

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025504.D
 Acq On : 13 Apr 2022 19:54
 Operator : SY/MD
 Sample : N2356-03MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 14 03:13:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 03:09:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123314	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124624	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66841	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	51498	4.492	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.571	69	49235	4.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.114	63	117913	5.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.600%
20) 2-Butanone-d5	3.902	46	81295	58.295	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.580%
24) Chloroform-d	4.352	84	88683	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.037	65	38879	5.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.053	84	165877	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.069	67	48423	4.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.317	98	152998	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.625	79	13199	3.905	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.091	63	64745	54.578	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.160%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32759	5.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	51011	4.552	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	63790	5.726	ug/L	99
3) Chloromethane	1.243	50	83706	6.916	ug/L	100
5) Vinyl chloride	1.314	62	96078	7.024	ug/L	99
6) Bromomethane	1.526	94	47955	4.862	ug/L	98
8) Chloroethane	1.587	64	58065	5.500	ug/L	96
9) Trichlorofluoromethane	1.757	101	122104	6.356	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	60404	5.596	ug/L	98
12) 1,1-Dichloroethene	2.121	96	65955	6.166	ug/L	84
13) Acetone	2.191	43	55172	58.288	ug/L	100
14) Carbon disulfide	2.298	76	142332	5.559	ug/L	100
15) Methyl Acetate	2.449	43	8177	3.887	ug/L #	86
16) Methylene chloride	2.510	84	53037	5.115	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	96013	5.801	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	55574	6.201	ug/L	98
19) 1,1-Dichloroethane	3.195	63	95403	6.285	ug/L	99
21) 2-Butanone	3.986	43	87647	67.012	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	134418	14.246	ug/L	96
23) Bromochloromethane	4.252	128	23393	5.972	ug/L	96
25) Chloroform	4.378	83	101572	6.339	ug/L	99

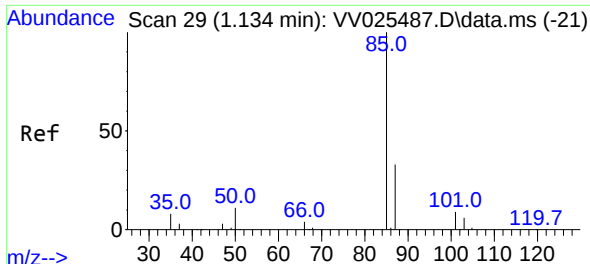
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 03:09:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	54154	6.406	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	88629	6.030	ug/L	99
30) Cyclohexane	4.680	56	72964	5.460	ug/L	99
31) Carbon tetrachloride	4.831	117	73552	5.917	ug/L	99
33) Benzene	5.101	78	216846	5.890	ug/L	100
34) Trichloroethene	5.915	95	76224	7.798	ug/L	98
35) Methylcyclohexane	6.133	83	75509	4.841	ug/L	96
37) 1,2-Dichloropropane	6.175	63	52074	6.114	ug/L	99
38) Bromodichloromethane	6.510	83	62561	5.917	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	52678	4.720	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	223772	65.621	ug/L	97
42) Toluene	7.387	91	237520	5.931	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	41703	4.809	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	34683	6.081	ug/L	99
47) Tetrachloroethene	7.976	164	42399	5.541	ug/L	96
48) 2-Hexanone	8.140	43	167257	70.381	ug/L	96
49) Dibromochloromethane	8.246	129	36835	5.883	ug/L	99
50) 1,2-Dibromoethane	8.352	107	31058	5.798	ug/L	97
51) Chlorobenzene	8.882	112	146619	5.734	ug/L	99
52) Ethylbenzene	9.011	91	240498	5.631	ug/L	99
53) m,p-Xylene	9.140	106	96106	5.918	ug/L	99
54) o-Xylene	9.545	106	91724	5.816	ug/L	96
55) Styrene	9.561	104	153583	5.988	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	36108	6.336	ug/L	96
59) Bromoform	9.731	173	15548	5.635	ug/L	98
60) Isopropylbenzene	9.931	105	239188	5.781	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	27047	6.144	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	100248	5.434	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	183587	5.523	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	108879	5.638	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	107903	5.504	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	98428	5.755	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	4961	6.518	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	73658	5.013	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	58645	5.177	ug/L	98
71) Naphthalene	13.500	128	92694	5.578	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	52181	5.563	ug/L	96

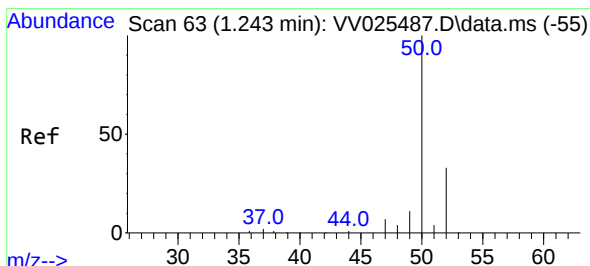
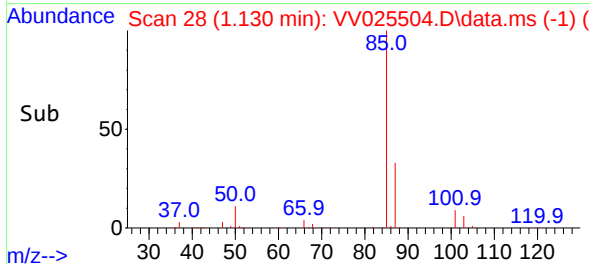
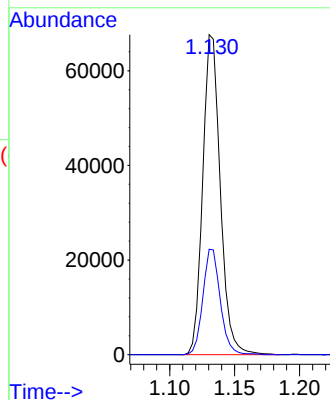
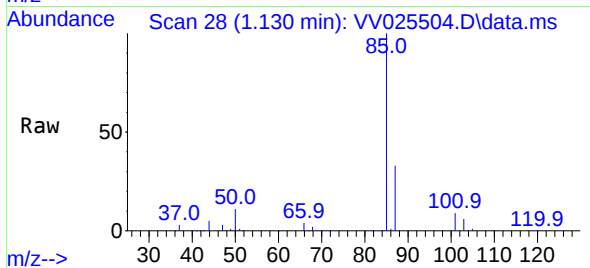
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#2
 Dichlorodifluoromethane
 Concen: 5.726 ug/L
 RT: 1.130 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VV025504.D
 Acq: 13 Apr 2022 19:54

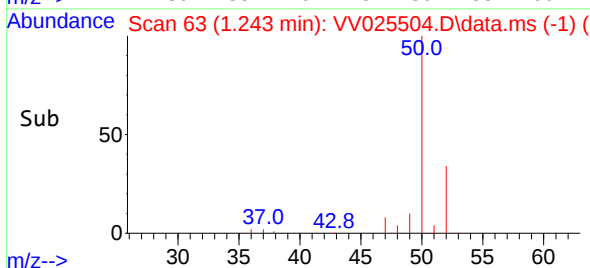
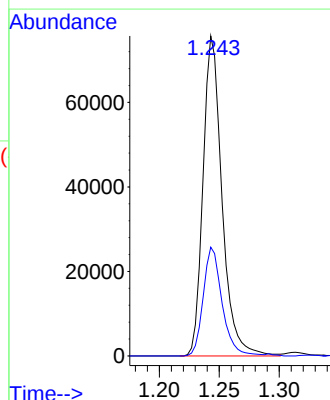
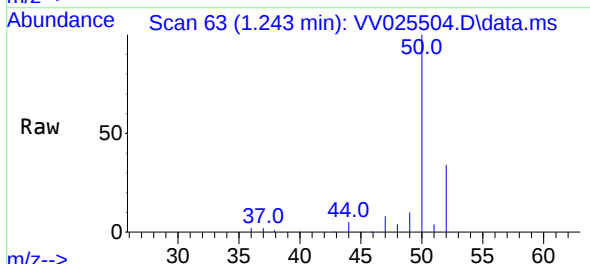
Instrument :
 MSVOA_V
 ClientSampleId :

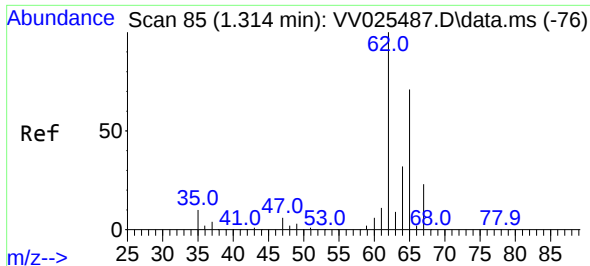
Tgt Ion: 85 Resp: 63790
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.6 38.4



#3
 Chloromethane
 Concen: 6.916 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025504.D
 Acq: 13 Apr 2022 19:54

Tgt Ion: 50 Resp: 83706
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.7 43.9

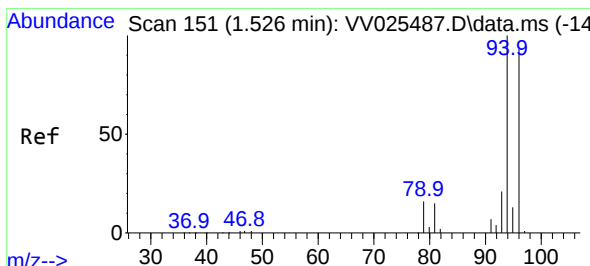
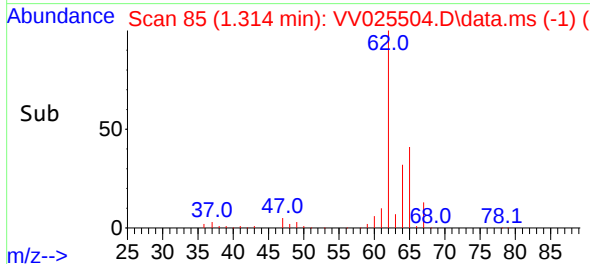
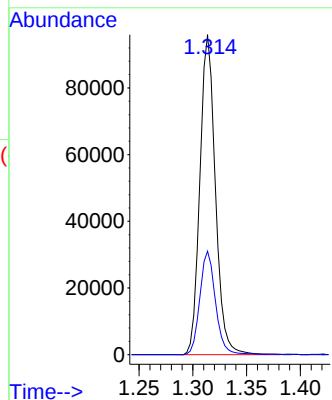
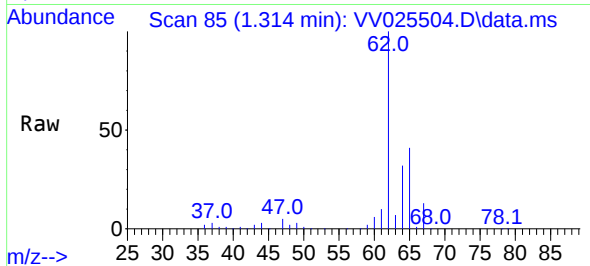




#5
 Vinyl chloride
 Concen: 7.024 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025504.D
 Acq: 13 Apr 2022 19:54

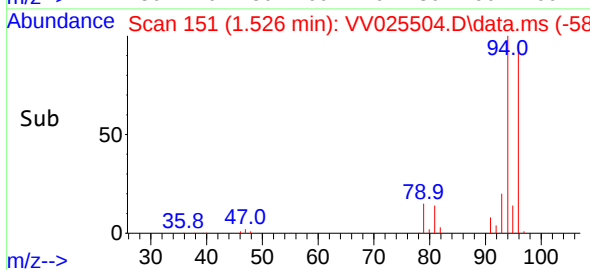
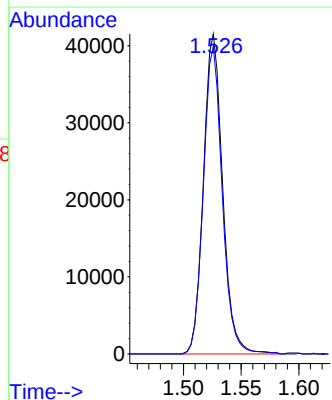
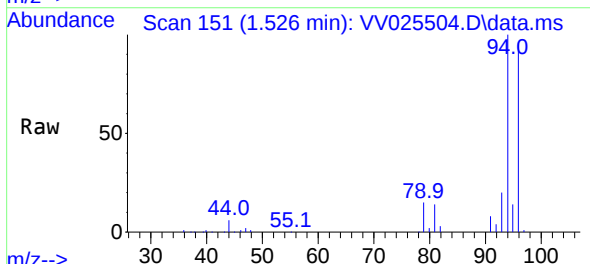
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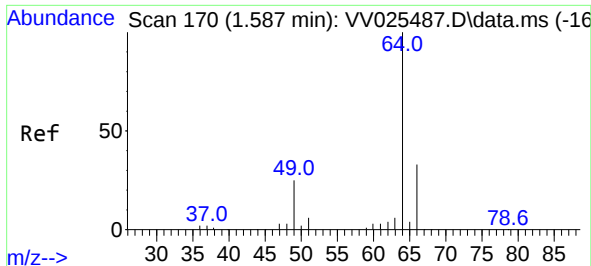
Tgt Ion: 62 Resp: 96078
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.2 43.2



#6
 Bromomethane
 Concen: 4.862 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV025504.D
 Acq: 13 Apr 2022 19:54

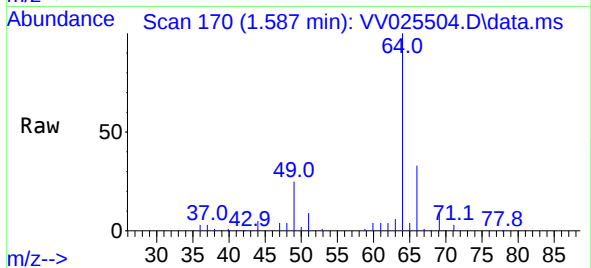
Tgt Ion: 94 Resp: 47955
 Ion Ratio Lower Upper
 94 100
 96 96.1 66.1 122.7



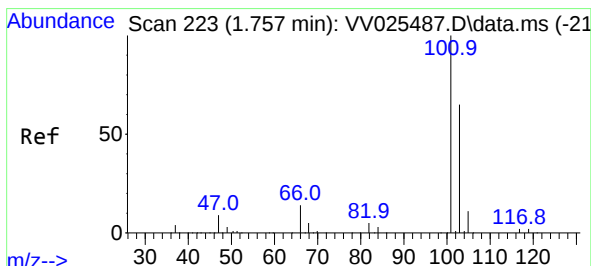
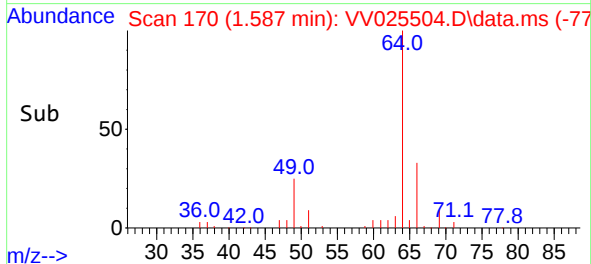
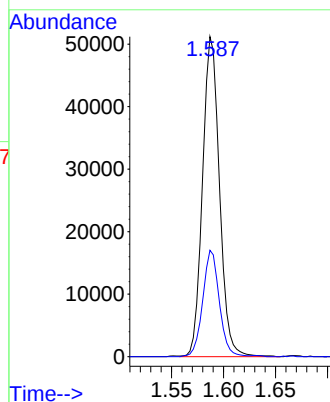


#8
Chloroethane
Concen: 5.500 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Instrument :
MSVOA_V
ClientSampleId :

