

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023026.D
 Acq On : 23 Oct 2021 21:47
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 01:11:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	141696	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	141695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50416	4.072	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.568	69	38760	5.061	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.108	63	68535	3.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	3.902	46	124122	62.492	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.980%
24) Chloroform-d	4.352	84	102405	5.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.034	65	47015	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.053	84	205073	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.072	67	62971	4.945	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.316	98	193309	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	7.625	79	22355	5.010	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.091	63	95525	57.826	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47913	5.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	68767	5.073	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	38584	4.292	ug/L	99
3) Chloromethane	1.240	50	47198	4.858	ug/L	97
5) Vinyl chloride	1.310	62	45881	4.572	ug/L	97
6) Bromomethane	1.519	94	21967	4.333	ug/L	96
8) Chloroethane	1.584	64	27029	5.151	ug/L	99
9) Trichlorofluoromethane	1.751	101	58703	4.334	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	29468	3.816	ug/L	96
12) 1,1-Dichloroethene	2.117	96	29355	4.046	ug/L	99
13) Acetone	2.191	43	52770	54.153	ug/L	86
14) Carbon disulfide	2.294	76	95589	4.838	ug/L	99
15) Methyl Acetate	2.445	43	16184	4.366	ug/L	91
16) Methylene chloride	2.506	84	51324	6.441	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	94985	5.484	ug/L	94
18) trans-1,2-Dichloroethene	2.760	96	45421	5.864	ug/L	97
19) 1,1-Dichloroethane	3.191	63	86026	6.045	ug/L	98
21) 2-Butanone	3.985	43	102686	53.827	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	46914	5.343	ug/L #	92
23) Bromochloromethane	4.256	128	22546	5.656	ug/L #	79
25) Chloroform	4.378	83	90981	4.839	ug/L	98

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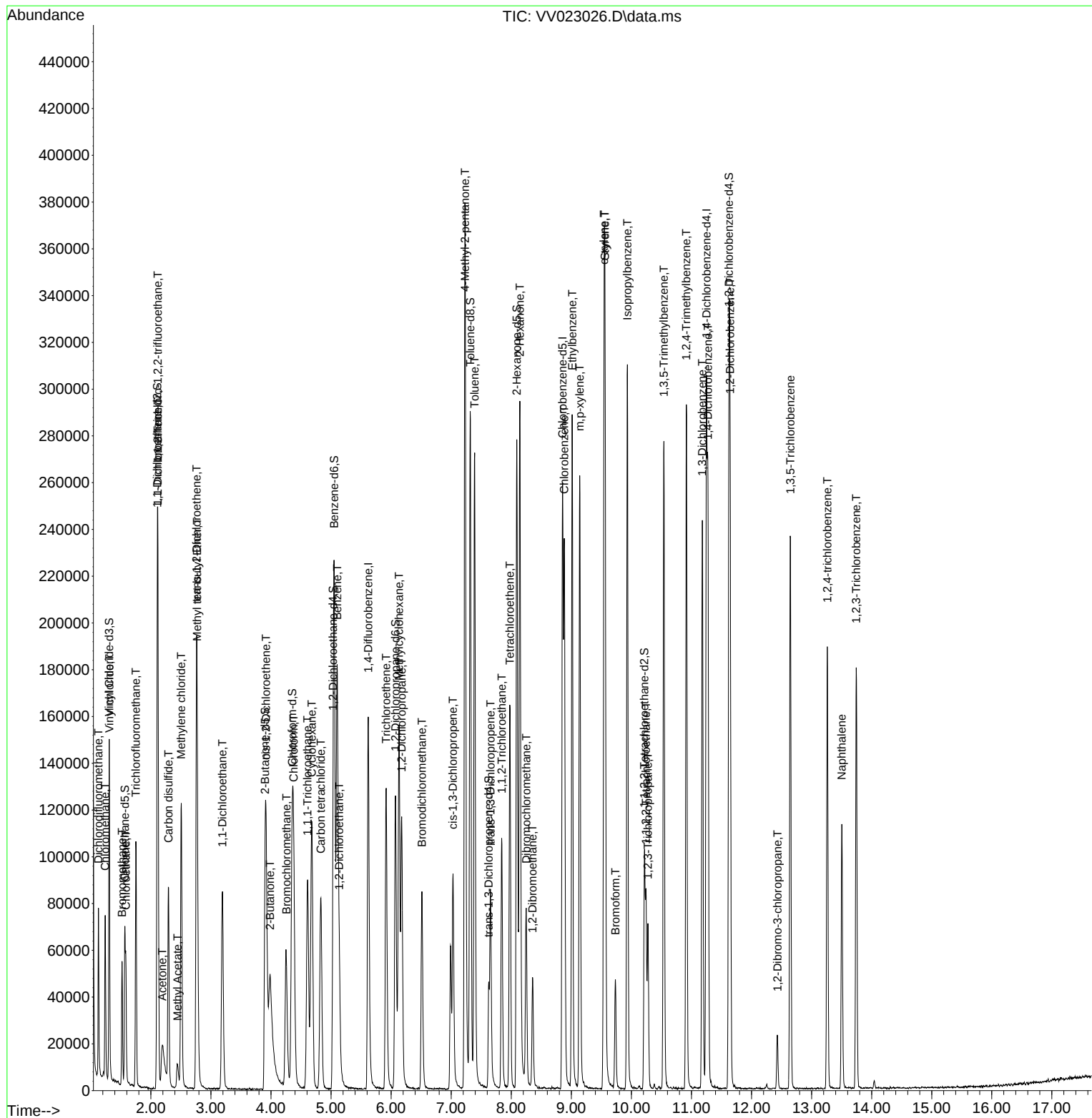
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	47209	4.761	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	73674	4.601	ug/L	99
30) Cyclohexane	4.677	56	55375	3.961	ug/L	97
31) Carbon tetrachloride	4.831	117	63008	4.573	ug/L	98
33) Benzene	5.101	78	185248	4.858	ug/L	100
34) Trichloroethene	5.918	95	45928	4.795	ug/L	98
35) Methylcyclohexane	6.133	83	58620	4.274	ug/L	98
37) 1,2-Dichloropropane	6.175	63	45706	4.756	ug/L	98
38) Bromodichloromethane	6.513	83	58452	4.930	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	58470	4.886	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	260821	57.645	ug/L	99
42) Toluene	7.390	91	202469	5.240	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	50233	5.074	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	33852	5.035	ug/L	98
47) Tetrachloroethene	7.979	164	38577	4.767	ug/L	97
48) 2-Hexanone	8.143	43	192898	57.432	ug/L	99
49) Dibromochloromethane	8.249	129	39564	4.945	ug/L	100
50) 1,2-Dibromoethane	8.355	107	31040	5.128	ug/L	99
51) Chlorobenzene	8.882	112	125933	4.961	ug/L	99
52) Ethylbenzene	9.014	91	193604	5.048	ug/L	98
53) m,p-xylene	9.140	106	75756	4.925	ug/L	95
54) o-xylene	9.545	106	72686	5.020	ug/L	99
55) Styrene	9.561	104	130843	5.233	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	39598	5.269	ug/L	99
59) Bromoform	9.734	173	21528	4.862	ug/L	99
60) Isopropylbenzene	9.934	105	192842	5.018	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	27801	5.198	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	146901	4.759	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	156755	5.088	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	101923	5.040	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	101073	4.920	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	97878	5.200	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	5476	5.190	ug/L	92
69) 1,3,5-Trichlorobenzene	12.647	180	74315	4.826	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	57858	5.021	ug/L	99
71) Naphthalene	13.503	128	89943	5.134	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	54033	5.051	ug/L	98

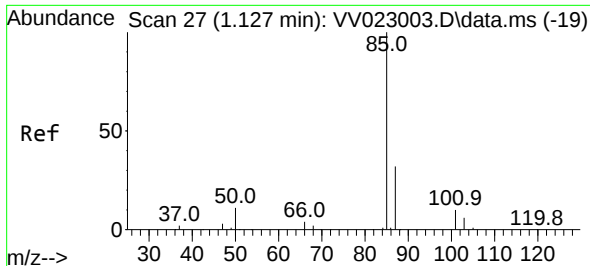
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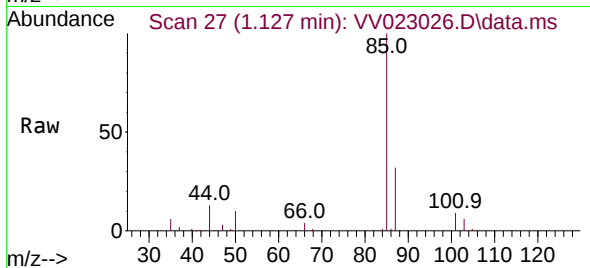
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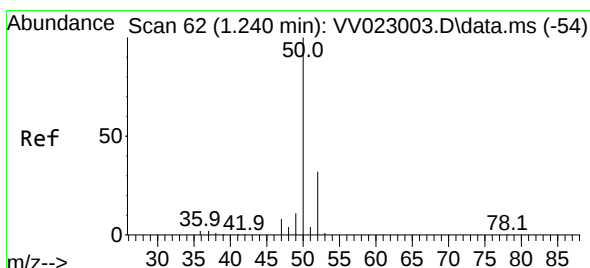
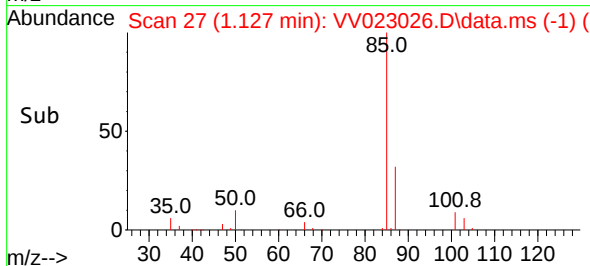
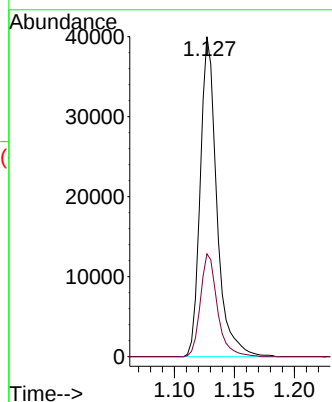


#2
 Dichlorodifluoromethane
 Concen: 4.292 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023026.D
 Acq: 23 Oct 2021 21:47

Instrument :
 MSVOA_V
 ClientSampleId :

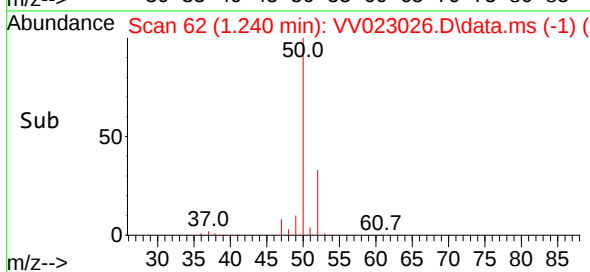
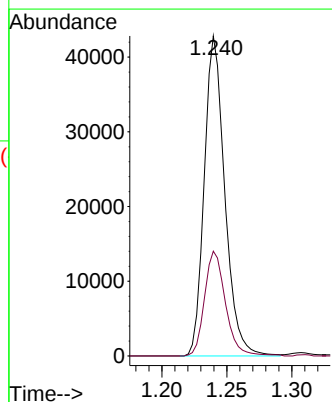
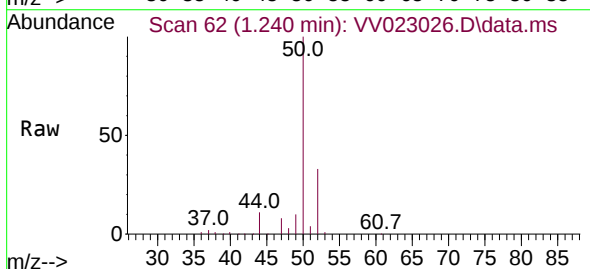


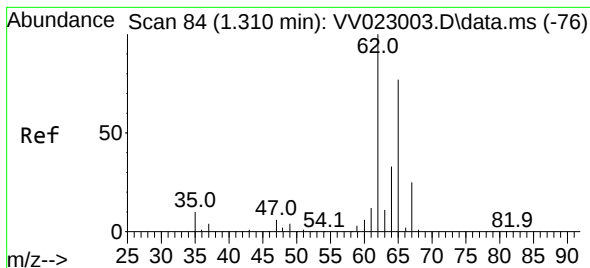
Tgt Ion: 85 Resp: 38584
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.6 39.8



#3
 Chloromethane
 Concen: 4.858 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023026.D
 Acq: 23 Oct 2021 21:47

Tgt Ion: 50 Resp: 47198
 Ion Ratio Lower Upper
 50 100
 52 32.8 24.3 45.1





#5

Vinyl chloride

Concen: 4.572 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.000 min

Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

Instrument :

MSVOA_V

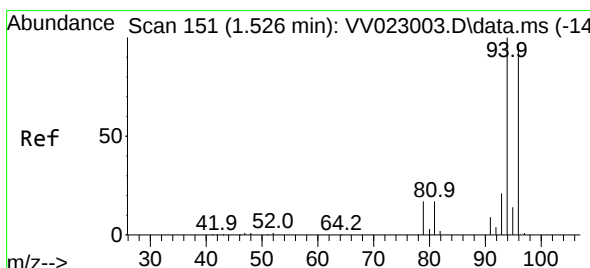
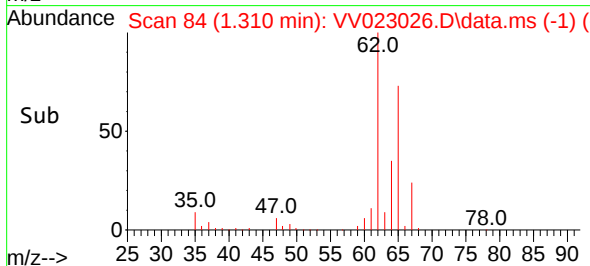
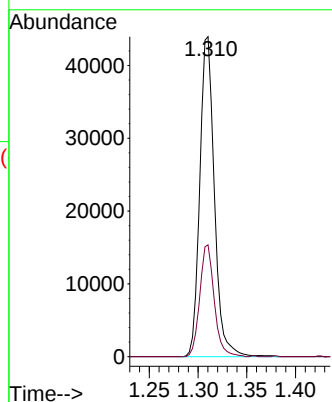
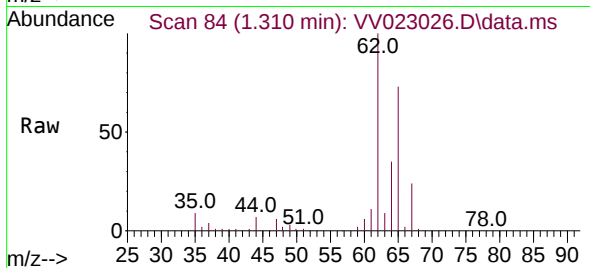
ClientSampleId :

Tgt Ion: 62 Resp: 45881

Ion Ratio Lower Upper

62 100

64 34.9 23.1 42.9



#6

Bromomethane

Concen: 4.333 ug/L

RT: 1.519 min Scan# 149

Delta R.T. -0.006 min

Lab File: VV023026.D

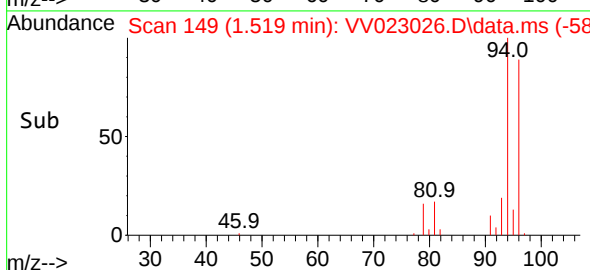
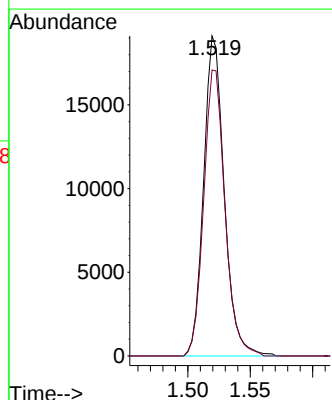
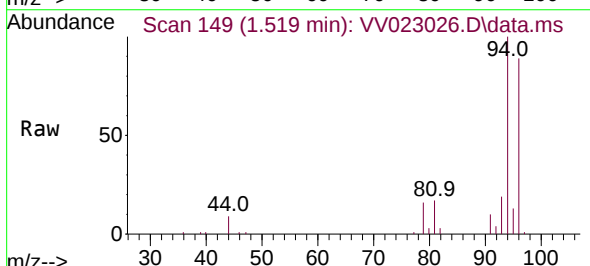
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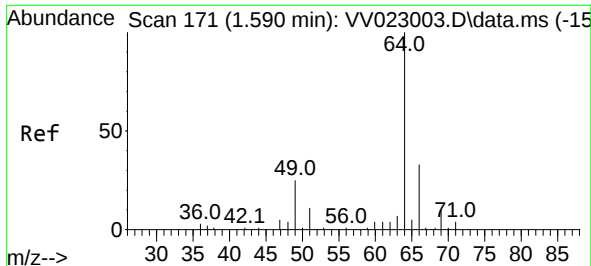
Tgt Ion: 94 Resp: 21967

