

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102721\
 Data File : VW023075.D
 Acq On : 27 Oct 2021 21:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB243

Quant Time: Oct 28 01:50:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 01:43:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	138562	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136134	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44514	3.676	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.568	69	28519	3.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.108	63	67521	3.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.902	46	93948	48.370	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.740%
24) Chloroform-d	4.352	84	97843	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.037	65	45376	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.053	84	197621	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.072	67	61070	4.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.317	98	188911	5.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
43) trans-1,3-Dichloroprop...	7.625	79	21128	4.929	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.092	63	83904	52.866	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43200	5.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	65638	5.125	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	41857	4.762	ug/L	98
3) Chloromethane	1.240	50	47415	4.991	ug/L	96
5) Vinyl chloride	1.311	62	49722	5.067	ug/L	97
6) Bromomethane	1.523	94	22002	4.438	ug/L	95
8) Chloroethane	1.584	64	23385	4.557	ug/L	98
9) Trichlorofluoromethane	1.751	101	68008	5.135	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	34588	4.580	ug/L	97
12) 1,1-Dichloroethene	2.118	96	32700	4.610	ug/L	91
13) Acetone	2.188	43	49289	51.724	ug/L	97
14) Carbon disulfide	2.291	76	117581	6.086	ug/L	100
15) Methyl Acetate	2.442	43	14445	3.985	ug/L	91
16) Methylene chloride	2.507	84	53651	6.886	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	88712	5.238	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	46207	6.101	ug/L	95
19) 1,1-Dichloroethane	3.192	63	87430	6.283	ug/L	98
21) 2-Butanone	3.989	43	85148	45.643	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	48505	5.649	ug/L	# 89
23) Bromochloromethane	4.253	128	21969	5.636	ug/L	# 82
25) Chloroform	4.378	83	93009	5.058	ug/L	96

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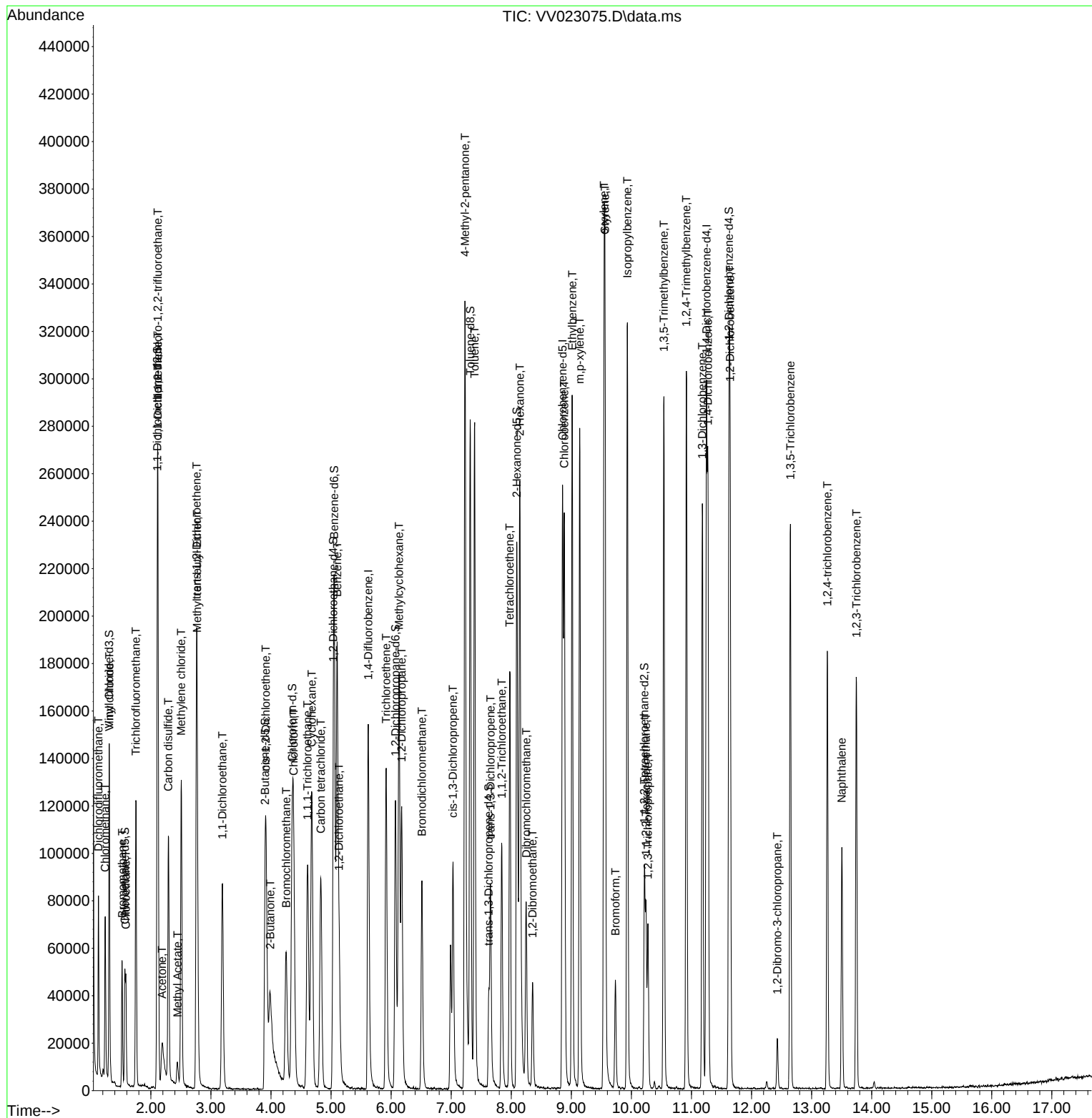
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	46563	4.802	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	78698	5.116	ug/L	100
30) Cyclohexane	4.677	56	61725	4.596	ug/L	97
31) Carbon tetrachloride	4.828	117	68365	5.165	ug/L	97
33) Benzene	5.101	78	189776	5.180	ug/L	100
34) Trichloroethene	5.918	95	48693	5.291	ug/L	95
35) Methylcyclohexane	6.134	83	67977	5.158	ug/L	98
37) 1,2-Dichloropropane	6.175	63	47621	5.157	ug/L	99
38) Bromodichloromethane	6.513	83	59195	5.197	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	59858	5.206	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	242258	55.730	ug/L	100
42) Toluene	7.391	91	207530	5.590	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	50441	5.303	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	33630	5.206	ug/L	98
47) Tetrachloroethene	7.976	164	40409	5.197	ug/L	99
48) 2-Hexanone	8.143	43	177110	54.886	ug/L	98
49) Dibromochloromethane	8.249	129	40234	5.235	ug/L	98
50) 1,2-Dibromoethane	8.355	107	30333	5.216	ug/L	95
51) Chlorobenzene	8.883	112	127592	5.232	ug/L	98
52) Ethylbenzene	9.014	91	198497	5.387	ug/L	98
53) m,p-xylene	9.140	106	79465	5.378	ug/L	100
54) o-xylene	9.545	106	76325	5.486	ug/L	100
55) Styrene	9.561	104	134952	5.618	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	35713	4.946	ug/L	99
59) Bromoform	9.735	173	20782	4.969	ug/L	99
60) Isopropylbenzene	9.934	105	203540	5.607	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26709	5.287	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	154267	5.291	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	161646	5.555	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	103805	5.434	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	102241	5.269	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	95783	5.387	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5025	5.041	ug/L	91
69) 1,3,5-Trichlorobenzene	12.648	180	72754	5.001	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	56587	5.198	ug/L	98
71) Naphthalene	13.503	128	80334	4.854	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	52062	5.152	ug/L	99

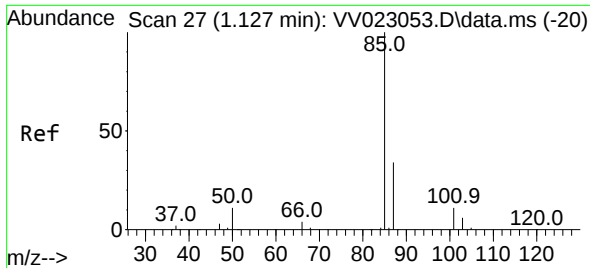
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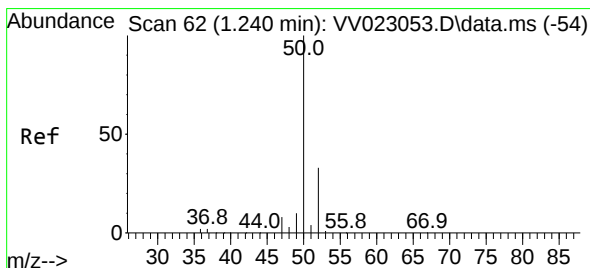
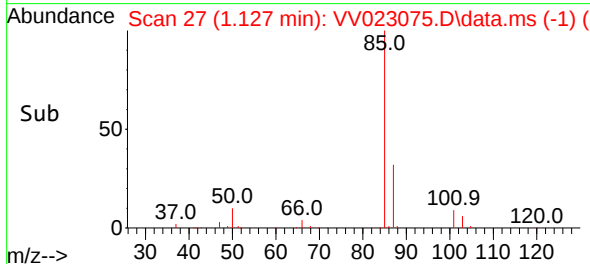
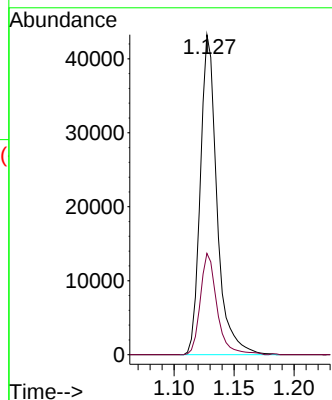
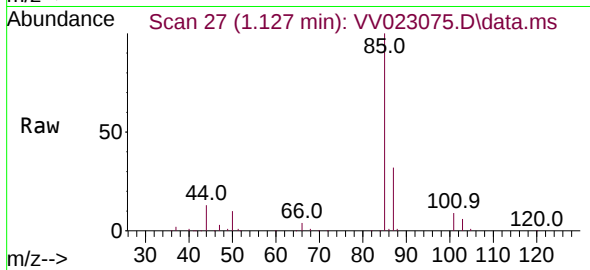




#2
 Dichlorodifluoromethane
 Concen: 4.762 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023075.D
 Acq: 27 Oct 2021 21:58

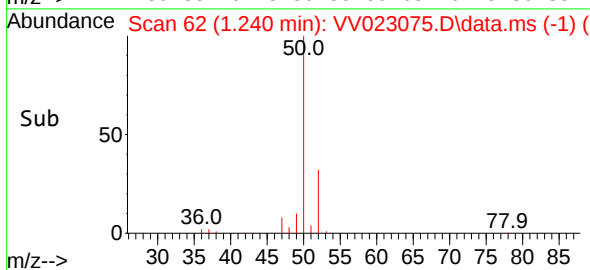
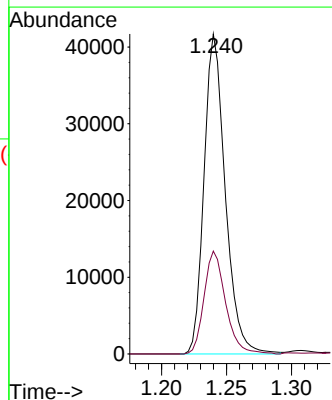
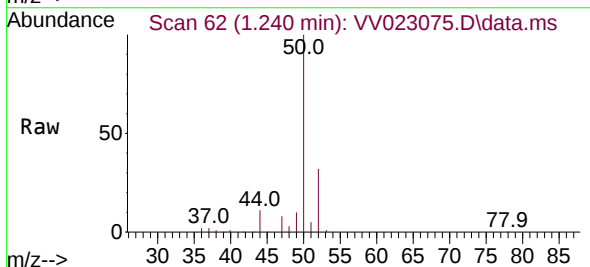
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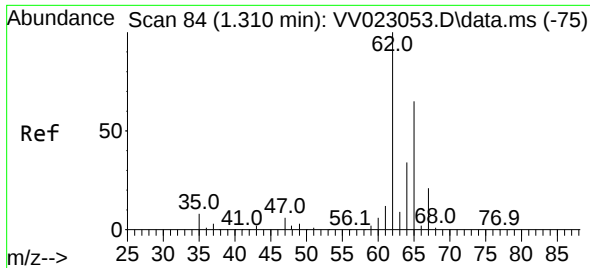
Tgt Ion: 85 Resp: 41857
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.6 39.8



#3
 Chloromethane
 Concen: 4.991 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023075.D
 Acq: 27 Oct 2021 21:58

Tgt Ion: 50 Resp: 47415
 Ion Ratio Lower Upper
 50 100
 52 32.1 24.3 45.1

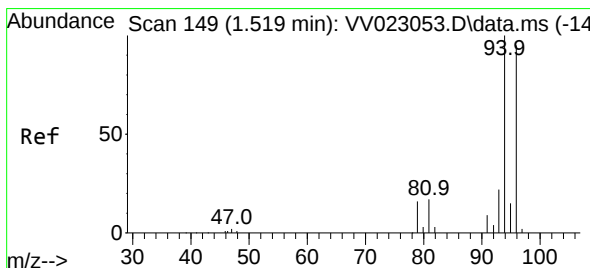
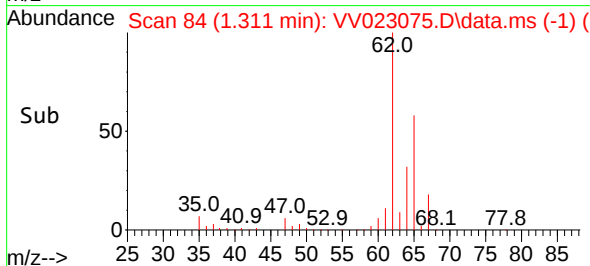
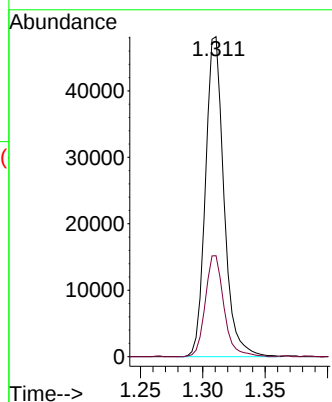
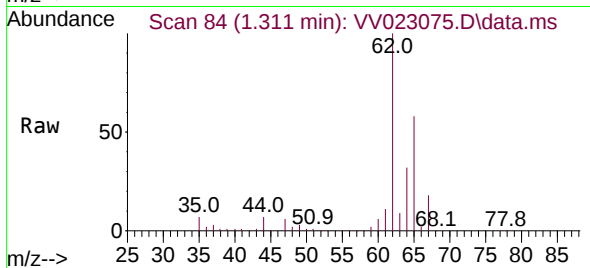




#5
 Vinyl chloride
 Concen: 5.067 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023075.D
 Acq: 27 Oct 2021 21:58

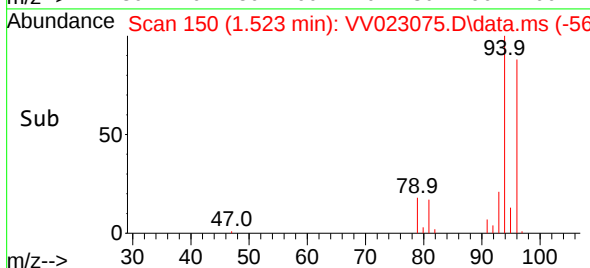
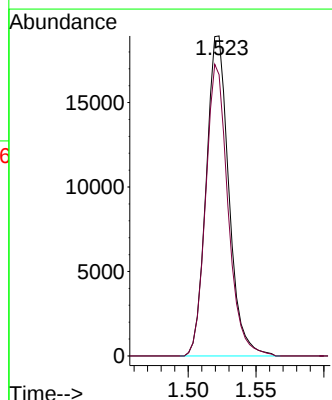
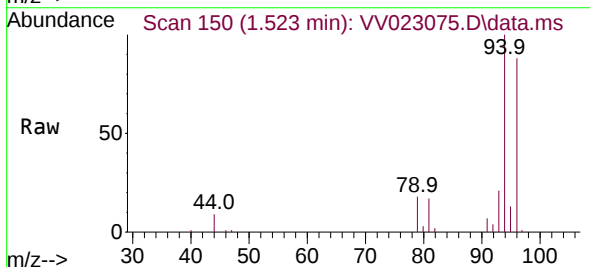
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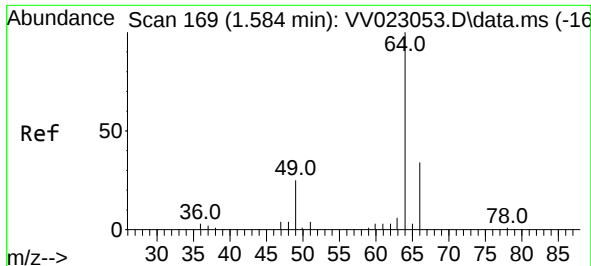
Tgt Ion: 62 Resp: 49722
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.1 42.9



