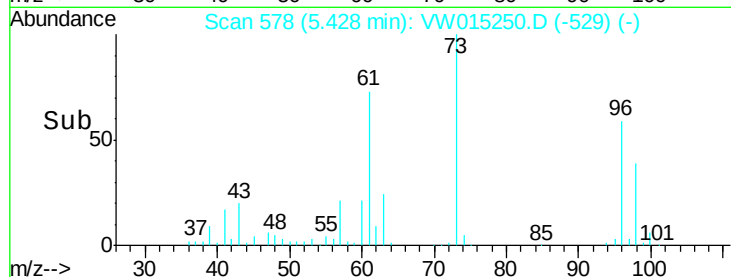
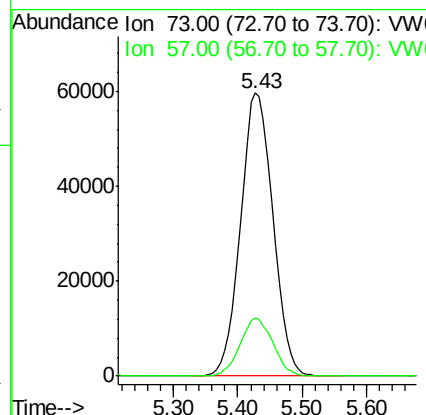
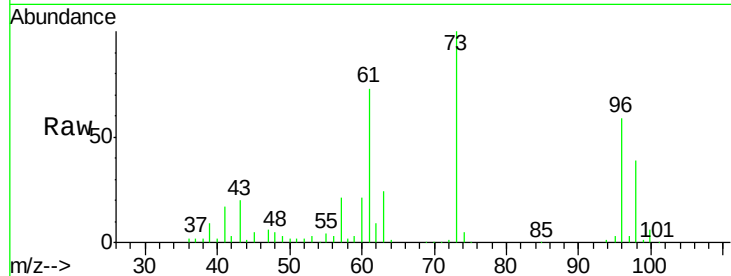
#19
Methyl tert-butyl Ether
Concen: 44.490 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 207068
Ion Ratio Lower Upper
73 100
57 20.5 17.8 26.6

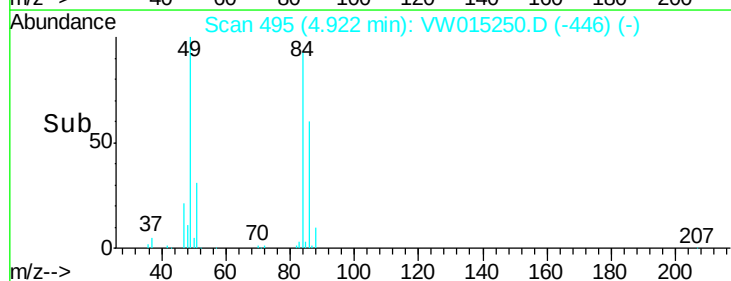
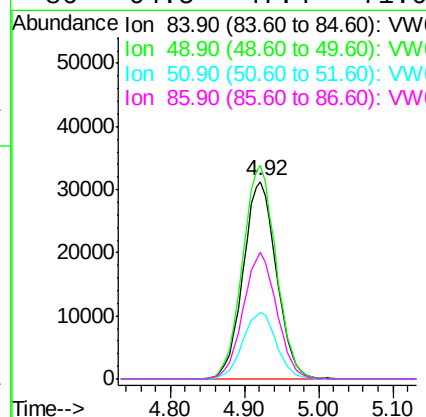
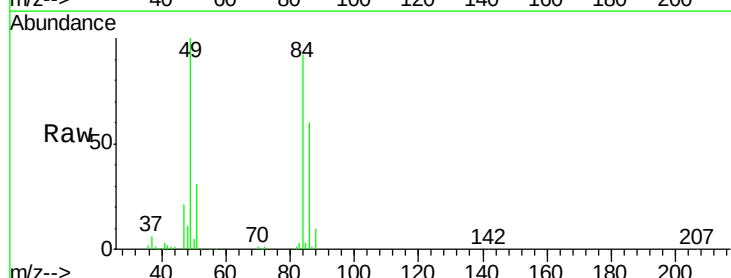
Manual Integrations
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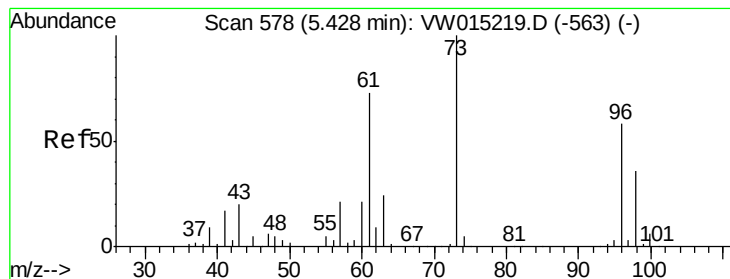
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4/22/2020 11:42:30 AM



#20
Methylene Chloride
Concen: 44.167 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion: 84 Resp: 98276
Ion Ratio Lower Upper
84 100
49 108.3 95.4 143.0
51 33.7 29.8 44.8
86 64.5 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 45.252 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 96 Resp: 104054

Ion Ratio Lower Upper

96 100

61 123.9 107.8 161.6

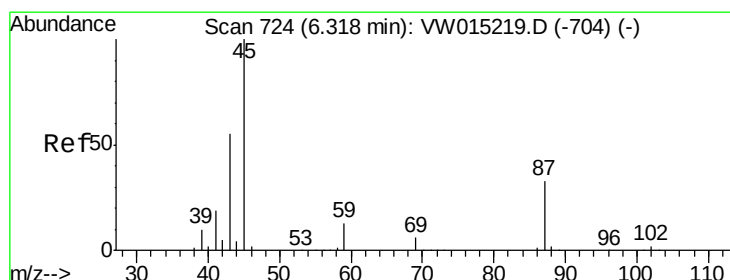
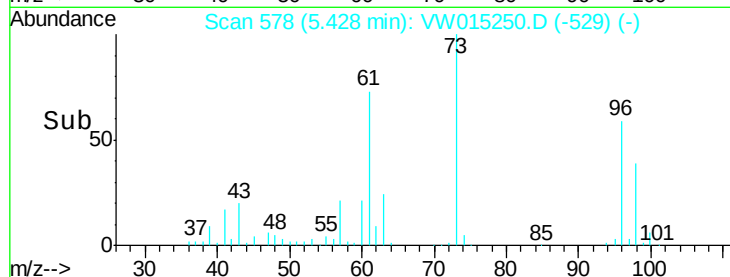
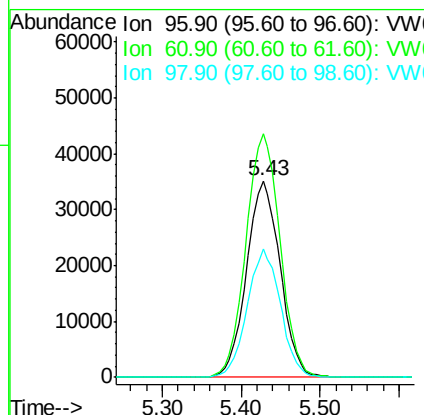
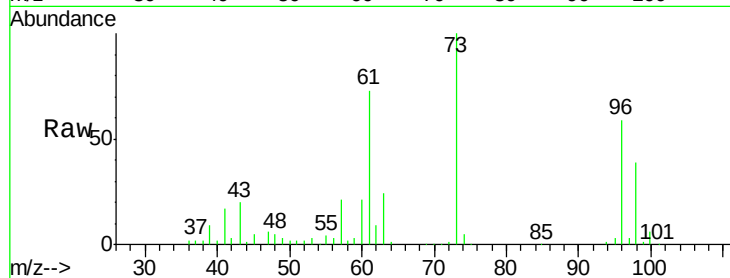
98 65.7 50.2 75.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 45.499 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Tgt Ion: 45 Resp: 234770

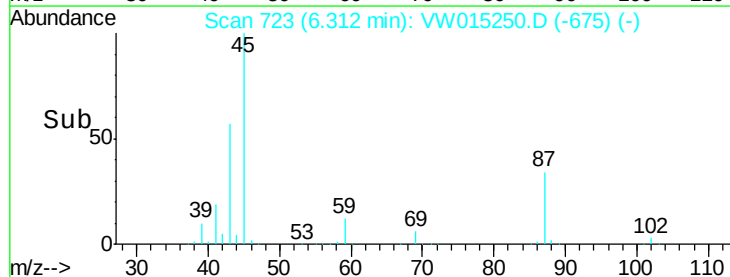
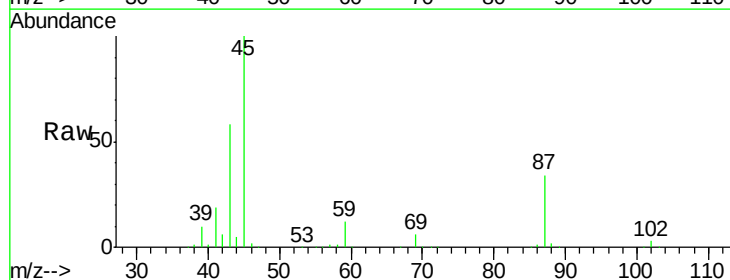
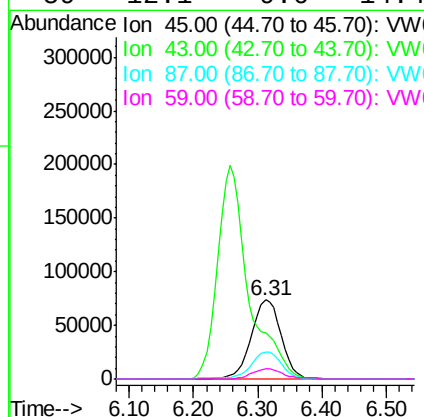
Ion Ratio Lower Upper

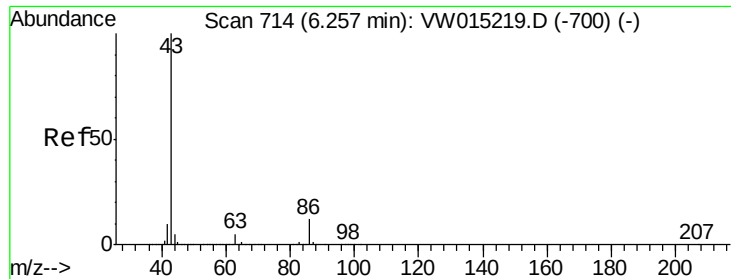
45 100

43 57.0 41.8 62.6

87 34.4 23.2 34.8

59 12.1 9.6 14.4





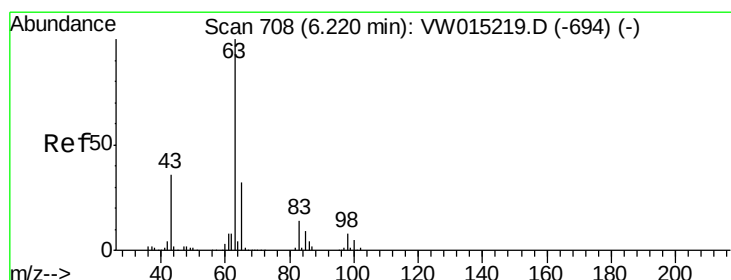
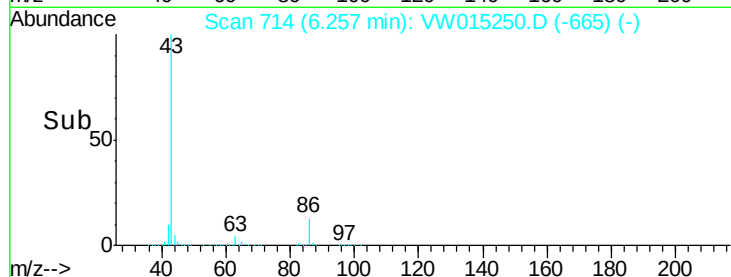
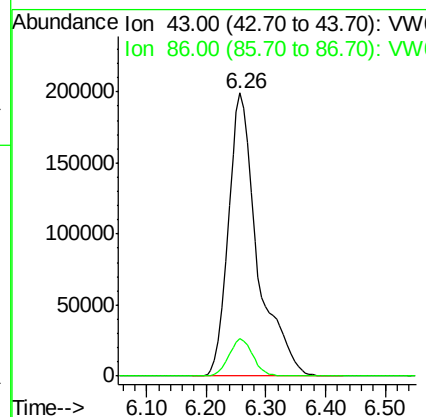
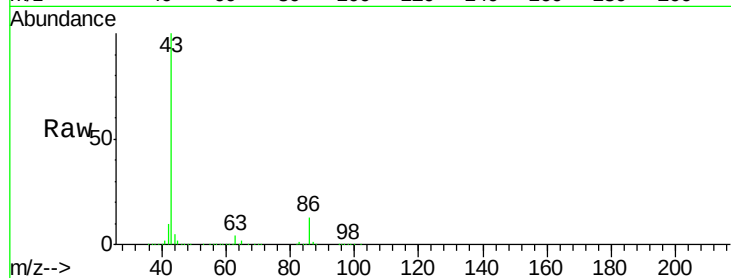
#23
 Vinyl Acetate
 Concen: 221.975 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
86	13.3	9.1	13.7

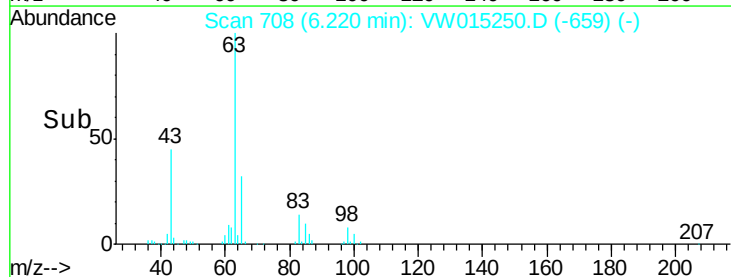
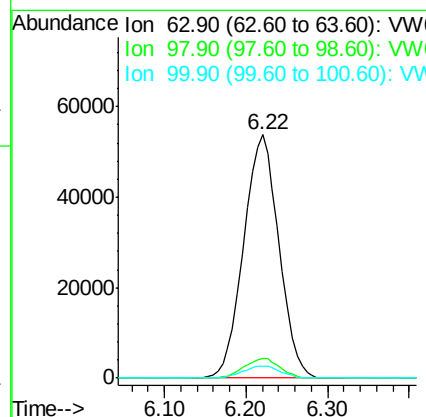
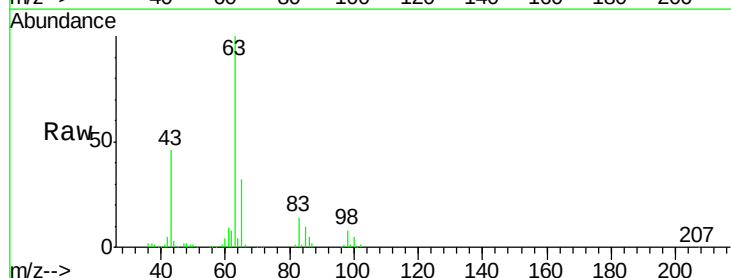
Manual Integrations
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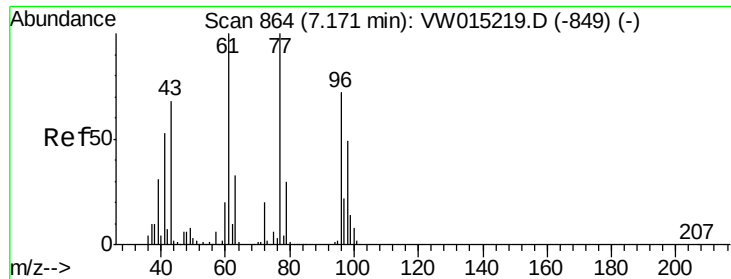
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#24
 1,1-Dichloroethane
 Concen: 45.025 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Lower	Upper
63	100		
98	8.1	3.6	10.9
100	5.1	2.4	7.2





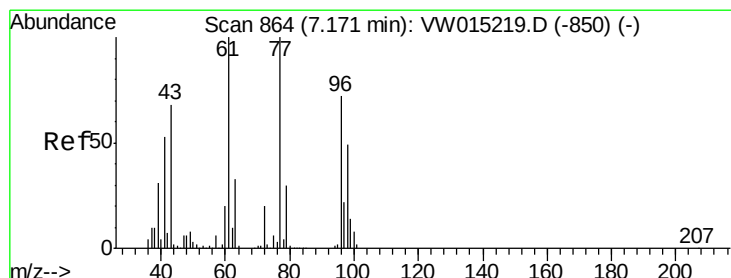
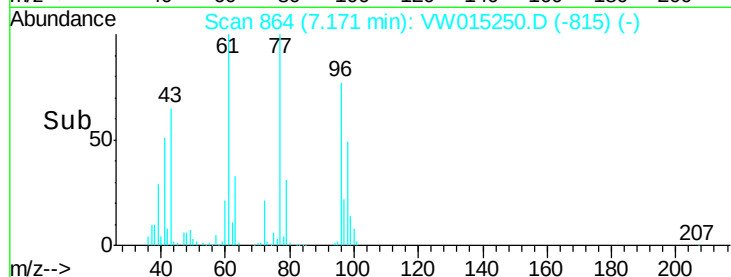
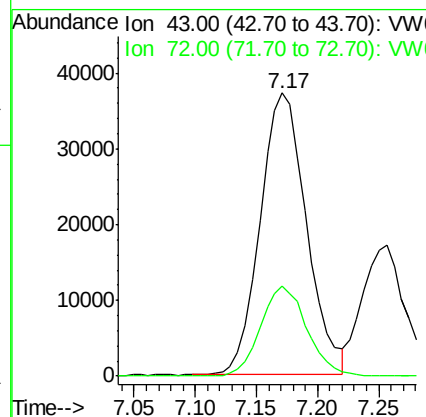
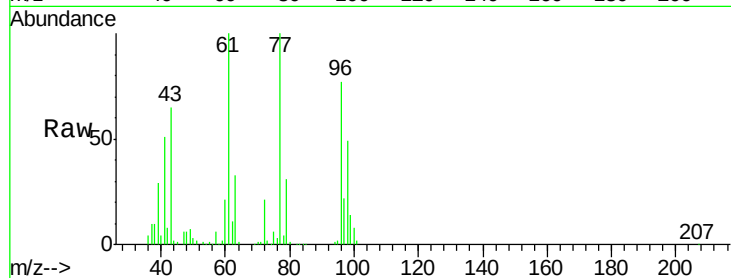
#25
2-Butanone
Concen: 218.273 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 98319
Ion Ratio Lower Upper
43 100
72 32.0 21.6 32.4

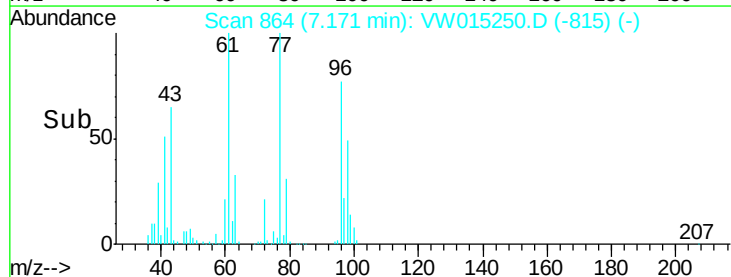
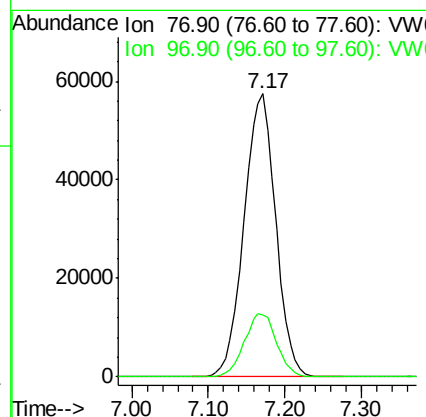
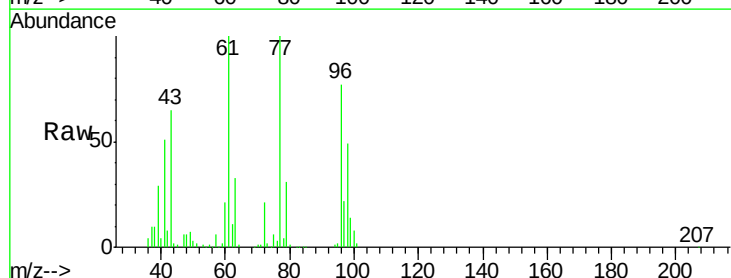
Manual Integrations
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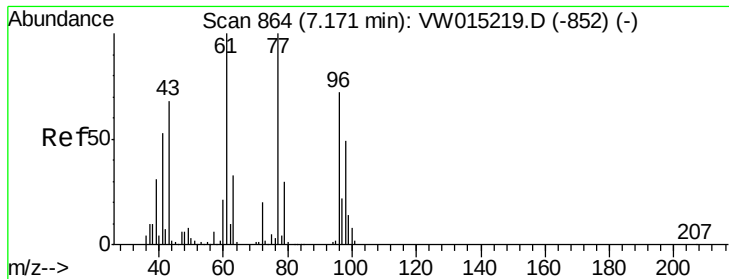
MMDadoda
4/22/2020 11:42:30 AM



#26
2,2-Dichloropropane
Concen: 43.837 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion: 77 Resp: 164923
Ion Ratio Lower Upper
77 100
97 22.8 11.9 35.5





#27

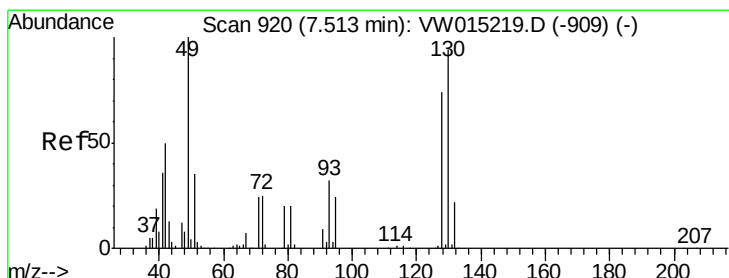
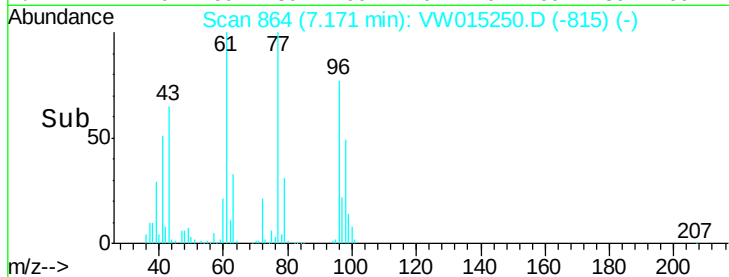
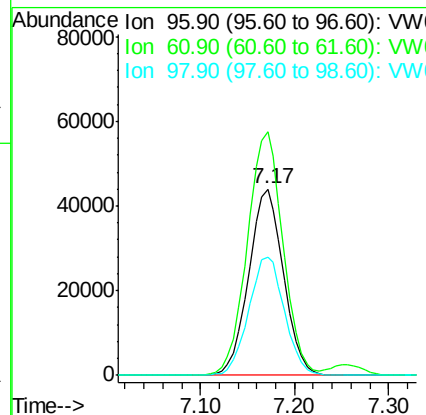
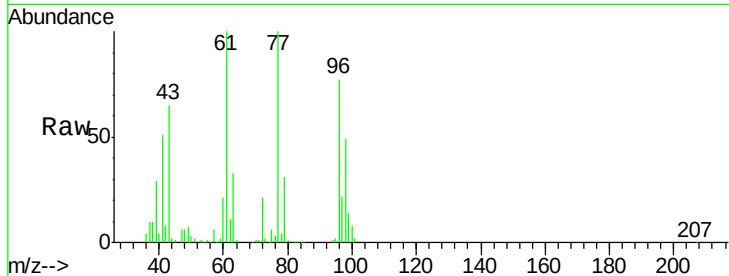
cis-1,2-Dichloroethene
Concen: 45.879 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	133.9	0.0	275.0	
98	65.1	0.0	130.8	

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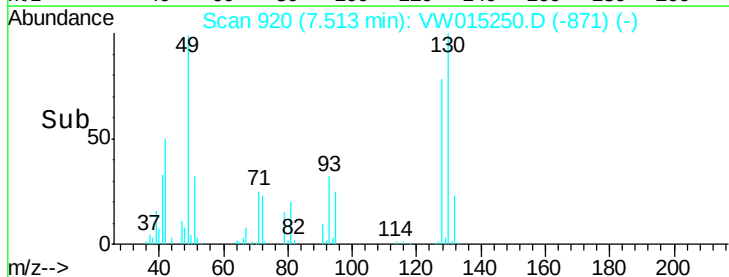
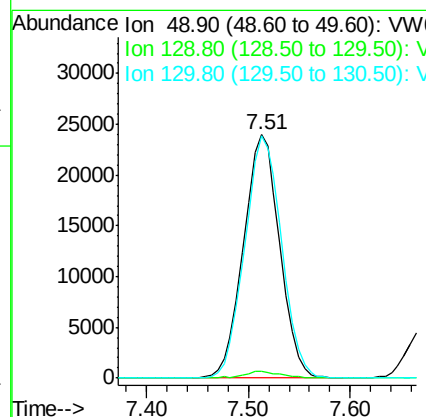
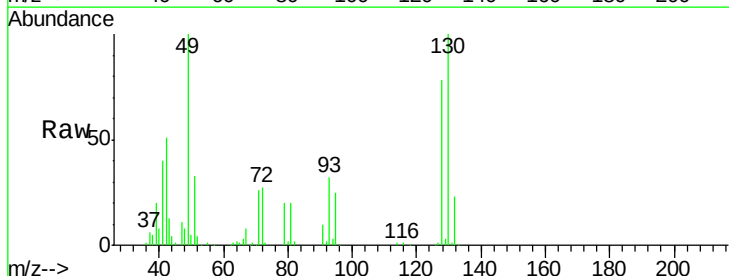
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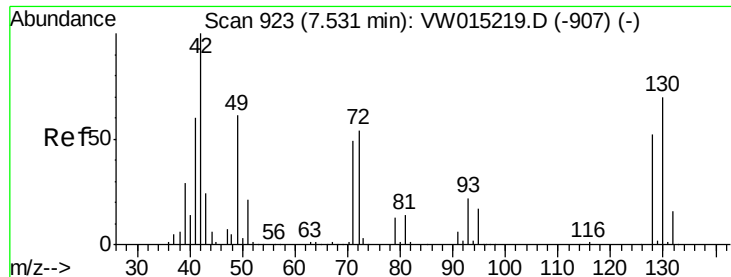


