

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041222\
 Data File : VW025486.D
 Acq On : 12 Apr 2022 20:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB301

Quant Time: Apr 13 02:37:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 13 02:31:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	157164	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	154787	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	82899	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	48889	3.346	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.571	69	47919	3.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.600%#
11) 1,1-Dichloroethene-d2	2.114	63	120422	4.114	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	3.905	46	88822	49.974	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.940%
24) Chloroform-d	4.352	84	92060	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.037	65	41277	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.053	84	175300	3.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.069	67	51075	4.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.317	98	162546	3.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	7.625	79	15584	3.712	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.088	63	66346	45.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.060%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35641	4.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	55265	3.976	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	74763	5.266	ug/L	97
3) Chloromethane	1.243	50	88216	5.718	ug/L	98
5) Vinyl chloride	1.314	62	95586	5.483	ug/L	99
6) Bromomethane	1.526	94	54159	4.308	ug/L	99
8) Chloroethane	1.587	64	60783	4.517	ug/L	98
9) Trichlorofluoromethane	1.757	101	136039	5.556	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	73869	5.370	ug/L	100
12) 1,1-Dichloroethene	2.124	96	72446	5.314	ug/L #	76
13) Acetone	2.198	43	62197	51.557	ug/L	99
14) Carbon disulfide	2.298	76	171370	5.252	ug/L	100
15) Methyl Acetate	2.449	43	16264	6.066	ug/L	96
16) Methylene chloride	2.510	84	61354	4.642	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	110306	5.230	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	61389	5.374	ug/L	93
19) 1,1-Dichloroethane	3.195	63	106860	5.523	ug/L	97
21) 2-Butanone	3.995	43	93307	55.974	ug/L	89
22) cis-1,2-Dichloroethene	3.915	96	63899	5.314	ug/L	96
23) Bromochloromethane	4.256	128	26264	5.260	ug/L	98
25) Chloroform	4.378	83	111019	5.436	ug/L	95

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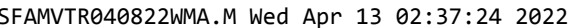
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 ClientSampleId :
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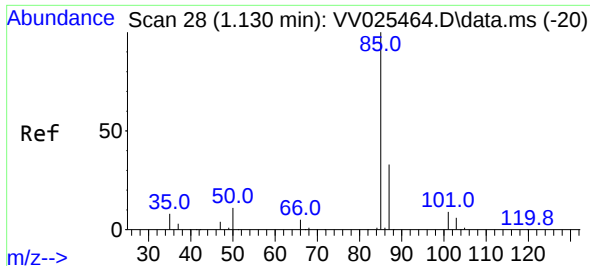
Quant Time: Apr 13 02:37:14 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	58010	5.384	ug/L	97
29) 1,1,1-Trichloroethane	4.613	97	99421	5.446	ug/L	99
30) Cyclohexane	4.680	56	90046	5.425	ug/L	99
31) Carbon tetrachloride	4.831	117	81369	5.270	ug/L	98
33) Benzene	5.101	78	245329	5.366	ug/L	100
34) Trichloroethene	5.915	95	63784	5.254	ug/L	99
35) Methylcyclohexane	6.130	83	100839	5.205	ug/L	97
37) 1,2-Dichloropropane	6.175	63	56393	5.331	ug/L	99
38) Bromodichloromethane	6.513	83	70348	5.357	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	70985	5.121	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	244829	57.805	ug/L	97
42) Toluene	7.387	91	267406	5.376	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	55209	5.126	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	38401	5.421	ug/L	97
47) Tetrachloroethene	7.976	164	49106	5.167	ug/L	98
48) 2-Hexanone	8.140	43	174016	58.956	ug/L	96
49) Dibromochloromethane	8.246	129	40522	5.211	ug/L	99
50) 1,2-Dibromoethane	8.352	107	34332	5.160	ug/L	100
51) Chlorobenzene	8.883	112	166681	5.248	ug/L	99
52) Ethylbenzene	9.011	91	280198	5.282	ug/L	99
53) m,p-Xylene	9.137	106	110261	5.467	ug/L	98
54) o-Xylene	9.542	106	106035	5.413	ug/L	95
55) Styrene	9.561	104	177185	5.562	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	39388	5.565	ug/L	97
59) Bromoform	9.731	173	16876	4.932	ug/L	96
60) Isopropylbenzene	9.931	105	283944	5.534	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	30105	5.514	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	124216	5.429	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	226748	5.500	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	128164	5.351	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	126771	5.214	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	112163	5.288	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5405	5.726	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	94341	5.177	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	71708	5.104	ug/L	99
71) Naphthalene	13.500	128	108410	5.260	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	61361	5.275	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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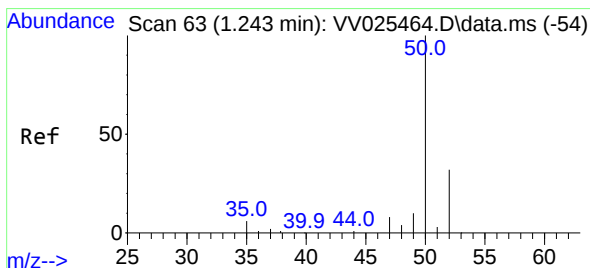
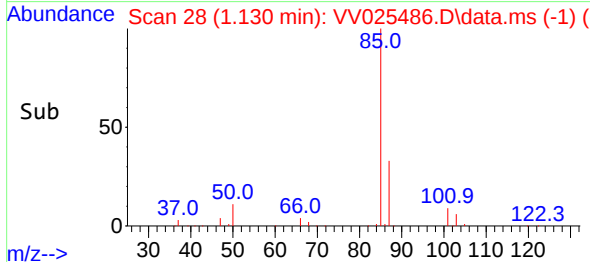
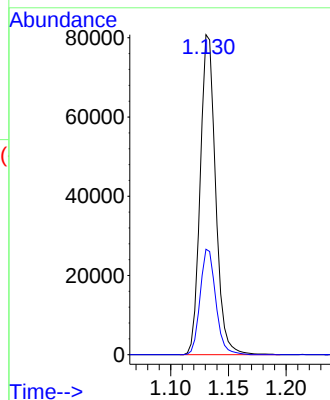
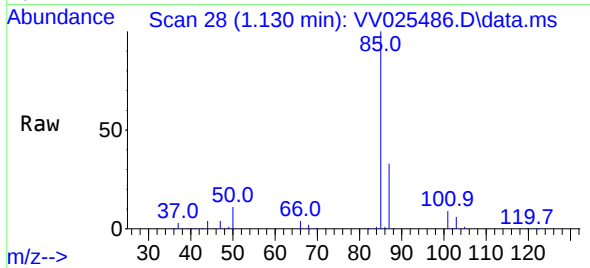




#2
 Dichlorodifluoromethane
 Concen: 5.266 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025486.D
 Acq: 12 Apr 2022 20:13

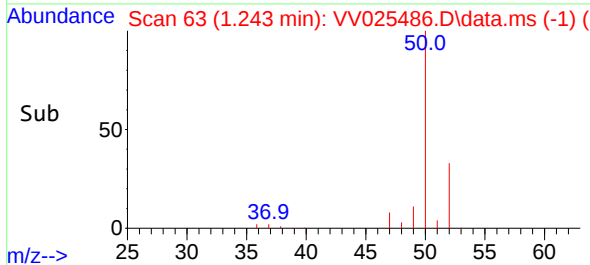
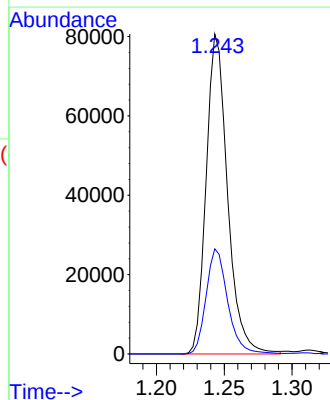
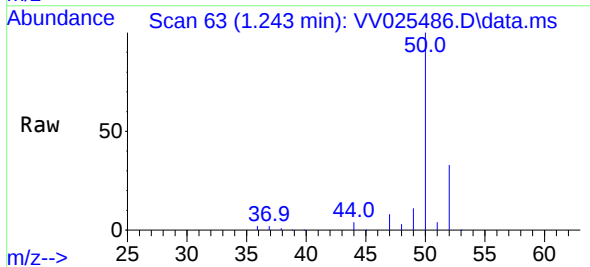
Instrument :
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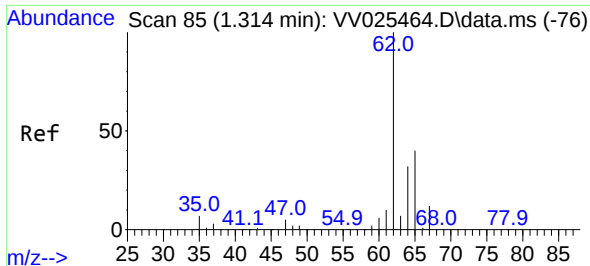
Tgt Ion: 85 Resp: 74763
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.6 38.4



#3
 Chloromethane
 Concen: 5.718 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025486.D
 Acq: 12 Apr 2022 20:13

Tgt Ion: 50 Resp: 88216
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.7 43.9

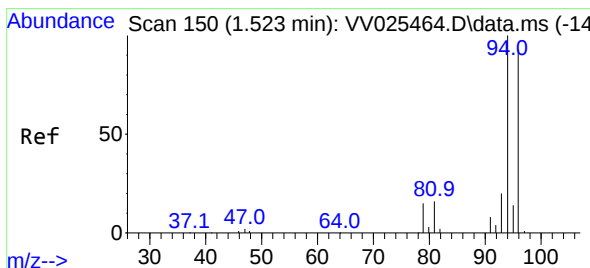
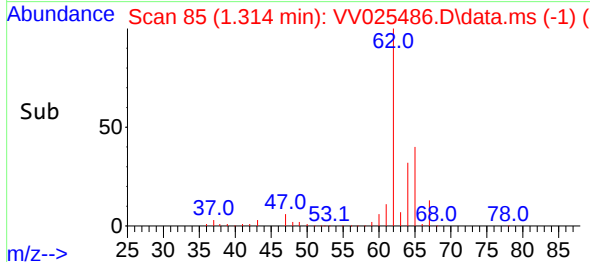
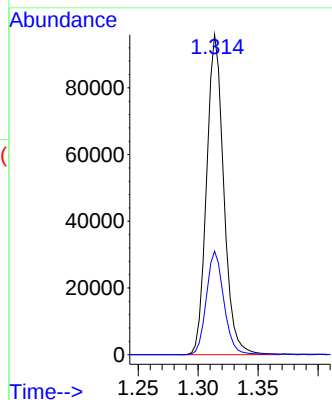
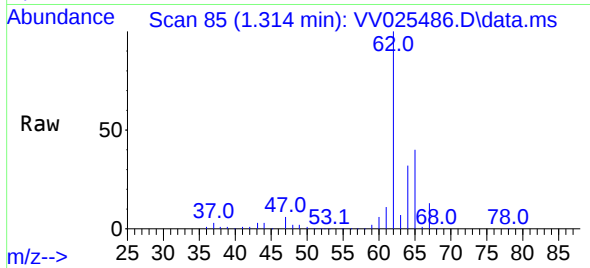




#5
 Vinyl chloride
 Concen: 5.483 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025486.D
 Acq: 12 Apr 2022 20:13

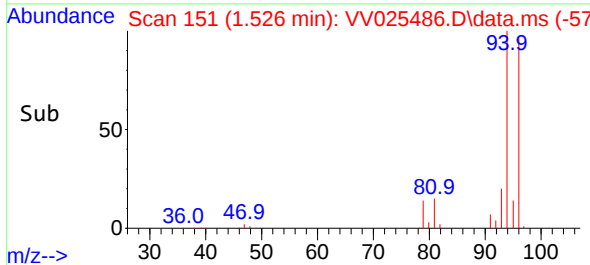
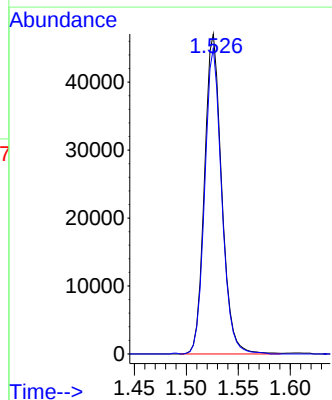
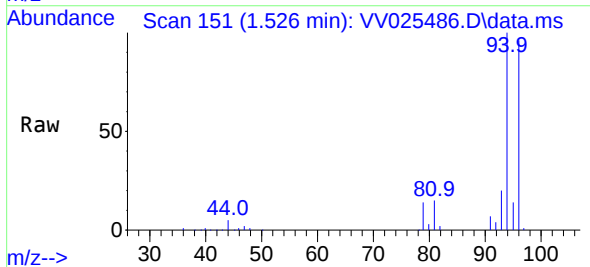
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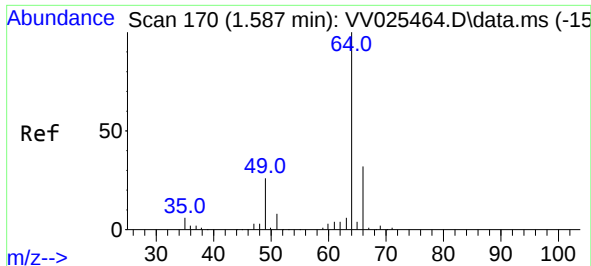
Tgt Ion: 62 Resp: 95586
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.2 43.2



#6
 Bromomethane
 Concen: 4.308 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025486.D
 Acq: 12 Apr 2022 20:13

Tgt Ion: 94 Resp: 54159
 Ion Ratio Lower Upper
 94 100
 96 95.6 66.1 122.7

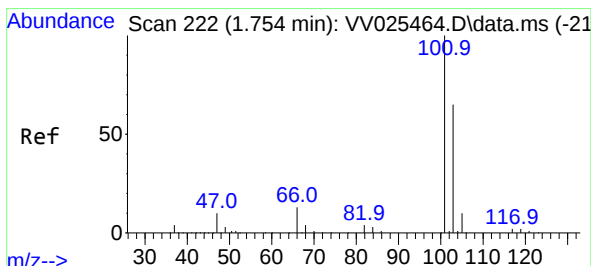
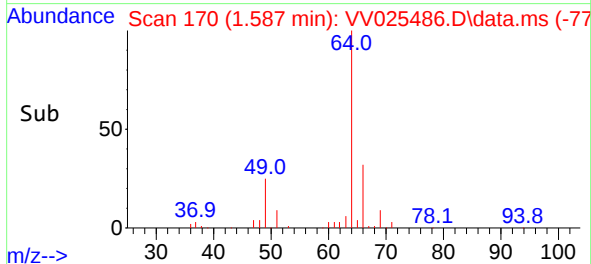
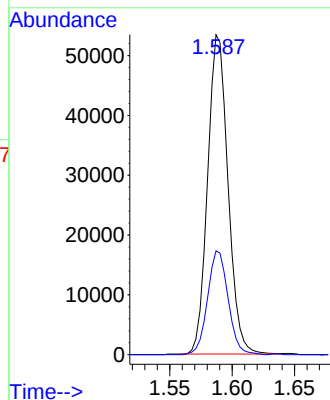
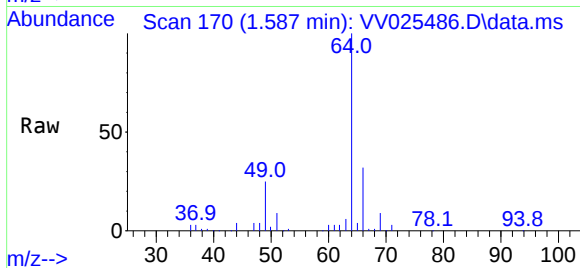




#8
Chloroethane
Concen: 4.517 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