Ion Ratio Lower Upper

94 100

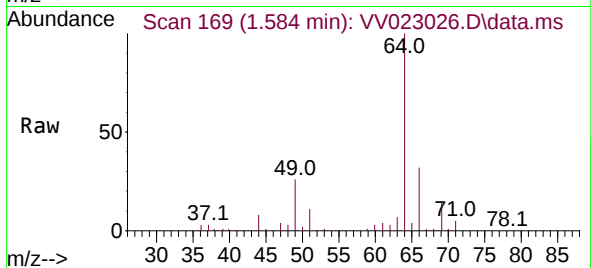
96 89.3 65.0 120.8



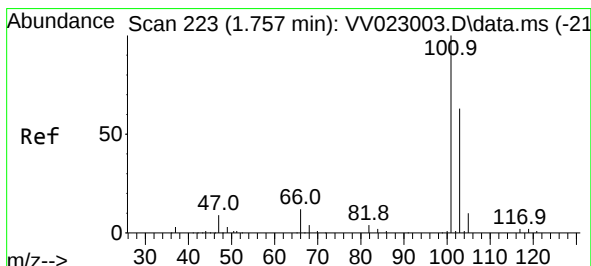
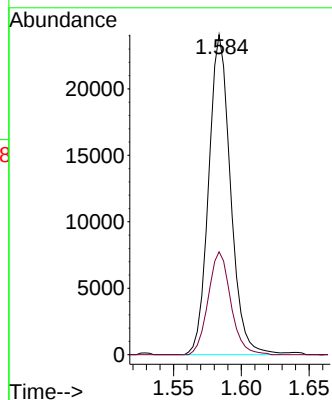
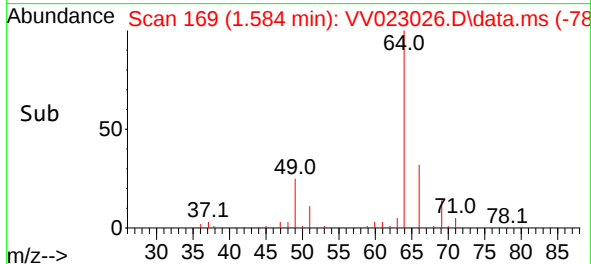


#8
Chloroethane
Concen: 5.151 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

Instrument :
MSVOA_V
ClientSampleId :

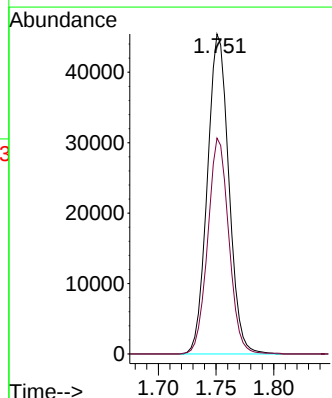
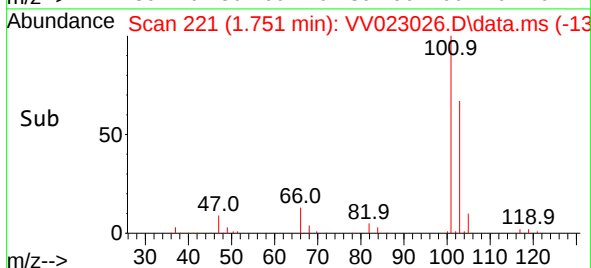
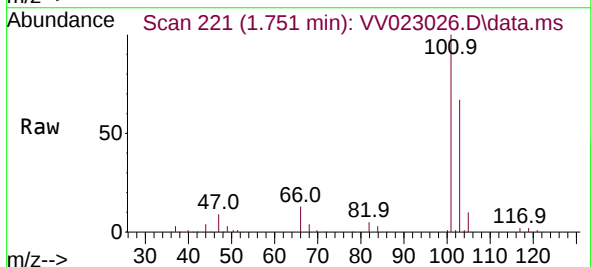


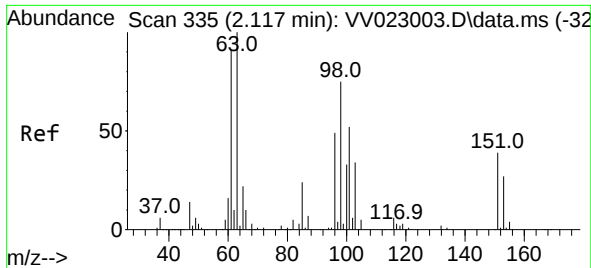
Tgt Ion: 64 Resp: 27029
Ion Ratio Lower Upper
64 100
66 32.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.334 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.006 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

Tgt Ion: 101 Resp: 58703
Ion Ratio Lower Upper
101 100
103 66.1 52.6 79.0

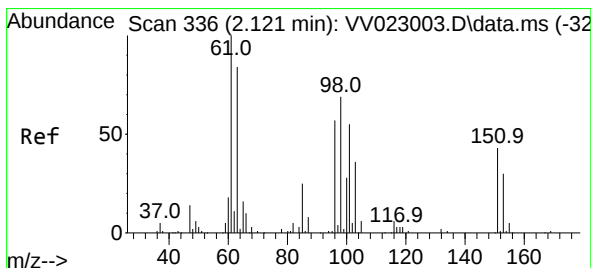
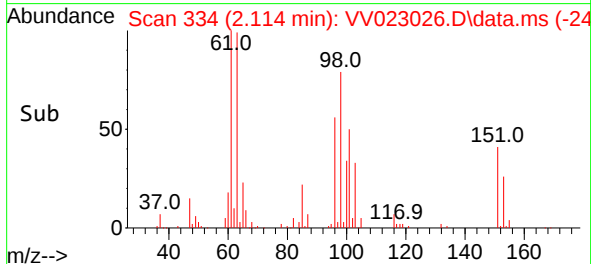
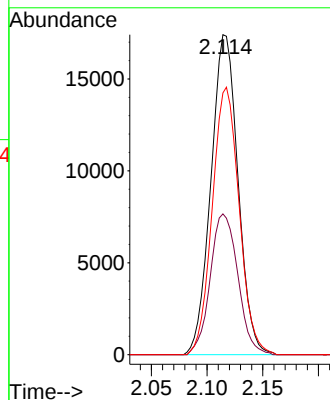
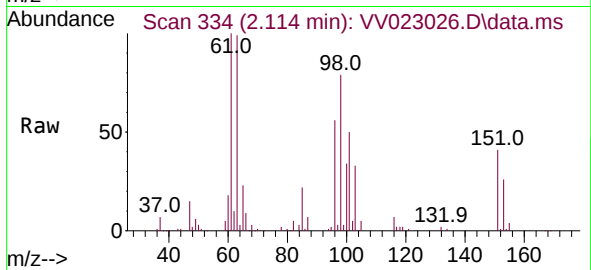




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.816 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

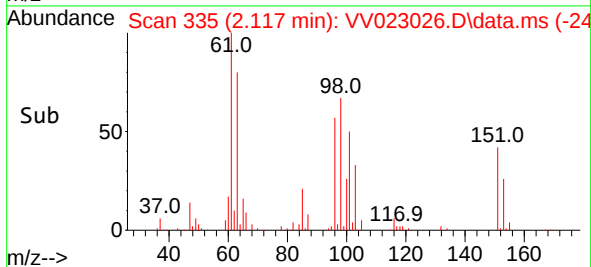
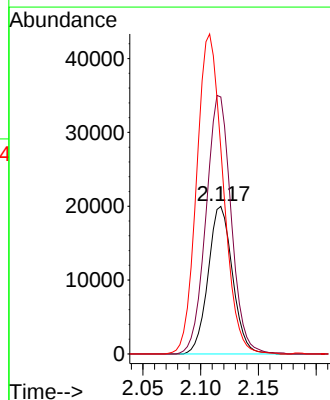
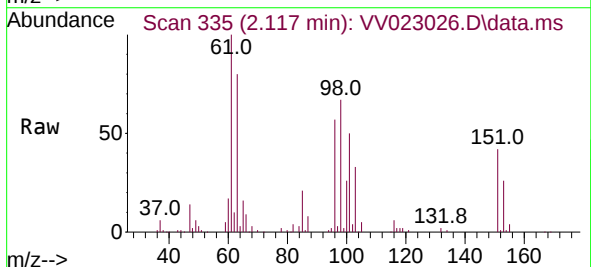
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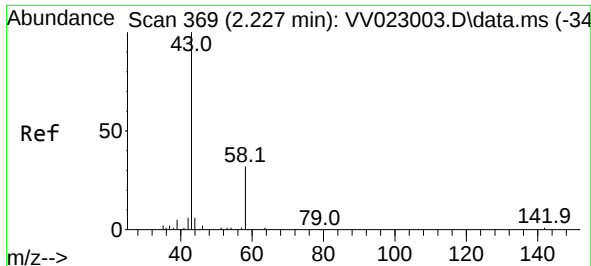
Tgt Ion:101 Resp: 29468
Ion Ratio Lower Upper
101 100
85 44.8 35.3 52.9
151 83.0 62.2 93.2



#12
1,1-Dichloroethene
Concen: 4.046 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

Tgt Ion: 96 Resp: 29355
Ion Ratio Lower Upper
96 100
61 174.1 121.5 225.7
63 139.0 99.6 185.0

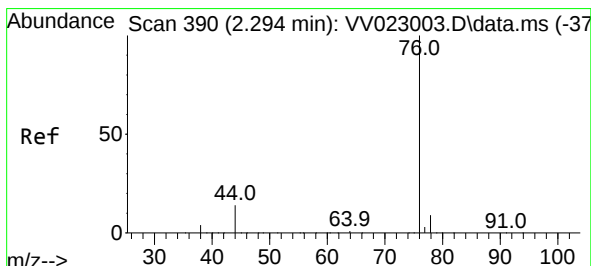
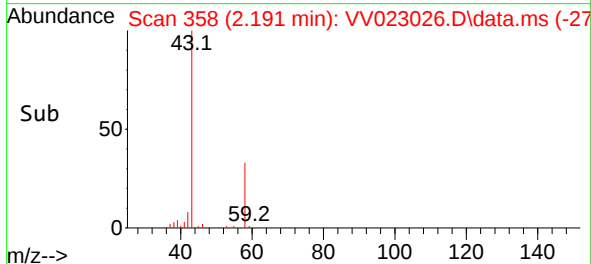
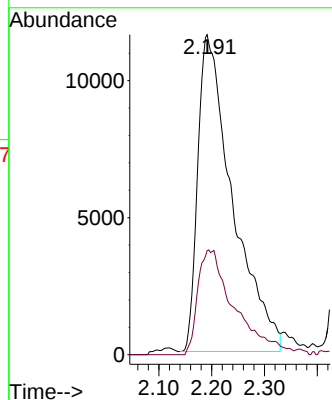
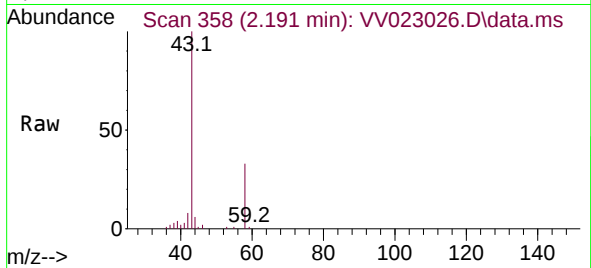




#13
Acetone
Concen: 54.153 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.035 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

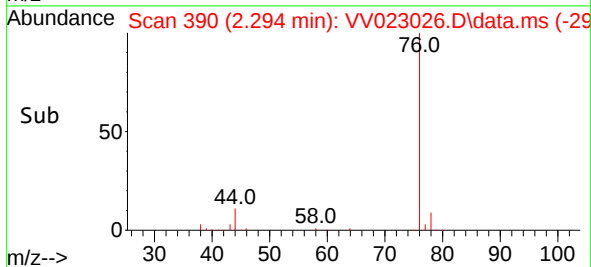
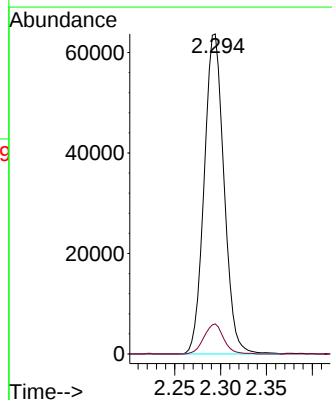
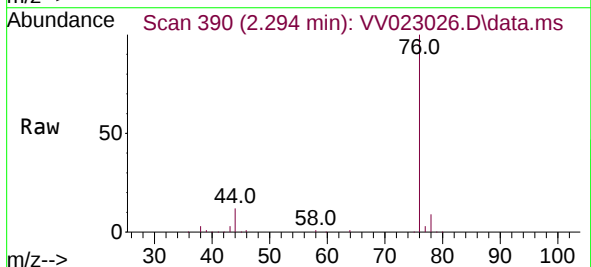
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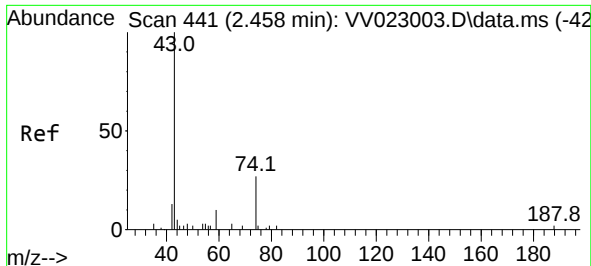
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Ion Ratio Lower Upper
43 100
58 34.9 0.0 55.4



#14
Carbon disulfide
Concen: 4.838 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 95589
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

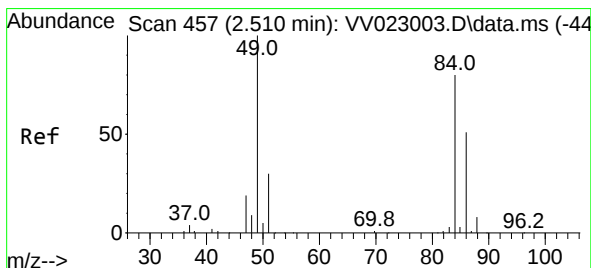
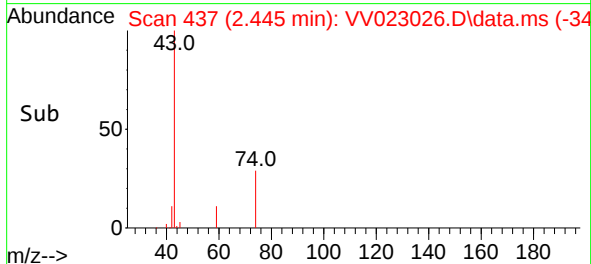
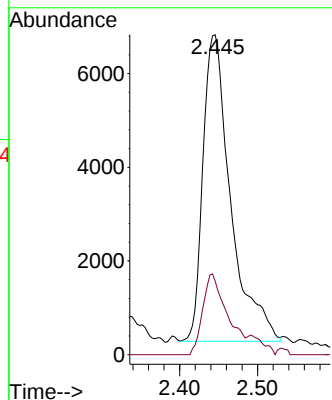
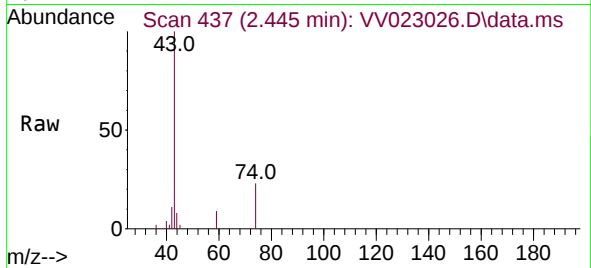




#15
Methyl Acetate
Concen: 4.366 ug/L
RT: 2.445 min Scan# 41
Delta R.T. -0.013 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

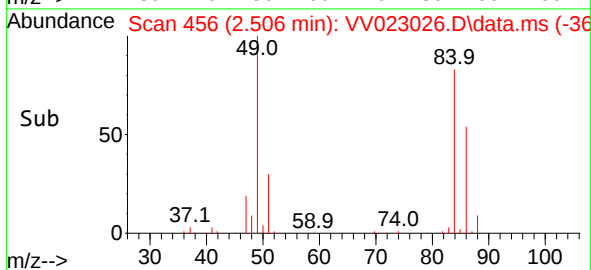
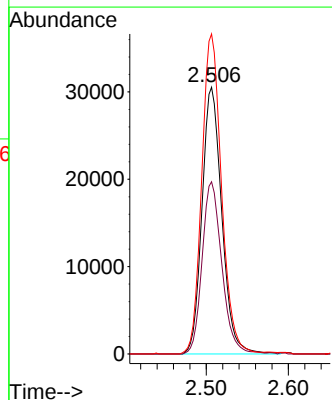
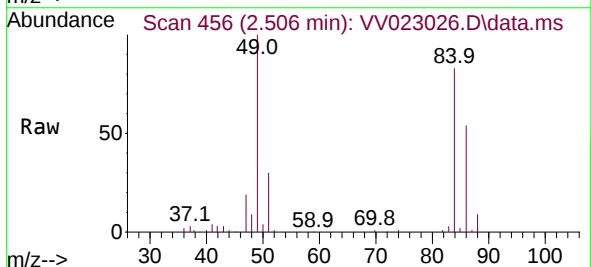
Instrument :
MSVOA_V
ClientSampleId :

