

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023266.D
 Acq On : 06 Nov 2021 04:50
 Operator : SY/MD
 Sample : M4545-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4605MS

Quant Time: Nov 09 04:47:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 03:48:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	139028	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	138251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37959	4.358	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.571	69	33751	4.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.114	63	76050	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.889	46	99189	66.104	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.200%#
24) Chloroform-d	4.352	84	89801	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.037	65	42086	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.053	84	171331	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.072	67	50935	4.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.317	98	160569	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.625	79	18763	4.739	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.088	63	81887	56.210	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39002	5.194	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	60886	4.857	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	67222	4.959	ug/L	98
3) Chloromethane	1.243	50	60250	5.227	ug/L	98
5) Vinyl chloride	1.314	62	60244	5.233	ug/L	99
6) Bromomethane	1.526	94	28036	3.810	ug/L	97
8) Chloroethane	1.587	64	49240	7.412	ug/L	98
9) Trichlorofluoromethane	1.757	101	87183	5.041	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	44911	5.158	ug/L	98
12) 1,1-Dichloroethene	2.121	96	42776	5.160	ug/L	94
13) Acetone	2.182	43	61851	67.460	ug/L	92
14) Carbon disulfide	2.297	76	154865	4.950	ug/L	100
15) Methyl Acetate	2.439	43	10464	4.033	ug/L	94
16) Methylene chloride	2.510	84	49924	4.126	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	95620	5.239	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	50806	4.985	ug/L	98
19) 1,1-Dichloroethane	3.191	63	88660	5.152	ug/L	98
21) 2-Butanone	3.976	43	93108	62.812	ug/L	95
22) cis-1,2-Dichloroethene	3.918	96	52761	5.379	ug/L #	86
23) Bromochloromethane	4.252	128	22562	4.988	ug/L	86
25) Chloroform	4.378	83	94034	5.127	ug/L	95

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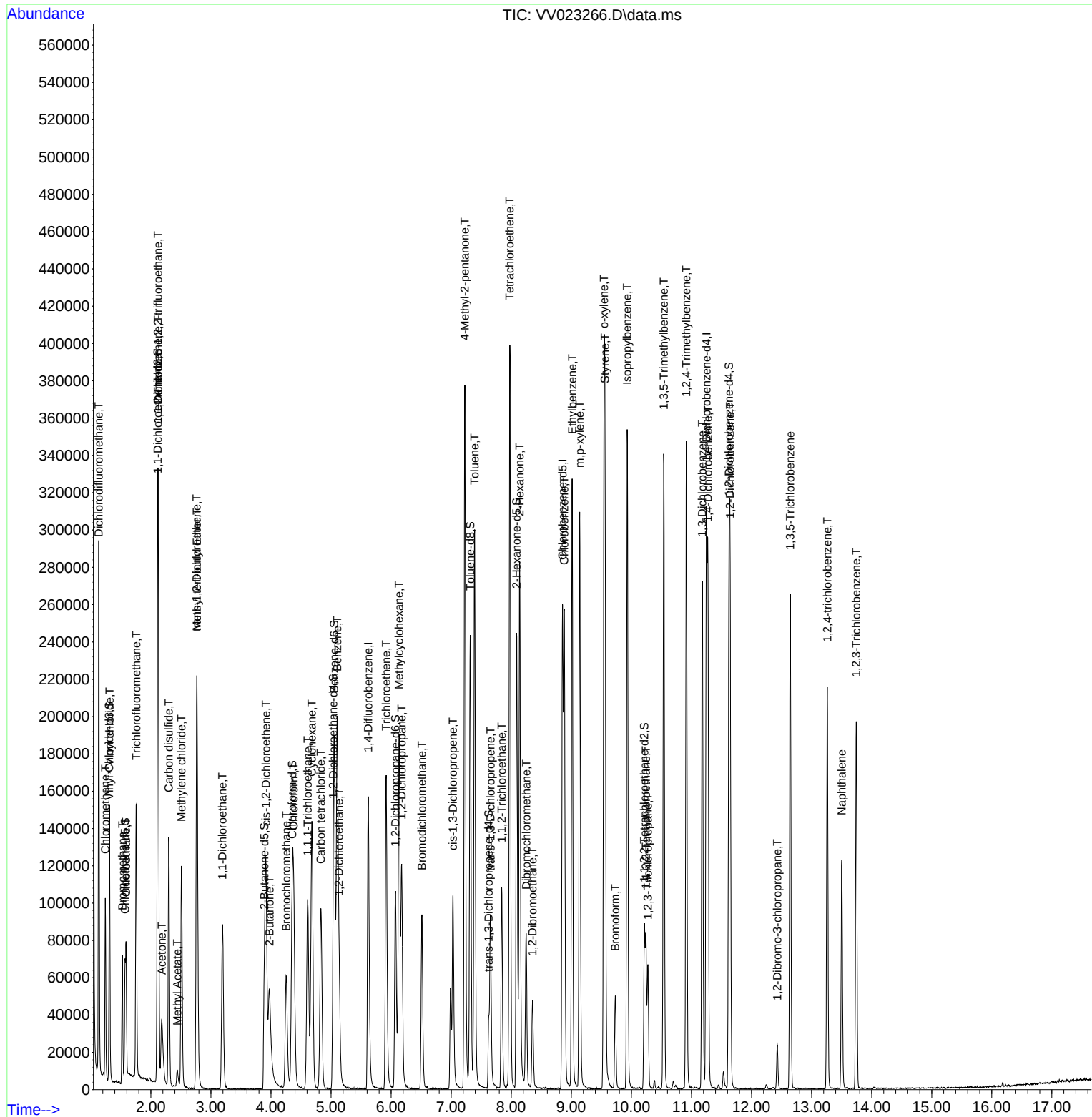
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	50676	5.194	ug/L	100
29) 1,1,1-Trichloroethane	4.612	97	83476	4.971	ug/L	99
30) Cyclohexane	4.680	56	72862	4.843	ug/L	97
31) Carbon tetrachloride	4.831	117	74370	4.932	ug/L	99
33) Benzene	5.101	78	199820	5.171	ug/L	100
34) Trichloroethene	5.918	95	58871	5.729	ug/L	97
35) Methylcyclohexane	6.133	83	77138	4.756	ug/L	97
37) 1,2-Dichloropropane	6.175	63	47817	5.301	ug/L	99
38) Bromodichloromethane	6.513	83	61420	5.081	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	63007	4.856	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	240759	57.545	ug/L	99
42) Toluene	7.391	91	218669	5.291	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	53819	4.999	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	33439	5.159	ug/L	96
47) Tetrachloroethene	7.976	164	90180	10.126	ug/L	99
48) 2-Hexanone	8.140	43	174169	59.409	ug/L	98
49) Dibromochloromethane	8.249	129	42475	5.172	ug/L	99
50) 1,2-Dibromoethane	8.355	107	30853	5.136	ug/L	96
51) Chlorobenzene	8.882	112	136208	4.958	ug/L	99
52) Ethylbenzene	9.014	91	220783	5.065	ug/L	98
53) m,p-xylene	9.140	106	87166	5.095	ug/L	97
54) o-xylene	9.545	106	83101	5.178	ug/L	100
55) Styrene	9.561	104	138004	5.019	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.242	83	37514	5.282	ug/L	98
59) Bromoform	9.731	173	22211	4.940	ug/L	98
60) Isopropylbenzene	9.931	105	220665	5.108	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26272	5.254	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	179271	5.005	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	181949	5.103	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	114108	5.170	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	113163	5.020	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	102336	5.181	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5227	4.906	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	81334	4.706	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	65445	4.729	ug/L	100
71) Naphthalene	13.503	128	96597	4.733	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	59527	4.916	ug/L	99

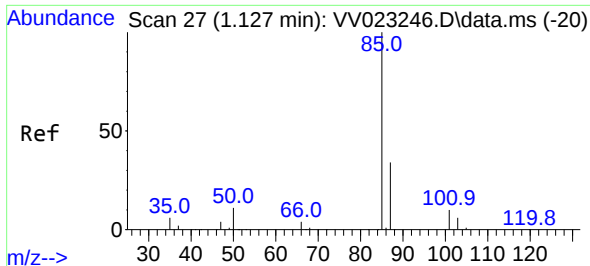
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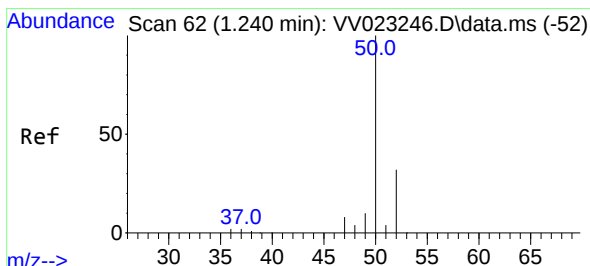
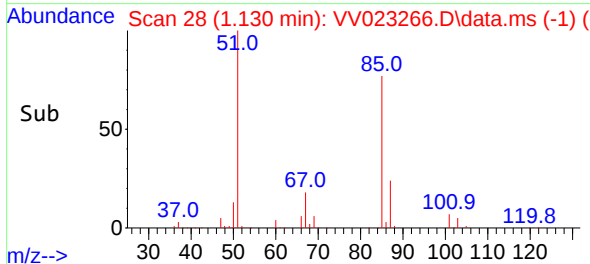
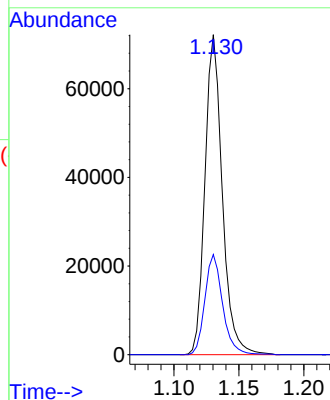
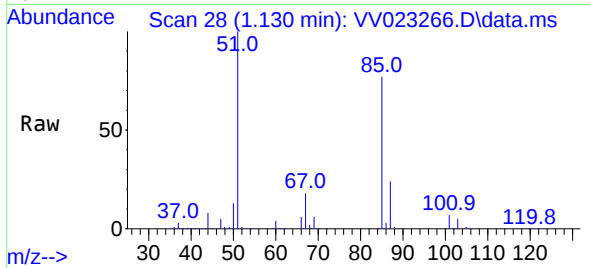




#2
Dichlorodifluoromethane
Concen: 4.959 ug/L
RT: 1.130 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

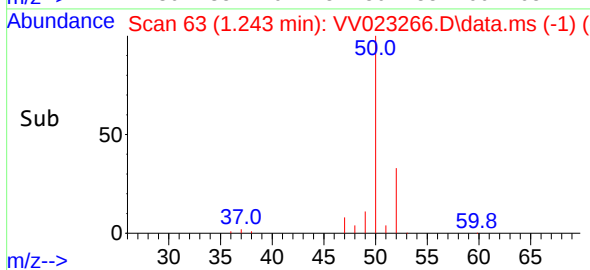
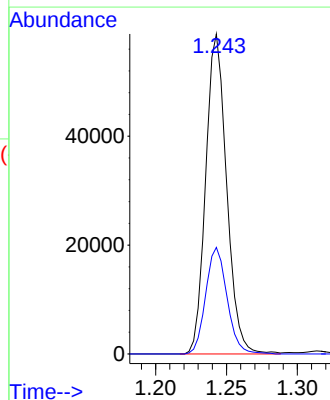
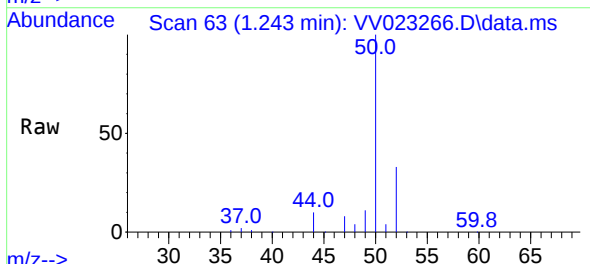
Instrument :
MSVOA_V
ClientSampleId :
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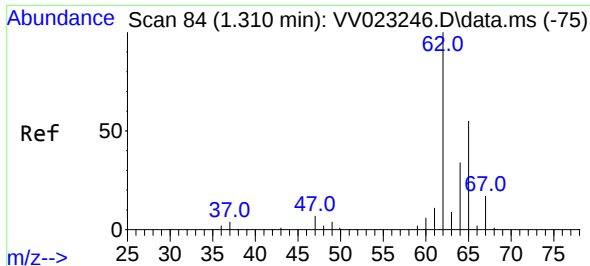
Tgt Ion: 85 Resp: 67222
Ion Ratio Lower Upper
85 100
87 32.1 26.6 39.8



#3
Chloromethane
Concen: 5.227 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 50 Resp: 60250
Ion Ratio Lower Upper
50 100
52 33.3 24.3 45.1

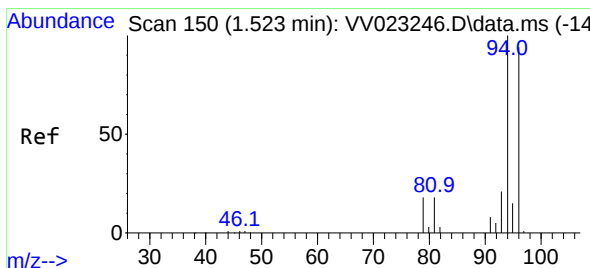
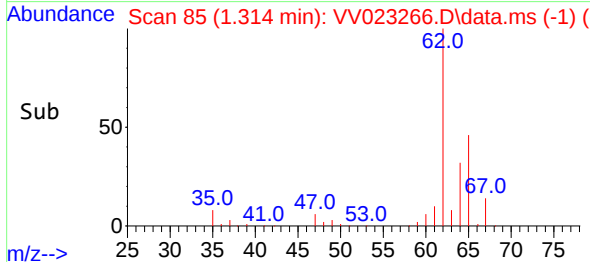
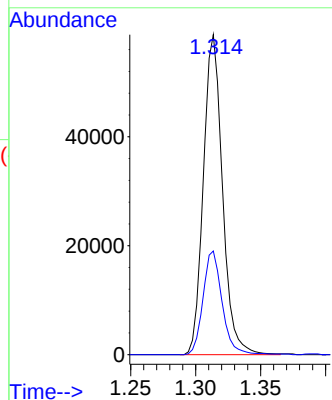
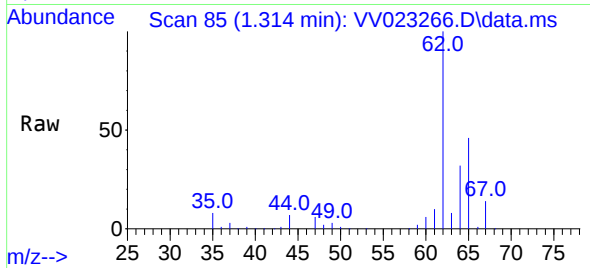




#5
 Vinyl chloride
 Concen: 5.233 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023266.D
 Acq: 06 Nov 2021 04:50

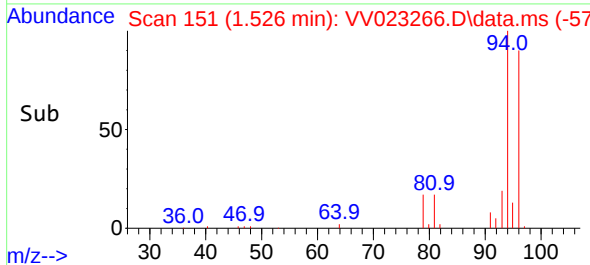
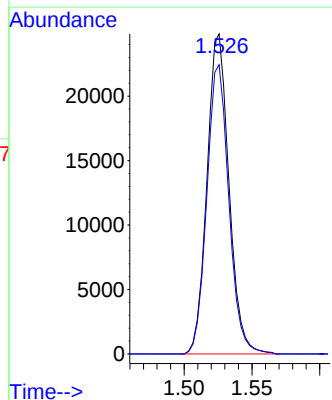
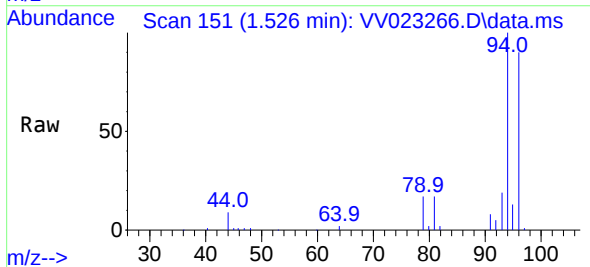
Instrument :
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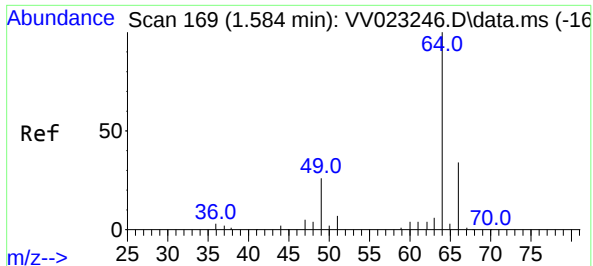
Tgt Ion: 62 Resp: 60244
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.1 42.9