#6
 Bromomethane
 Concen: 4.438 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV023075.D
 Acq: 27 Oct 2021 21:58

Tgt Ion: 94 Resp: 22002
 Ion Ratio Lower Upper
 94 100
 96 87.9 65.0 120.8

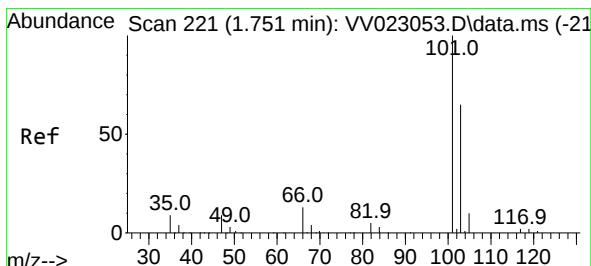
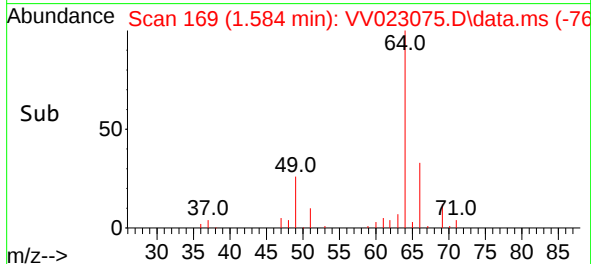
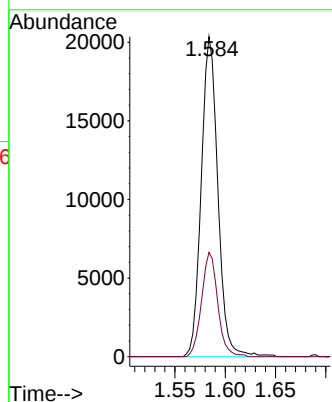
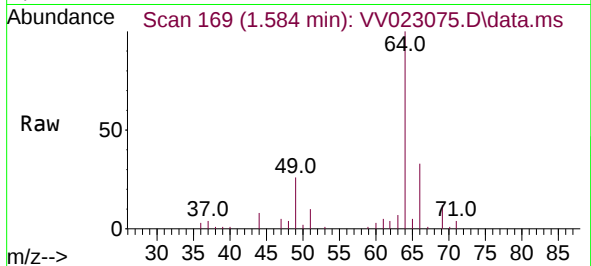




#8
Chloroethane
Concen: 4.557 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

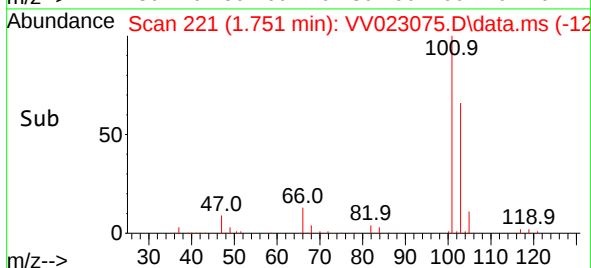
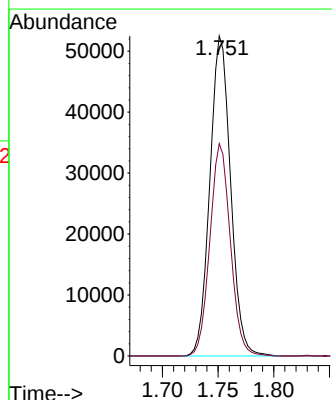
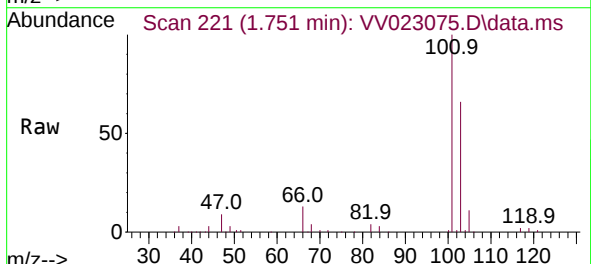
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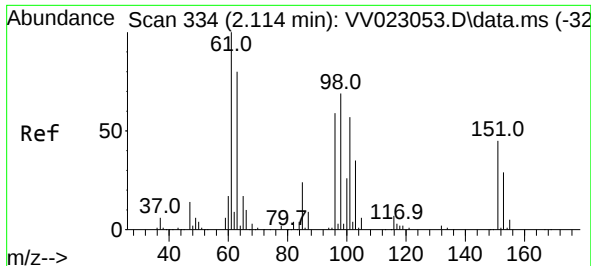
Tgt Ion: 64 Resp: 23385
Ion Ratio Lower Upper
64 100
66 32.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.135 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

Tgt Ion:101 Resp: 68008
Ion Ratio Lower Upper
101 100
103 65.4 52.6 79.0

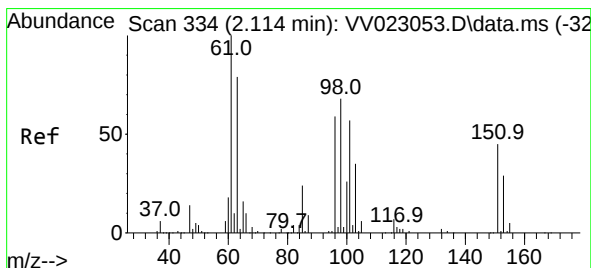
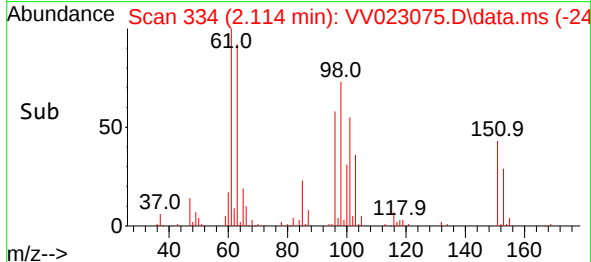
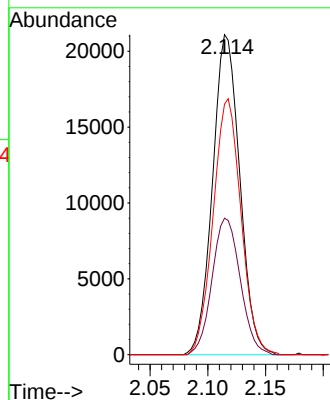
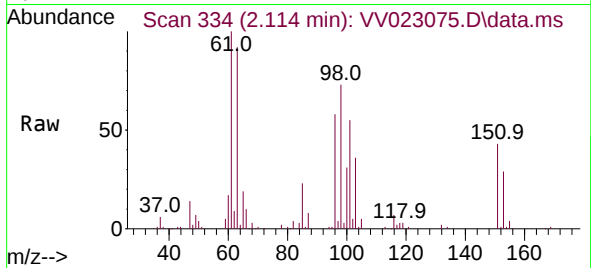




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.580 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV023075.D
 Acq: 27 Oct 2021 21:58

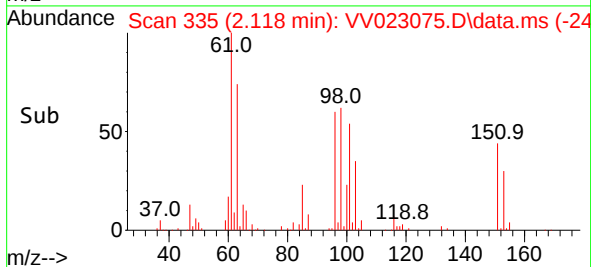
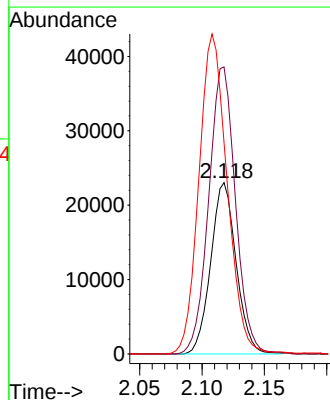
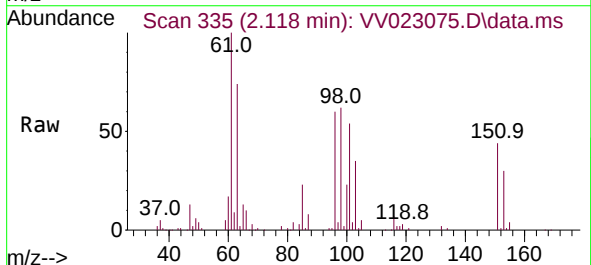
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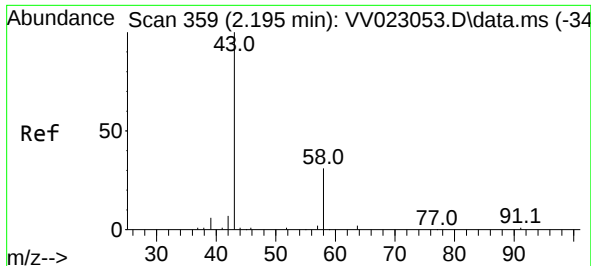
Tgt Ion:101 Resp: 34588
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.3 52.9
 151 81.8 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 4.610 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023075.D
 Acq: 27 Oct 2021 21:58

Tgt Ion: 96 Resp: 32700
 Ion Ratio Lower Upper
 96 100
 61 167.4 121.5 225.7
 63 123.3 99.6 185.0

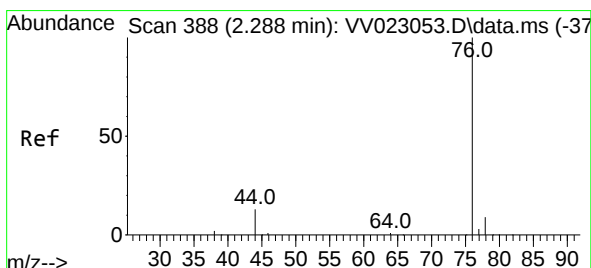
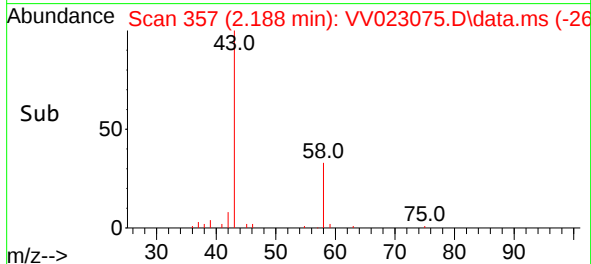
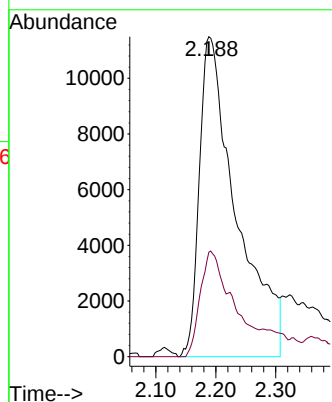
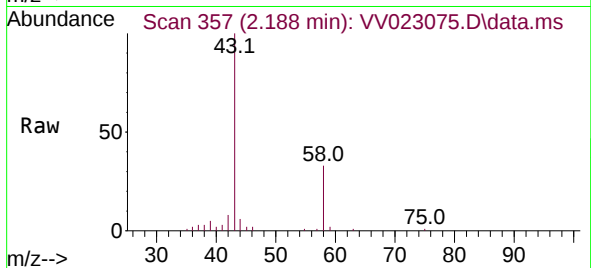




#13
Acetone
Concen: 51.724 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

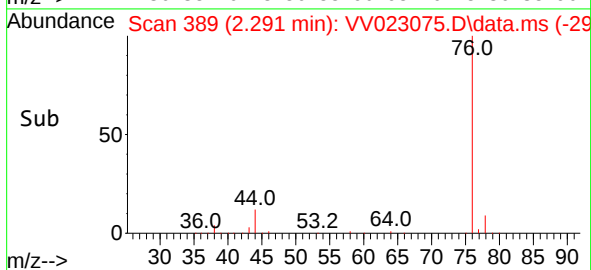
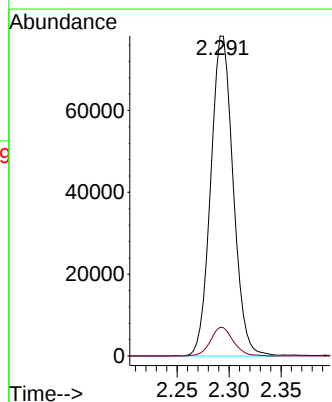
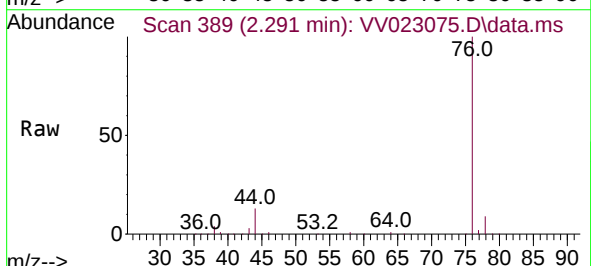
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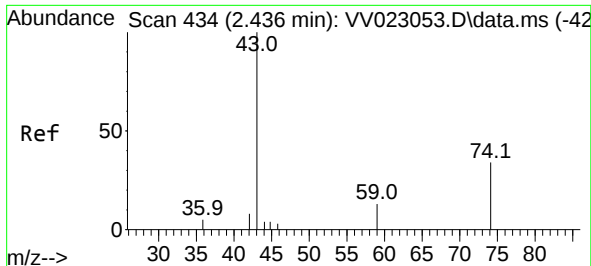
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Ion Ratio Lower Upper
43 100
58 29.2 0.0 55.4



#14
Carbon disulfide
Concen: 6.086 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
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Acq: 27 Oct 2021 21:58

Tgt Ion: 76 Resp: 117581
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

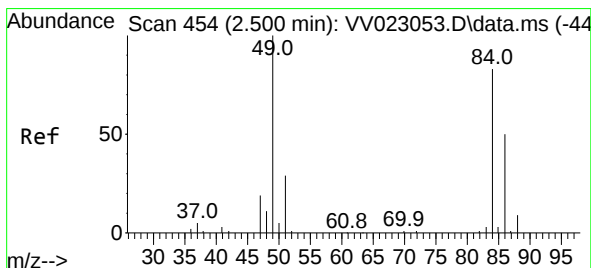
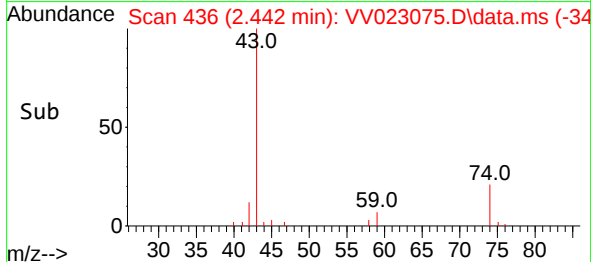
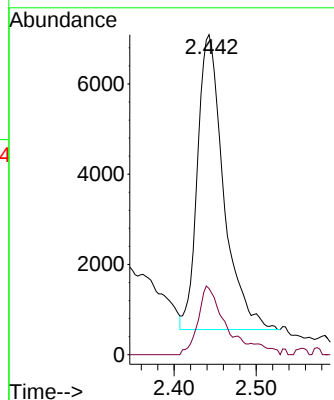
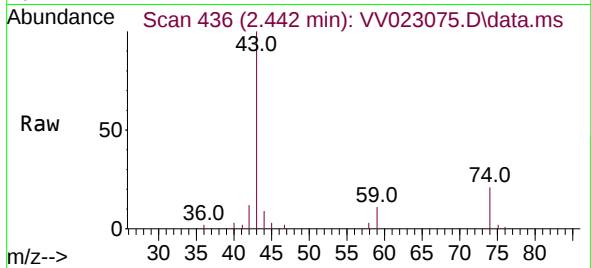




#15
Methyl Acetate
Concen: 3.985 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

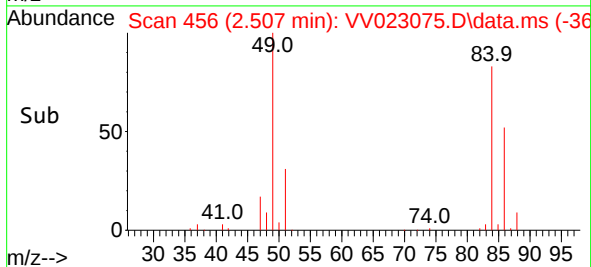
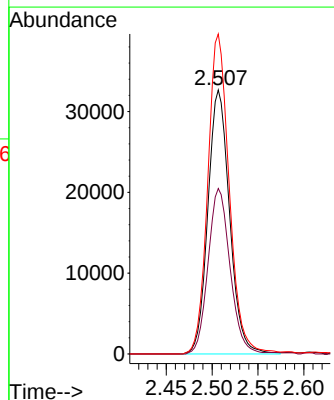
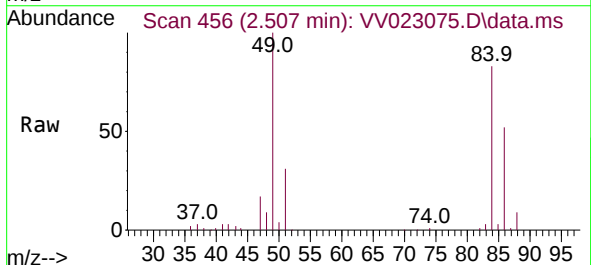
Instrument :
MSVOA_V
ClientSampleId :
BFB243