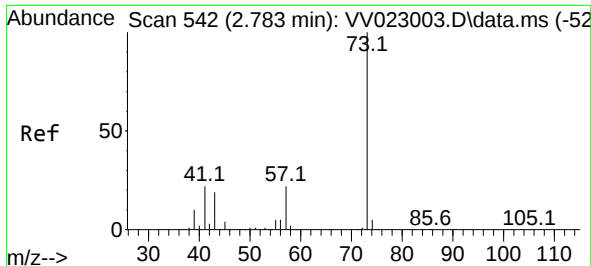
Tgt Ion: 43 Resp: 16184
Ion Ratio Lower Upper
43 100
74 23.1 22.2 33.2



#16
Methylene chloride
Concen: 6.441 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

Tgt Ion: 84 Resp: 51324
Ion Ratio Lower Upper
84 100
86 64.6 42.3 78.5
49 120.0 79.7 148.1





#17

Methyl tert-butyl Ether

Concen: 5.484 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.013 min

Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

Instrument :

MSVOA_V

ClientSampleId :

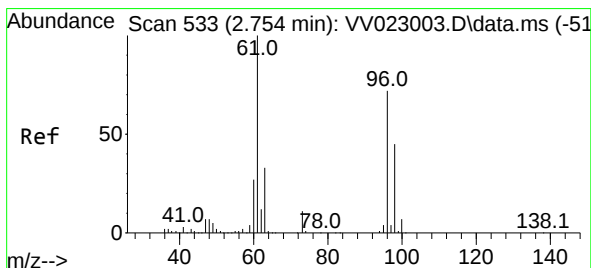
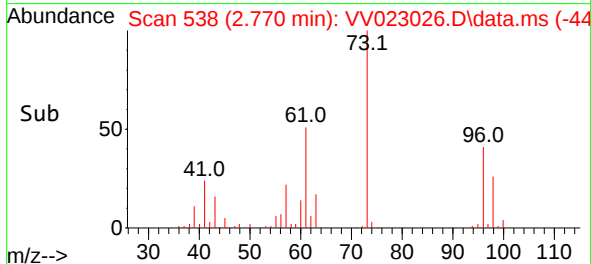
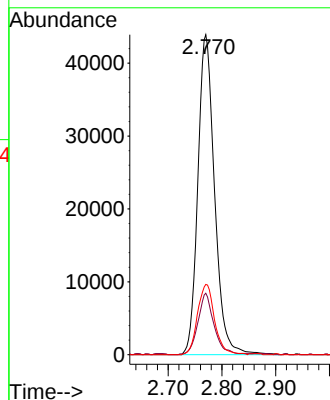
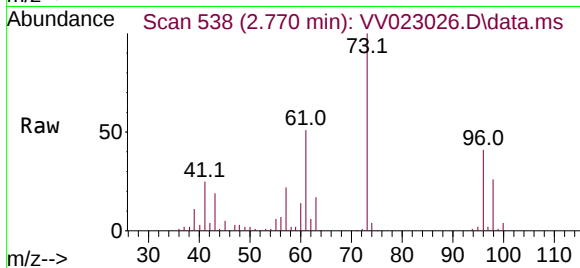
Tgt Ion: 73 Resp: 94985

Ion Ratio Lower Upper

73 100

43 18.4 17.4 26.0

57 22.4 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 5.864 ug/L

RT: 2.760 min Scan# 535

Delta R.T. 0.006 min

Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

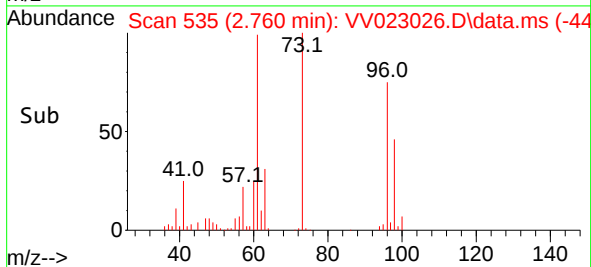
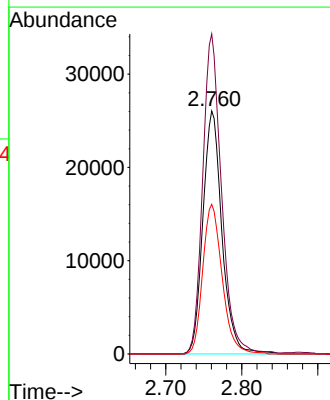
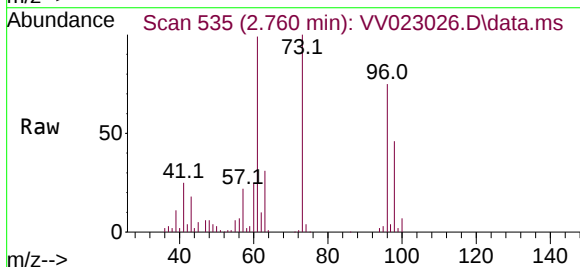
Tgt Ion: 96 Resp: 45421

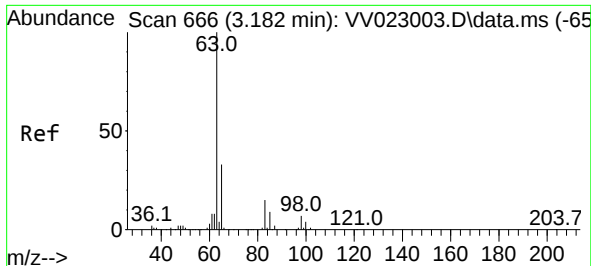
Ion Ratio Lower Upper

96 100

61 131.6 93.2 173.2

98 61.6 47.0 87.2





#19

1,1-Dichloroethane

Concen: 6.045 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.010 min

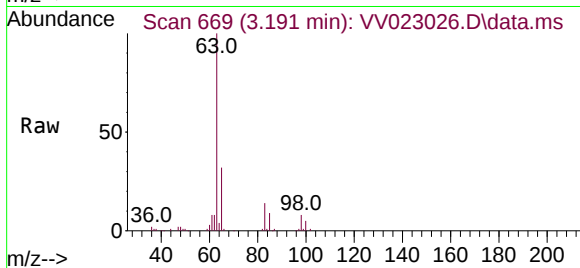
Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

Instrument :

MSVOA_V

ClientSampleId :



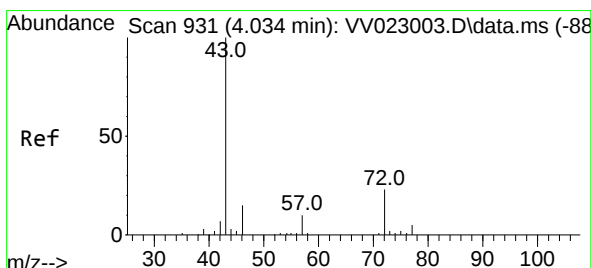
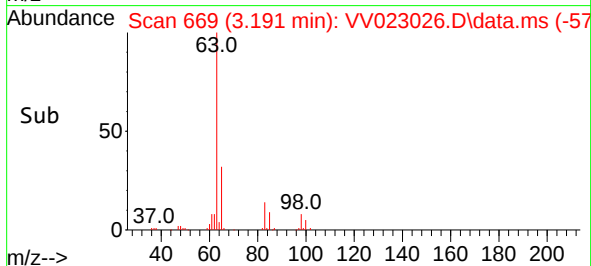
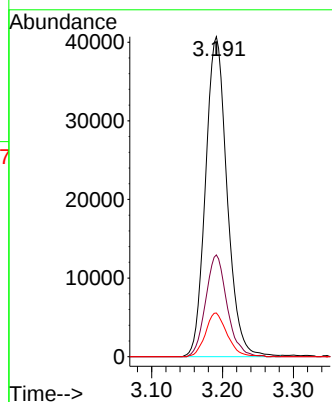
Tgt Ion: 63 Resp: 86026

Ion Ratio Lower Upper

63 100

65 31.8 22.6 42.0

83 13.7 11.1 20.7



#21

2-Butanone

Concen: 53.827 ug/L

RT: 3.985 min Scan# 916

Delta R.T. -0.048 min

Lab File: VV023026.D

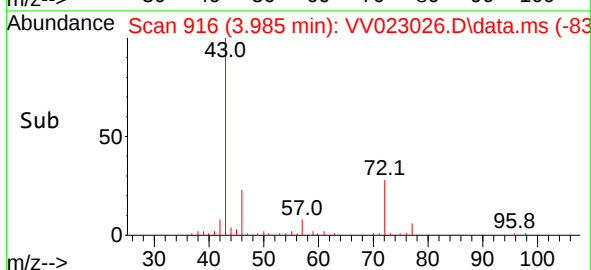
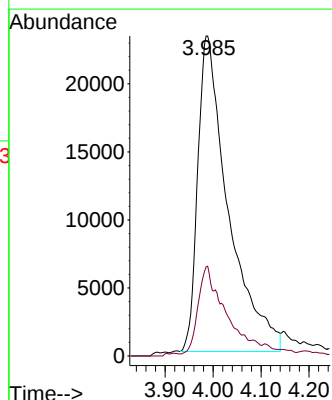
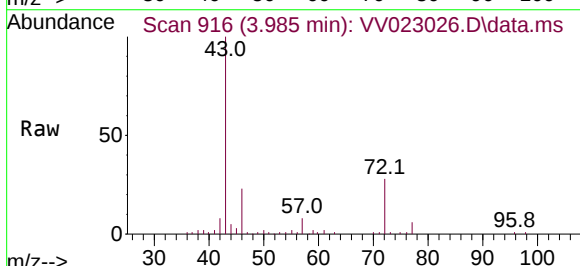
Acq: 23 Oct 2021 21:47

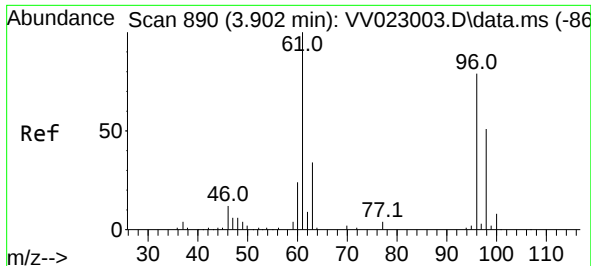
Tgt Ion: 43 Resp: 102686

Ion Ratio Lower Upper

43 100

72 23.4 11.9 35.9





#22

cis-1,2-Dichloroethene

Concen: 5.343 ug/L

RT: 3.915 min Scan# 89

Delta R.T. 0.013 min

Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

Instrument :

MSVOA_V

ClientSampleId :

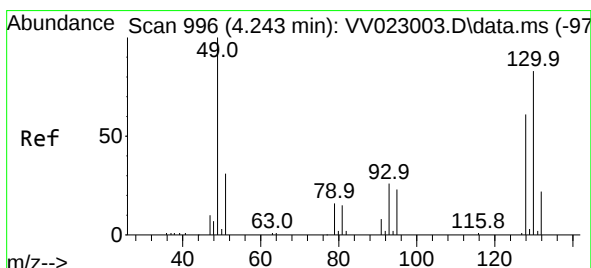
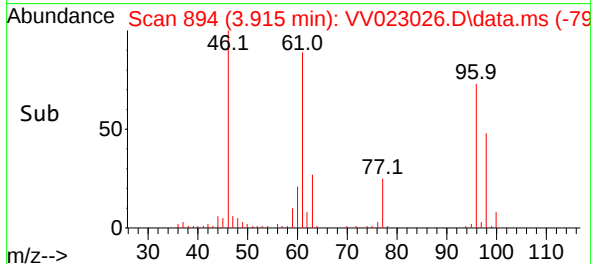
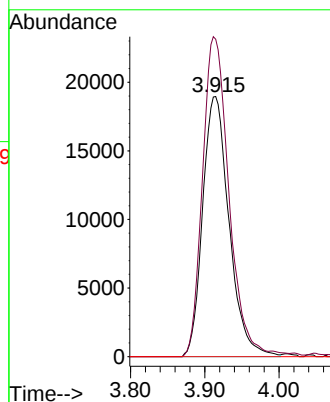
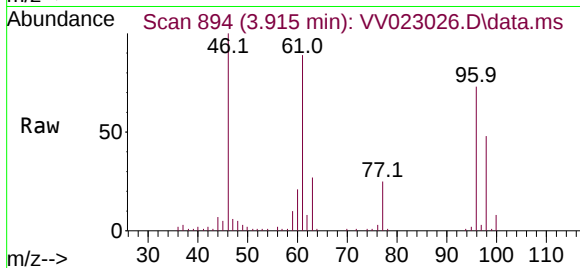
Tgt Ion: 96 Resp: 46914

Ion Ratio Lower Upper

96 100

61 122.0 92.3 171.3

68 0.0 0.4 0.8#



#23

Bromochloromethane

Concen: 5.656 ug/L

RT: 4.256 min Scan# 1000

Delta R.T. 0.013 min

Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

Tgt Ion:128 Resp: 22546

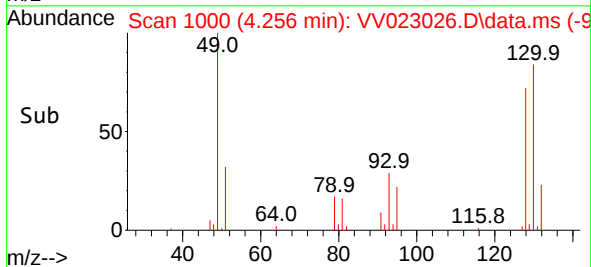
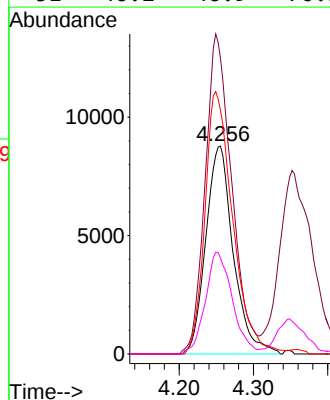
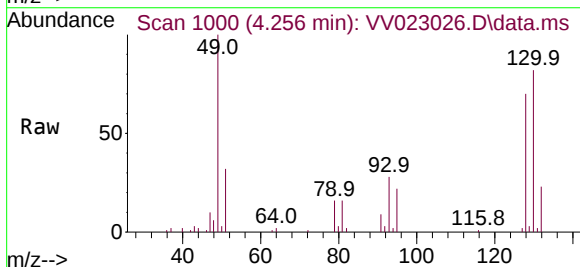
Ion Ratio Lower Upper

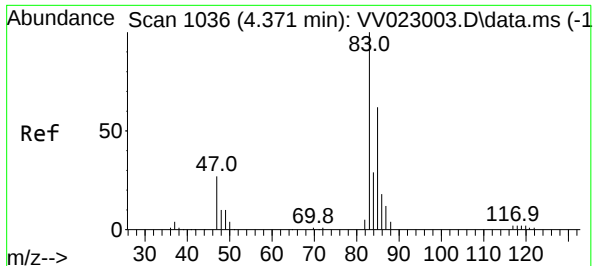
128 100

49 142.1 126.1 234.3

130 117.2 95.2 176.8

51 46.2 46.9 70.3#

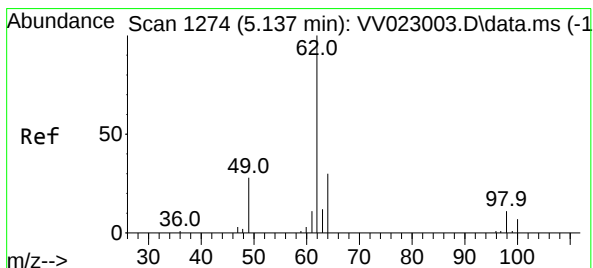
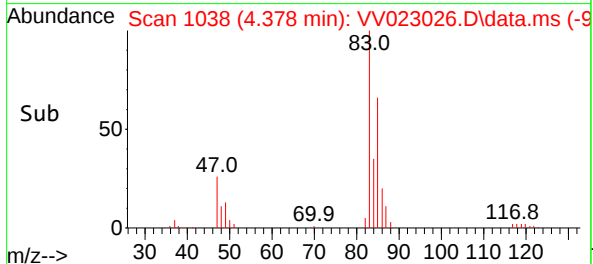
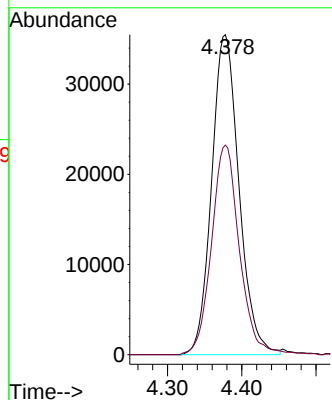
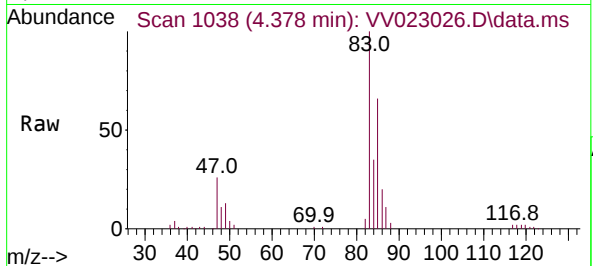