#6
 Bromomethane
 Concen: 3.810 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV023266.D
 Acq: 06 Nov 2021 04:50

Tgt Ion: 94 Resp: 28036
 Ion Ratio Lower Upper
 94 100
 96 90.4 65.0 120.8

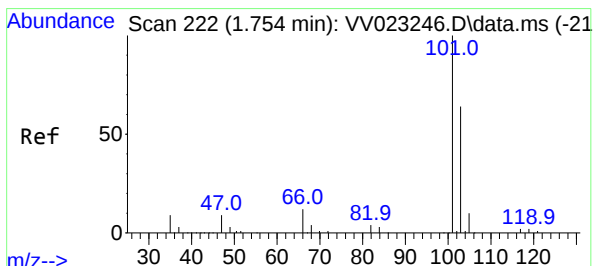
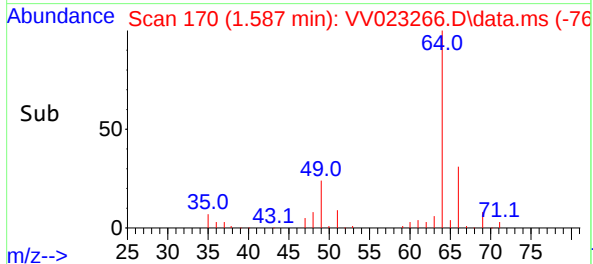
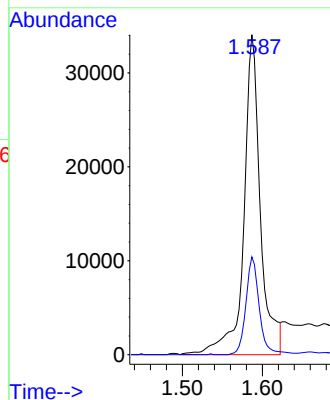
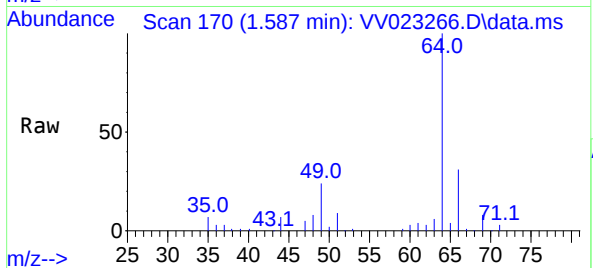




#8
Chloroethane
Concen: 7.412 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

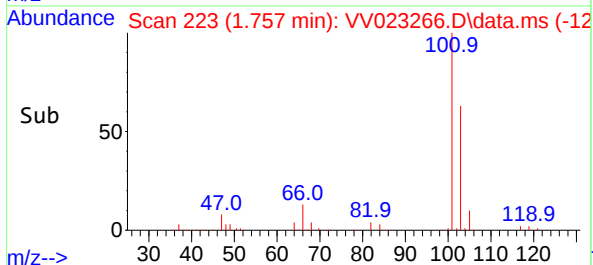
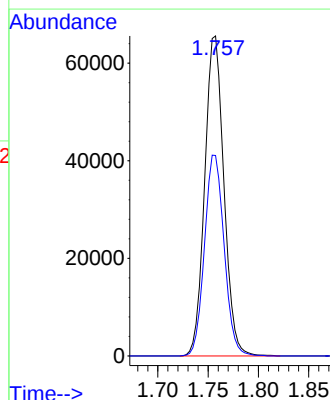
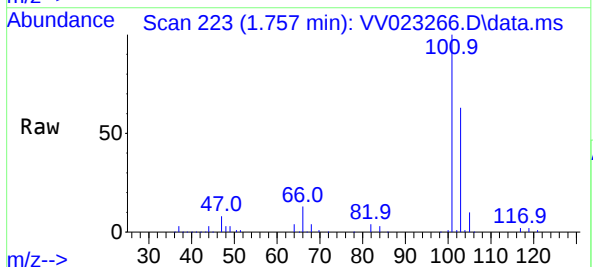
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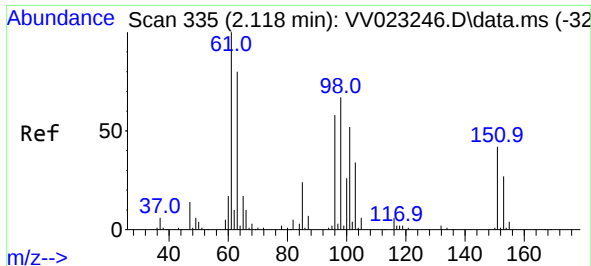
Tgt Ion: 64 Resp: 49240
Ion Ratio Lower Upper
64 100
66 30.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.041 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion:101 Resp: 87183
Ion Ratio Lower Upper
101 100
103 64.2 52.6 79.0

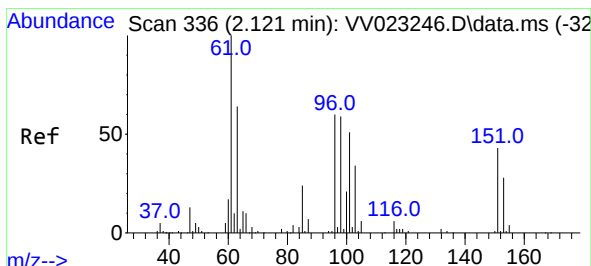
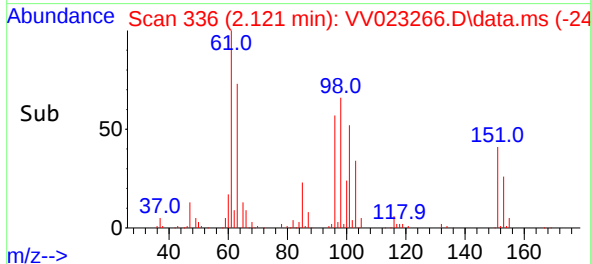
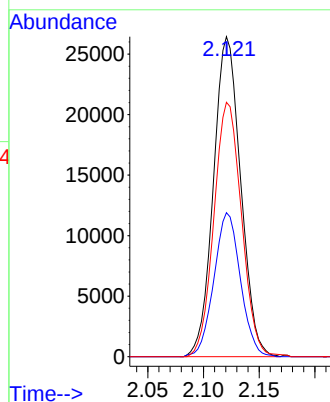
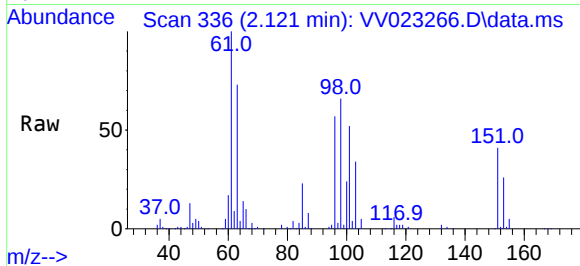




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.158 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

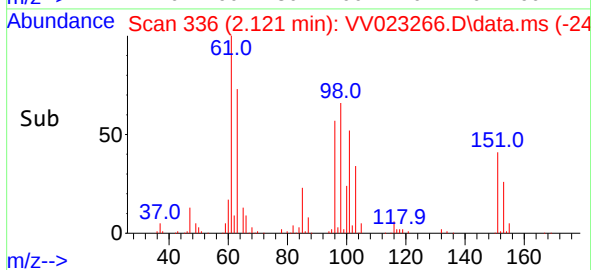
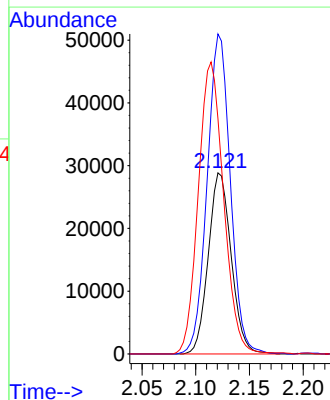
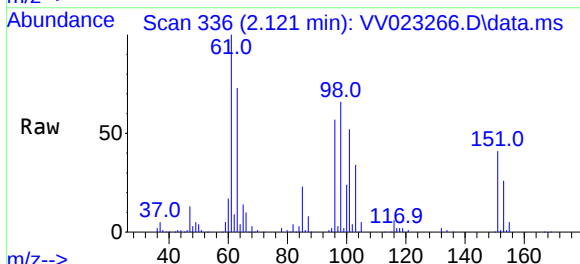
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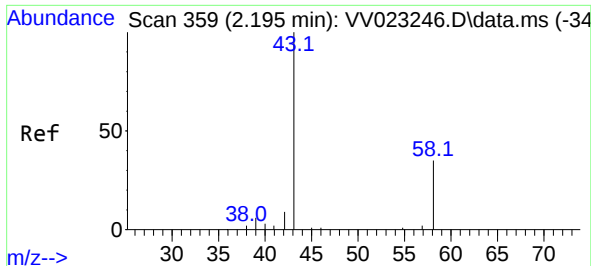
Tgt Ion:101 Resp: 44911
Ion Ratio Lower Upper
101 100
85 43.8 35.3 52.9
151 80.6 62.2 93.2



#12
1,1-Dichloroethene
Concen: 5.160 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 96 Resp: 42776
Ion Ratio Lower Upper
96 100
61 176.7 121.5 225.7
63 129.8 99.6 185.0





#13

Acetone

Concen: 67.460 ug/L

RT: 2.182 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

ClientSampleId :

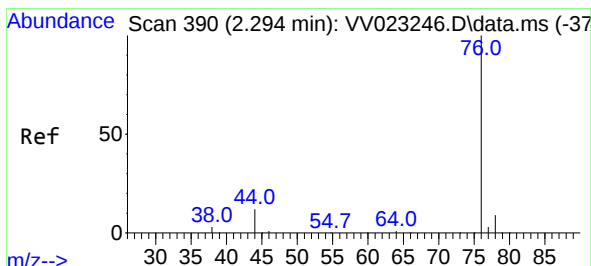
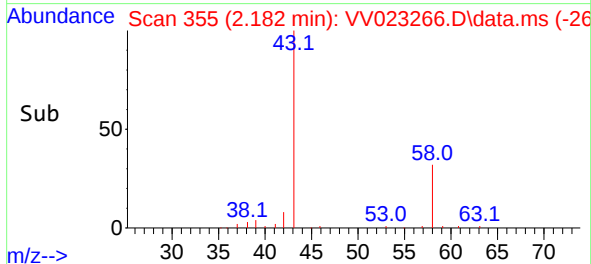
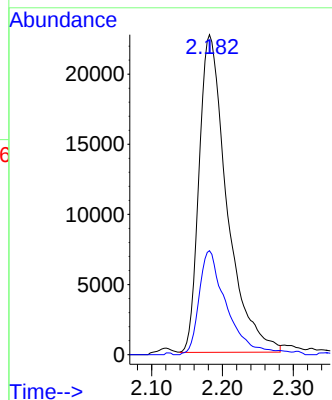
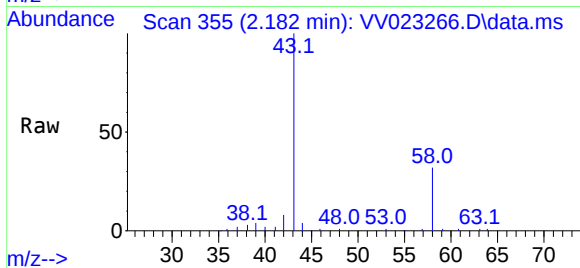
H4605MS

Tgt Ion: 43 Resp: 61851

Ion Ratio Lower Upper

43 100

58 32.0 0.0 55.4



#14

Carbon disulfide

Concen: 4.950 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

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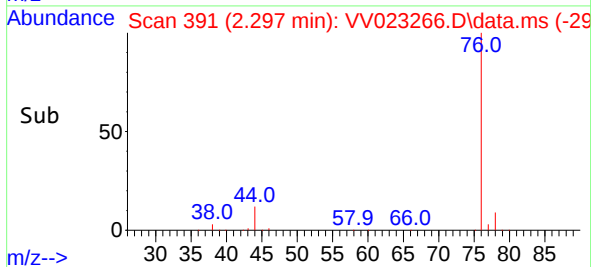
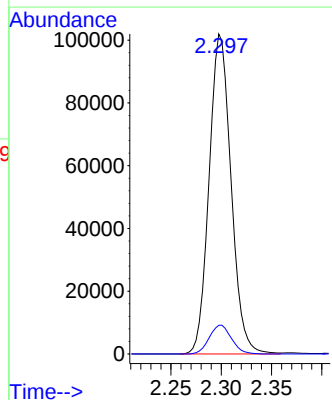
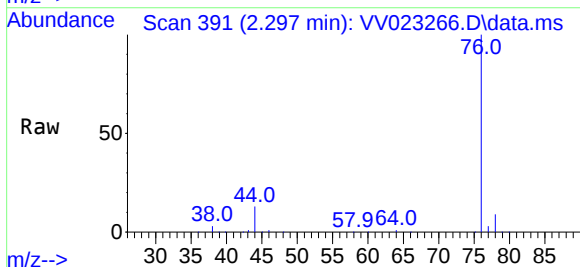
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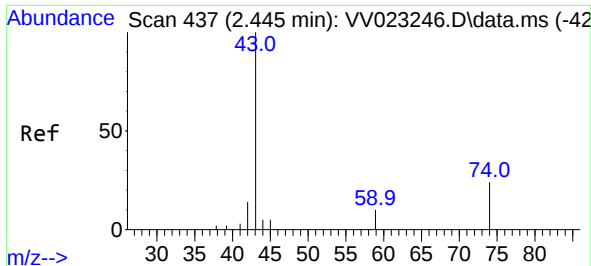
Tgt Ion: 76 Resp: 154865

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

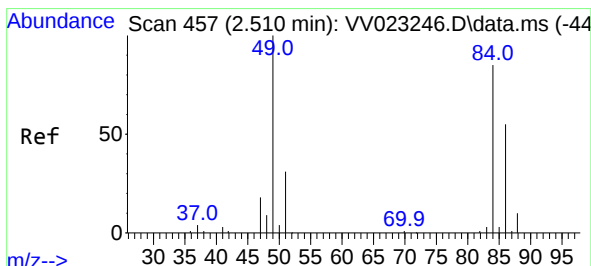
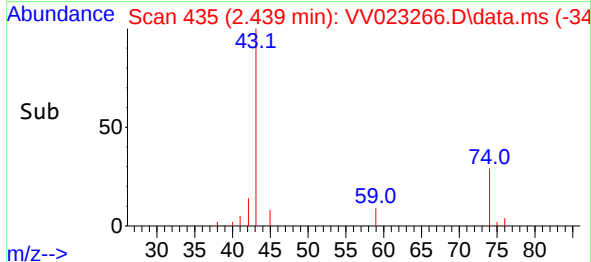
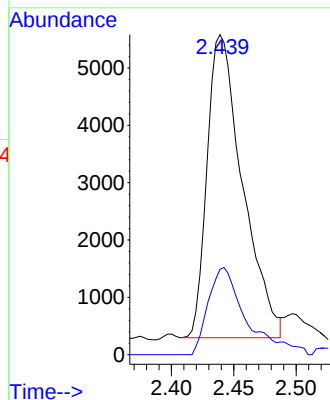
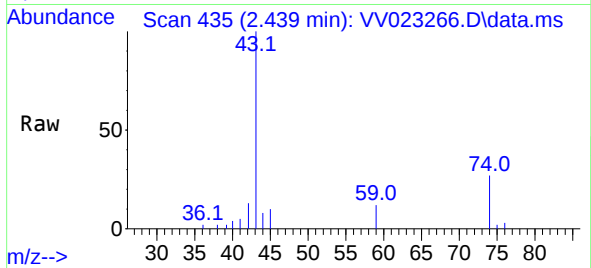




#15
Methyl Acetate
Concen: 4.033 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