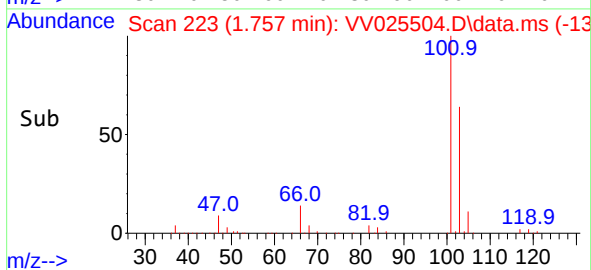
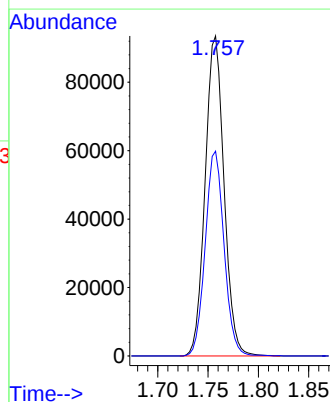
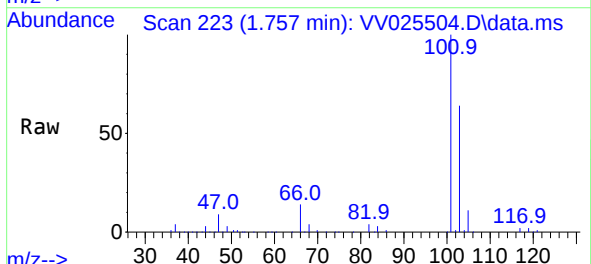


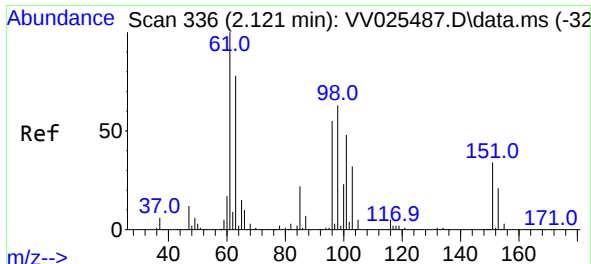
Tgt Ion: 64 Resp: 58065
Ion Ratio Lower Upper
64 100
66 33.3 21.8 40.6



#9
Trichlorofluoromethane
Concen: 6.356 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.000 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Tgt Ion:101 Resp: 122104
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9

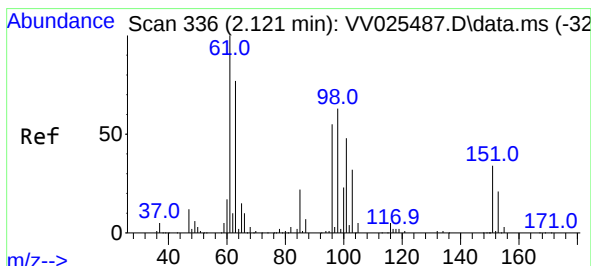
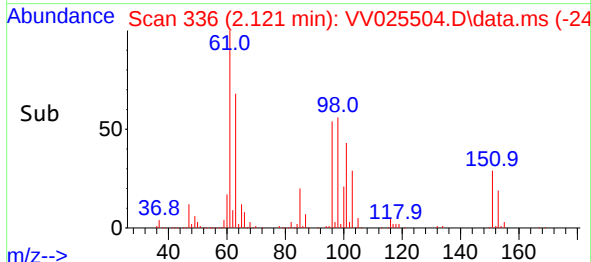
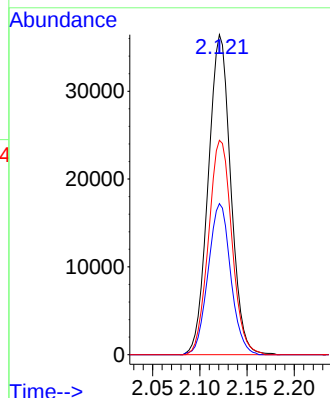
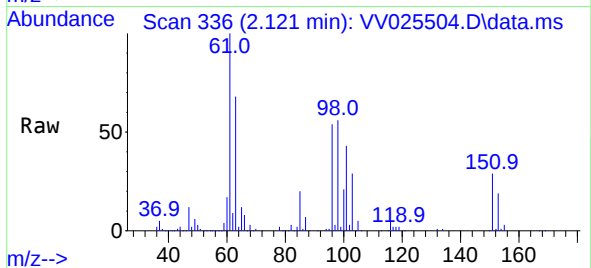




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.596 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025504.D
 Acq: 13 Apr 2022 19:54

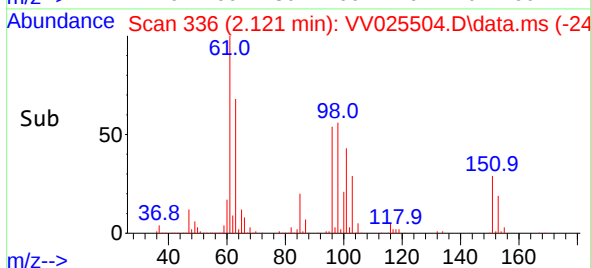
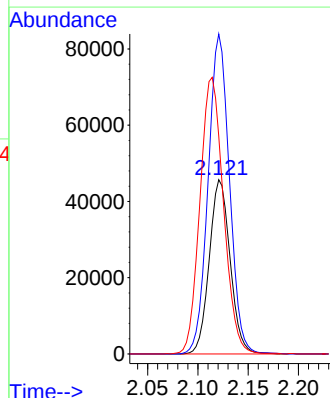
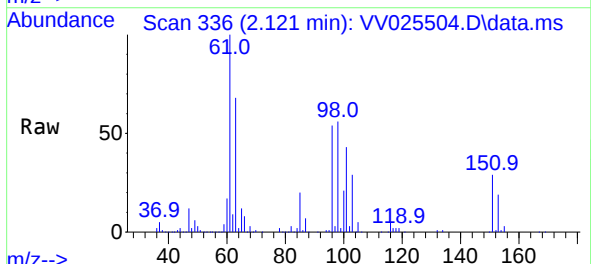
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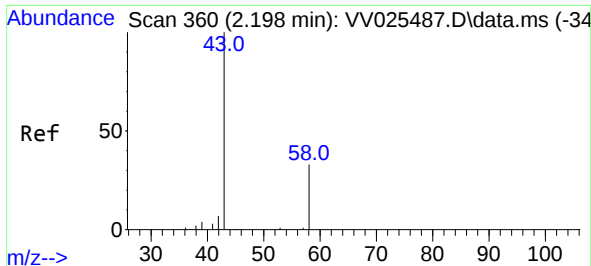
Tgt Ion:101 Resp: 60404
 Ion Ratio Lower Upper
 101 100
 85 47.2 35.9 53.9
 151 69.3 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 6.166 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025504.D
 Acq: 13 Apr 2022 19:54

Tgt Ion: 96 Resp: 65955
 Ion Ratio Lower Upper
 96 100
 61 183.7 125.2 232.4
 63 125.0 114.4 212.4





#13

Acetone

Concen: 58.288 ug/L

RT: 2.191 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV025504.D

Acq: 13 Apr 2022 19:54

Instrument :

MSVOA_V

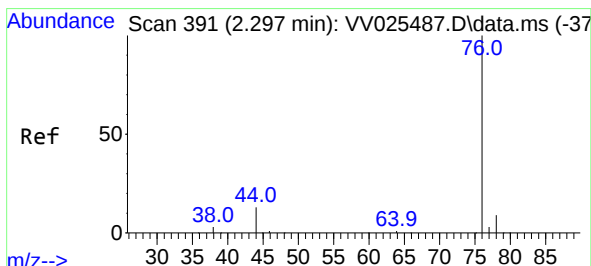
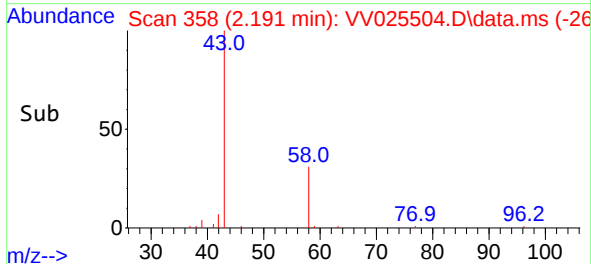
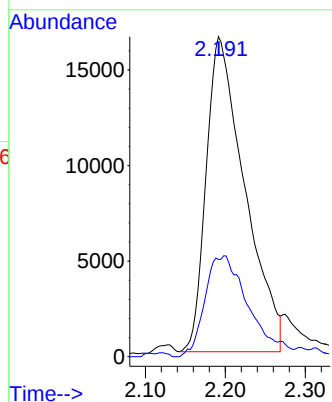
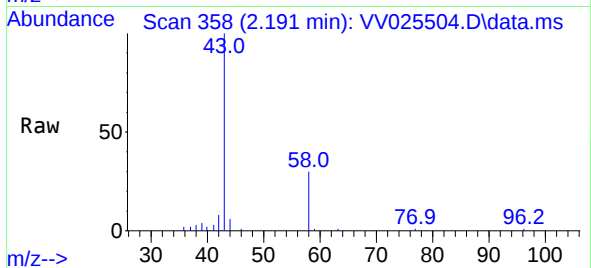
ClientSampleId :

Tgt Ion: 43 Resp: 55172

Ion Ratio Lower Upper

43 100

58 36.3 0.0 72.2



#14

Carbon disulfide

Concen: 5.559 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV025504.D

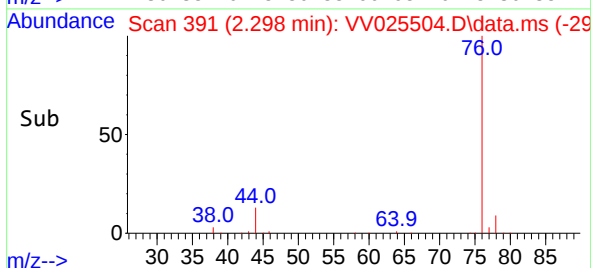
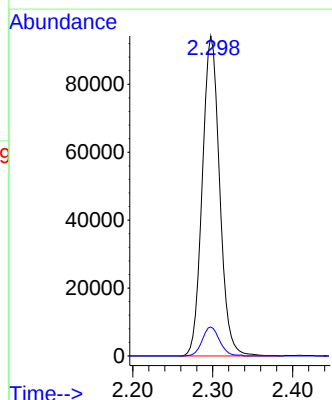
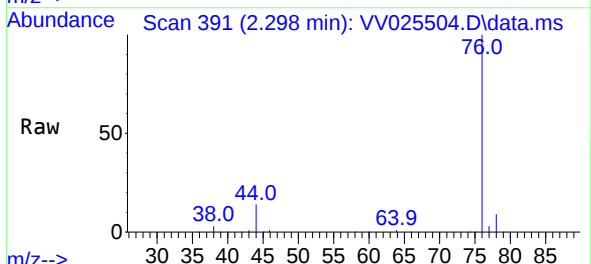
Acq: 13 Apr 2022 19:54

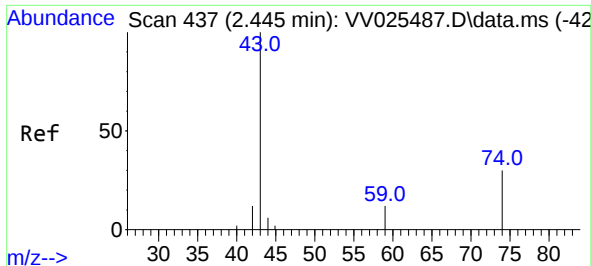
Tgt Ion: 76 Resp: 142332

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

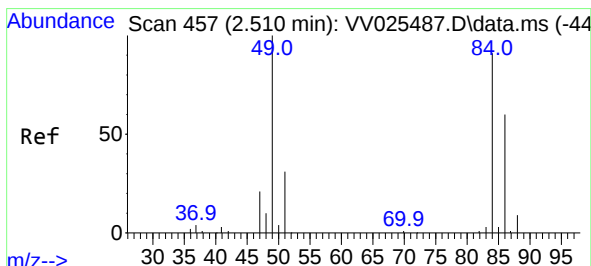
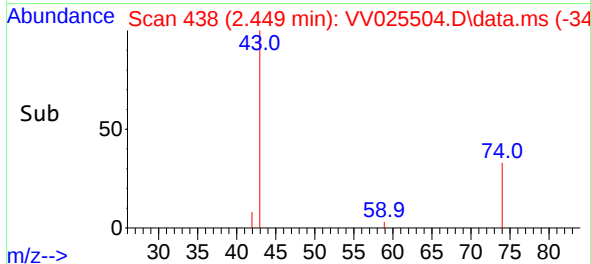
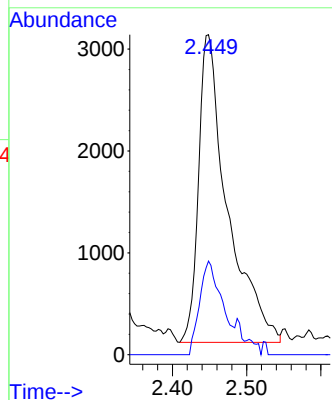
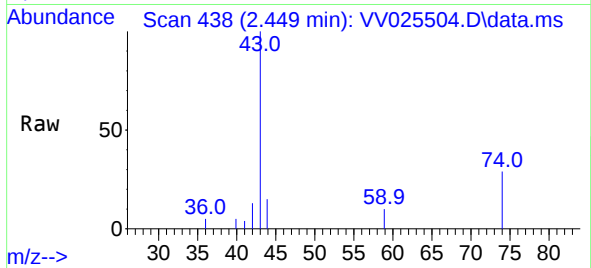




#15
Methyl Acetate
Concen: 3.887 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

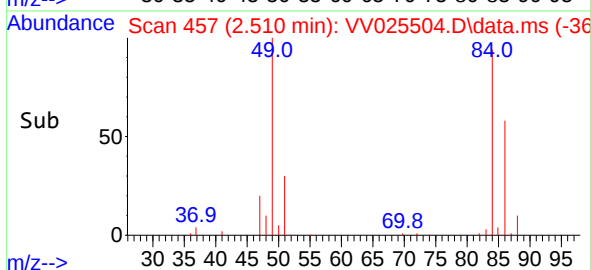
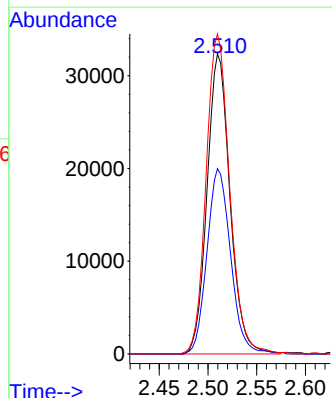
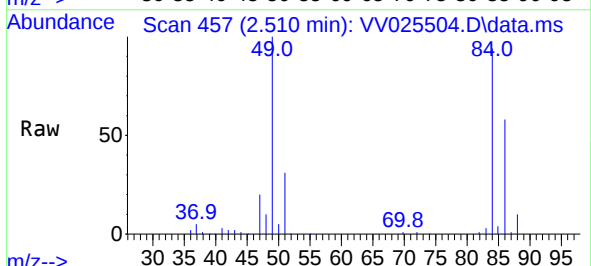
Instrument :
MSVOA_V
ClientSampleId :

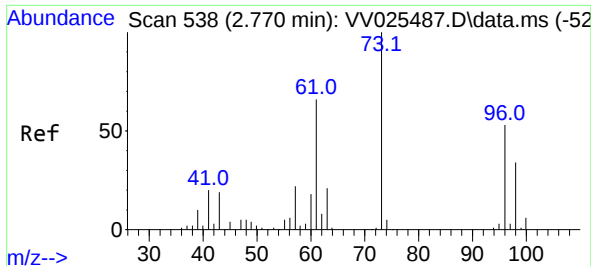
Tgt Ion: 43 Resp: 8177
Ion Ratio Lower Upper
43 100
74 23.6 25.2 37.8#



#16
Methylene chloride
Concen: 5.115 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

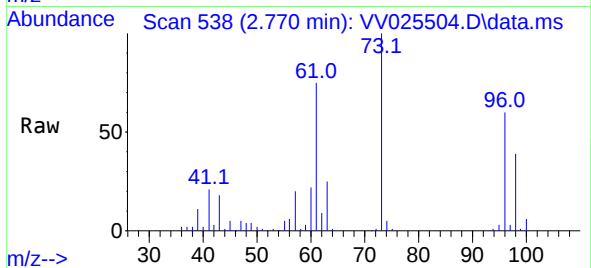
Tgt Ion: 84 Resp: 53037
Ion Ratio Lower Upper
84 100
86 61.7 45.9 85.3
49 106.6 76.6 142.3