#25
Chloroform
Concen: 4.839 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

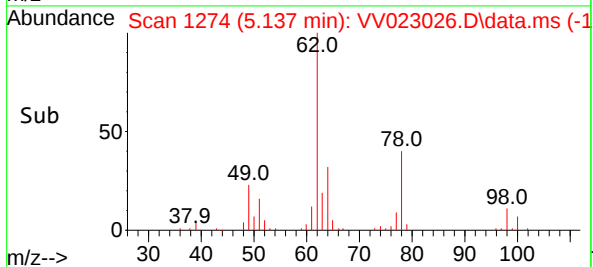
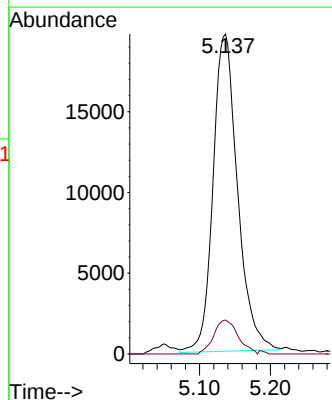
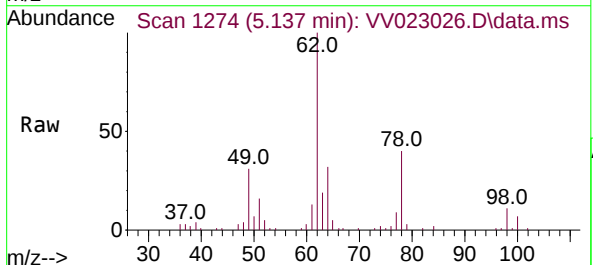
Instrument :
MSVOA_V
ClientSampleId :

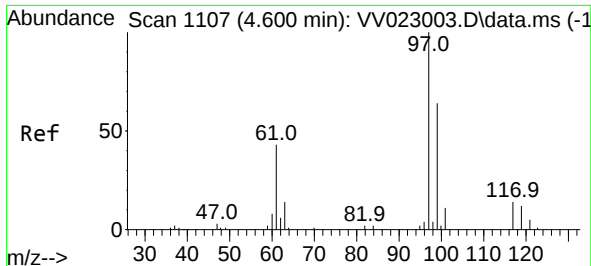
Tgt Ion: 83 Resp: 90981
Ion Ratio Lower Upper
83 100
85 65.5 46.8 86.8



#27
1,2-Dichloroethane
Concen: 4.761 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

Tgt Ion: 62 Resp: 47209
Ion Ratio Lower Upper
62 100
98 10.6 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.601 ug/L

RT: 4.609 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

Instrument :

MSVOA_V

ClientSampleId :

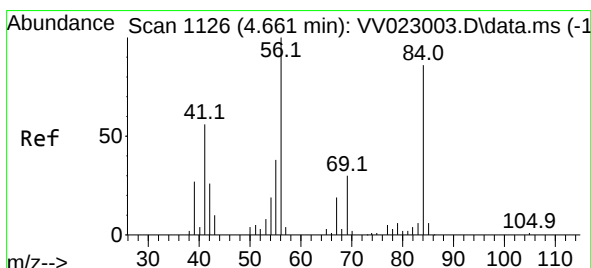
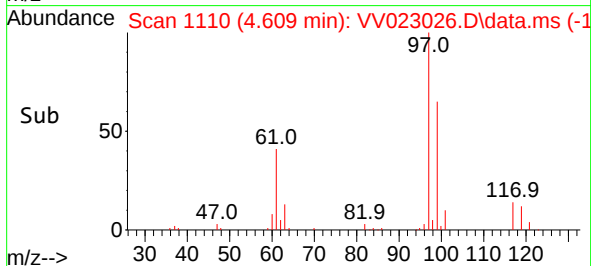
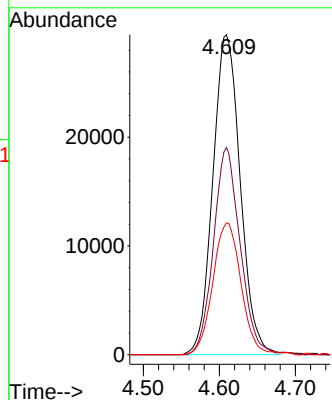
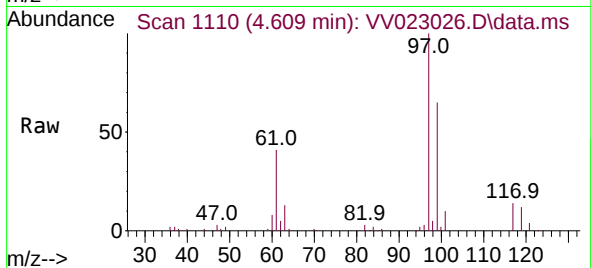
Tgt Ion: 97 Resp: 73674

Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.4

61 42.5 34.1 51.1



#30

Cyclohexane

Concen: 3.961 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.016 min

Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

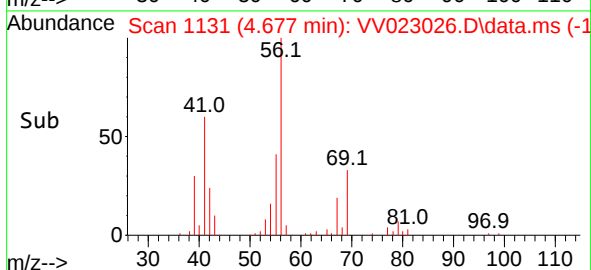
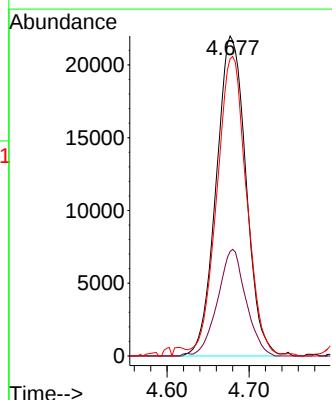
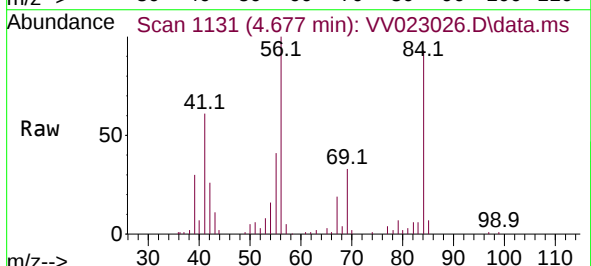
Tgt Ion: 56 Resp: 55375

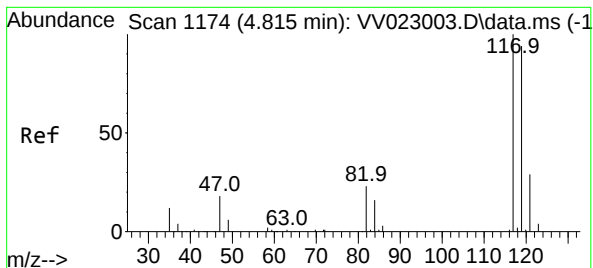
Ion Ratio Lower Upper

56 100

69 31.6 23.5 35.3

84 91.8 71.6 107.4





#31

Carbon tetrachloride

Concen: 4.573 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.016 min

Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

Instrument :

MSVOA_V

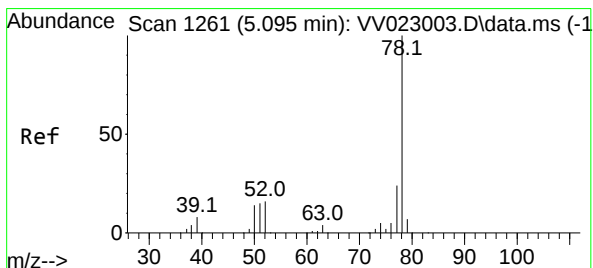
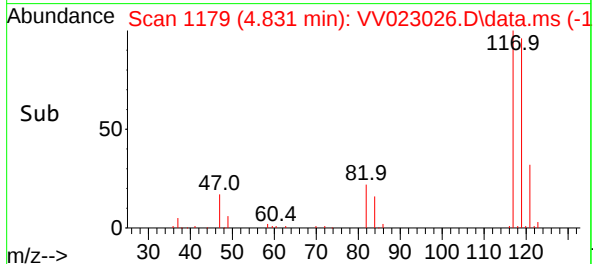
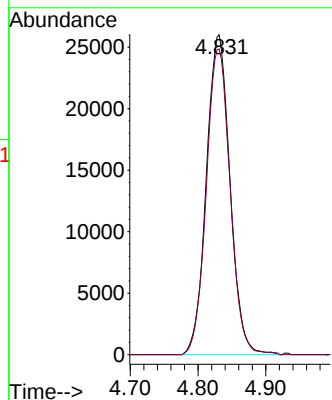
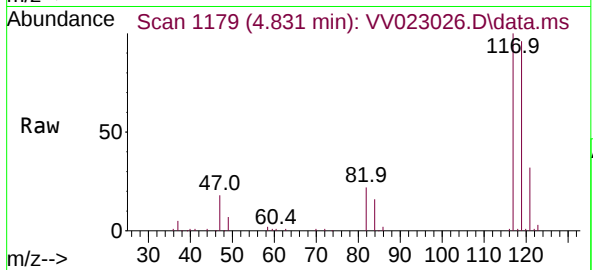
ClientSampleId :

Tgt Ion:117 Resp: 63008

Ion Ratio Lower Upper

117 100

119 96.5 78.8 118.2



#33

Benzene

Concen: 4.858 ug/L

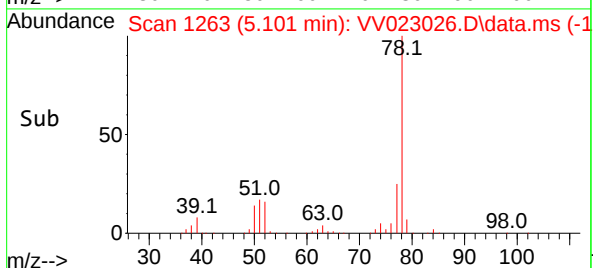
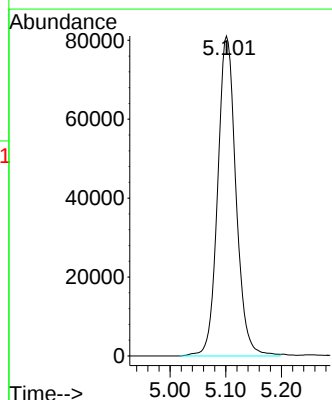
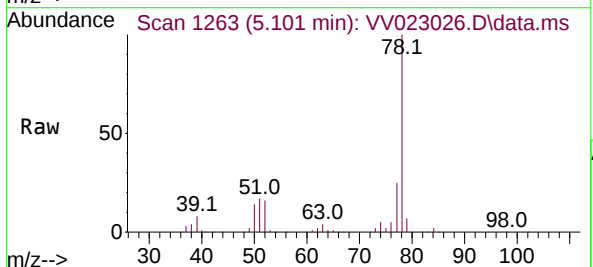
RT: 5.101 min Scan# 1263

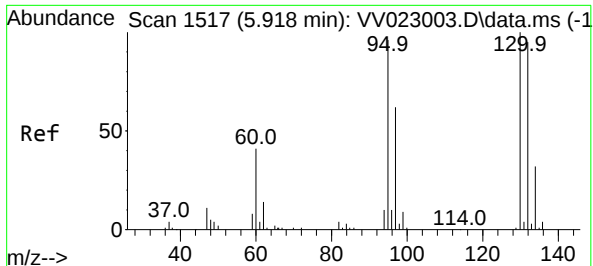
Delta R.T. 0.006 min

Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

Tgt Ion: 78 Resp: 185248

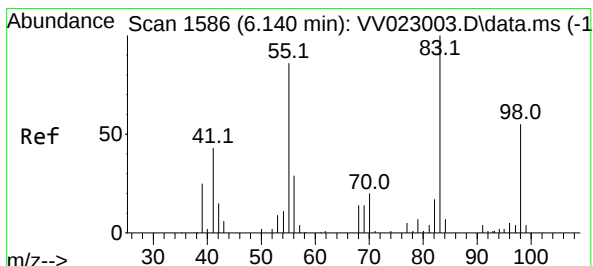
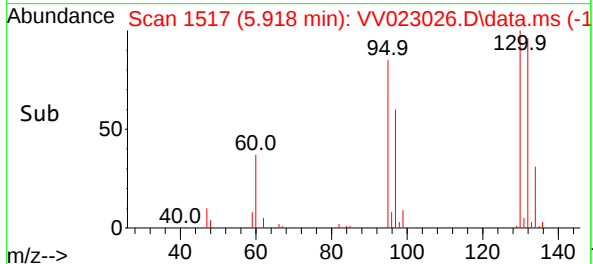
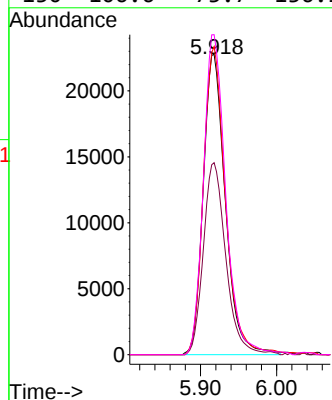
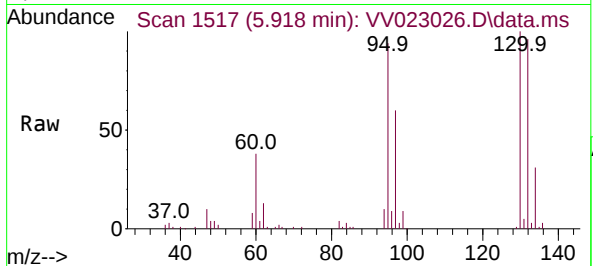




#34
Trichloroethene
Concen: 4.795 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

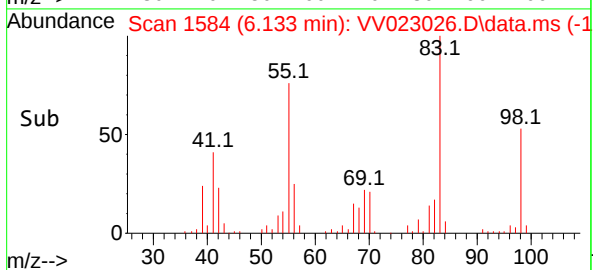
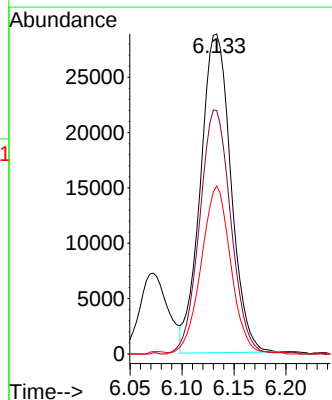
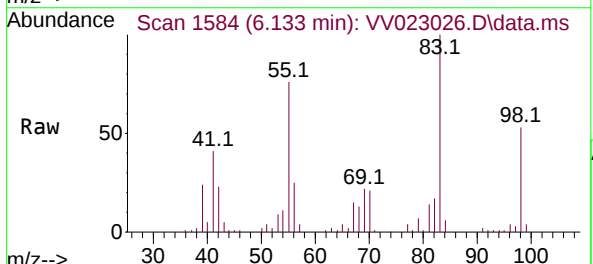
Instrument :
MSVOA_V
ClientSampleId :

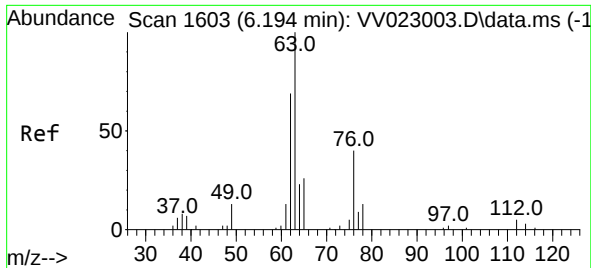
Tgt Ion: 95 Resp: 45928
Ion Ratio Lower Upper
95 100
97 64.0 45.0 83.6
132 102.7 69.7 129.4
130 106.6 73.7 136.9