#28

Bromochloromethane
Concen: 45.491 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	4.6	
130	101.0	60.9	91.3#	





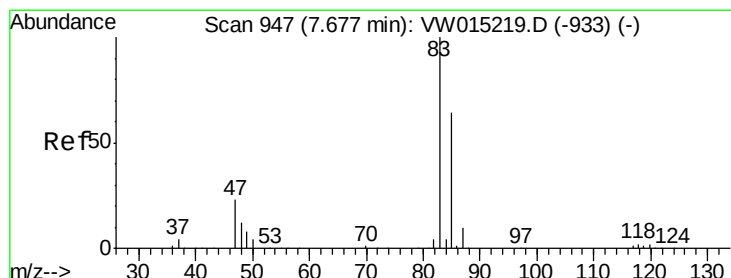
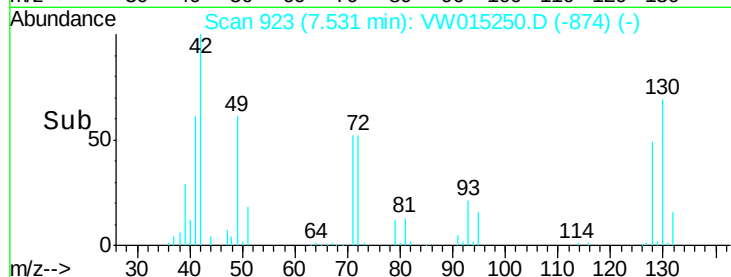
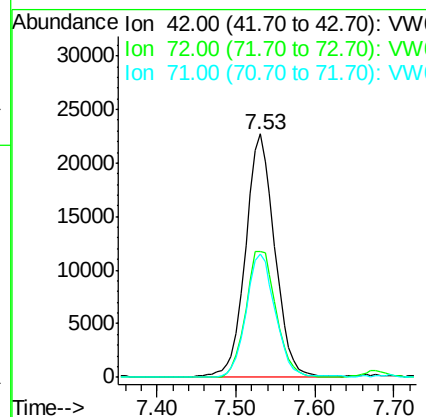
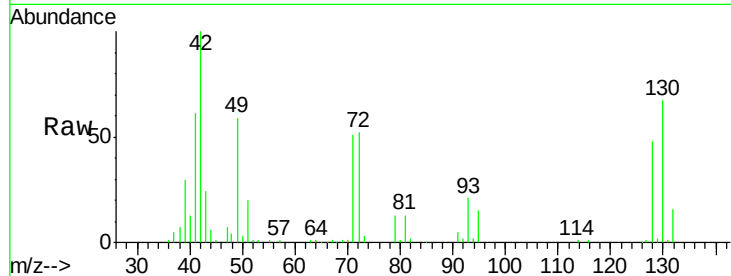
#29
Tetrahydrofuran
Concen: 206.890 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.0	36.2	54.2
71	51.0	34.2	51.4

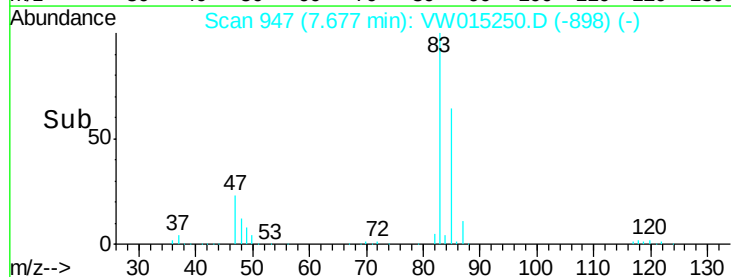
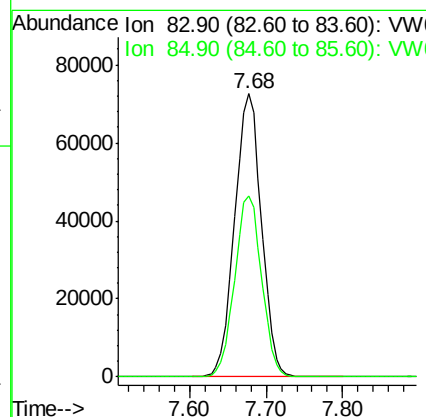
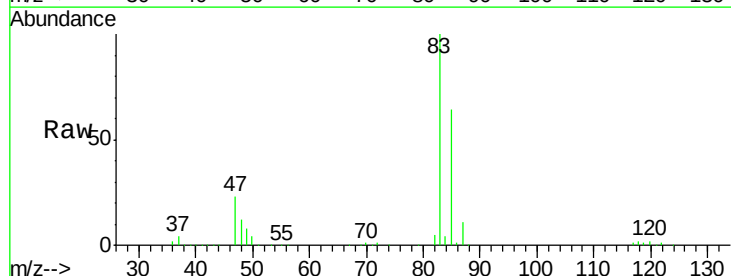
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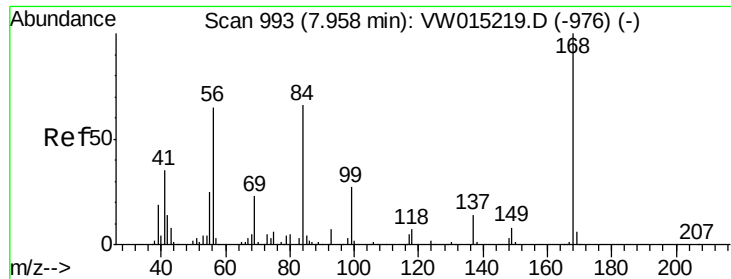
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#30
Chloroform
Concen: 45.581 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.9	76.3





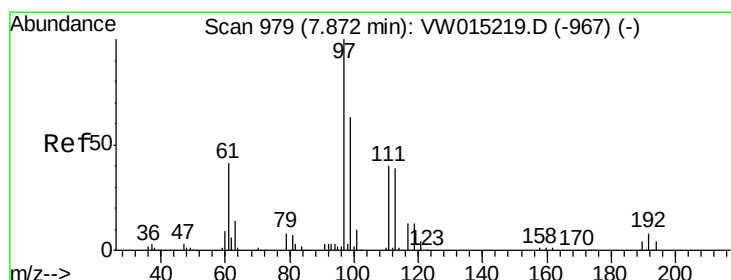
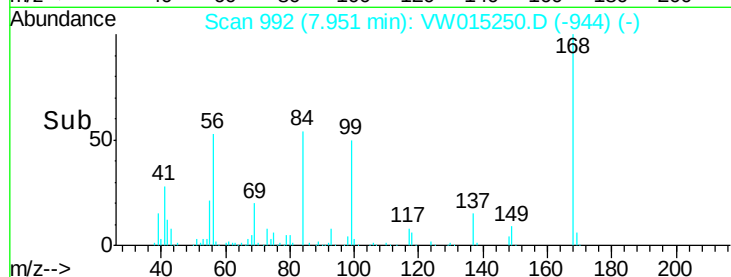
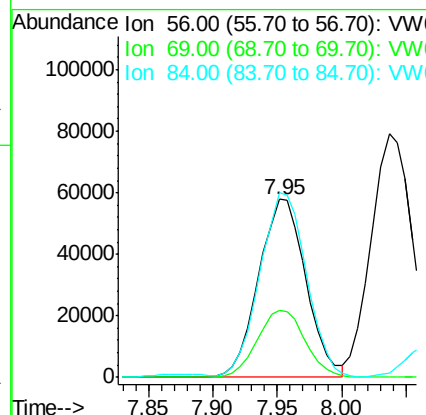
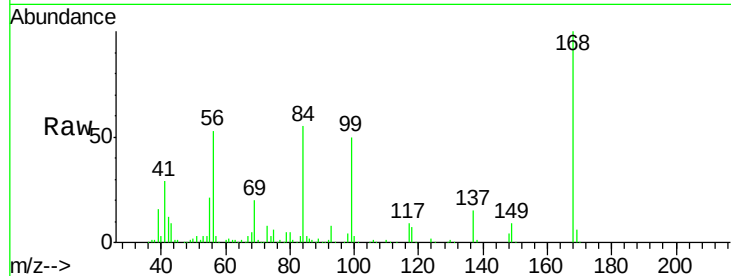
#31
Cyclohexane
Concen: 41.146 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.8	27.1	40.7
84	102.3	71.9	107.9

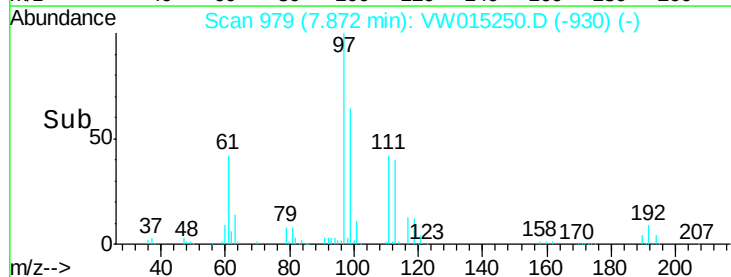
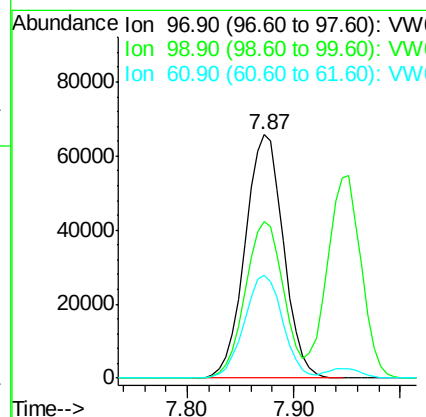
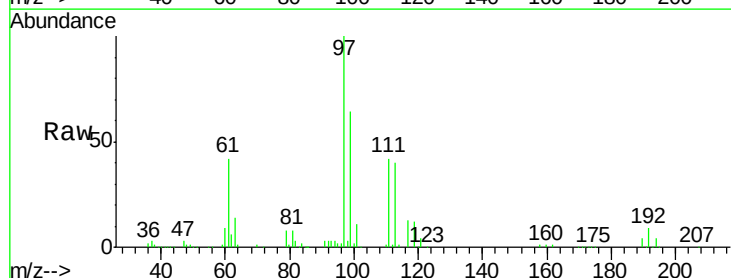
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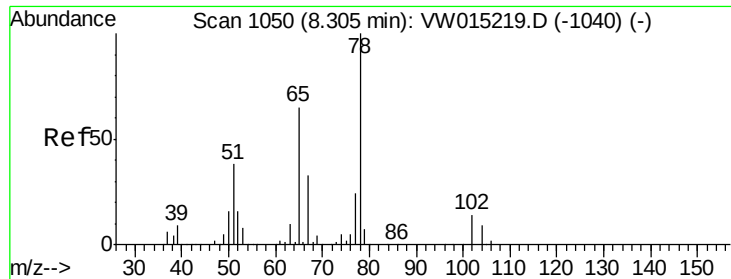
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#32
1,1,1-Trichloroethane
Concen: 44.592 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.2	78.2
61	42.5	34.2	51.2





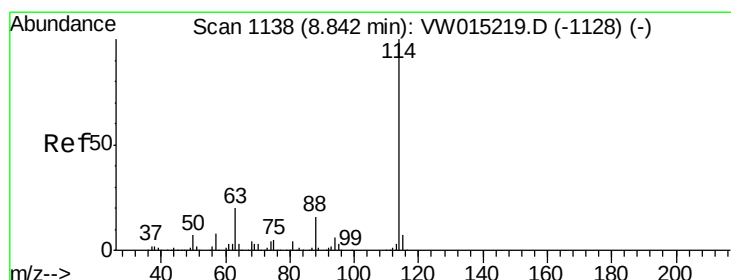
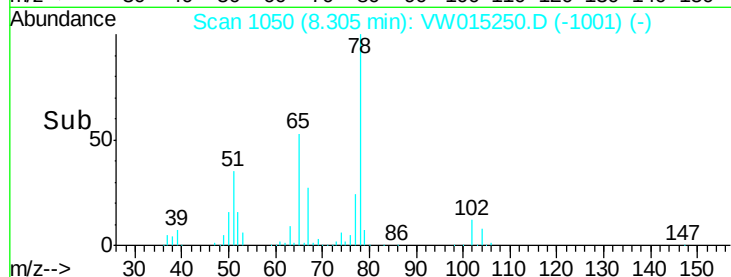
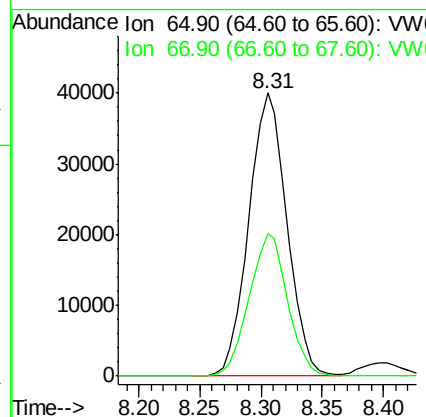
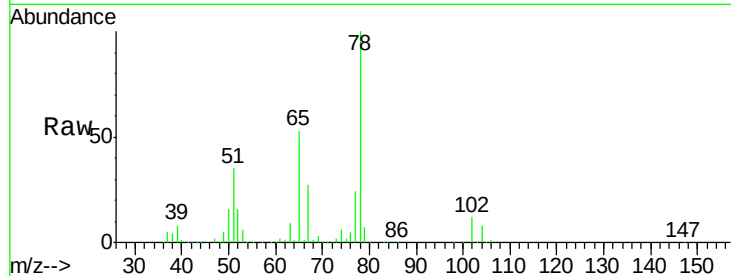
#33
 1,2-Dichloroethane-d4
 Concen: 44.645 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.8	0.0	107.0	

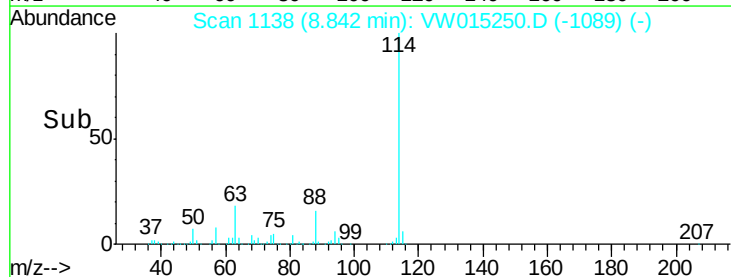
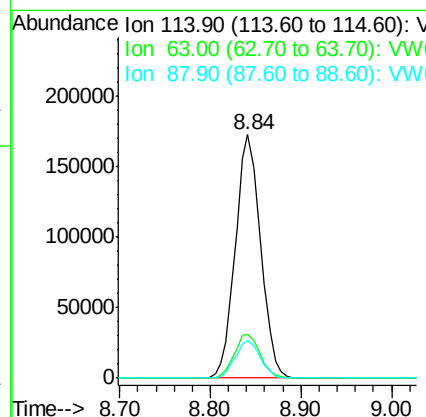
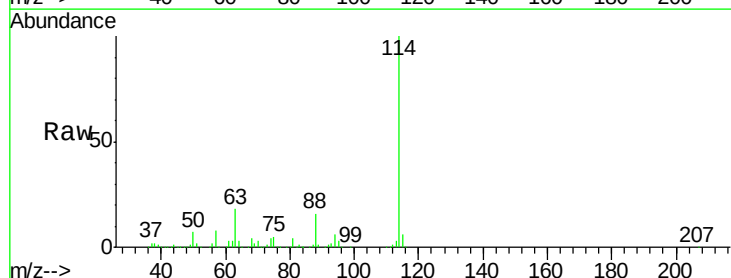
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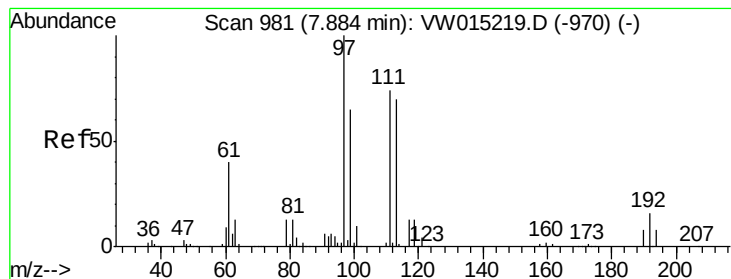
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.1	0.0	39.8	
88	15.5	0.0	30.2	





#35

Dibromofluoromethane

Concen: 47.390 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:113 Resp: 87456

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

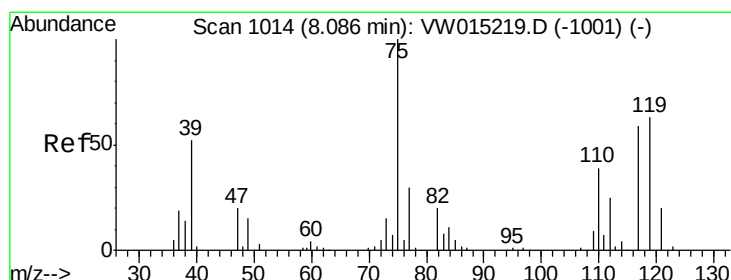
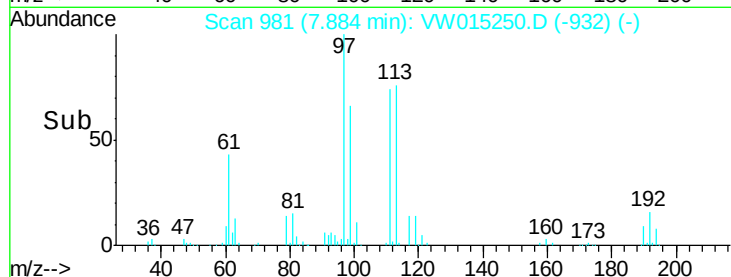
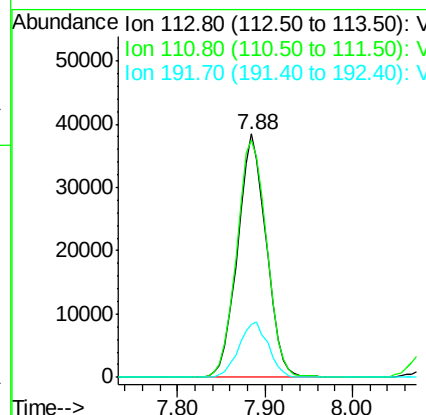
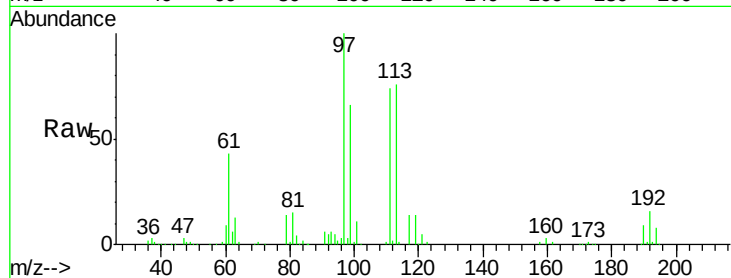
192 23.2 15.1 22.7#

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#36

1,1-Dichloropropene

Concen: 45.975 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

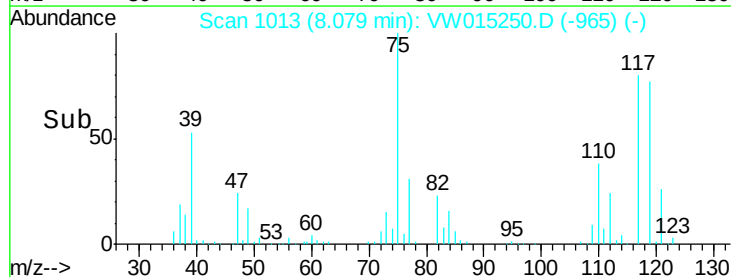
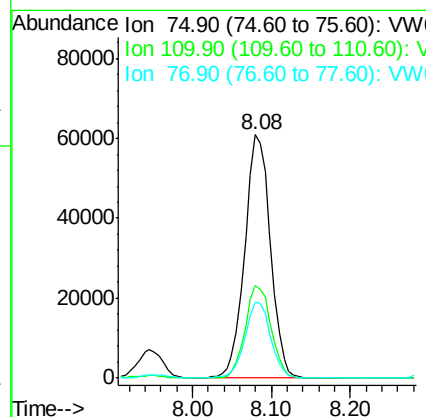
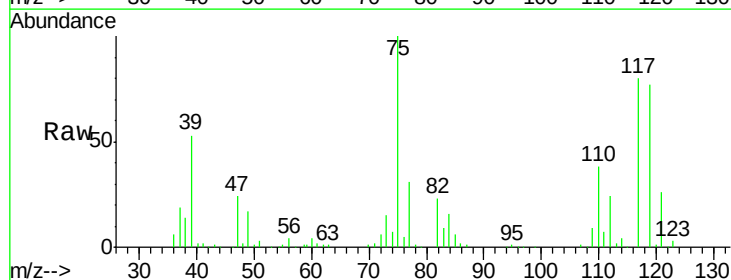
Tgt Ion: 75 Resp: 138245

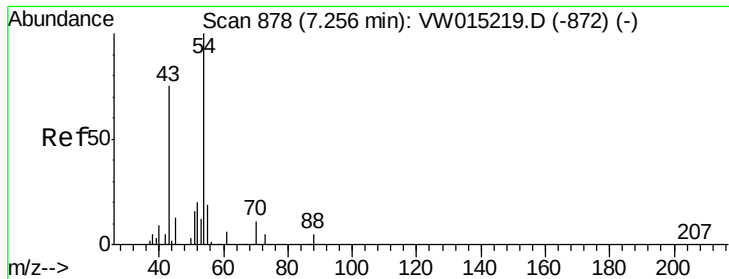
Ion Ratio Lower Upper

75 100

110 38.2 18.2 54.6

77 31.4 24.5 36.7





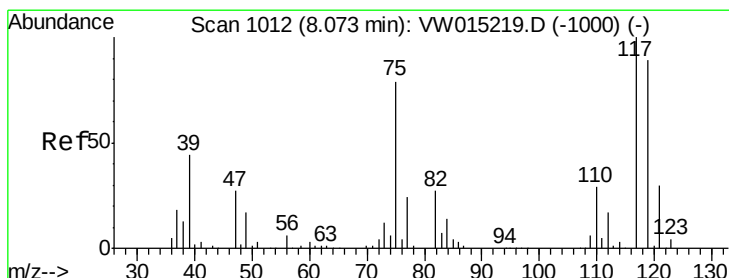
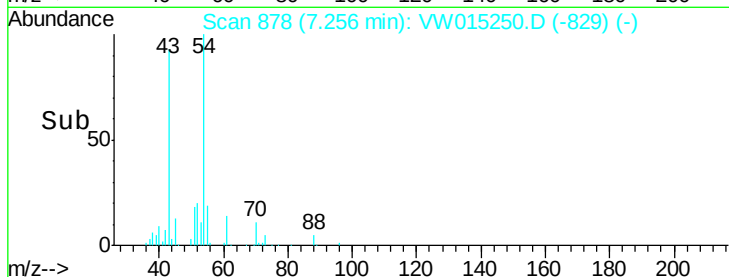
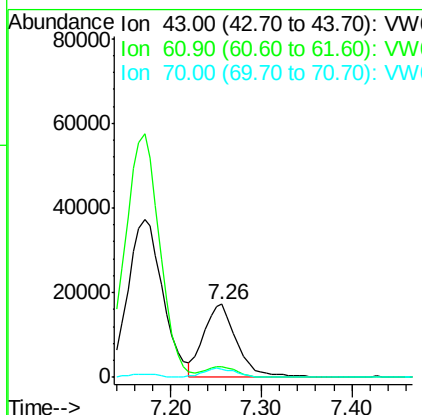
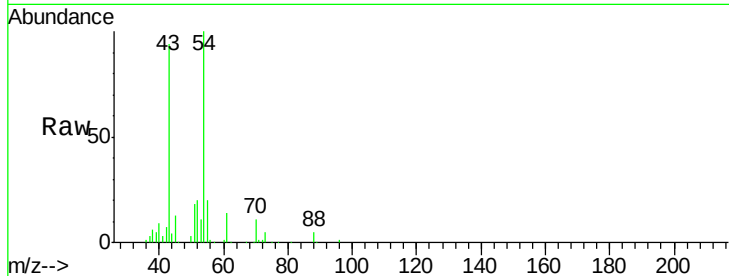
#37
Ethyl Acetate
Concen: 43.681 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.9	17.9
70	12.9	8.8	13.2