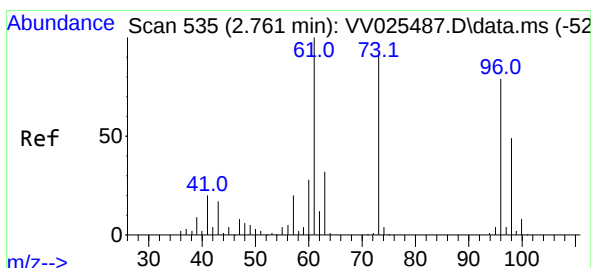
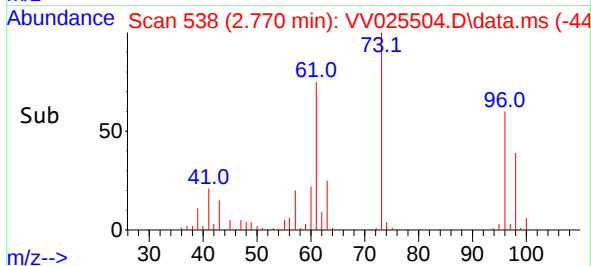
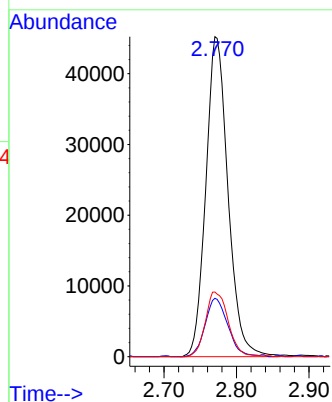
#17
Methyl tert-butyl Ether
Concen: 5.801 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 73 Resp: 96013

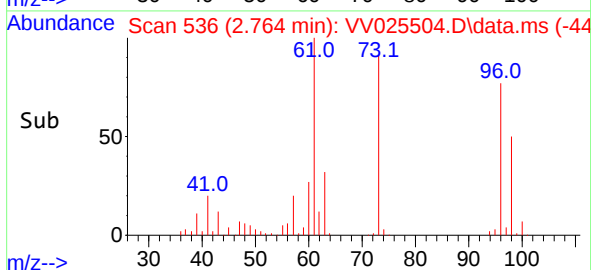
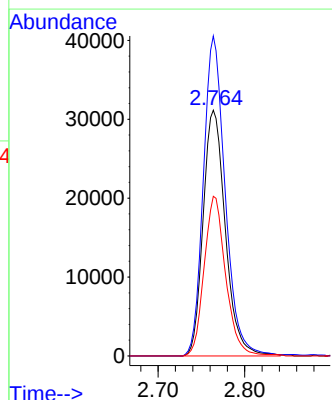
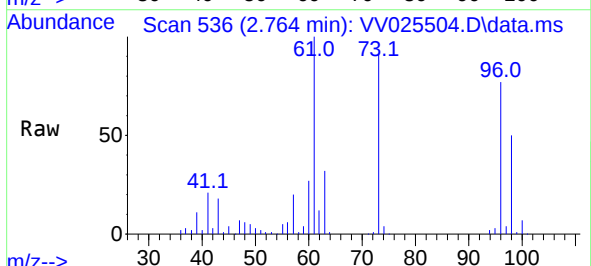
Ion	Ratio	Lower	Upper
73	100		
43	18.7	14.2	21.4
57	20.8	16.1	24.1

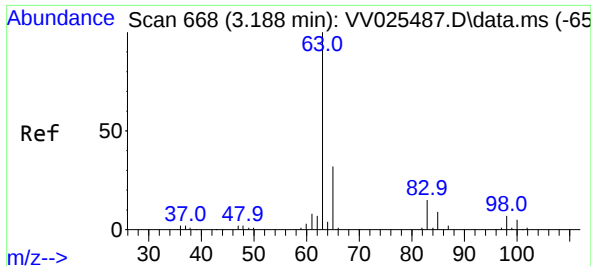


#18
trans-1,2-Dichloroethene
Concen: 6.201 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Tgt Ion: 96 Resp: 55574

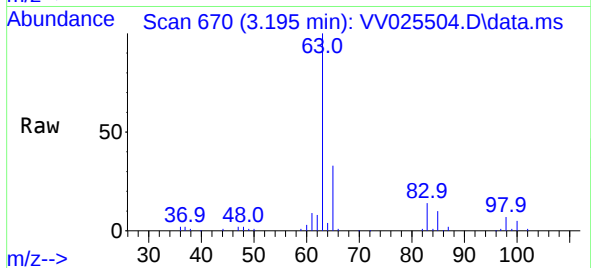
Ion	Ratio	Lower	Upper
96	100		
61	130.2	92.1	171.1
98	65.0	47.5	88.1



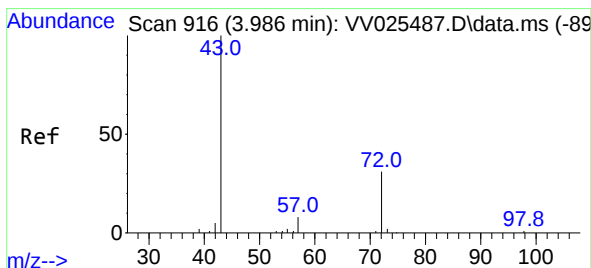
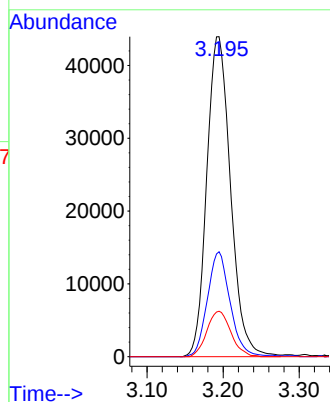
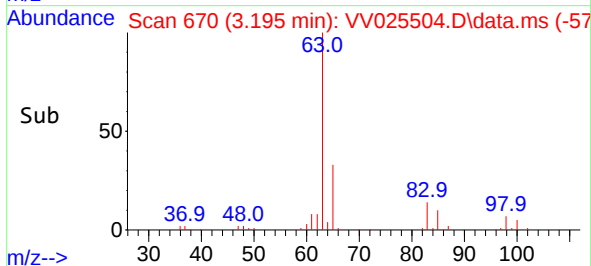


#19
1,1-Dichloroethane
Concen: 6.285 ug/L
RT: 3.195 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Instrument :
MSVOA_V
ClientSampleId :

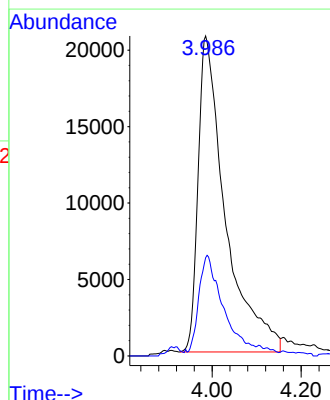
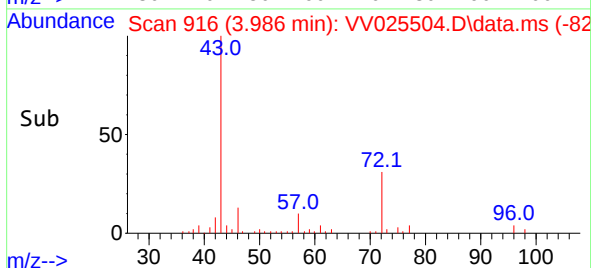
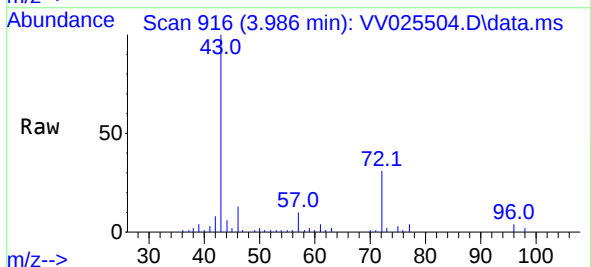


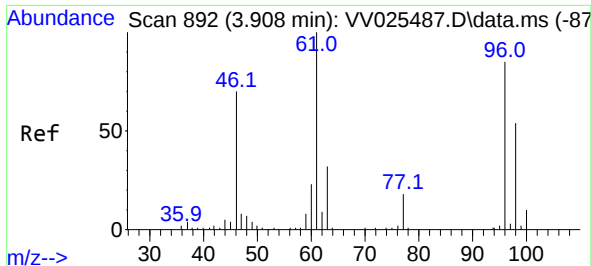
Tgt Ion: 63 Resp: 95403
Ion Ratio Lower Upper
63 100
65 32.8 23.2 43.0
83 14.2 9.0 16.8



#21
2-Butanone
Concen: 67.012 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.000 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

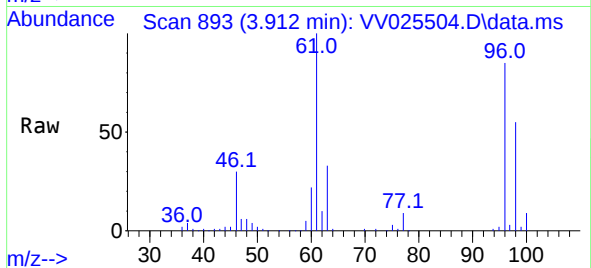
Tgt Ion: 43 Resp: 87647
Ion Ratio Lower Upper
43 100
72 26.4 15.2 45.6





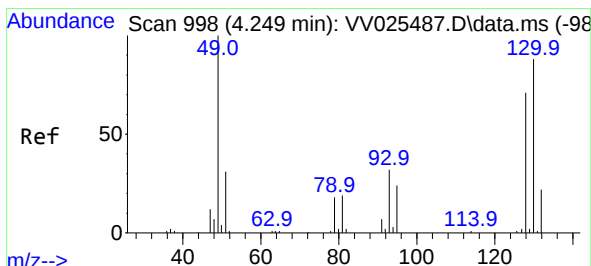
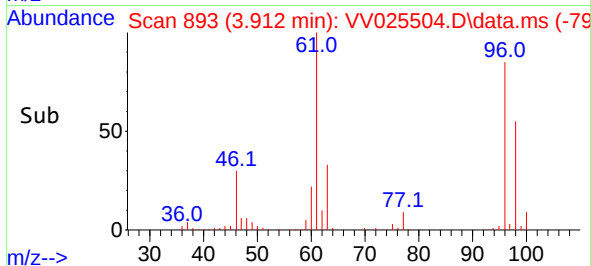
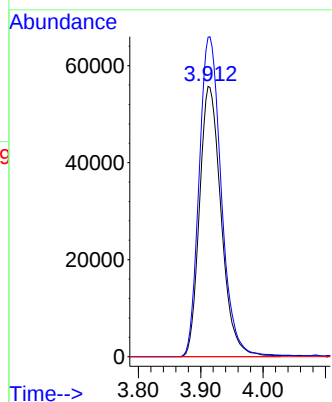
#22
 cis-1,2-Dichloroethene
 Concen: 14.246 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV025504.D
 Acq: 13 Apr 2022 19:54

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 134418

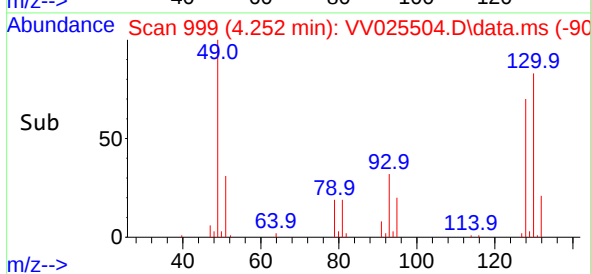
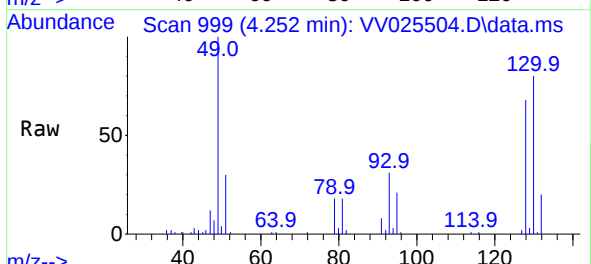
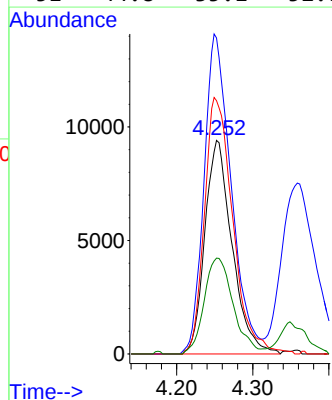
Ion	Ratio	Lower	Upper
96	100		
61	118.2	80.0	148.6
68	0.0	0.0	0.0

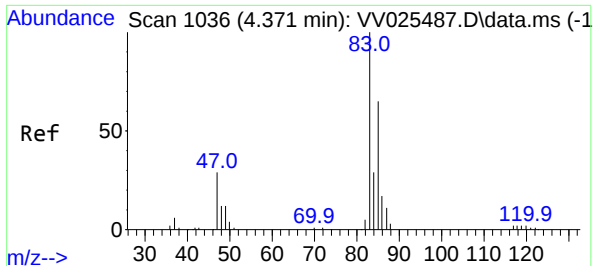


#23
 Bromochloromethane
 Concen: 5.972 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.003 min
 Lab File: VV025504.D
 Acq: 13 Apr 2022 19:54

Tgt Ion: 128 Resp: 23393

Ion	Ratio	Lower	Upper
128	100		
49	147.9	100.5	186.7
130	118.6	87.8	163.0
51	44.8	35.1	52.7





#25

Chloroform

Concen: 6.339 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025504.D

Acq: 13 Apr 2022 19:54

Instrument :

MSVOA_V

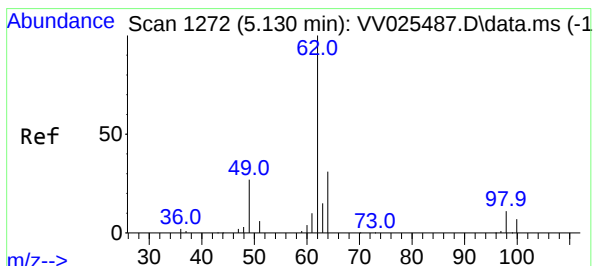
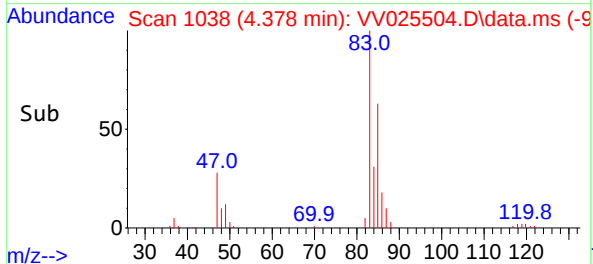
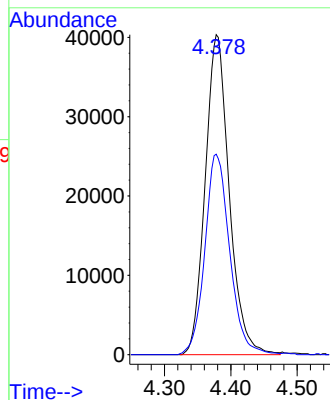
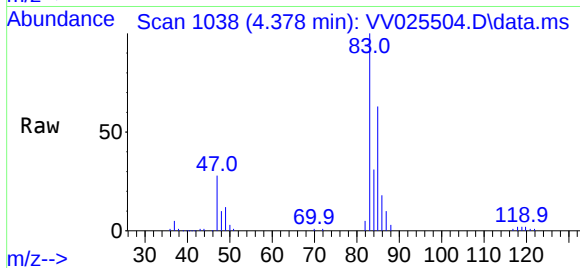
ClientSampleId :

Tgt Ion: 83 Resp: 101572

Ion Ratio Lower Upper

83 100

85 62.7 43.5 80.7



#27

1,2-Dichloroethane

Concen: 6.406 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV025504.D

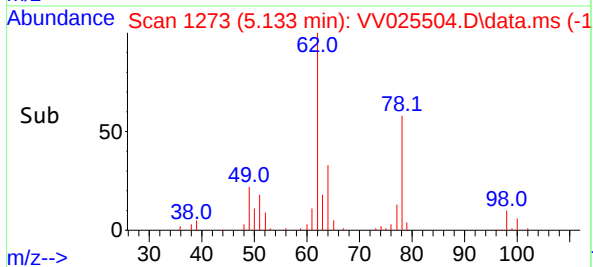
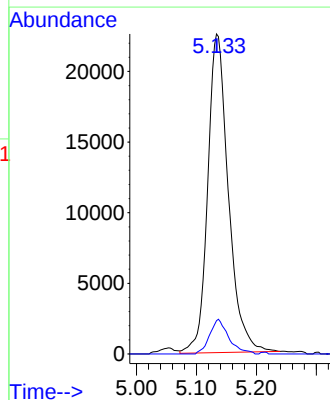
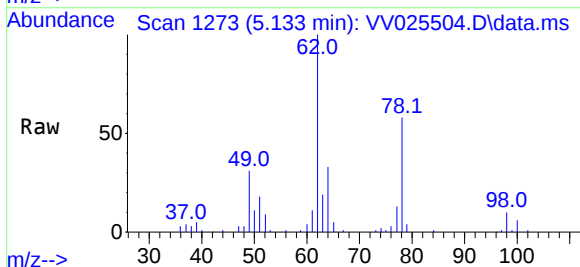
Acq: 13 Apr 2022 19:54