#35
Methylcyclohexane
Concen: 4.274 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.006 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

Tgt Ion: 83 Resp: 58620
Ion Ratio Lower Upper
83 100
55 78.7 62.8 94.2
98 51.5 37.9 56.9





#37

1,2-Dichloropropane

Concen: 4.756 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.019 min

Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

Instrument :

MSVOA_V

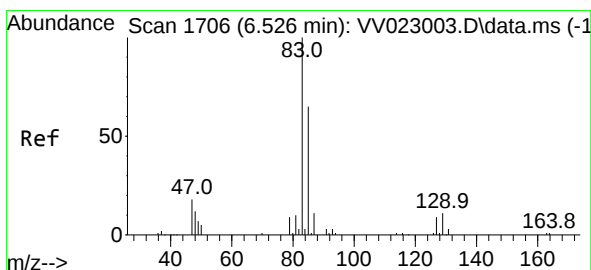
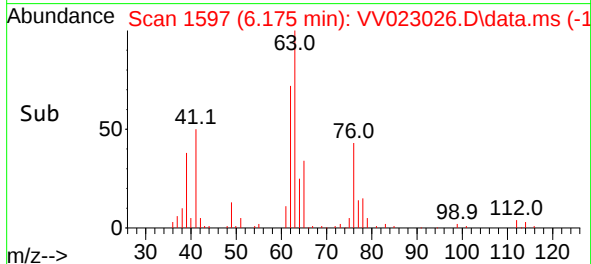
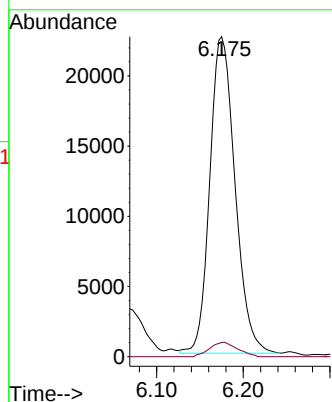
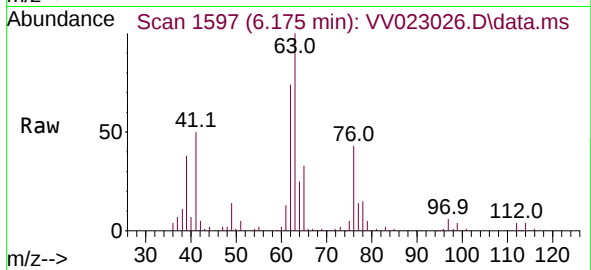
ClientSampleId :

Tgt Ion: 63 Resp: 45706

Ion Ratio Lower Upper

63 100

112 5.0 4.6 6.8



#38

Bromodichloromethane

Concen: 4.930 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.013 min

Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

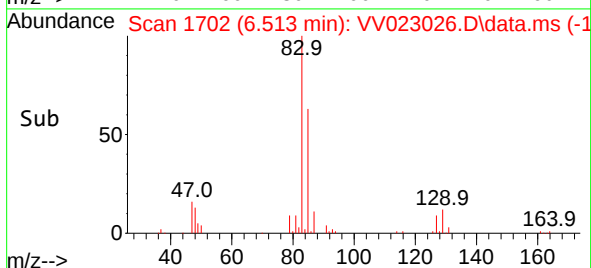
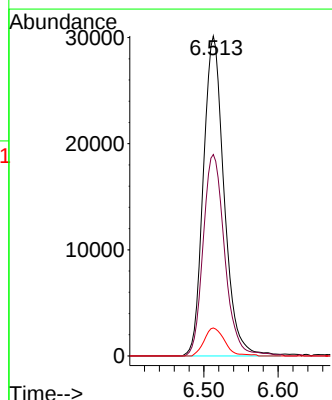
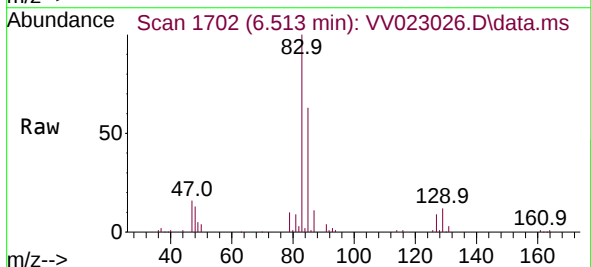
Tgt Ion: 83 Resp: 58452

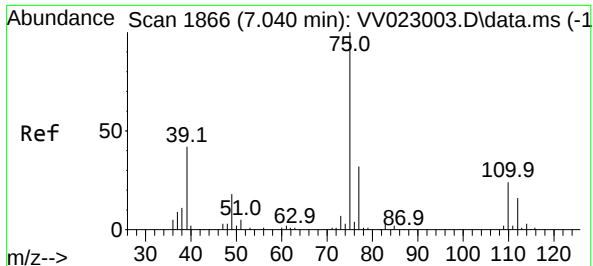
Ion Ratio Lower Upper

83 100

85 63.0 46.1 85.7

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.886 ug/L

RT: 7.030 min Scan# 1866

Delta R.T. -0.010 min

Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

Instrument :

MSVOA_V

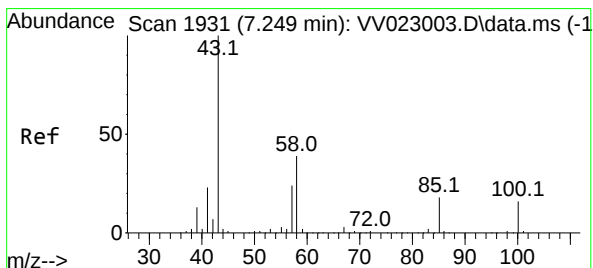
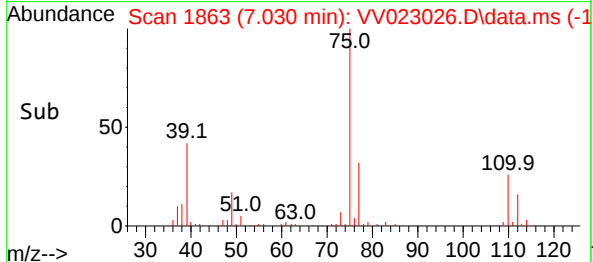
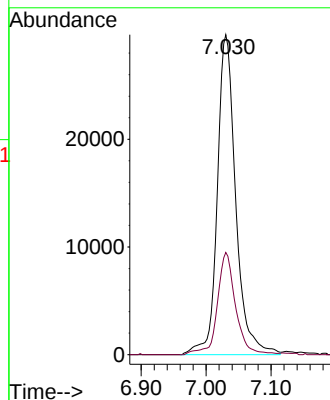
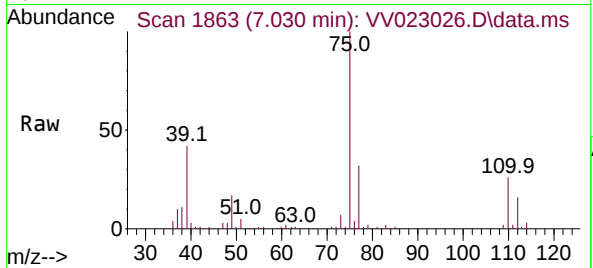
ClientSampleId :

Tgt Ion: 75 Resp: 58470

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 57.645 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.019 min

Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

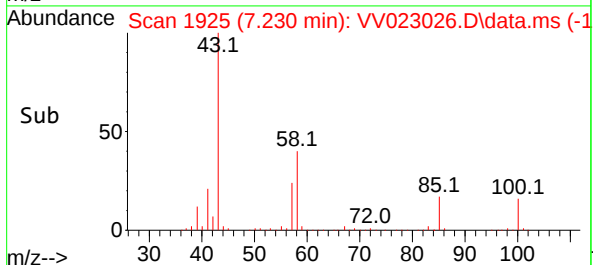
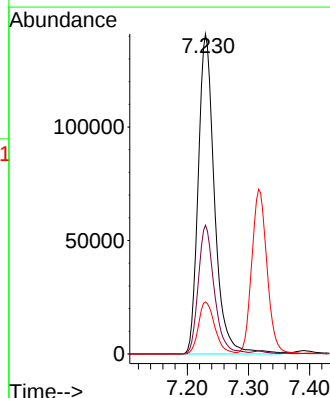
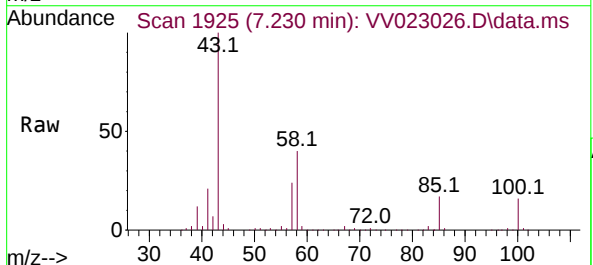
Tgt Ion: 43 Resp: 260821

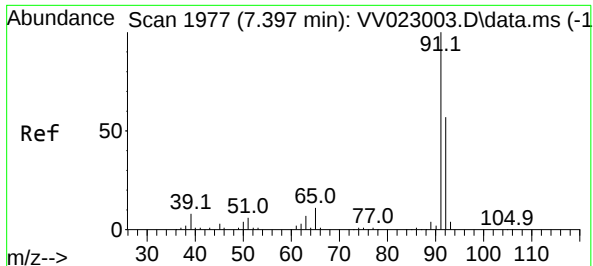
Ion Ratio Lower Upper

43 100

58 39.7 31.1 46.7

100 16.3 12.6 19.0





#42

Toluene

Concen: 5.240 ug/L

RT: 7.390 min Scan# 1977

Delta R.T. -0.006 min

Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

Instrument :

MSVOA_V

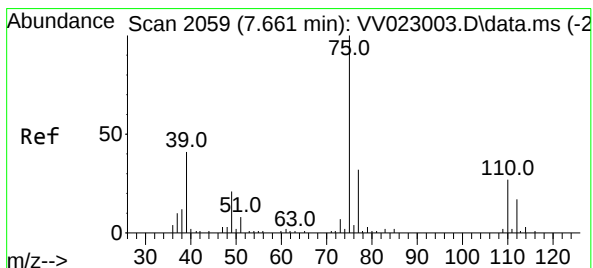
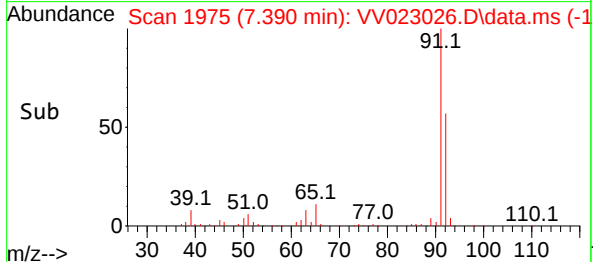
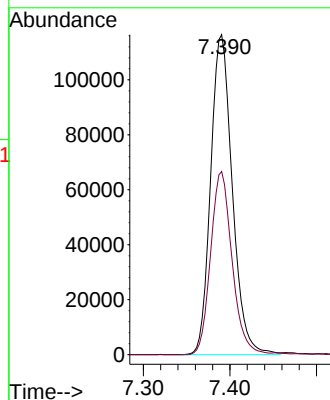
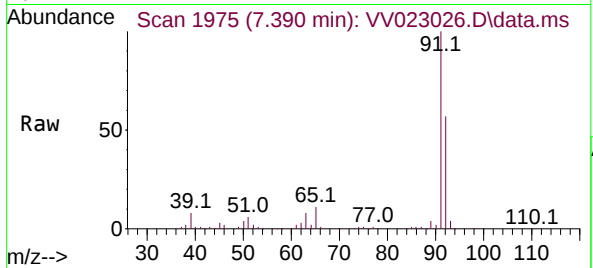
ClientSampleId :

Tgt Ion: 91 Resp: 202469

Ion Ratio Lower Upper

91 100

92 57.2 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.074 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VV023026.D

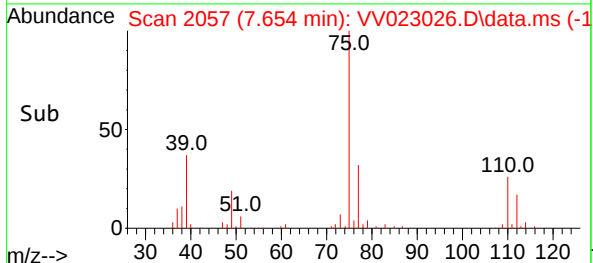
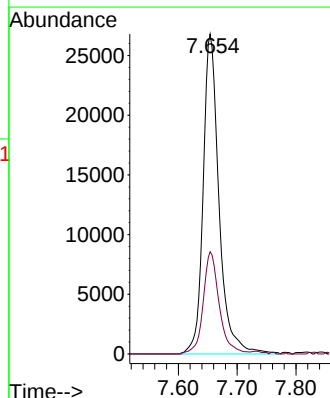
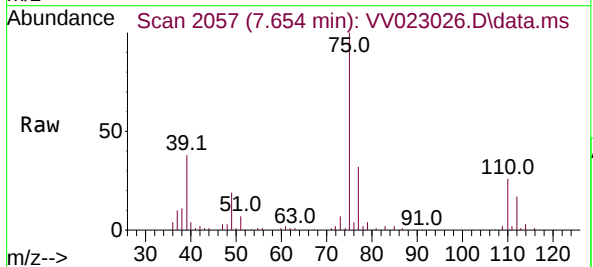
Acq: 23 Oct 2021 21:47

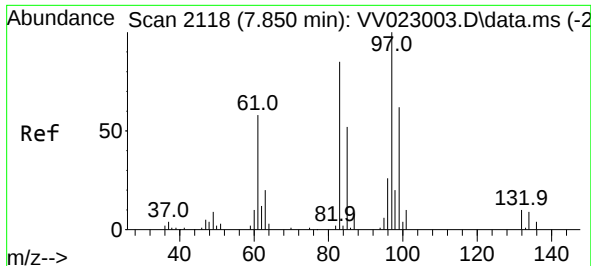
Tgt Ion: 75 Resp: 50233

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.7

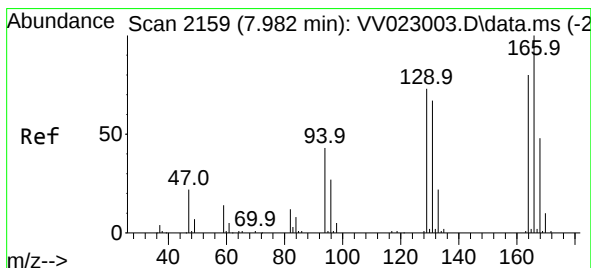
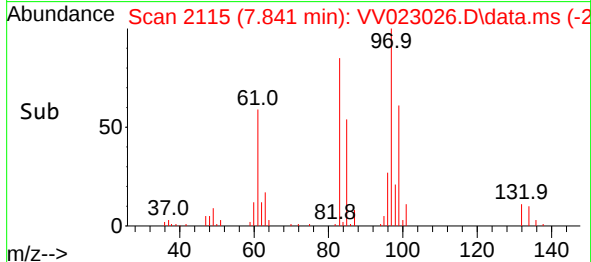
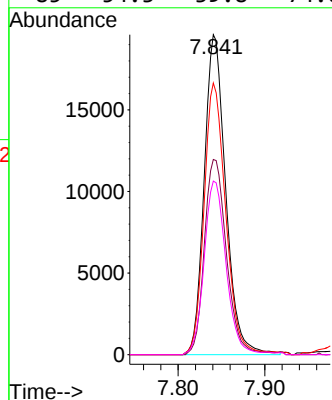
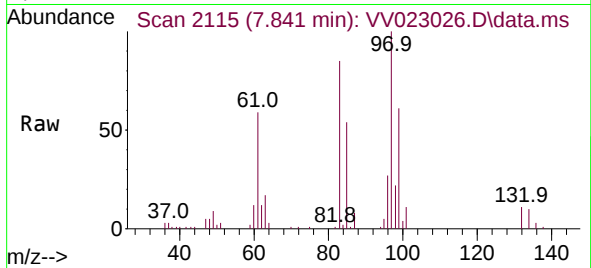




#45
1,1,2-Trichloroethane
Concen: 5.035 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.010 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