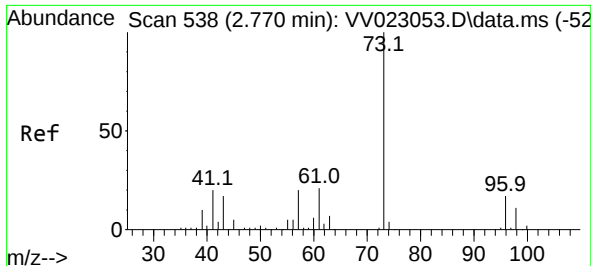
Tgt Ion: 43 Resp: 14445
Ion Ratio Lower Upper
43 100
74 23.1 22.2 33.2



#16
Methylene chloride
Concen: 6.886 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.007 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

Tgt Ion: 84 Resp: 53651
Ion Ratio Lower Upper
84 100
86 62.7 42.3 78.5
49 121.2 79.7 148.1

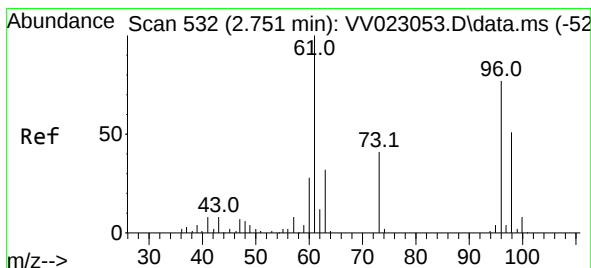
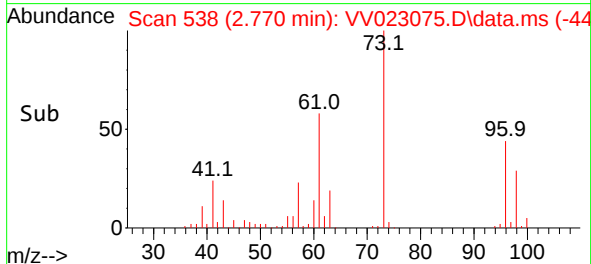
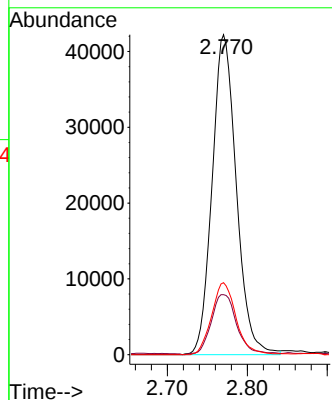
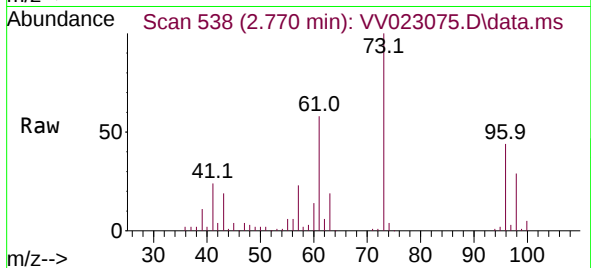




#17
Methyl tert-butyl Ether
Concen: 5.238 ug/L
RT: 2.770 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

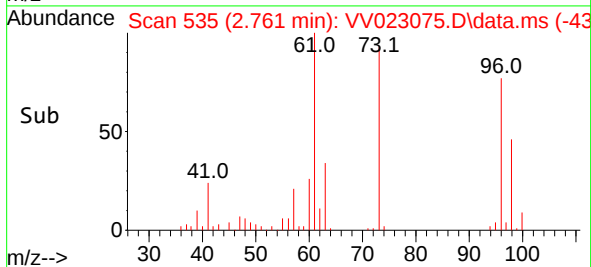
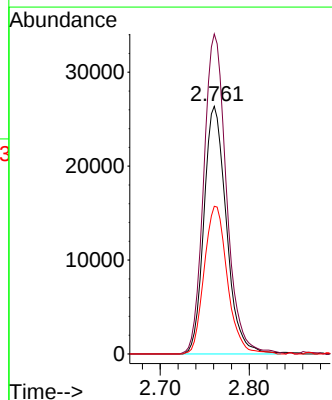
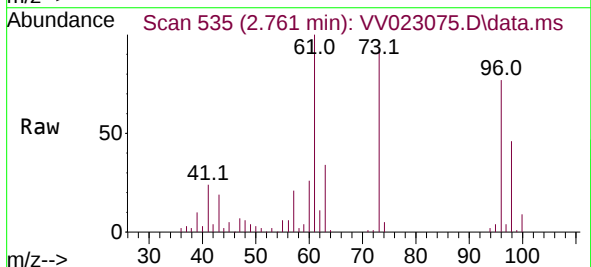
Instrument :
MSVOA_V
ClientSampleId :
BFB243

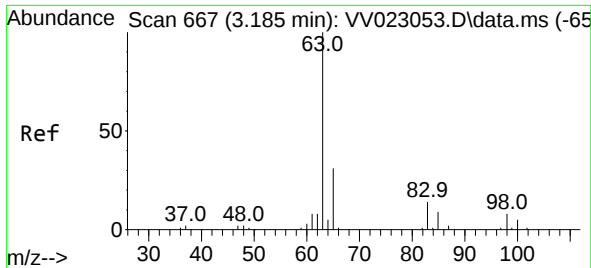
Tgt Ion: 73 Resp: 88712
Ion Ratio Lower Upper
73 100
43 20.1 17.4 26.0
57 22.7 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 6.101 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

Tgt Ion: 96 Resp: 46207
Ion Ratio Lower Upper
96 100
61 129.2 93.2 173.2
98 59.6 47.0 87.2

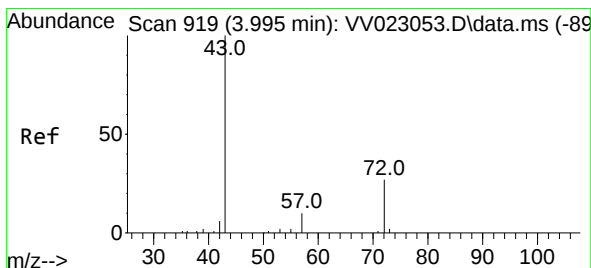
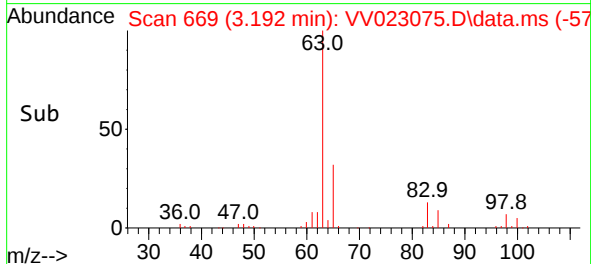
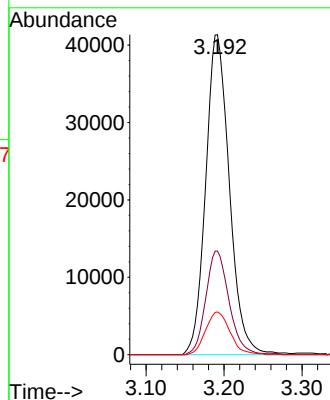
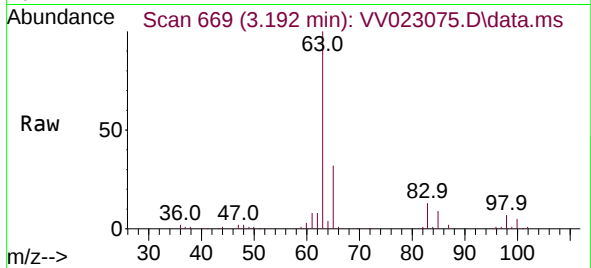




#19
1,1-Dichloroethane
Concen: 6.283 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.007 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

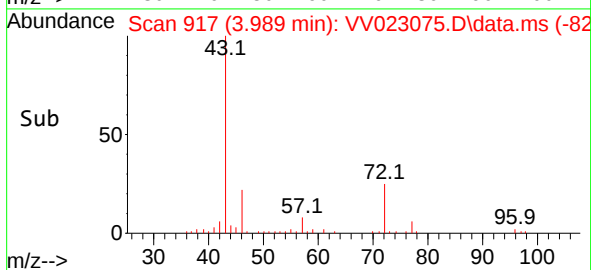
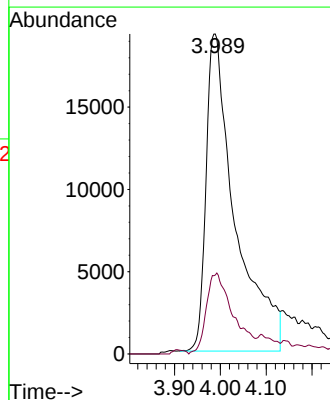
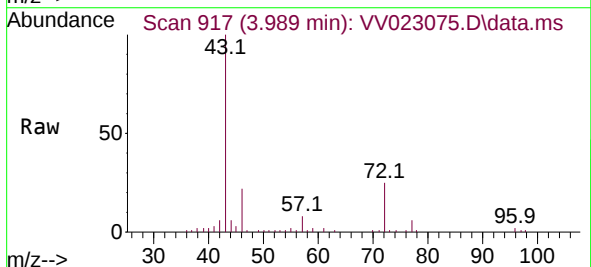
Instrument :
MSVOA_V
ClientSampleId :
BFB243

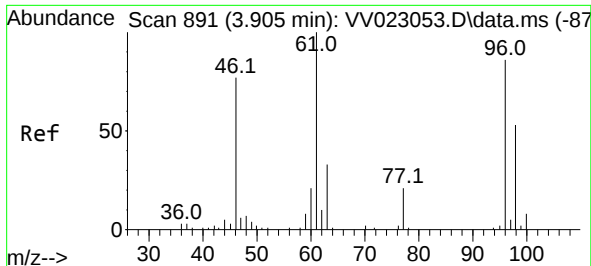
Tgt Ion: 63 Resp: 87430
Ion Ratio Lower Upper
63 100
65 32.4 22.6 42.0
83 13.4 11.1 20.7



#21
2-Butanone
Concen: 45.643 ug/L
RT: 3.989 min Scan# 917
Delta R.T. -0.006 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

Tgt Ion: 43 Resp: 85148
Ion Ratio Lower Upper
43 100
72 23.5 11.9 35.9

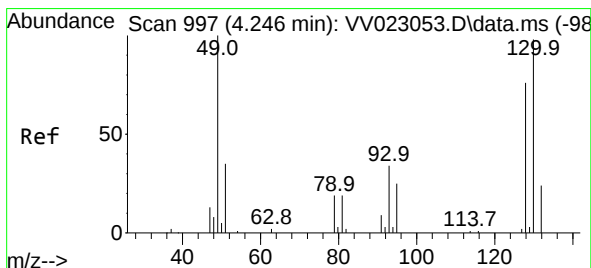
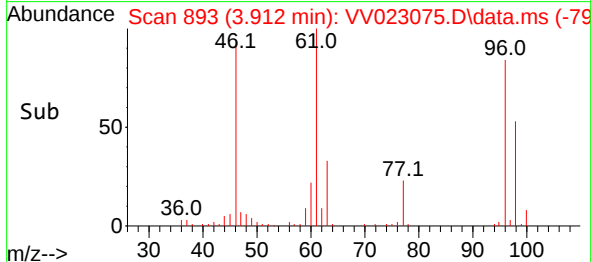
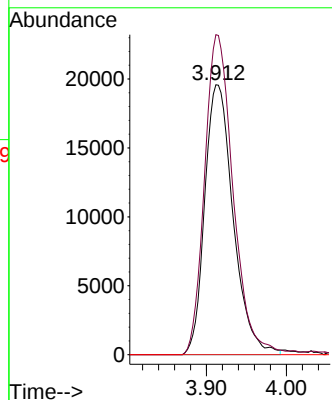
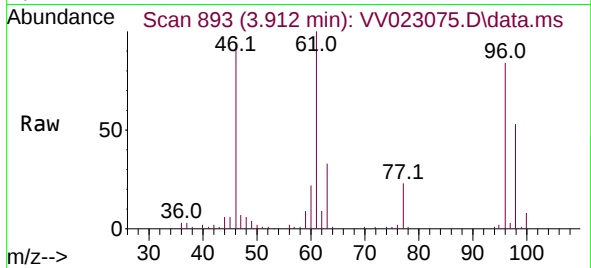




#22
cis-1,2-Dichloroethene
Concen: 5.649 ug/L
RT: 3.912 min Scan# 891
Delta R.T. 0.007 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

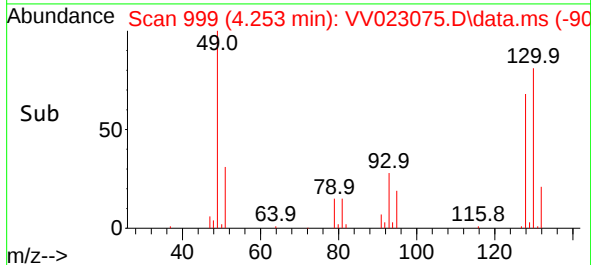
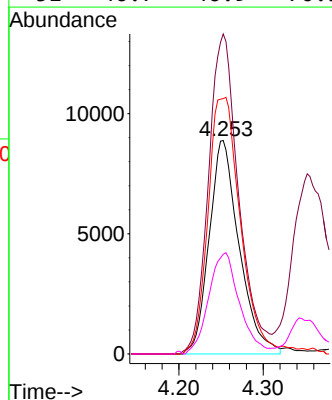
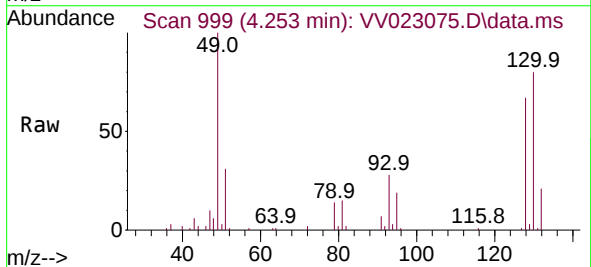
Instrument :
MSVOA_V
ClientSampleId :
BFB243

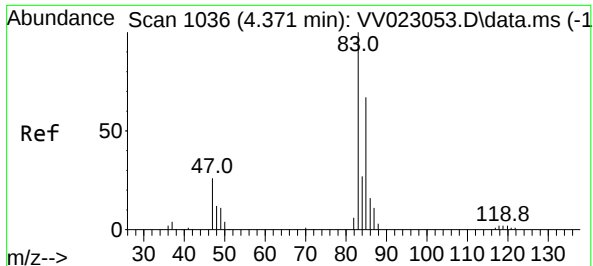
Tgt Ion: 96 Resp: 48505
Ion Ratio Lower Upper
96 100
61 118.5 92.3 171.3
68 0.0 0.4 0.8#



#23
Bromochloromethane
Concen: 5.636 ug/L
RT: 4.253 min Scan# 999
Delta R.T. 0.007 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

Tgt Ion: 128 Resp: 21969
Ion Ratio Lower Upper
128 100
49 149.9 126.1 234.3
130 119.7 95.2 176.8
51 46.7 46.9 70.3#





#25

Chloroform

Concen: 5.058 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV023075.D

Acq: 27 Oct 2021 21:58

Instrument :

MSVOA_V

ClientSampleId :

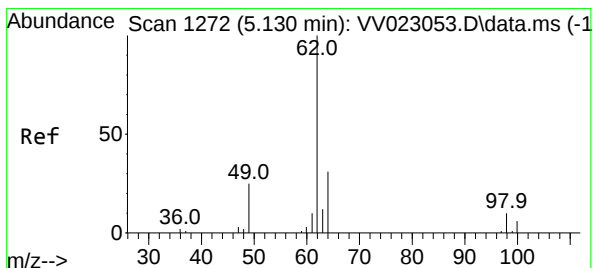
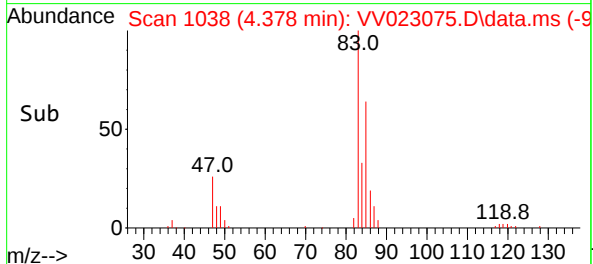
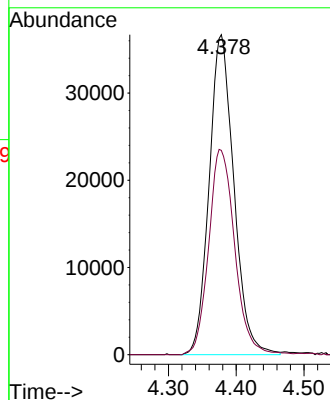
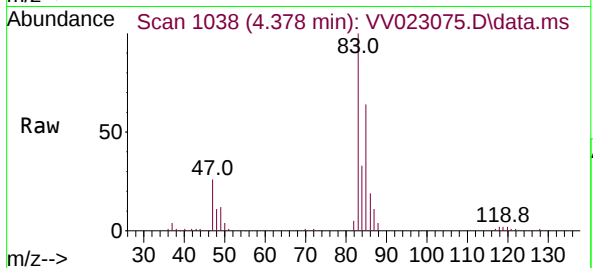
BFB243