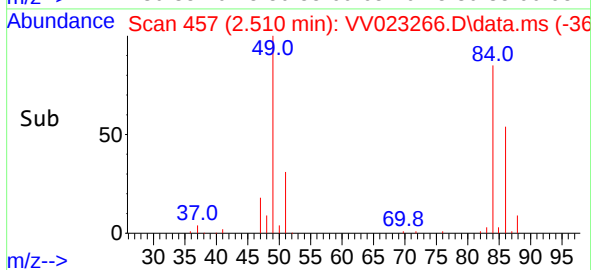
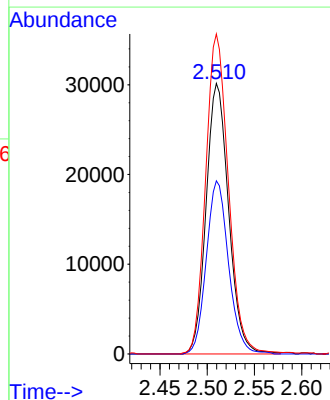
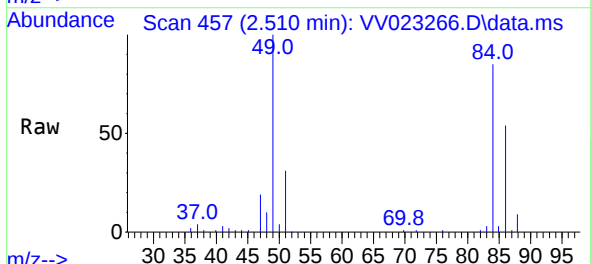
Instrument :
MSVOA_V
ClientSampleId :
H4605MS

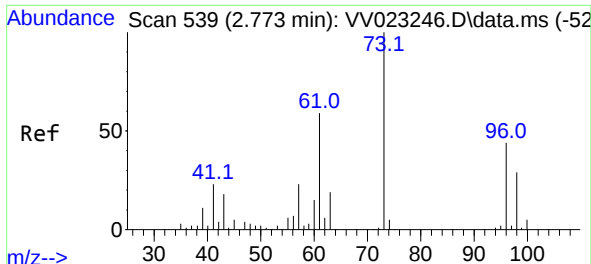
Tgt Ion: 43 Resp: 10464
Ion Ratio Lower Upper
43 100
74 30.8 22.2 33.2



#16
Methylene chloride
Concen: 4.126 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 84 Resp: 49924
Ion Ratio Lower Upper
84 100
86 64.0 42.3 78.5
49 118.3 79.7 148.1





#17

Methyl tert-butyl Ether

Concen: 5.239 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.007 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

ClientSampleId :

H4605MS

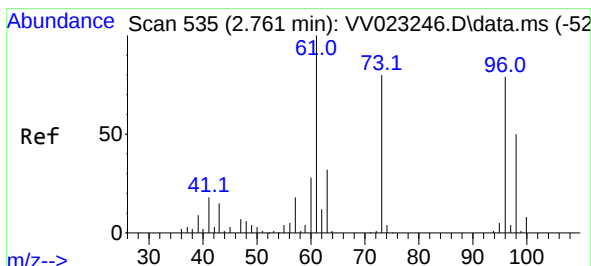
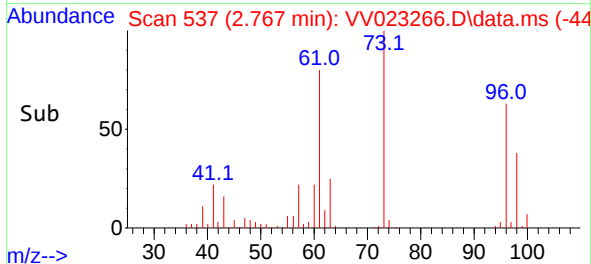
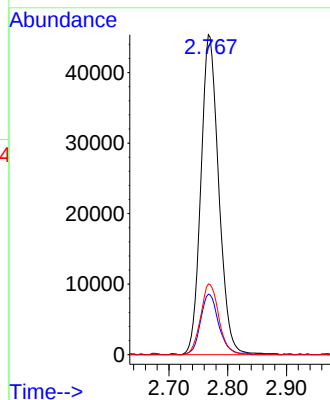
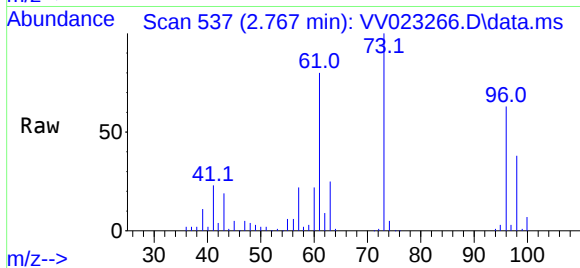
Tgt Ion: 73 Resp: 95620

Ion Ratio Lower Upper

73 100

43 19.2 17.4 26.0

57 22.5 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 4.985 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.003 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

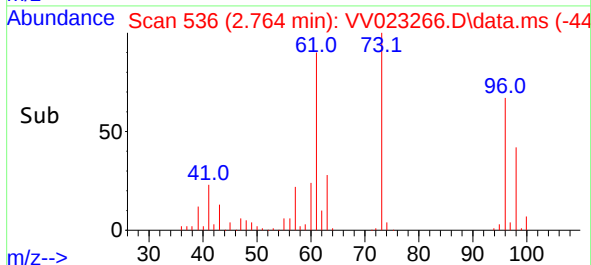
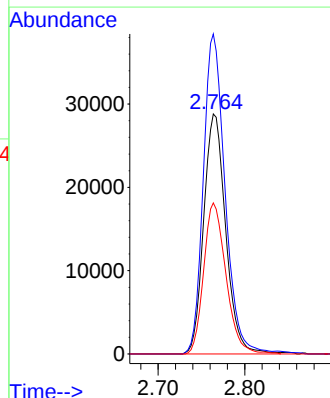
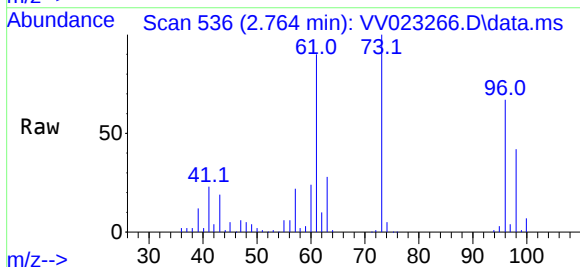
Tgt Ion: 96 Resp: 50806

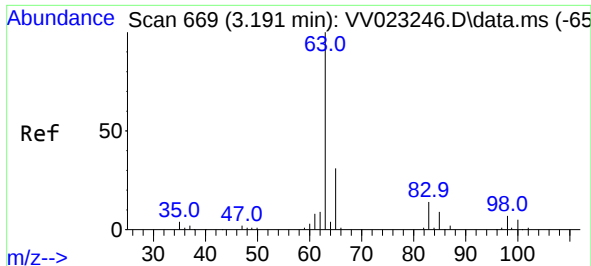
Ion Ratio Lower Upper

96 100

61 133.4 93.2 173.2

98 63.0 47.0 87.2

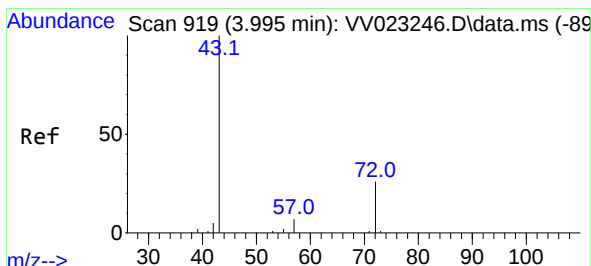
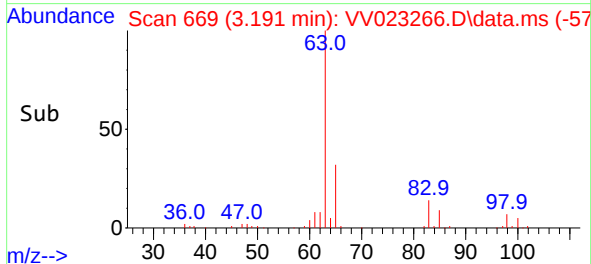
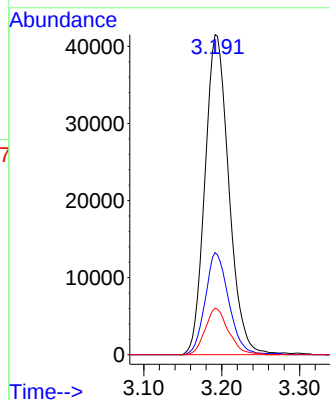
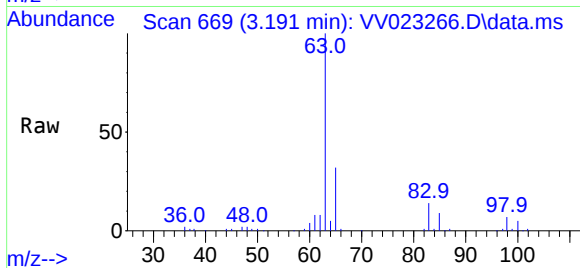




#19
1,1-Dichloroethane
Concen: 5.152 ug/L
RT: 3.191 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

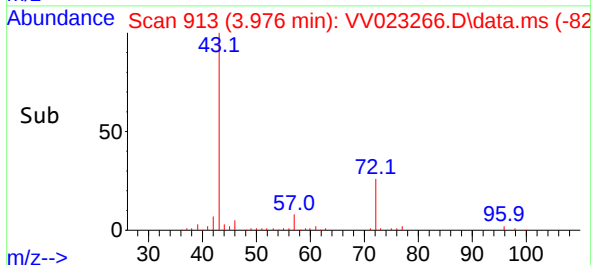
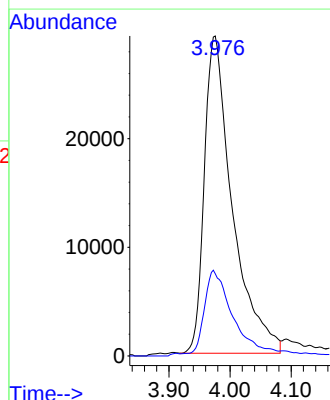
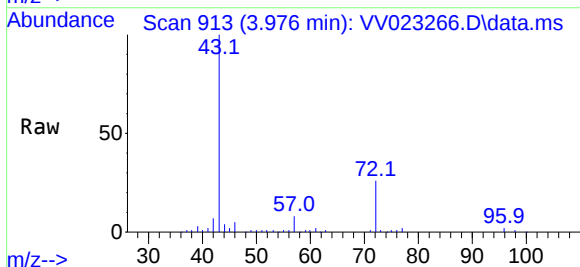
Instrument :
MSVOA_V
ClientSampleId :
H4605MS

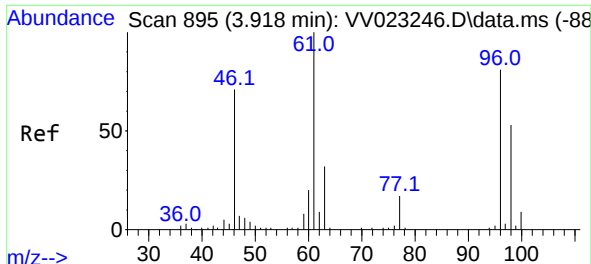
Tgt Ion: 63 Resp: 88660
Ion Ratio Lower Upper
63 100
65 31.9 22.6 42.0
83 14.5 11.1 20.7



#21
2-Butanone
Concen: 62.812 ug/L
RT: 3.976 min Scan# 913
Delta R.T. -0.019 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 43 Resp: 93108
Ion Ratio Lower Upper
43 100
72 26.3 11.9 35.9

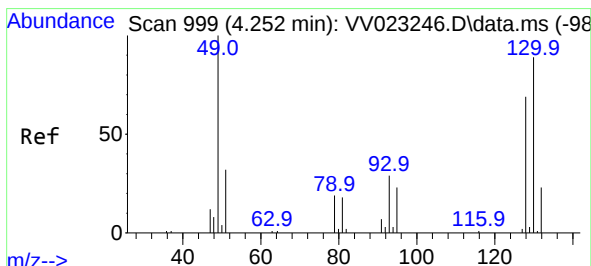
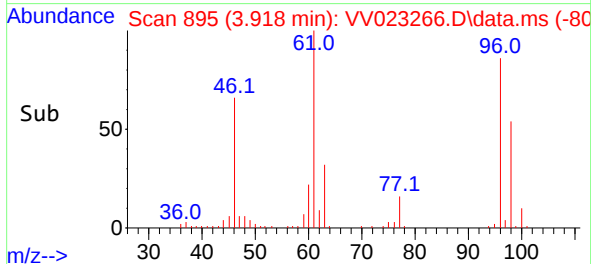
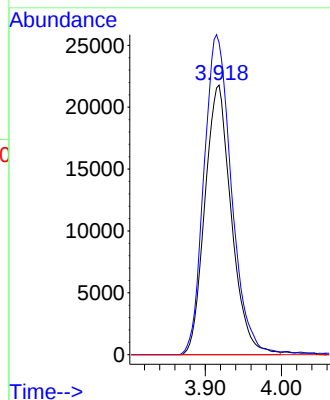
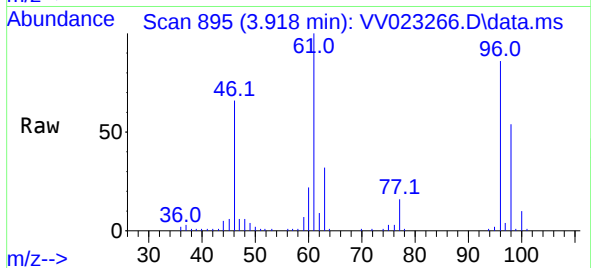




#22
cis-1,2-Dichloroethene
Concen: 5.379 ug/L
RT: 3.918 min Scan# 895
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

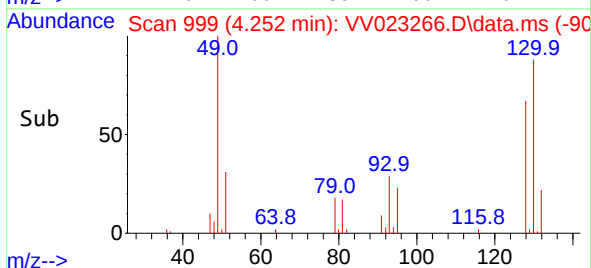
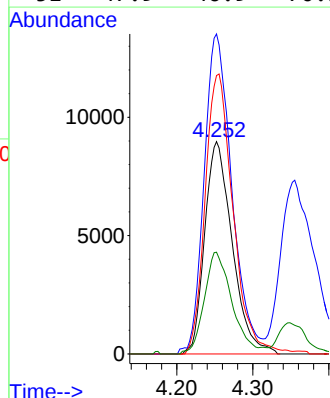
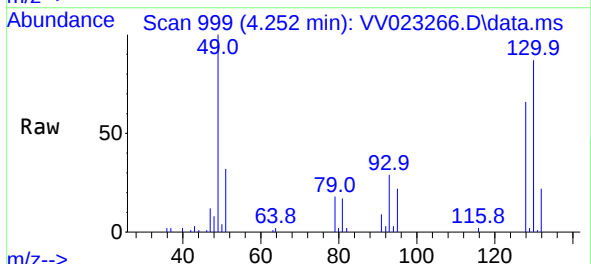
Instrument :
MSVOA_V
ClientSampleId :
H4605MS

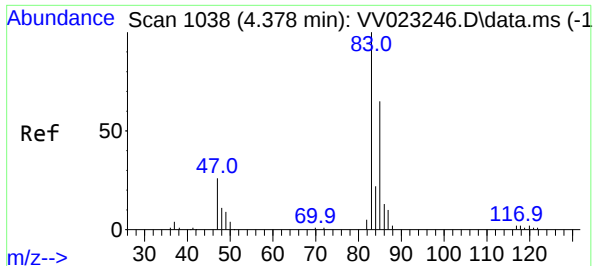
Tgt Ion: 96 Resp: 52761
Ion Ratio Lower Upper
96 100
61 115.7 92.3 171.3
68 0.0 0.4 0.8#



#23
Bromochloromethane
Concen: 4.988 ug/L
RT: 4.252 min Scan# 999
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion:128 Resp: 22562
Ion Ratio Lower Upper
128 100
49 150.7 126.1 234.3
130 131.1 95.2 176.8
51 47.9 46.9 70.3





#25

Chloroform

Concen: 5.127 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

ClientSampleId :