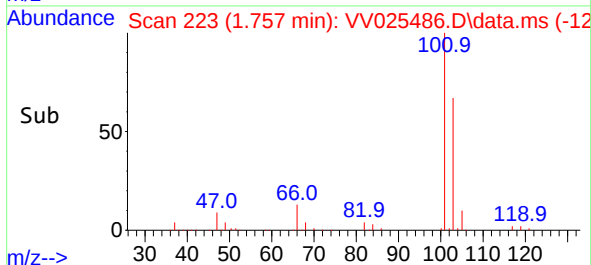
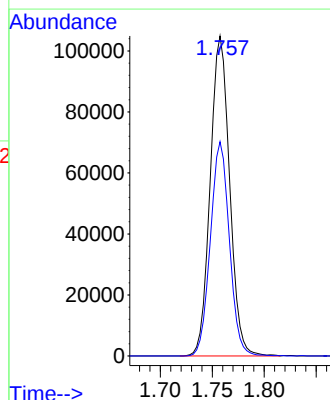
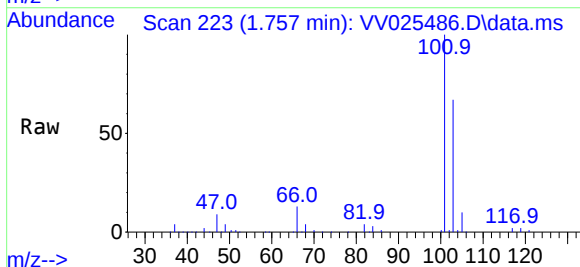
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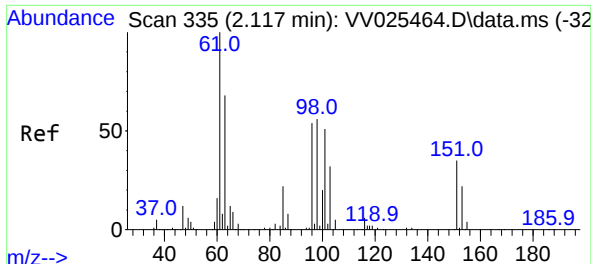
Tgt Ion: 64 Resp: 60783
Ion Ratio Lower Upper
64 100
66 32.5 21.8 40.6



#9
Trichlorofluoromethane
Concen: 5.556 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion:101 Resp: 136039
Ion Ratio Lower Upper
101 100
103 65.6 51.9 77.9

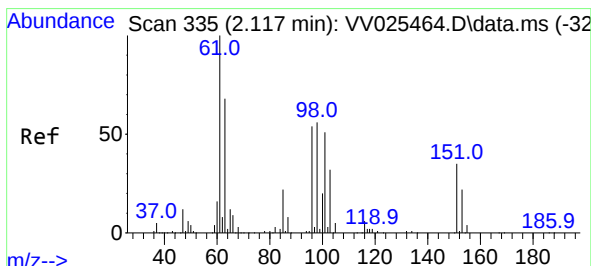
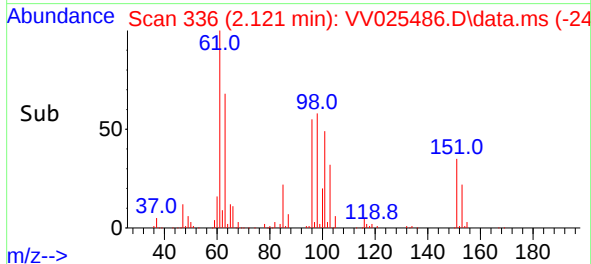
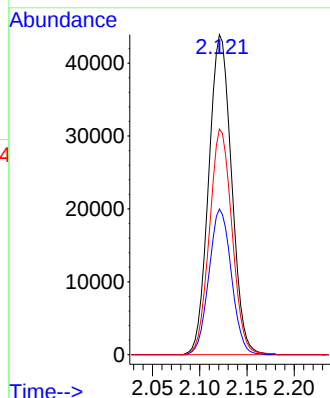
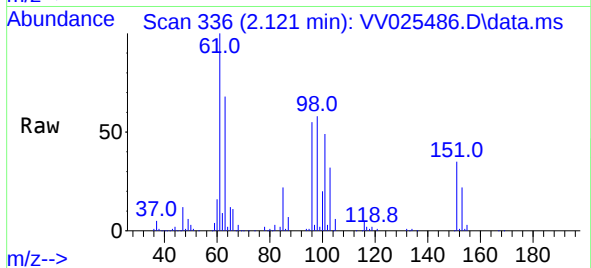




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.370 ug/L
 RT: 2.121 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV025486.D
 Acq: 12 Apr 2022 20:13

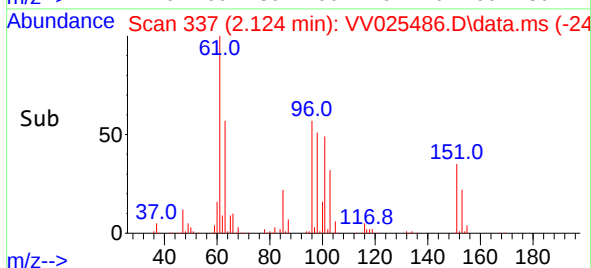
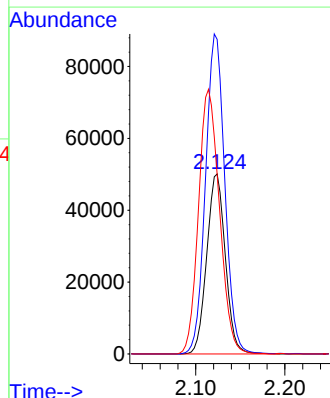
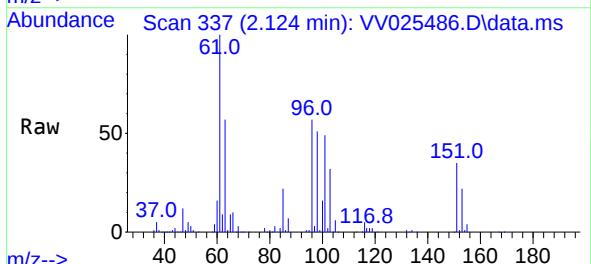
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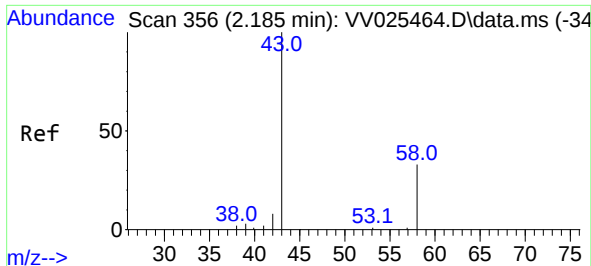
Tgt Ion:101 Resp: 73869
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.9 53.9
 151 69.8 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.314 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.007 min
 Lab File: VV025486.D
 Acq: 12 Apr 2022 20:13

Tgt Ion: 96 Resp: 72446
 Ion Ratio Lower Upper
 96 100
 61 174.8 125.2 232.4
 63 99.7 114.4 212.4#





#13

Acetone

Concen: 51.557 ug/L

RT: 2.198 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV025486.D

Acq: 12 Apr 2022 20:13

Instrument :

MSVOA_V

ClientSampleId :

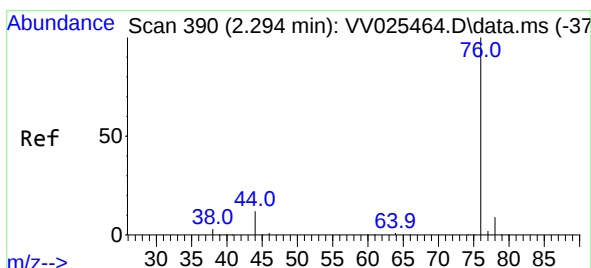
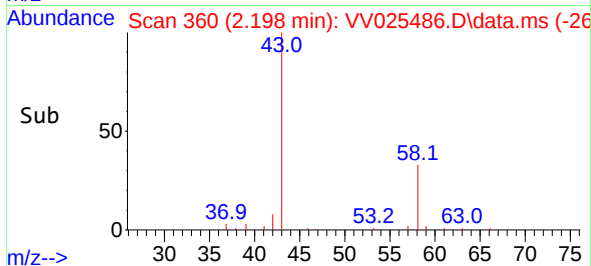
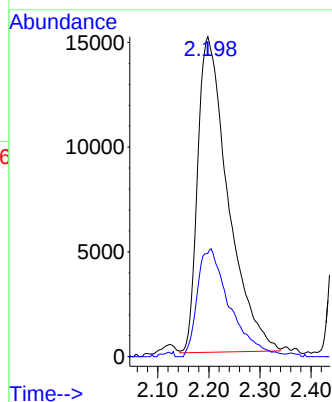
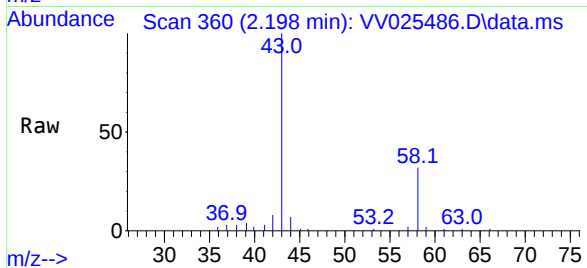
BFB301

Tgt Ion: 43 Resp: 62197

Ion Ratio Lower Upper

43 100

58 36.5 0.0 72.2



#14

Carbon disulfide

Concen: 5.252 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025486.D

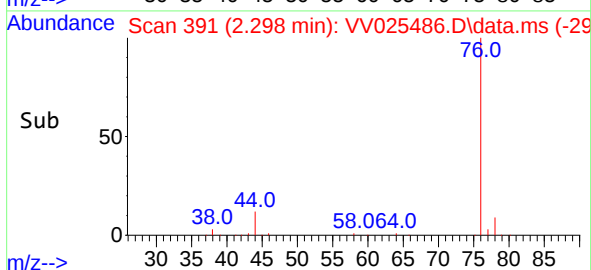
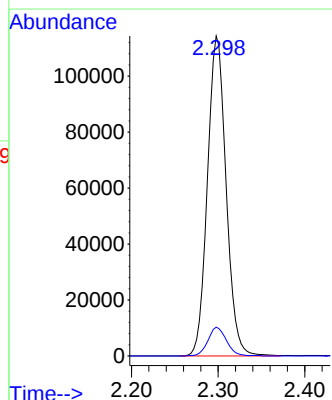
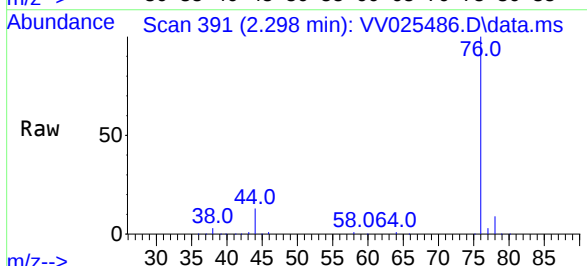
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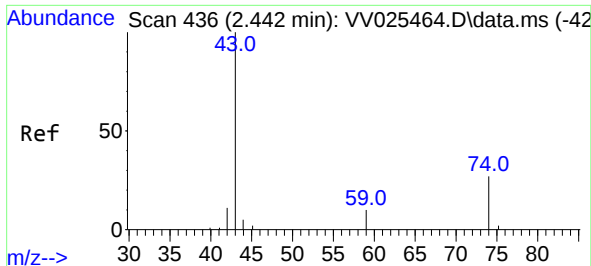
Tgt Ion: 76 Resp: 171370

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

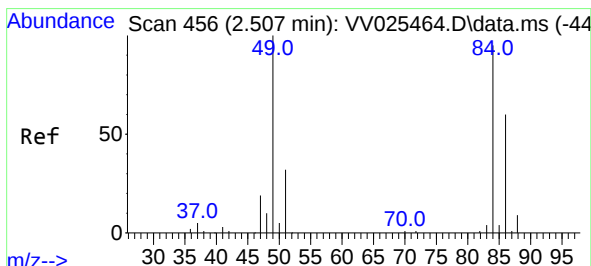
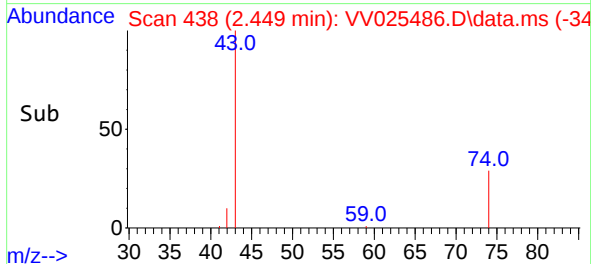
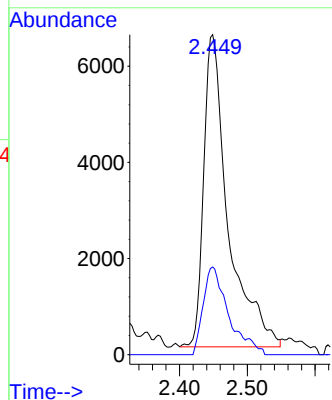
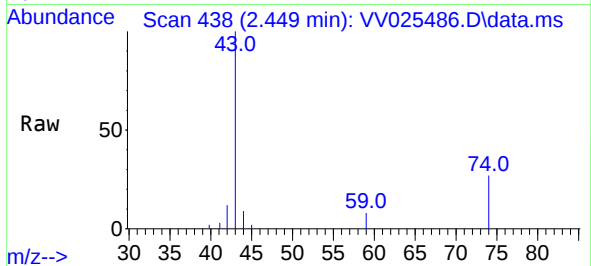




#15
Methyl Acetate
Concen: 6.066 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

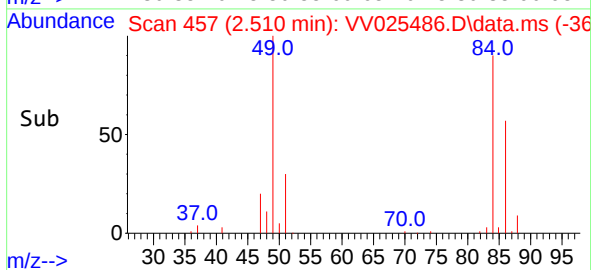
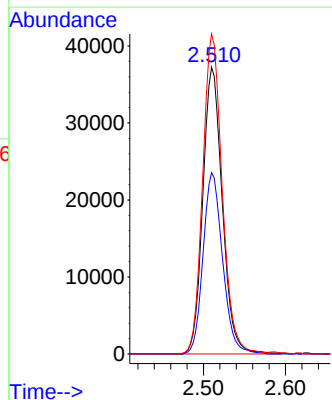
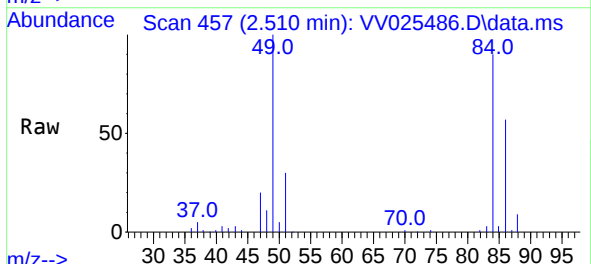
Instrument :
MSVOA_V
ClientSampleId :
BFB301

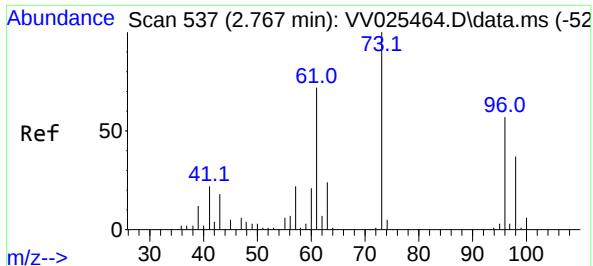
Tgt Ion: 43 Resp: 16264
Ion Ratio Lower Upper
43 100
74 29.2 25.2 37.8



#16
Methylene chloride
Concen: 4.642 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion: 84 Resp: 61354
Ion Ratio Lower Upper
84 100
86 63.3 45.9 85.3
49 111.6 76.6 142.3