Tgt Ion: 83 Resp: 93009

Ion Ratio Lower Upper

83 100

85 63.9 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.802 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV023075.D

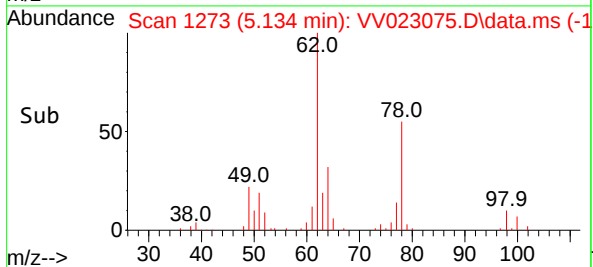
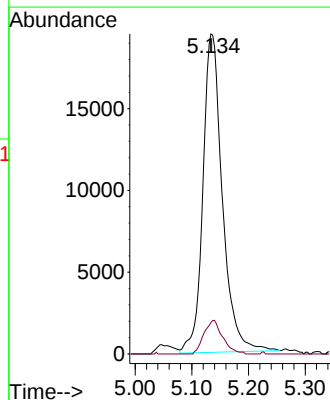
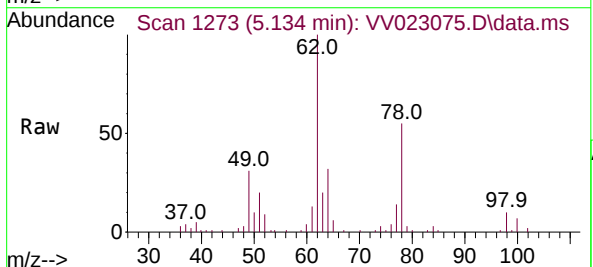
Acq: 27 Oct 2021 21:58

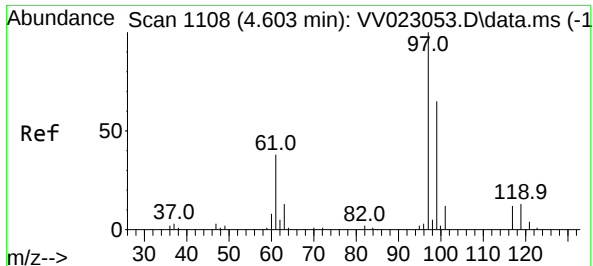
Tgt Ion: 62 Resp: 46563

Ion Ratio Lower Upper

62 100

98 9.8 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.116 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV023075.D

Acq: 27 Oct 2021 21:58

Instrument :

MSVOA_V

ClientSampleId :

BFB243

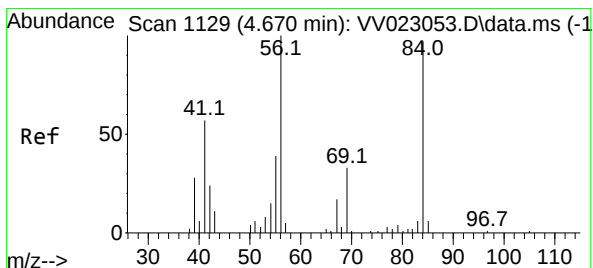
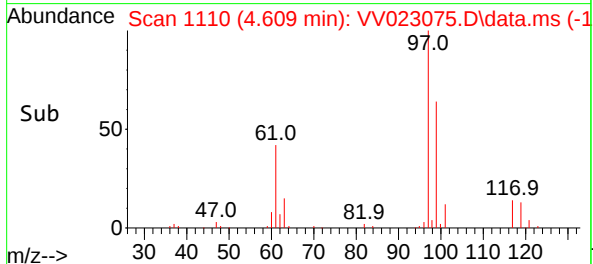
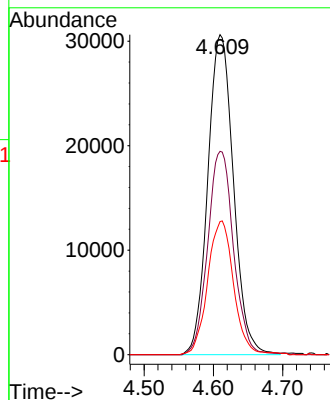
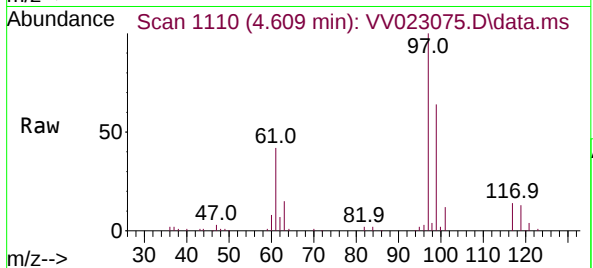
Tgt Ion: 97 Resp: 78698

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 42.4 34.1 51.1



#30

Cyclohexane

Concen: 4.596 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.007 min

Lab File: VV023075.D

Acq: 27 Oct 2021 21:58

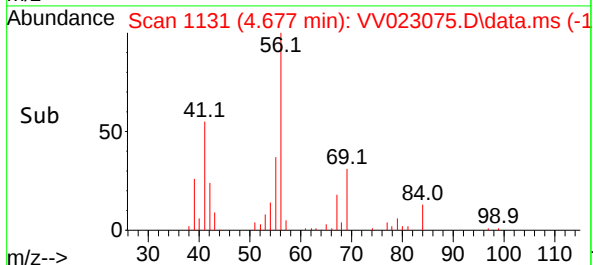
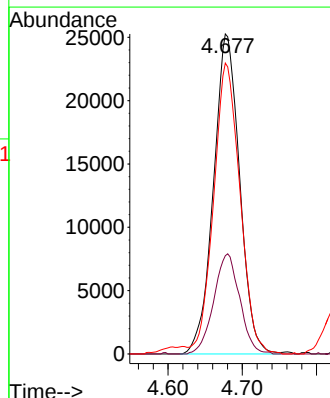
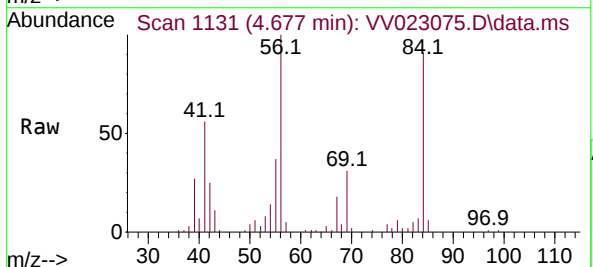
Tgt Ion: 56 Resp: 61725

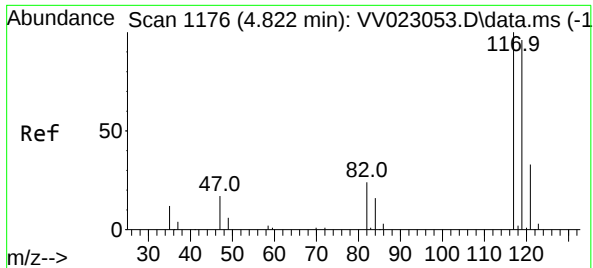
Ion Ratio Lower Upper

56 100

69 31.1 23.5 35.3

84 91.8 71.6 107.4

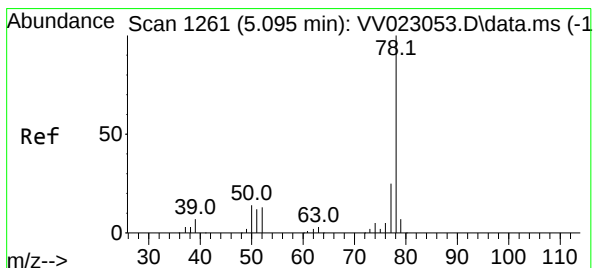
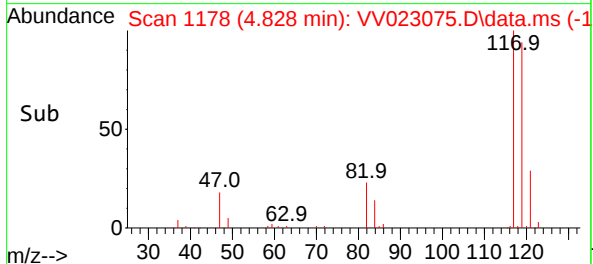
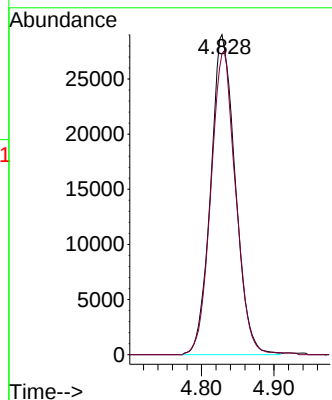
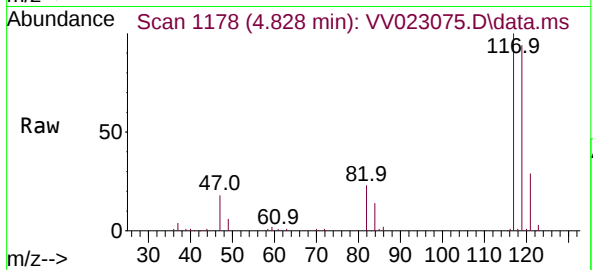




#31
Carbon tetrachloride
Concen: 5.165 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

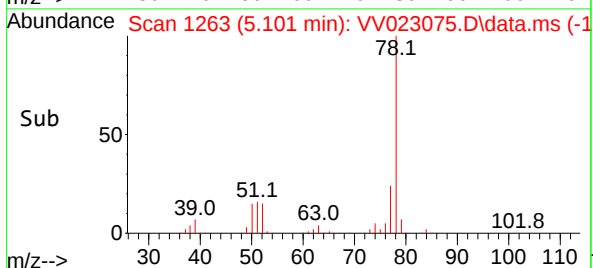
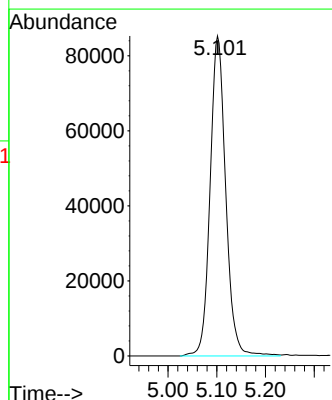
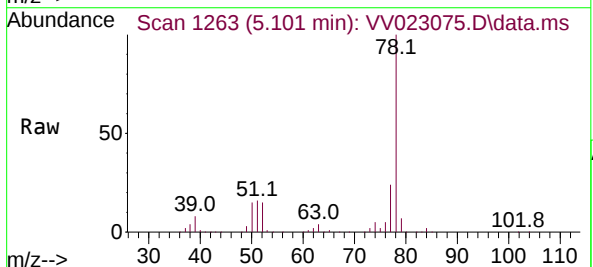
Instrument :
MSVOA_V
ClientSampleId :
BFB243

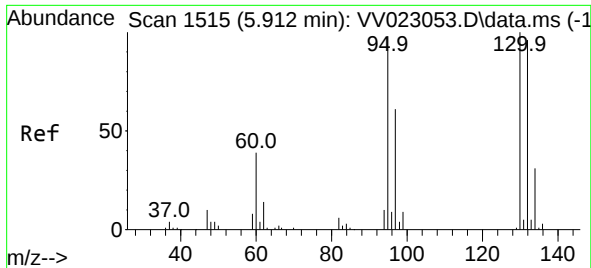
Tgt Ion:117 Resp: 68365
Ion Ratio Lower Upper
117 100
119 95.9 78.8 118.2



#33
Benzene
Concen: 5.180 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

Tgt Ion: 78 Resp: 189776

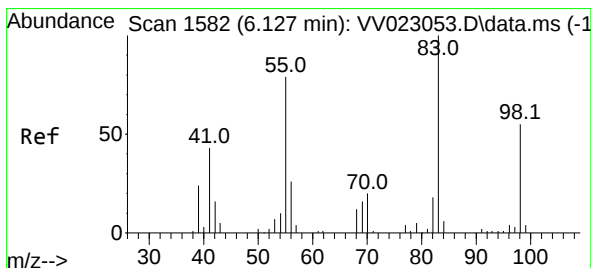
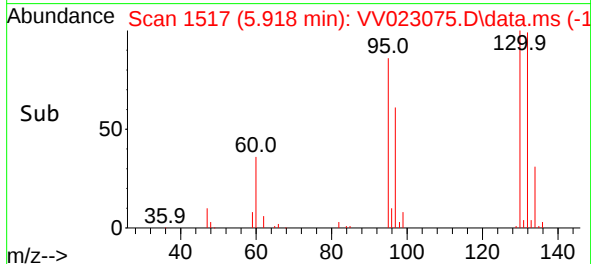
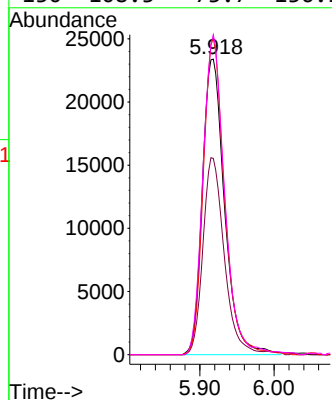
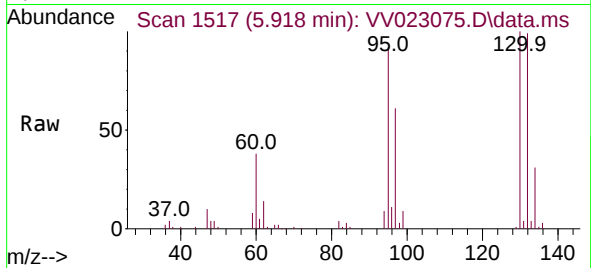




#34
Trichloroethene
Concen: 5.291 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.007 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

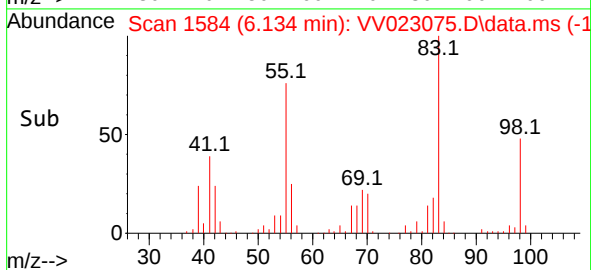
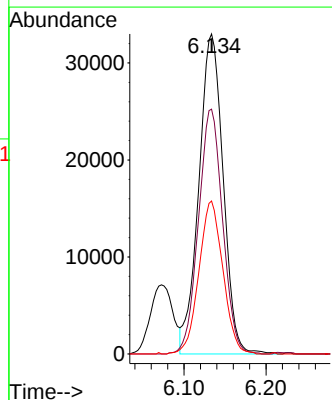
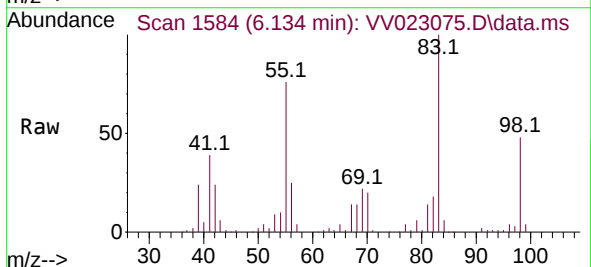
Instrument :
MSVOA_V
ClientSampleId :
BFB243

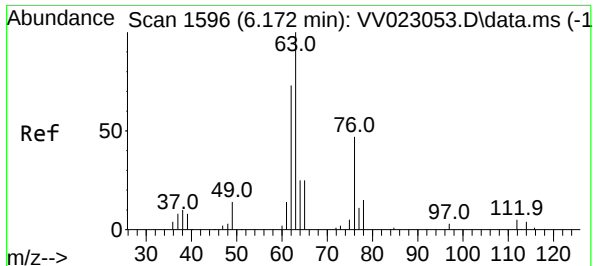
Tgt Ion: 95 Resp: 48693
Ion Ratio Lower Upper
95 100
97 66.5 45.0 83.6
132 107.0 69.7 129.4
130 108.3 73.7 136.9