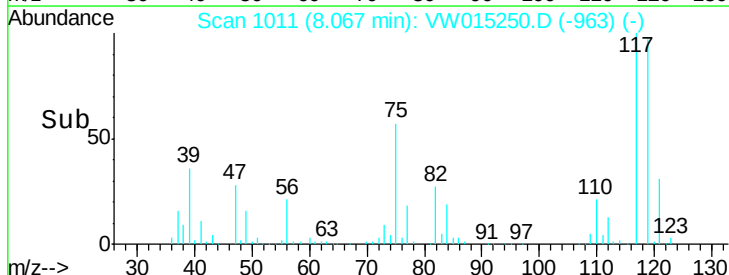
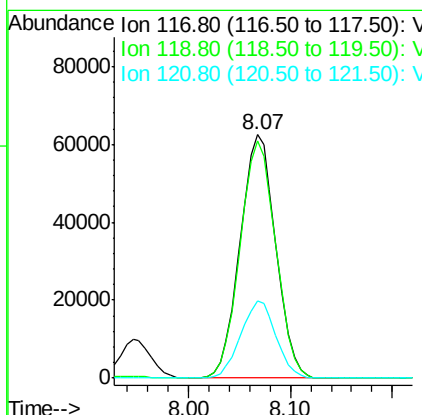
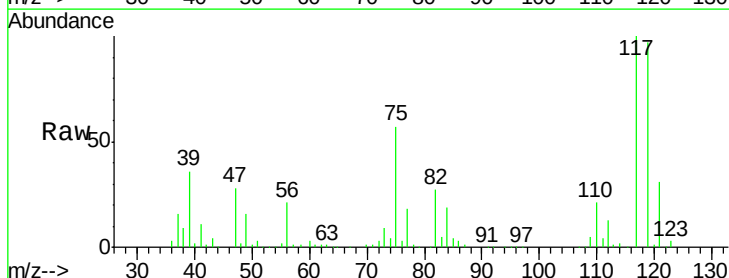
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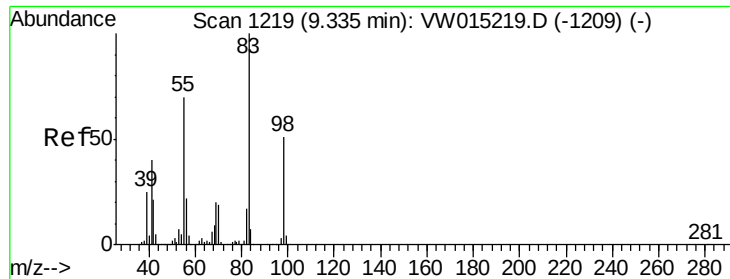
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#38
Carbon Tetrachloride
Concen: 46.141 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	72.3	108.5
121	31.5	23.7	35.5





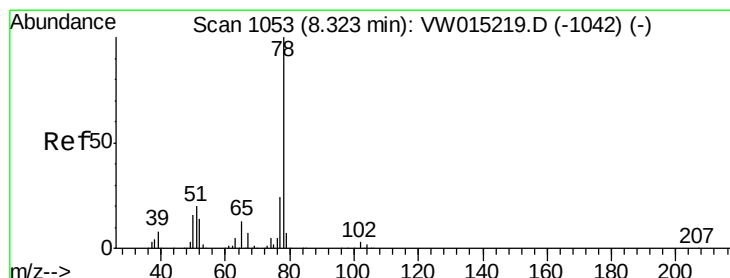
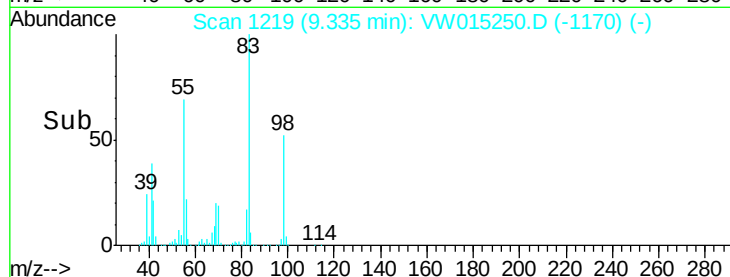
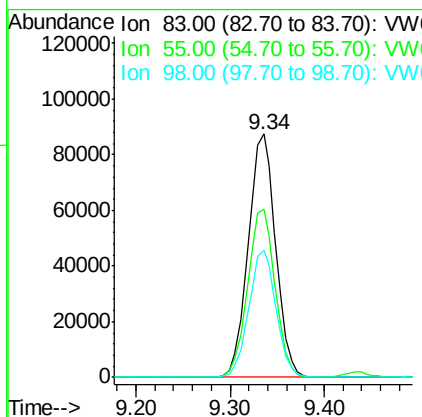
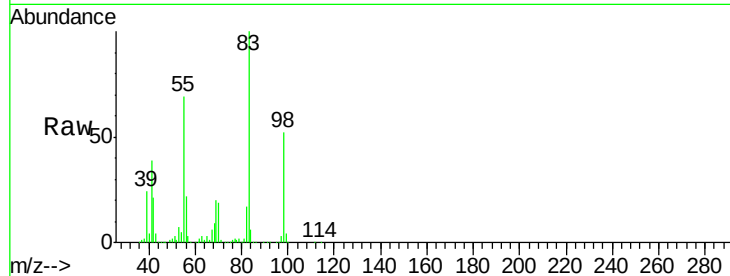
#39
Methylvlcyclohexane
Concen: 44.594 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	83	Resp	178476
Ion Ratio	Lower	Upper	
83	100		
55	69.2	58.1	87.1
98	52.1	40.2	60.4

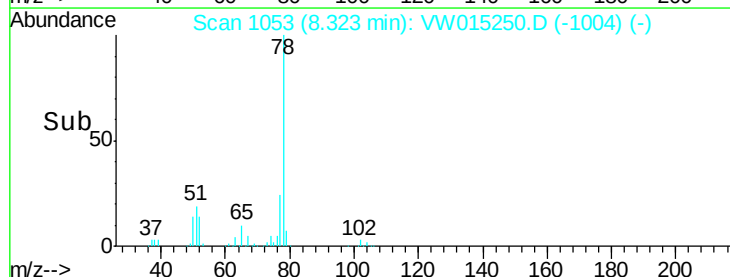
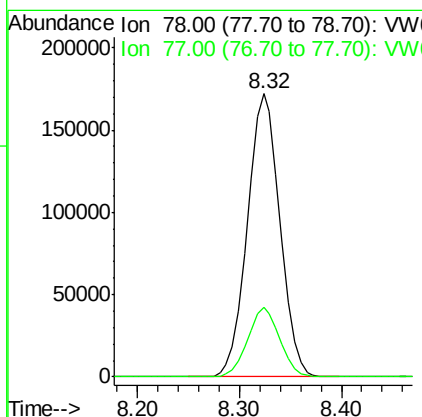
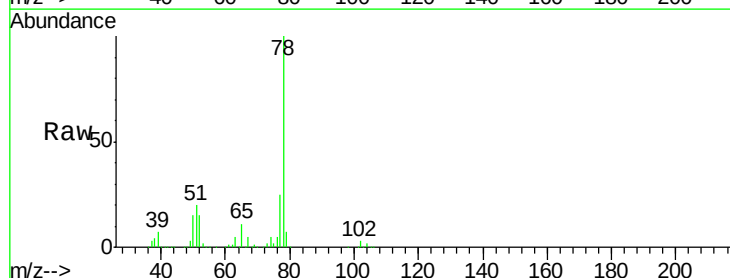
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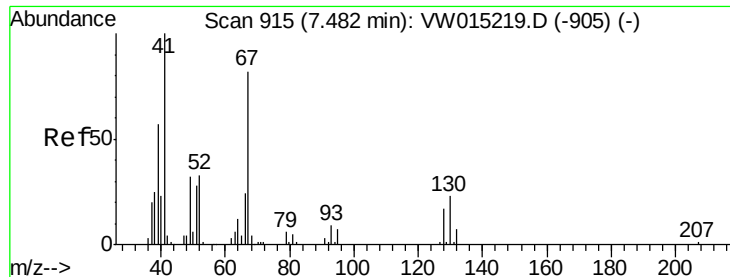
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#40
Benzene
Concen: 47.454 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion	78	Resp	381168
Ion Ratio	Lower	Upper	
78	100		
77	24.5	18.2	27.2





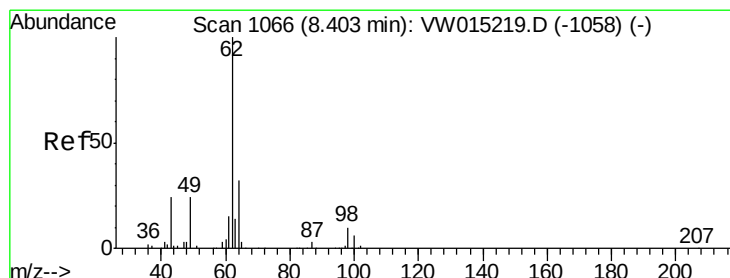
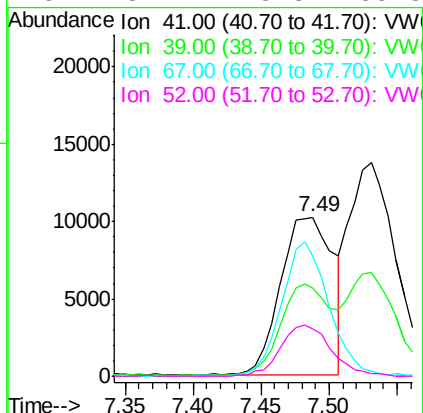
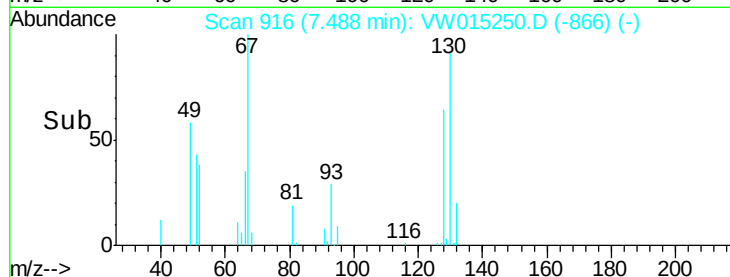
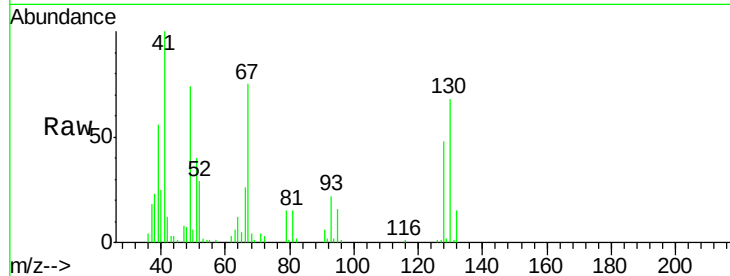
#41
Methacrylonitrile
Concen: 46.693 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	27341
Ion	Ratio	Lower	Upper
41	100		
39	57.3	41.9	62.9
67	77.7	60.6	91.0
52	31.4	23.8	35.8

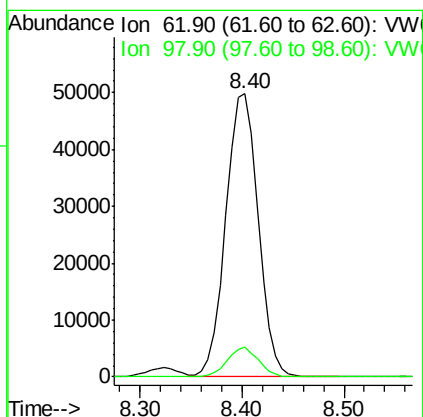
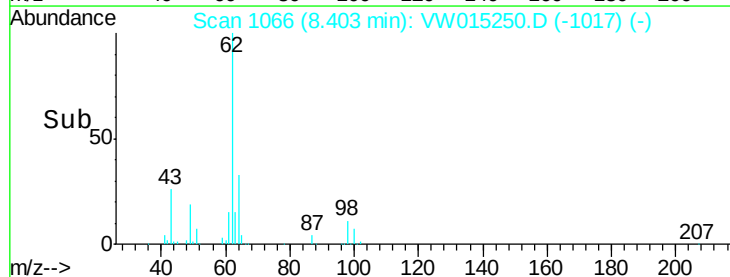
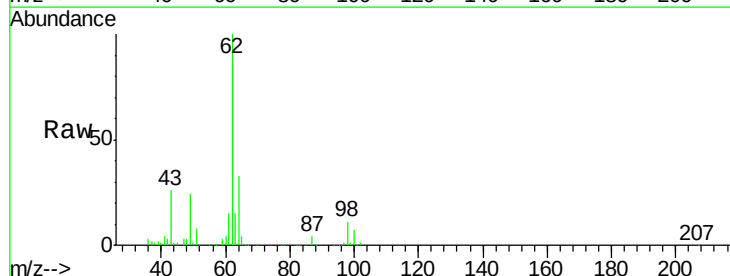
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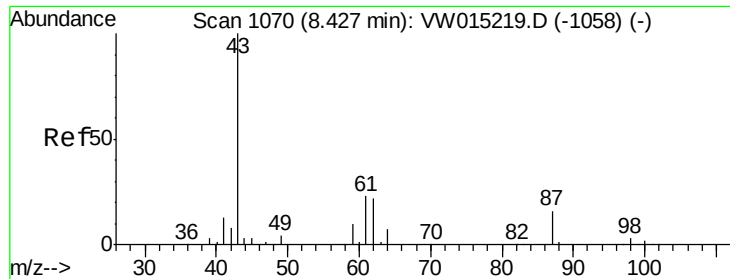
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#42
1,2-Dichloroethane
Concen: 46.430 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion:	62	Resp:	109789
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 43.659 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

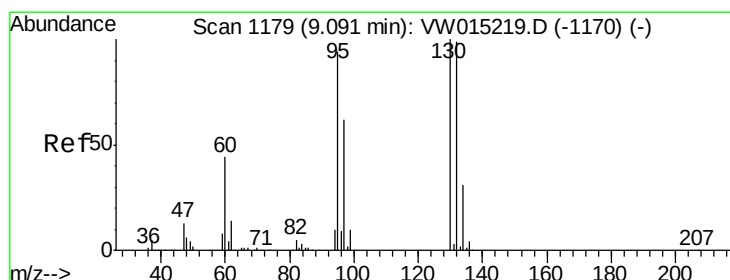
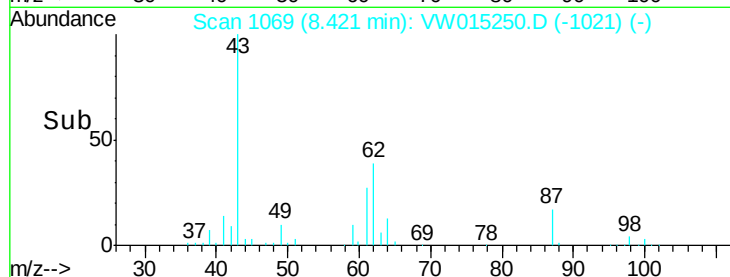
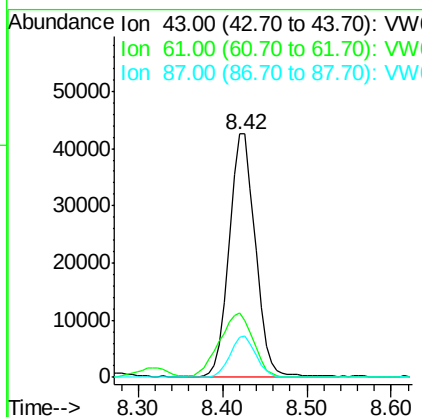
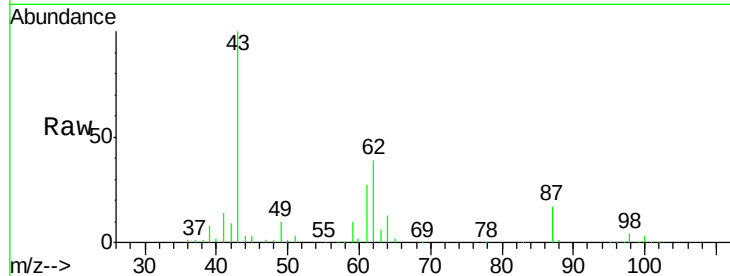
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	89361
Ion	Ratio	Lower	Upper
43	100		
61	34.8	24.8	37.2
87	16.7	11.4	17.2

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#44

Trichloroethene

Concen: 48.276 ug/l

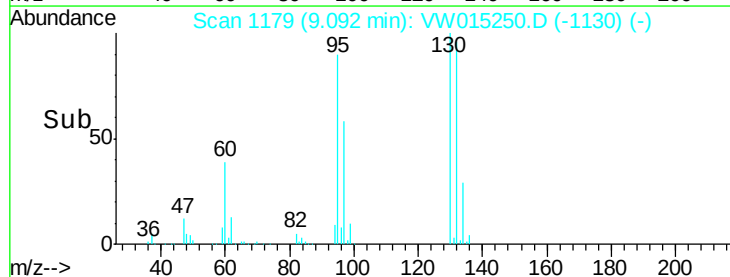
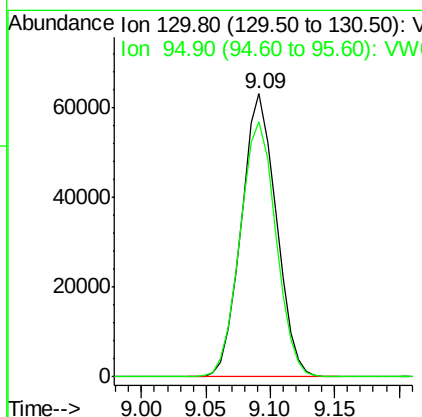
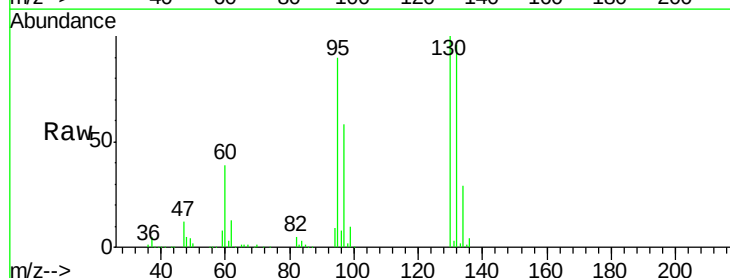
RT: 9.09 min Scan# 1179

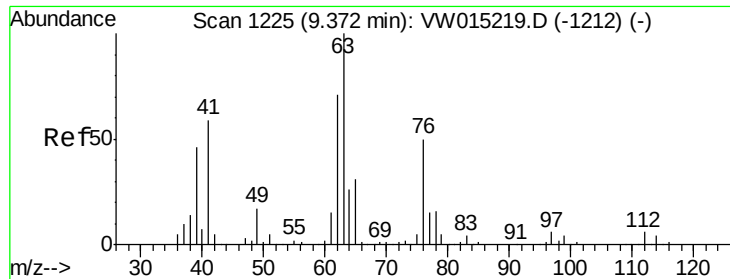
Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Tgt Ion:	130	Resp:	118613
Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	196.4





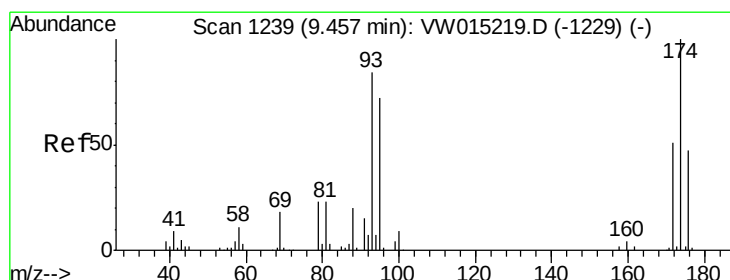
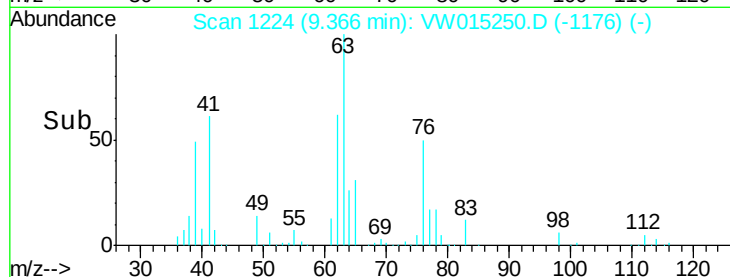
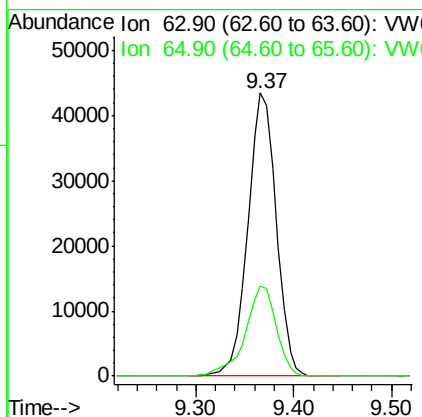
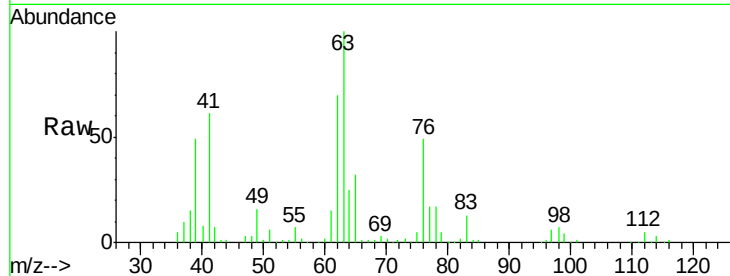
#45
 1,2-Dichloropropane
 Concen: 46.760 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Tot Ion: 63 Resp: 87344
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.5 38.3

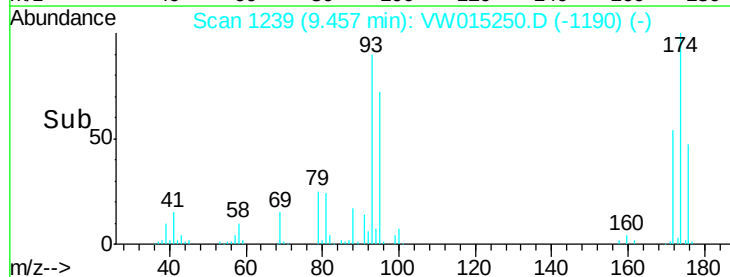
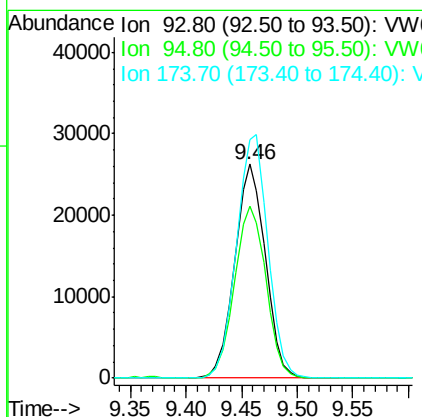
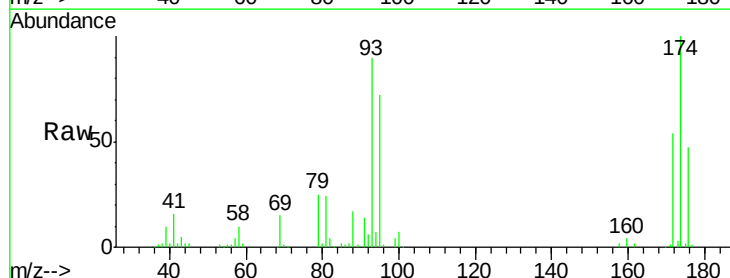
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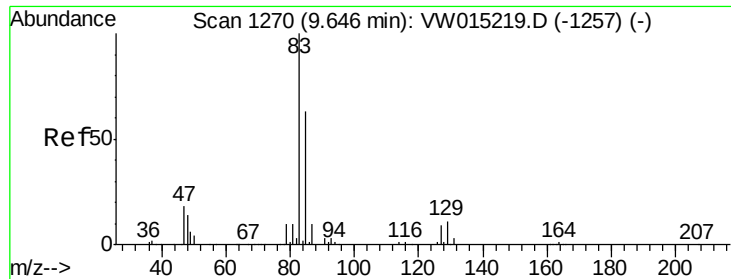
MMDadoda
 4/22/2020 11:42:30 AM



#46
 Dibromomethane
 Concen: 46.374 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion: 93 Resp: 50109
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.5 101.3
 174 116.5 74.1 111.1#





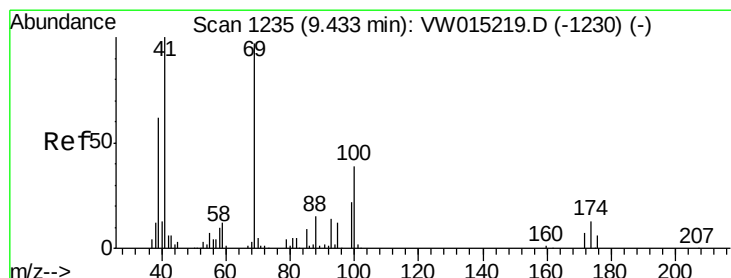
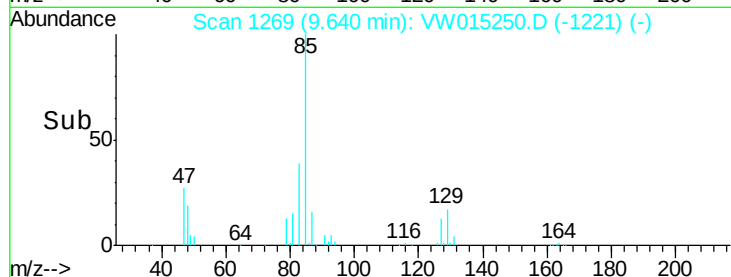
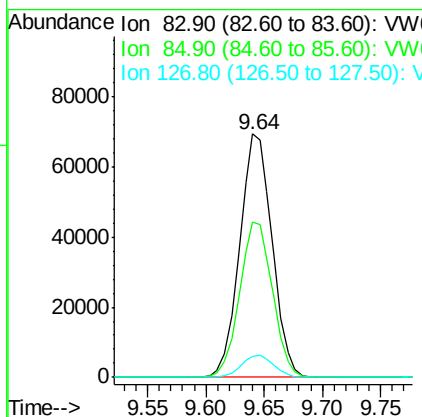
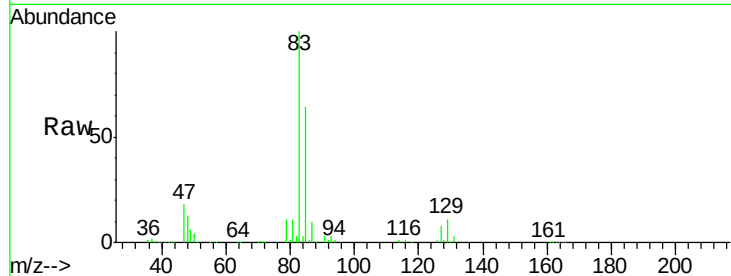
#47
Bromodichloromethane
Concen: 46.627 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	134684
Ion Ratio	100	Lower	Upper
83	100		
85	63.8	50.6	76.0
127	8.5	6.7	10.1