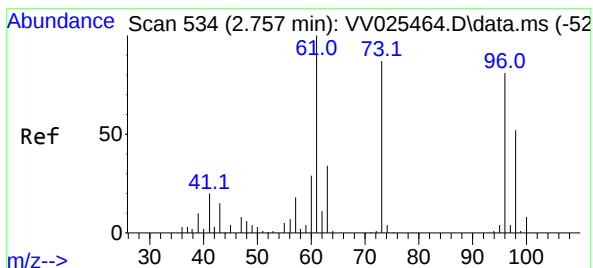
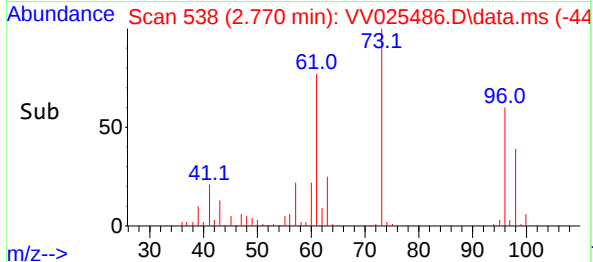
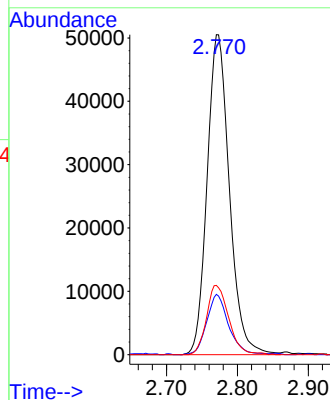
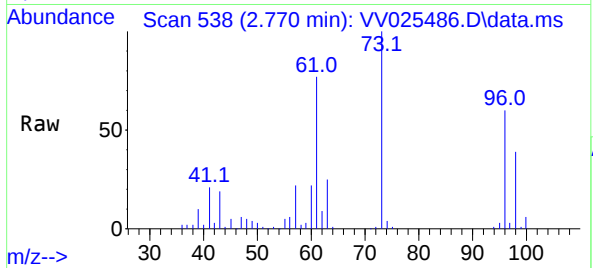




#17
Methyl tert-butyl Ether
Concen: 5.230 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

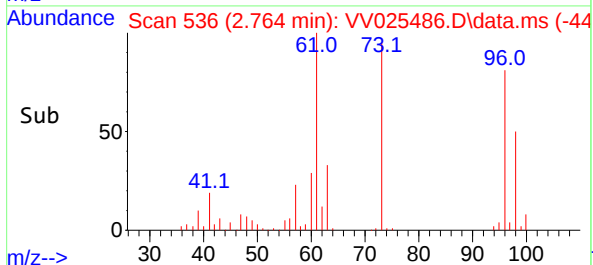
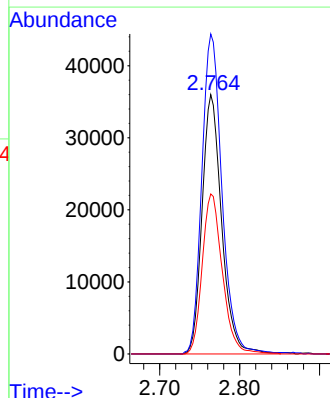
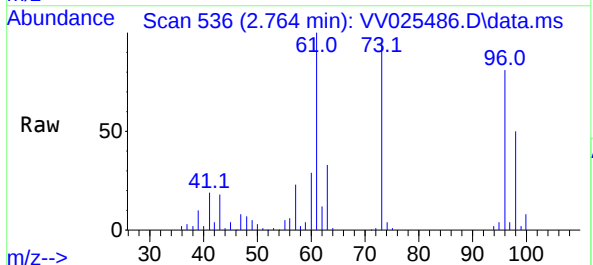
Instrument :
MSVOA_V
ClientSampleId :
BFB301

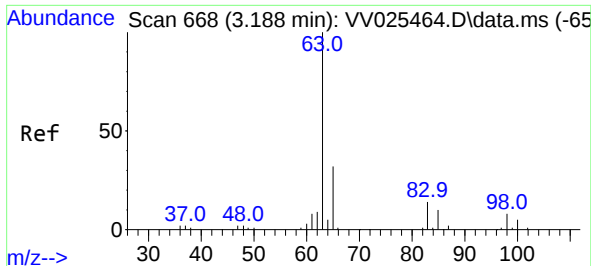
Tgt Ion: 73 Resp: 110306
Ion Ratio Lower Upper
73 100
43 18.6 14.2 21.4
57 21.5 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 5.374 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion: 96 Resp: 61389
Ion Ratio Lower Upper
96 100
61 123.4 92.1 171.1
98 61.7 47.5 88.1

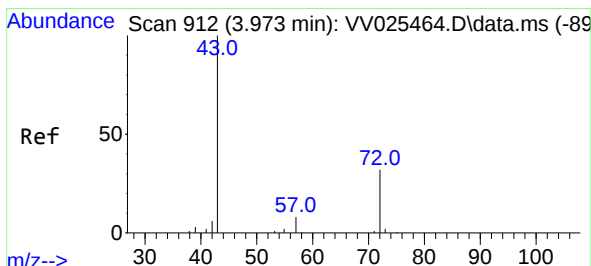
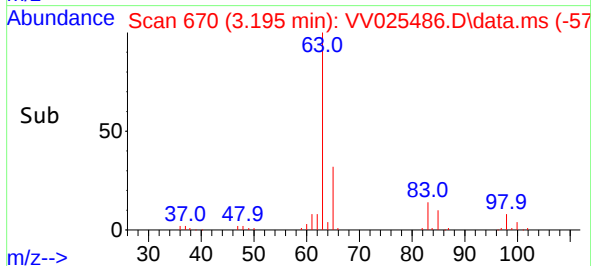
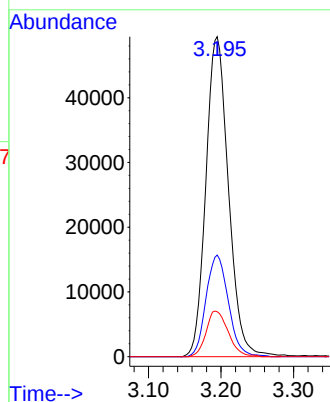
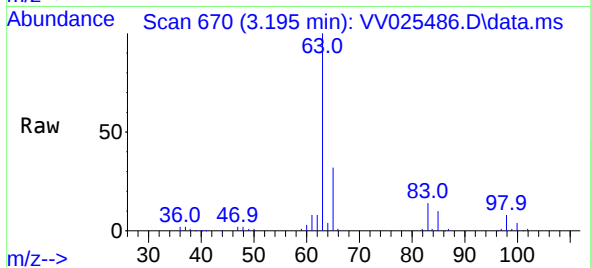




#19
1,1-Dichloroethane
Concen: 5.523 ug/L
RT: 3.195 min Scan# 61
Delta R.T. 0.007 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

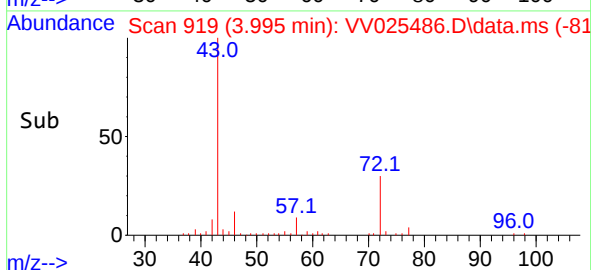
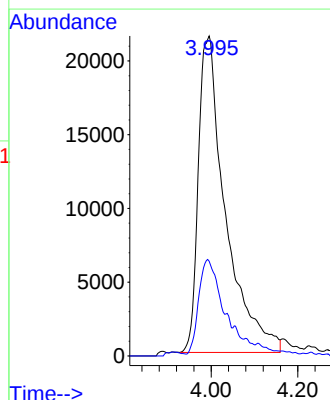
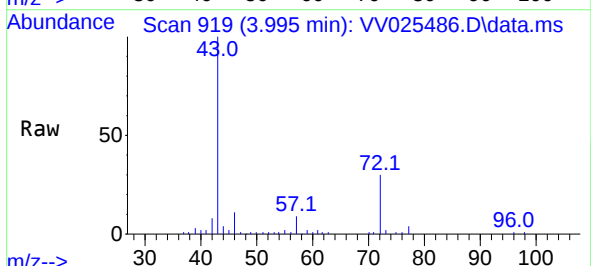
Instrument :
MSVOA_V
ClientSampleId :
BFB301

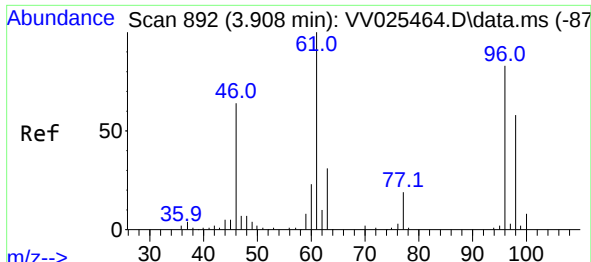
Tgt Ion: 63 Resp: 106860
Ion Ratio Lower Upper
63 100
65 31.8 23.2 43.0
83 14.0 9.0 16.8



#21
2-Butanone
Concen: 55.974 ug/L
RT: 3.995 min Scan# 919
Delta R.T. 0.023 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion: 43 Resp: 93307
Ion Ratio Lower Upper
43 100
72 24.6 15.2 45.6

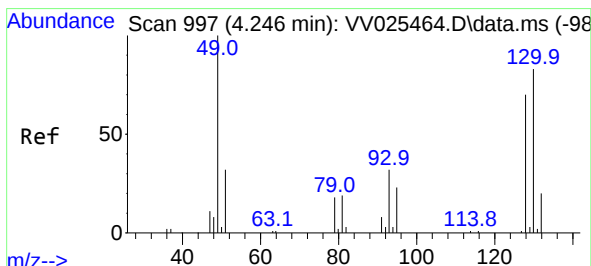
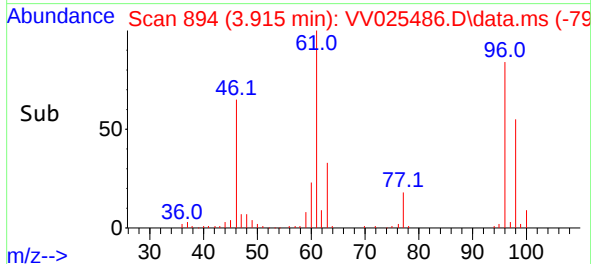
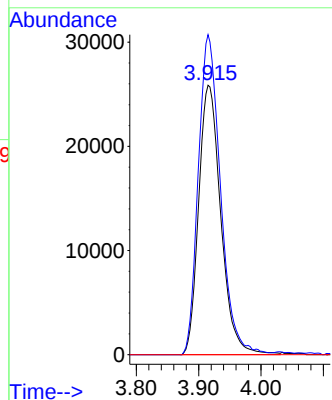
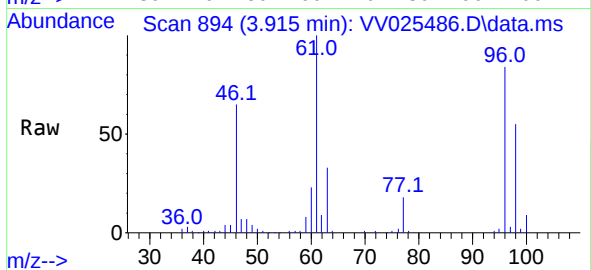




#22
cis-1,2-Dichloroethene
Concen: 5.314 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

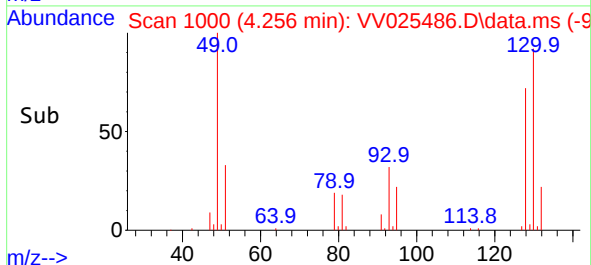
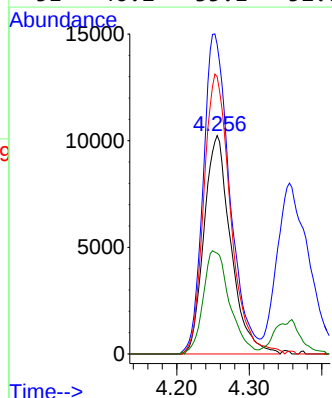
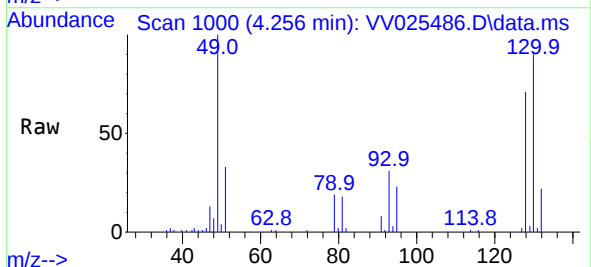
Instrument :
MSVOA_V
ClientSampleId :
BFB301

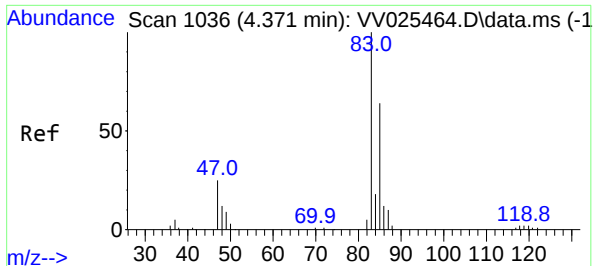
Tgt Ion: 96 Resp: 63899
Ion Ratio Lower Upper
96 100
61 118.8 80.0 148.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.260 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.010 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion:128 Resp: 26264
Ion Ratio Lower Upper
128 100
49 141.7 100.5 186.7
130 127.0 87.8 163.0
51 46.2 35.1 52.7





#25

Chloroform

Concen: 5.436 ug/L

RT: 4.378 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV025486.D

Acq: 12 Apr 2022 20:13

Instrument :

MSVOA_V

ClientSampleId :

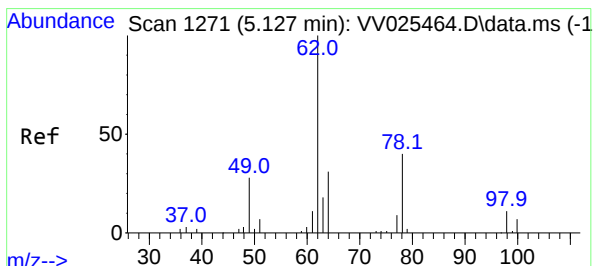
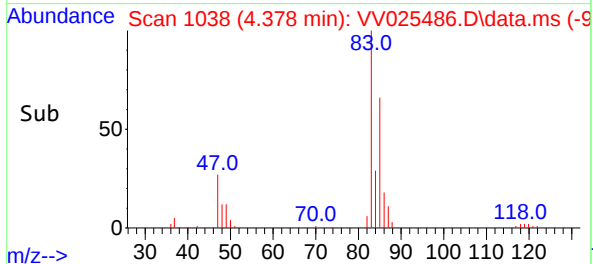
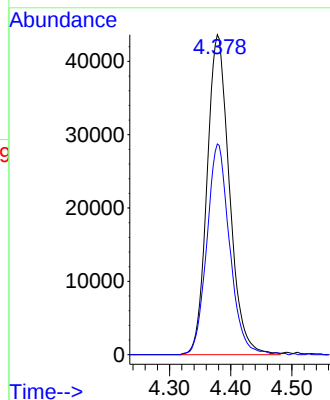
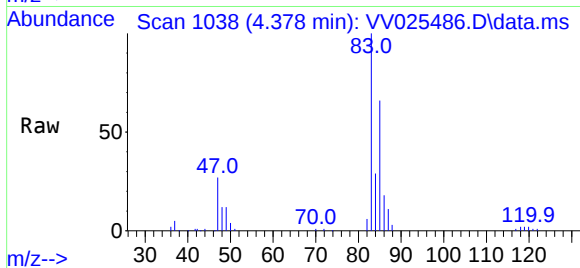
BFB301

Tgt Ion: 83 Resp: 111019

Ion Ratio Lower Upper

83 100

85 65.9 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.384 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.007 min

Lab File: VV025486.D

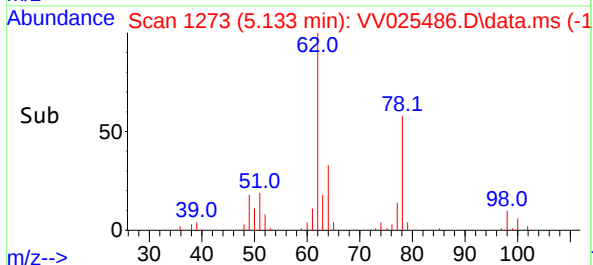
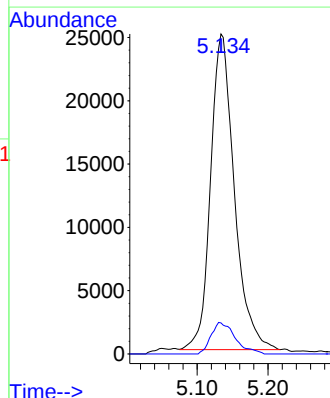
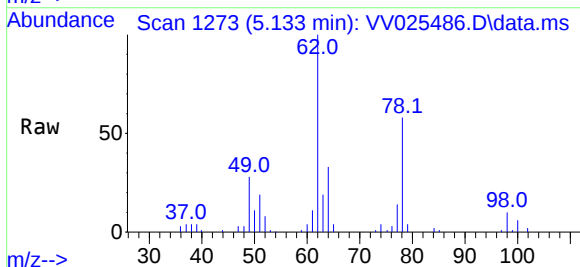
Acq: 12 Apr 2022 20:13