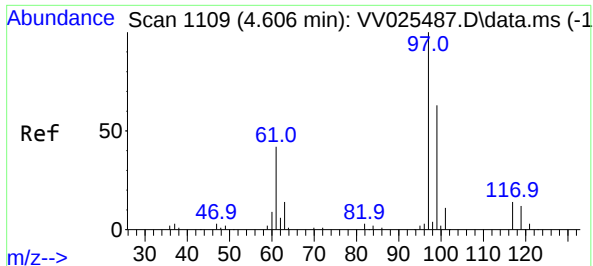
Tgt Ion: 62 Resp: 54154

Ion Ratio Lower Upper

62 100

98 10.4 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 6.030 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV025504.D

Acq: 13 Apr 2022 19:54

Instrument :

MSVOA_V

ClientSampleId :

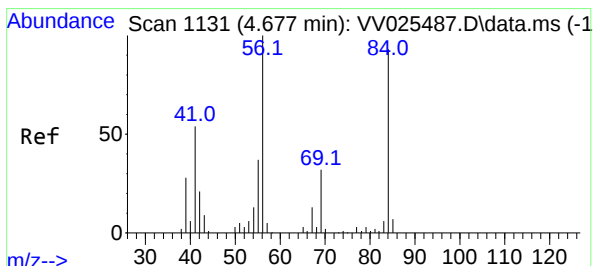
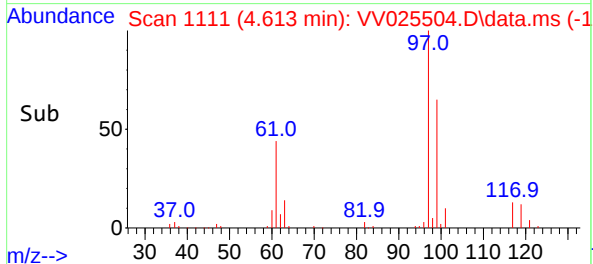
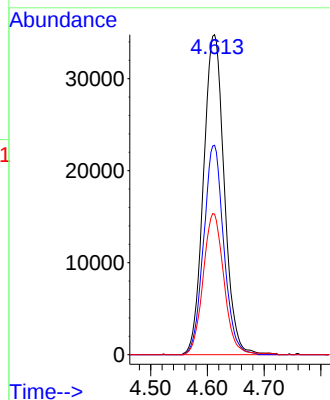
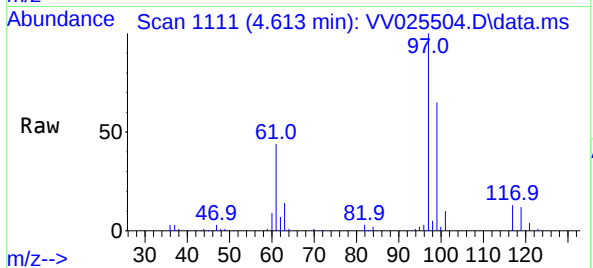
Tgt Ion: 97 Resp: 88629

Ion Ratio Lower Upper

97 100

99 63.5 51.5 77.3

61 44.0 34.3 51.5



#30

Cyclohexane

Concen: 5.460 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV025504.D

Acq: 13 Apr 2022 19:54

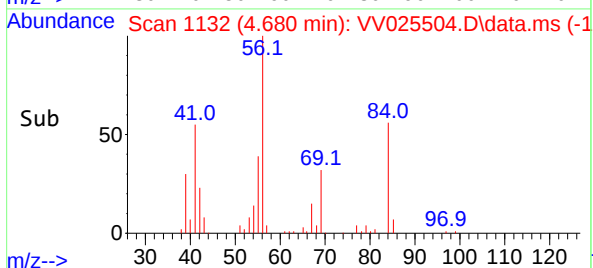
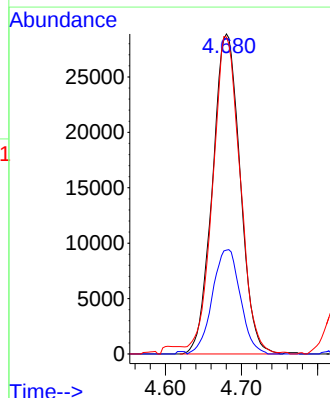
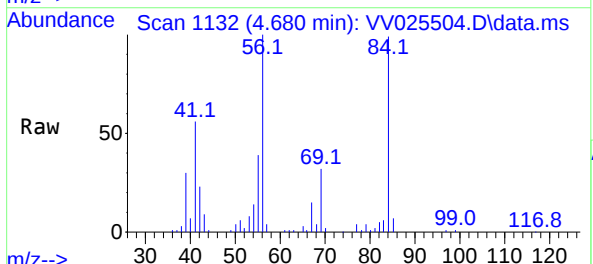
Tgt Ion: 56 Resp: 72964

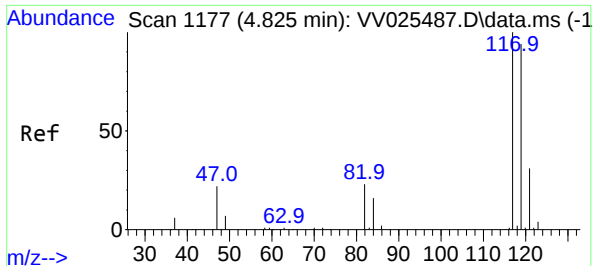
Ion Ratio Lower Upper

56 100

69 32.9 26.1 39.1

84 97.2 78.6 118.0

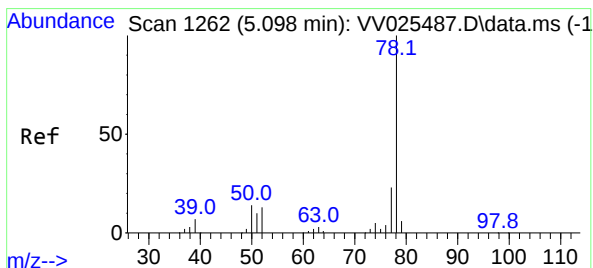
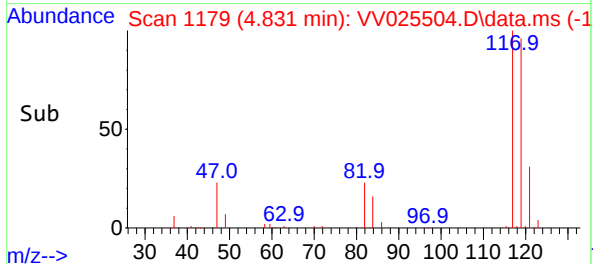
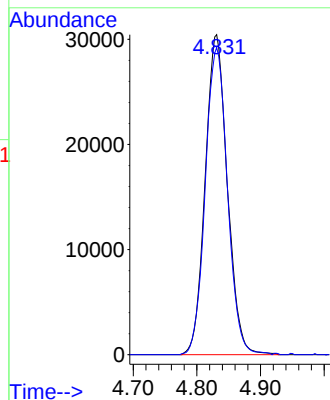
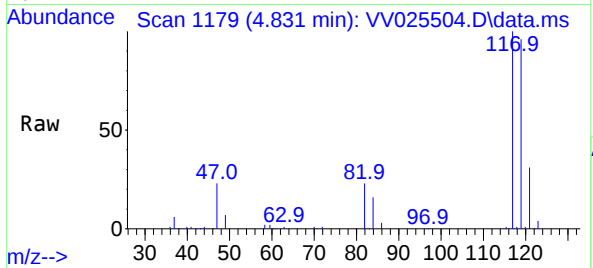




#31
Carbon tetrachloride
Concen: 5.917 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

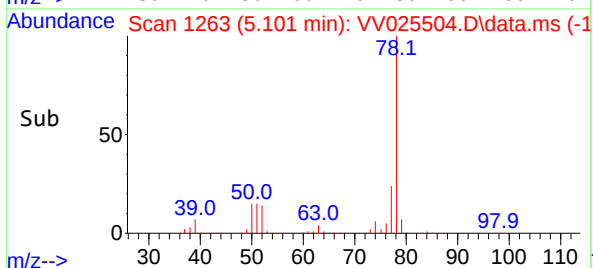
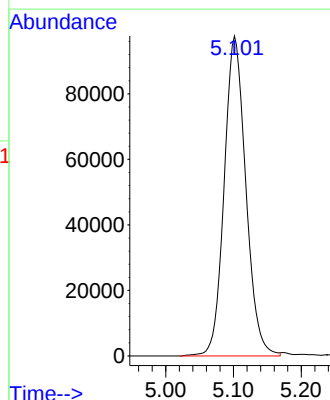
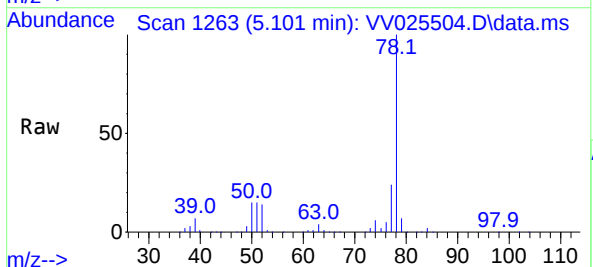
Instrument :
MSVOA_V
ClientSampleId :

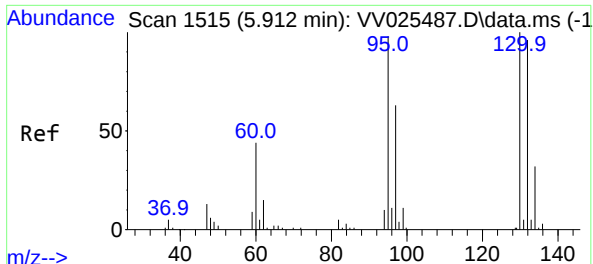
Tgt Ion:117 Resp: 73552
Ion Ratio Lower Upper
117 100
119 96.4 76.6 114.8



#33
Benzene
Concen: 5.890 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Tgt Ion: 78 Resp: 216846





#34

Trichloroethene

Concen: 7.798 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025504.D

Acq: 13 Apr 2022 19:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 76224

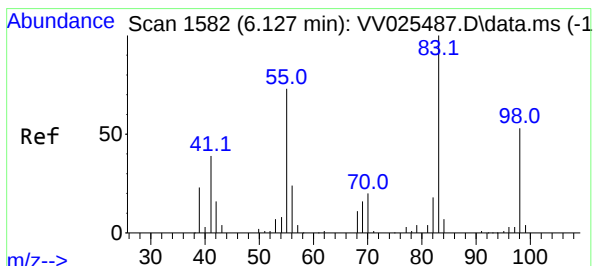
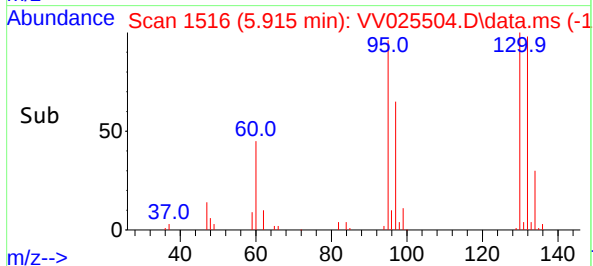
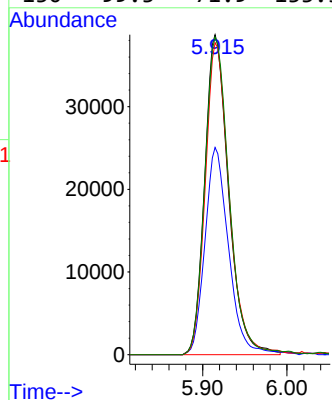
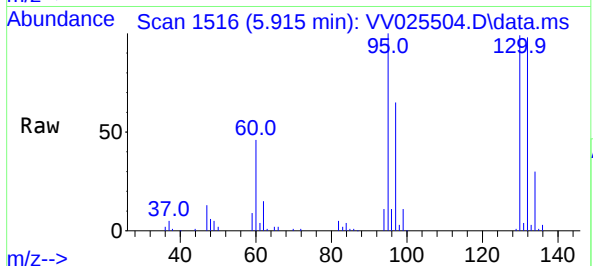
Ion Ratio Lower Upper

95 100

97 64.8 45.8 85.2

132 97.5 68.0 126.4

130 99.3 71.9 133.5



#35

Methylcyclohexane

Concen: 4.841 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.006 min

Lab File: VV025504.D

Acq: 13 Apr 2022 19:54

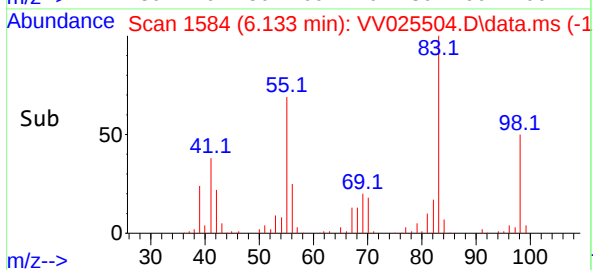
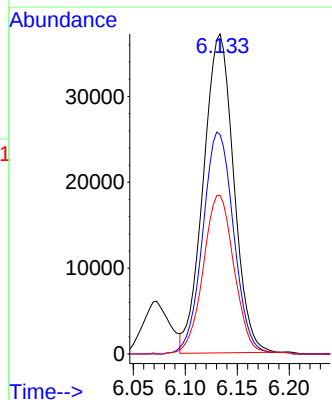
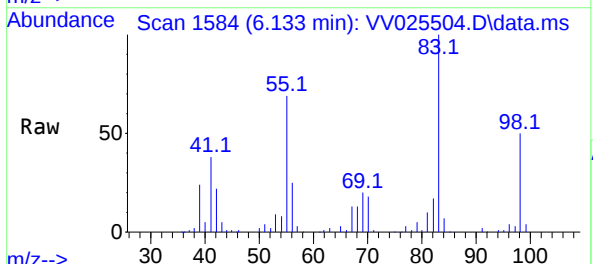
Tgt Ion: 83 Resp: 75509

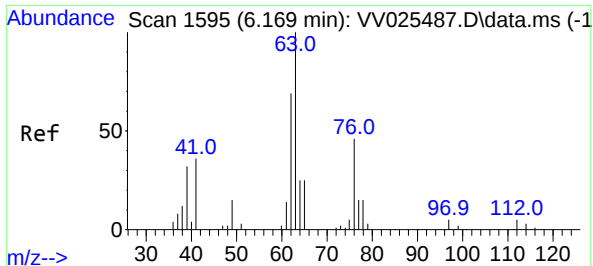
Ion Ratio Lower Upper

83 100

55 71.2 53.7 80.5

98 50.9 39.6 59.4





#37

1,2-Dichloropropane

Concen: 6.114 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025504.D

Acq: 13 Apr 2022 19:54

Instrument :

MSVOA_V

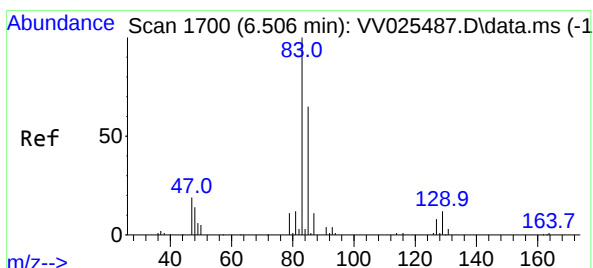
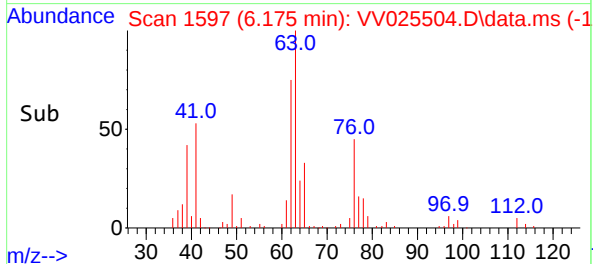
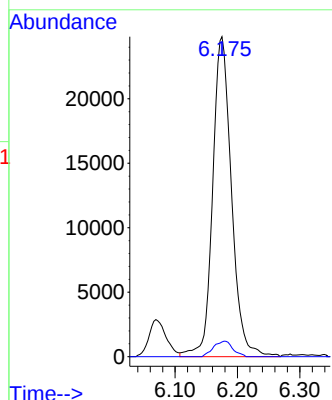
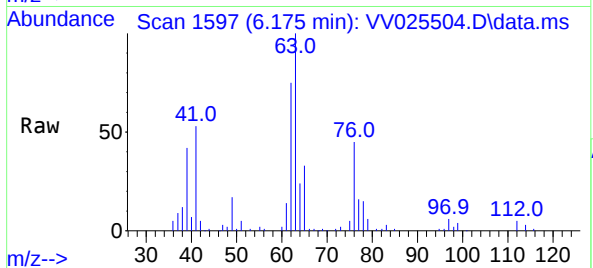
ClientSampleId :