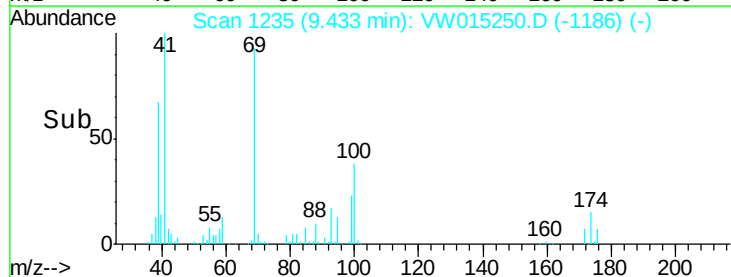
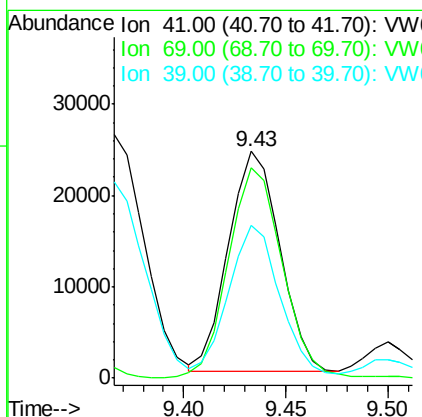
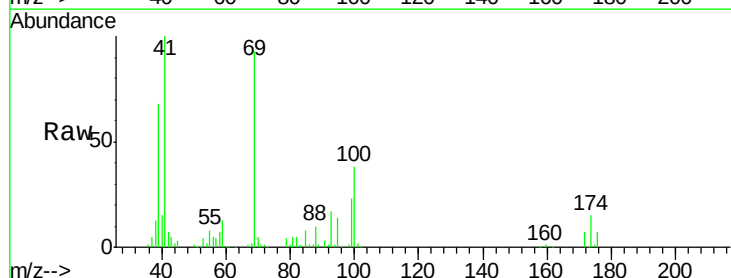
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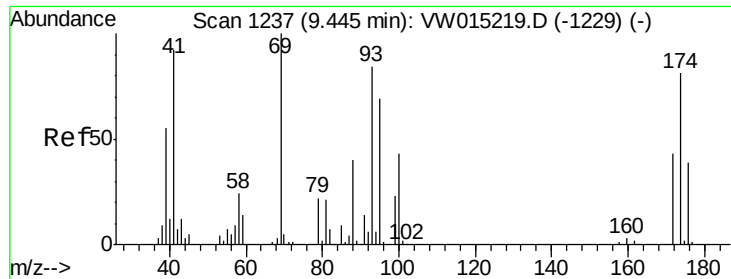
MMDadoda
4/22/2020 11:42:30 AM



#48
Methyl methacrylate
Concen: 43.401 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion	41	Resp	41994
Ion Ratio	100	Lower	Upper
41	100		
69	101.4	70.6	105.8
39	66.4	42.6	64.0#





#49

1,4-Dioxane

Concen: 826.533 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

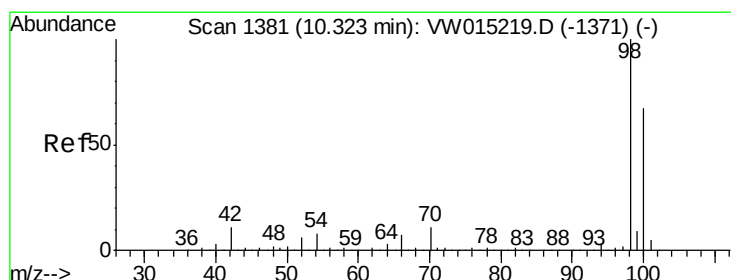
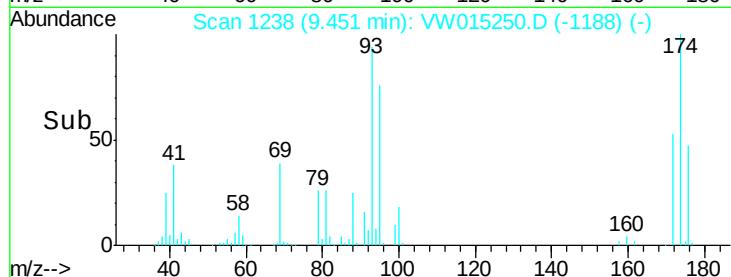
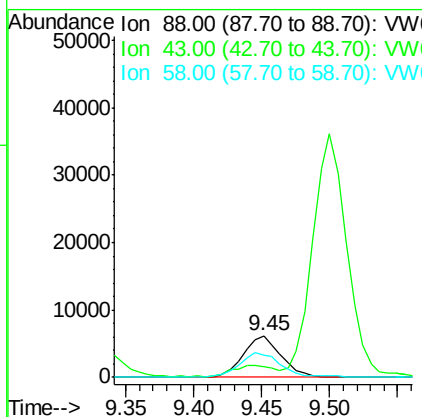
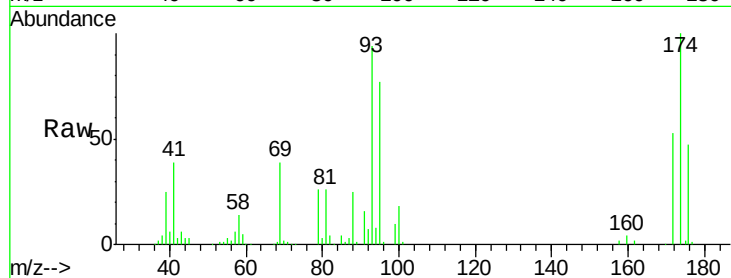
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	11906
Ion	Ratio	Lower	Upper
88	100		
43	29.8	23.5	35.3
58	63.3	55.4	83.2

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#50

Toluene-d8

Concen: 48.149 ug/l

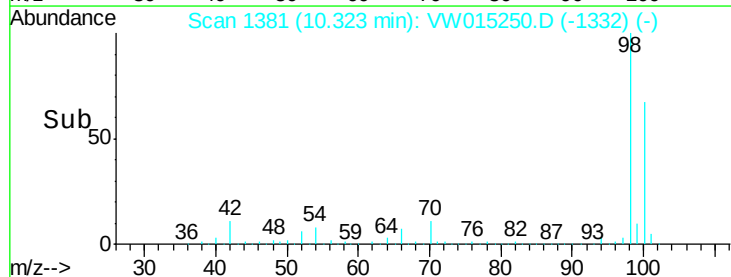
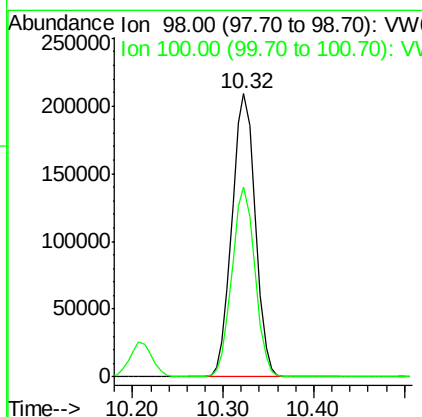
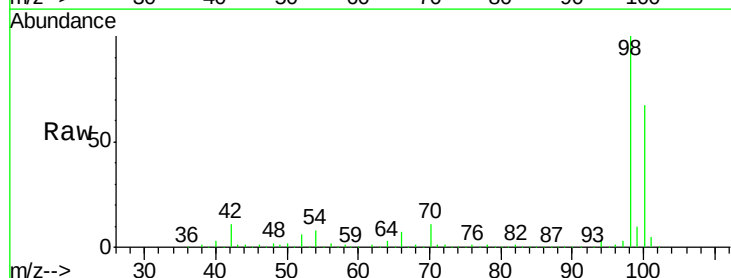
RT: 10.32 min Scan# 1381

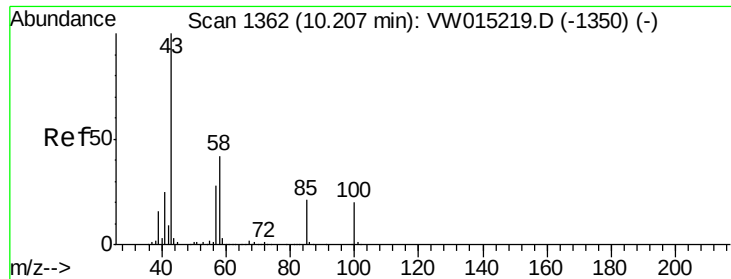
Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Tgt Ion:	98	Resp:	373793
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3





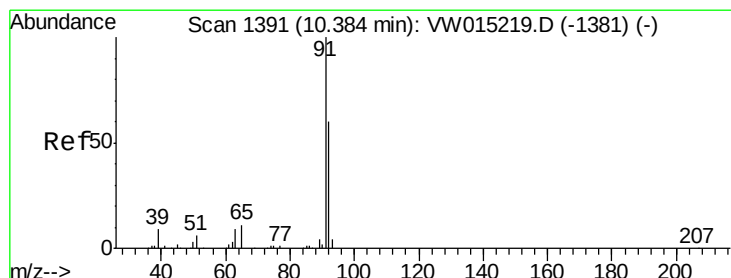
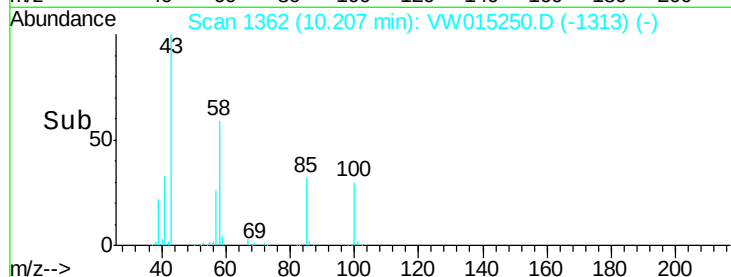
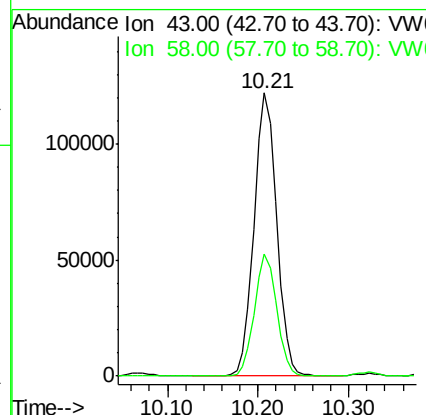
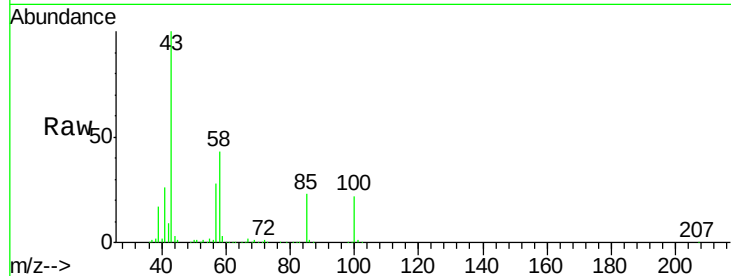
#51
 4-Methyl-2-Pentanone
 Concen: 219.538 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion: 43 Resp: 210934
 Ion Ratio Lower Upper
 43 100
 58 42.7 32.3 48.5

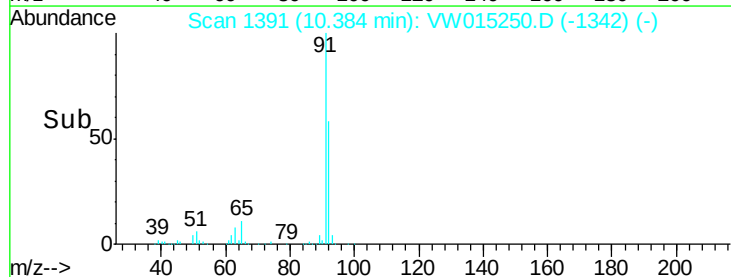
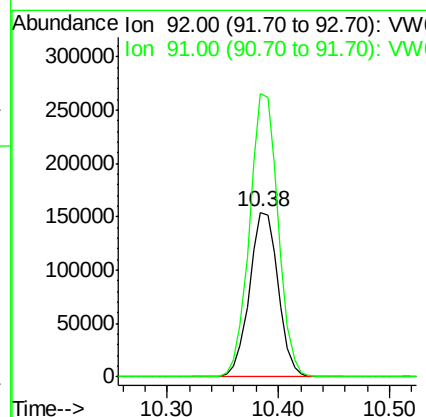
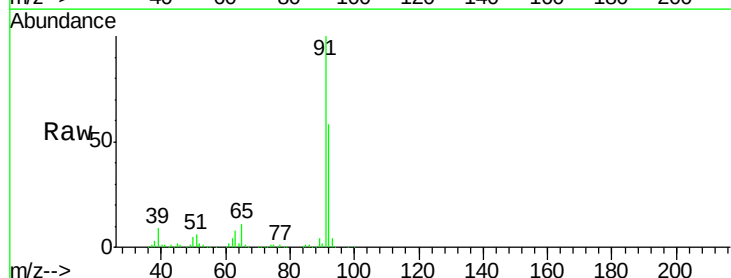
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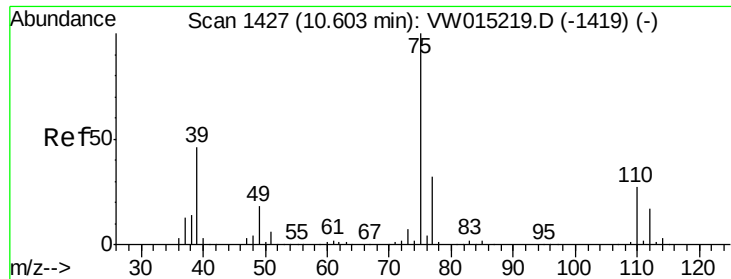
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#52
 Toluene
 Concen: 49.005 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion: 92 Resp: 275483
 Ion Ratio Lower Upper
 92 100
 91 171.4 137.1 205.7





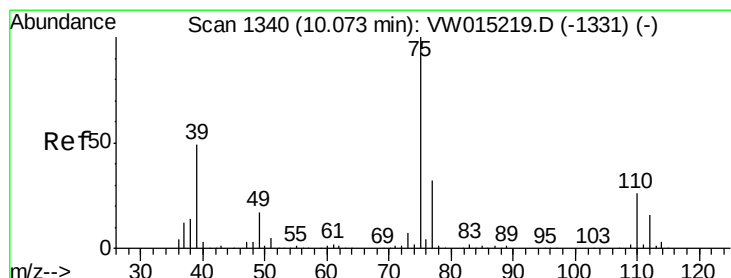
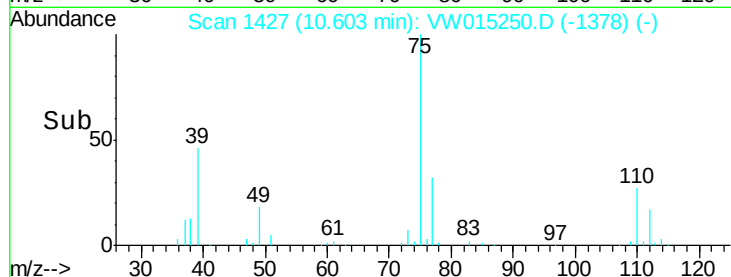
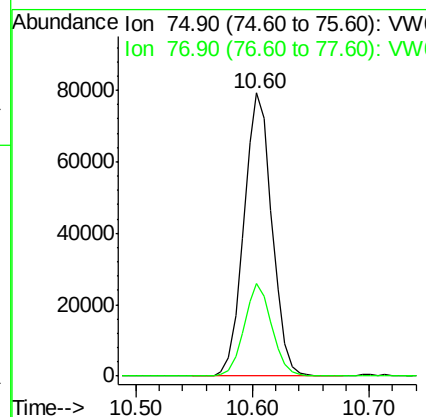
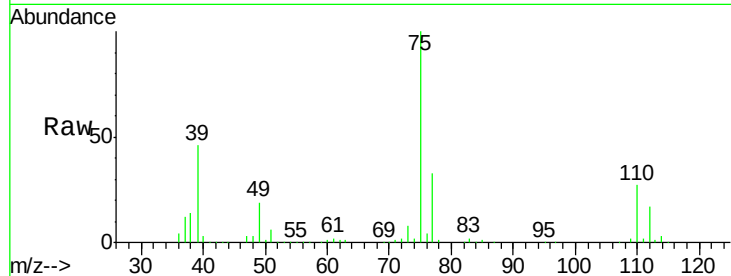
#53
 t-1,3-Dichloropropene
 Concen: 46.693 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 132989
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.5 38.3

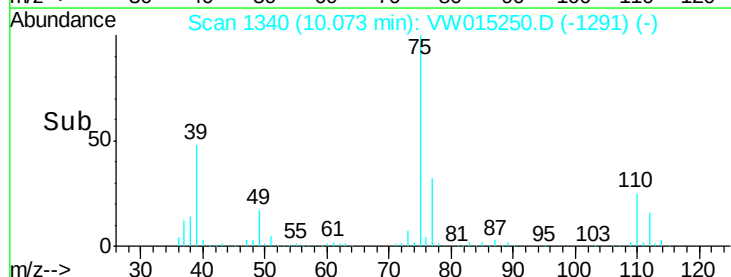
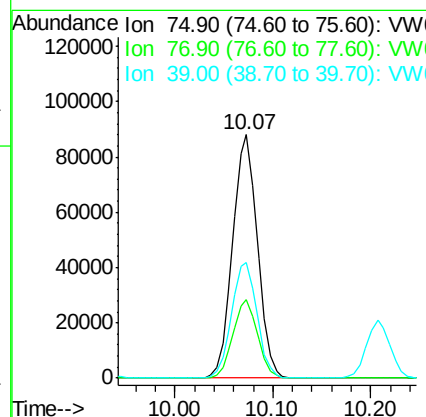
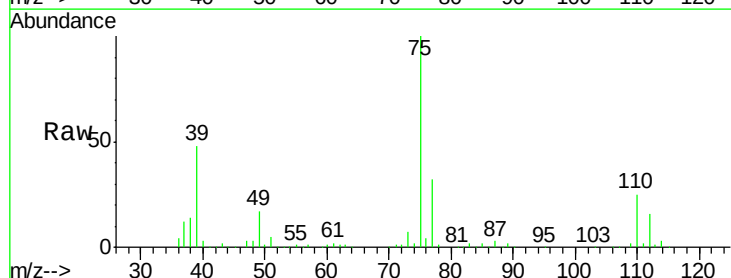
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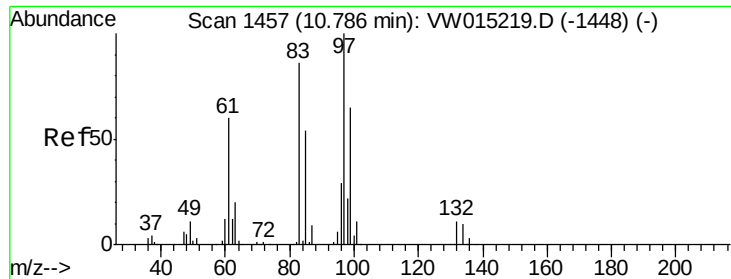
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#54
 cis-1,3-Dichloropropene
 Concen: 46.922 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion: 75 Resp: 155339
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.6 39.8
 39 47.7 37.8 56.6





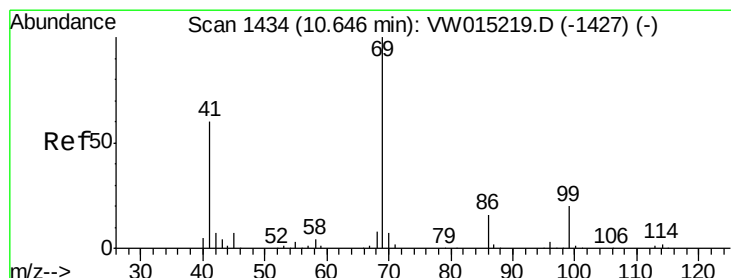
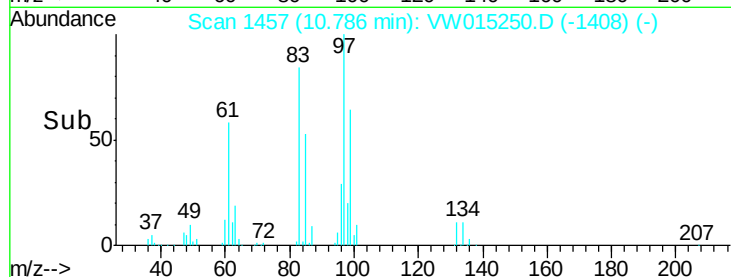
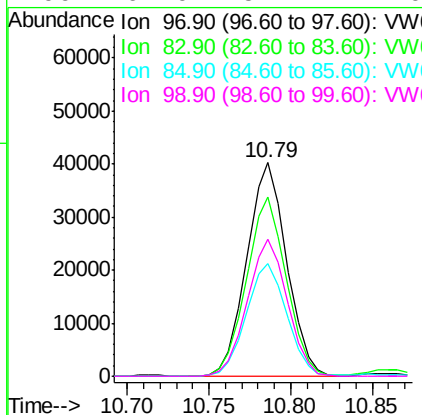
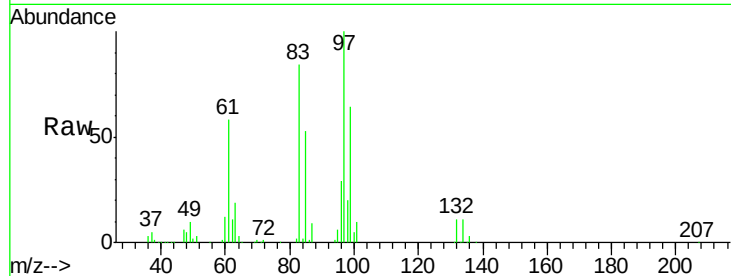
#55
 1,1,2-Trichloroethane
 Concen: 45.242 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	68453
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.3	100.9
85	52.7	43.8	65.8
99	64.0	51.4	77.0

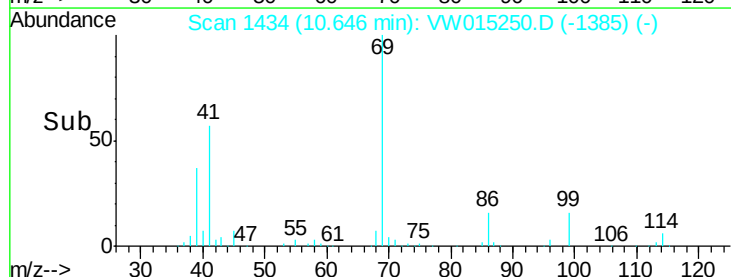
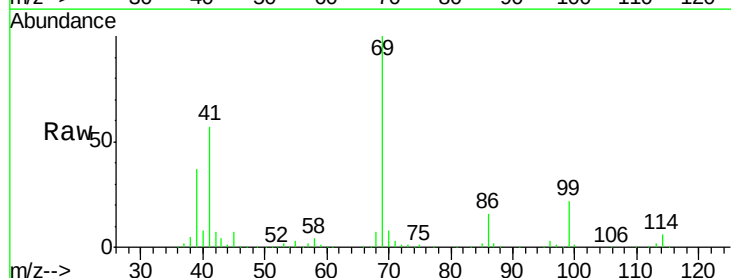
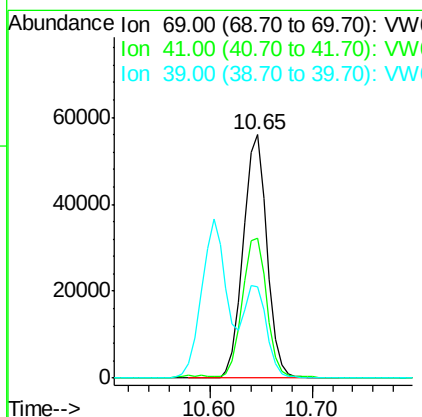
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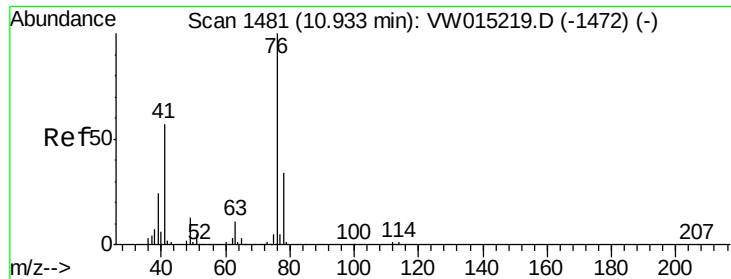
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#56
 Ethyl methacrylate
 Concen: 46.503 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion:	69	Resp:	90642
Ion	Ratio	Lower	Upper
69	100		
41	58.5	51.3	76.9
39	34.8	24.6	37.0