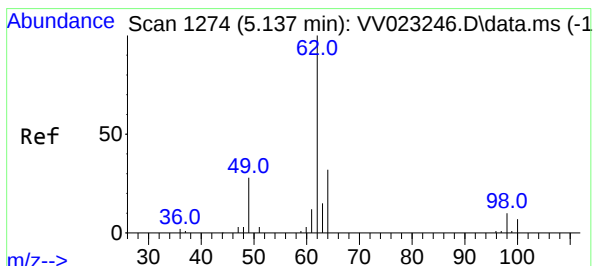
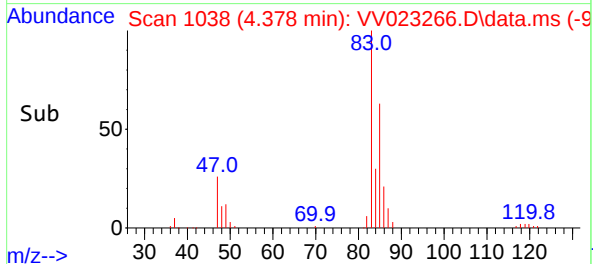
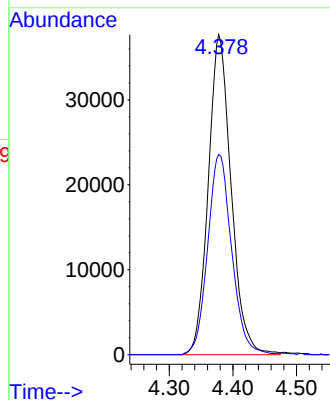
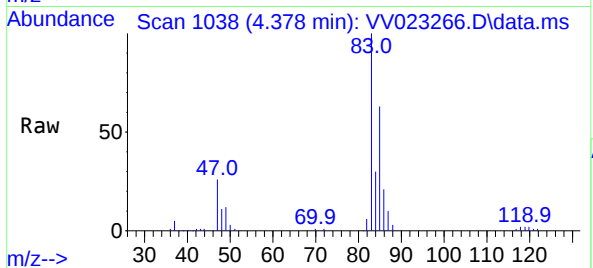
H4605MS

Tgt Ion: 83 Resp: 94034

Ion Ratio Lower Upper

83 100

85 62.6 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.194 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VV023266.D

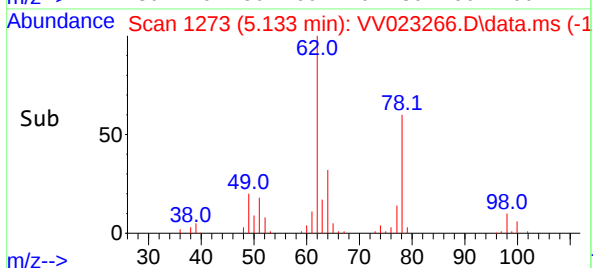
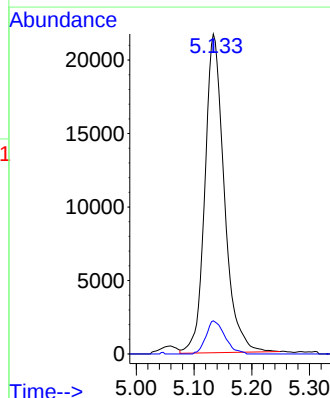
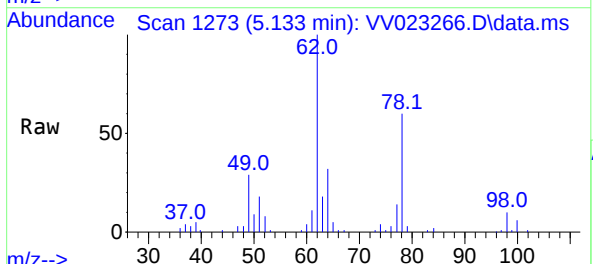
Acq: 06 Nov 2021 04:50

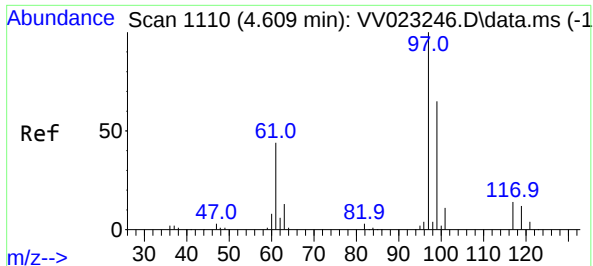
Tgt Ion: 62 Resp: 50676

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.971 ug/L

RT: 4.612 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

ClientSampleId :

H4605MS

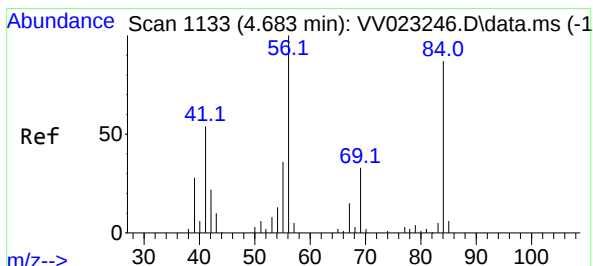
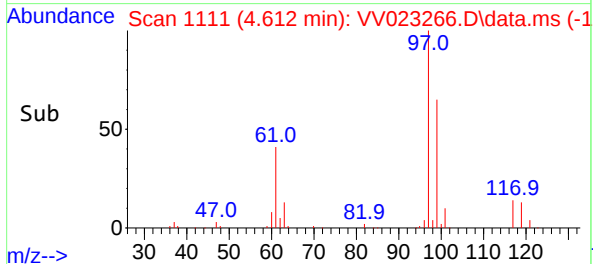
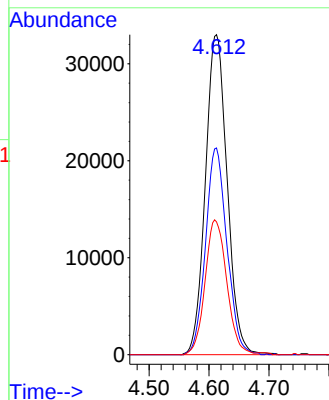
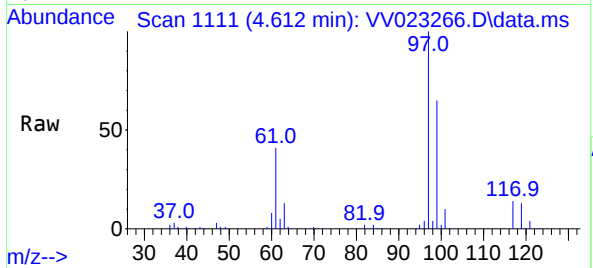
Tgt Ion: 97 Resp: 83476

Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.4

61 42.0 34.1 51.1



#30

Cyclohexane

Concen: 4.843 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

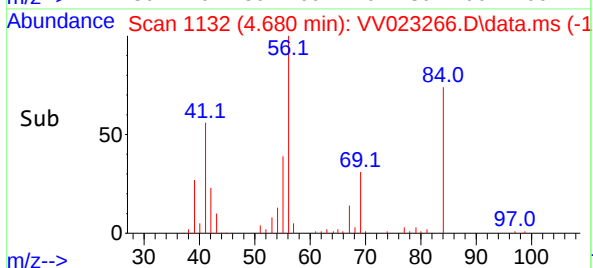
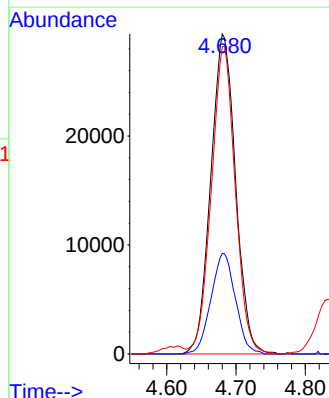
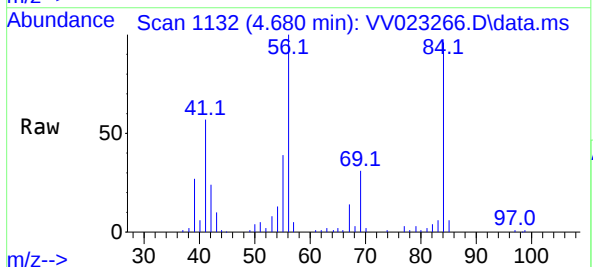
Tgt Ion: 56 Resp: 72862

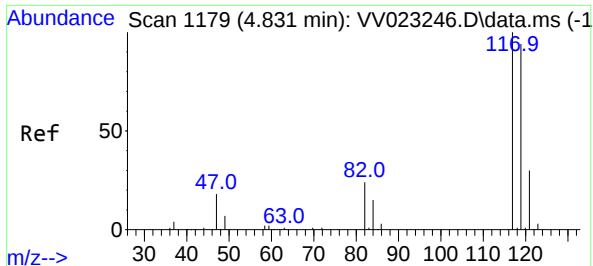
Ion Ratio Lower Upper

56 100

69 31.0 23.5 35.3

84 92.8 71.6 107.4

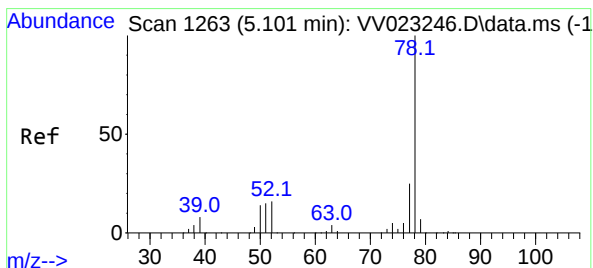
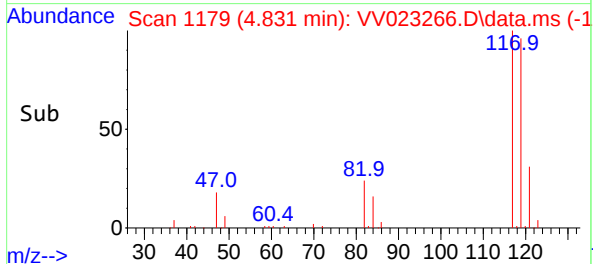
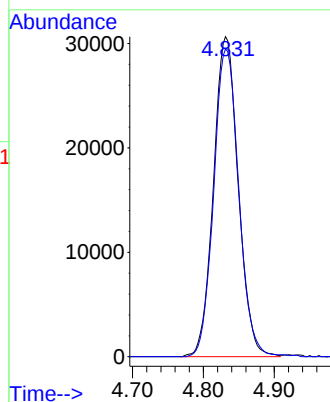
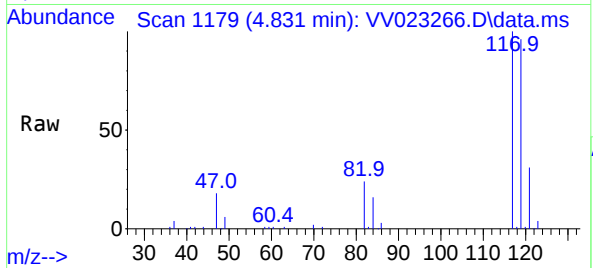




#31
Carbon tetrachloride
Concen: 4.932 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

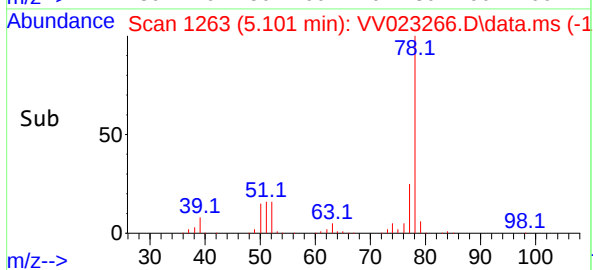
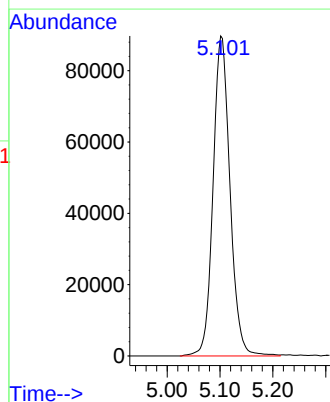
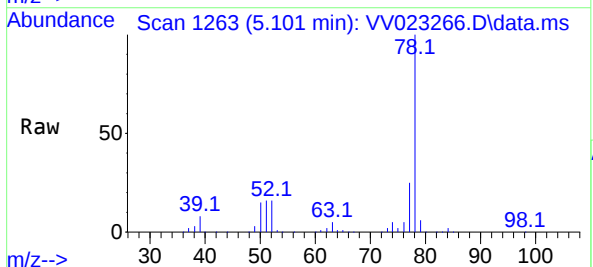
Instrument :
MSVOA_V
ClientSampleId :
H4605MS

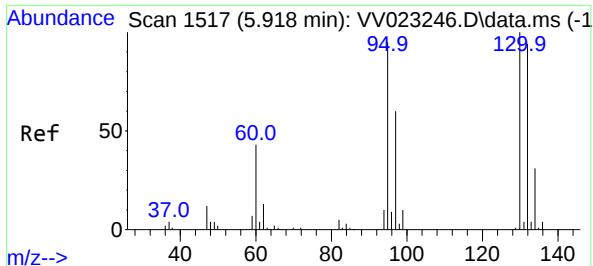
Tgt Ion:117 Resp: 74370
Ion Ratio Lower Upper
117 100
119 97.3 78.8 118.2



#33
Benzene
Concen: 5.171 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 78 Resp: 199820

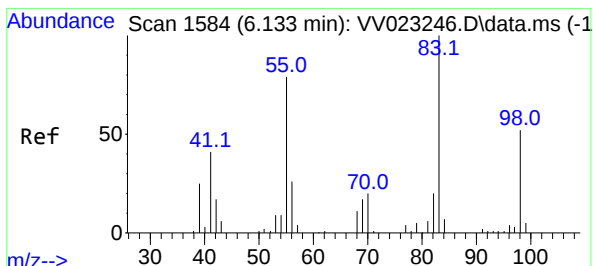
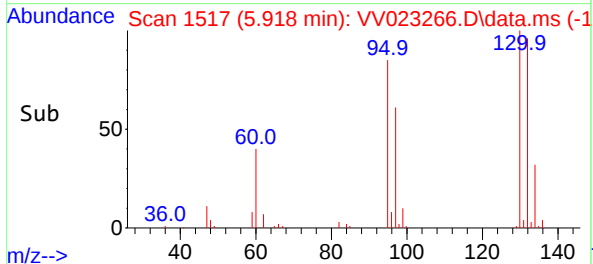
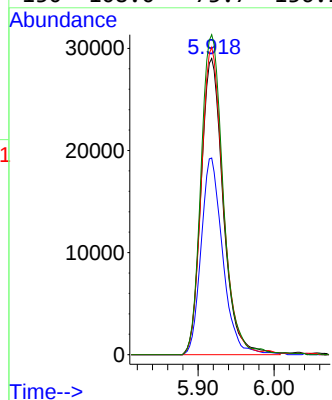
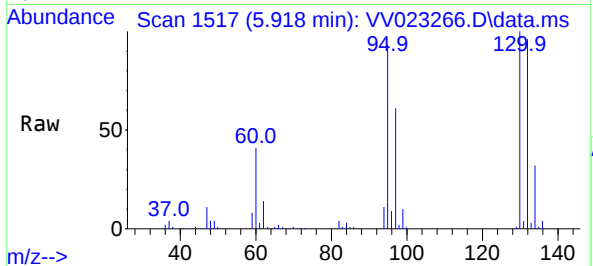




#34
Trichloroethene
Concen: 5.729 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

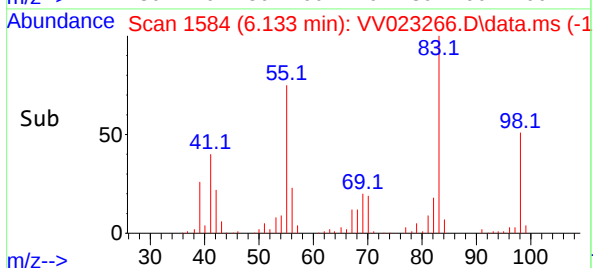
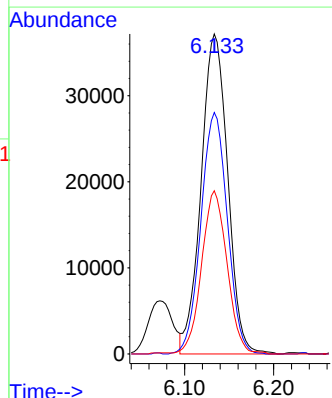
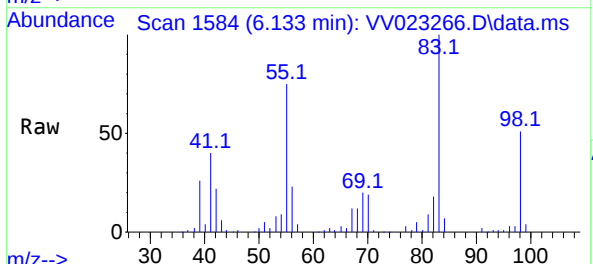
Instrument :
MSVOA_V
ClientSampleId :
H4605MS

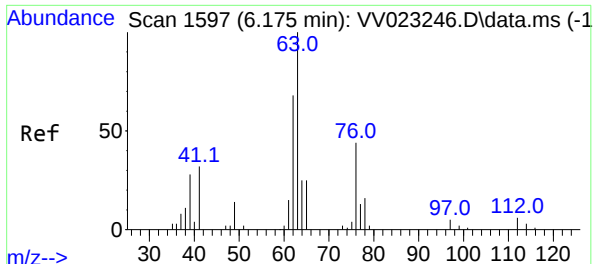
Tgt Ion: 95 Resp: 58871
Ion Ratio Lower Upper
95 100
97 66.4 45.0 83.6
132 103.8 69.7 129.4
130 108.0 73.7 136.9