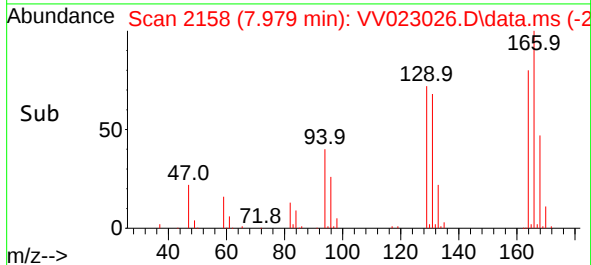
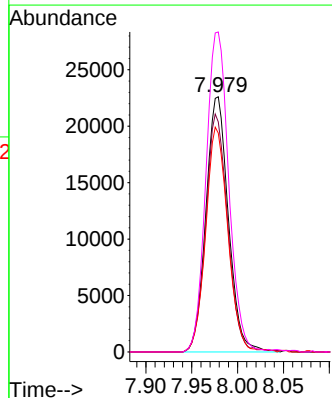
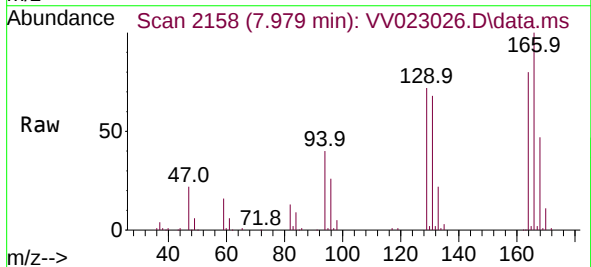
Instrument :
MSVOA_V
ClientSampleId :

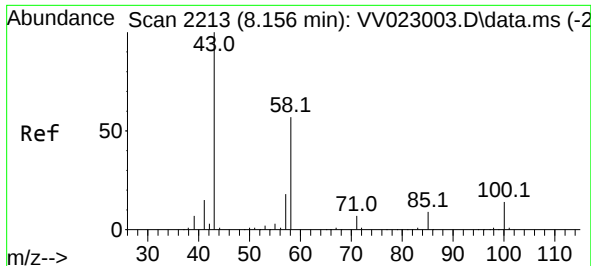
Tgt Ion: 97	Resp: 33852
Ion Ratio	Lower Upper
97 100	
99 61.0	43.6 81.0
83 84.9	58.4 108.4
85 54.3	39.8 74.0



#47
Tetrachloroethene
Concen: 4.767 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

Tgt	Ion:164	Resp:	38577
Ion	Ratio	Lower	Upper
164	100		
129	90.2	64.0	119.0
131	85.8	63.4	117.8
166	125.4	89.3	165.9

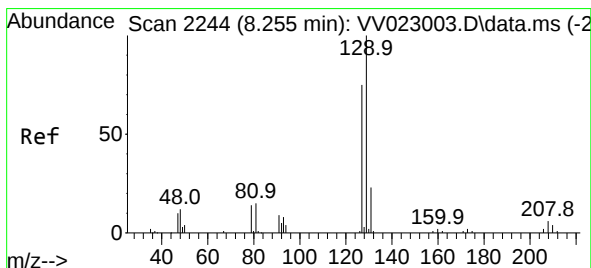
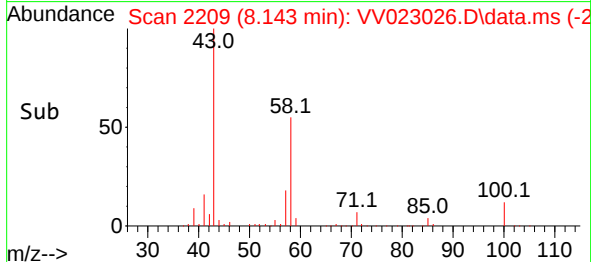
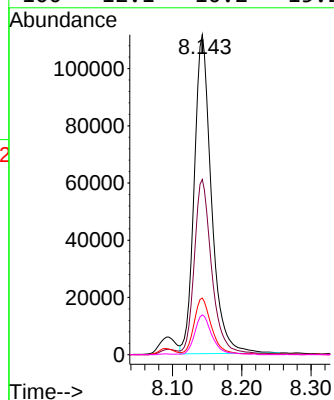
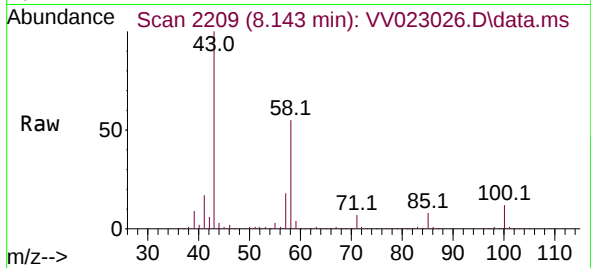




#48
2-Hexanone
Concen: 57.432 ug/L
RT: 8.143 min Scan# 21
Delta R.T. -0.013 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

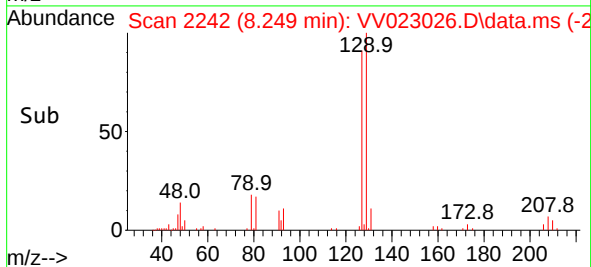
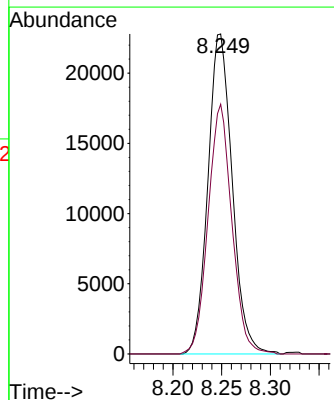
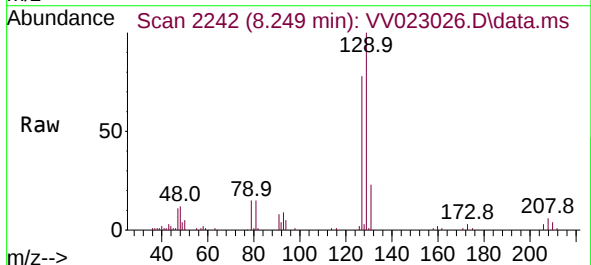
Instrument :
MSVOA_V
ClientSampleId :

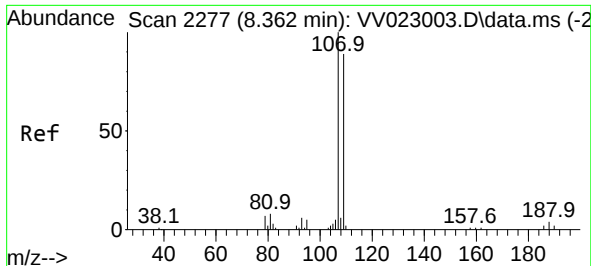
Tgt Ion: 43 Resp: 192898
Ion Ratio Lower Upper
43 100
58 55.8 43.7 65.5
57 17.4 14.1 21.1
100 12.1 10.2 15.2



#49
Dibromochloromethane
Concen: 4.945 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.006 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

Tgt Ion:129 Resp: 39564
Ion Ratio Lower Upper
129 100
127 78.0 54.7 101.7





#50

1,2-Dibromoethane

Concen: 5.128 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.006 min

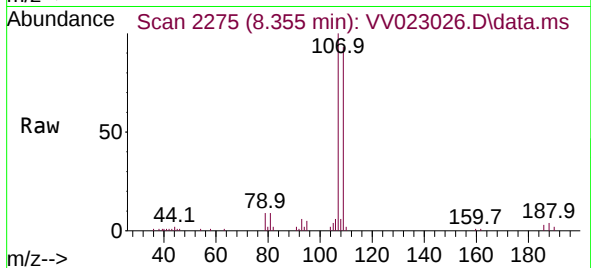
Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

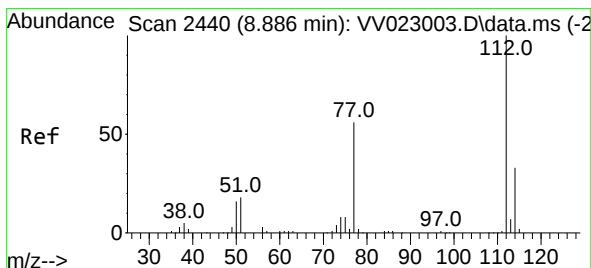
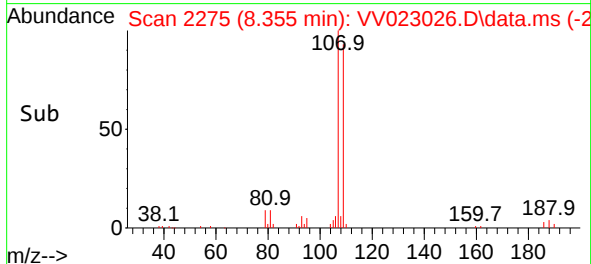
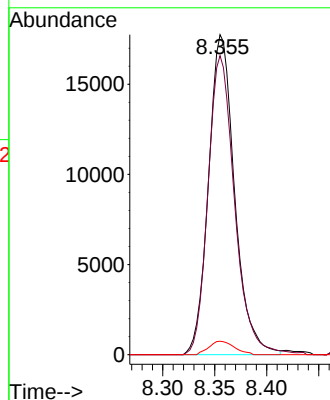
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	31040
Ion	Ratio	Lower	Upper
107	100		
109	93.5	64.7	120.1
188	4.2	3.6	5.4



#51

Chlorobenzene

Concen: 4.961 ug/L

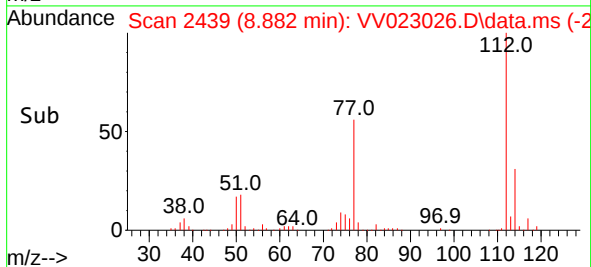
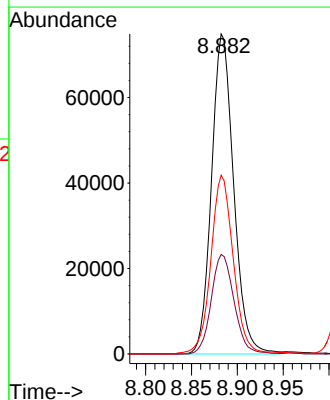
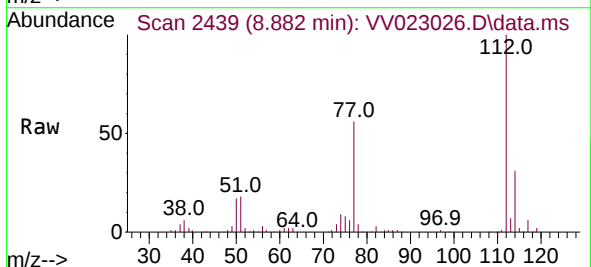
RT: 8.882 min Scan# 2439

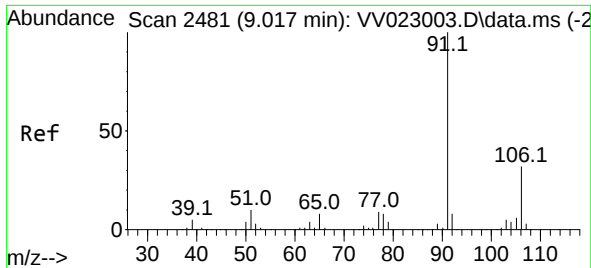
Delta R.T. -0.003 min

Lab File: VV023026.D

Acq: 23 Oct 2021 21:47

Tgt Ion:	112	Resp:	125933
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.0	40.8
77	55.9	44.4	66.6

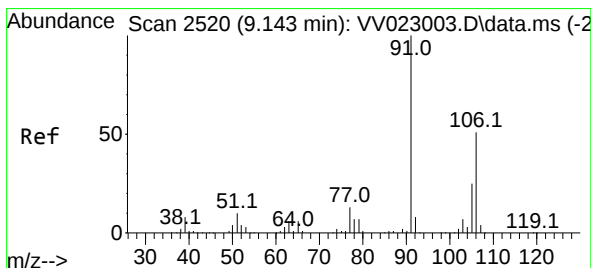
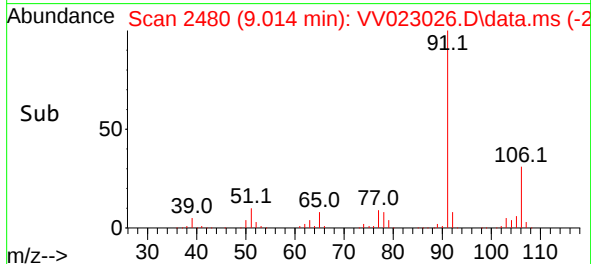
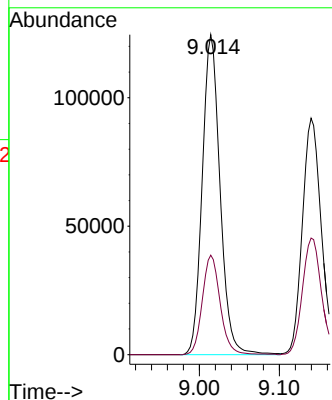
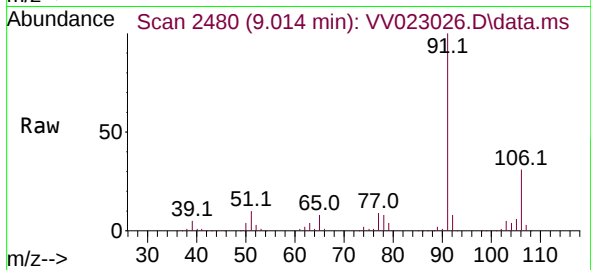




#52
Ethylbenzene
Concen: 5.048 ug/L
RT: 9.014 min Scan# 2481
Delta R.T. -0.003 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

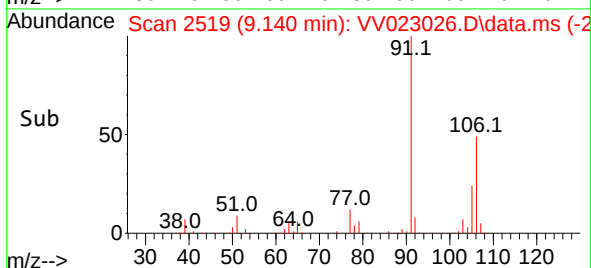
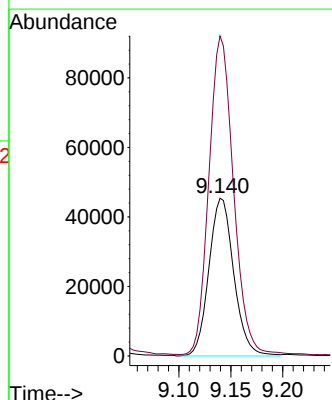
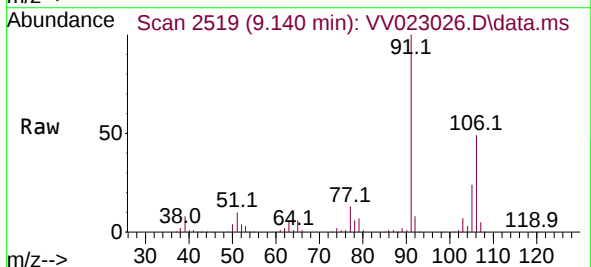
Instrument :
MSVOA_V
ClientSampleId :

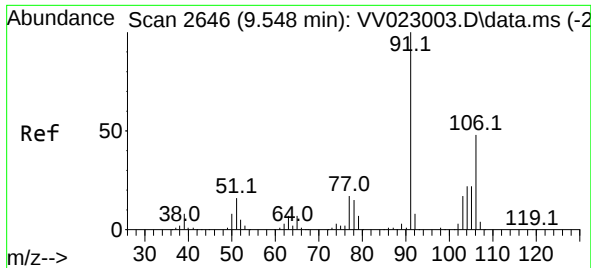
Tgt Ion: 91 Resp: 193604
Ion Ratio Lower Upper
91 100
106 31.1 22.5 41.9



#53
m,p-xylene
Concen: 4.925 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