Tgt Ion: 63 Resp: 52074

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 5.917 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025504.D

Acq: 13 Apr 2022 19:54

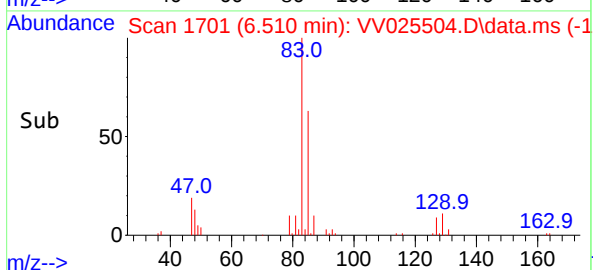
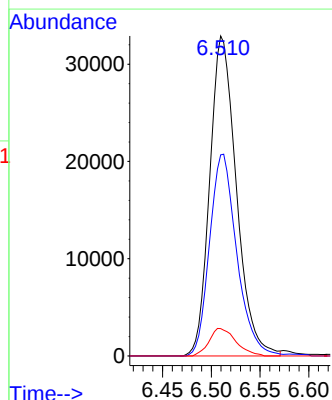
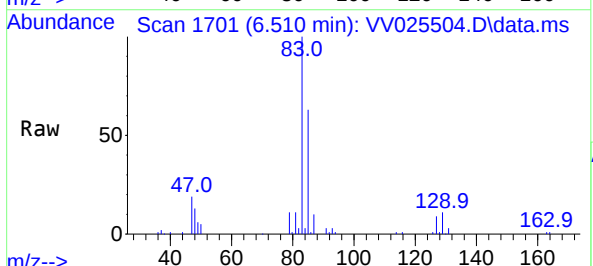
Tgt Ion: 83 Resp: 62561

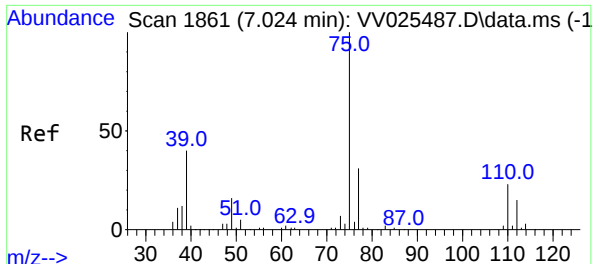
Ion Ratio Lower Upper

83 100

85 62.9 44.4 82.4

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.720 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025504.D

Acq: 13 Apr 2022 19:54

Instrument :

MSVOA_V

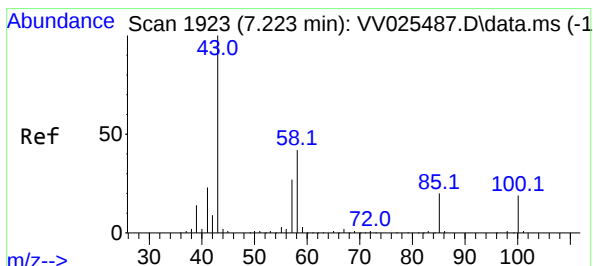
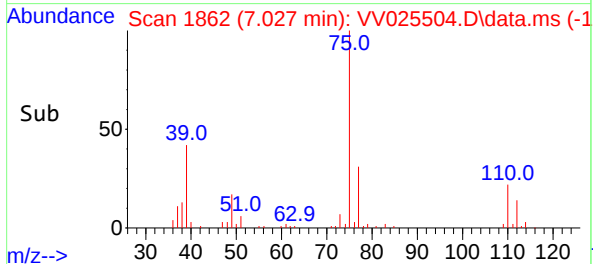
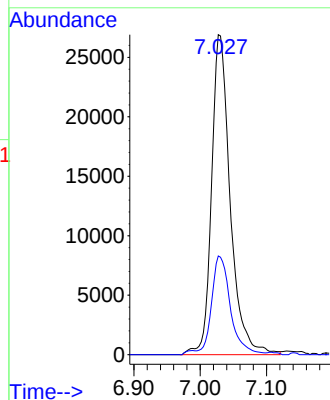
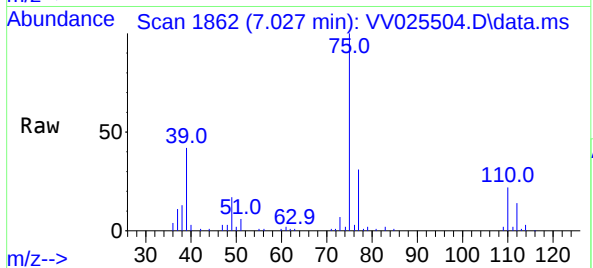
ClientSampleId :

Tgt Ion: 75 Resp: 52678

Ion Ratio Lower Upper

75 100

77 30.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 65.621 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025504.D

Acq: 13 Apr 2022 19:54

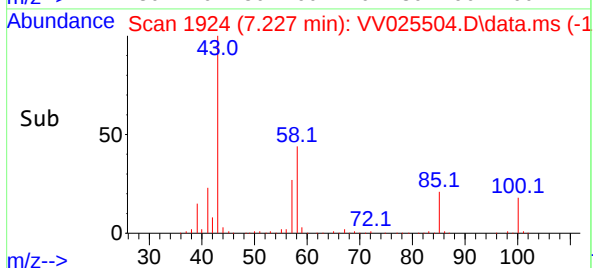
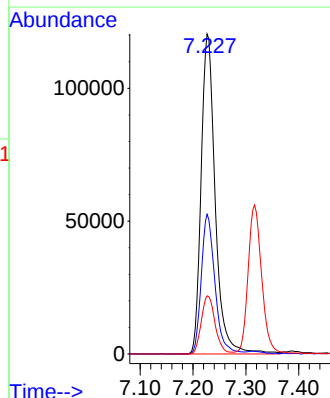
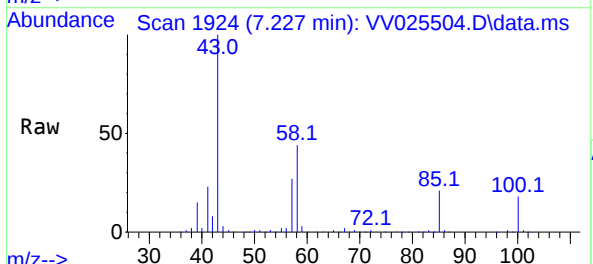
Tgt Ion: 43 Resp: 223772

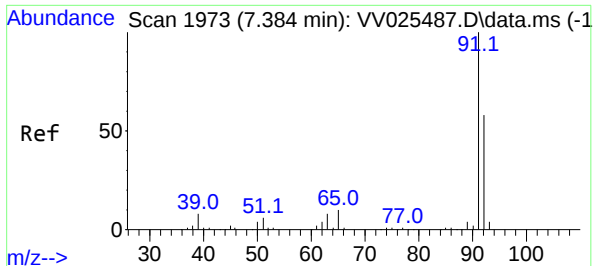
Ion Ratio Lower Upper

43 100

58 42.2 35.1 52.7

100 17.8 15.3 22.9





#42

Toluene

Concen: 5.931 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025504.D

Acq: 13 Apr 2022 19:54

Instrument :

MSVOA_V

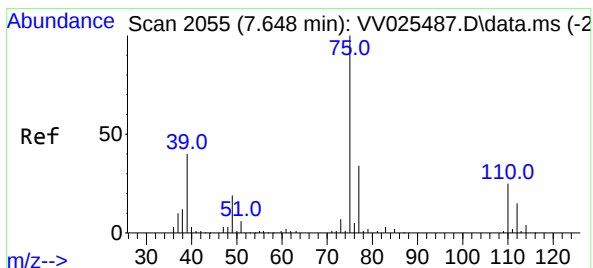
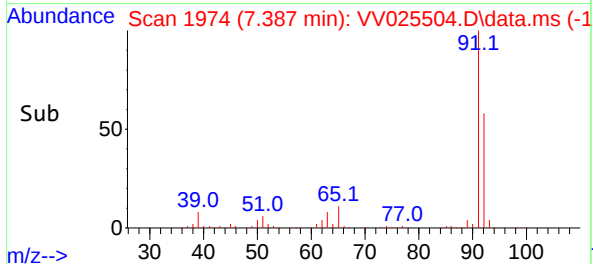
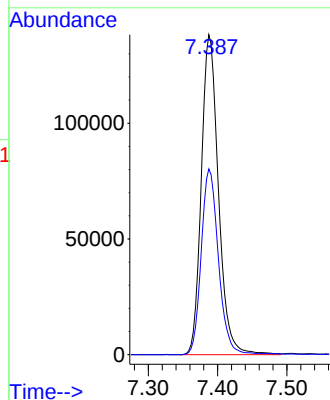
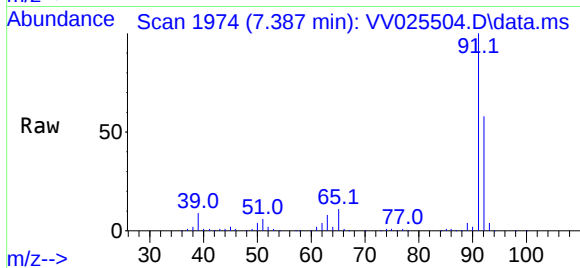
ClientSampleId :

Tgt Ion: 91 Resp: 237520

Ion Ratio Lower Upper

91 100

92 58.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.809 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV025504.D

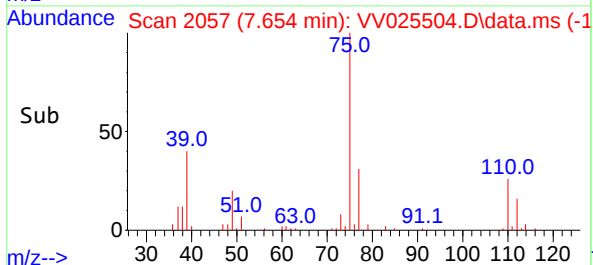
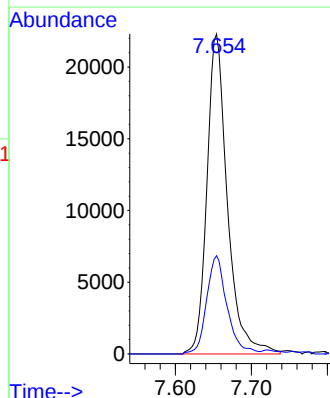
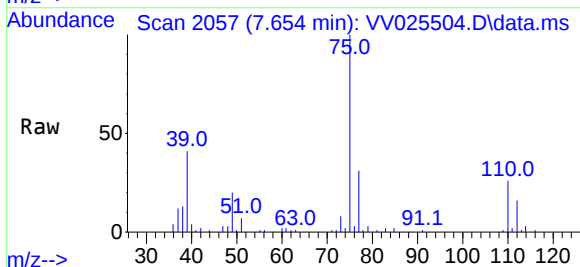
Acq: 13 Apr 2022 19:54

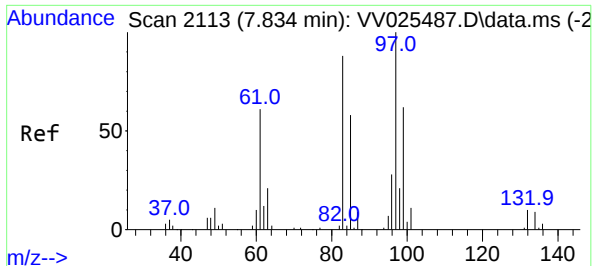
Tgt Ion: 75 Resp: 41703

Ion Ratio Lower Upper

75 100

77 30.7 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 6.081 ug/L

RT: 7.841 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VV025504.D

Acq: 13 Apr 2022 19:54

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 34683

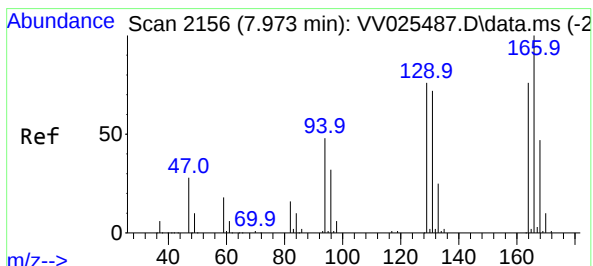
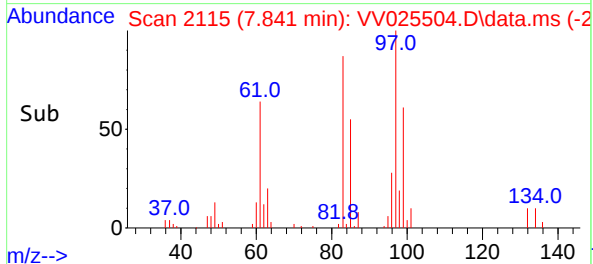
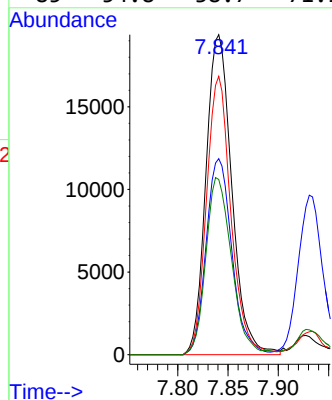
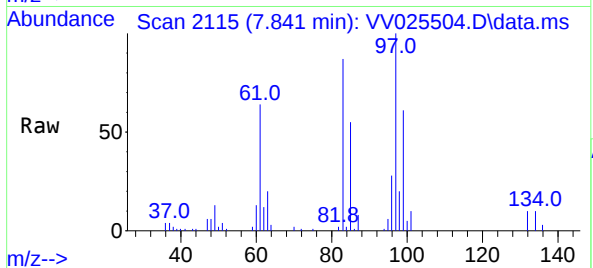
Ion Ratio Lower Upper

97 100

99 61.2 43.8 81.4

83 87.0 60.3 112.1

85 54.8 38.7 71.9



#47

Tetrachloroethene

Concen: 5.541 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025504.D

Acq: 13 Apr 2022 19:54

Tgt Ion:164 Resp: 42399

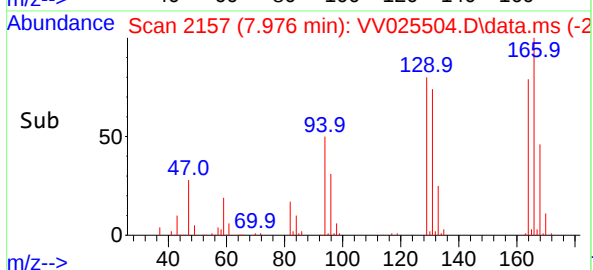
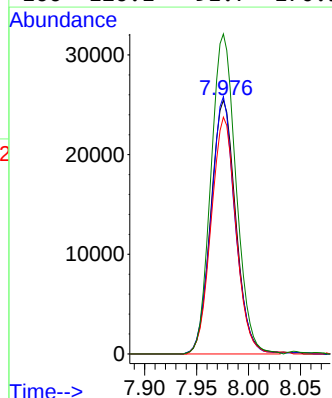
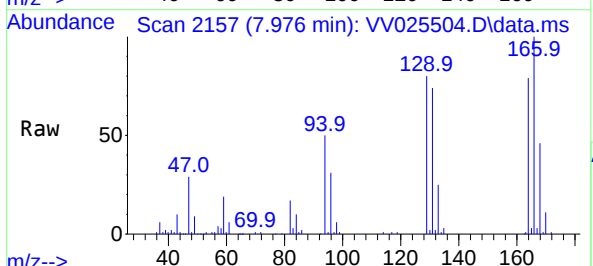
Ion Ratio Lower Upper