#35
Methylcyclohexane
Concen: 4.756 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 83 Resp: 77138
Ion Ratio Lower Upper
83 100
55 75.0 62.8 94.2
98 48.9 37.9 56.9

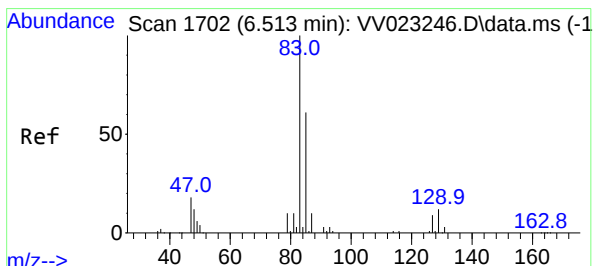
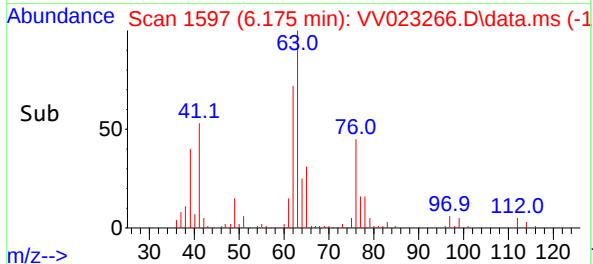
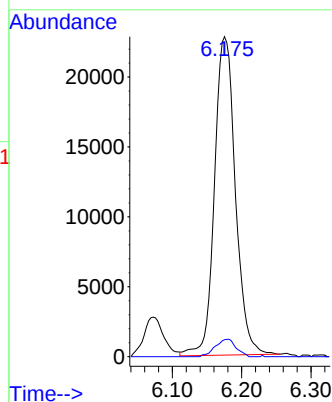
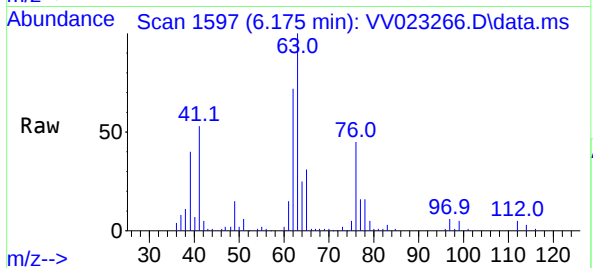




#37
1,2-Dichloropropane
Concen: 5.301 ug/L
RT: 6.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

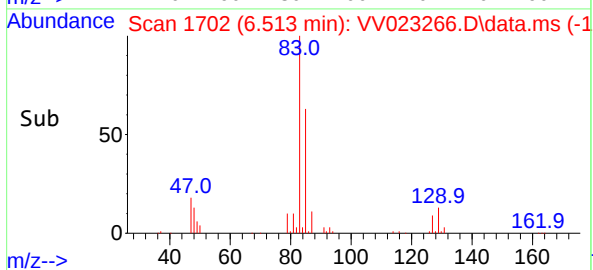
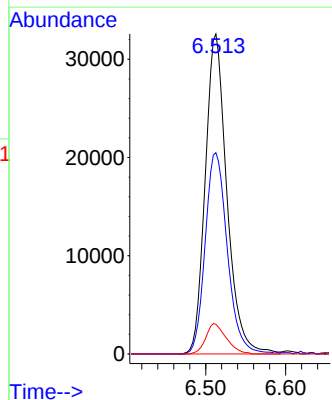
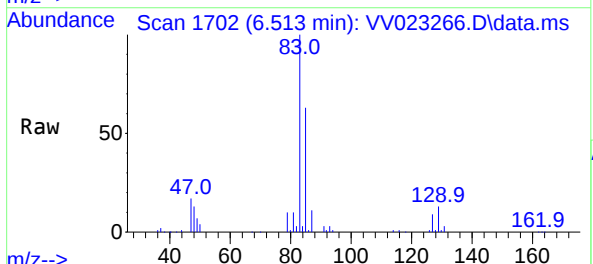
Instrument :
MSVOA_V
ClientSampleId :
H4605MS

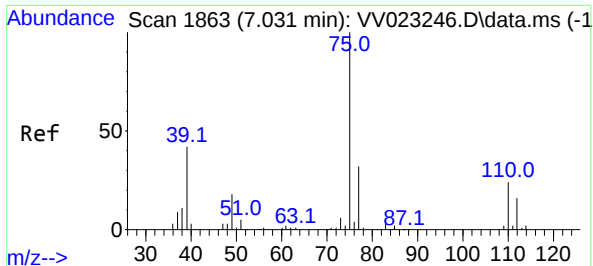
Tgt Ion: 63 Resp: 47817
Ion Ratio Lower Upper
63 100
112 5.4 4.6 6.8



#38
Bromodichloromethane
Concen: 5.081 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 83 Resp: 61420
Ion Ratio Lower Upper
83 100
85 62.9 46.1 85.7
127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.856 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

ClientSampleId :

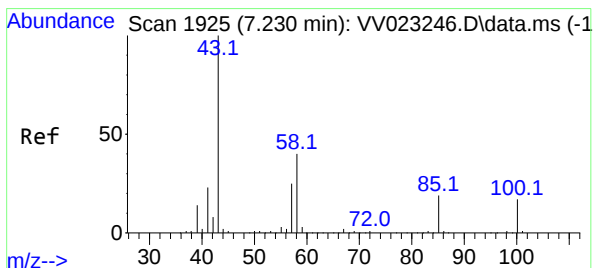
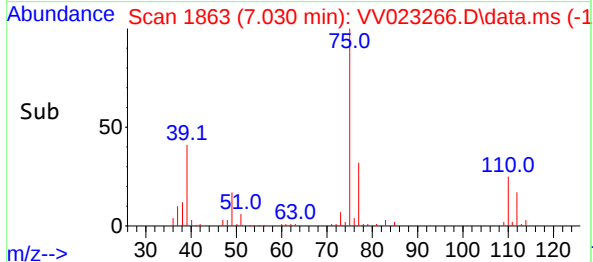
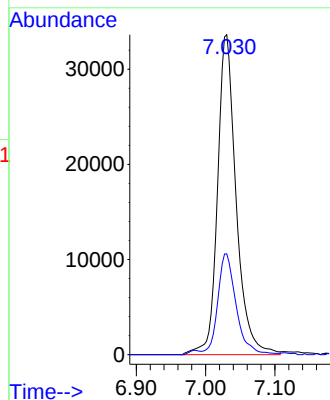
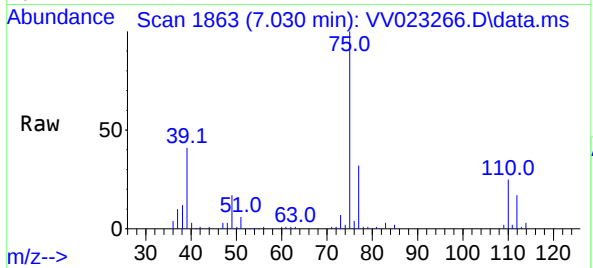
H4605MS

Tgt Ion: 75 Resp: 63007

Ion Ratio Lower Upper

75 100

77 31.5 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 57.545 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

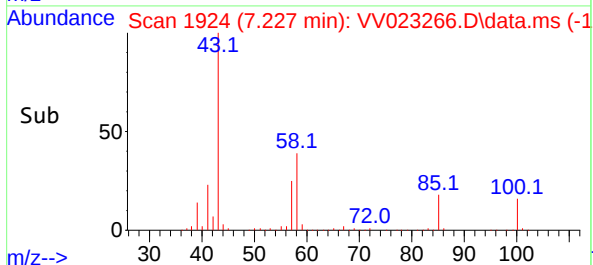
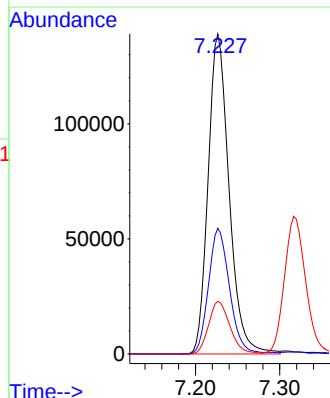
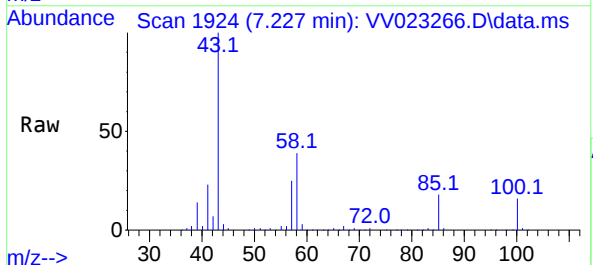
Tgt Ion: 43 Resp: 240759

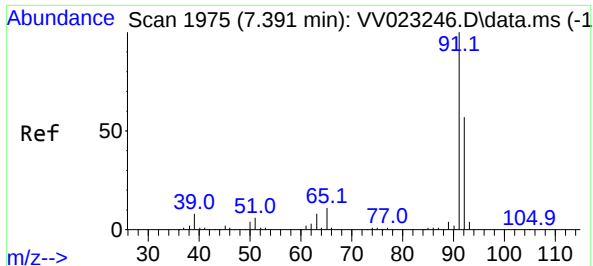
Ion Ratio Lower Upper

43 100

58 39.2 31.1 46.7

100 16.7 12.6 19.0

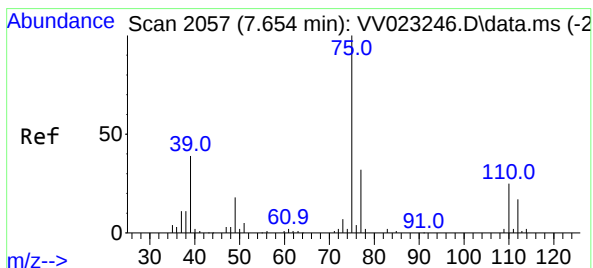
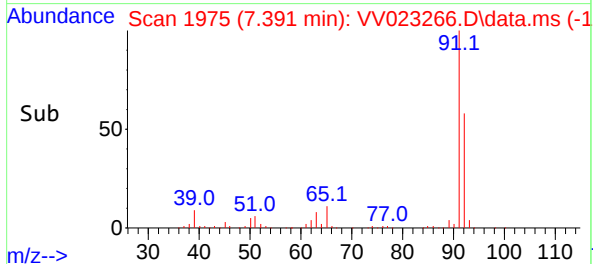
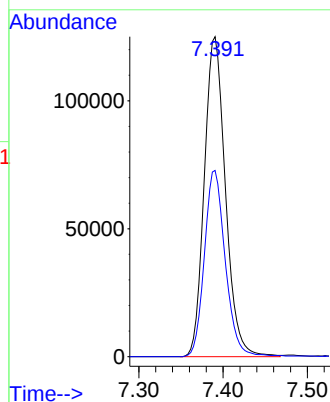
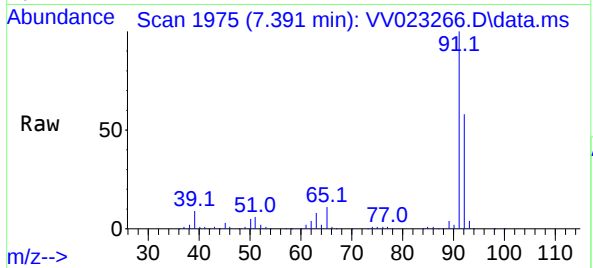




#42
Toluene
Concen: 5.291 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

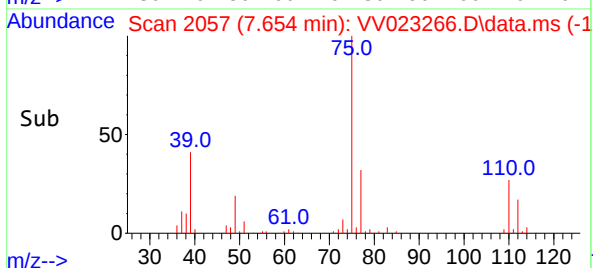
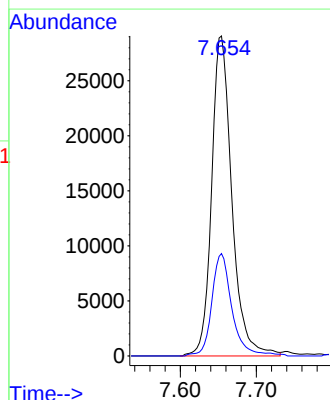
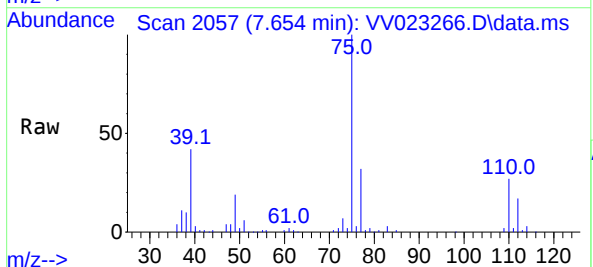
Instrument :
MSVOA_V
ClientSampleId :
H4605MS

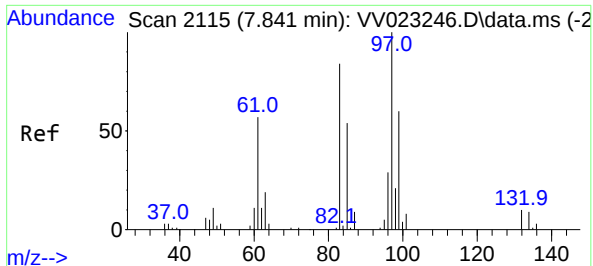
Tgt Ion: 91 Resp: 218669
Ion Ratio Lower Upper
91 100
92 58.2 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 4.999 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 75 Resp: 53819
Ion Ratio Lower Upper
75 100
77 32.0 22.5 41.7



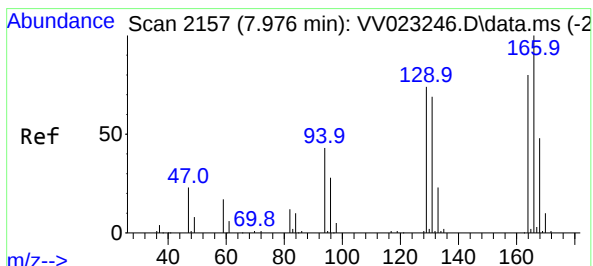
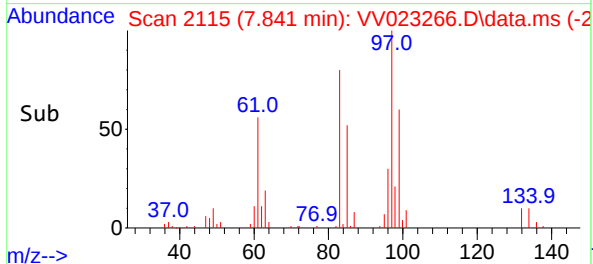
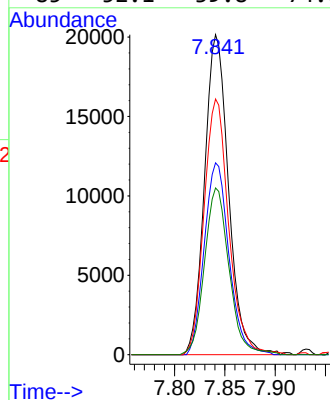
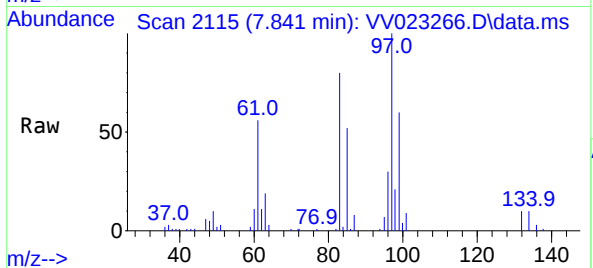


#45
1,1,2-Trichloroethane
Concen: 5.159 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Instrument : MSVOA_V
ClientSampleId : H4605MS