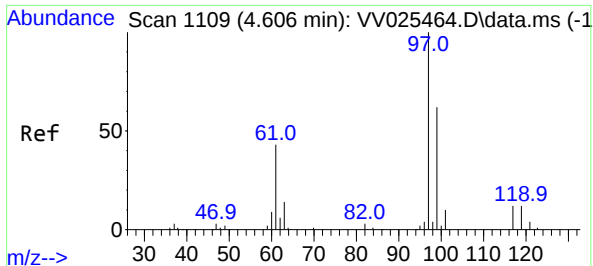
Tgt Ion: 62 Resp: 58010

Ion Ratio Lower Upper

62 100

98 9.7 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 5.446 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.007 min

Lab File: VV025486.D

Acq: 12 Apr 2022 20:13

Instrument :

MSVOA_V

ClientSampleId :

BFB301

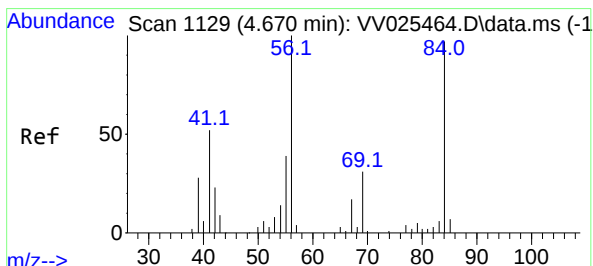
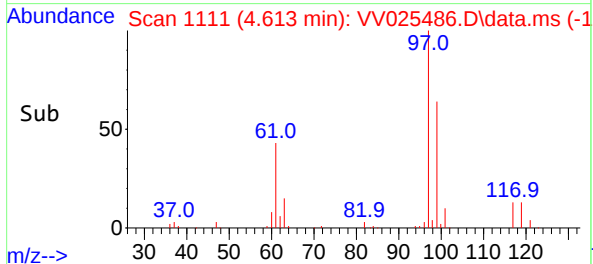
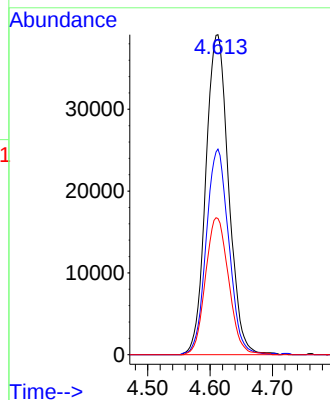
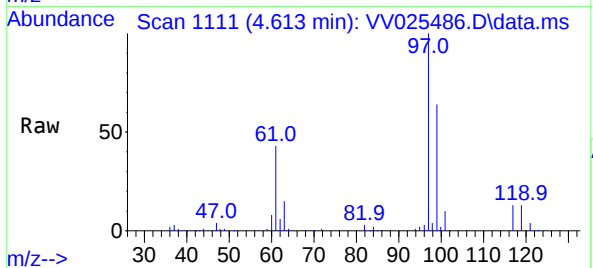
Tgt Ion: 97 Resp: 99421

Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

61 43.6 34.3 51.5



#30

Cyclohexane

Concen: 5.425 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.010 min

Lab File: VV025486.D

Acq: 12 Apr 2022 20:13

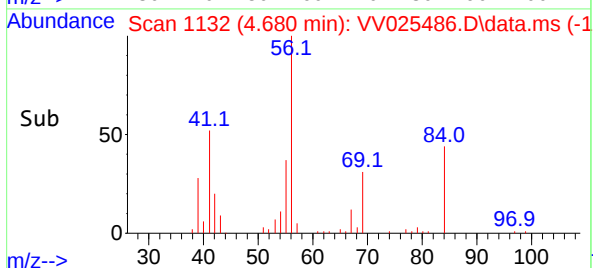
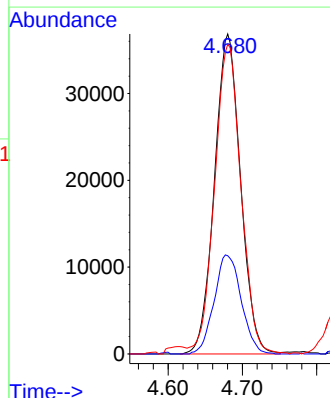
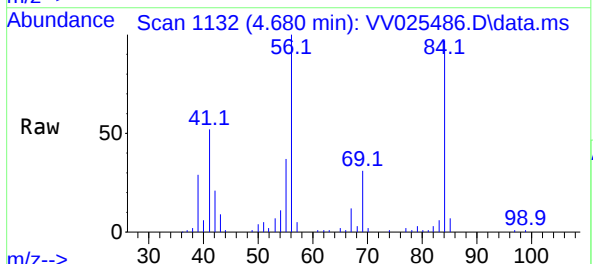
Tgt Ion: 56 Resp: 90046

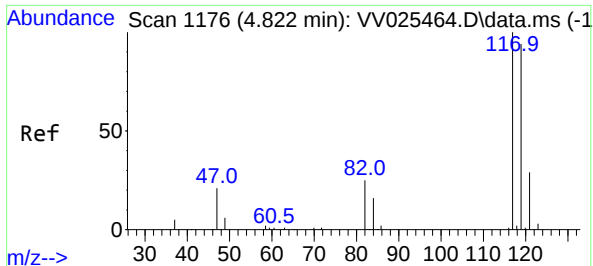
Ion Ratio Lower Upper

56 100

69 32.1 26.1 39.1

84 97.9 78.6 118.0

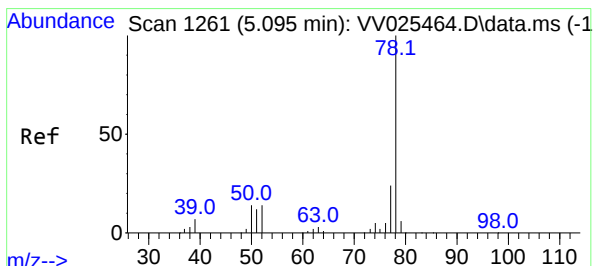
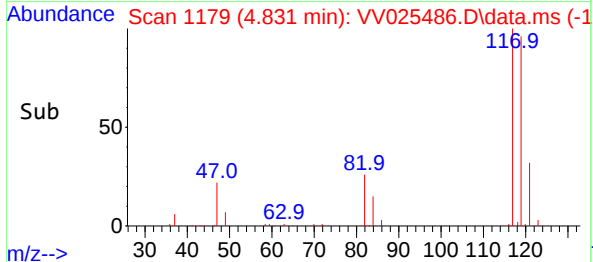
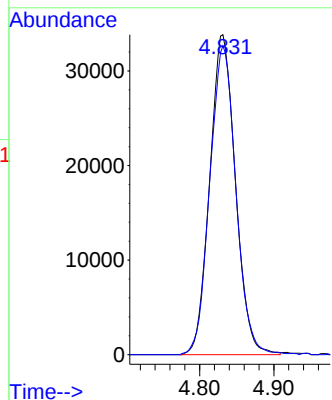
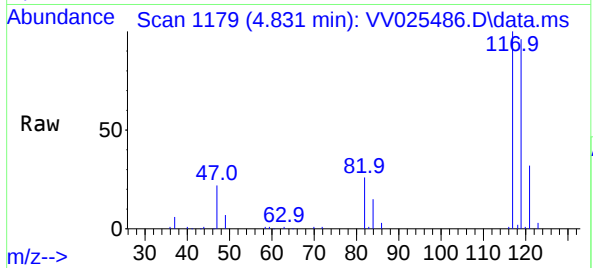




#31
Carbon tetrachloride
Concen: 5.270 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.010 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

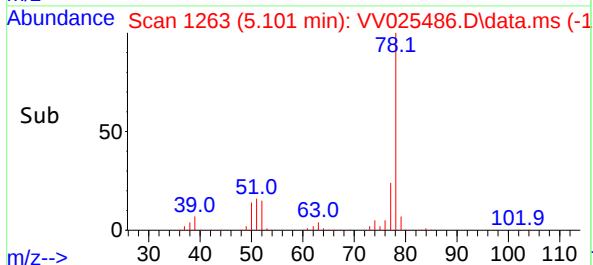
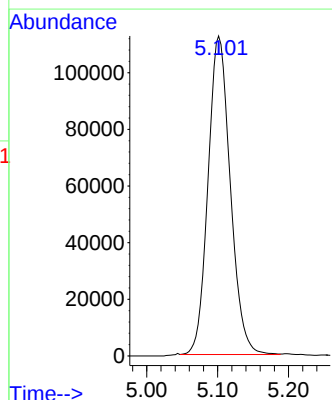
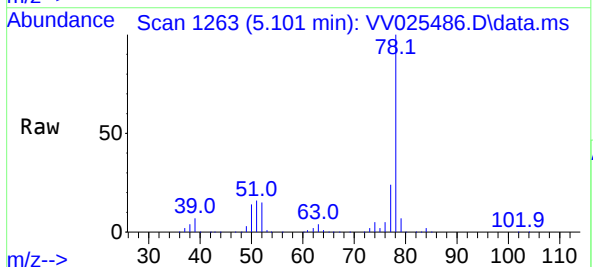
Instrument :
MSVOA_V
ClientSampleId :
BFB301

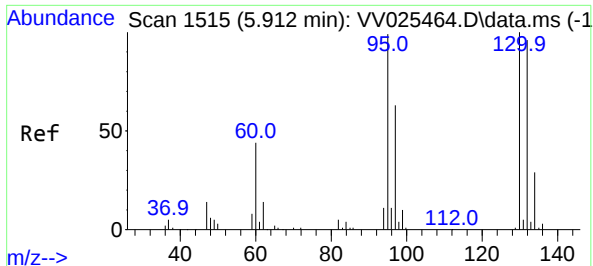
Tgt Ion:117 Resp: 81369
Ion Ratio Lower Upper
117 100
119 97.8 76.6 114.8



#33
Benzene
Concen: 5.366 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion: 78 Resp: 245329

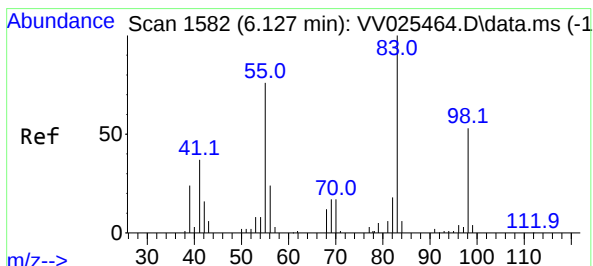
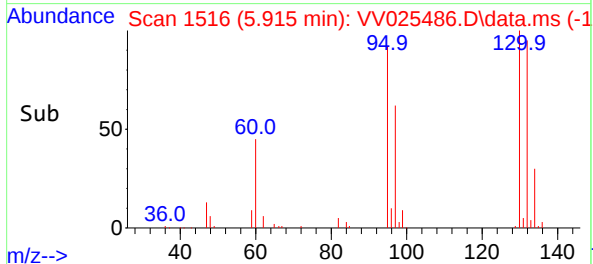
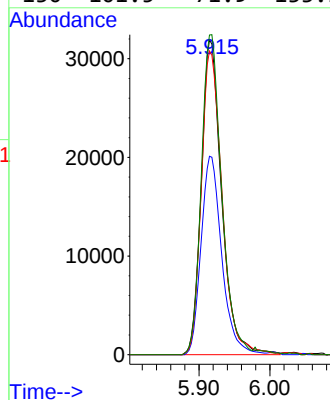
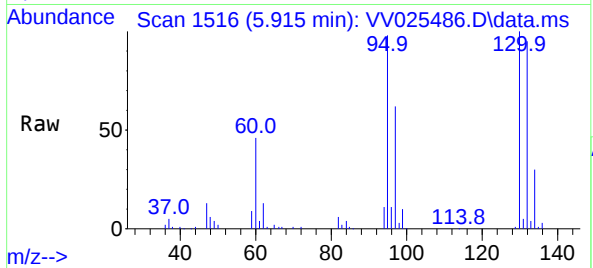




#34
Trichloroethene
Concen: 5.254 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

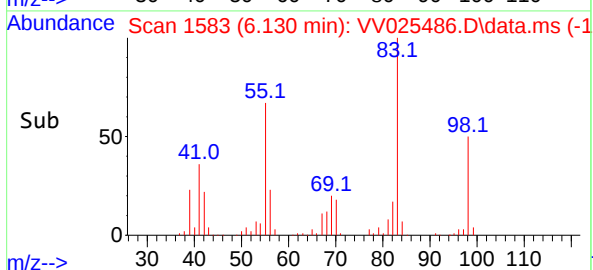
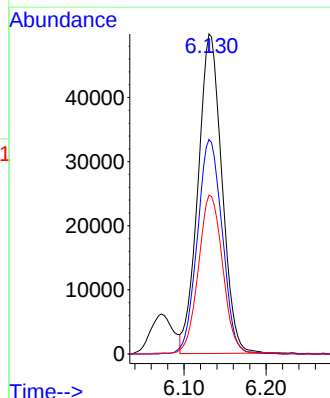
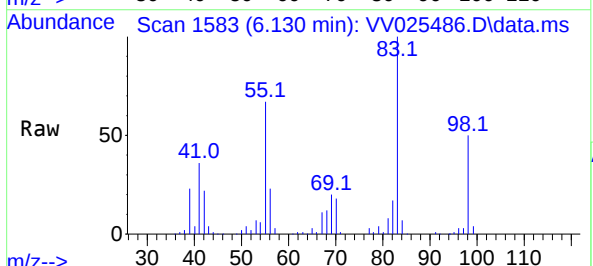
Instrument :
MSVOA_V
ClientSampleId :
BFB301

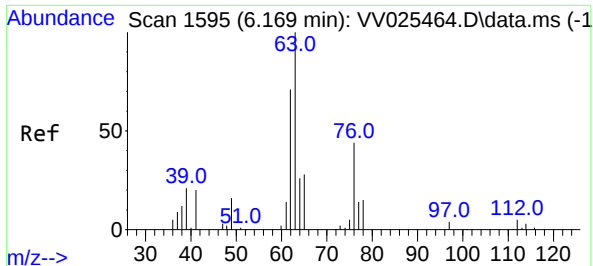
Tgt Ion: 95 Resp: 63784
Ion Ratio Lower Upper
95 100
97 63.0 45.8 85.2
132 96.5 68.0 126.4
130 101.5 71.9 133.5



#35
Methylcyclohexane
Concen: 5.205 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion: 83 Resp: 100839
Ion Ratio Lower Upper
83 100
55 70.1 53.7 80.5
98 50.1 39.6 59.4

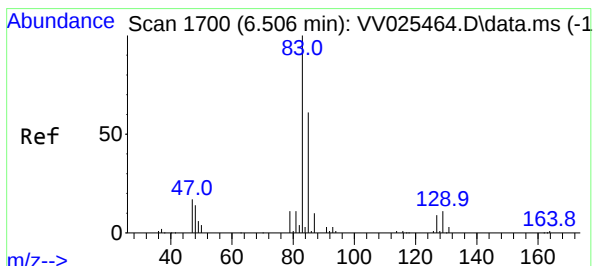
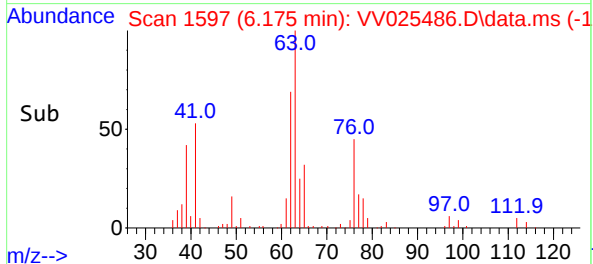
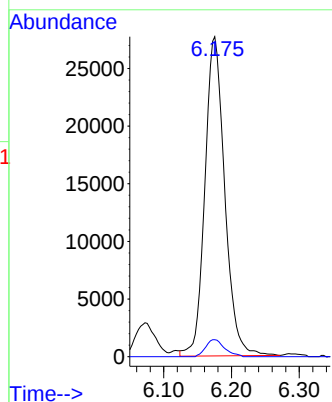
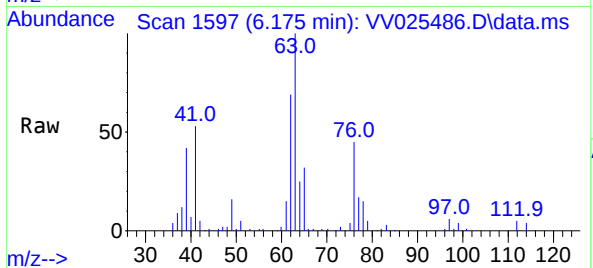