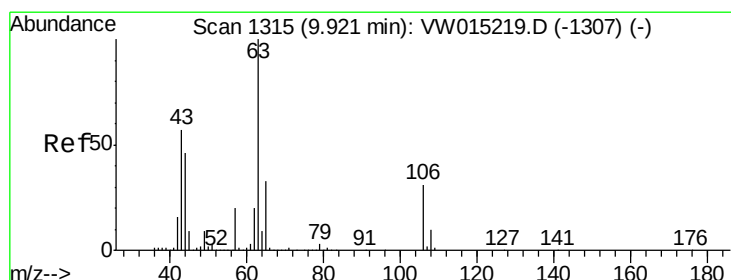
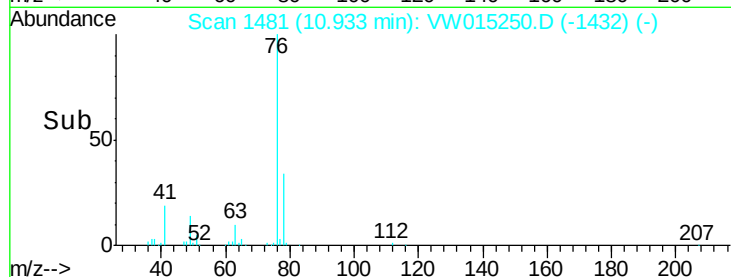
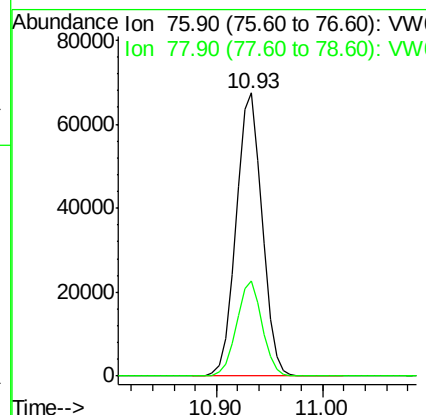
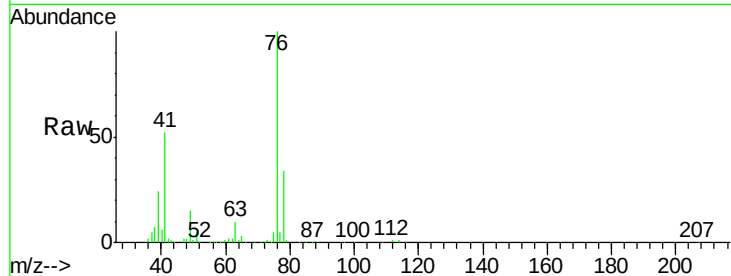
#57
 1,3-Dichloropropane
 Concen: 46.117 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 115585
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.2 39.4

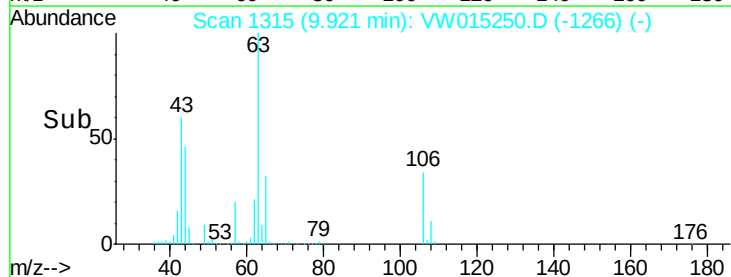
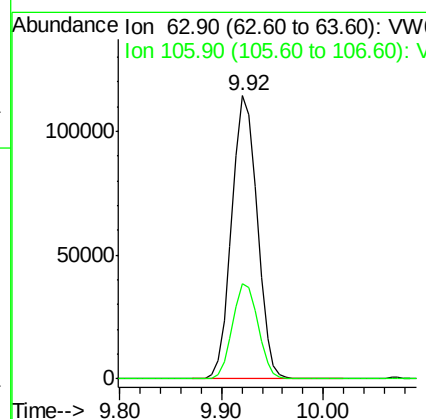
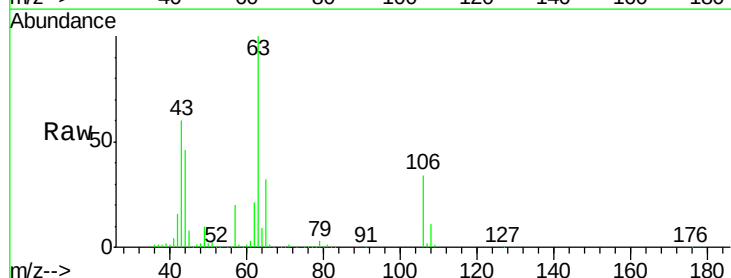
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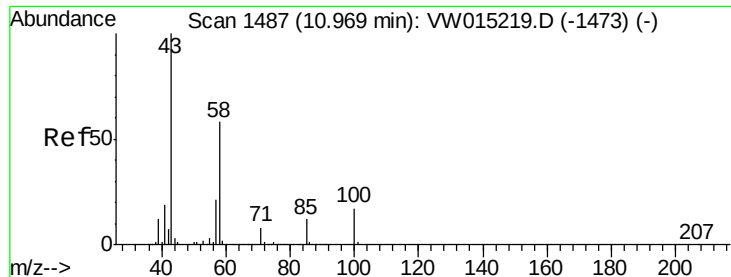
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#58
 2-Chloroethyl Vinyl ether
 Concen: 218.832 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion: 63 Resp: 197751
 Ion Ratio Lower Upper
 63 100
 106 33.7 22.6 33.8





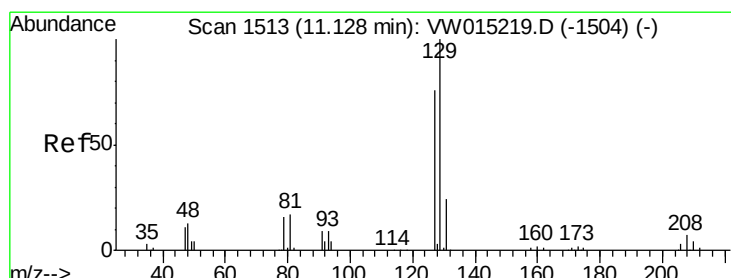
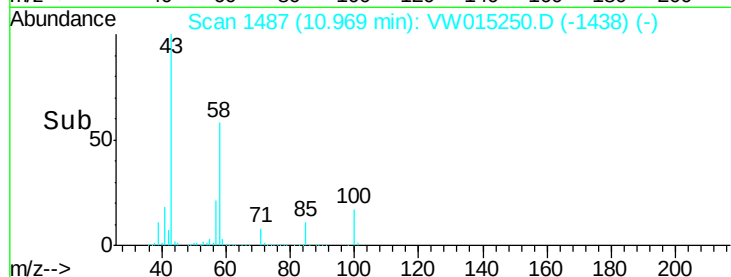
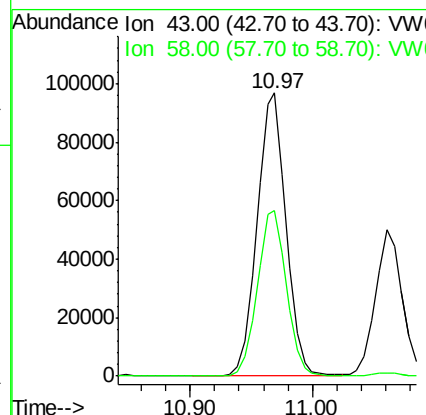
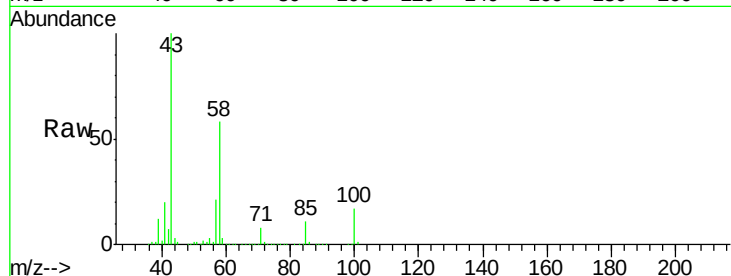
#59
2-Hexanone
Concen: 231.971 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 159100
Ion Ratio Lower Upper
43 100
58 58.9 28.1 84.3

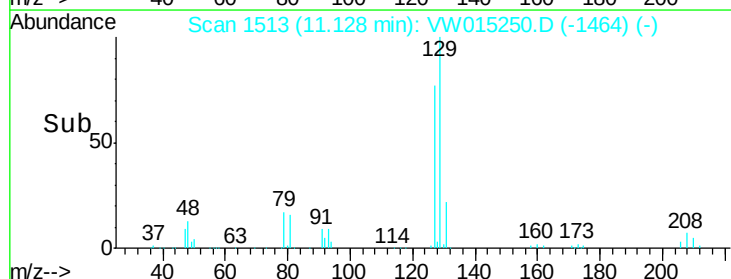
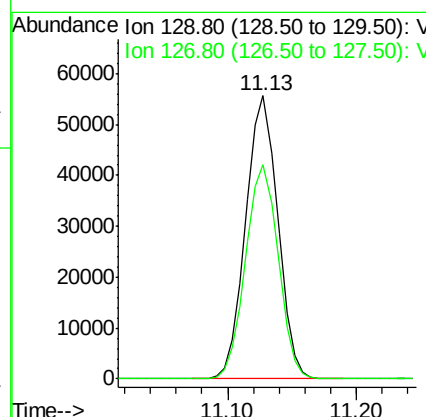
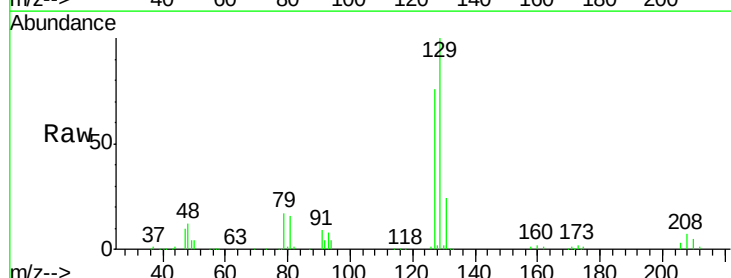
Manual Integrations
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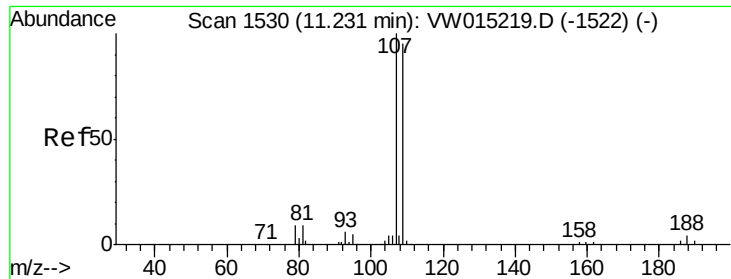
MMDadoda
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#60
Dibromochloromethane
Concen: 47.989 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion: 129 Resp: 95869
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8





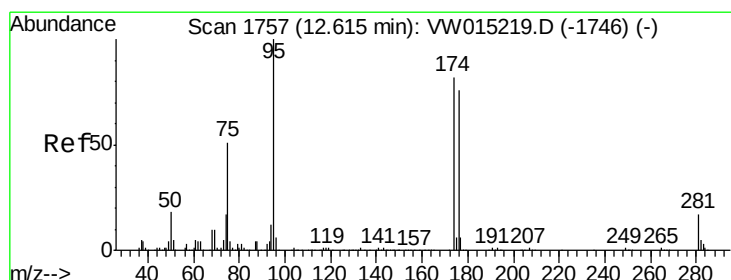
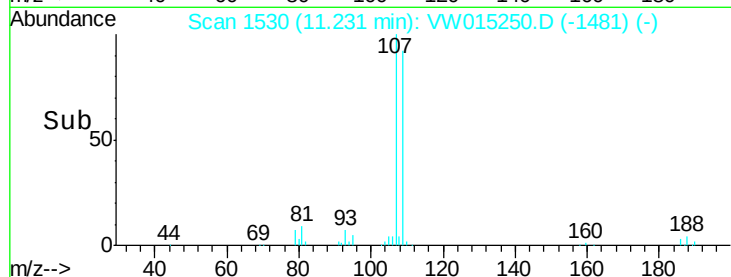
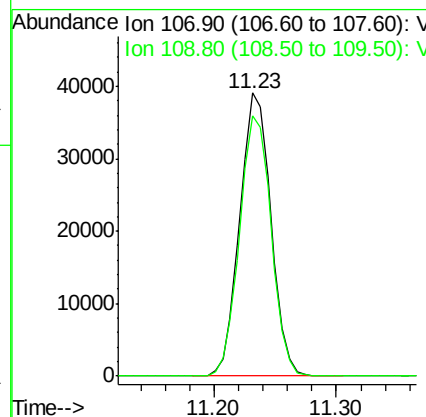
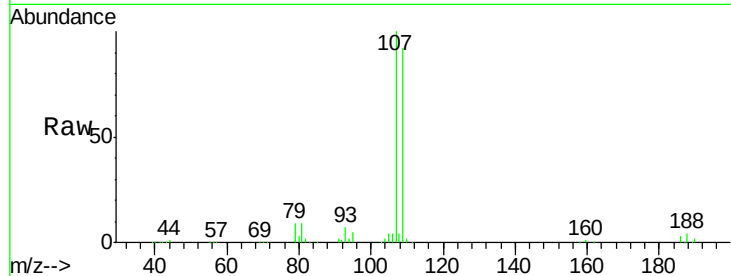
#61
 1,2-Dibromoethane
 Concen: 46.759 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 69033
 Ion Ratio Lower Upper
 107 100
 109 93.2 74.3 111.5

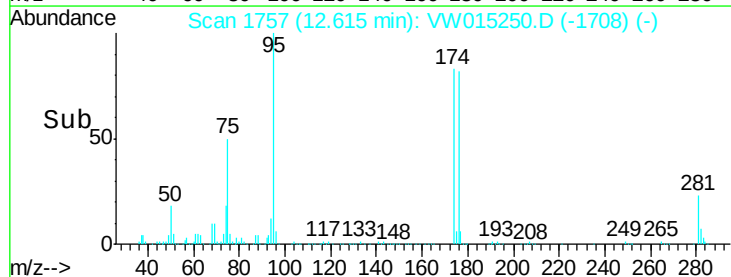
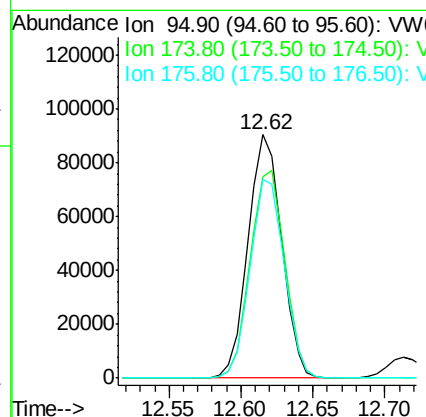
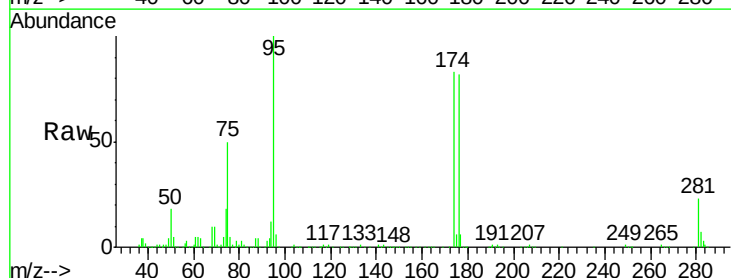
Manual Integrations
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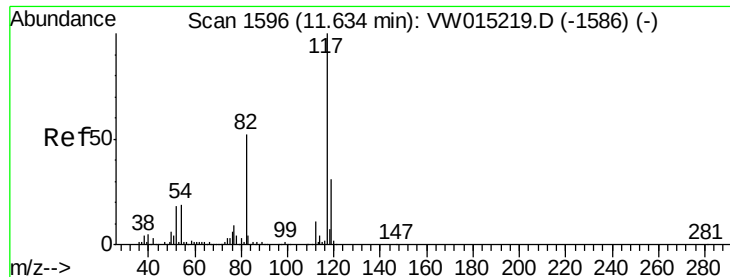
MMDadoda
 4/22/2020 11:42:30 AM



#62
 4-Bromofluorobenzene
 Concen: 49.275 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion: 95 Resp: 145953
 Ion Ratio Lower Upper
 95 100
 174 87.7 0.0 144.4
 176 83.1 0.0 140.6





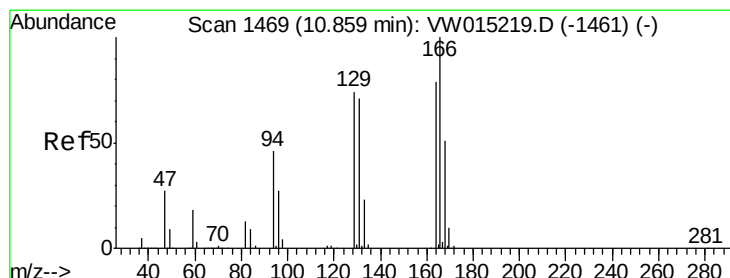
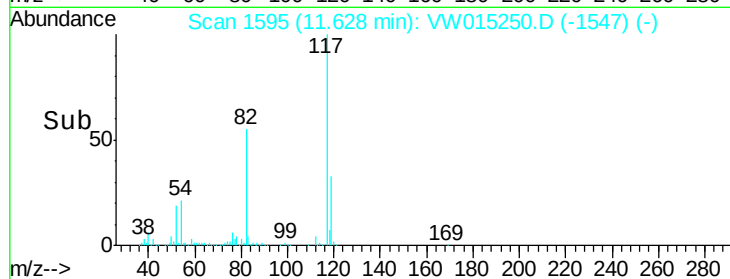
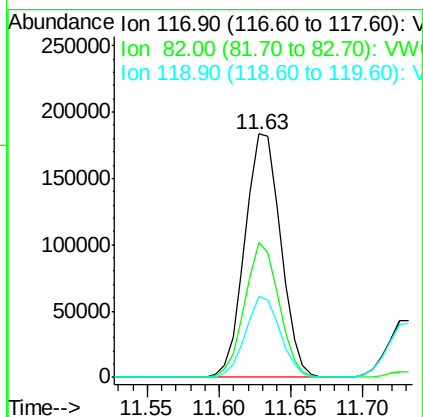
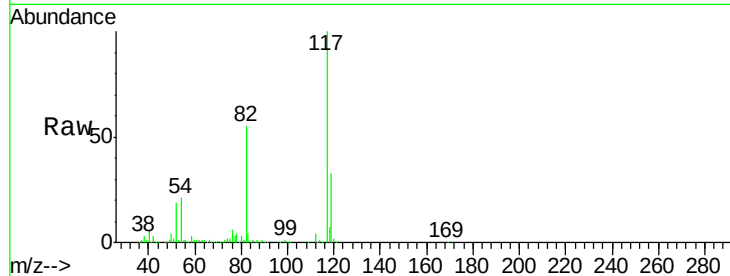
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	117	Resp:	316738
Ion Ratio	Lower	Upper	
117	100		
82	55.2	44.1	66.1
119	33.1	24.9	37.3

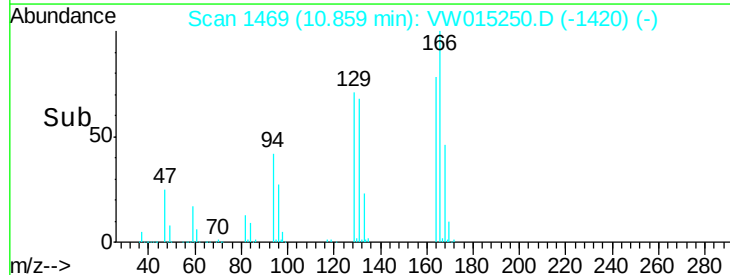
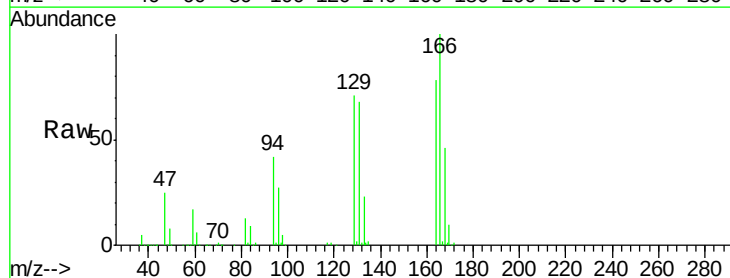
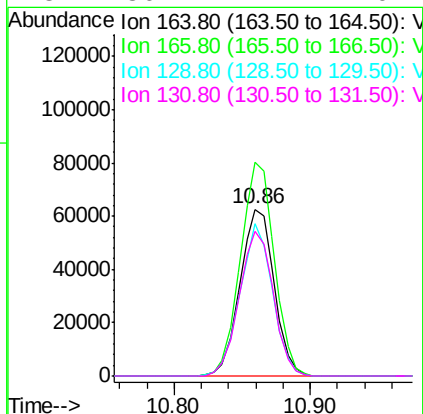
Manual Integrations
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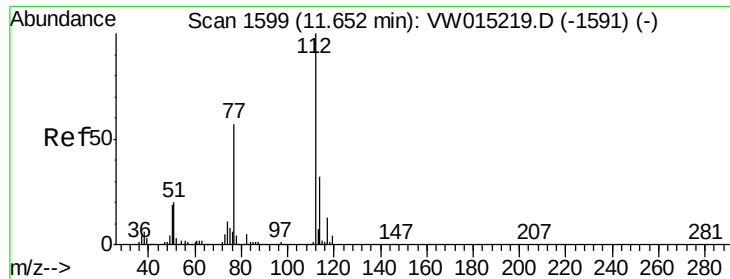
MMDadoda
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#64
Tetrachloroethene
Concen: 48.350 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion:	164	Resp:	109298
Ion Ratio	Lower	Upper	
164	100		
166	128.0	102.6	154.0
129	91.4	80.2	120.2
131	86.4	77.4	116.2





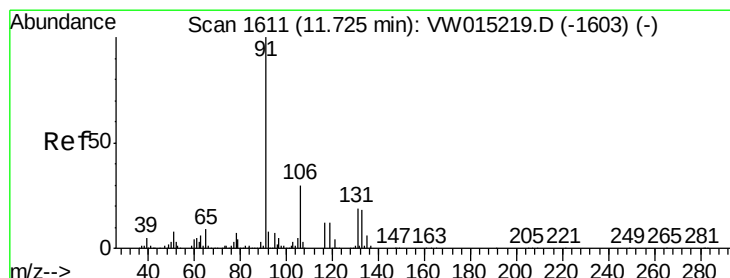
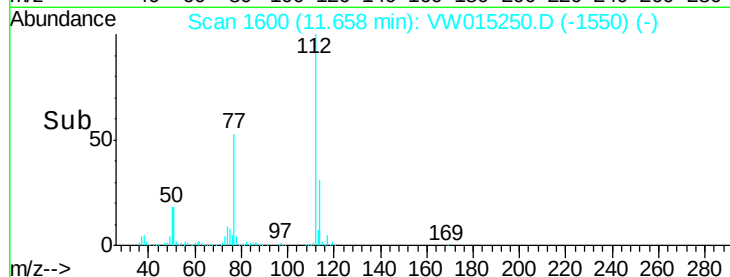
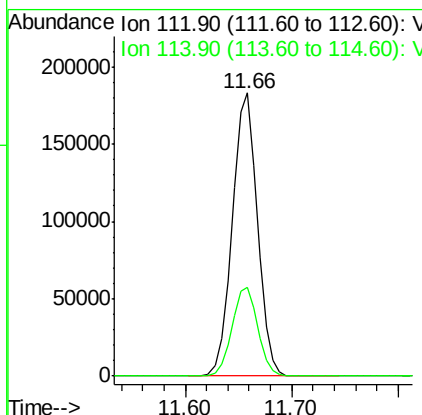
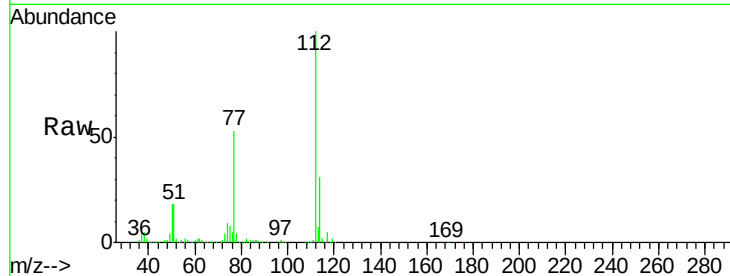
#65
Chlorobenzene
Concen: 48.805 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.8	38.6

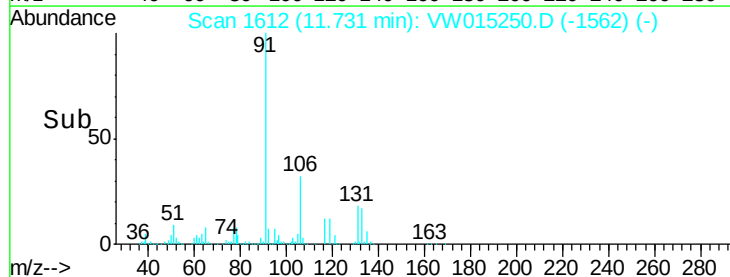
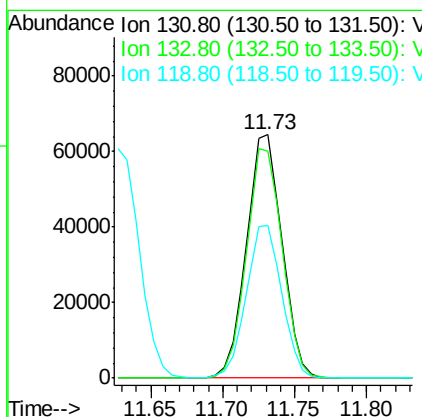
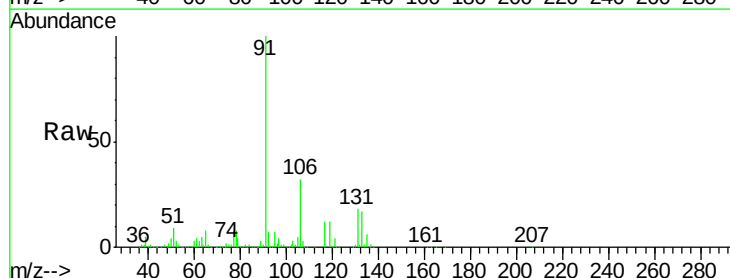
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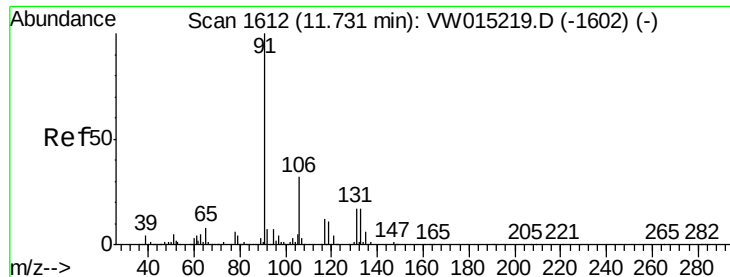
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.129 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.7	143.1
119	62.8	34.0	101.8