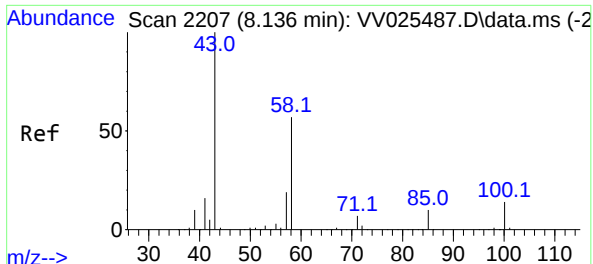
164 100

129 101.4 66.8 124.2

131 93.3 66.4 123.4

166 126.1 91.7 170.3

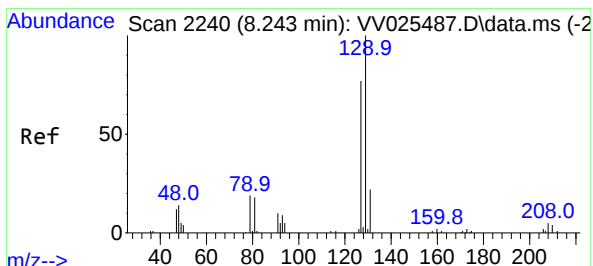
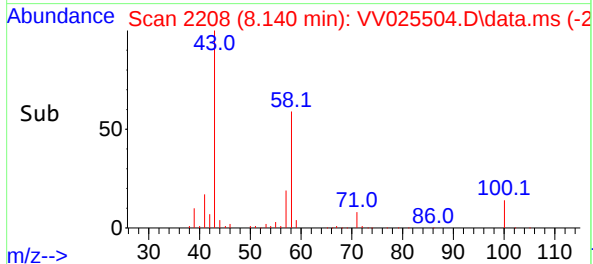
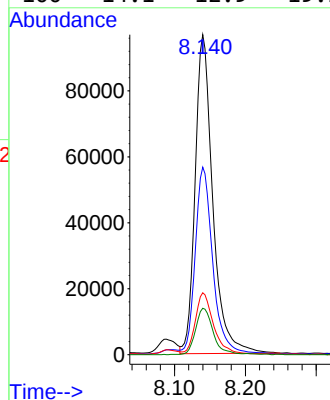
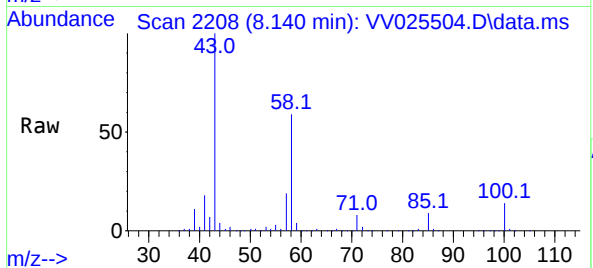




#48
2-Hexanone
Concen: 70.381 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

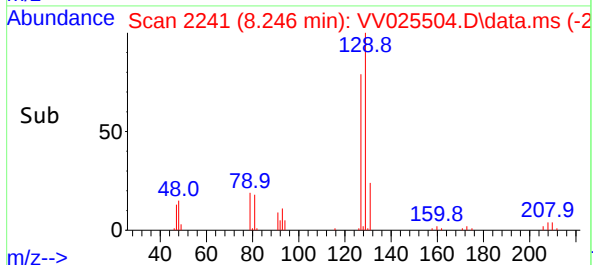
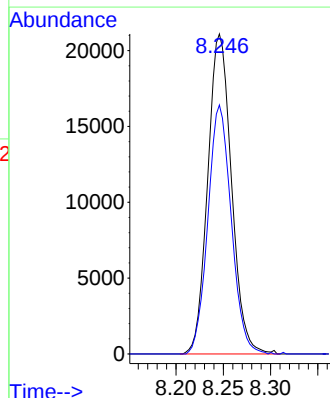
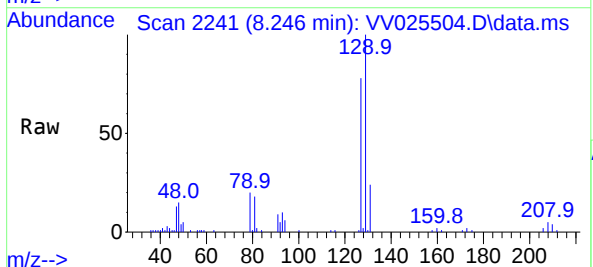
Instrument :
MSVOA_V
ClientSampleId :

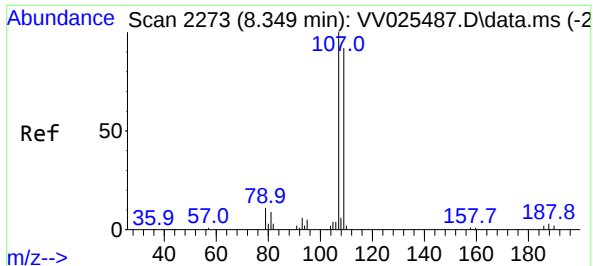
Tgt Ion: 43 Resp: 167257
Ion Ratio Lower Upper
43 100
58 58.2 49.7 74.5
57 19.4 16.4 24.6
100 14.1 12.9 19.3



#49
Dibromochloromethane
Concen: 5.883 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Tgt Ion: 129 Resp: 36835
Ion Ratio Lower Upper
129 100
127 77.8 53.8 100.0





#50

1,2-Dibromoethane

Concen: 5.798 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025504.D

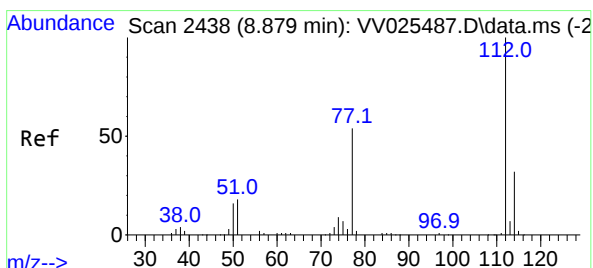
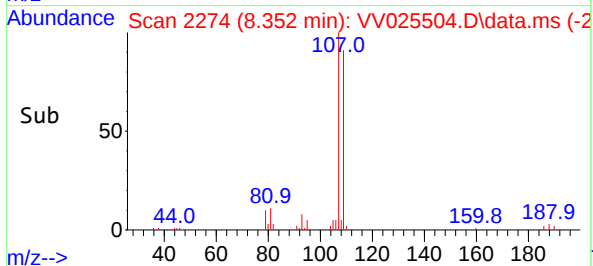
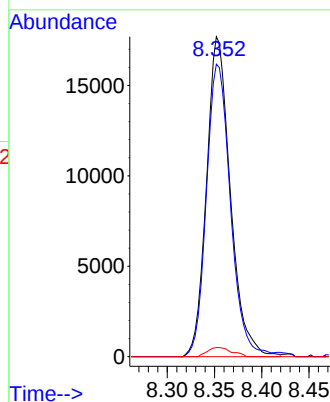
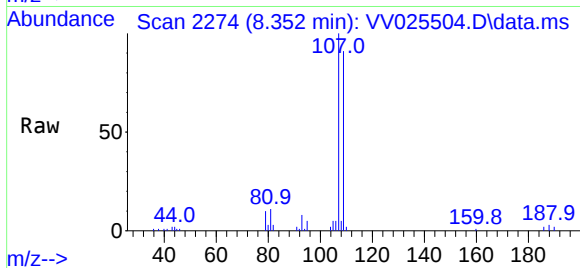
Acq: 13 Apr 2022 19:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	31058
Ion	Ratio	Lower	Upper
107	100		
109	91.4	65.9	122.3
188	2.8	2.7	4.1



#51

Chlorobenzene

Concen: 5.734 ug/L

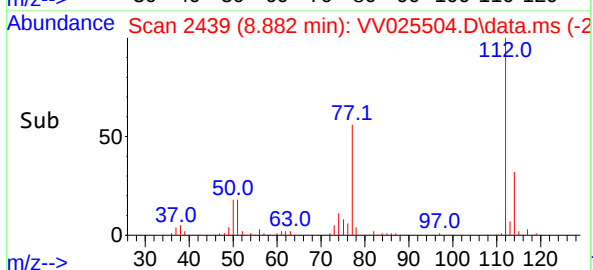
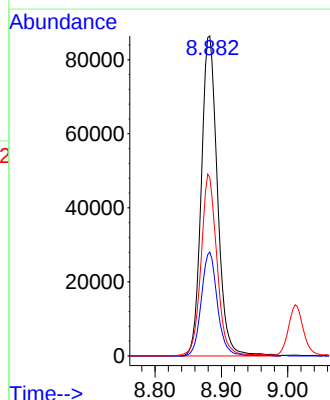
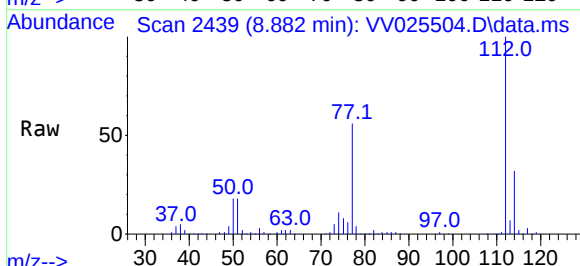
RT: 8.882 min Scan# 2439

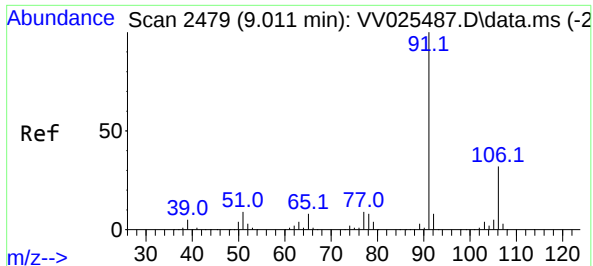
Delta R.T. 0.003 min

Lab File: VV025504.D

Acq: 13 Apr 2022 19:54

Tgt Ion:	112	Resp:	146619
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.4	41.6
77	55.8	43.7	65.5

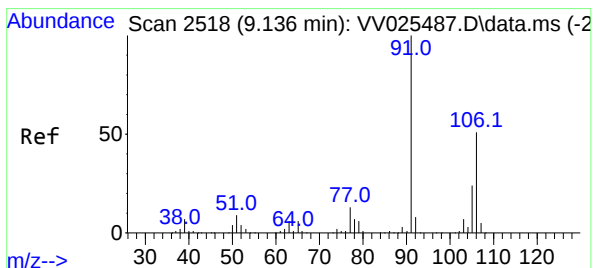
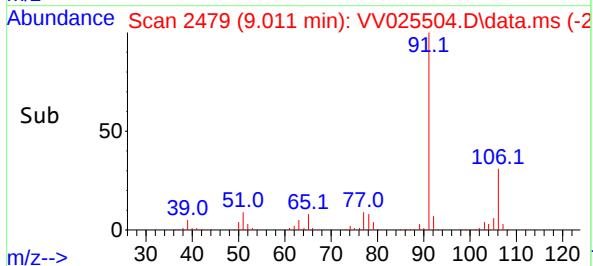
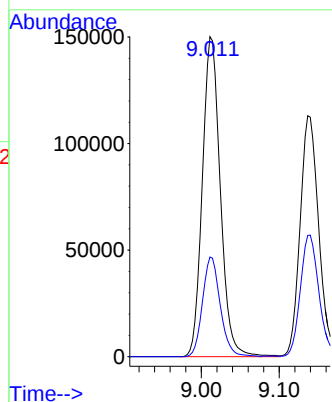
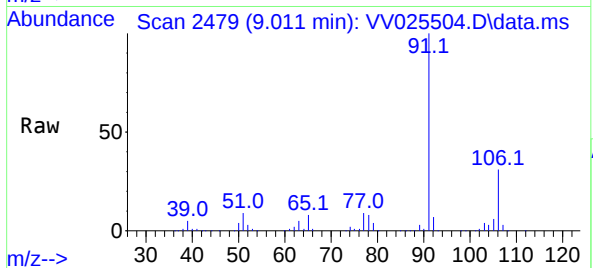




#52
Ethylbenzene
Concen: 5.631 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

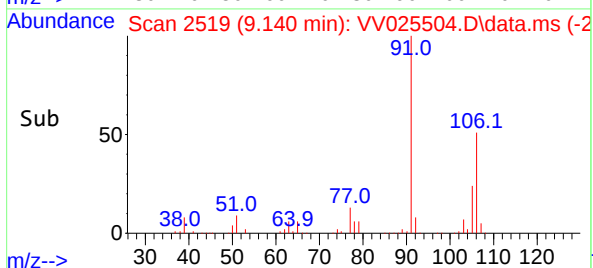
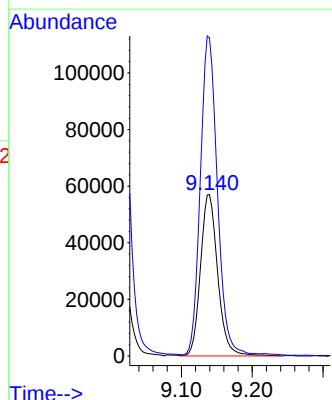
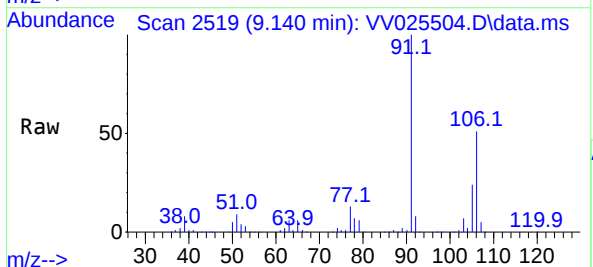
Instrument :
MSVOA_V
ClientSampleId :

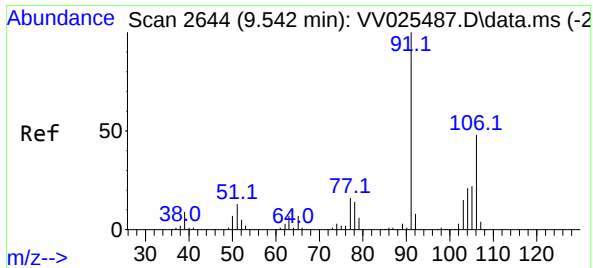
Tgt Ion: 91 Resp: 240498
Ion Ratio Lower Upper
91 100
106 31.1 22.3 41.3



#53
m,p-Xylene
Concen: 5.918 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Tgt Ion: 106 Resp: 96106
Ion Ratio Lower Upper
106 100
91 197.1 136.4 253.4

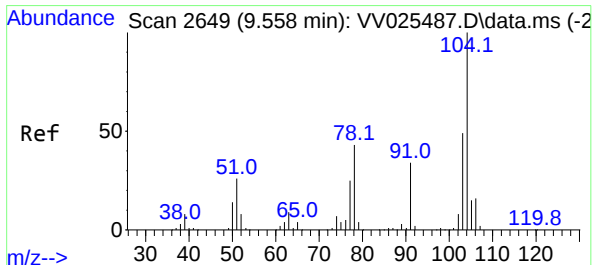
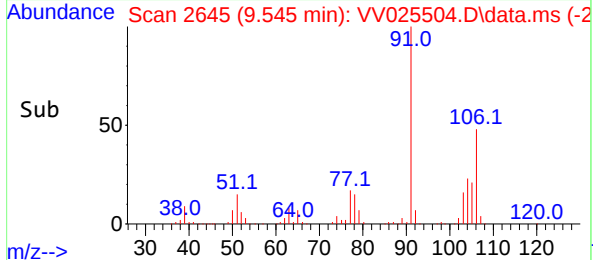
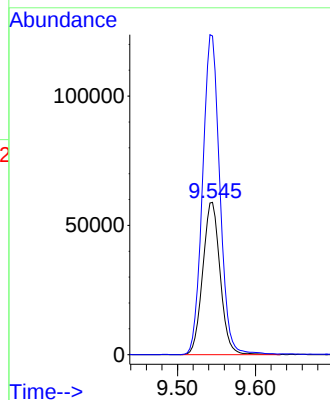
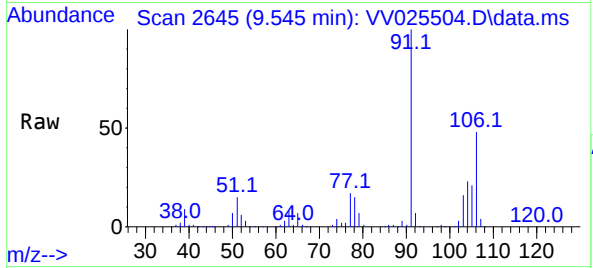