#37
1,2-Dichloropropane
Concen: 5.331 ug/L
RT: 6.175 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

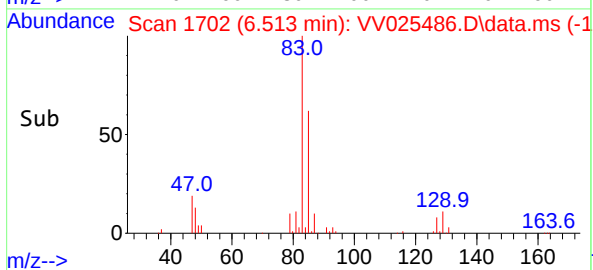
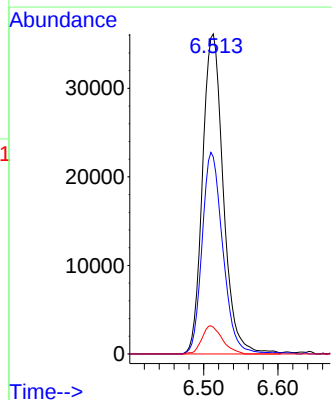
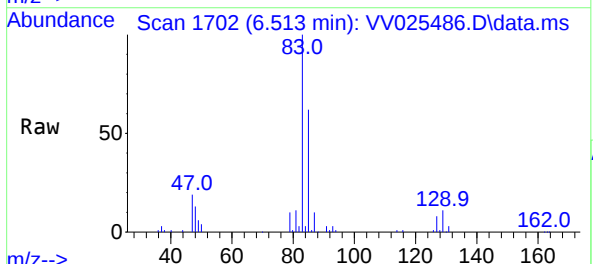
Instrument :
MSVOA_V
ClientSampleId :
BFB301

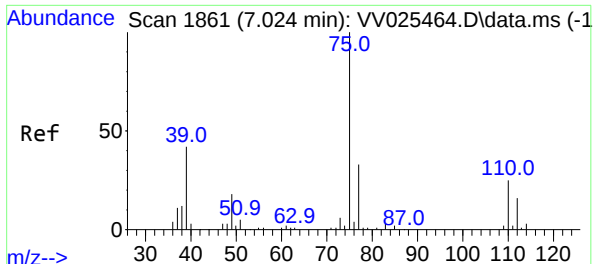
Tgt Ion: 63 Resp: 56393
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.8



#38
Bromodichloromethane
Concen: 5.357 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.007 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion: 83 Resp: 70348
Ion Ratio Lower Upper
83 100
85 61.5 44.4 82.4
127 8.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.121 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025486.D

Acq: 12 Apr 2022 20:13

Instrument :

MSVOA_V

ClientSampleId :

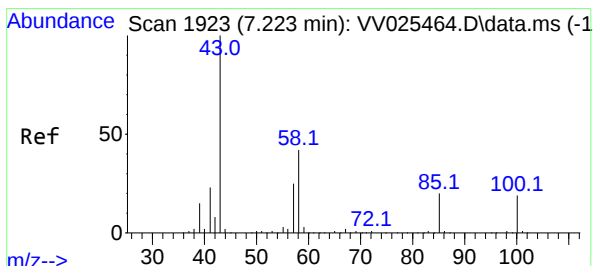
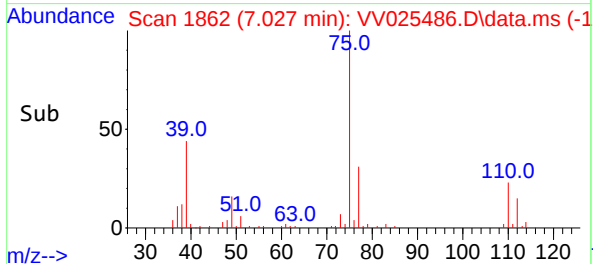
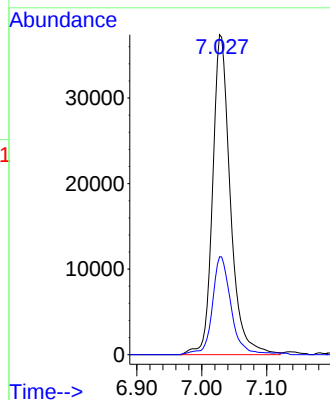
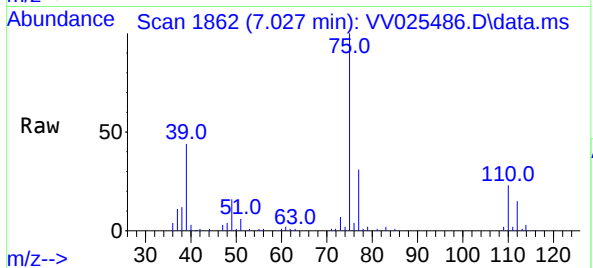
BFB301

Tgt Ion: 75 Resp: 70985

Ion Ratio Lower Upper

75 100

77 30.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 57.805 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025486.D

Acq: 12 Apr 2022 20:13

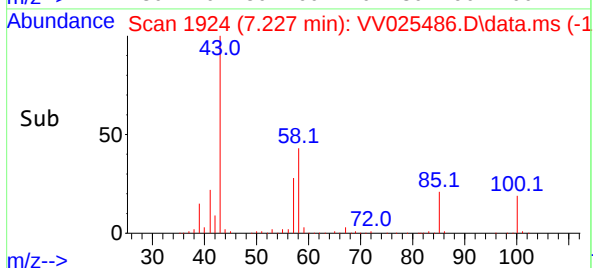
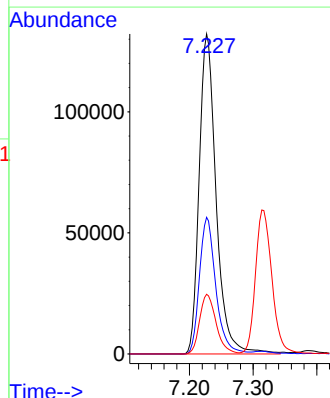
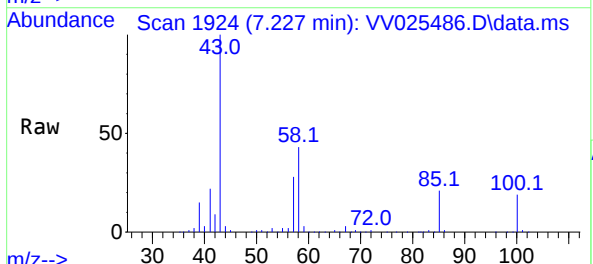
Tgt Ion: 43 Resp: 244829

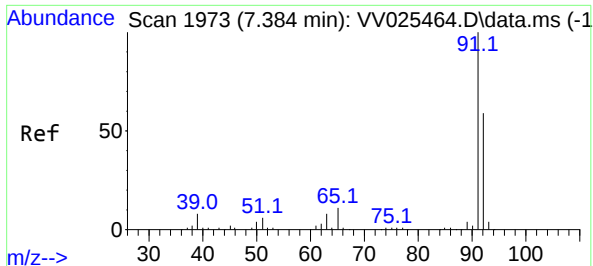
Ion Ratio Lower Upper

43 100

58 41.3 35.1 52.7

100 18.2 15.3 22.9





#42

Toluene

Concen: 5.376 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025486.D

Acq: 12 Apr 2022 20:13

Instrument :

MSVOA_V

ClientSampleId :

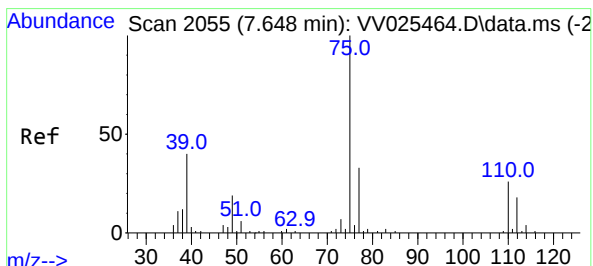
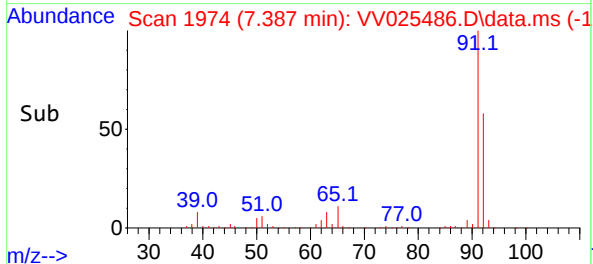
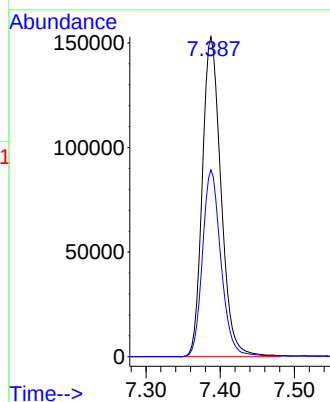
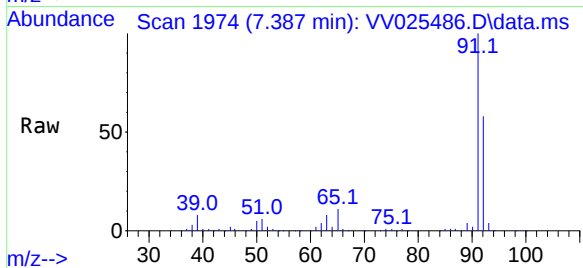
BFB301

Tgt Ion: 91 Resp: 267406

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.126 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025486.D

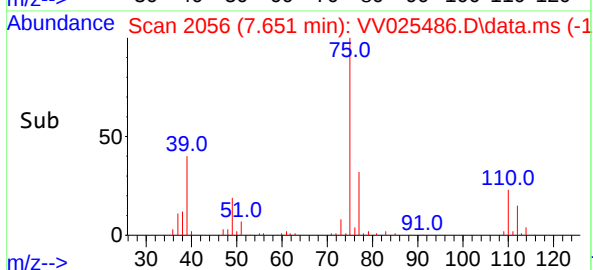
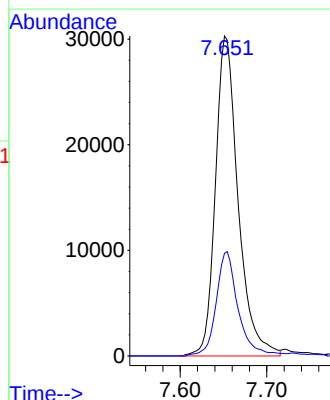
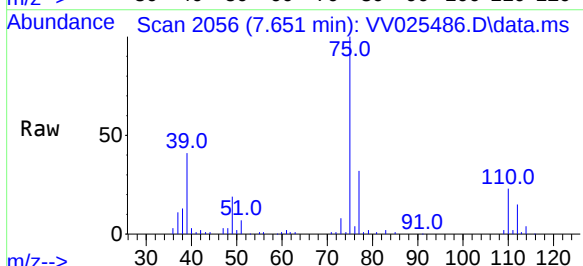
Acq: 12 Apr 2022 20:13

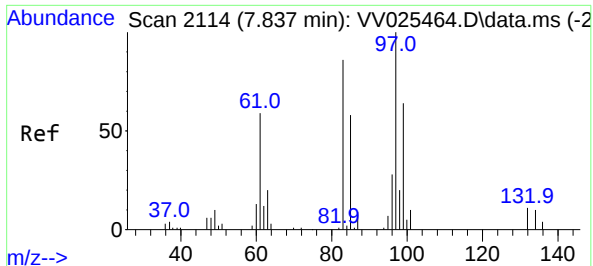
Tgt Ion: 75 Resp: 55209

Ion Ratio Lower Upper

75 100

77 32.1 21.7 40.3



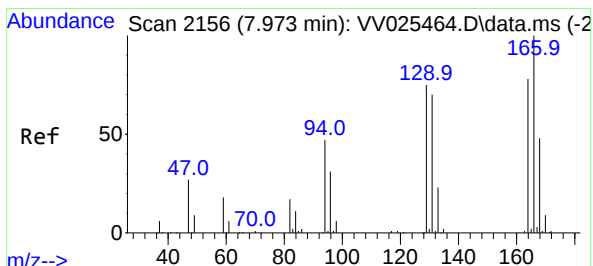
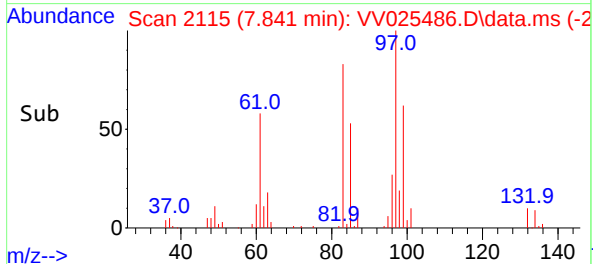
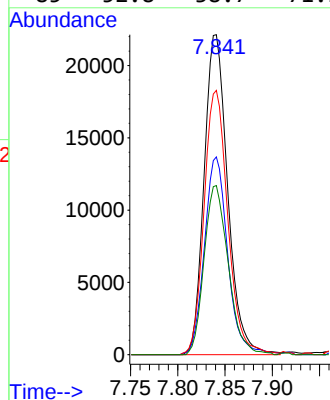
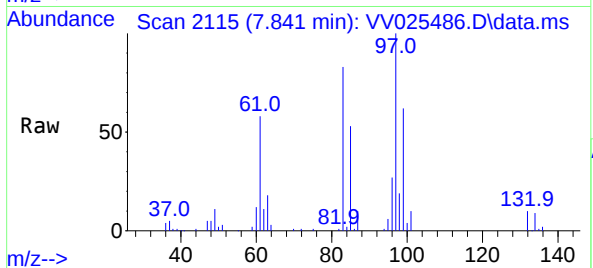


#45
1,1,2-Trichloroethane
Concen: 5.421 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Instrument :
MSVOA_V
ClientSampleId :
BFB301

Tgt Ion: 97 Resp: 38401

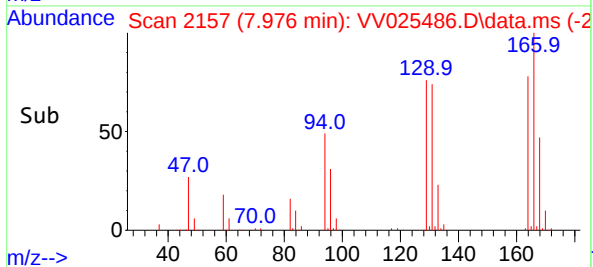
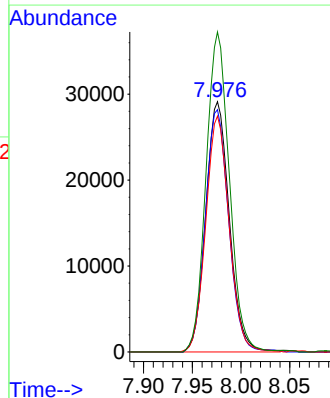
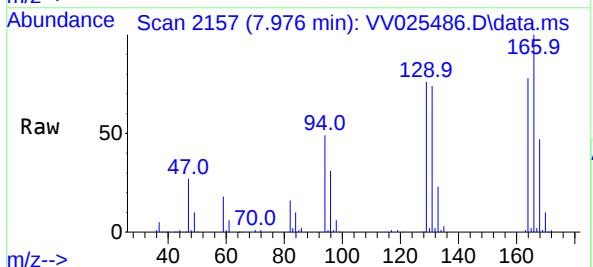
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.8	81.4
83	82.6	60.3	112.1
85	52.8	38.7	71.9