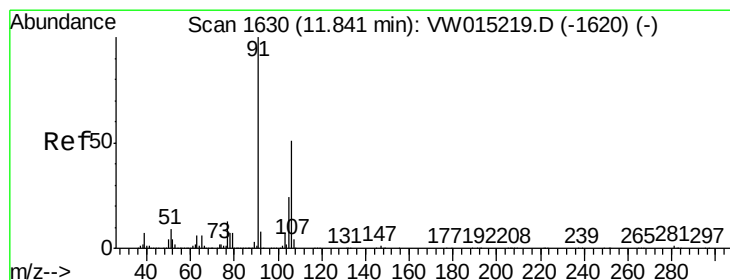
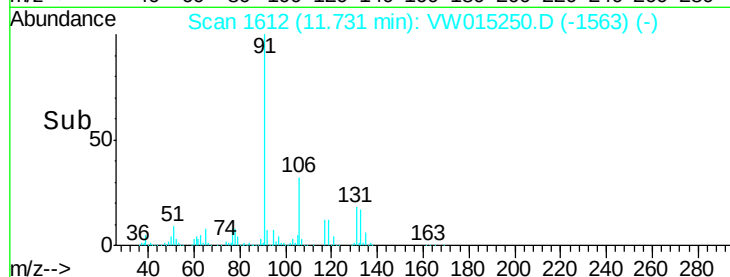
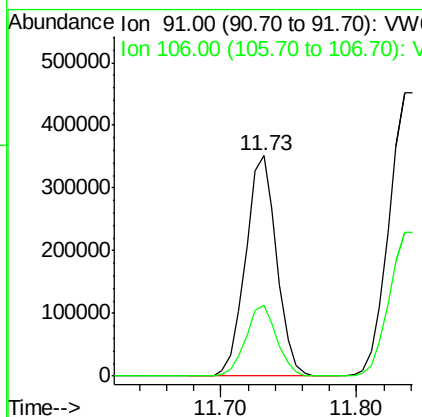
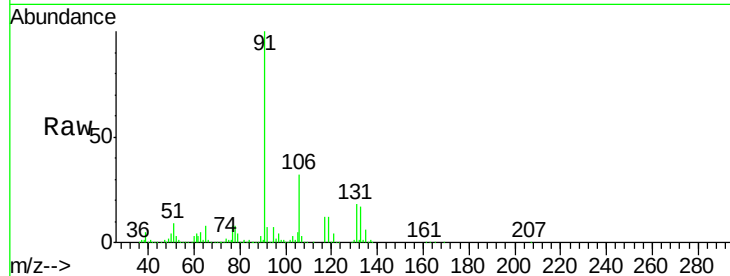
#67
Ethyl Benzene
Concen: 48.212 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.7	38.5

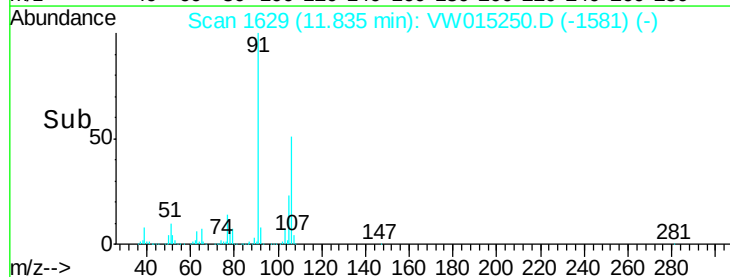
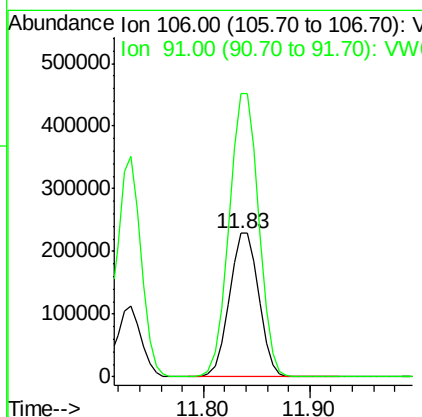
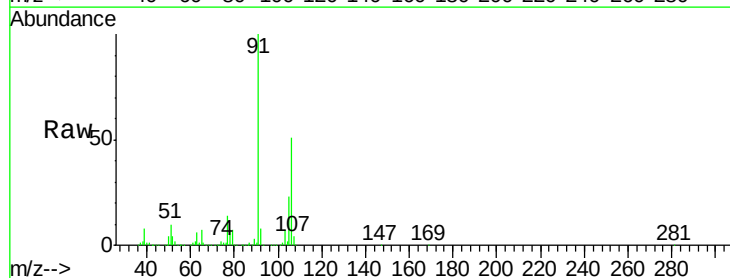
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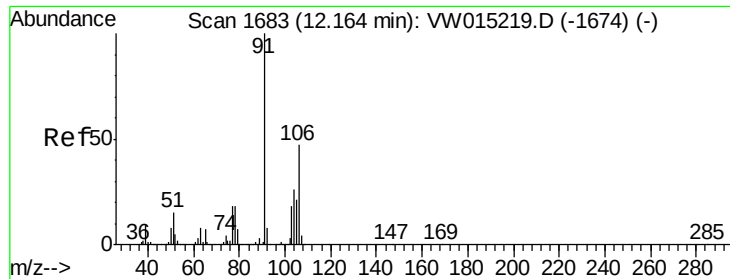
MMDadoda
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#68
m/p-Xylenes
Concen: 97.898 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.7	160.0	240.0





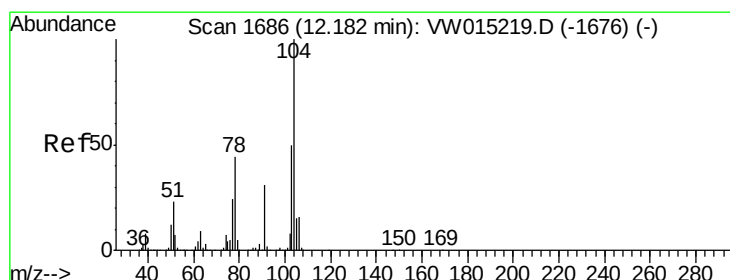
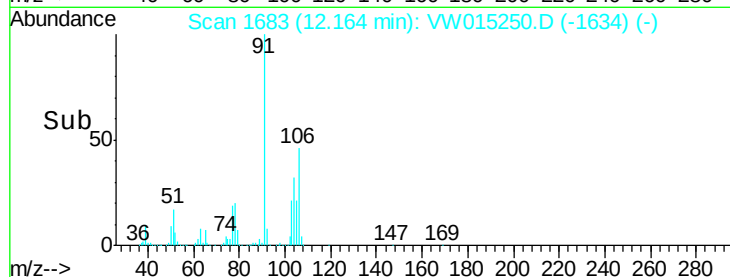
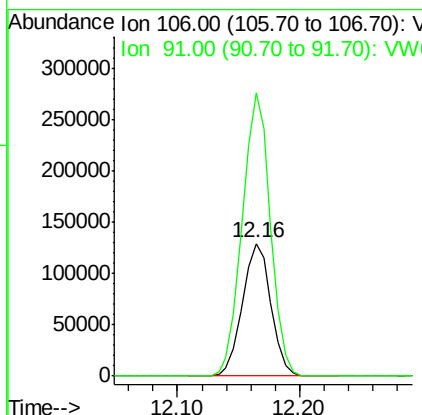
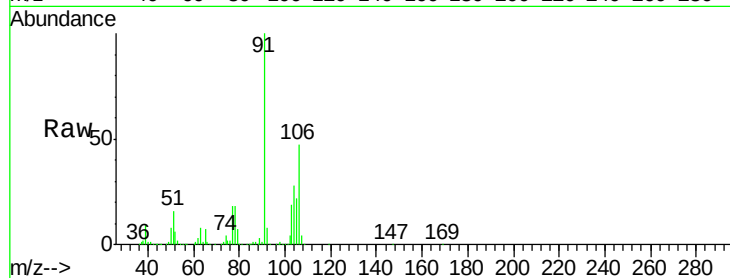
#69
o-Xylene
Concen: 49.146 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		208412		
91	210.4	105.7	317.1		

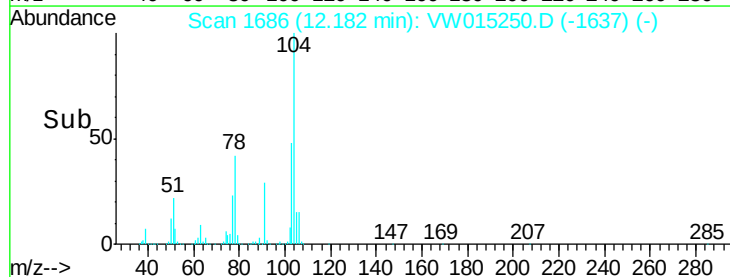
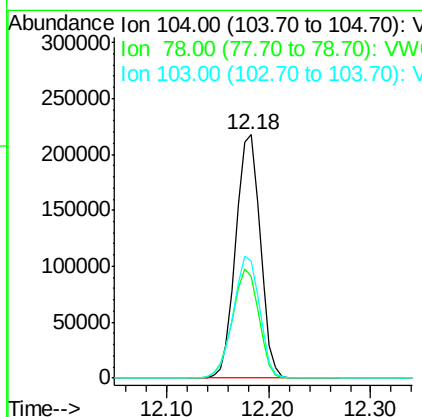
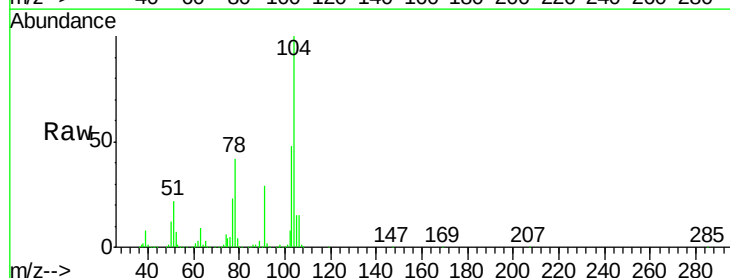
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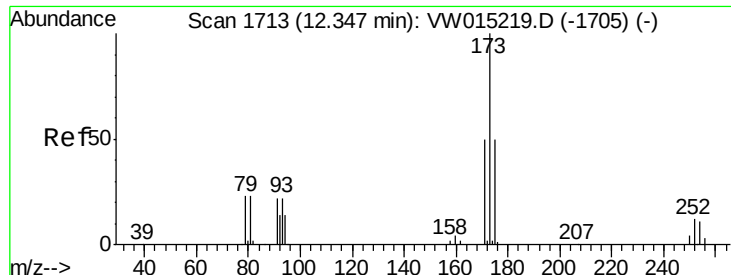
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#70
Styrene
Concen: 49.956 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		361109		
78	48.3	39.8	59.6		
103	53.6	43.8	65.6		





#71

Bromoform

Concen: 47.306 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

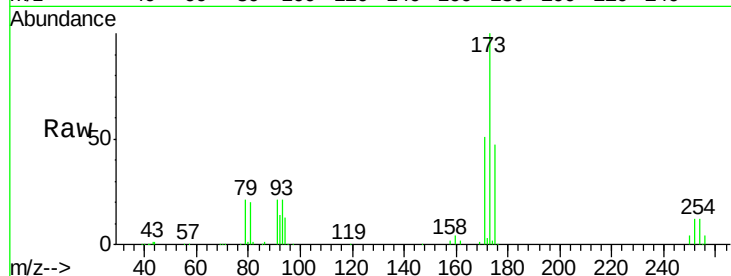
ClientSampleId :

VSTDCCC050

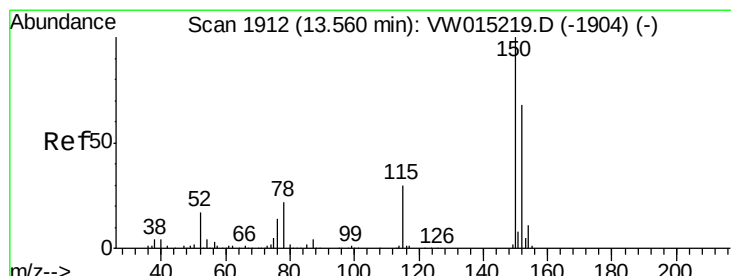
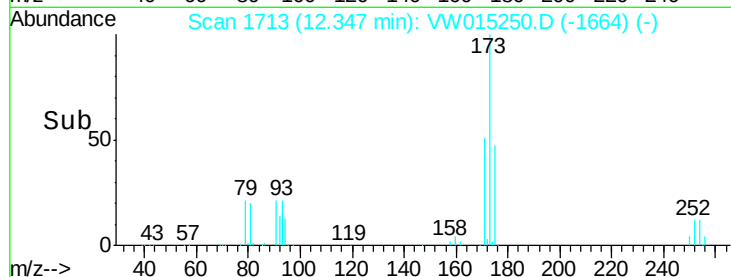
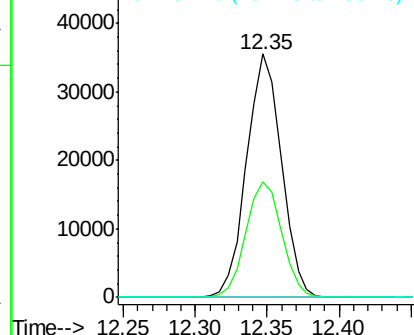
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	25.1	75.4
254	0.1	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

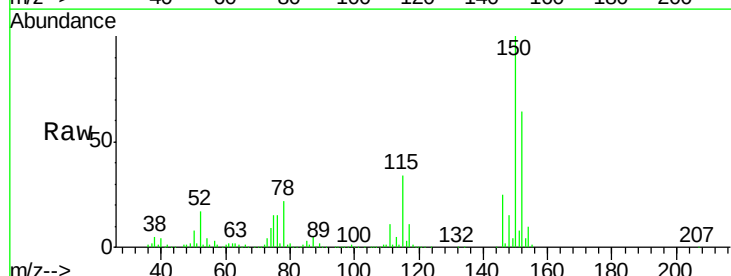
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

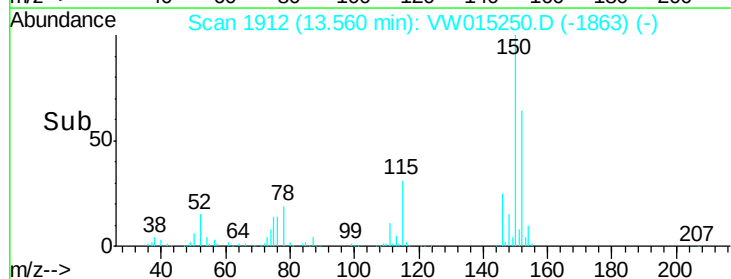
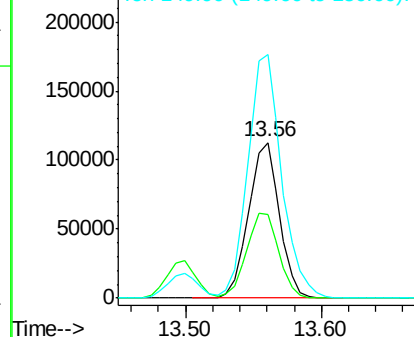
Lab File: VW015250.D

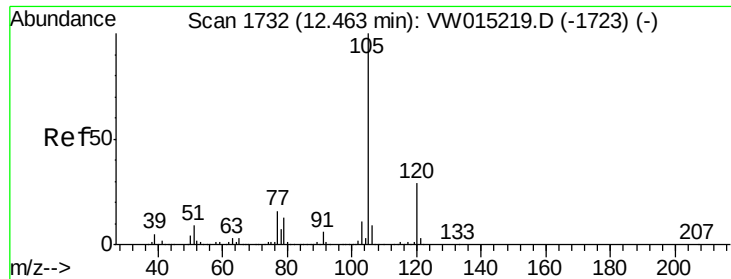
Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	31.3	93.9
150	171.5	0.0	343.4



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





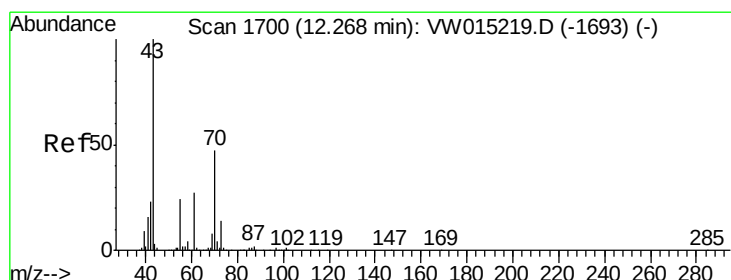
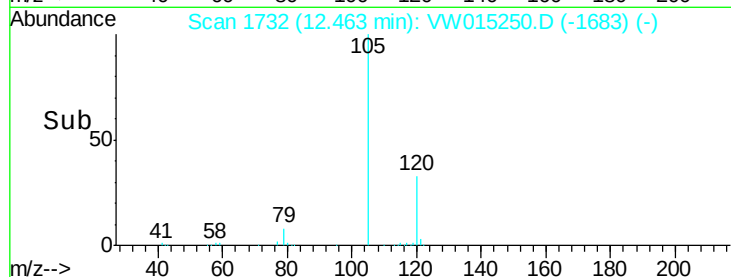
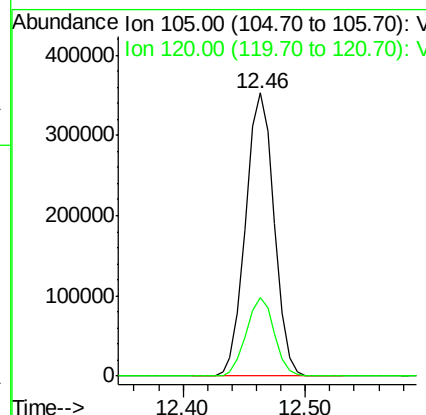
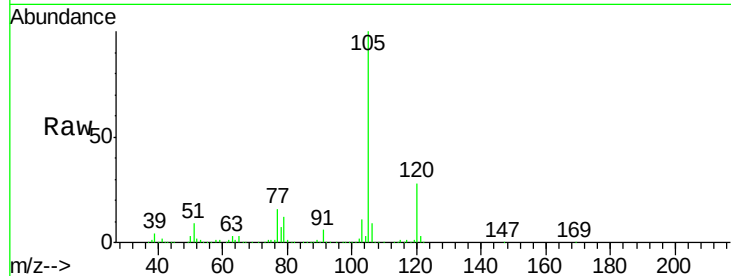
#73
Isopropylbenzene
Concen: 46.046 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.7	41.1

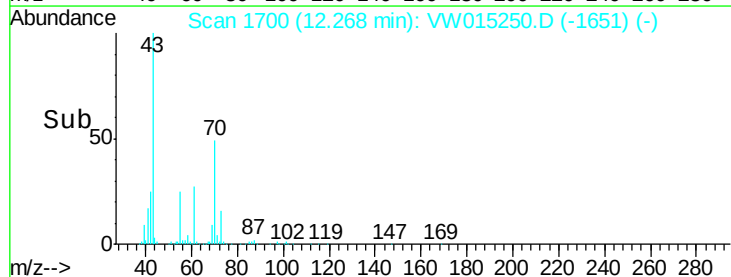
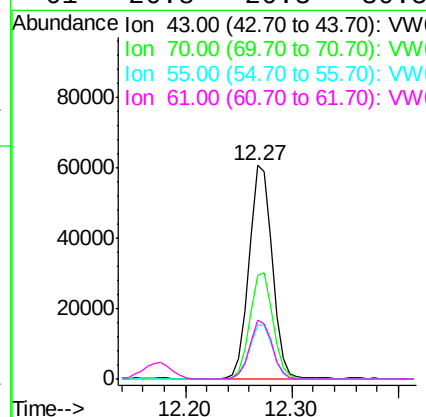
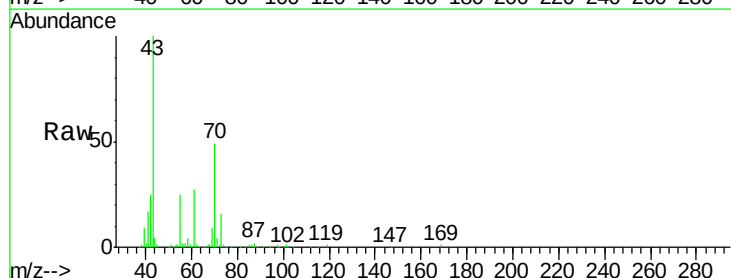
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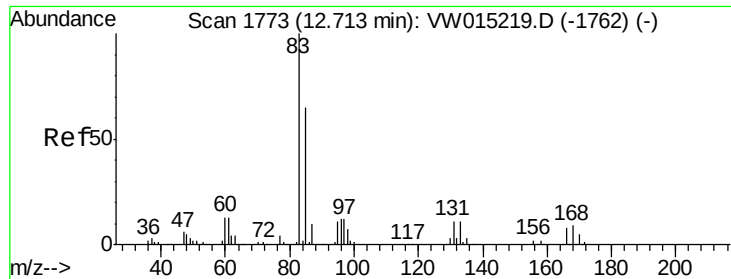
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#74
N-ethyl acetate
Concen: 43.076 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.9	35.4	53.2
55	25.4	18.5	27.7
61	26.8	20.3	30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 43.001 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

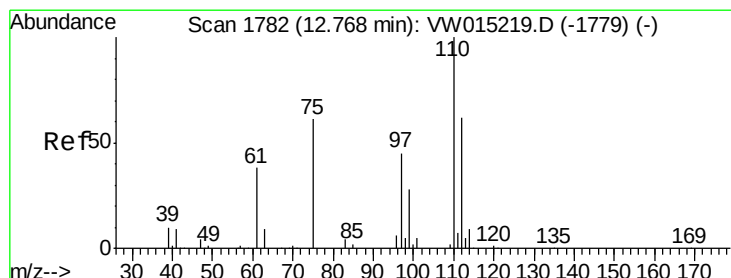
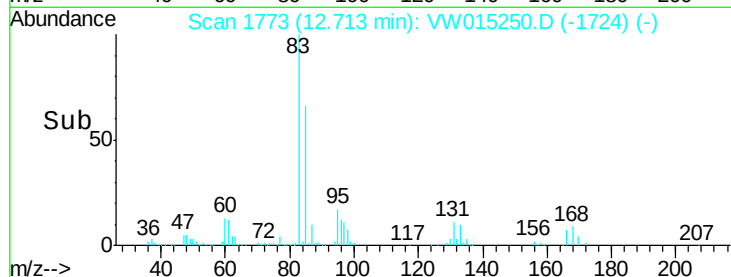
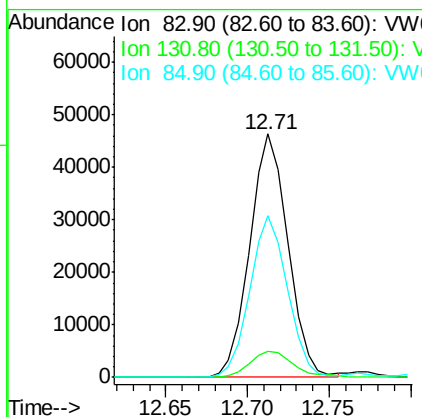
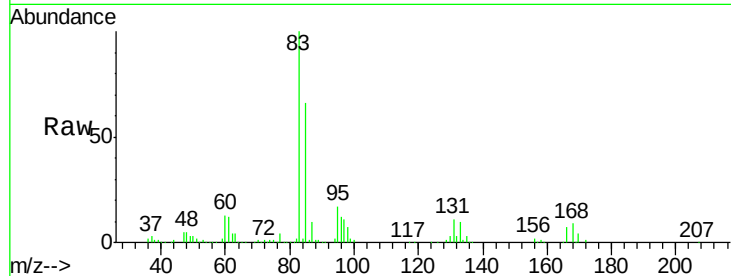
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	75548
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.1	15.2
85	65.3	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 44.439 ug/l m

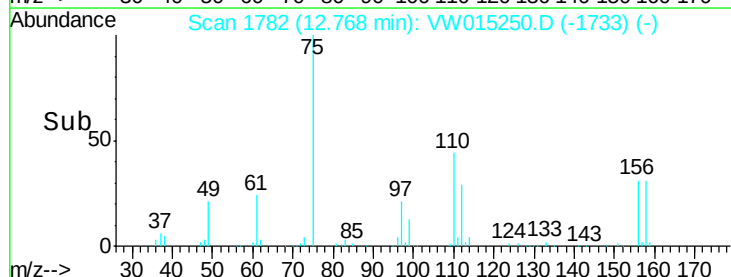
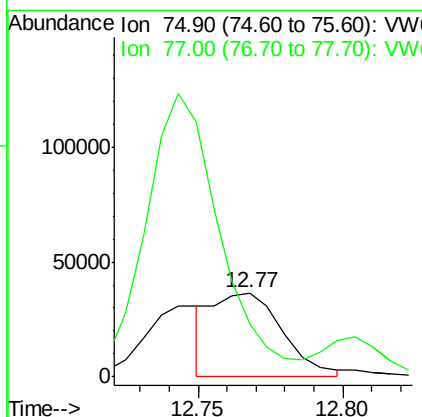
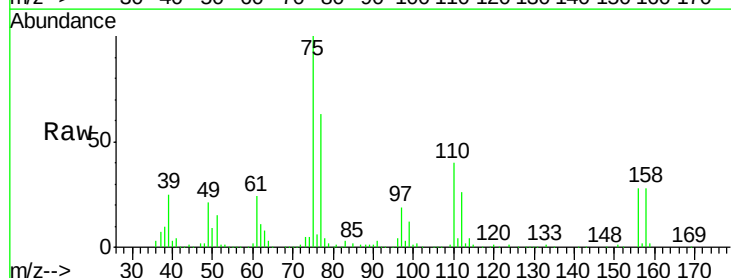
RT: 12.77 min Scan# 1782