Tgt Ion: 106 Resp: 75756
Ion Ratio Lower Upper
106 100
91 202.7 137.2 254.8

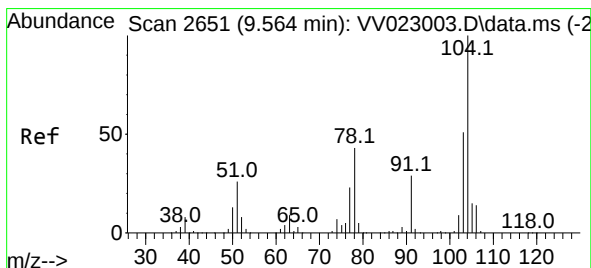
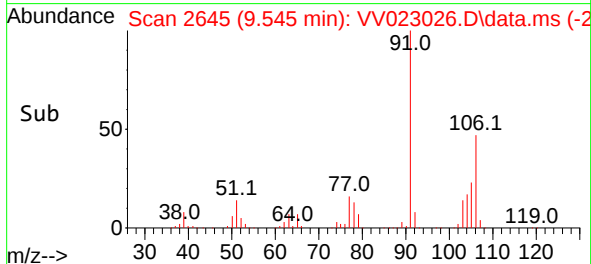
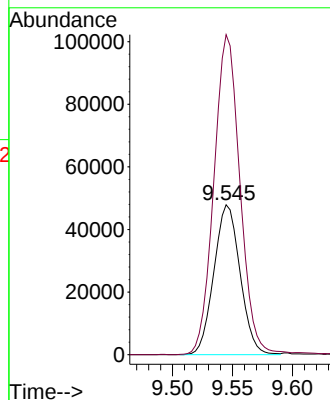
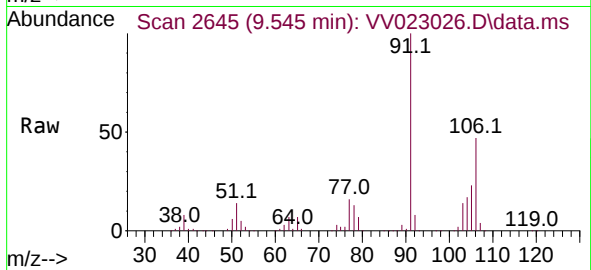




#54
o-xylene
Concen: 5.020 ug/L
RT: 9.545 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

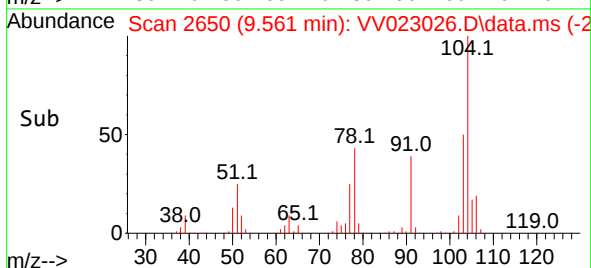
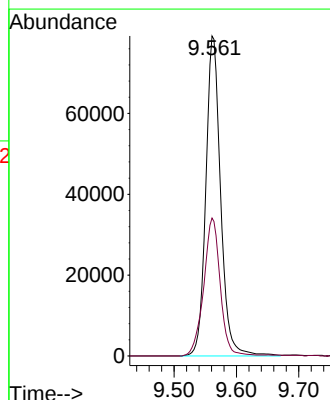
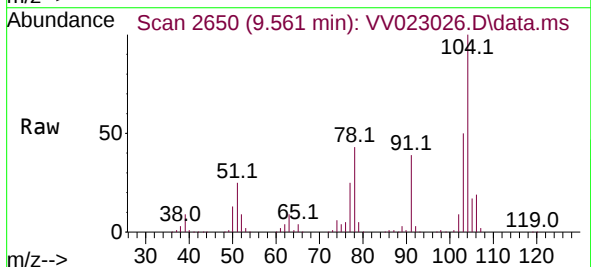
Instrument :
MSVOA_V
ClientSampleId :

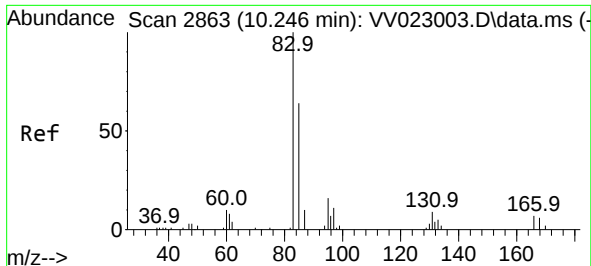
Tgt Ion:106 Resp: 72686
Ion Ratio Lower Upper
106 100
91 213.5 148.3 275.5



#55
Styrene
Concen: 5.233 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.003 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

Tgt Ion:104 Resp: 130843
Ion Ratio Lower Upper
104 100
78 43.1 29.3 54.3

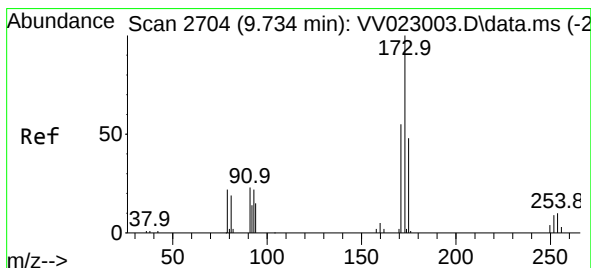
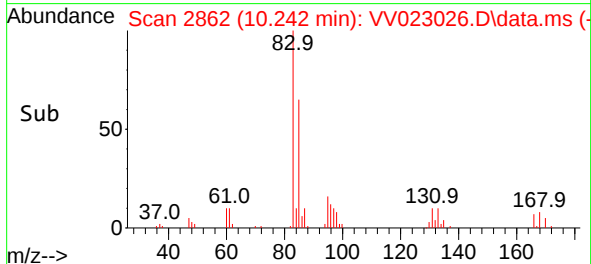
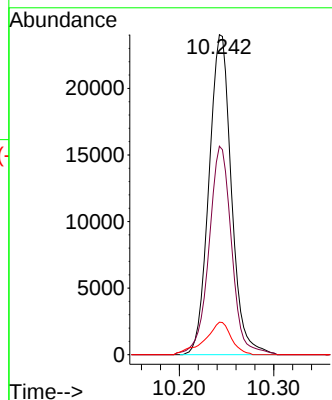
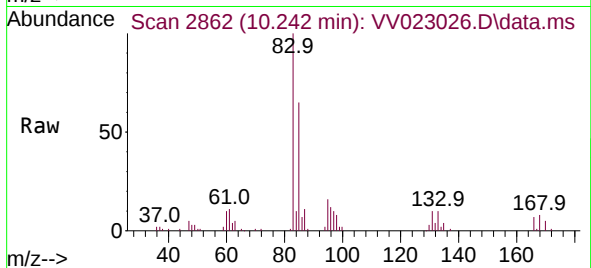




#57
1,1,2,2-Tetrachloroethane
Concen: 5.269 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.003 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

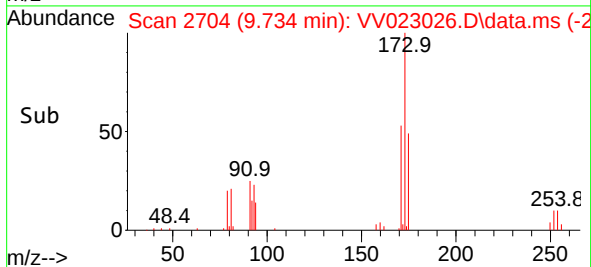
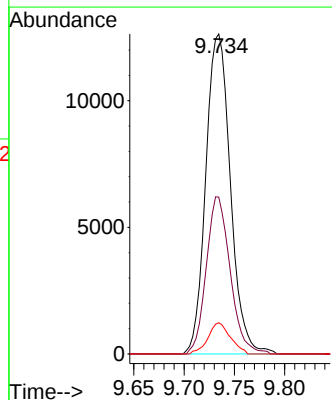
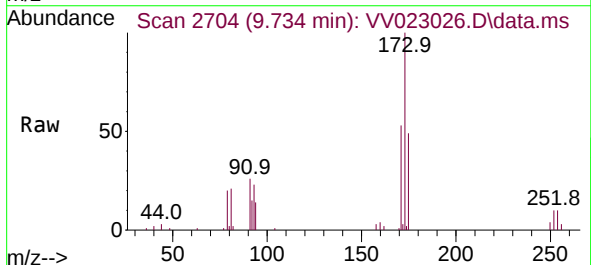
Instrument :
MSVOA_V
ClientSampleId :

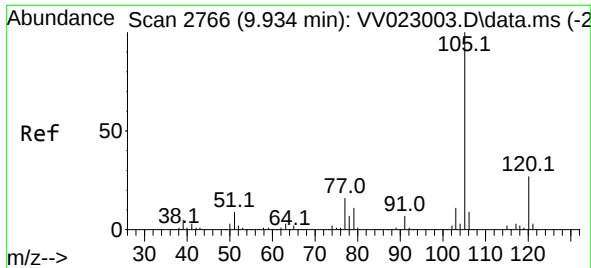
Tgt Ion: 83 Resp: 39598
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.9
131 10.1 7.8 11.6



#59
Bromoform
Concen: 4.862 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

Tgt Ion: 173 Resp: 21528
Ion Ratio Lower Upper
173 100
175 47.8 38.2 57.2
254 8.9 6.2 9.2

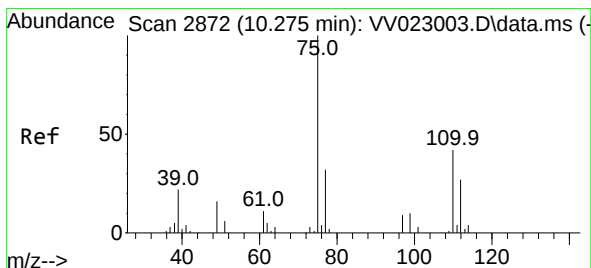
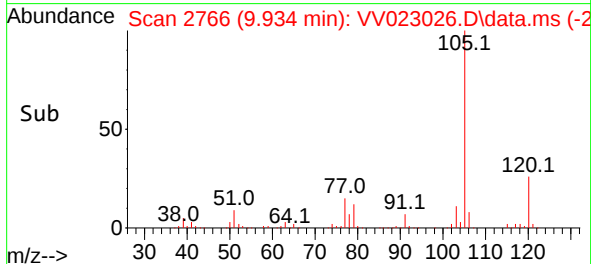
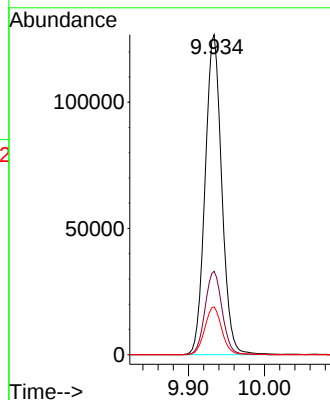
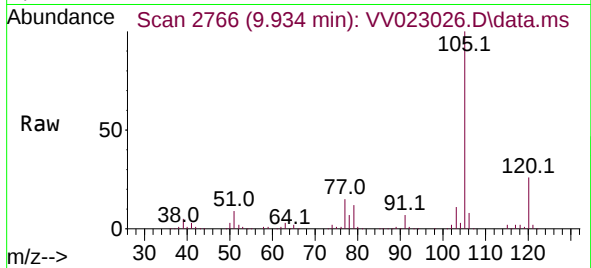




#60
Isopropylbenzene
Concen: 5.018 ug/L
RT: 9.934 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

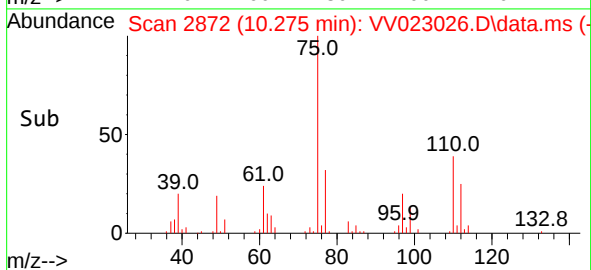
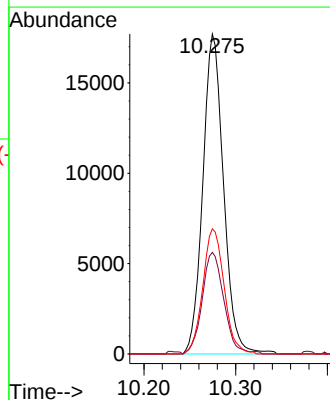
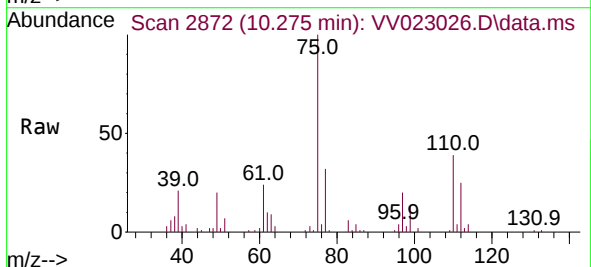
Instrument :
MSVOA_V
ClientSampleId :

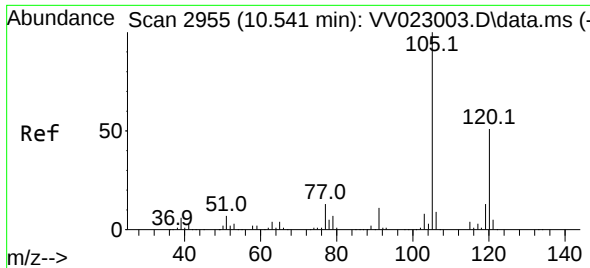
Tgt Ion:105 Resp: 192842
Ion Ratio Lower Upper
105 100
120 26.8 21.7 32.5
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.198 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

Tgt Ion: 75 Resp: 27801
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8
110 40.2 31.8 47.6

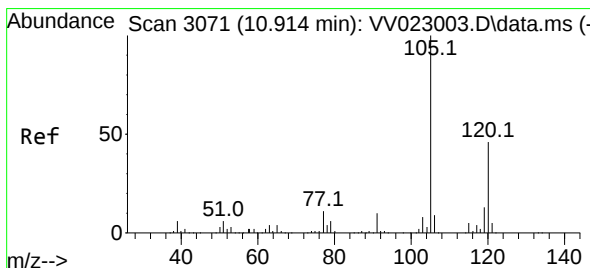
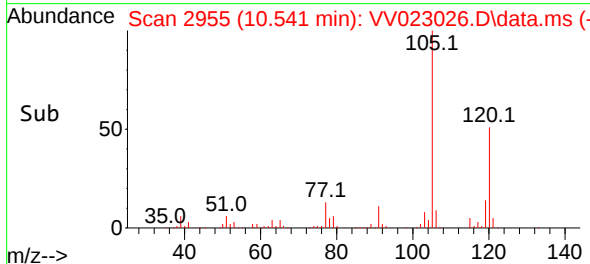
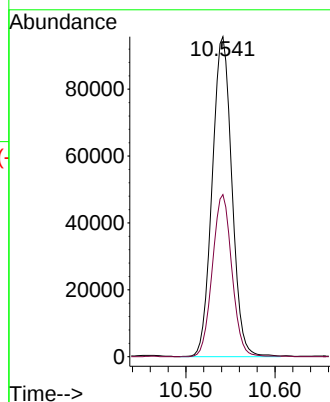
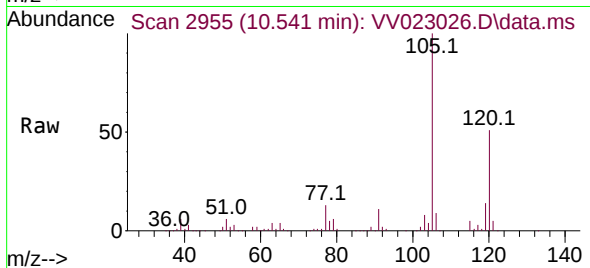




#62
 1,3,5-Trimethylbenzene
 Concen: 4.759 ug/L
 RT: 10.541 min Scan# 2955
 Delta R.T. -0.000 min
 Lab File: VV023026.D
 Acq: 23 Oct 2021 21:47

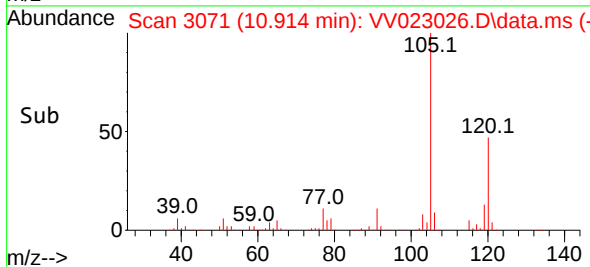
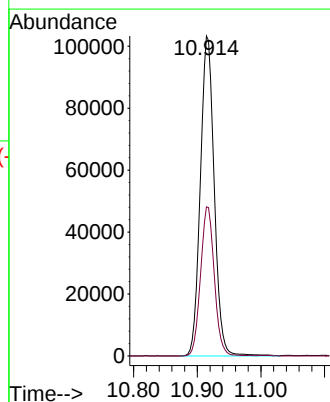
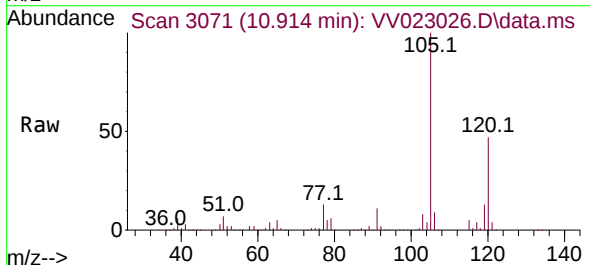
Instrument :
 MSVOA_V
 ClientSampleId :