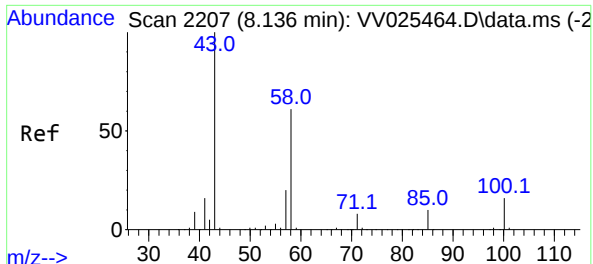


#47
Tetrachloroethene
Concen: 5.167 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion: 164 Resp: 49106

Ion	Ratio	Lower	Upper
164	100		
129	96.8	66.8	124.2
131	94.2	66.4	123.4
166	127.8	91.7	170.3

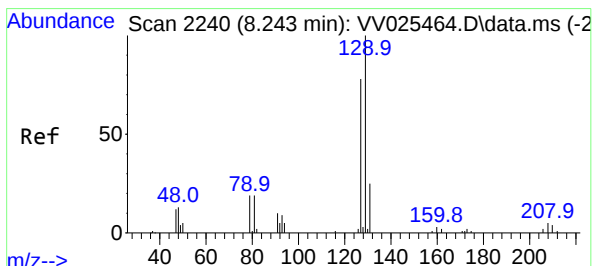
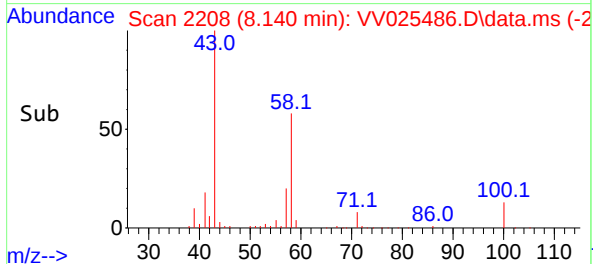
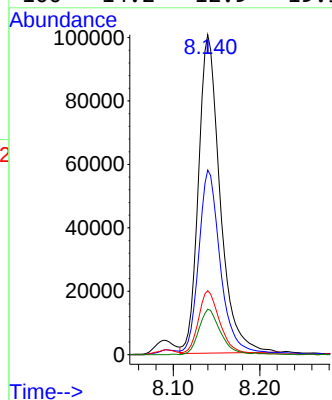
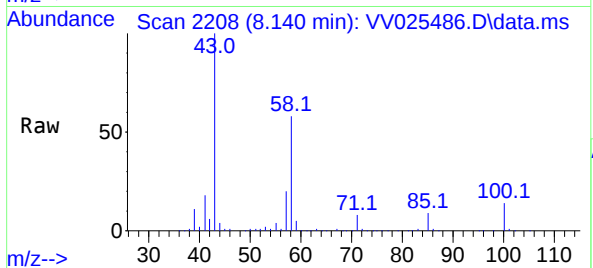




#48
2-Hexanone
Concen: 58.956 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

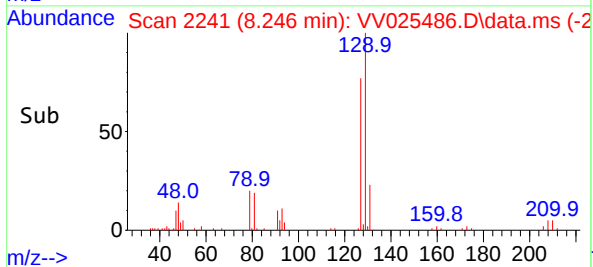
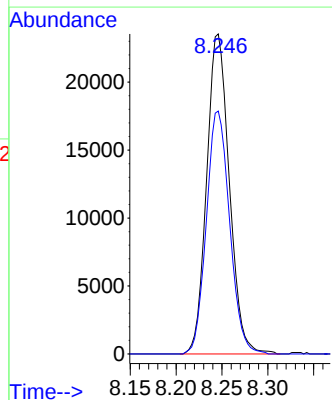
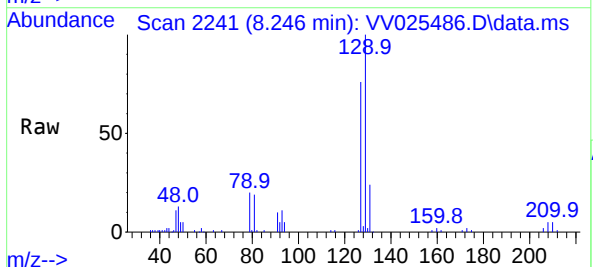
Instrument :
MSVOA_V
ClientSampleId :
BFB301

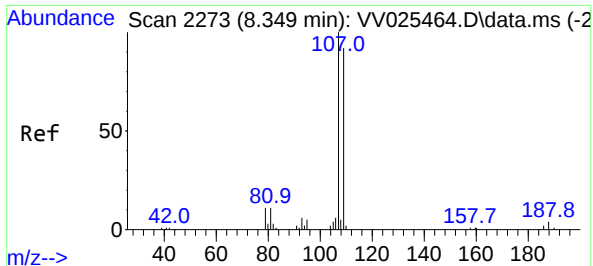
Tgt Ion: 43 Resp: 174016
Ion Ratio Lower Upper
43 100
58 58.1 49.7 74.5
57 19.8 16.4 24.6
100 14.2 12.9 19.3



#49
Dibromochloromethane
Concen: 5.211 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion: 129 Resp: 40522
Ion Ratio Lower Upper
129 100
127 75.9 53.8 100.0

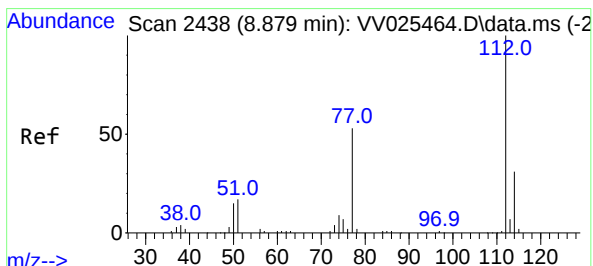
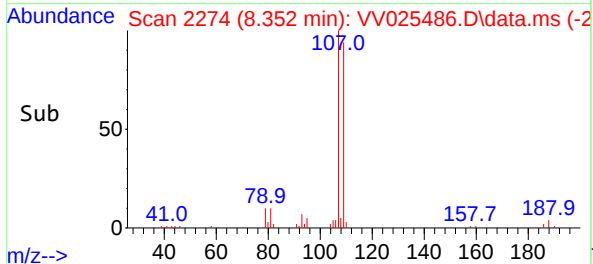
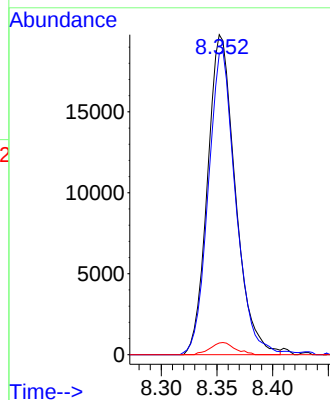
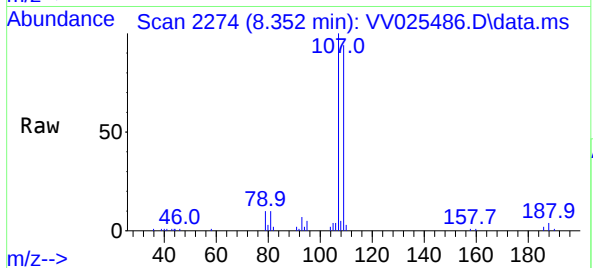




#50
1,2-Dibromoethane
Concen: 5.160 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

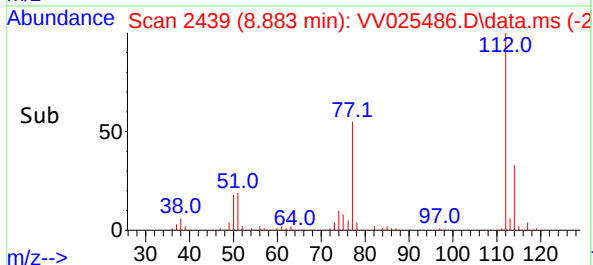
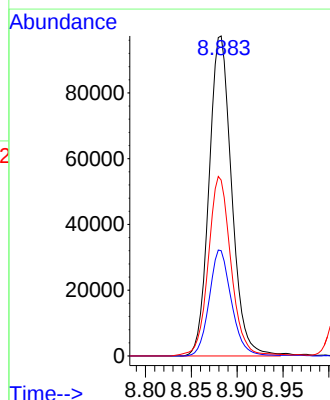
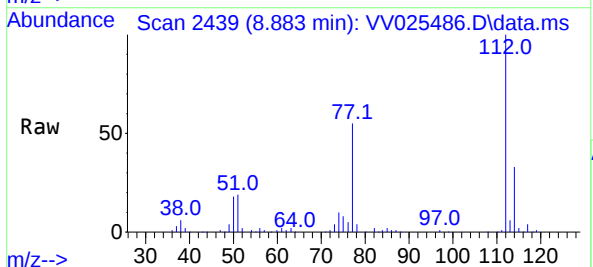
Instrument :
MSVOA_V
ClientSampleId :
BFB301

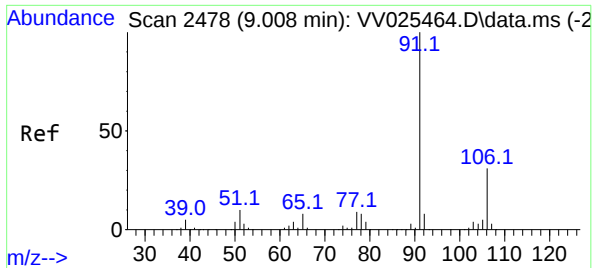
Tgt Ion:107 Resp: 34332
Ion Ratio Lower Upper
107 100
109 94.0 65.9 122.3
188 3.7 2.7 4.1



#51
Chlorobenzene
Concen: 5.248 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion:112 Resp: 166681
Ion Ratio Lower Upper
112 100
114 32.9 22.4 41.6
77 54.9 43.7 65.5

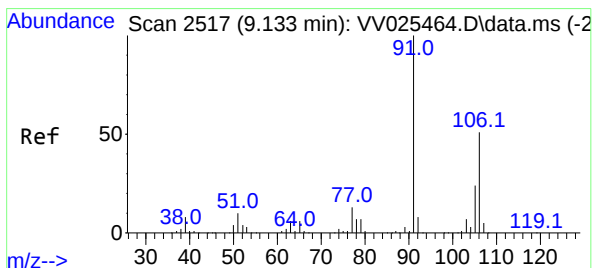
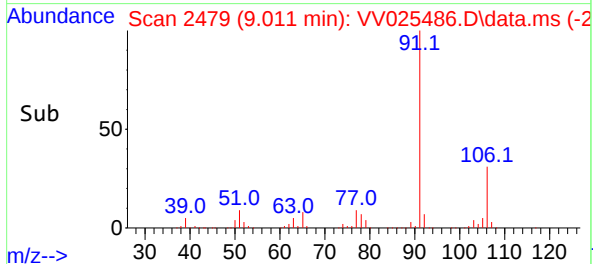
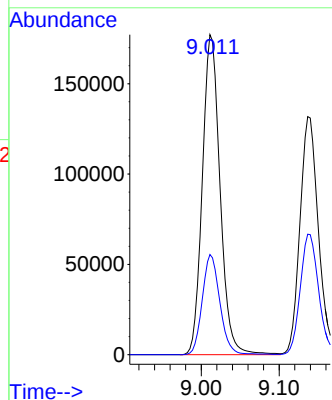
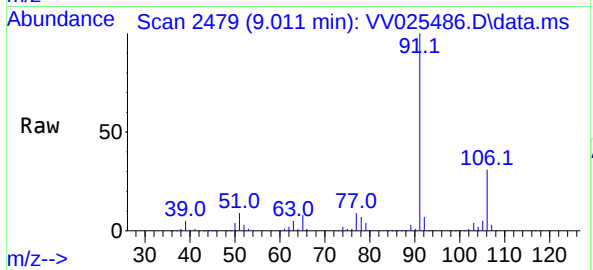




#52
Ethylbenzene
Concen: 5.282 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

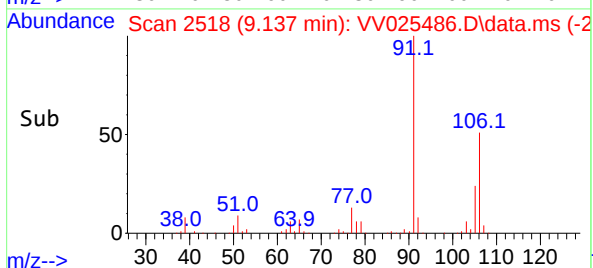
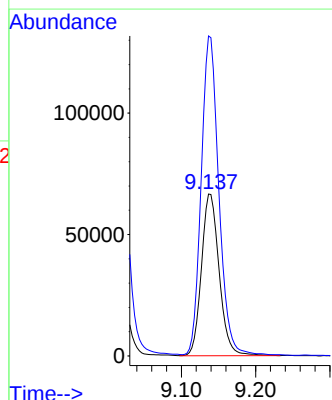
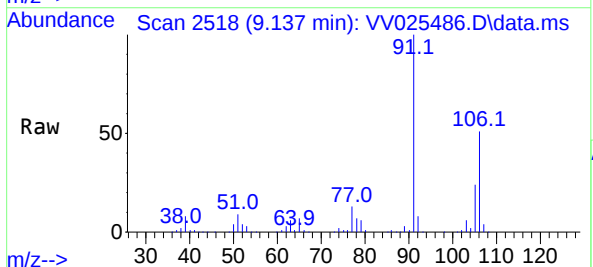
Instrument :
MSVOA_V
ClientSampleId :
BFB301

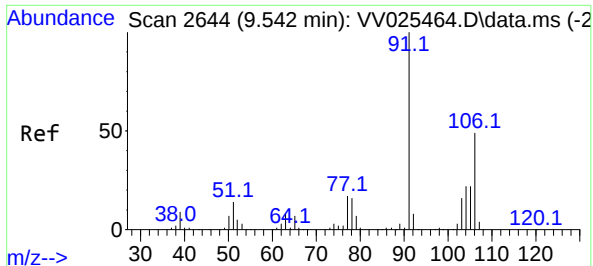
Tgt Ion: 91 Resp: 280198
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.3



#53
m,p-Xylene
Concen: 5.467 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion:106 Resp: 110261
Ion Ratio Lower Upper
106 100
91 197.6 136.4 253.4

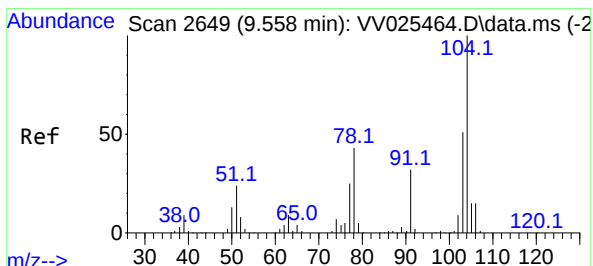
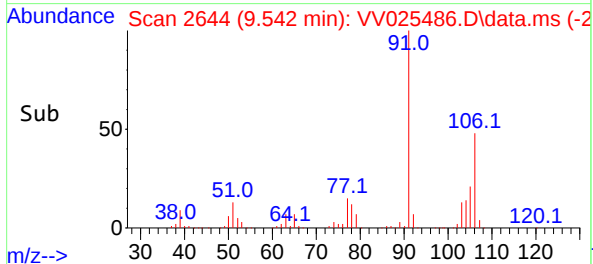
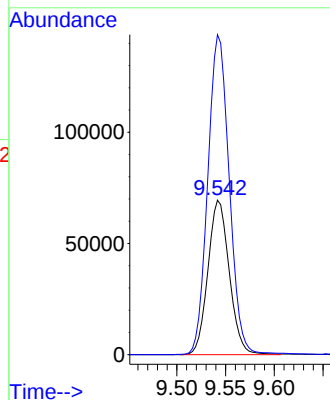
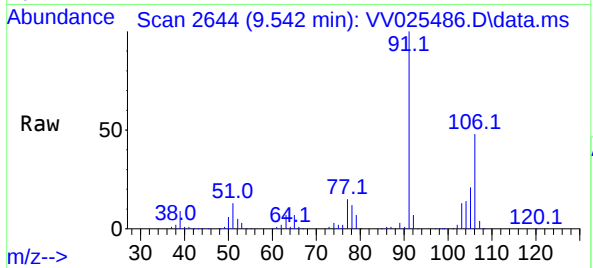