Tgt Ion: 97 Resp: 33439

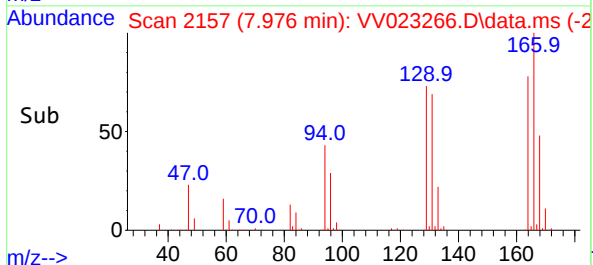
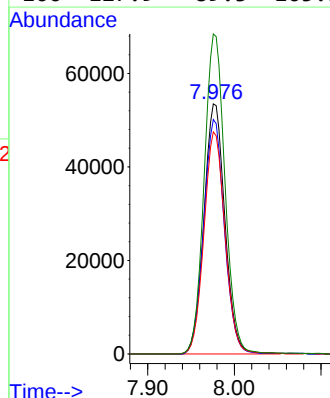
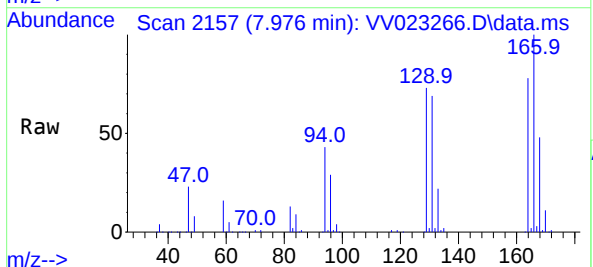
Ion	Ratio	Lower	Upper
97	100		
99	59.9	43.6	81.0
83	79.9	58.4	108.4
85	52.1	39.8	74.0

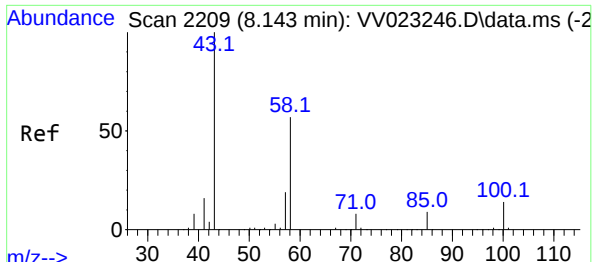


#47
Tetrachloroethene
Concen: 10.126 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 164 Resp: 90180

Ion	Ratio	Lower	Upper
164	100		
129	93.7	64.0	119.0
131	88.8	63.4	117.8
166	127.9	89.3	165.9

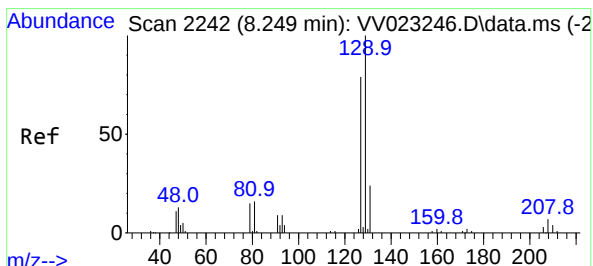
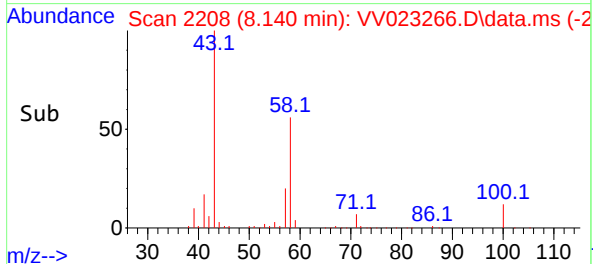
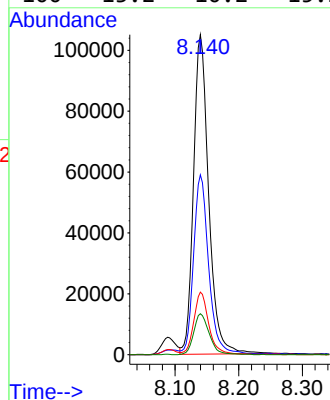
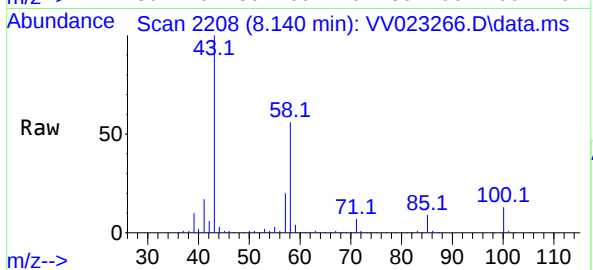




#48
2-Hexanone
Concen: 59.409 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

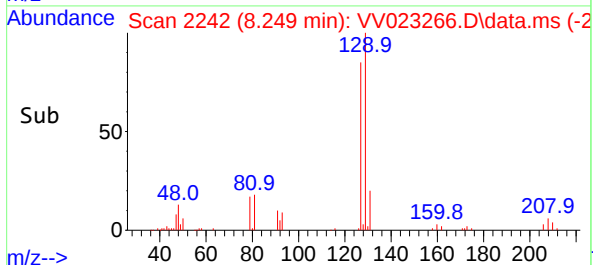
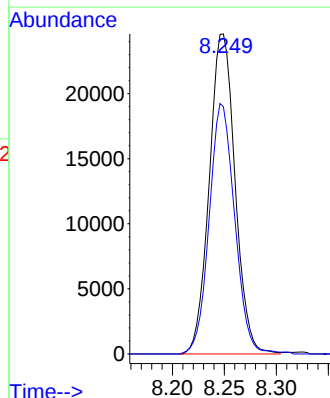
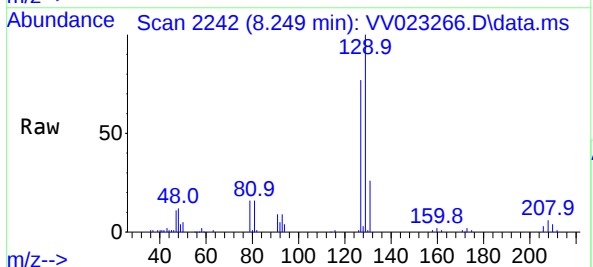
Instrument :
MSVOA_V
ClientSampleId :
H4605MS

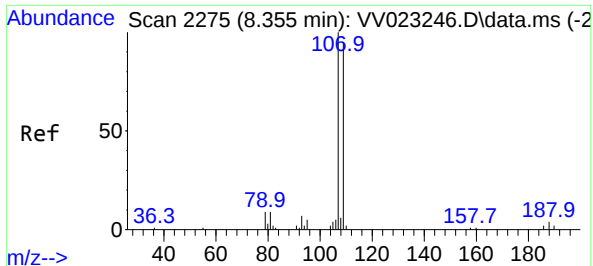
Tgt Ion: 43 Resp: 174169
Ion Ratio Lower Upper
43 100
58 55.5 43.7 65.5
57 19.3 14.1 21.1
100 13.2 10.2 15.2



#49
Dibromochloromethane
Concen: 5.172 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 129 Resp: 42475
Ion Ratio Lower Upper
129 100
127 77.3 54.7 101.7

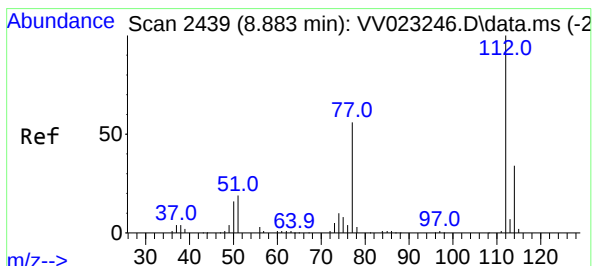
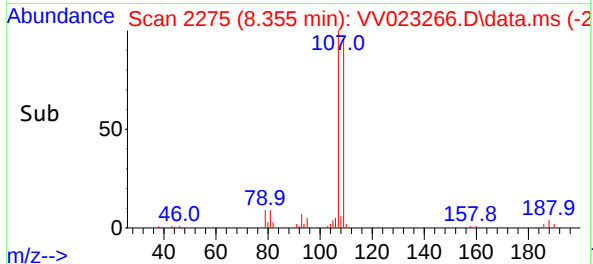
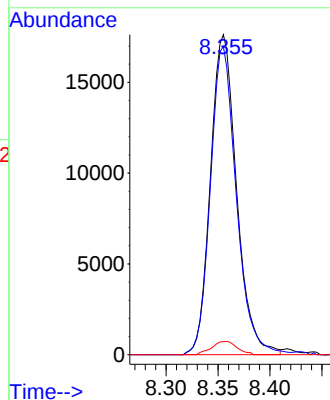
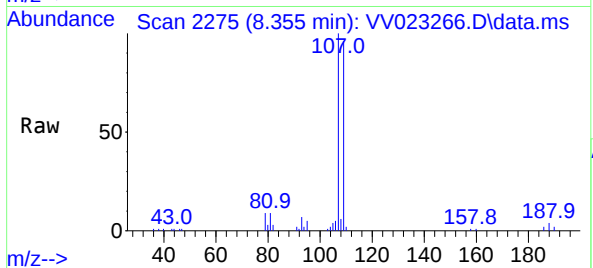




#50
1,2-Dibromoethane
Concen: 5.136 ug/L
RT: 8.355 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

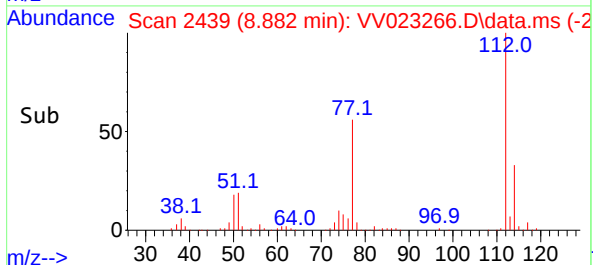
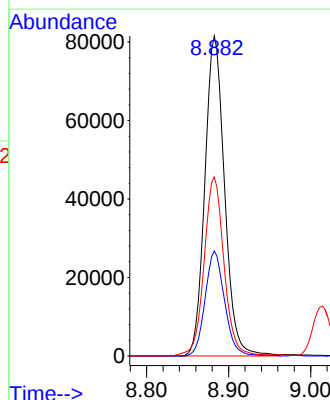
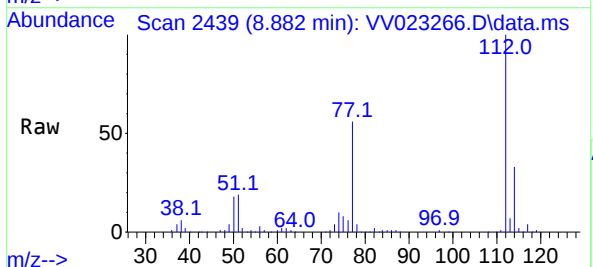
Instrument :
MSVOA_V
ClientSampleId :
H4605MS

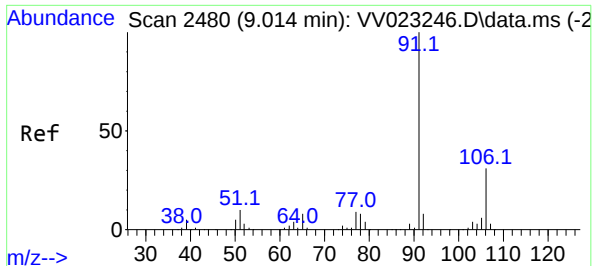
Tgt Ion:107 Resp: 30853
Ion Ratio Lower Upper
107 100
109 96.3 64.7 120.1
188 4.1 3.6 5.4



#51
Chlorobenzene
Concen: 4.958 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion:112 Resp: 136208
Ion Ratio Lower Upper
112 100
114 32.8 22.0 40.8
77 55.9 44.4 66.6

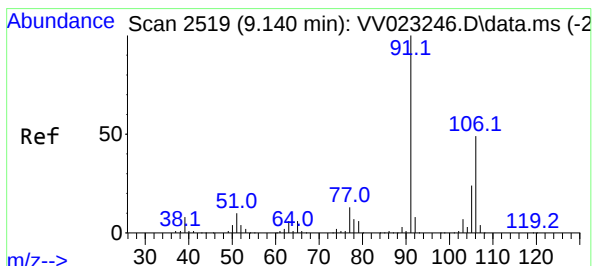
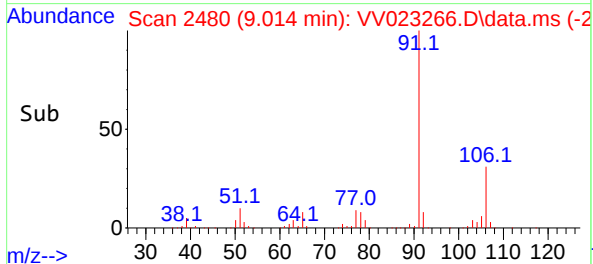
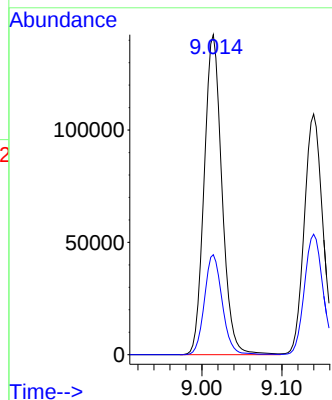
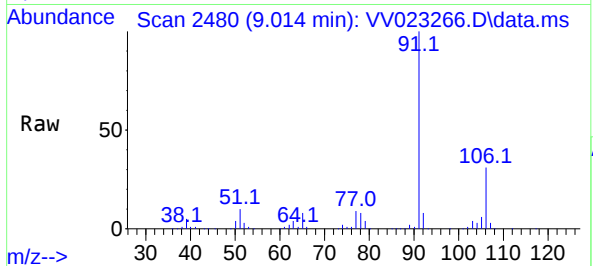




#52
Ethylbenzene
Concen: 5.065 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

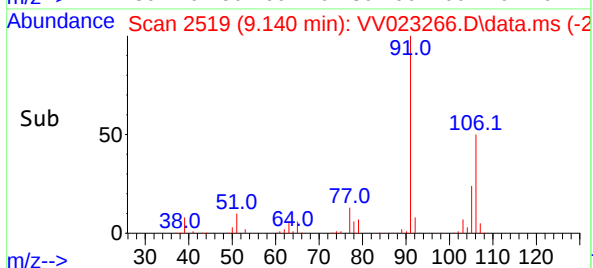
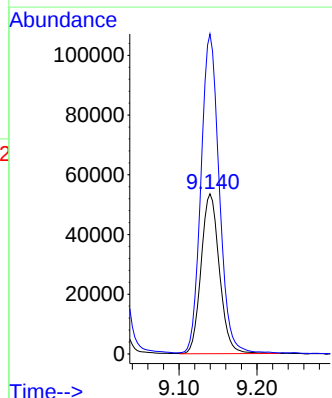
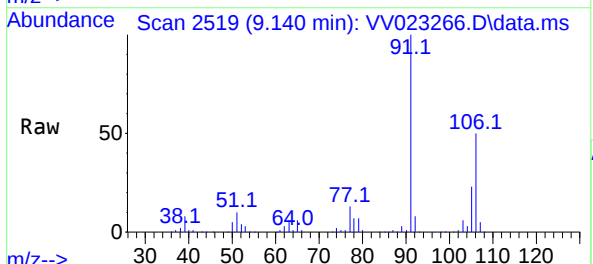
Instrument :
MSVOA_V
ClientSampleId :
H4605MS

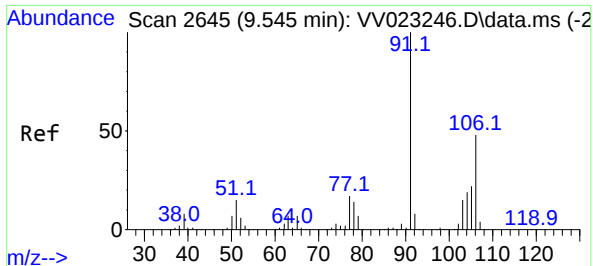
Tgt Ion: 91 Resp: 220783
Ion Ratio Lower Upper
91 100
106 31.2 22.5 41.9



#53
m,p-xylene
Concen: 5.095 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 106 Resp: 87166
Ion Ratio Lower Upper
106 100
91 199.9 137.2 254.8