#35
Methylcyclohexane
Concen: 5.158 ug/L
RT: 6.134 min Scan# 1584
Delta R.T. 0.007 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

Tgt Ion: 83 Resp: 67977
Ion Ratio Lower Upper
83 100
55 76.1 62.8 94.2
98 47.2 37.9 56.9





#37

1,2-Dichloropropane

Concen: 5.157 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023075.D

Acq: 27 Oct 2021 21:58

Instrument :

MSVOA_V

ClientSampleId :

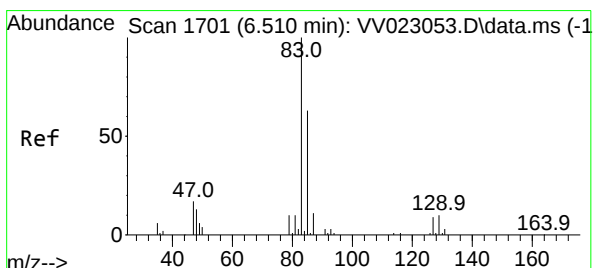
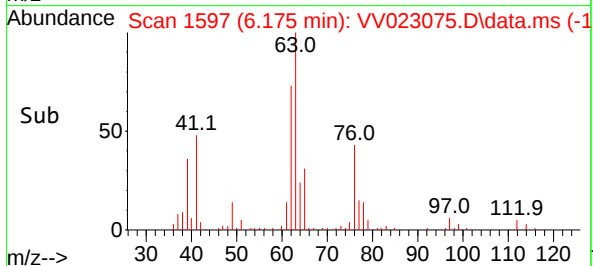
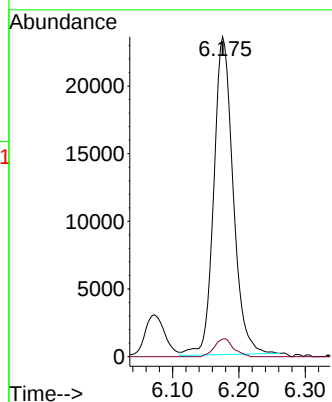
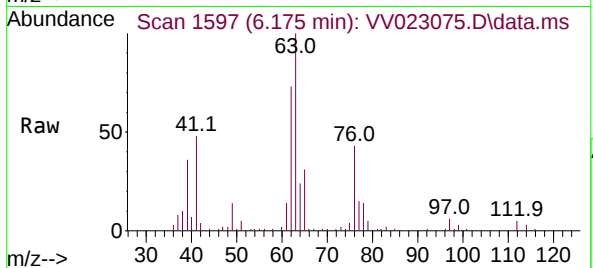
BFB243

Tgt Ion: 63 Resp: 47621

Ion Ratio Lower Upper

63 100

112 5.5 4.6 6.8



#38

Bromodichloromethane

Concen: 5.197 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV023075.D

Acq: 27 Oct 2021 21:58

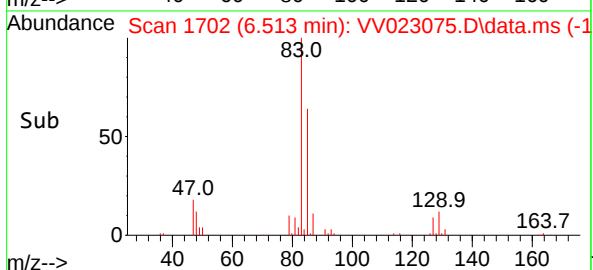
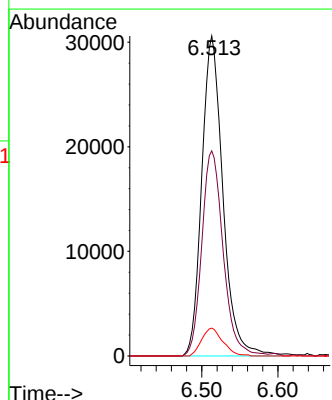
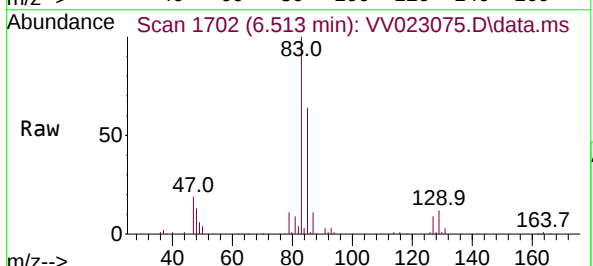
Tgt Ion: 83 Resp: 59195

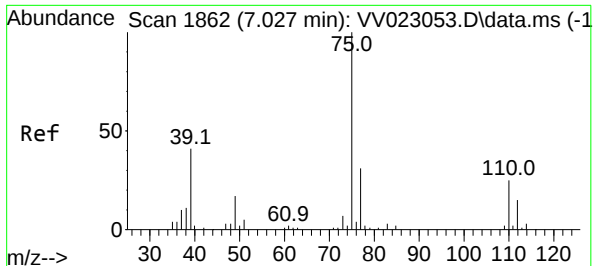
Ion Ratio Lower Upper

83 100

85 64.1 46.1 85.7

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.206 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV023075.D

Acq: 27 Oct 2021 21:58

Instrument :

MSVOA_V

ClientSampleId :

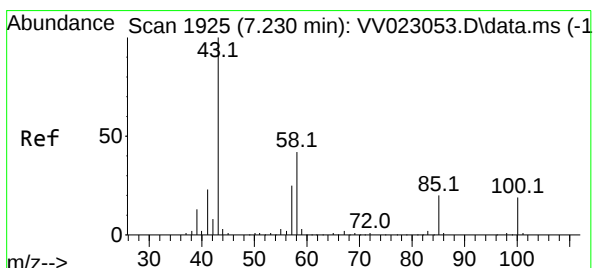
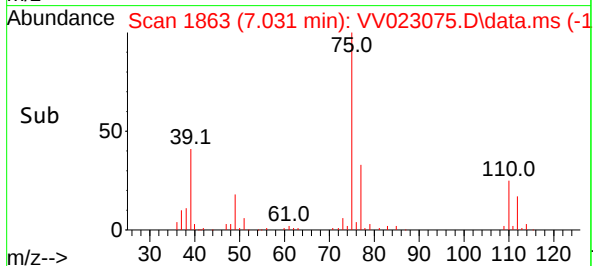
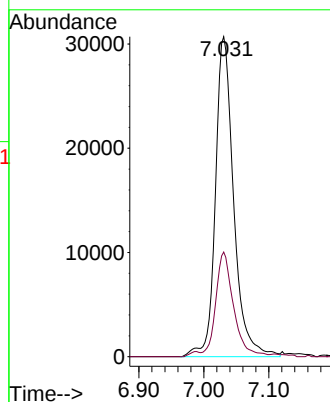
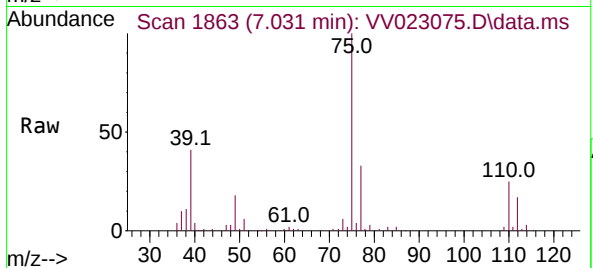
BFB243

Tgt Ion: 75 Resp: 59858

Ion Ratio Lower Upper

75 100

77 32.7 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 55.730 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV023075.D

Acq: 27 Oct 2021 21:58

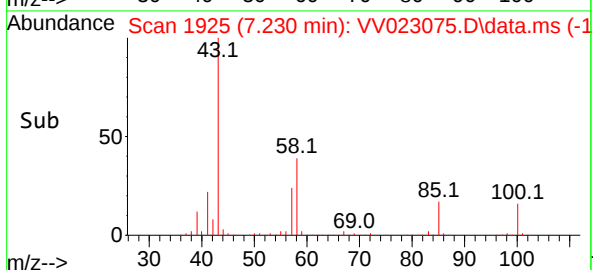
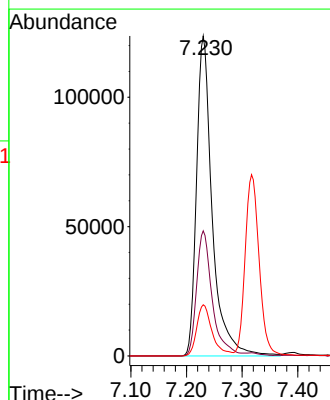
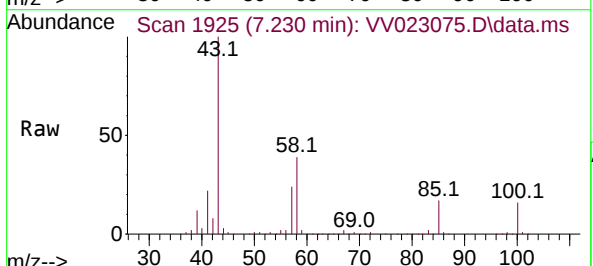
Tgt Ion: 43 Resp: 242258

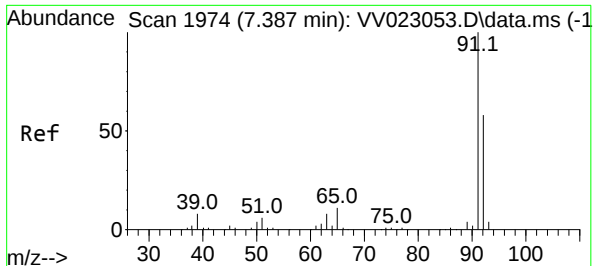
Ion Ratio Lower Upper

43 100

58 38.9 31.1 46.7

100 15.8 12.6 19.0





#42

Toluene

Concen: 5.590 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV023075.D

Acq: 27 Oct 2021 21:58

Instrument :

MSVOA_V

ClientSampleId :

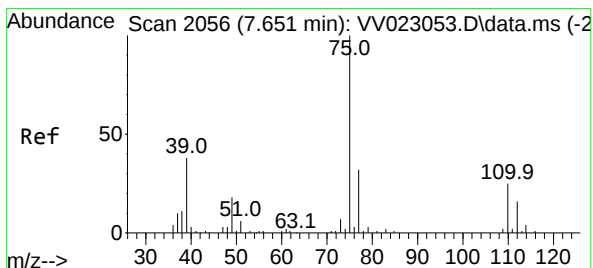
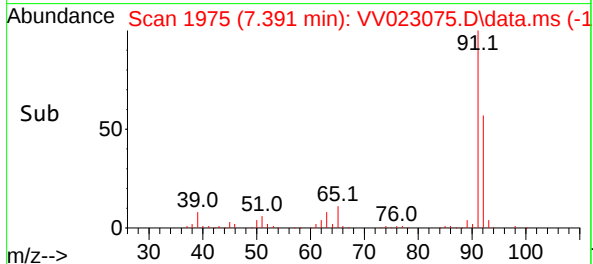
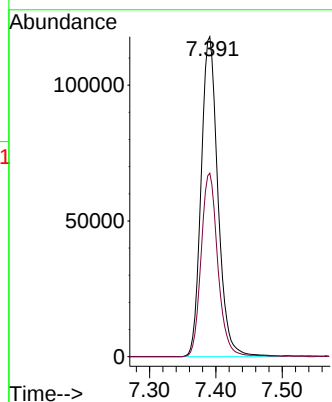
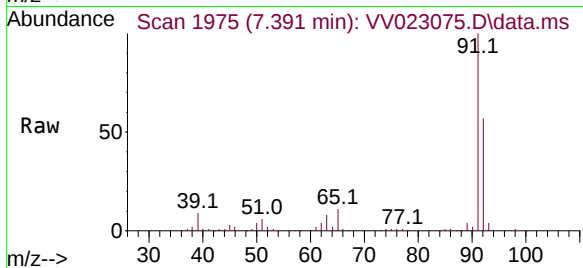
BFB243

Tgt Ion: 91 Resp: 207530

Ion Ratio Lower Upper

91 100

92 57.4 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.303 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023075.D

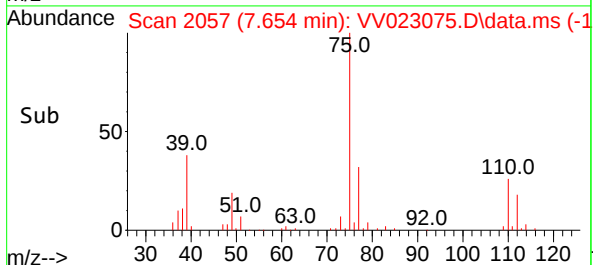
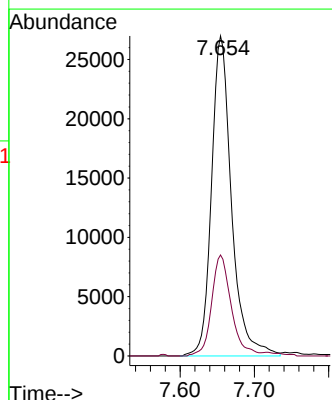
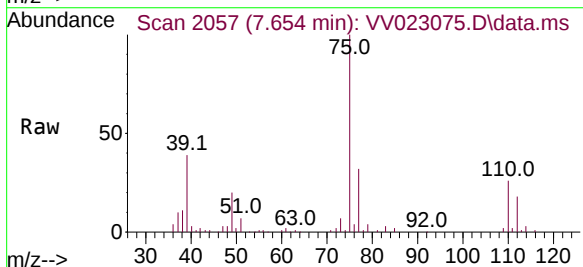
Acq: 27 Oct 2021 21:58

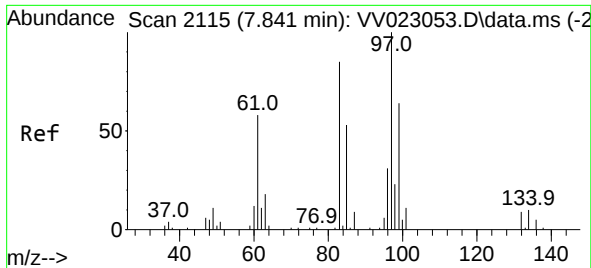
Tgt Ion: 75 Resp: 50441

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.7

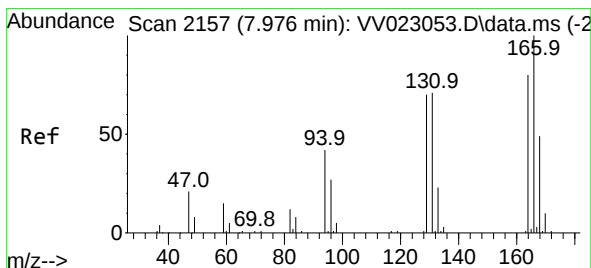
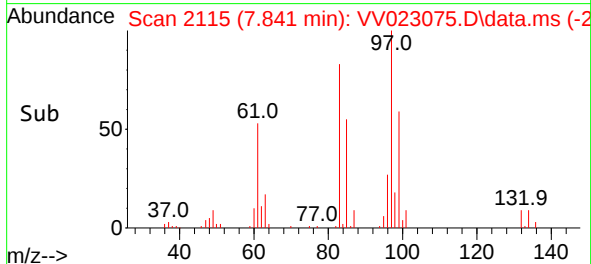
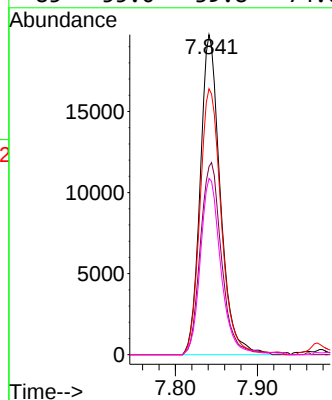
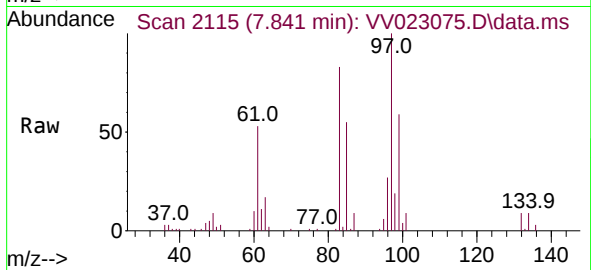




#45
1,1,2-Trichloroethane
Concen: 5.206 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