#54
o-Xylene
Concen: 5.413 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

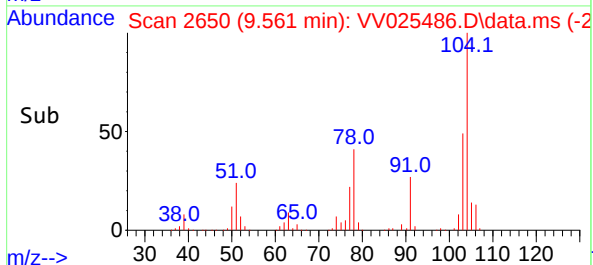
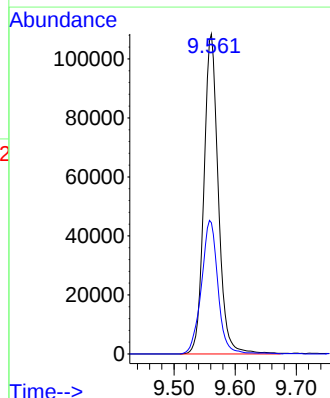
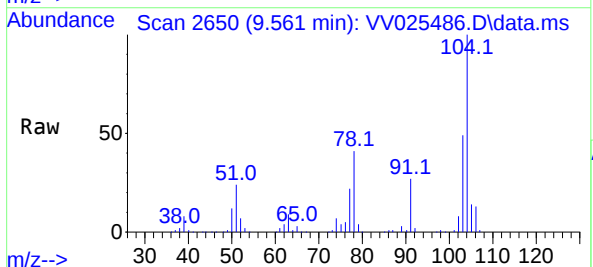
Instrument : MSVOA_V
ClientSampleId : BFB301

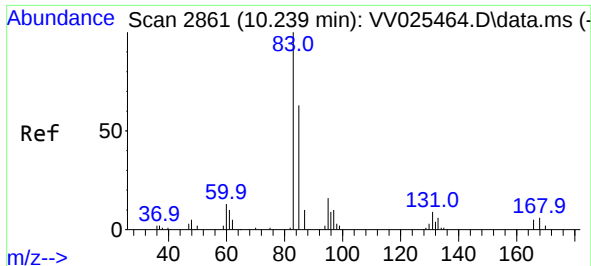
Tgt Ion:106 Resp: 106035
Ion Ratio Lower Upper
106 100
91 207.0 150.4 279.2



#55
Styrene
Concen: 5.562 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion:104 Resp: 177185
Ion Ratio Lower Upper
104 100
78 41.0 28.3 52.7

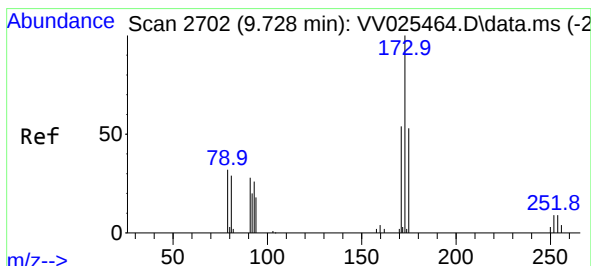
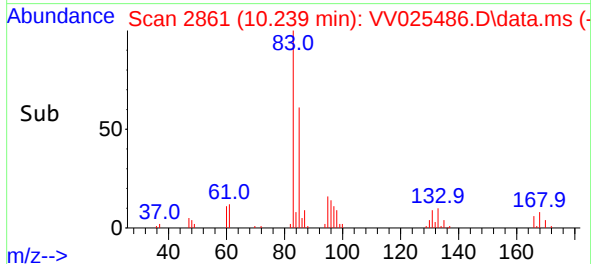
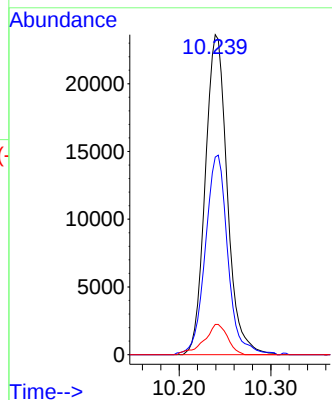
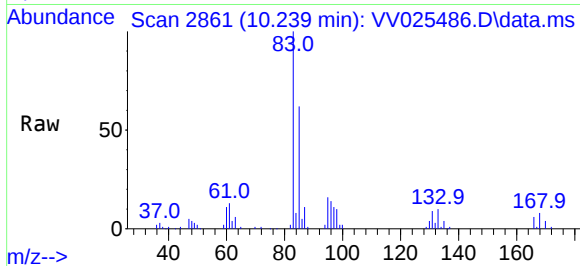




#57
1,1,2,2-Tetrachloroethane
Concen: 5.565 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

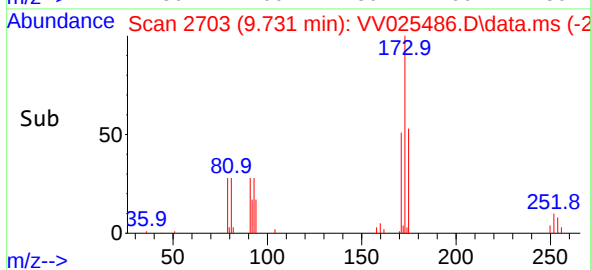
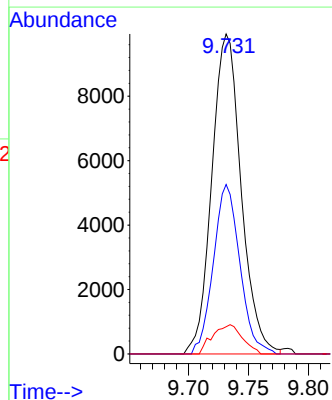
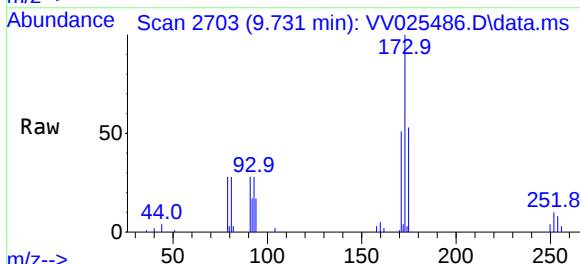
Instrument :
MSVOA_V
ClientSampleId :
BFB301

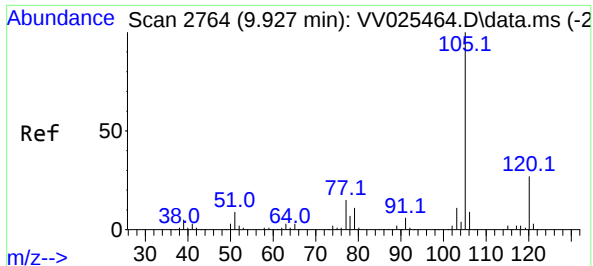
Tgt Ion:	83	Resp:	39388
Ion	Ratio	Lower	Upper
83	100		
85	61.7	45.1	83.9
131	9.5	7.9	11.9



#59
Bromoform
Concen: 4.932 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion:	173	Resp:	16876
Ion	Ratio	Lower	Upper
173	100		
175	47.8	40.8	61.2
254	9.3	7.0	10.6

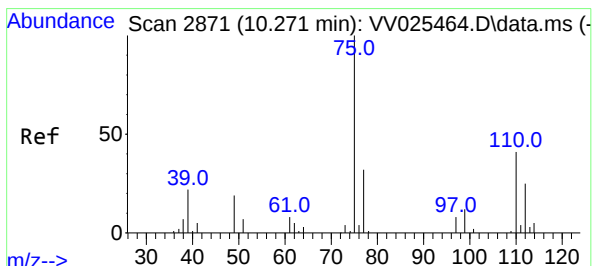
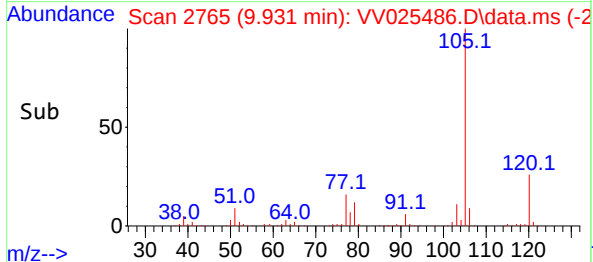
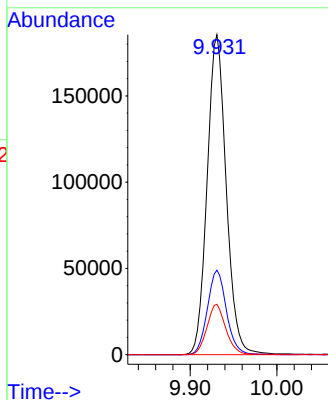
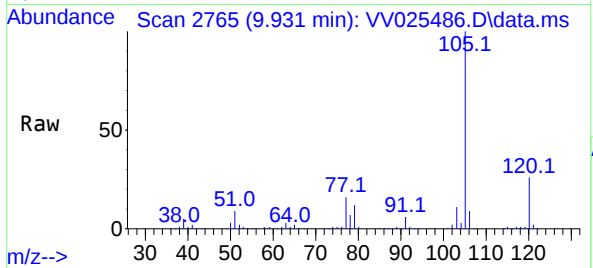




#60
Isopropylbenzene
Concen: 5.534 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

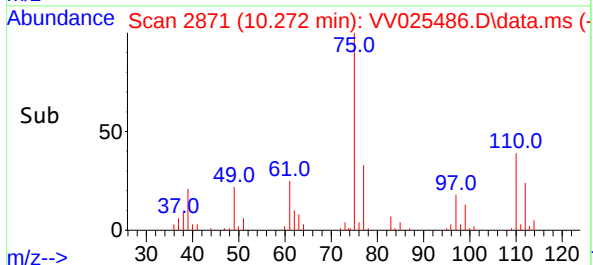
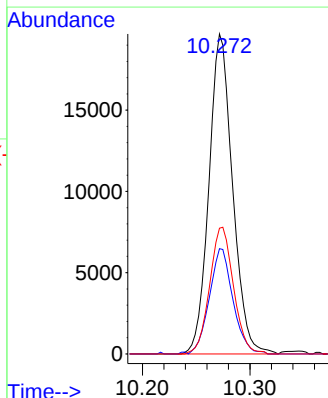
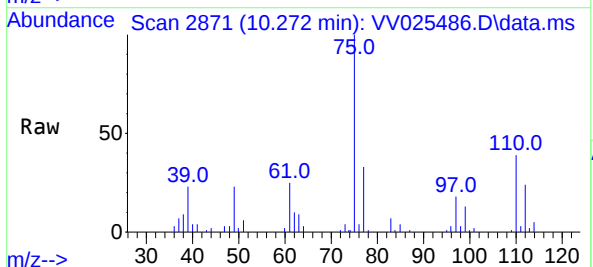
Instrument :
MSVOA_V
ClientSampleId :
BFB301

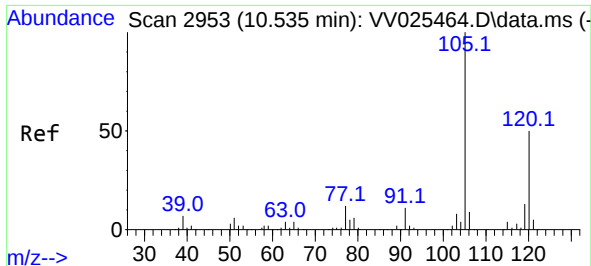
Tgt Ion:105 Resp: 283944
Ion Ratio Lower Upper
105 100
120 26.4 21.2 31.8
77 15.7 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.514 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion: 75 Resp: 30105
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4
110 39.8 34.7 52.1

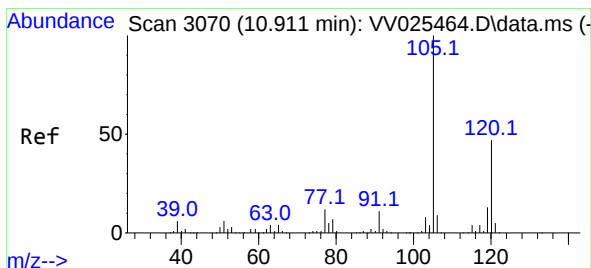
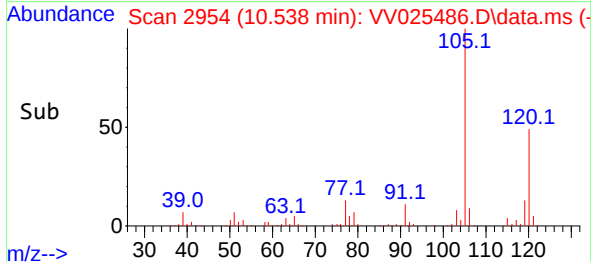
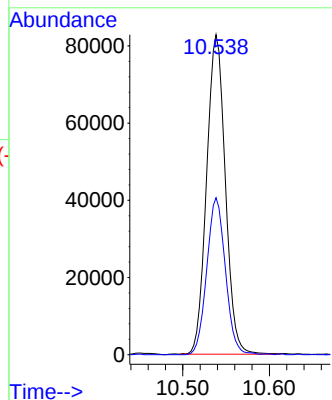
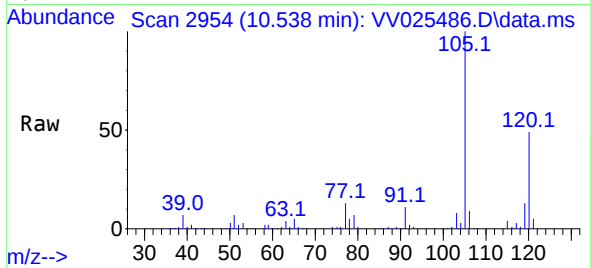




#62
1,3,5-Trimethylbenzene
Concen: 5.429 ug/L
RT: 10.538 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

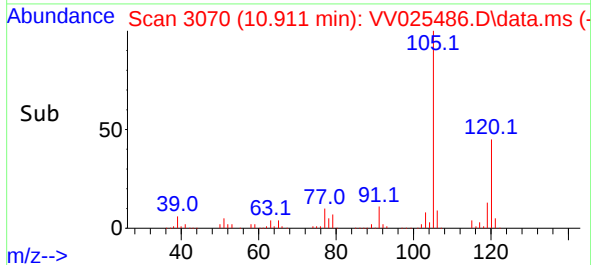
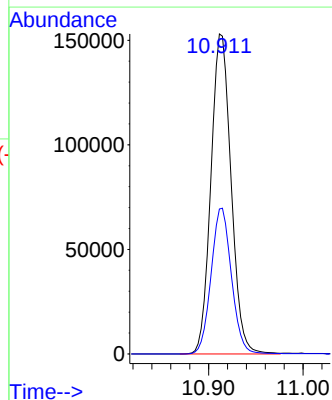
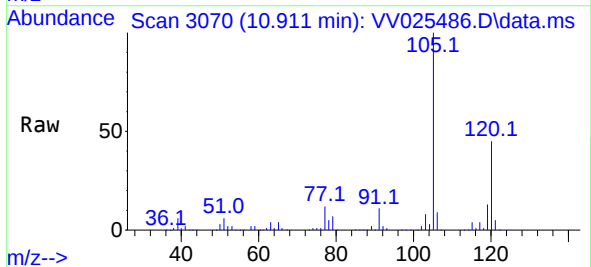
Instrument :
MSVOA_V
ClientSampleId :
BFB301

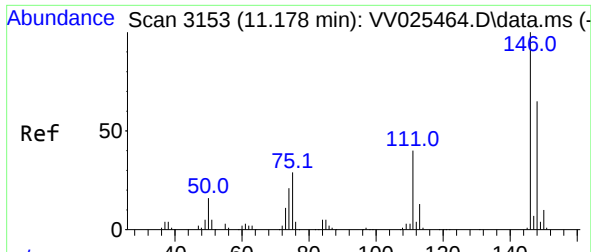
Tgt Ion:105 Resp: 124216
Ion Ratio Lower Upper
105 100
120 48.9 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 5.500 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