#54
o-Xylene
Concen: 5.816 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

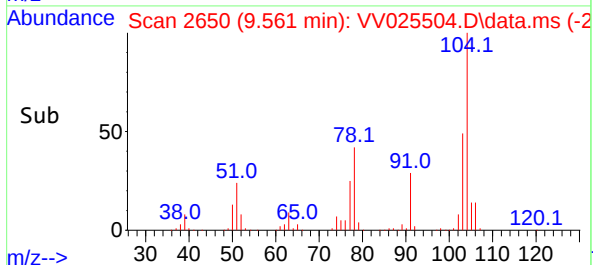
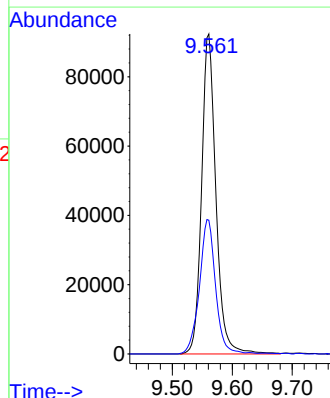
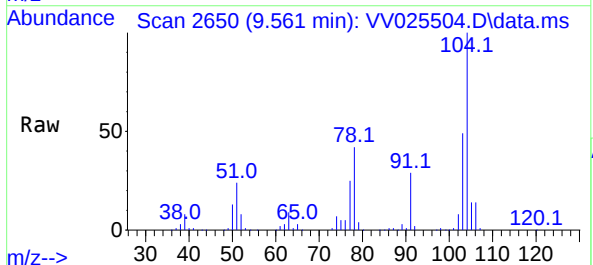
Instrument :
MSVOA_V
ClientSampleId :

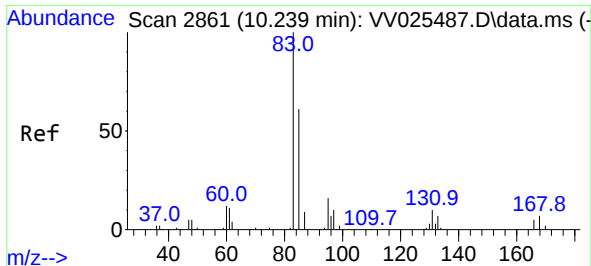
Tgt Ion:106 Resp: 91724
Ion Ratio Lower Upper
106 100
91 209.2 150.4 279.2



#55
Styrene
Concen: 5.988 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Tgt Ion:104 Resp: 153583
Ion Ratio Lower Upper
104 100
78 41.8 28.3 52.7

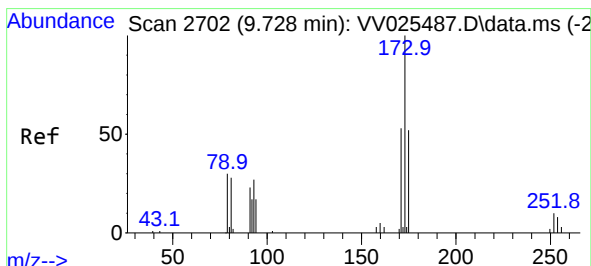
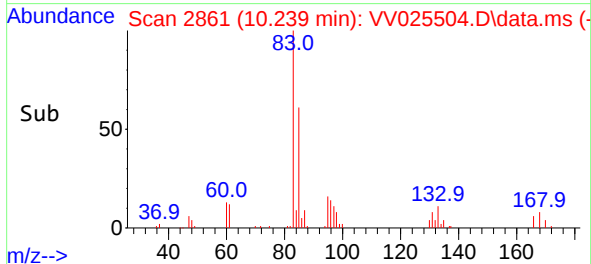
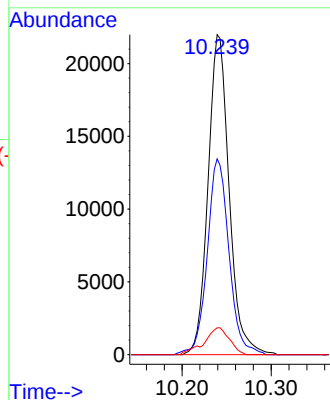
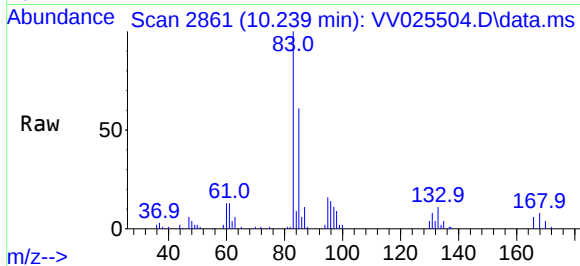




#57
1,1,2,2-Tetrachloroethane
Concen: 6.336 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

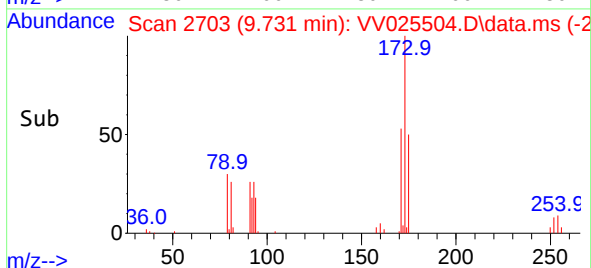
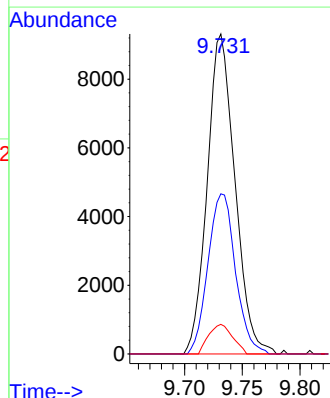
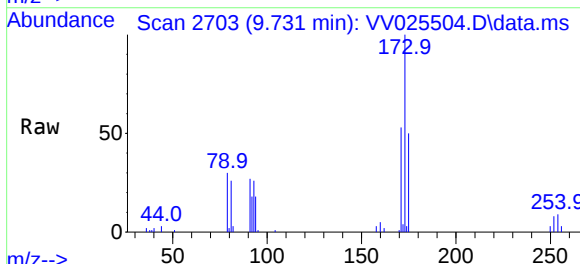
Instrument :
MSVOA_V
ClientSampleId :

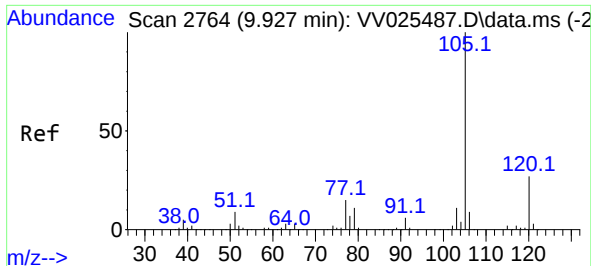
Tgt Ion:	83	Resp:	36108
Ion	Ratio	Lower	Upper
83	100		
85	61.2	45.1	83.9
131	8.4	7.9	11.9



#59
Bromoform
Concen: 5.635 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Tgt Ion:	173	Resp:	15548
Ion	Ratio	Lower	Upper
173	100		
175	49.7	40.8	61.2
254	8.0	7.0	10.6

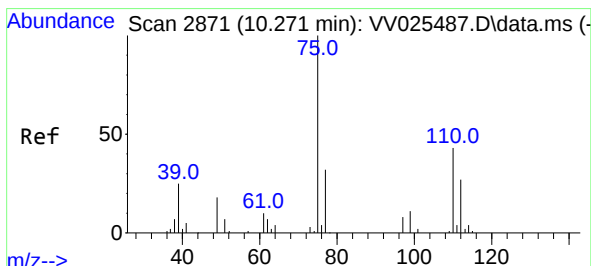
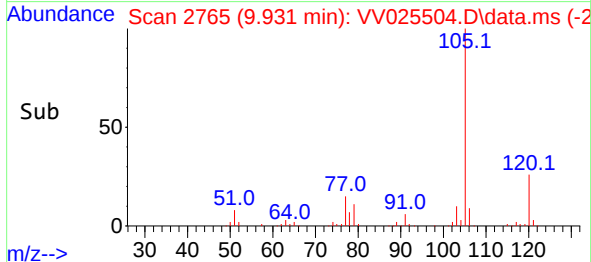
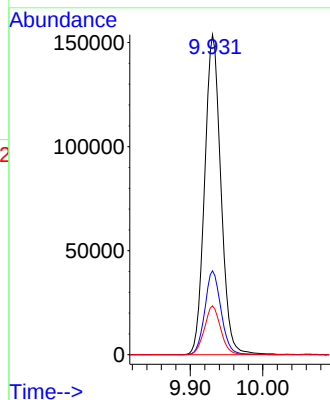
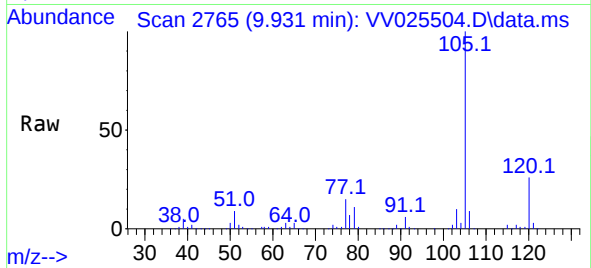




#60
Isopropylbenzene
Concen: 5.781 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

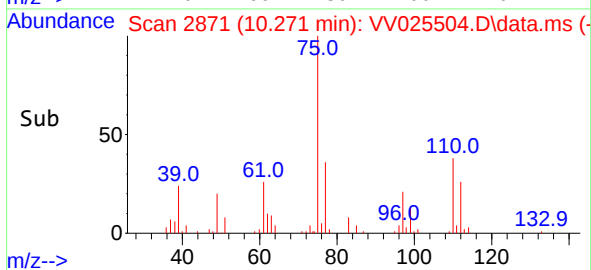
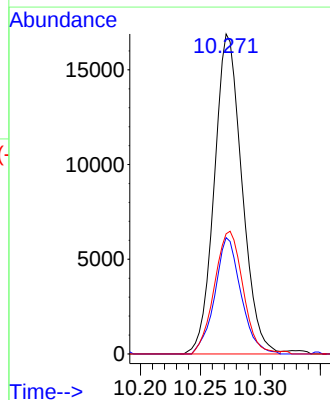
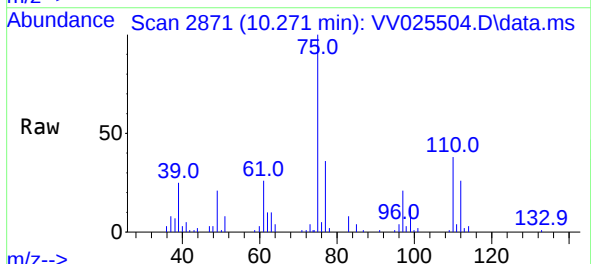
Instrument :
MSVOA_V
ClientSampleId :

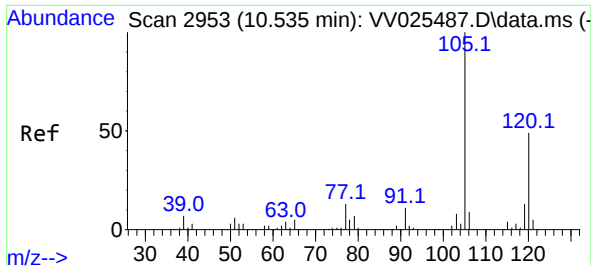
Tgt Ion:105 Resp: 239188
Ion Ratio Lower Upper
105 100
120 26.2 21.2 31.8
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 6.144 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Tgt Ion: 75 Resp: 27047
Ion Ratio Lower Upper
75 100
77 34.4 25.6 38.4
110 39.9 34.7 52.1

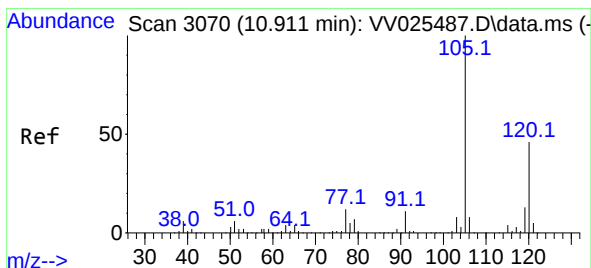
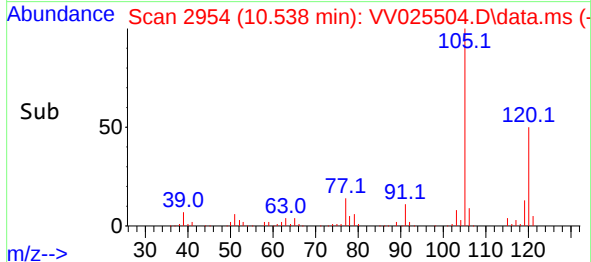
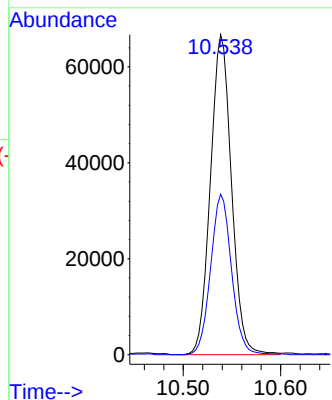
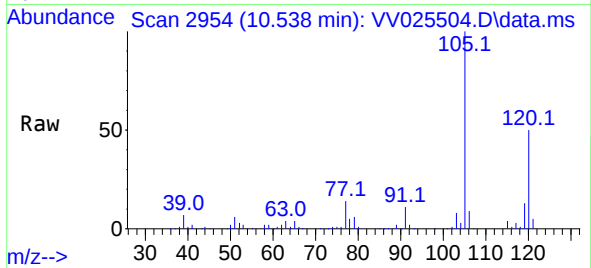




#62
1,3,5-Trimethylbenzene
Concen: 5.434 ug/L
RT: 10.538 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

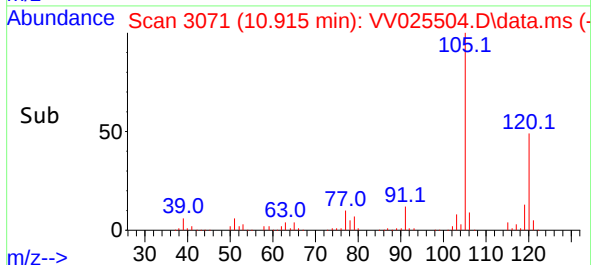
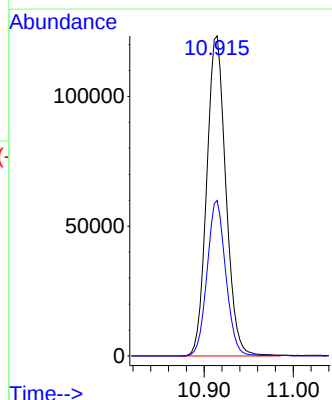
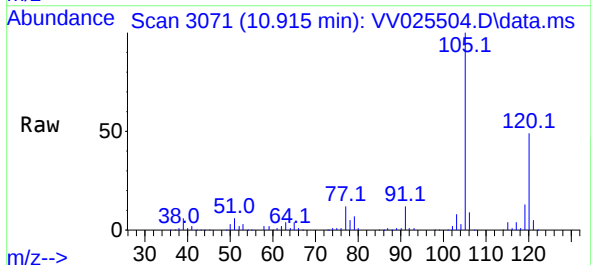
Instrument :
MSVOA_V
ClientSampleId :

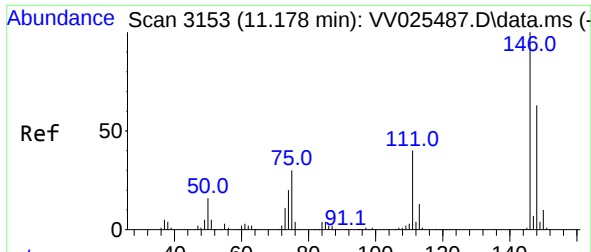
Tgt Ion:105 Resp: 100248
Ion Ratio Lower Upper
105 100
120 49.6 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 5.523 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Tgt Ion:105 Resp: 183587
Ion Ratio Lower Upper
105 100
120 47.3 36.6 55.0