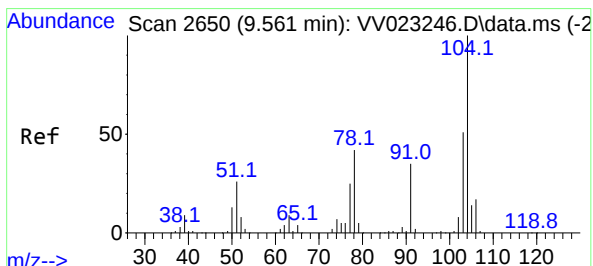
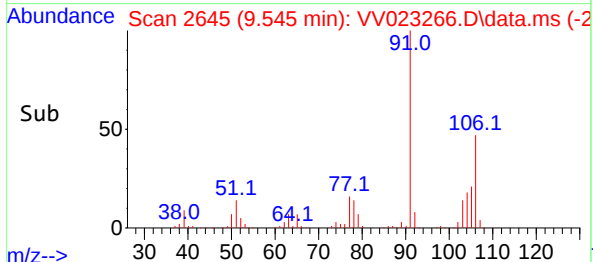
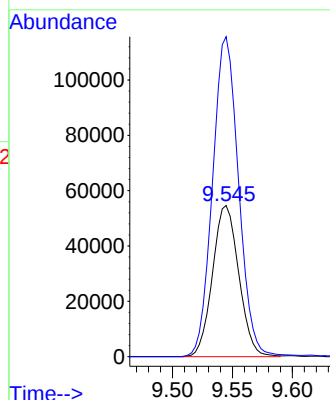
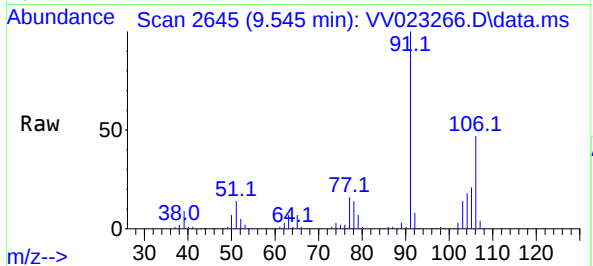




#54
o-xylene
Concen: 5.178 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

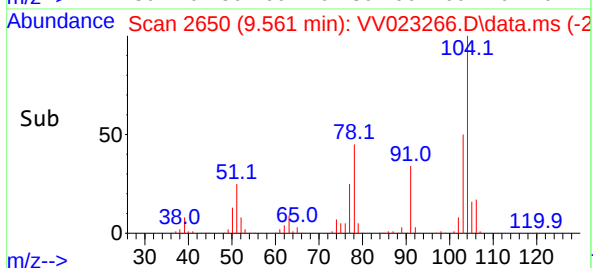
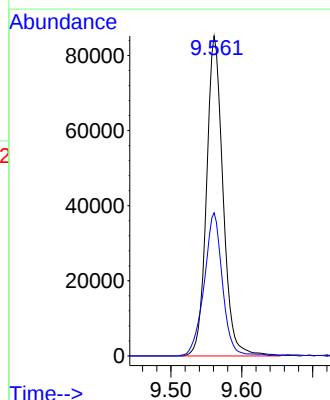
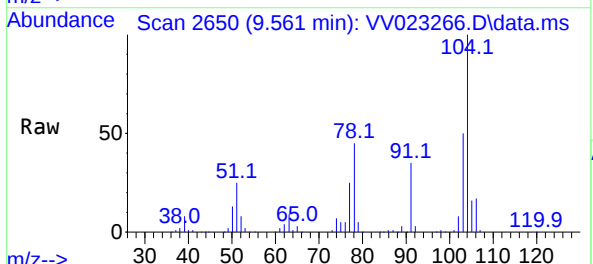
Instrument : MSVOA_V
ClientSampleId : H4605MS

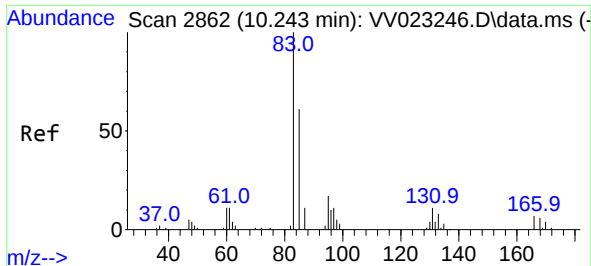
Tgt Ion:106 Resp: 83101
Ion Ratio Lower Upper
106 100
91 211.6 148.3 275.5



#55
Styrene
Concen: 5.019 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion:104 Resp: 138004
Ion Ratio Lower Upper
104 100
78 44.8 29.3 54.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.282 ug/L

RT: 10.242 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

ClientSampleId :

H4605MS

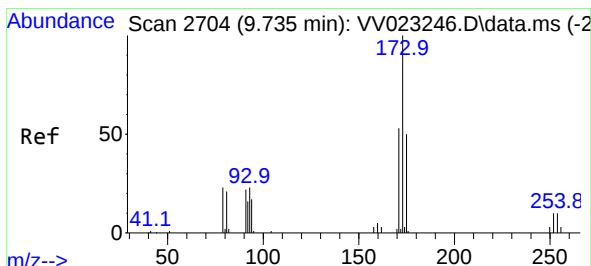
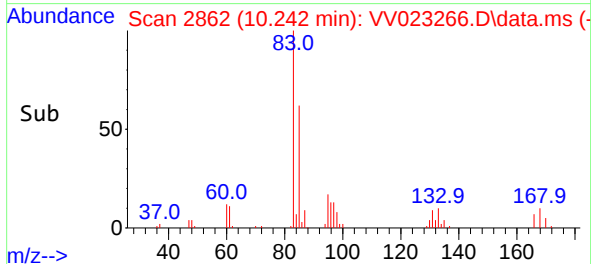
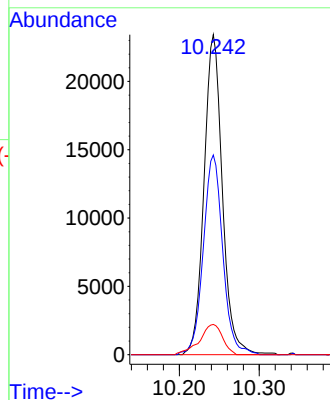
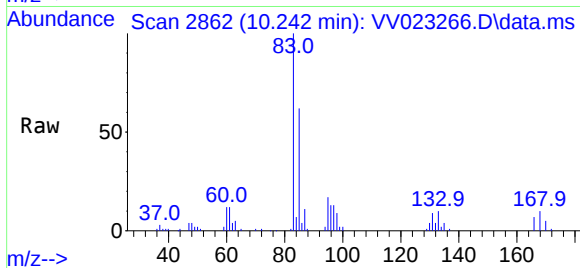
Tgt Ion: 83 Resp: 37514

Ion Ratio Lower Upper

83 100

85 62.4 45.1 83.9

131 9.5 7.8 11.6



#59

Bromoform

Concen: 4.940 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.003 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

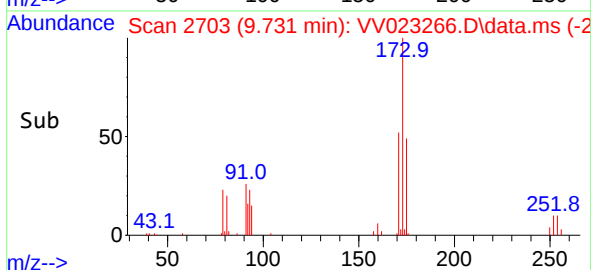
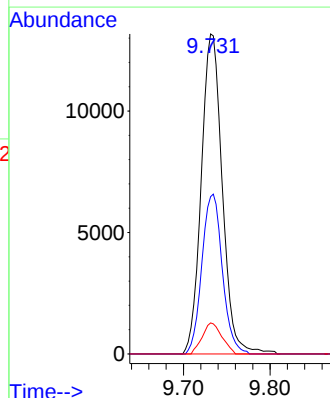
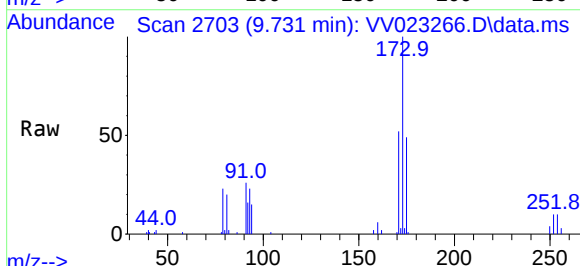
Tgt Ion: 173 Resp: 22211

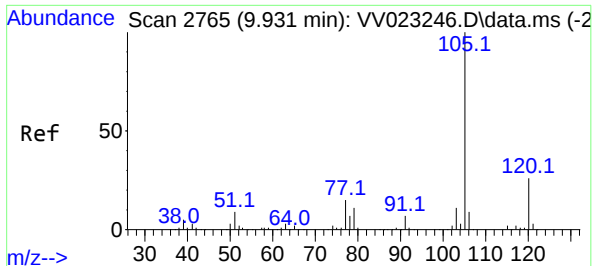
Ion Ratio Lower Upper

173 100

175 48.6 38.2 57.2

254 9.1 6.2 9.2

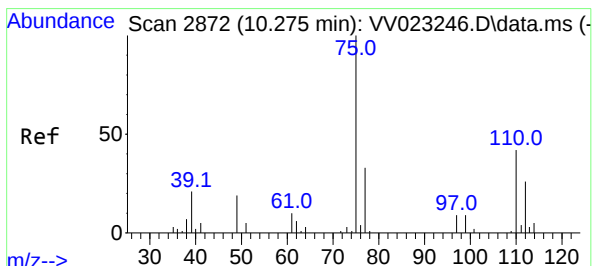
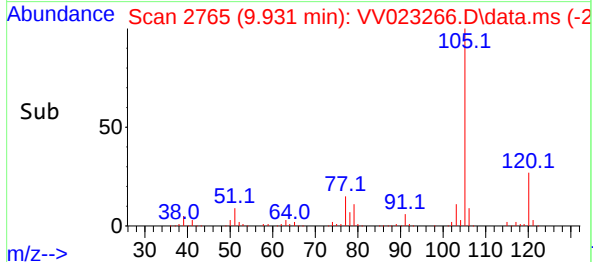
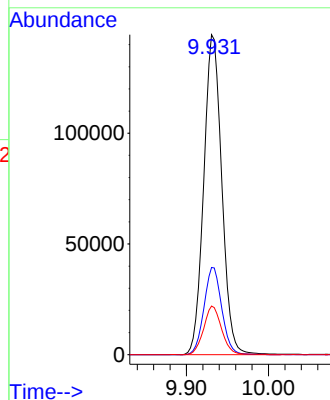
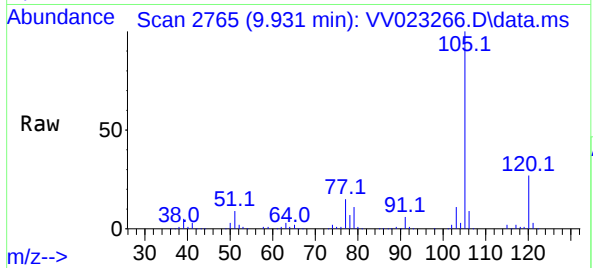




#60
Isopropylbenzene
Concen: 5.108 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

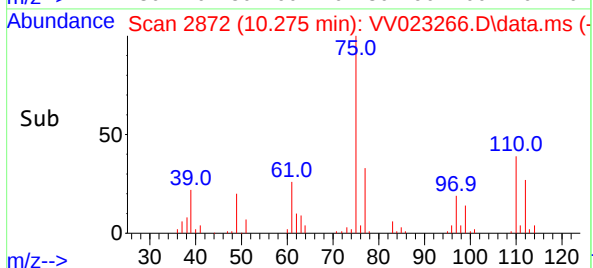
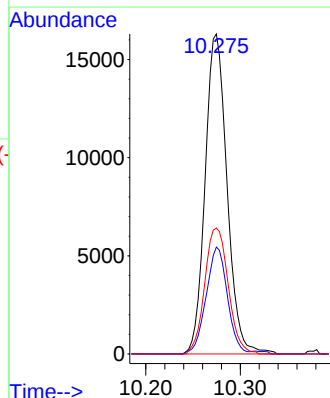
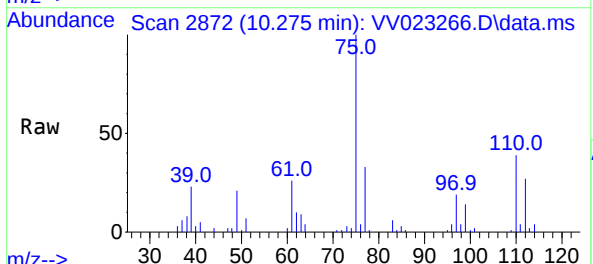
Instrument :
MSVOA_V
ClientSampleId :
H4605MS

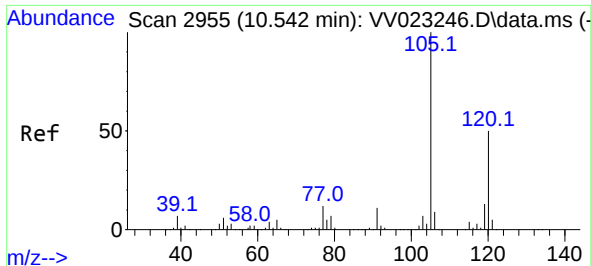
Tgt Ion:105 Resp: 220665
Ion Ratio Lower Upper
105 100
120 26.9 21.7 32.5
77 15.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.254 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 75 Resp: 26272
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8
110 42.2 31.8 47.6

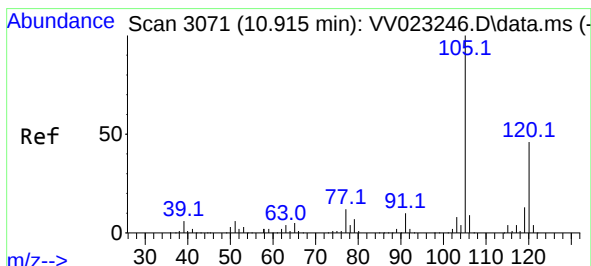
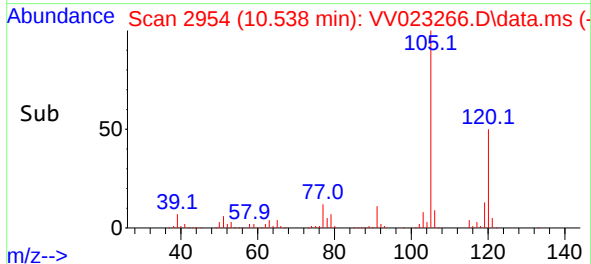
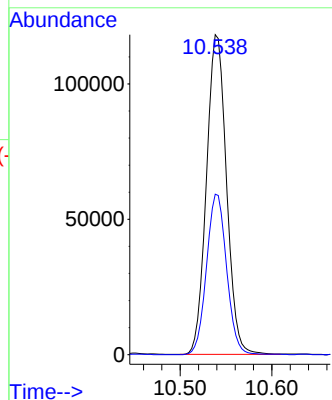
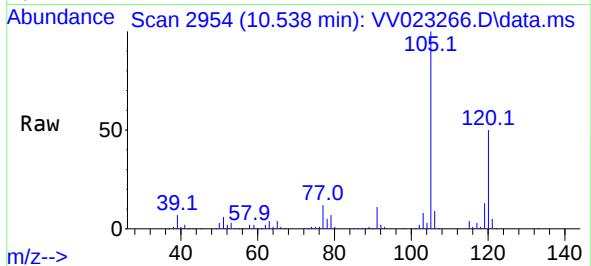




#62
1,3,5-Trimethylbenzene
Concen: 5.005 ug/L
RT: 10.538 min Scan# 2955
Delta R.T. -0.003 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

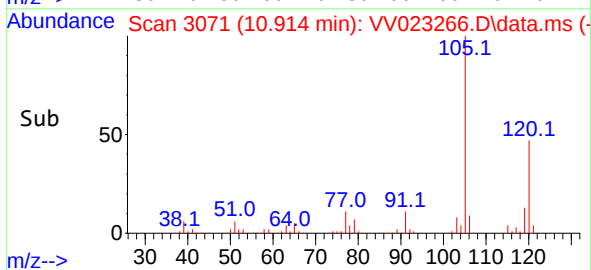
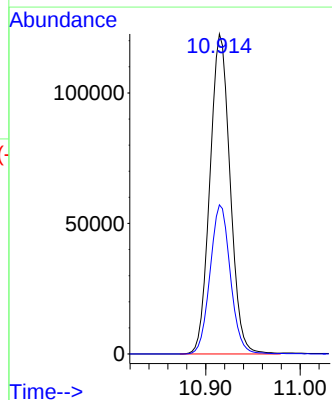
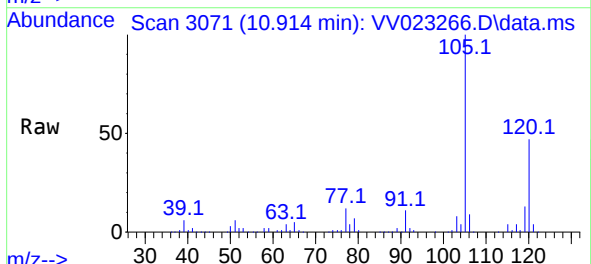
Instrument :
MSVOA_V
ClientSampleId :
H4605MS