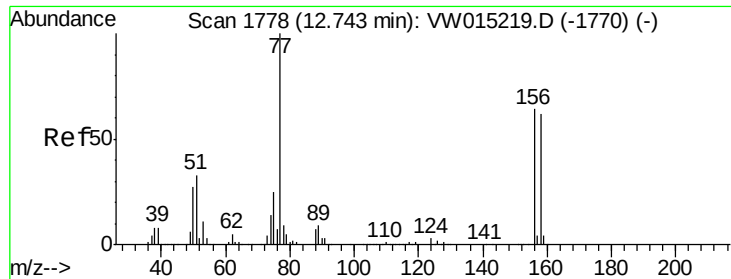
Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Tgt Ion:	75	Resp:	61355
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.032 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

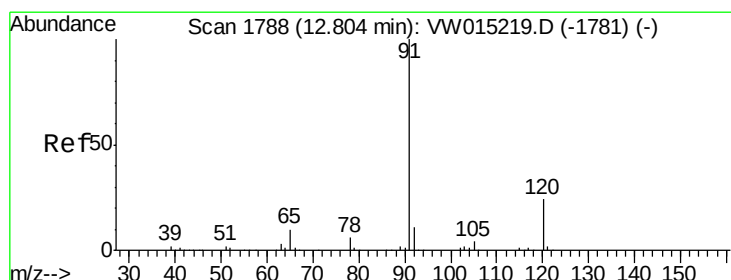
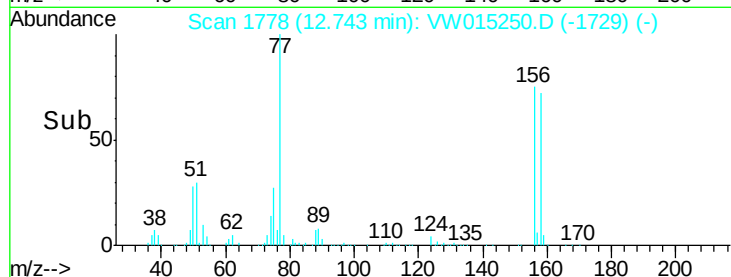
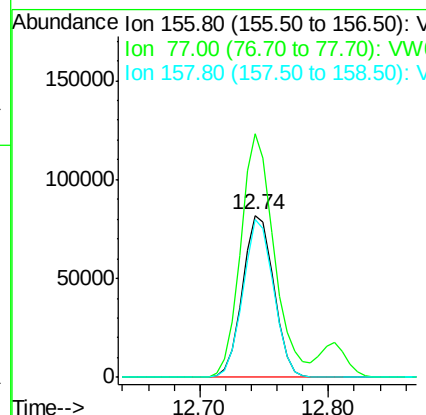
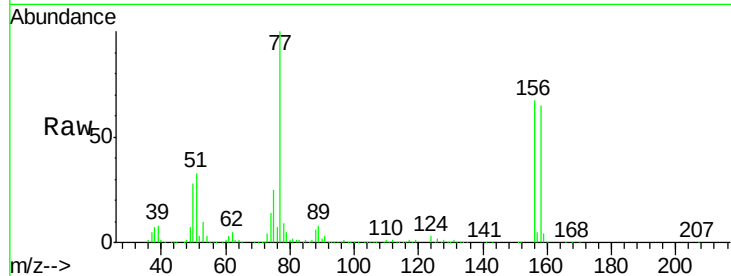
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	162.0	100.5	301.5
158	95.6	47.9	143.8

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#78

n-propylbenzene

Concen: 46.001 ug/l

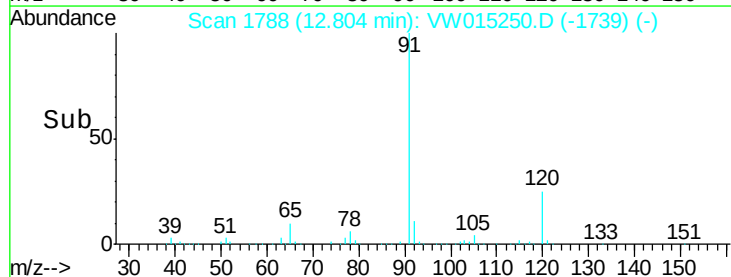
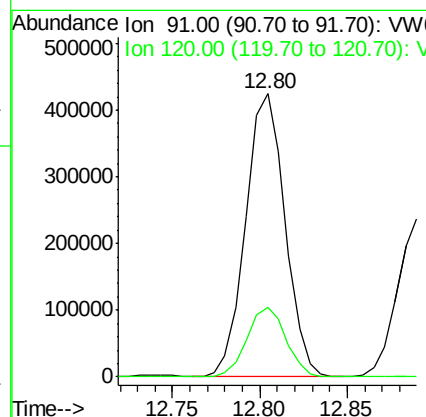
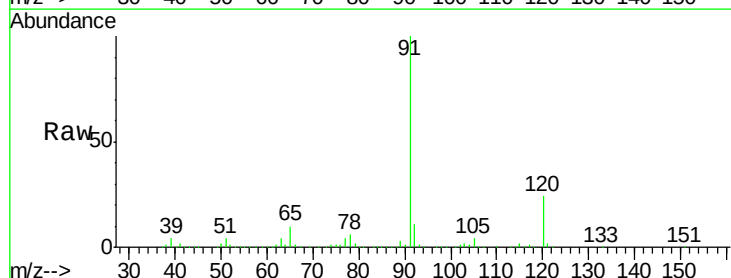
RT: 12.80 min Scan# 1788

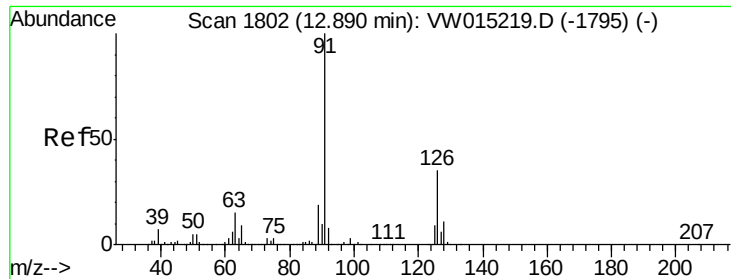
Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	11.4	34.1





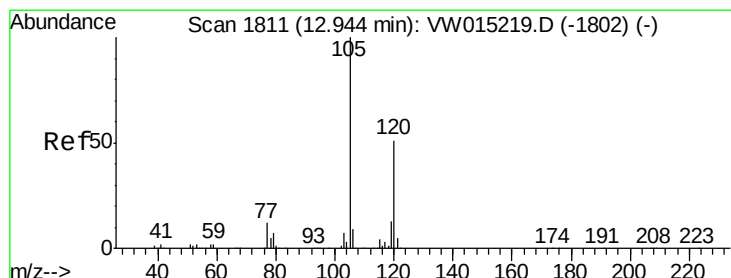
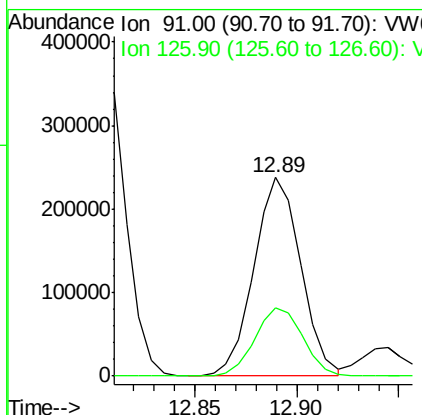
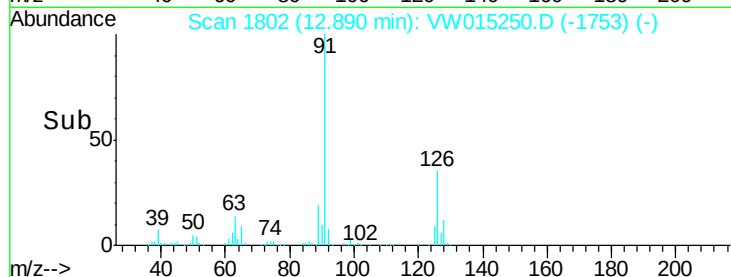
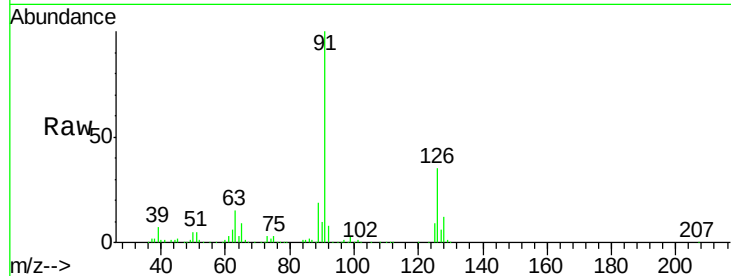
#79
2-Chlorotoluene
Concen: 46.838 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 380299
Ion Ratio Lower Upper
91 100
126 35.3 16.8 50.4

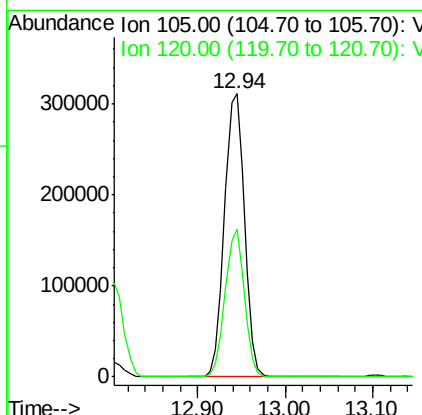
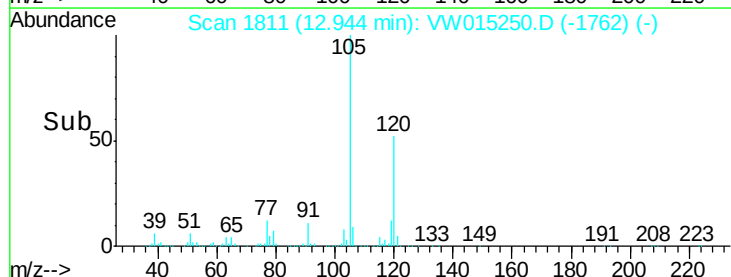
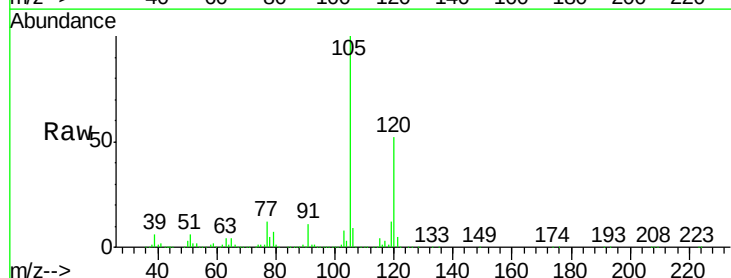
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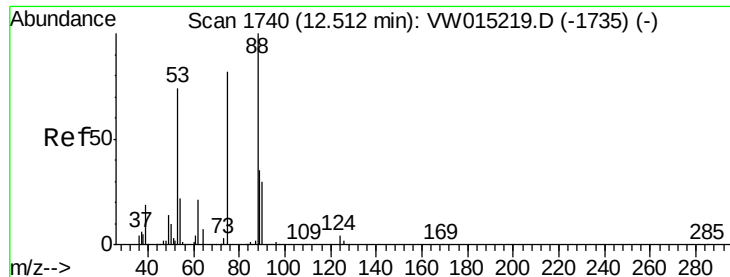
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#80
1,3,5-Trimethylbenzene
Concen: 46.285 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion: 105 Resp: 493363
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.8





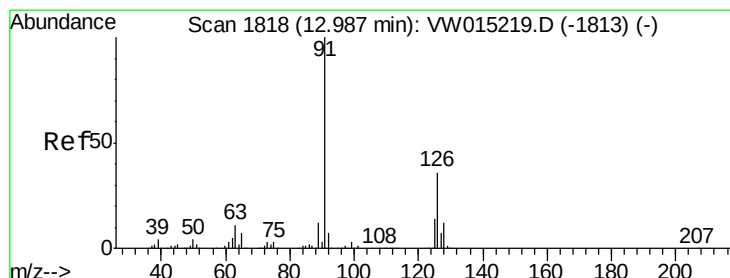
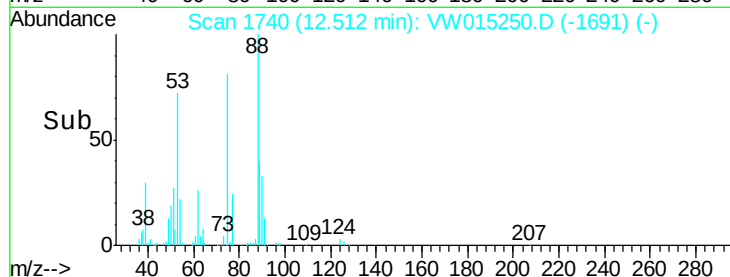
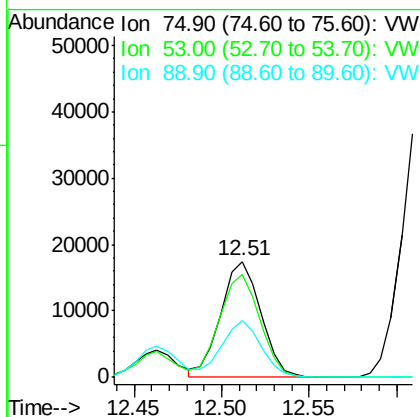
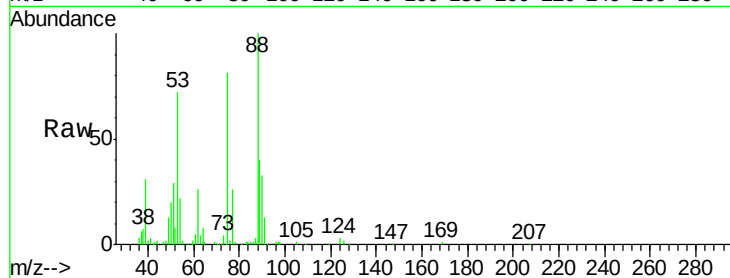
#81
trans-1,4-Dichloro-2-butene
Concen: 43.799 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.9	69.4	104.2
89	49.5	34.8	52.2

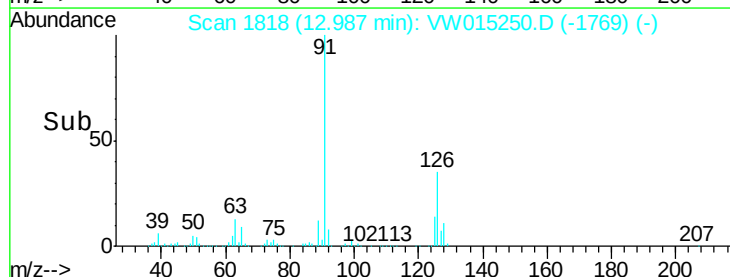
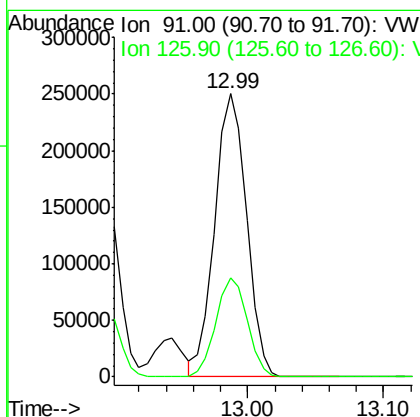
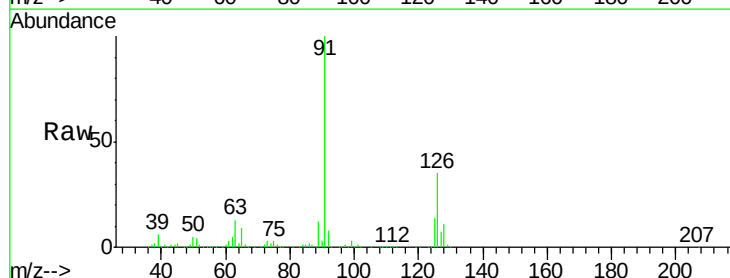
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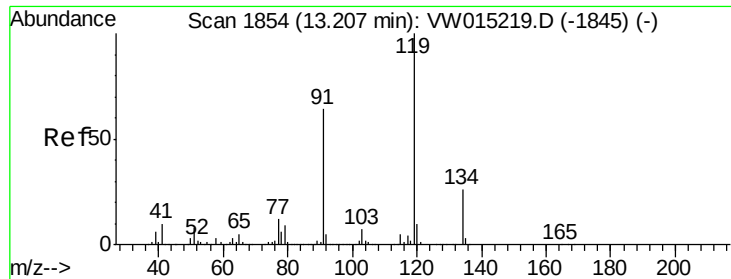
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#82
4-Chlorotoluene
Concen: 47.078 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	16.8	50.3





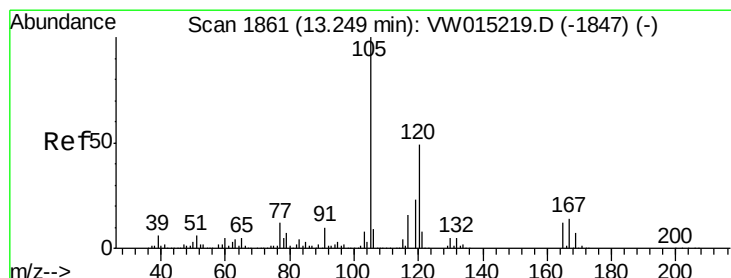
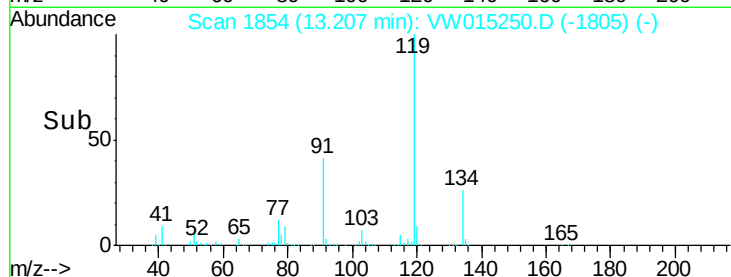
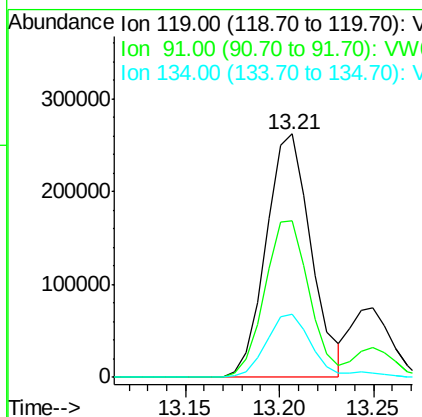
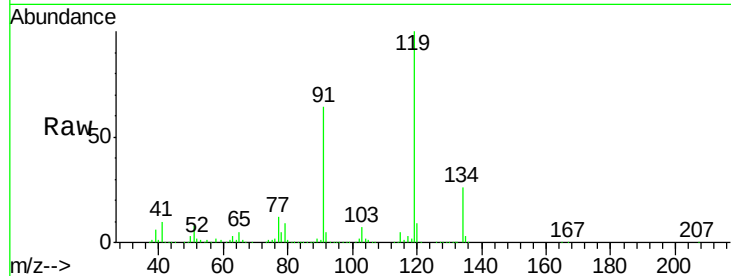
#83
 tert-Butylbenzene
 Concen: 46.603 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	434175		
91	63.8		32.8	98.3
134	25.7		13.3	39.9

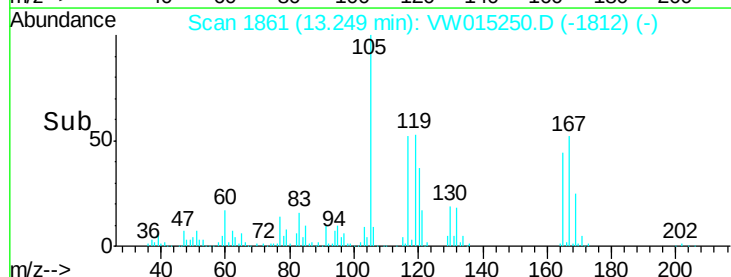
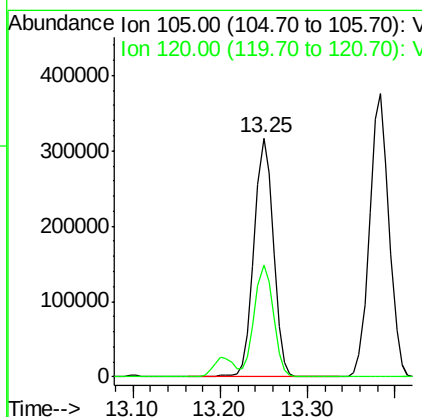
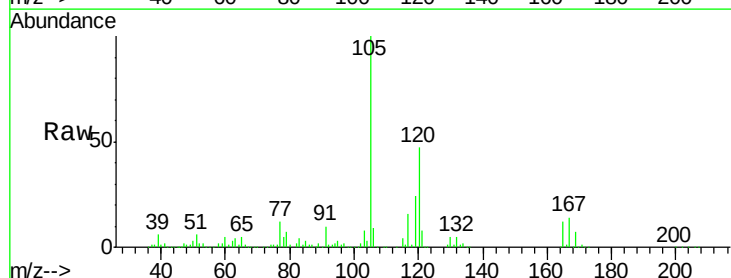
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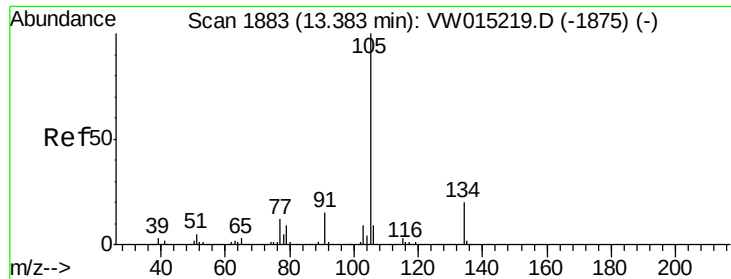
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#84
 1,2,4-Trimethylbenzene
 Concen: 46.267 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	486429		
120	45.9		23.0	69.0





#85

sec-Butylbenzene

Concen: 45.353 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 583523

Ion Ratio Lower Upper

105 100

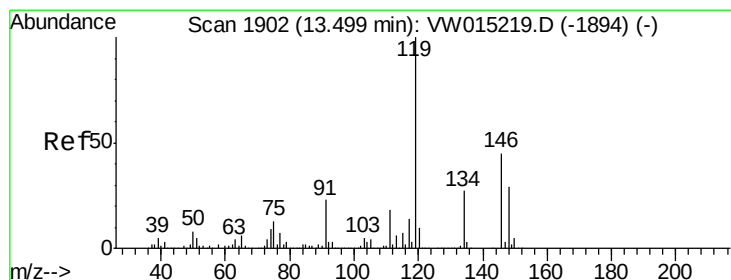
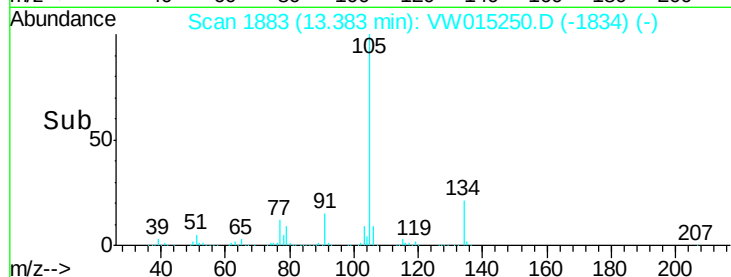
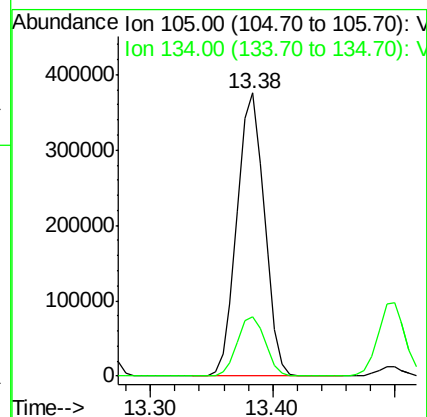
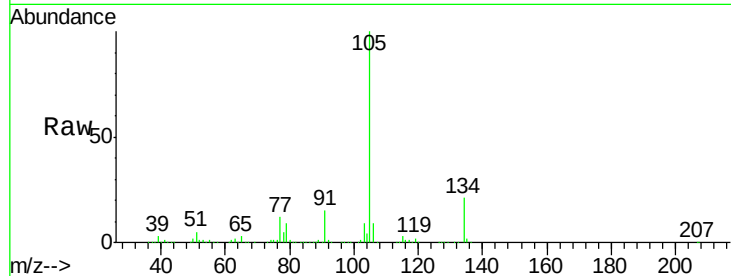
134 21.5 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 46.446 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