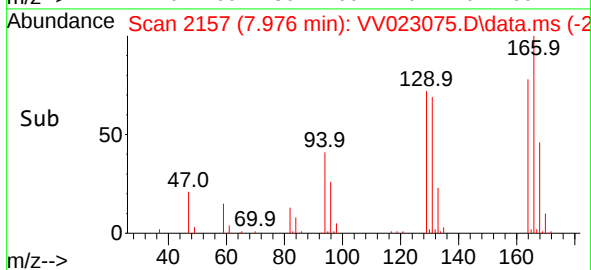
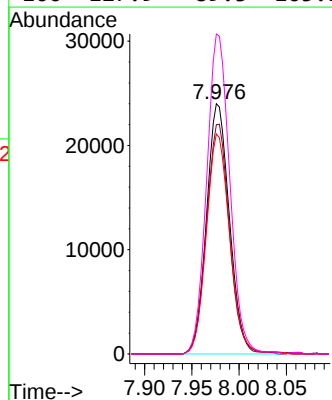
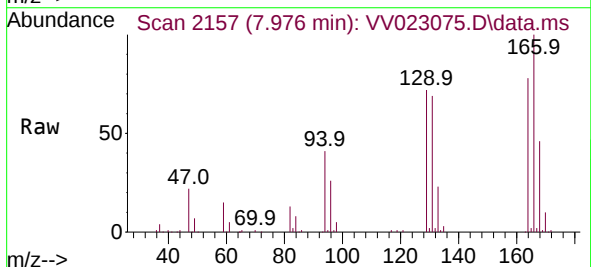
Instrument :
MSVOA_V
ClientSampleId :
BFB243

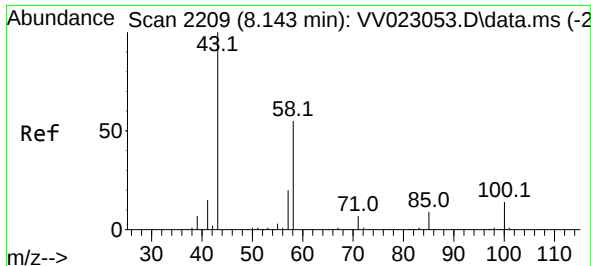
Tgt Ion: 97	Resp: 33630
Ion Ratio	Lower Upper
97 100	
99 58.8	43.6 81.0
83 83.1	58.4 108.4
85 55.0	39.8 74.0



#47
Tetrachloroethene
Concen: 5.197 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

Tgt Ion:164	Resp: 40409
Ion Ratio	Lower Upper
164 100	
129 91.6	64.0 119.0
131 87.9	63.4 117.8
166 127.9	89.3 165.9

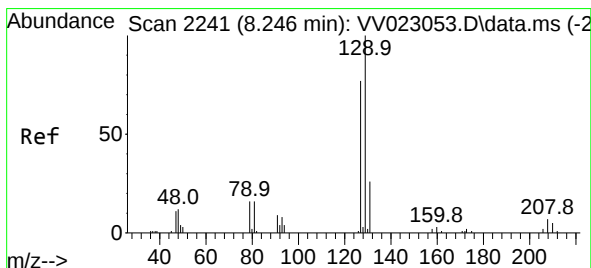
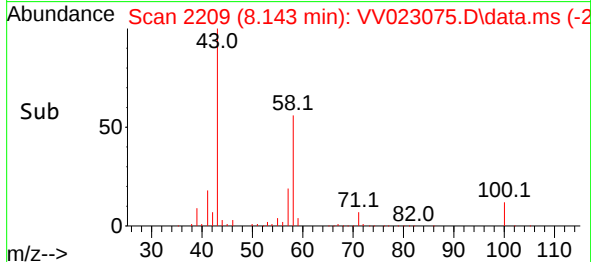
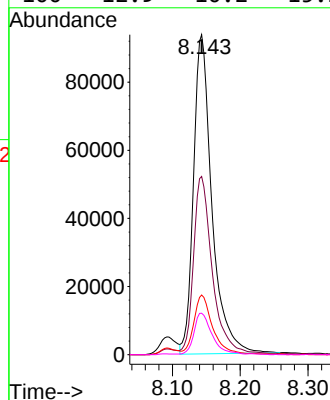
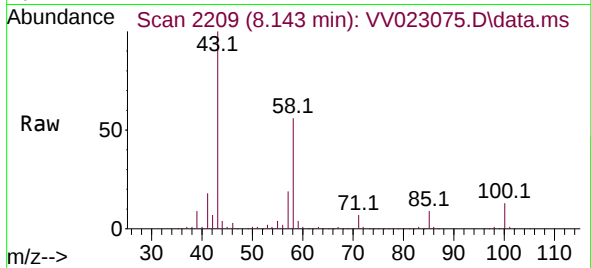




#48
2-Hexanone
Concen: 54.886 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

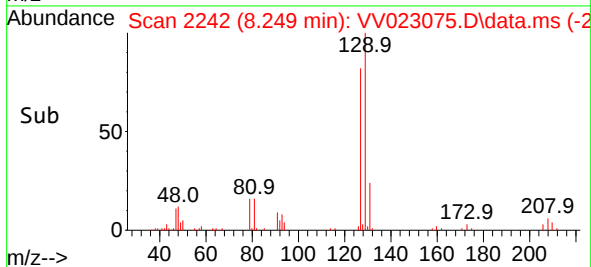
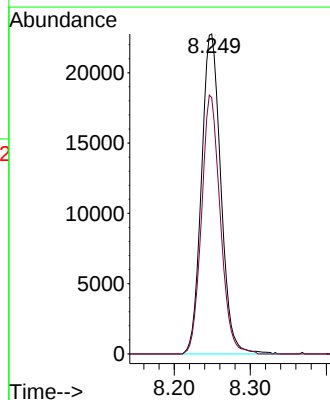
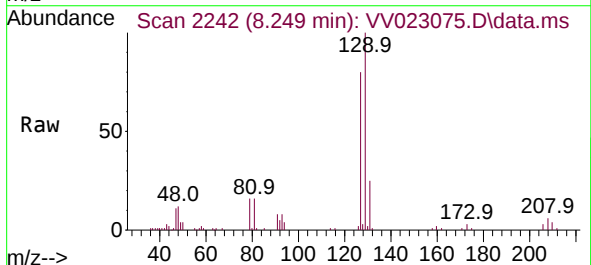
Instrument :
MSVOA_V
ClientSampleId :
BFB243

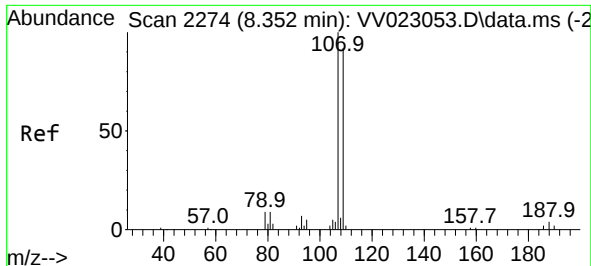
Tgt Ion: 43 Resp: 177110
Ion Ratio Lower Upper
43 100
58 56.7 43.7 65.5
57 18.3 14.1 21.1
100 12.9 10.2 15.2



#49
Dibromochloromethane
Concen: 5.235 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

Tgt Ion: 129 Resp: 40234
Ion Ratio Lower Upper
129 100
127 80.1 54.7 101.7





#50

1,2-Dibromoethane

Concen: 5.216 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023075.D

Acq: 27 Oct 2021 21:58

Instrument :

MSVOA_V

ClientSampleId :

BFB243

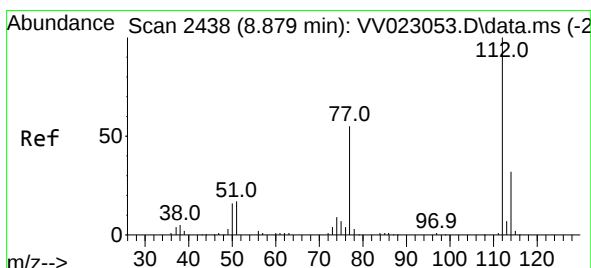
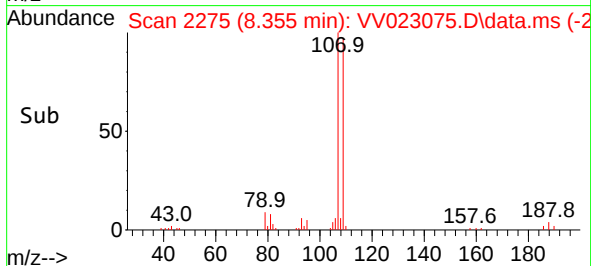
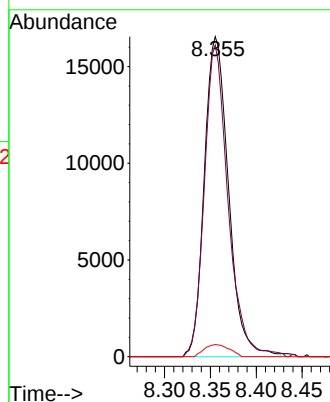
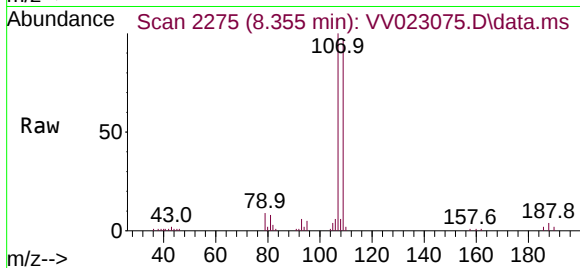
Tgt Ion:107 Resp: 30333

Ion Ratio Lower Upper

107 100

109 97.4 64.7 120.1

188 3.8 3.6 5.4



#51

Chlorobenzene

Concen: 5.232 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV023075.D

Acq: 27 Oct 2021 21:58

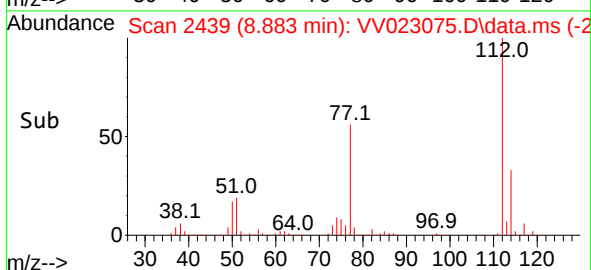
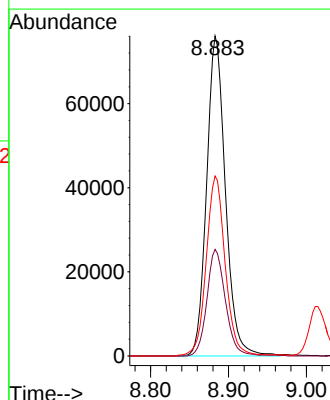
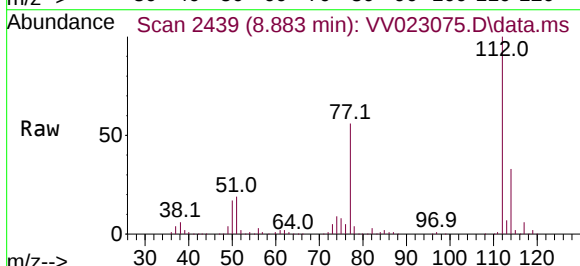
Tgt Ion:112 Resp: 127592

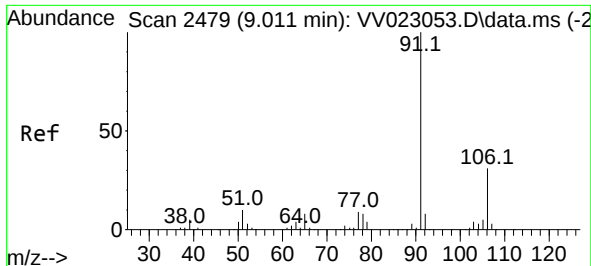
Ion Ratio Lower Upper

112 100

114 33.3 22.0 40.8

77 56.3 44.4 66.6





#52

Ethylbenzene

Concen: 5.387 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV023075.D

Acq: 27 Oct 2021 21:58

Instrument :

MSVOA_V

ClientSampleId :

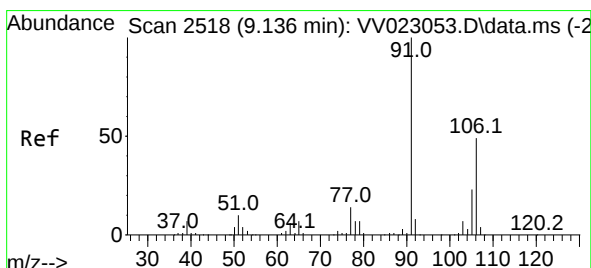
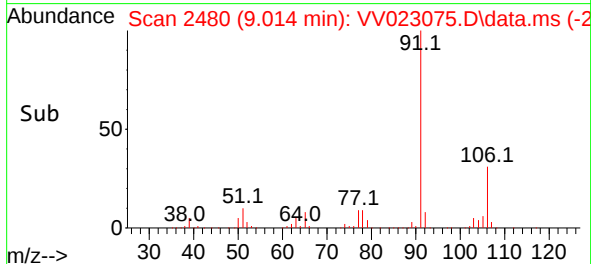
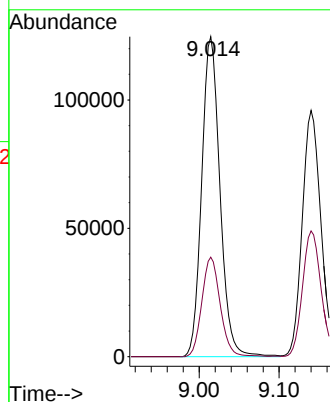
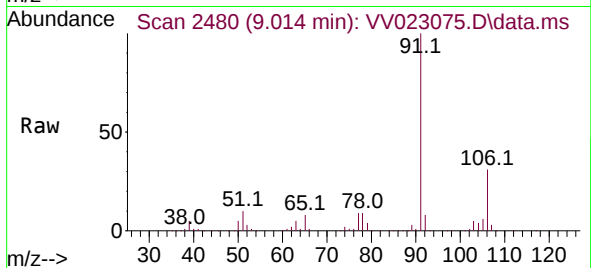
BFB243

Tgt Ion: 91 Resp: 198497

Ion Ratio Lower Upper

91 100

106 31.1 22.5 41.9



#53

m,p-xylene

Concen: 5.378 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV023075.D

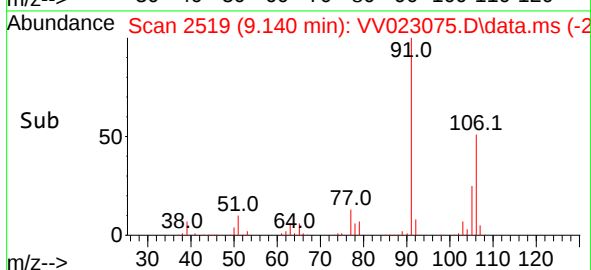
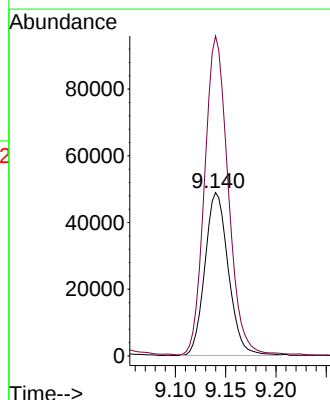
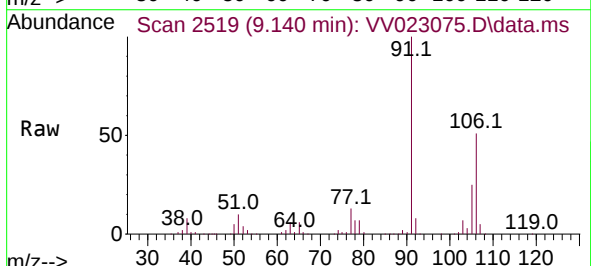
Acq: 27 Oct 2021 21:58

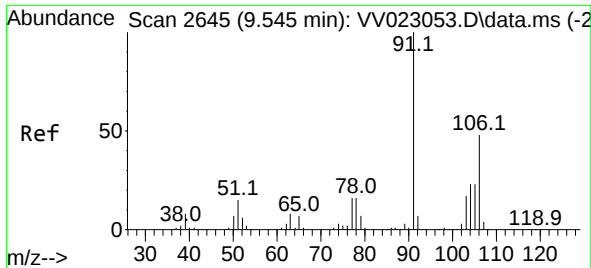
Tgt Ion: 106 Resp: 79465

Ion Ratio Lower Upper

106 100

91 195.8 137.2 254.8

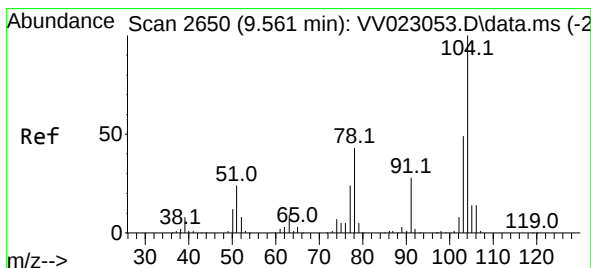
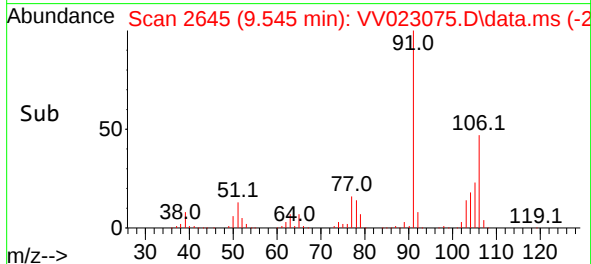
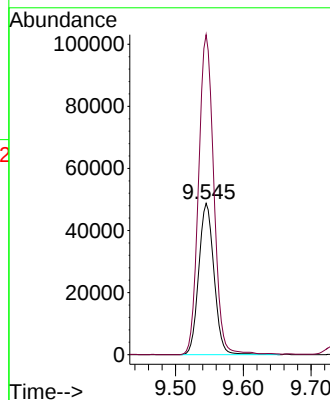
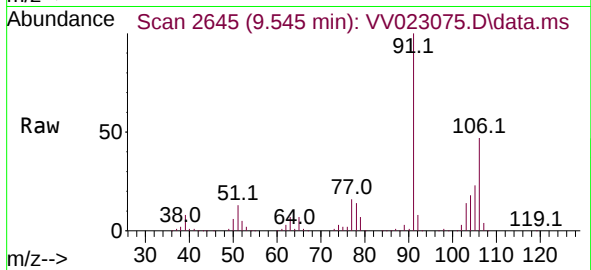