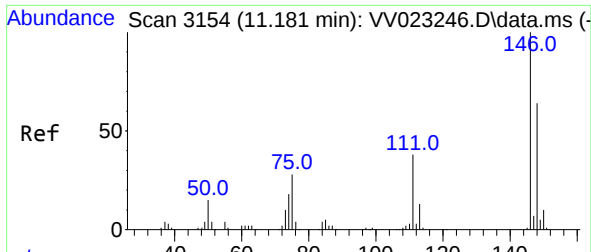
Tgt Ion:105 Resp: 179271
Ion Ratio Lower Upper
105 100
120 50.3 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 5.103 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion:105 Resp: 181949
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.2

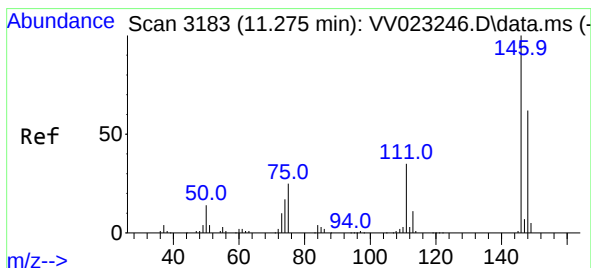
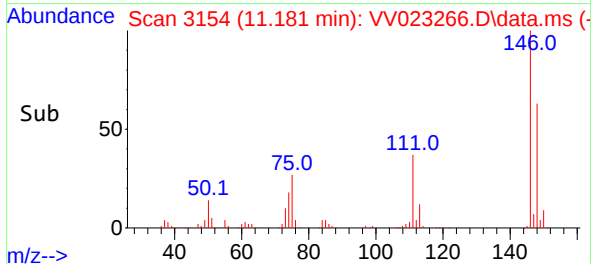
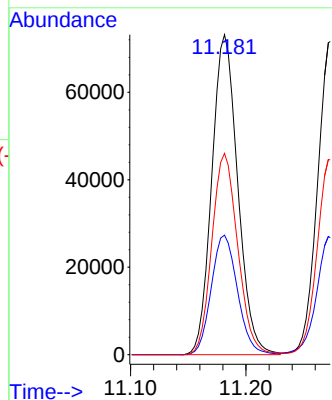
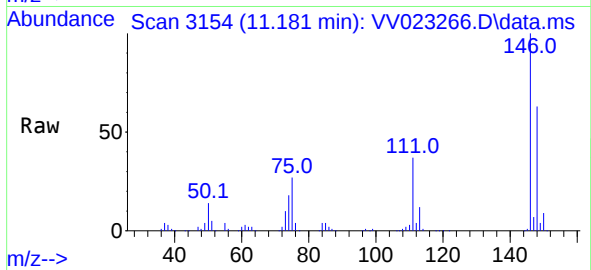




#64
1,3-Dichlorobenzene
Concen: 5.170 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

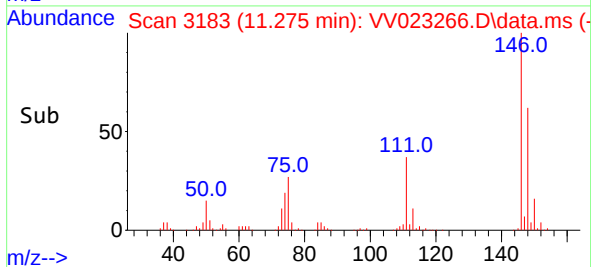
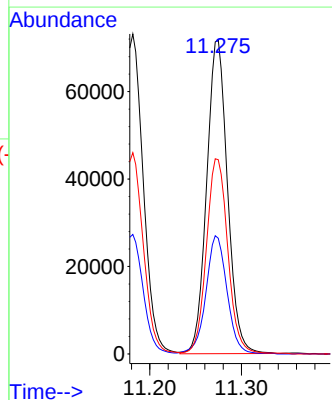
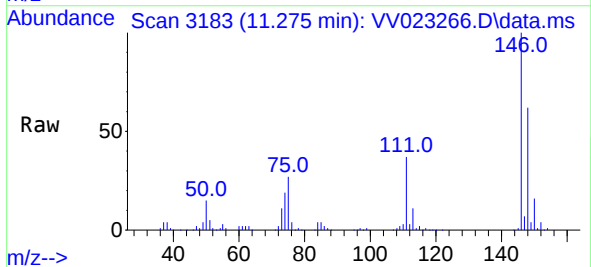
Instrument :
MSVOA_V
ClientSampleId :
H4605MS

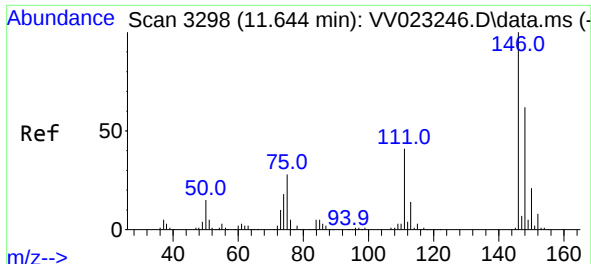
Tgt Ion:146 Resp: 114108
Ion Ratio Lower Upper
146 100
111 37.4 26.7 49.7
148 62.9 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 5.020 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion:146 Resp: 113163
Ion Ratio Lower Upper
146 100
111 36.8 26.2 48.8
148 61.8 44.4 82.5

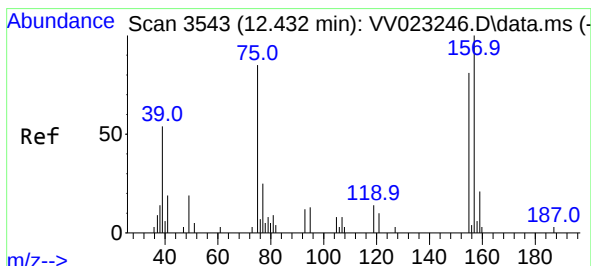
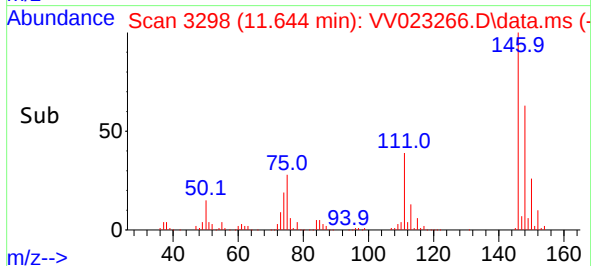
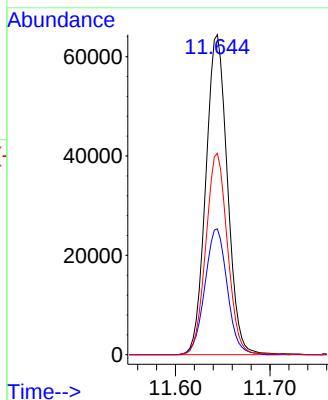
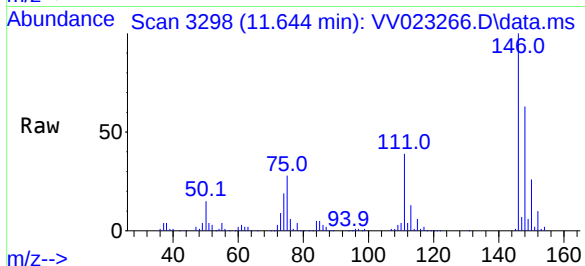




#67
1,2-Dichlorobenzene
Concen: 5.181 ug/L
RT: 11.644 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

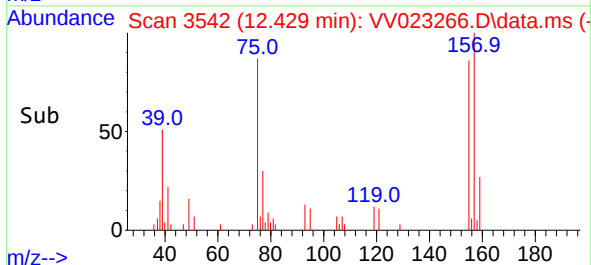
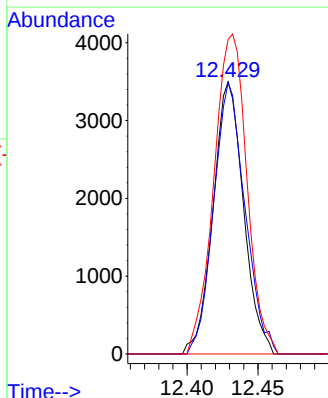
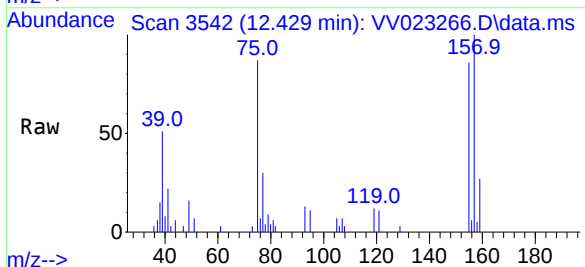
Instrument :
MSVOA_V
ClientSampleId :
H4605MS

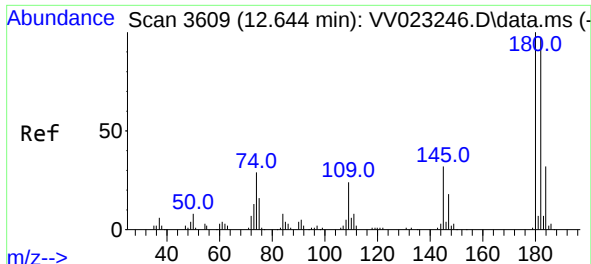
Tgt Ion:146 Resp: 102336
Ion Ratio Lower Upper
146 100
111 39.3 31.6 47.4
148 63.0 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.906 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.003 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

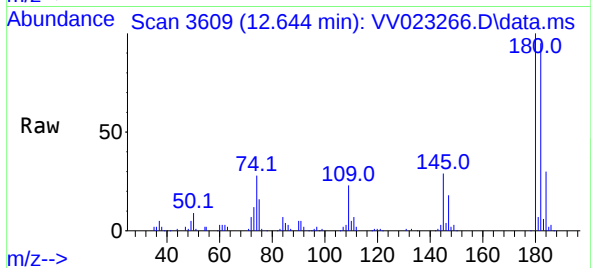
Tgt Ion: 75 Resp: 5227
Ion Ratio Lower Upper
75 100
155 99.6 67.7 101.5
157 115.6 87.9 131.9



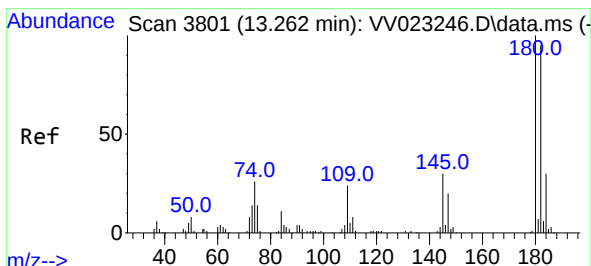
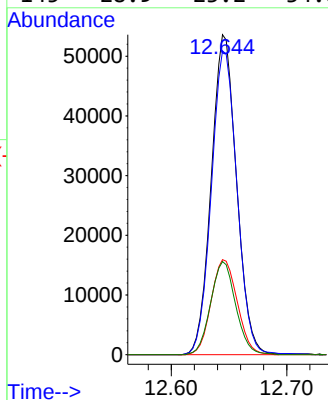
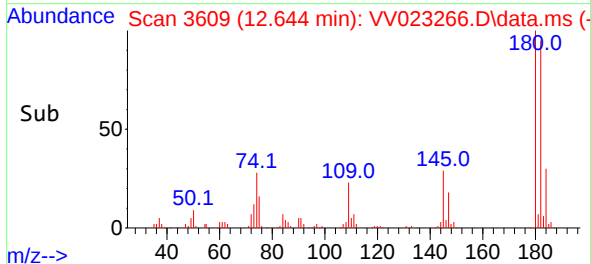


#69
1,3,5-Trichlorobenzene
Concen: 4.706 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

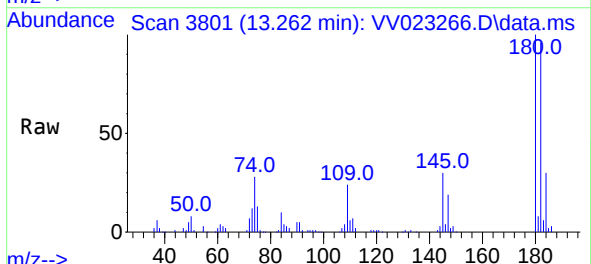
Instrument :
MSVOA_V
ClientSampleId :
H4605MS



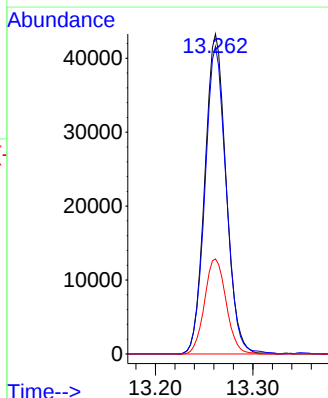
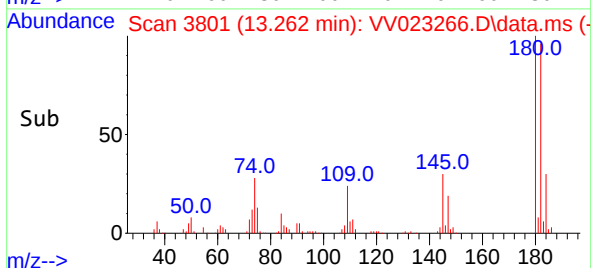
Tgt Ion:180 Resp: 81334
Ion Ratio Lower Upper
180 100
182 96.5 74.9 112.3
184 30.7 23.8 35.8
145 28.9 23.2 34.8

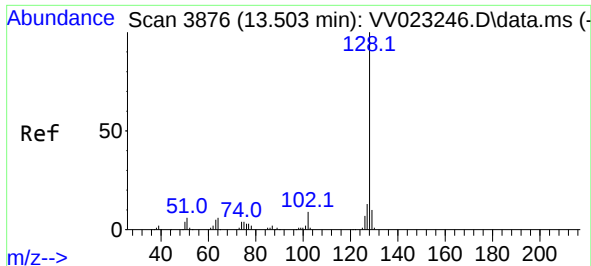


#70
1,2,4-trichlorobenzene
Concen: 4.729 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50



Tgt Ion:180 Resp: 65445
Ion Ratio Lower Upper
180 100
182 96.4 76.9 115.3
145 30.2 24.4 36.6

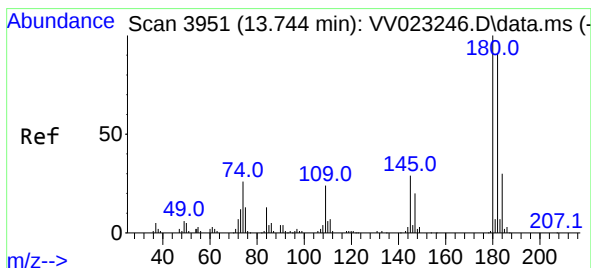
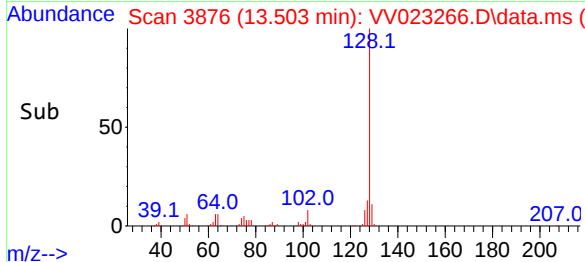
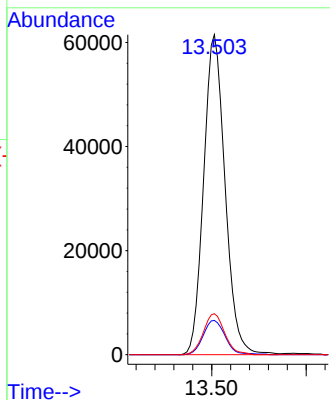
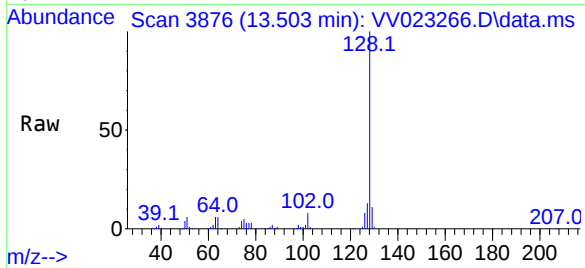




#71
Naphthalene
Concen: 4.733 ug/L
RT: 13.503 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Instrument :
MSVOA_V
ClientSampleId :
H4605MS

Tgt Ion:128 Resp: 96597
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.8 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 4.916 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion:180 Resp: 59527
Ion Ratio Lower Upper
180 100
182 94.2 76.7 115.1
145 31.7 25.7 38.5