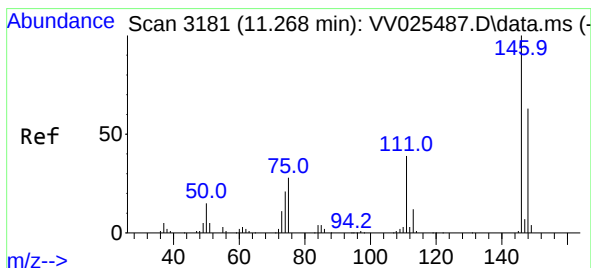
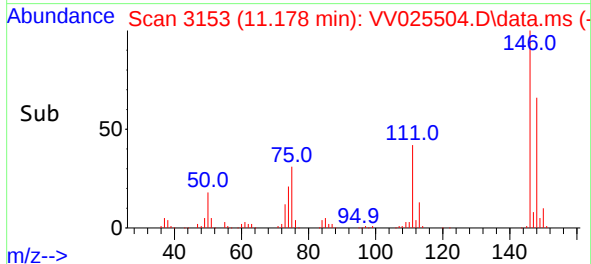
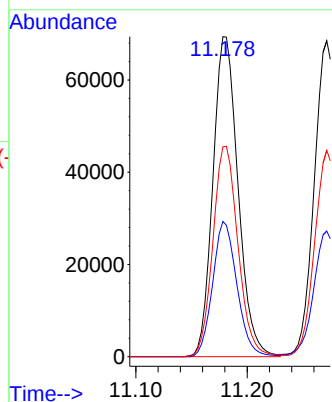
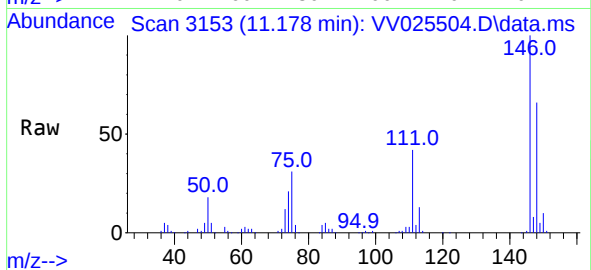




#64
1,3-Dichlorobenzene
Concen: 5.638 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

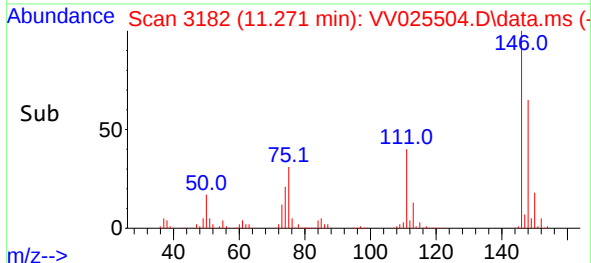
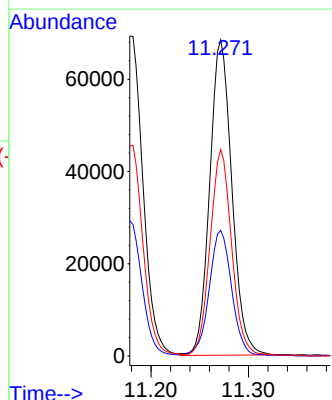
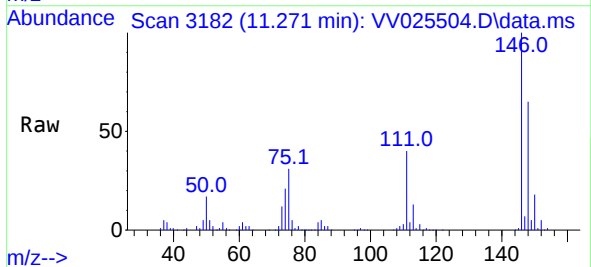
Instrument :
MSVOA_V
ClientSampleId :

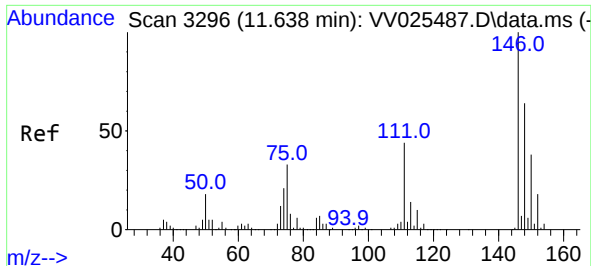
Tgt Ion:146 Resp: 108879
Ion Ratio Lower Upper
146 100
111 42.2 27.4 50.8
148 65.6 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.504 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Tgt Ion:146 Resp: 107903
Ion Ratio Lower Upper
146 100
111 39.8 26.7 49.7
148 65.3 42.8 79.6

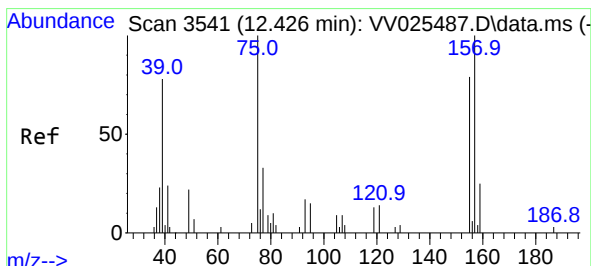
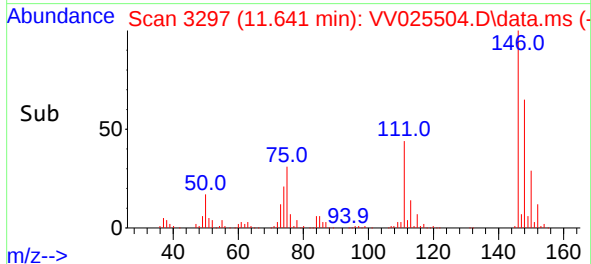
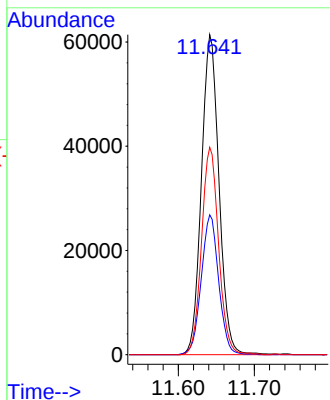
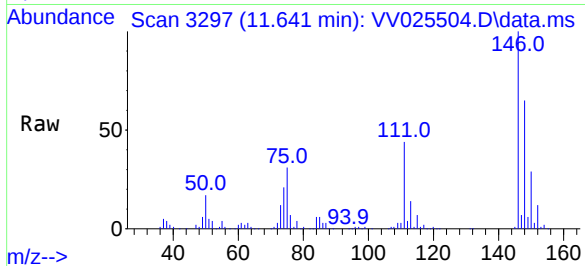




#67
1,2-Dichlorobenzene
Concen: 5.755 ug/L
RT: 11.641 min Scan# 3296
Delta R.T. 0.003 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

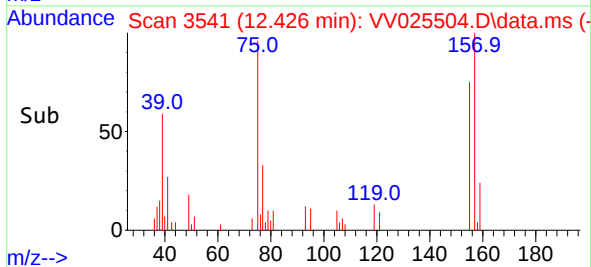
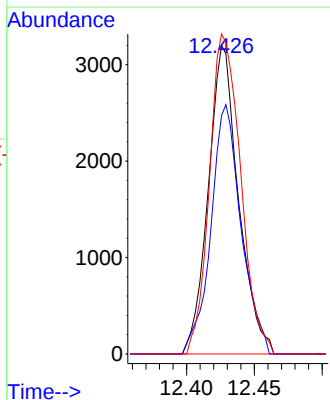
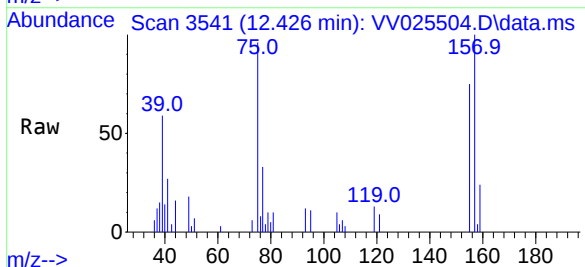
Instrument :
MSVOA_V
ClientSampleId :

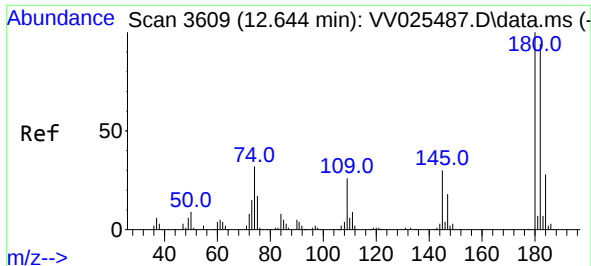
Tgt Ion:146 Resp: 98428
Ion Ratio Lower Upper
146 100
111 43.7 33.6 50.4
148 64.8 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 6.518 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

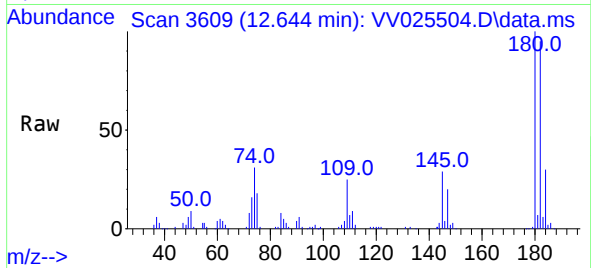
Tgt Ion: 75 Resp: 4961
Ion Ratio Lower Upper
75 100
155 77.3 65.8 98.8
157 103.7 86.6 130.0



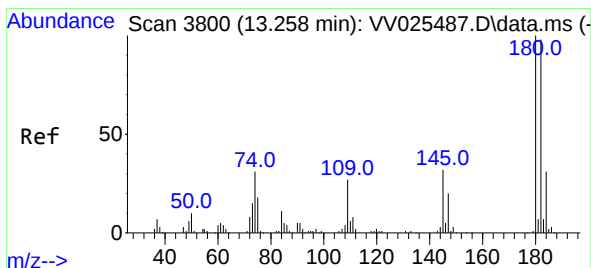
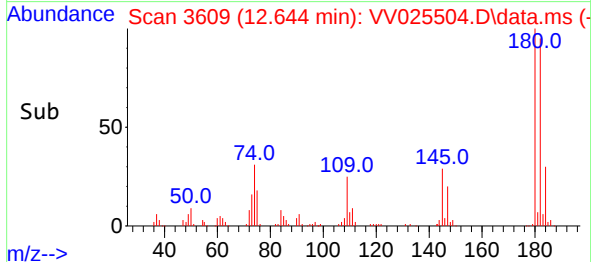
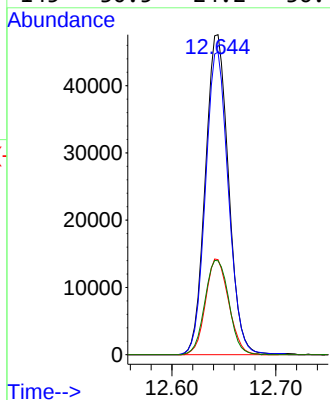


#69
1,3,5-Trichlorobenzene
Concen: 5.013 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Instrument :
MSVOA_V
ClientSampleId :

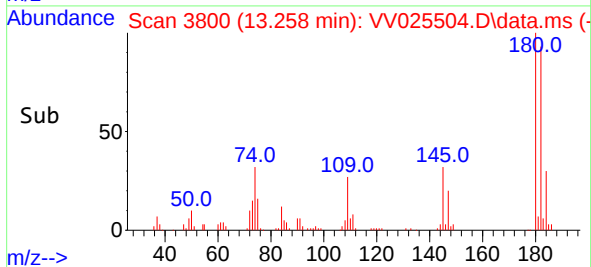
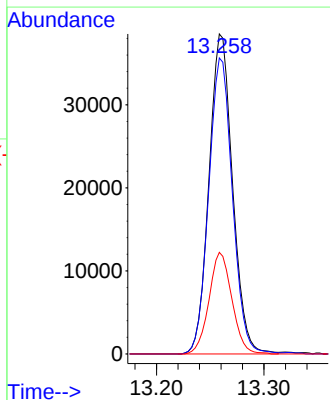
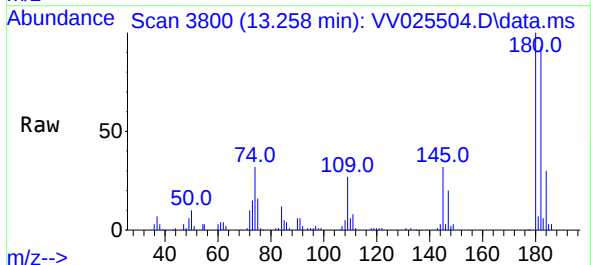


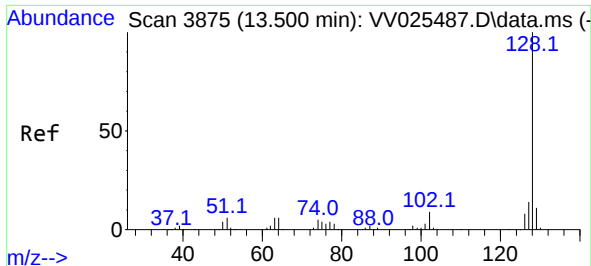
Tgt Ion:180 Resp: 73658
Ion Ratio Lower Upper
180 100
182 93.7 75.3 112.9
184 29.9 23.4 35.2
145 30.5 24.2 36.4



#70
1,2,4-trichlorobenzene
Concen: 5.177 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

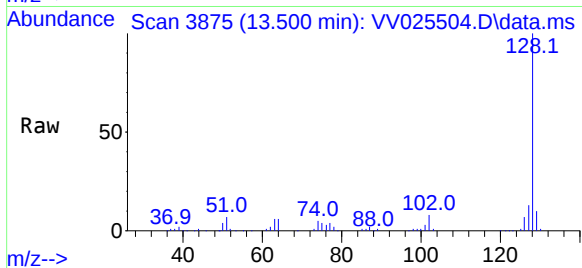
Tgt Ion:180 Resp: 58645
Ion Ratio Lower Upper
180 100
182 93.1 76.6 114.8
145 30.9 24.6 36.8



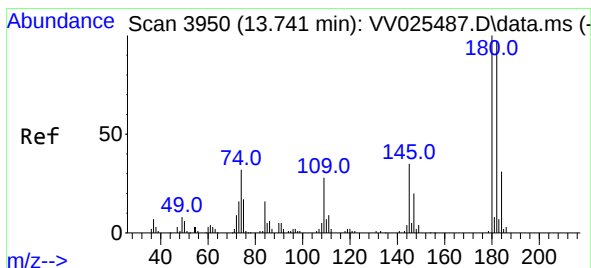
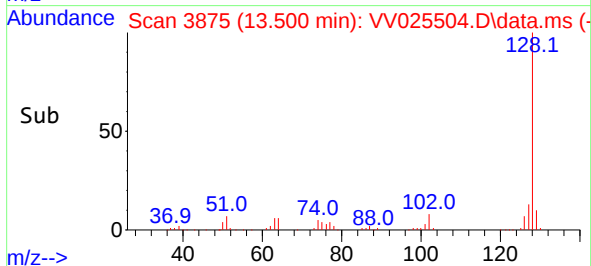
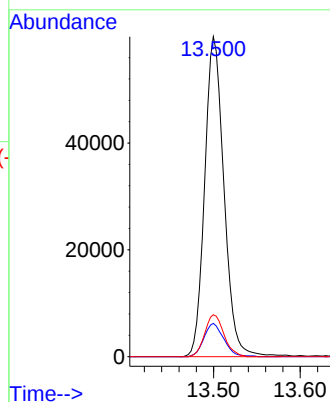


#71
Naphthalene
Concen: 5.578 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 92694
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.563 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025504.D
Acq: 13 Apr 2022 19:54

Tgt Ion:180 Resp: 52181
Ion Ratio Lower Upper
180 100
182 93.4 77.7 116.5
145 32.2 27.4 41.2