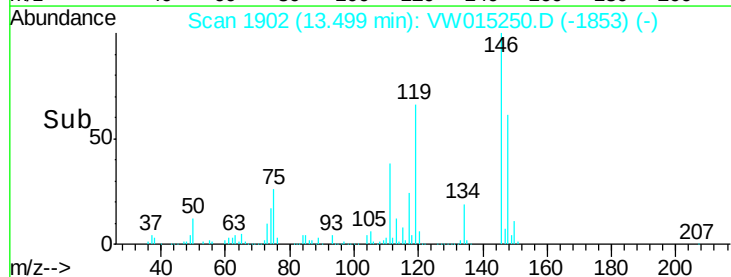
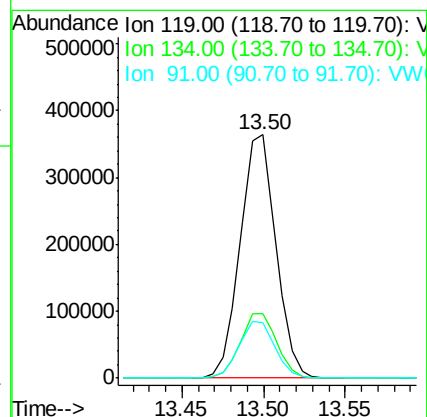
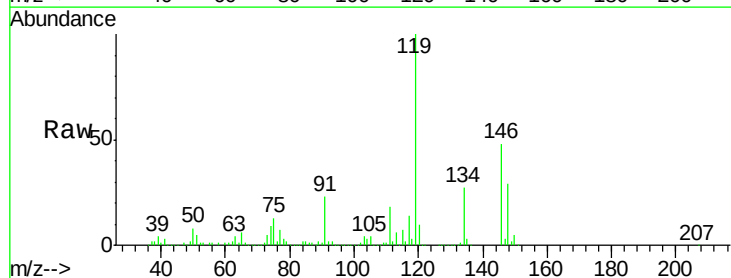
Tgt Ion:119 Resp: 555287

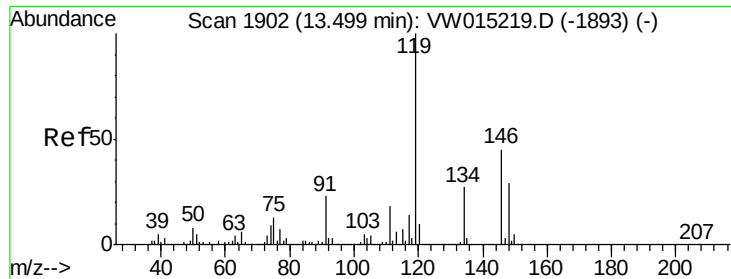
Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

91 23.3 12.0 36.1





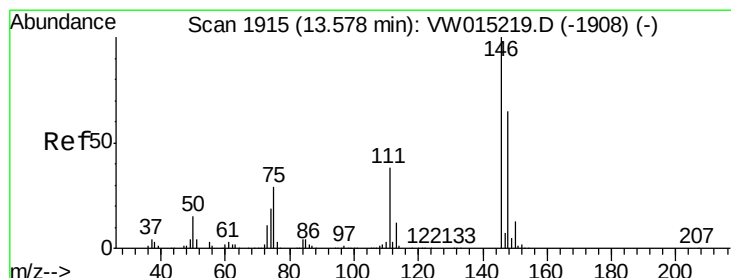
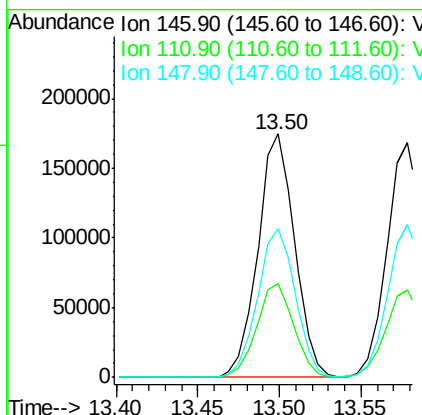
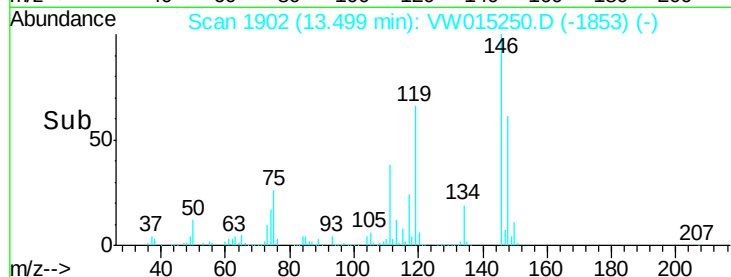
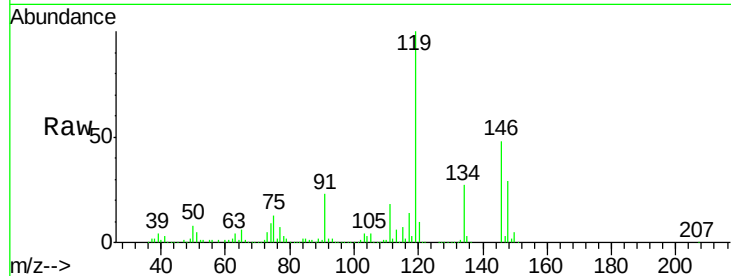
#87
 1,3-Dichlorobenzene
 Concen: 48.060 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	21.1	63.4
148	62.7	31.8	95.3

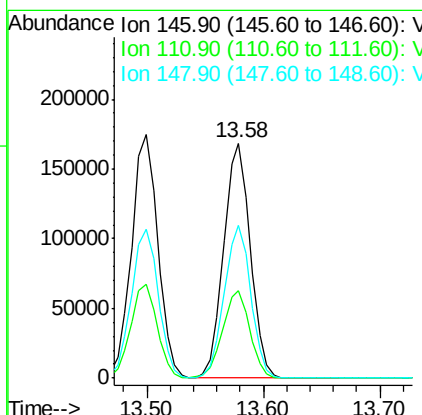
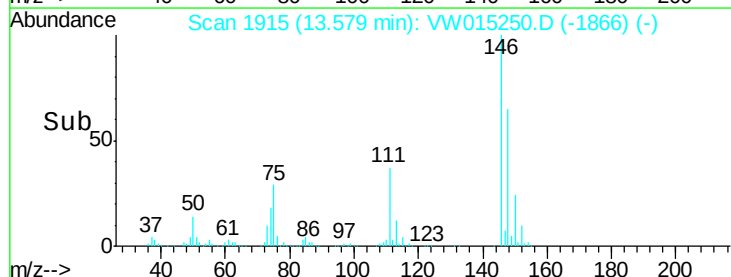
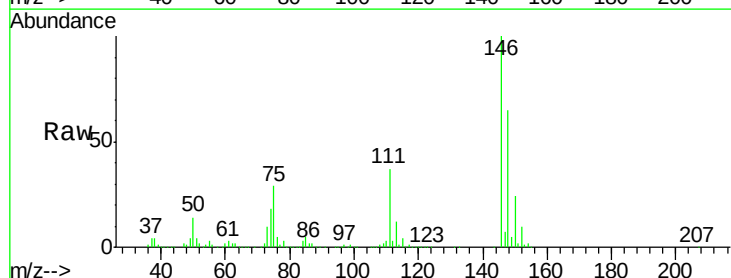
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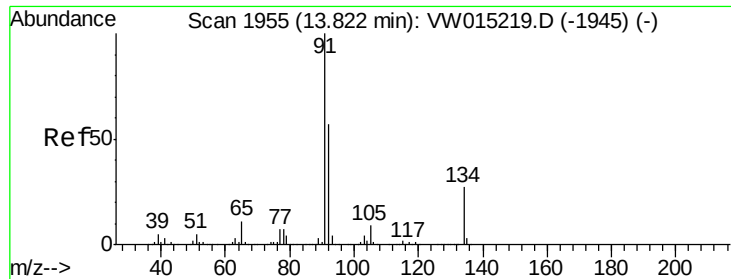
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#88
 1,4-Dichlorobenzene
 Concen: 48.223 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	20.4	61.3
148	64.7	31.5	94.5





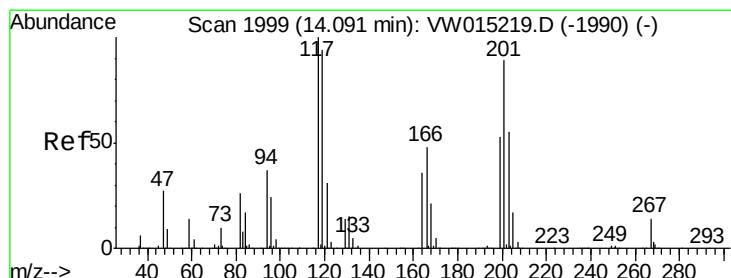
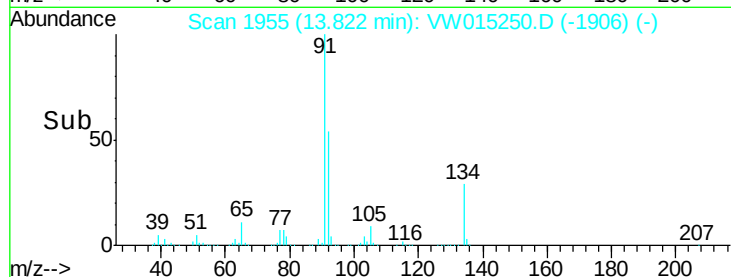
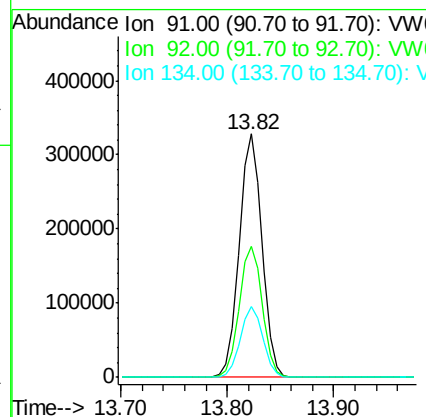
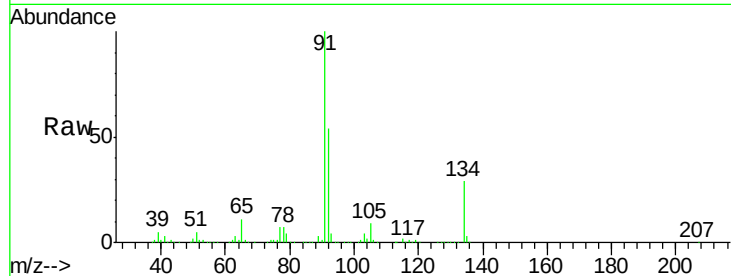
#89
n-Butylbenzene
Concen: 45.010 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		491848		
92	54.6	27.6	82.7		
134	29.0	12.8	38.3		

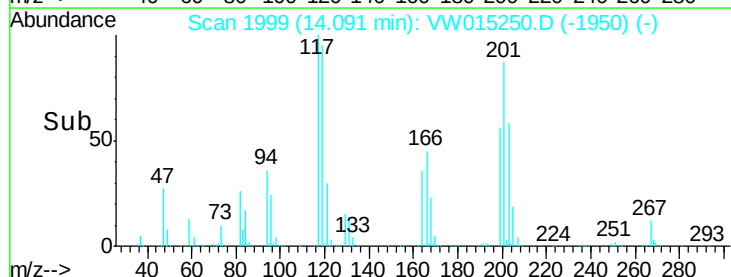
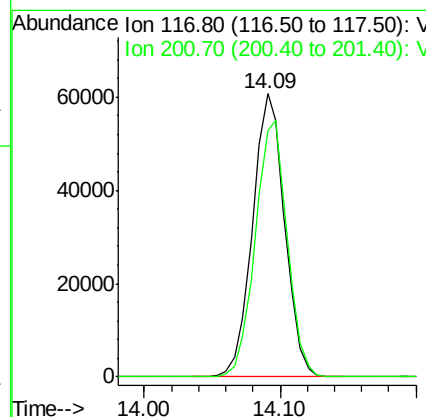
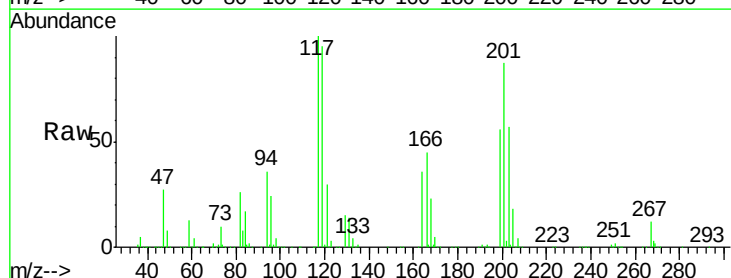
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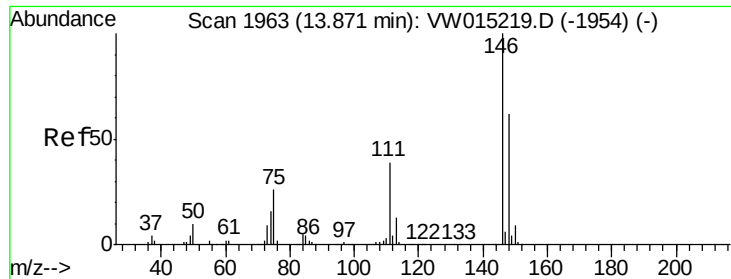
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#90
Hexachloroethane
Concen: 45.792 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		100400		
201	90.1	33.6	100.6		





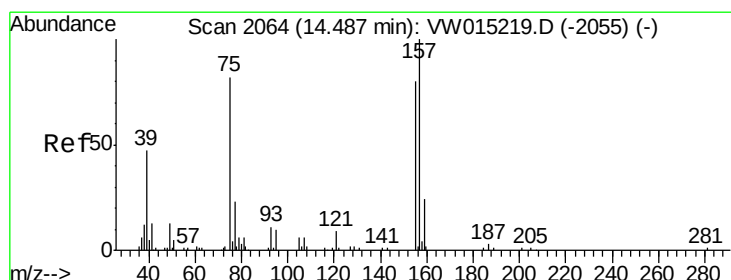
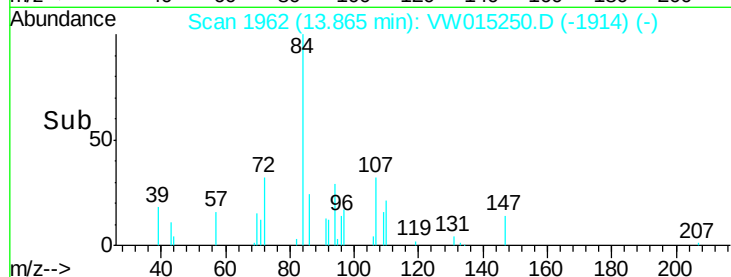
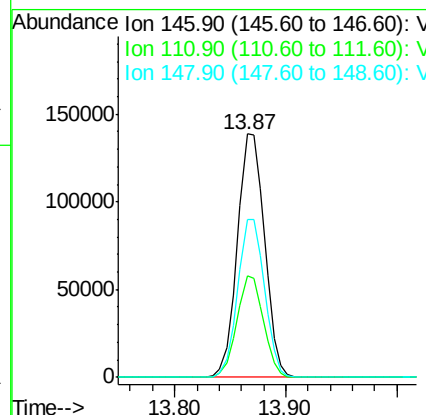
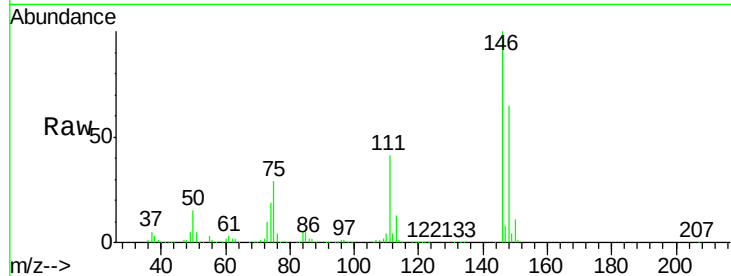
#91
 1,2-Dichlorobenzene
 Concen: 47.732 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.6	65.0
148	64.1	31.0	93.0

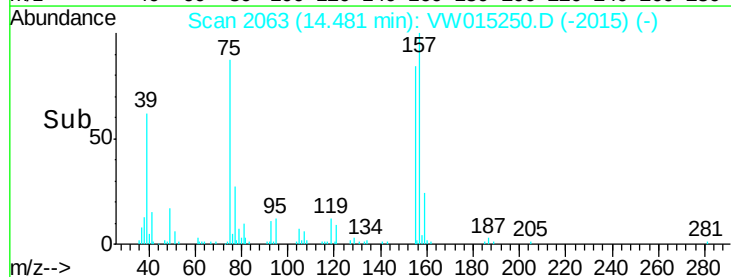
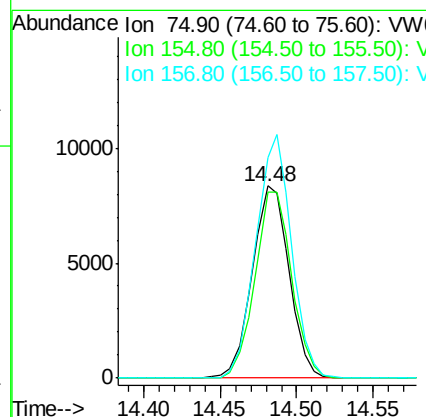
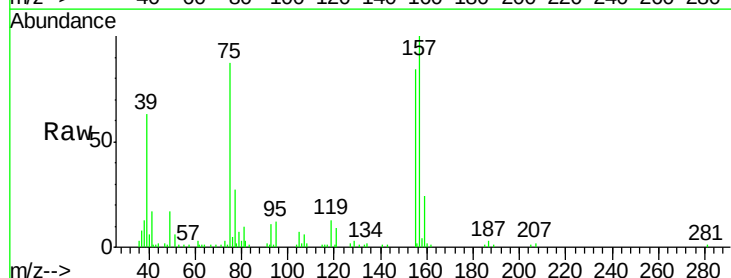
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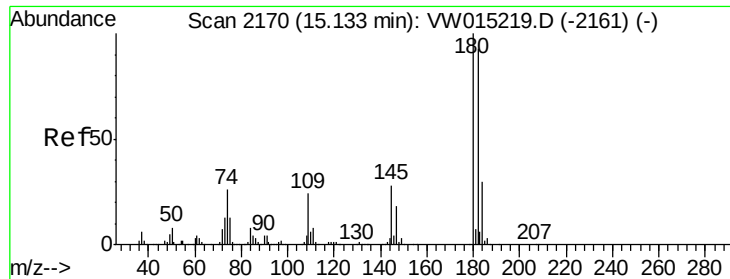
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.074 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.7	41.6	124.9
157	122.6	53.8	161.2





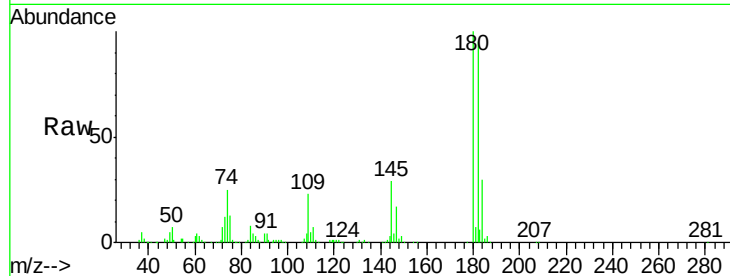
#93
 1,2,4-Trichlorobenzene
 Concen: 47.814 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

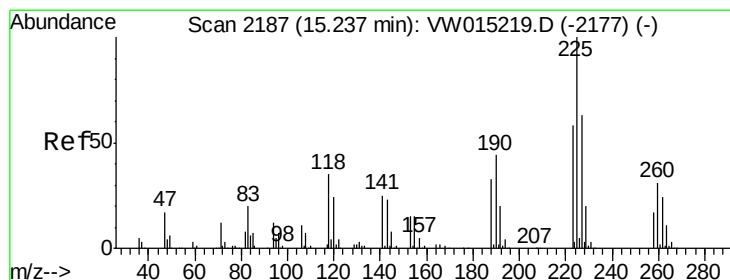
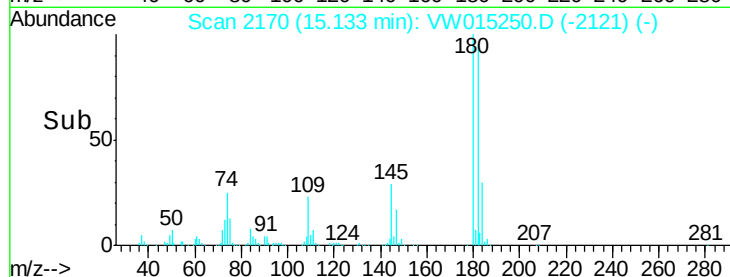
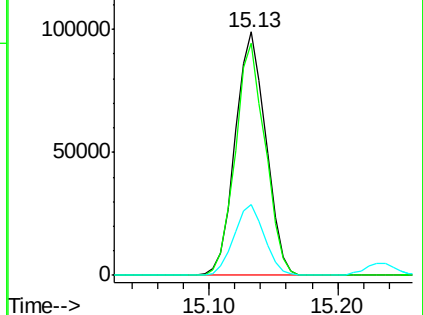
Tot Ion	Ratio	Resp	Lower	Upper
180	100	163134		
182	93.3	47.1	141.4	
145	29.0	16.2	48.6	

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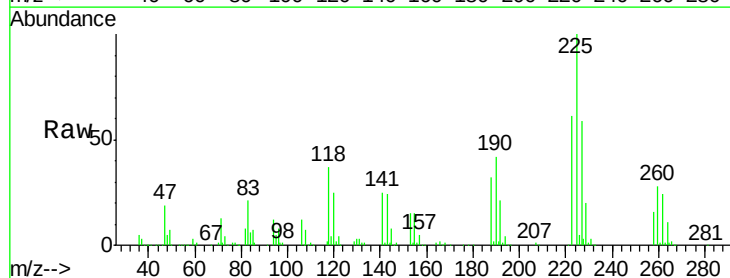


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

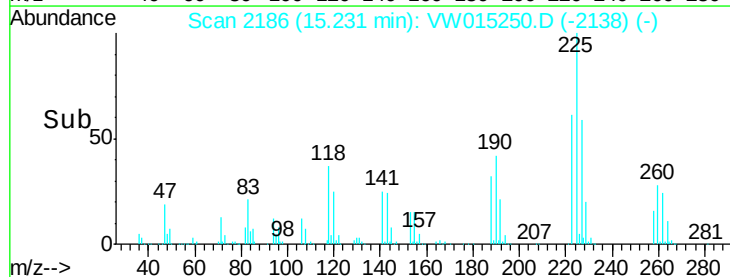
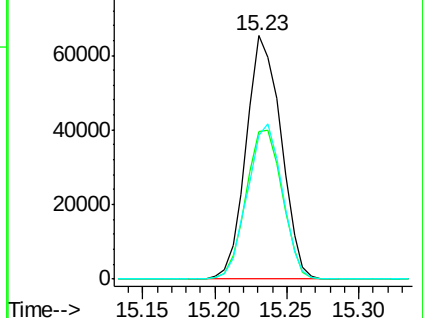


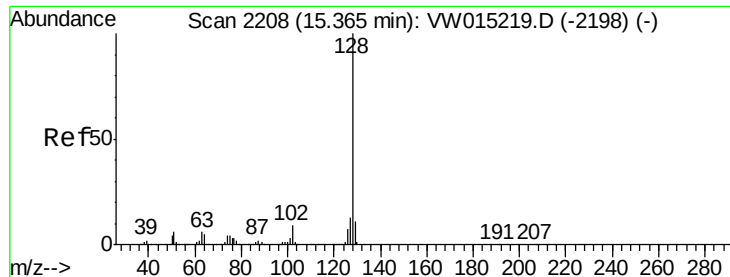
#94
 Hexachlorobutadiene
 Concen: 48.051 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109301		
223	63.8	31.0	93.0	
227	63.8	30.8	92.3	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





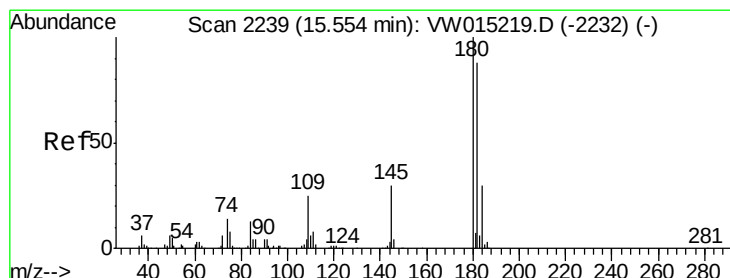
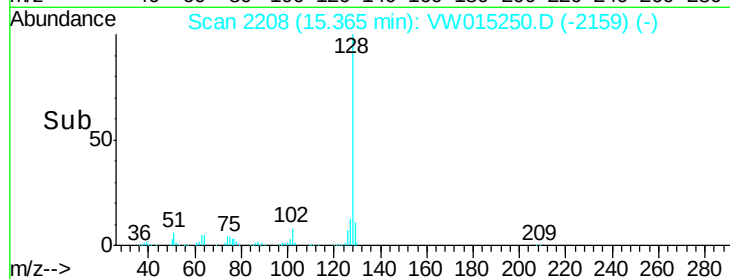
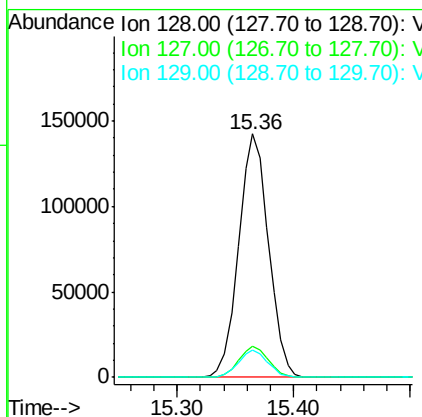
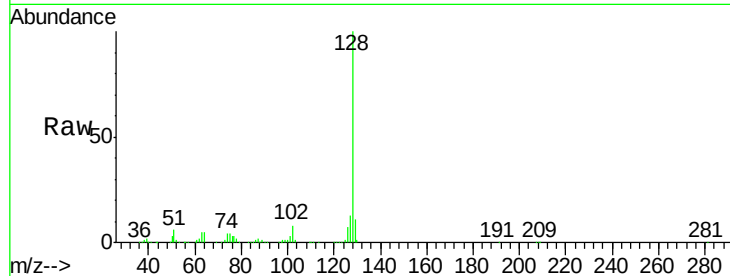
#95
Naphthalene
Concen: 46.412 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	254725
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	11.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
4/22/2020 11:42:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.775 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion:	180	Resp:	132622
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.8	146.3
145	30.3	17.2	51.6