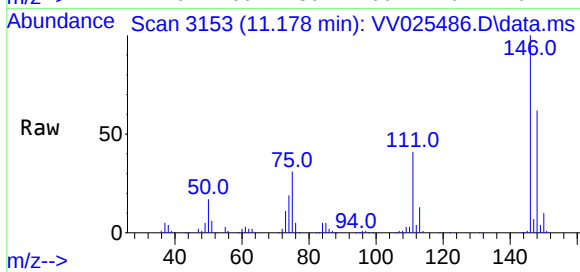
Tgt Ion:105 Resp: 226748
Ion Ratio Lower Upper
105 100
120 46.0 36.6 55.0



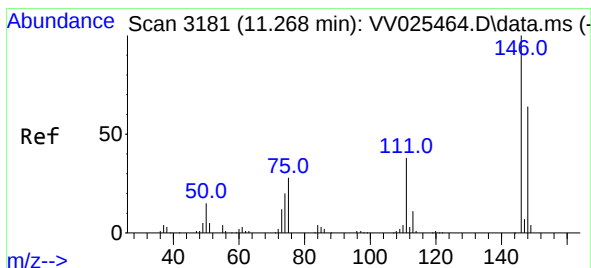
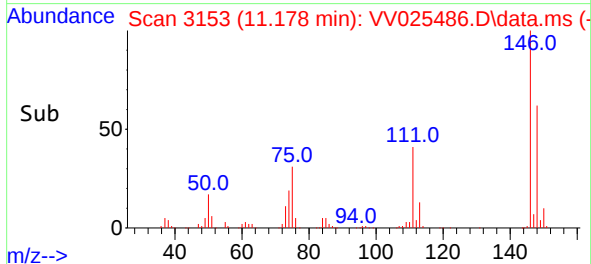
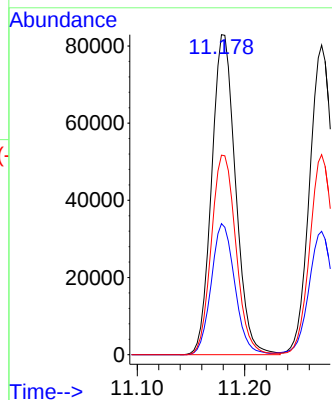


#64
1,3-Dichlorobenzene
Concen: 5.351 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Instrument :
MSVOA_V
ClientSampleId :
BFB301

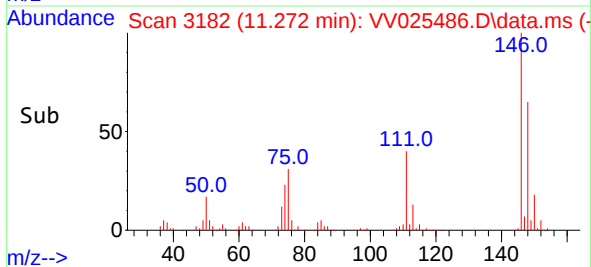
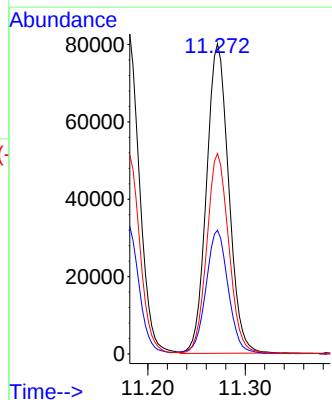
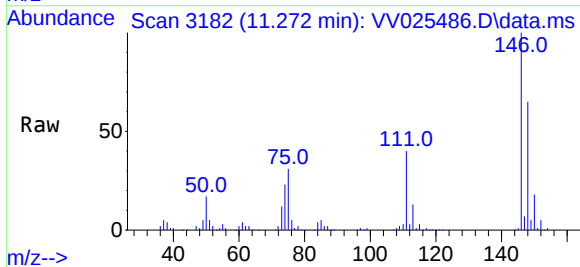


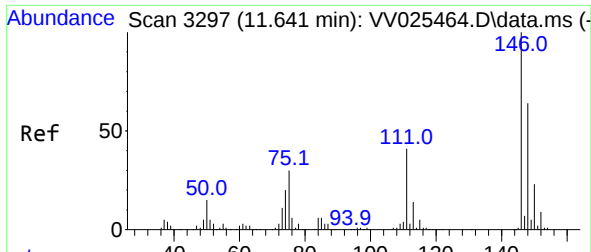
Tgt Ion:146 Resp: 128164
Ion Ratio Lower Upper
146 100
111 41.0 27.4 50.8
148 62.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.214 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion:146 Resp: 126771
Ion Ratio Lower Upper
146 100
111 39.9 26.7 49.7
148 64.6 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 5.288 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025486.D

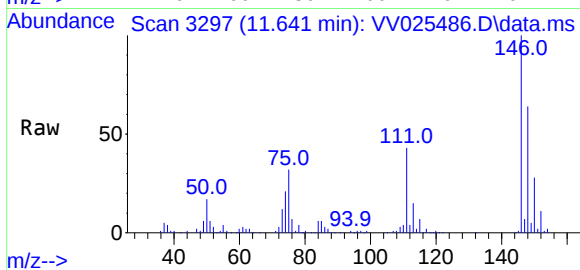
Acq: 12 Apr 2022 20:13

Instrument :

MSVOA_V

ClientSampleId :

BFB301



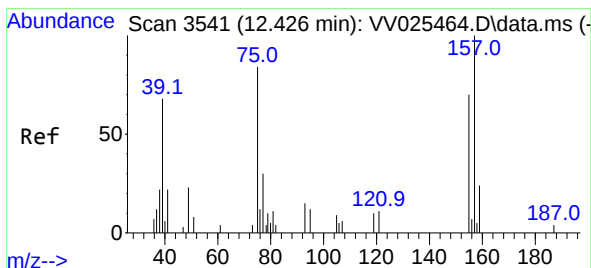
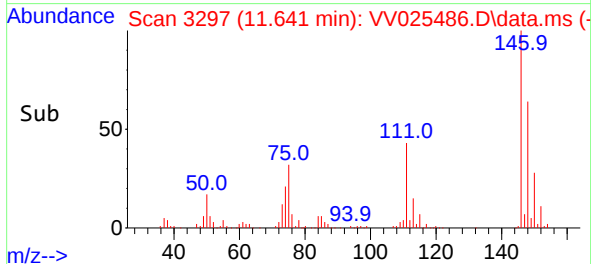
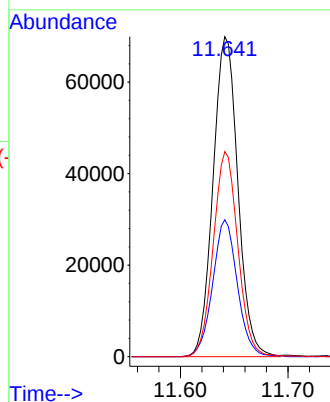
Tgt Ion:146 Resp: 112163

Ion Ratio Lower Upper

146 100

111 42.8 33.6 50.4

148 64.1 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.726 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV025486.D

Acq: 12 Apr 2022 20:13

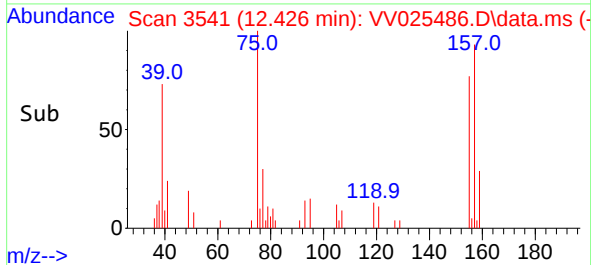
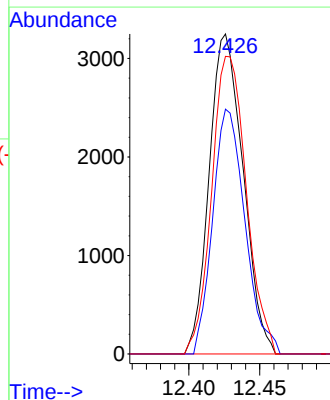
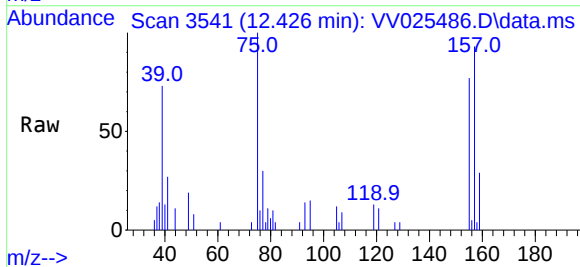
Tgt Ion: 75 Resp: 5405

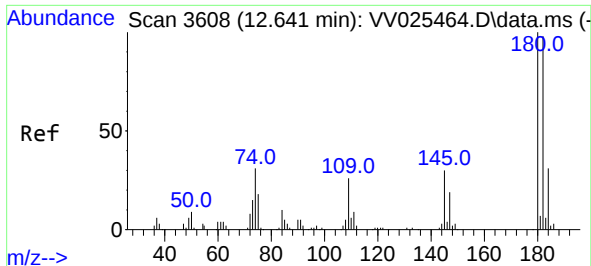
Ion Ratio Lower Upper

75 100

155 76.5 65.8 98.8

157 93.0 86.6 130.0

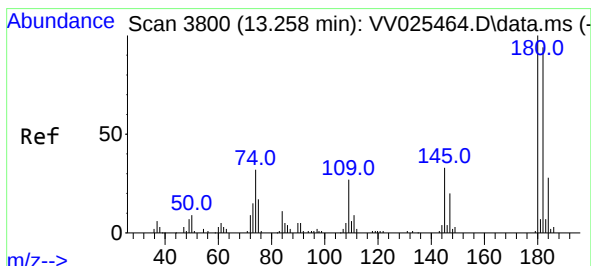
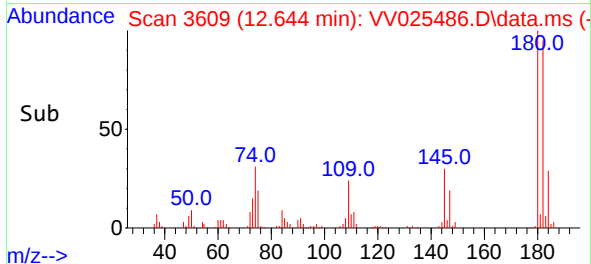
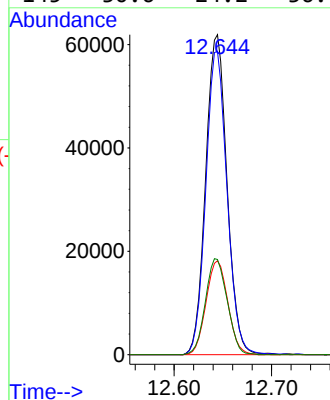
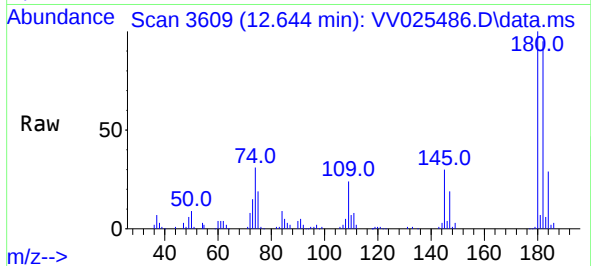




#69
 1,3,5-Trichlorobenzene
 Concen: 5.177 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV025486.D
 Acq: 12 Apr 2022 20:13

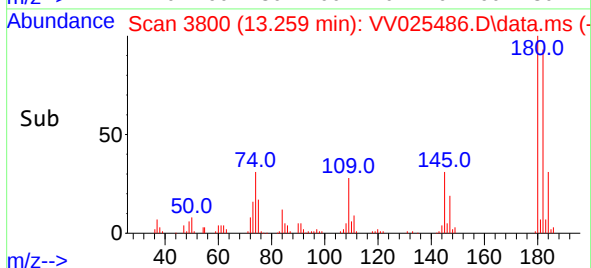
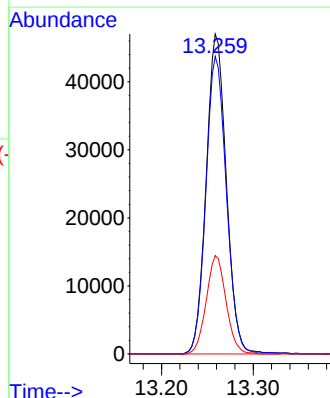
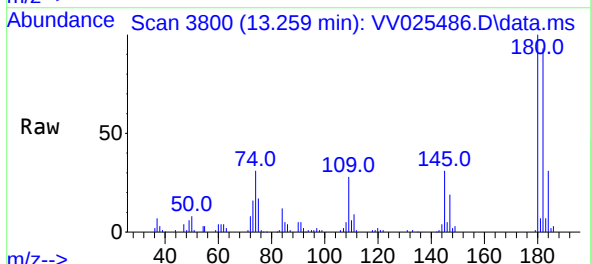
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB301

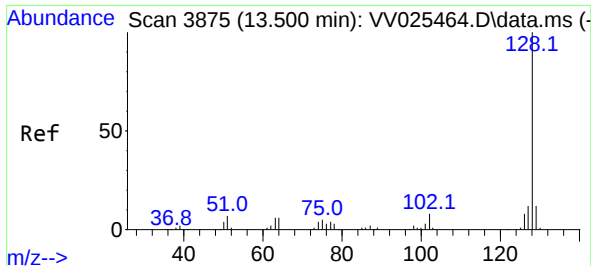
Tgt Ion:180	Resp:	94341
Ion Ratio	Lower	Upper
180	100	
182	94.5	75.3 112.9
184	29.9	23.4 35.2
145	30.6	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 5.104 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025486.D
 Acq: 12 Apr 2022 20:13

Tgt Ion:180	Resp:	71708
Ion Ratio	Lower	Upper
180	100	
182	94.5	76.6 114.8
145	30.2	24.6 36.8



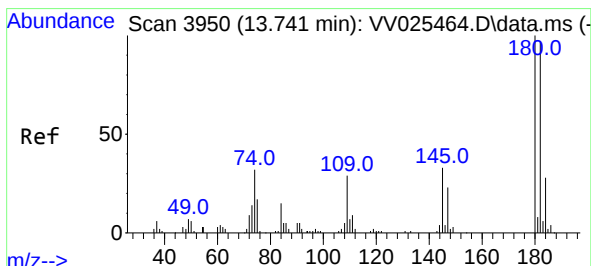
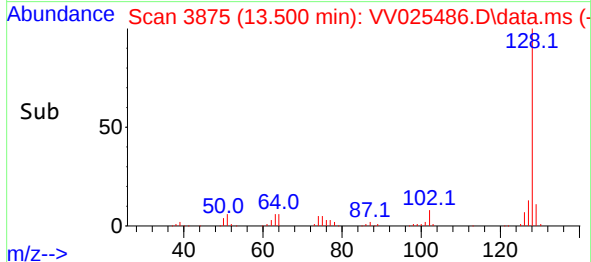
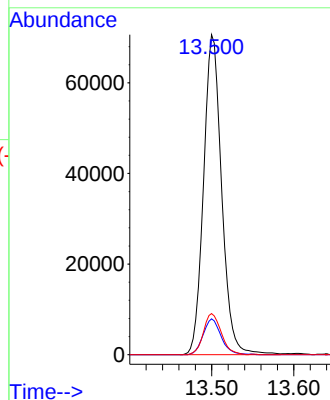
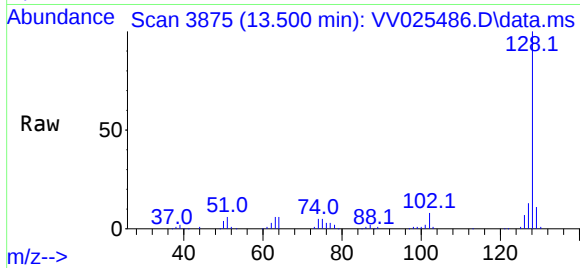


#71
Naphthalene
Concen: 5.260 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Instrument :
MSVOA_V
ClientSampleId :
BFB301

Tgt Ion:128 Resp: 108410

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.6	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.275 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025486.D
Acq: 12 Apr 2022 20:13

Tgt Ion:180 Resp: 61361

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.7	116.5
145	31.2	27.4	41.2