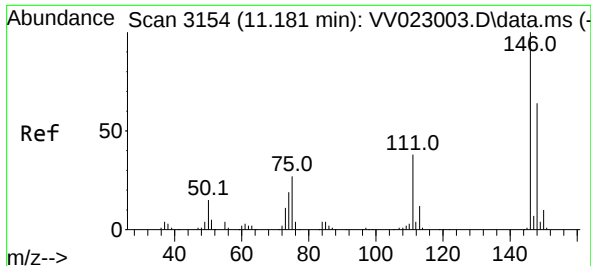
Tgt Ion:105 Resp: 146901
 Ion Ratio Lower Upper
 105 100
 120 50.3 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.088 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV023026.D
 Acq: 23 Oct 2021 21:47

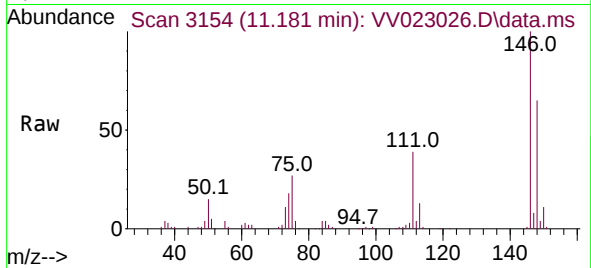
Tgt Ion:105 Resp: 156755
 Ion Ratio Lower Upper
 105 100
 120 46.1 37.4 56.2



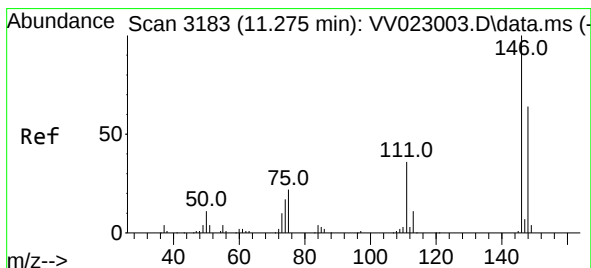
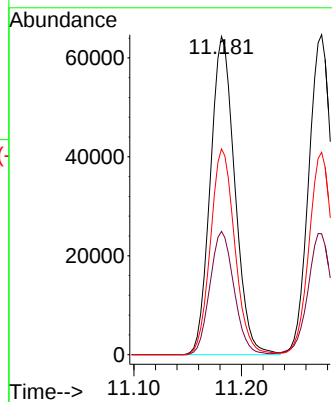
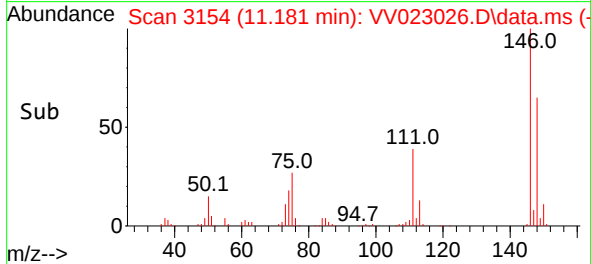


#64
1,3-Dichlorobenzene
Concen: 5.040 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

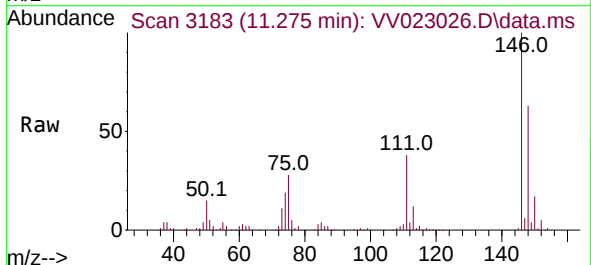
Instrument :
MSVOA_V
ClientSampleId :



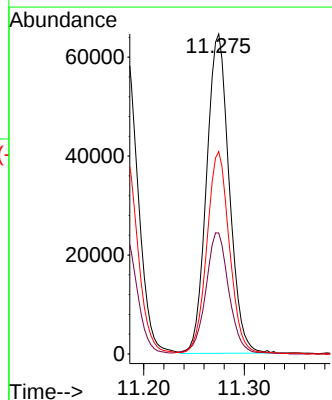
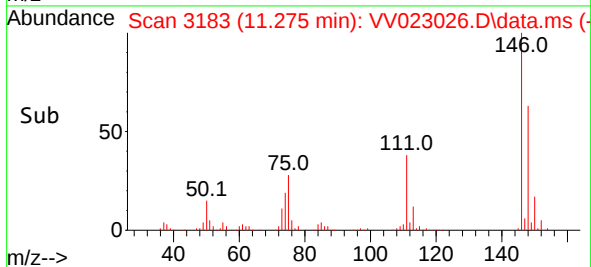
Tgt Ion:146 Resp: 101923
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.7
148 64.6 42.9 79.7

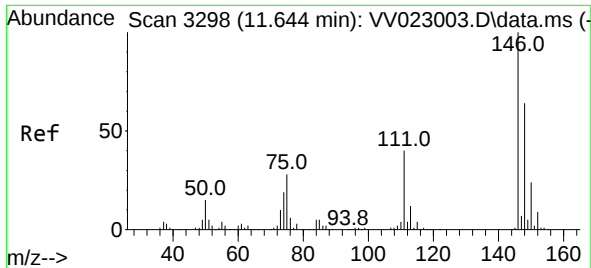


#65
1,4-Dichlorobenzene
Concen: 4.920 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47



Tgt Ion:146 Resp: 101073
Ion Ratio Lower Upper
146 100
111 37.8 26.2 48.8
148 63.2 44.4 82.5

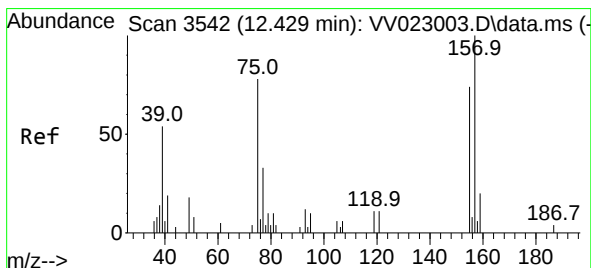
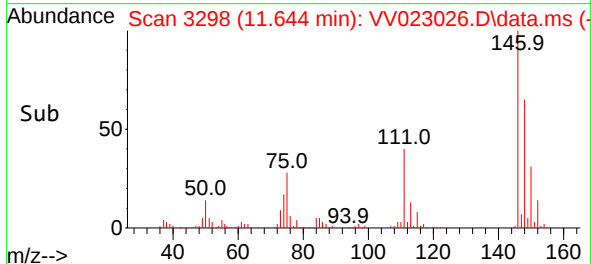
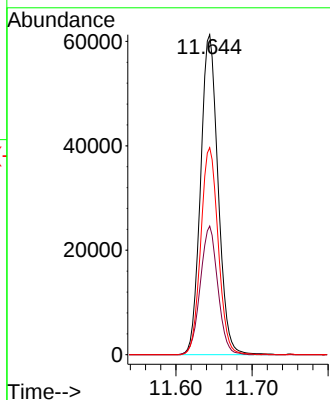
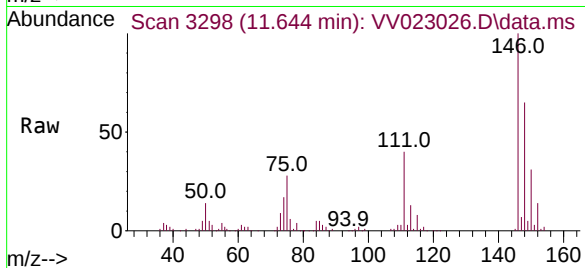




#67
1,2-Dichlorobenzene
Concen: 5.200 ug/L
RT: 11.644 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

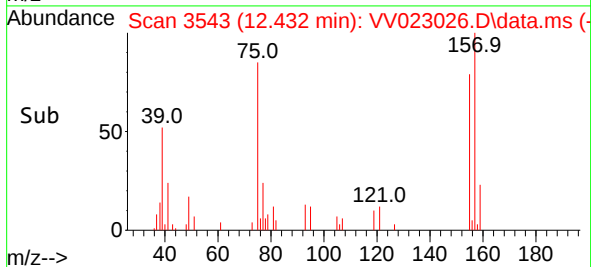
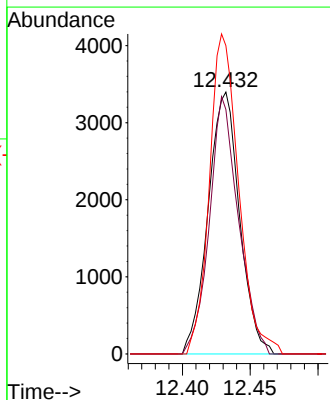
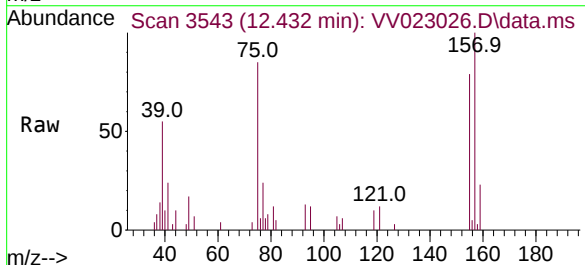
Instrument :
MSVOA_V
ClientSampleId :

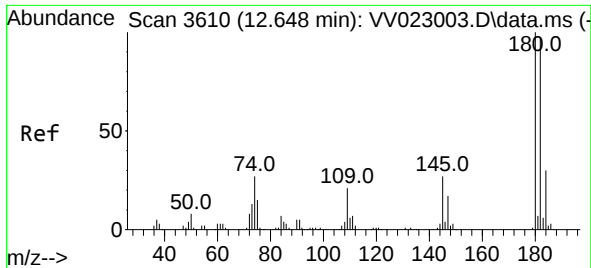
Tgt Ion:146 Resp: 97878
Ion Ratio Lower Upper
146 100
111 40.2 31.6 47.4
148 64.7 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.190 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

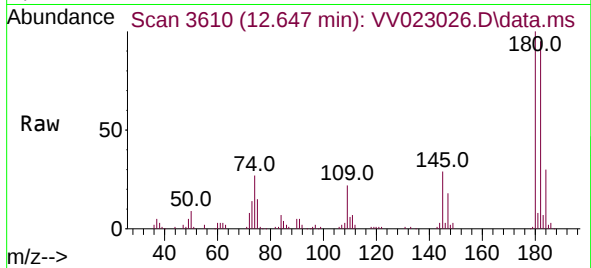
Tgt Ion: 75 Resp: 5476
Ion Ratio Lower Upper
75 100
155 93.3 67.7 101.5
157 117.7 87.9 131.9



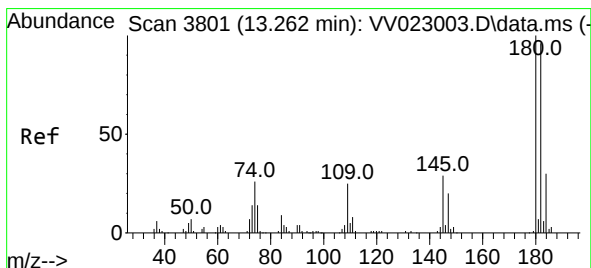
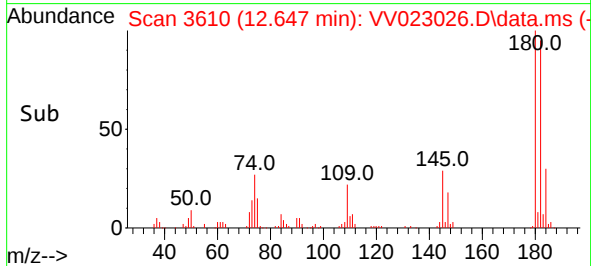
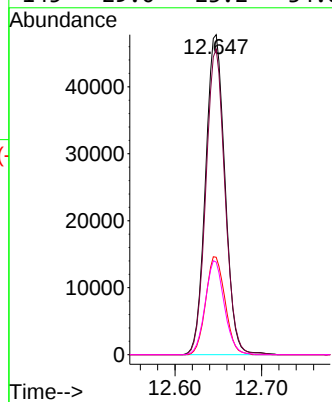


#69
 1,3,5-Trichlorobenzene
 Concen: 4.826 ug/L
 RT: 12.647 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VV023026.D
 Acq: 23 Oct 2021 21:47

Instrument :
 MSVOA_V
 ClientSampleId :

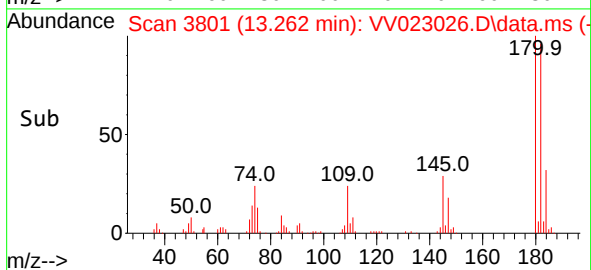
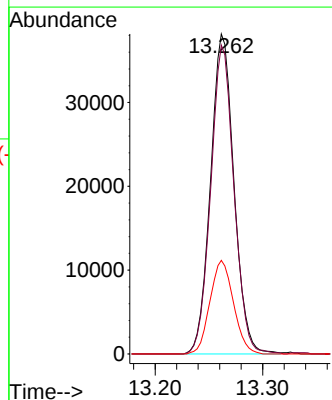
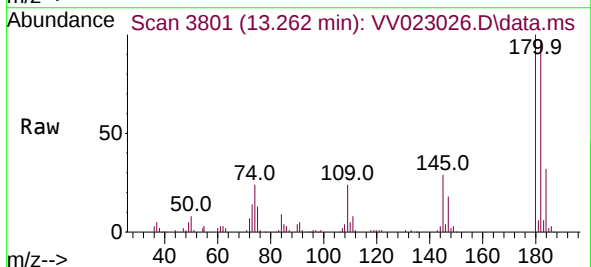


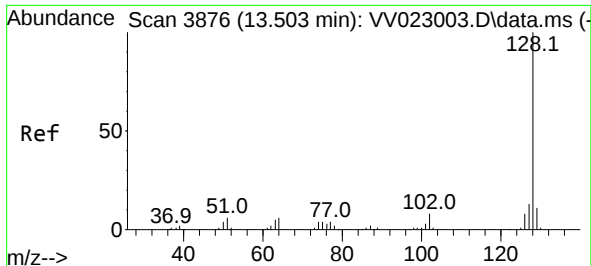
Tgt Ion:180 Resp: 74315
 Ion Ratio Lower Upper
 180 100
 182 94.3 74.9 112.3
 184 30.4 23.8 35.8
 145 29.0 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.021 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV023026.D
 Acq: 23 Oct 2021 21:47

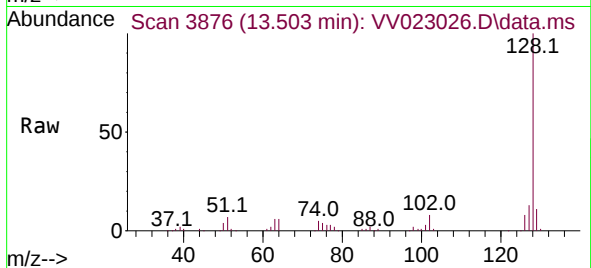
Tgt Ion:180 Resp: 57858
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.9 115.3
 145 29.3 24.4 36.6



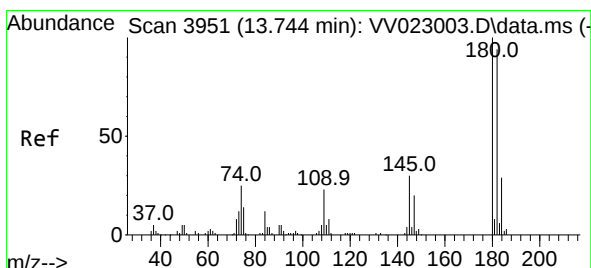
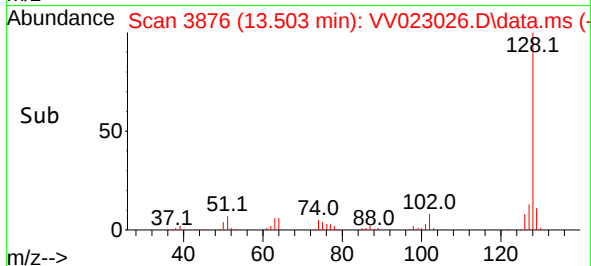
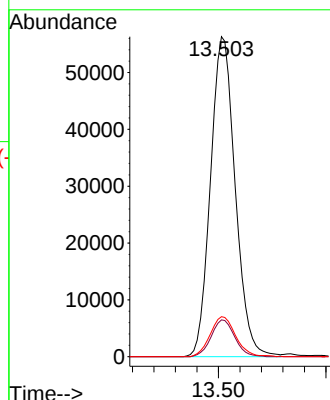


#71
Naphthalene
Concen: 5.134 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 89943
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.0 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.051 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023026.D
Acq: 23 Oct 2021 21:47

Tgt Ion:180 Resp: 54033
Ion Ratio Lower Upper
180 100
182 98.1 76.7 115.1
145 31.4 25.7 38.5