#54
o-xylene
Concen: 5.486 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

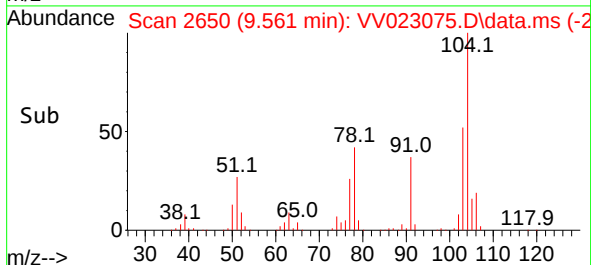
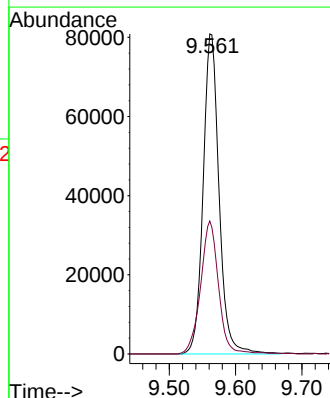
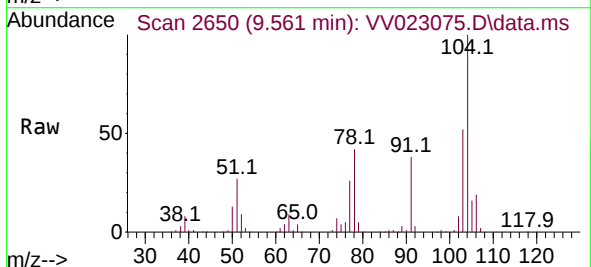
Instrument :
MSVOA_V
ClientSampleId :
BFB243

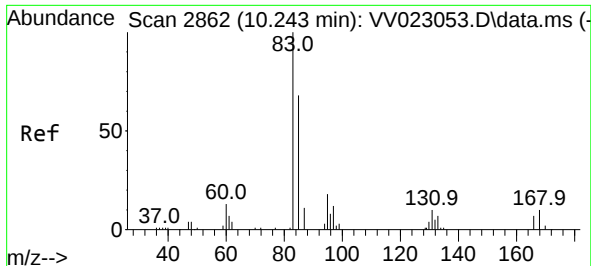
Tgt Ion:106 Resp: 76325
Ion Ratio Lower Upper
106 100
91 211.5 148.3 275.5



#55
Styrene
Concen: 5.618 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

Tgt Ion:104 Resp: 134952
Ion Ratio Lower Upper
104 100
78 41.6 29.3 54.3

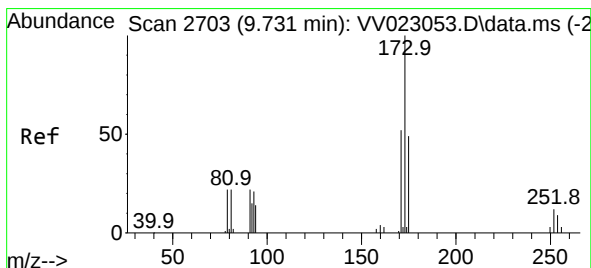
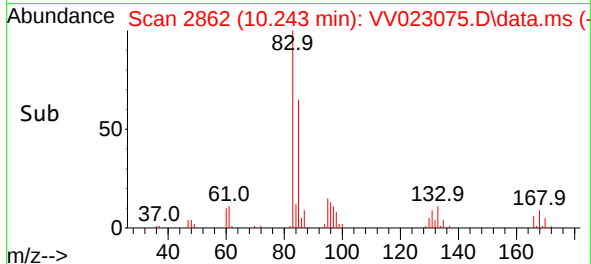
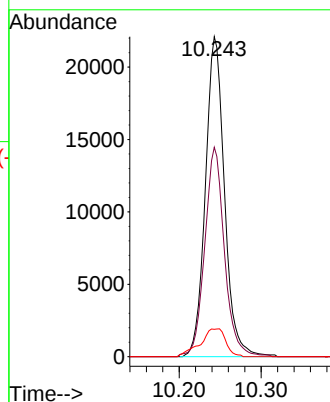
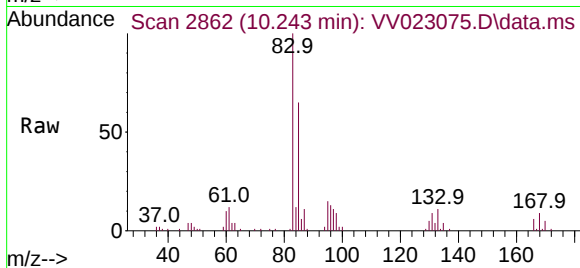




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.946 ug/L
 RT: 10.243 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023075.D
 Acq: 27 Oct 2021 21:58

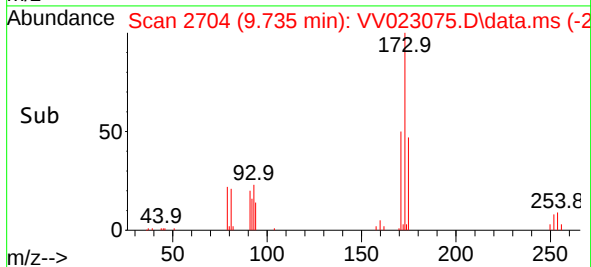
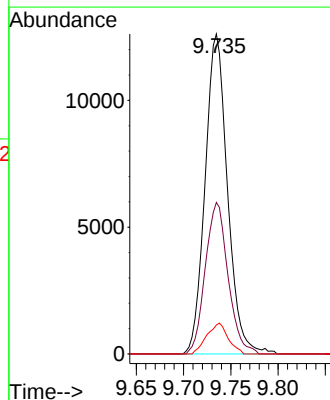
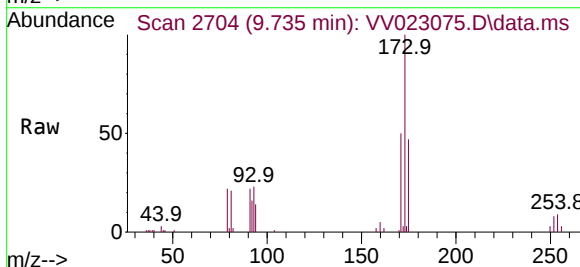
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB243

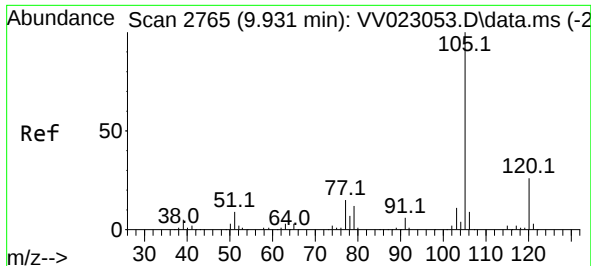
Tgt Ion: 83	Resp:	35713
Ion Ratio	Lower	Upper
83	100	
85	65.5	45.1 83.9
131	8.6	7.8 11.6



#59
 Bromoform
 Concen: 4.969 ug/L
 RT: 9.735 min Scan# 2704
 Delta R.T. 0.003 min
 Lab File: VV023075.D
 Acq: 27 Oct 2021 21:58

Tgt Ion: 173	Resp:	20782
Ion Ratio	Lower	Upper
173	100	
175	48.1	38.2 57.2
254	9.2	6.2 9.2

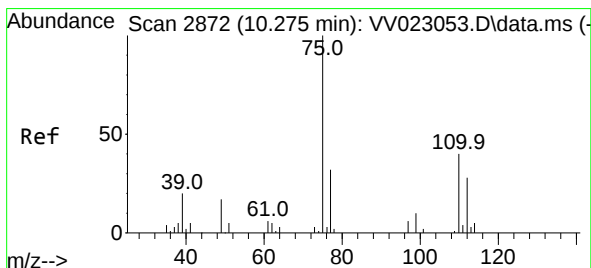
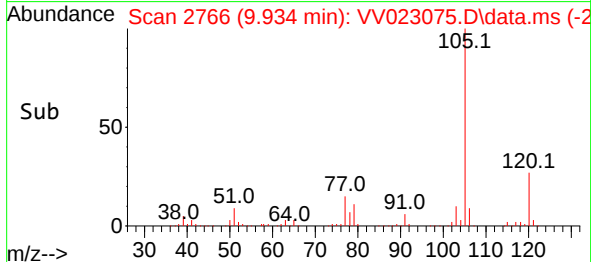
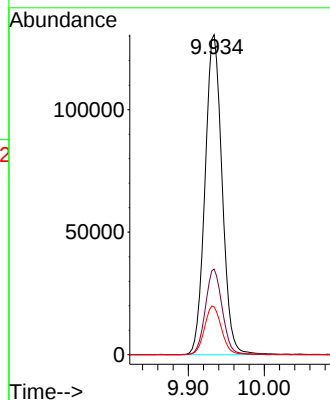
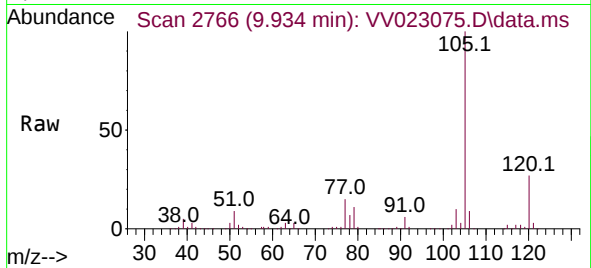




#60
Isopropylbenzene
Concen: 5.607 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

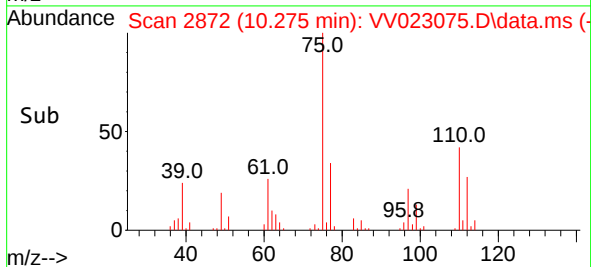
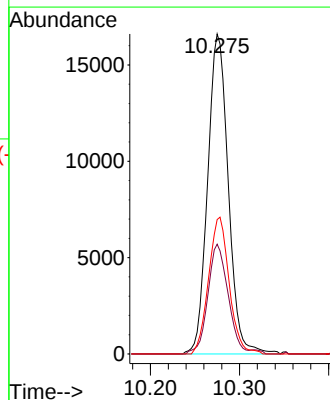
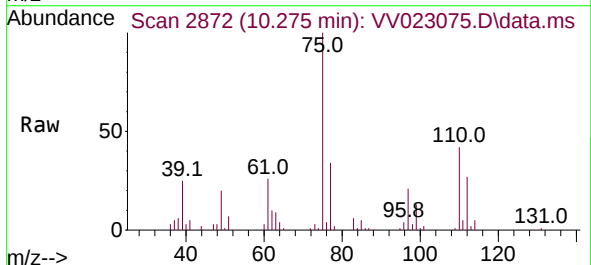
Instrument :
MSVOA_V
ClientSampleId :
BFB243

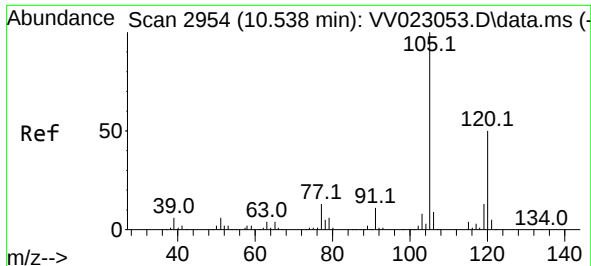
Tgt Ion:105 Resp: 203540
Ion Ratio Lower Upper
105 100
120 26.5 21.7 32.5
77 15.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.287 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

Tgt Ion: 75 Resp: 26709
Ion Ratio Lower Upper
75 100
77 33.5 26.6 39.8
110 42.7 31.8 47.6

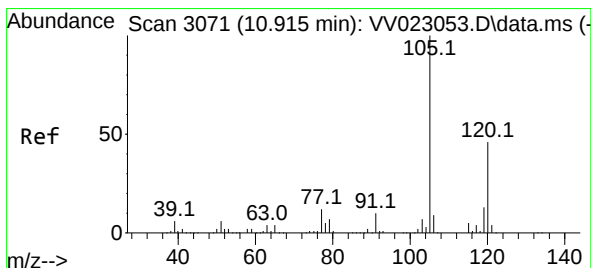
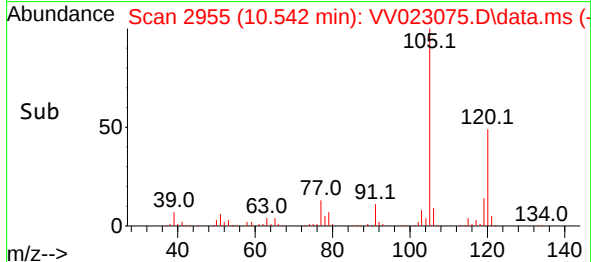
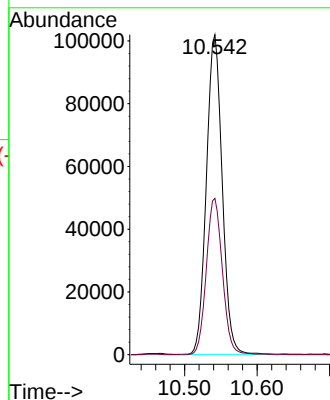
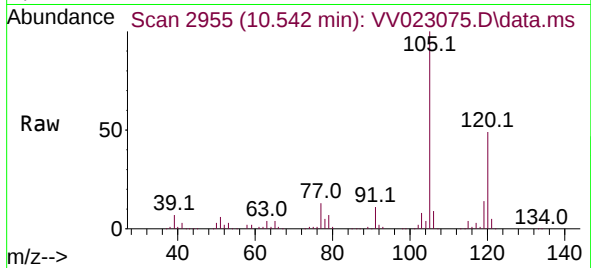




#62
 1,3,5-Trimethylbenzene
 Concen: 5.291 ug/L
 RT: 10.542 min Scan# 2955
 Delta R.T. 0.003 min
 Lab File: VV023075.D
 Acq: 27 Oct 2021 21:58

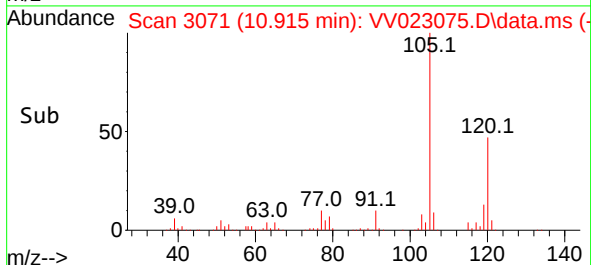
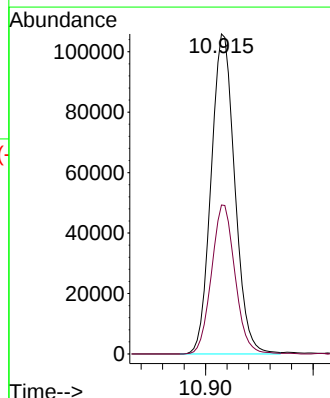
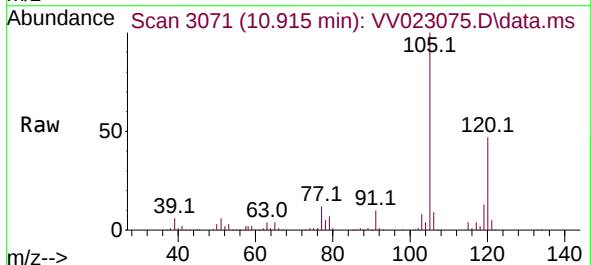
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB243

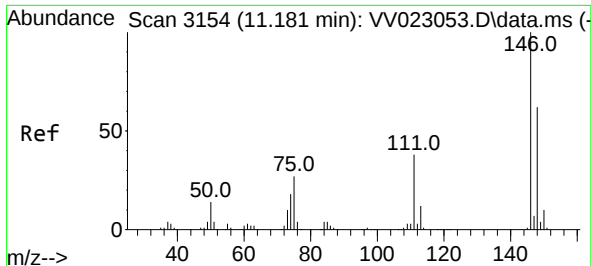
Tgt Ion:105 Resp: 154267
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.555 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023075.D
 Acq: 27 Oct 2021 21:58

Tgt Ion:105 Resp: 161646
 Ion Ratio Lower Upper
 105 100
 120 46.4 37.4 56.2

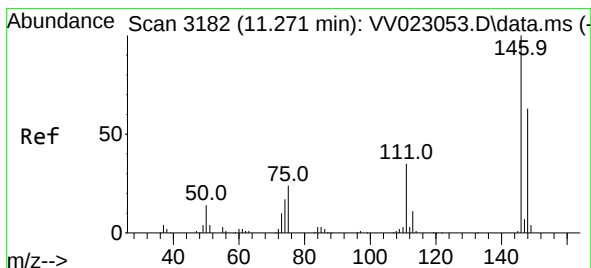
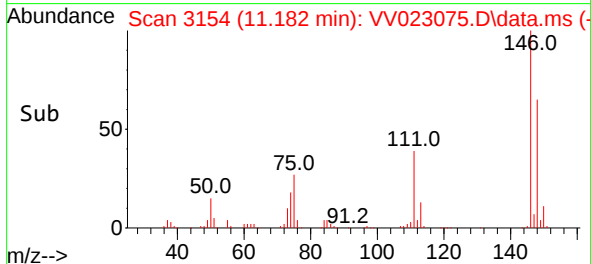
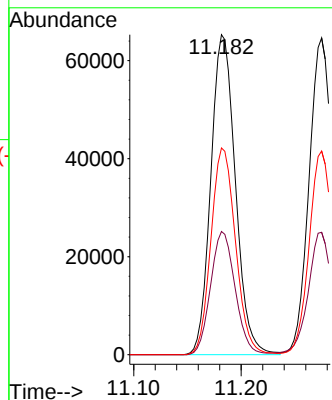
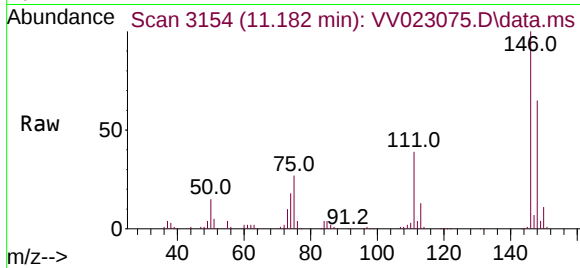




#64
1,3-Dichlorobenzene
Concen: 5.434 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

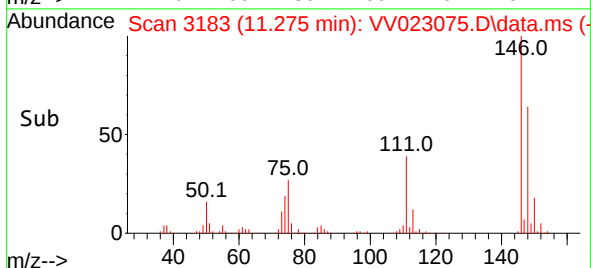
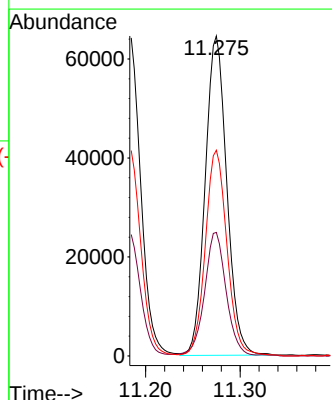
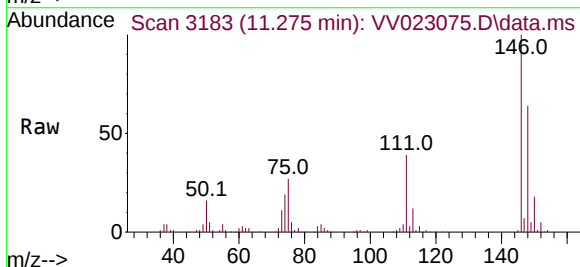
Instrument :
MSVOA_V
ClientSampleId :
BFB243

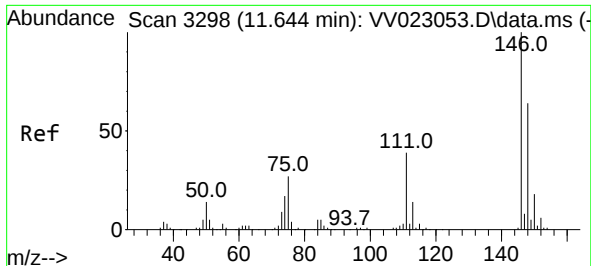
Tgt Ion:146 Resp: 103805
Ion Ratio Lower Upper
146 100
111 38.5 26.7 49.7
148 64.6 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 5.269 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

Tgt Ion:146 Resp: 102241
Ion Ratio Lower Upper
146 100
111 38.6 26.2 48.8
148 64.3 44.4 82.5

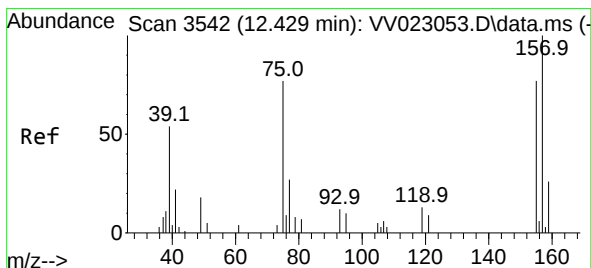
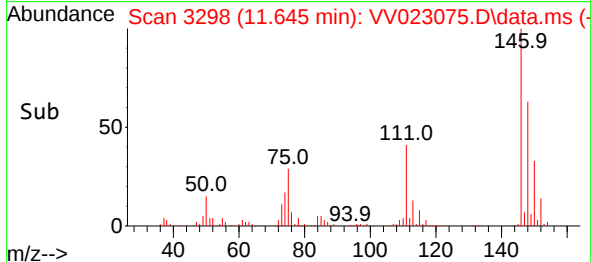
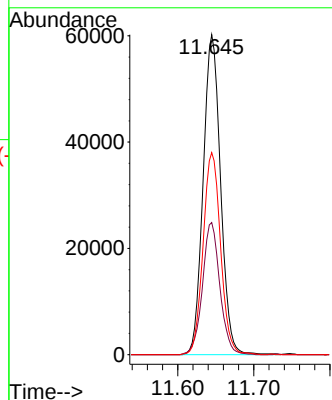
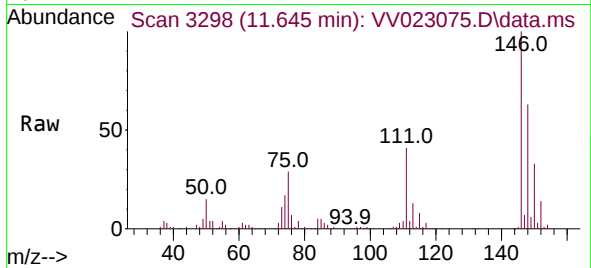




#67
1,2-Dichlorobenzene
Concen: 5.387 ug/L
RT: 11.645 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

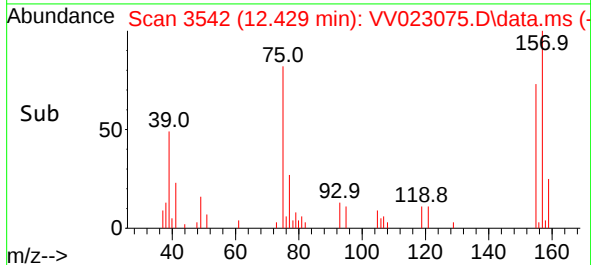
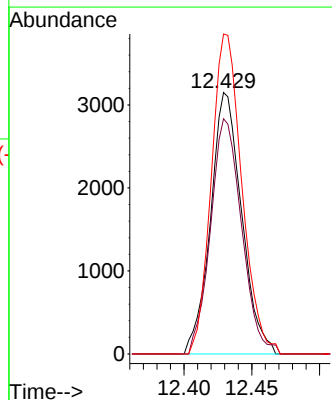
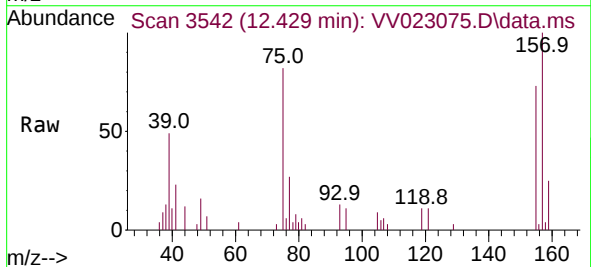
Instrument :
MSVOA_V
ClientSampleId :
BFB243

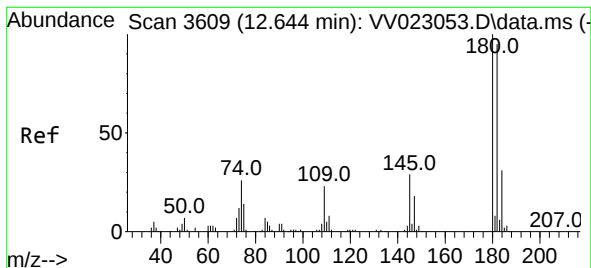
Tgt Ion:146 Resp: 95783
Ion Ratio Lower Upper
146 100
111 41.3 31.6 47.4
148 63.2 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.041 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

Tgt Ion: 75 Resp: 5025
Ion Ratio Lower Upper
75 100
155 89.9 67.7 101.5
157 122.4 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 5.001 ug/L

RT: 12.648 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV023075.D

Acq: 27 Oct 2021 21:58

Instrument :

MSVOA_V

ClientSampleId :

BFB243

Tgt Ion:180 Resp: 72754

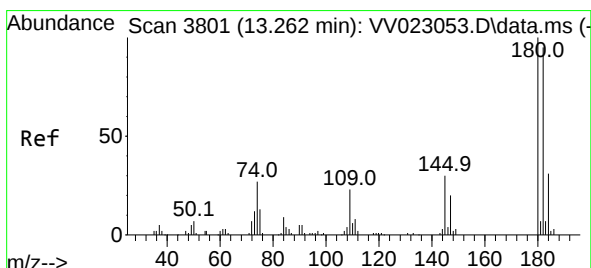
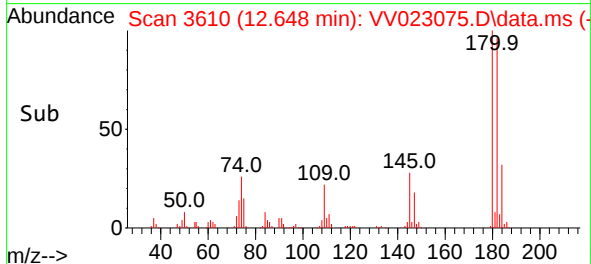
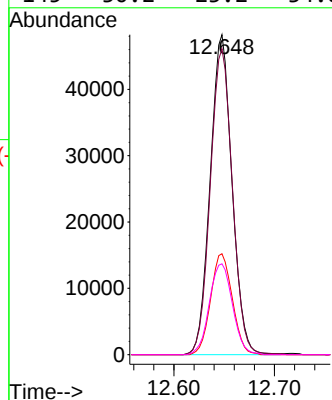
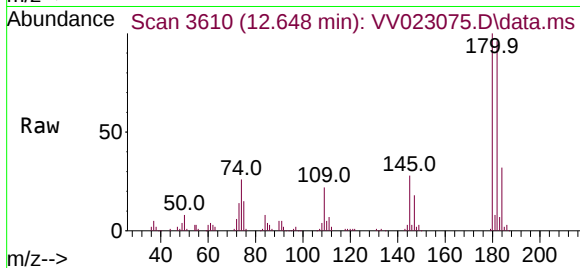
Ion Ratio Lower Upper

180 100

182 96.8 74.9 112.3

184 31.3 23.8 35.8

145 30.2 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.198 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023075.D

Acq: 27 Oct 2021 21:58

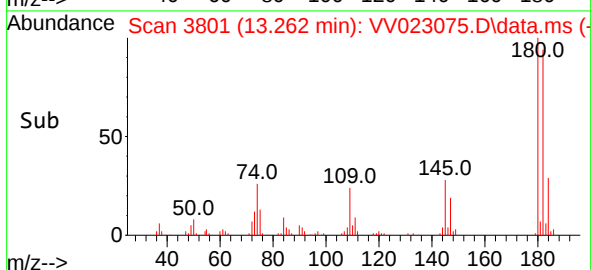
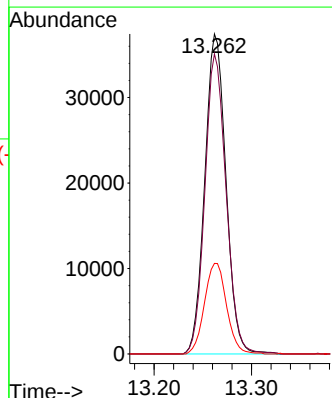
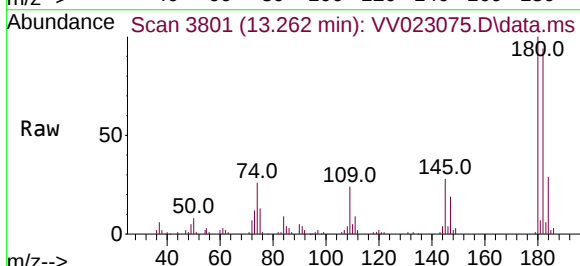
Tgt Ion:180 Resp: 56587

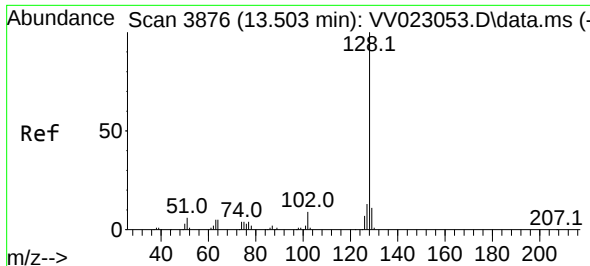
Ion Ratio Lower Upper

180 100

182 93.9 76.9 115.3

145 29.6 24.4 36.6

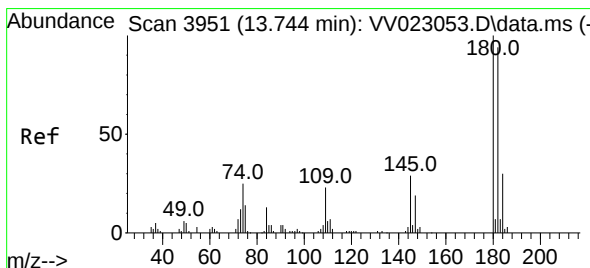
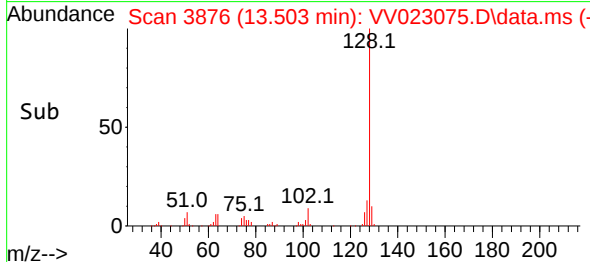
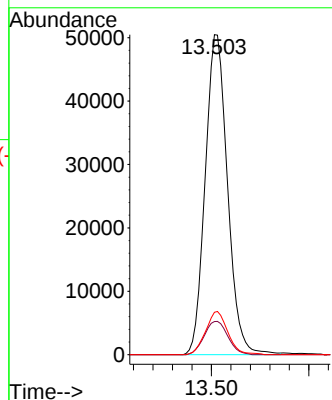
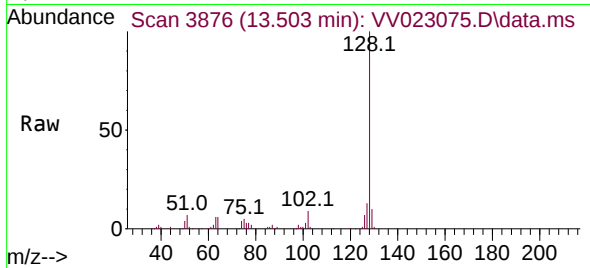




#71
Naphthalene
Concen: 4.854 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

Instrument :
MSVOA_V
ClientSampleId :
BFB243

Tgt Ion:128 Resp: 80334
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.5 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.152 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV023075.D
Acq: 27 Oct 2021 21:58

Tgt Ion:180 Resp: 52062
Ion Ratio Lower Upper
180 100
182 94.9 76.7 115.1
145 32.2 25.7 38.5

