

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025505.D
 Acq On : 13 Apr 2022 20:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 14 03:14:28 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	116955	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	117378	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	61954	5.698	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	114.000%	
7) Chloroethane-d5	1.571	69	53277	4.606	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.200%	
11) 1,1-Dichloroethene-d2	2.114	63	118434	5.437	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	108.800%	
20) 2-Butanone-d5	3.905	46	69863	52.821	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.640%	
24) Chloroform-d	4.352	84	85563	5.207	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
26) 1,2-Dichloroethane-d4	5.034	65	38049	5.374	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.400%	
32) Benzene-d6	5.053	84	172715	5.086	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
36) 1,2-Dichloropropane-d6	6.072	67	48515	5.122	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.317	98	160860	5.104	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14743	4.631	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.600%	
46) 2-Hexanone-d5	8.092	63	51450	46.048	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.100%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30027	5.018	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	49920	4.892	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	45381	4.295	ug/L	99
3) Chloromethane	1.243	50	66095	5.757	ug/L	99
5) Vinyl chloride	1.314	62	70231	5.414	ug/L	98
6) Bromomethane	1.526	94	42093	4.500	ug/L	99
8) Chloroethane	1.587	64	46565	4.650	ug/L	96
9) Trichlorofluoromethane	1.757	101	89685	4.922	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	40888	3.994	ug/L	97
12) 1,1-Dichloroethene	2.124	96	50785	5.006	ug/L	88
13) Acetone	2.195	43	47882	53.337	ug/L	93
14) Carbon disulfide	2.298	76	111988	4.612	ug/L	98
15) Methyl Acetate	2.446	43	11609	5.818	ug/L	91
16) Methylene chloride	2.510	84	43022	4.374	ug/L	99
17) Methyl tert-butyl Ether	2.774	73	74919	4.773	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	40147	4.723	ug/L	98
19) 1,1-Dichloroethane	3.195	63	75412	5.238	ug/L	95
21) 2-Butanone	3.989	43	65772	53.021	ug/L	91
22) cis-1,2-Dichloroethene	3.918	96	44906	5.018	ug/L	94
23) Bromochloromethane	4.256	128	18569	4.998	ug/L	94
25) Chloroform	4.378	83	81546	5.366	ug/L	99

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 Data File : VW025505.D
 Acq On : 13 Apr 2022 20:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 14 03:14:28 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

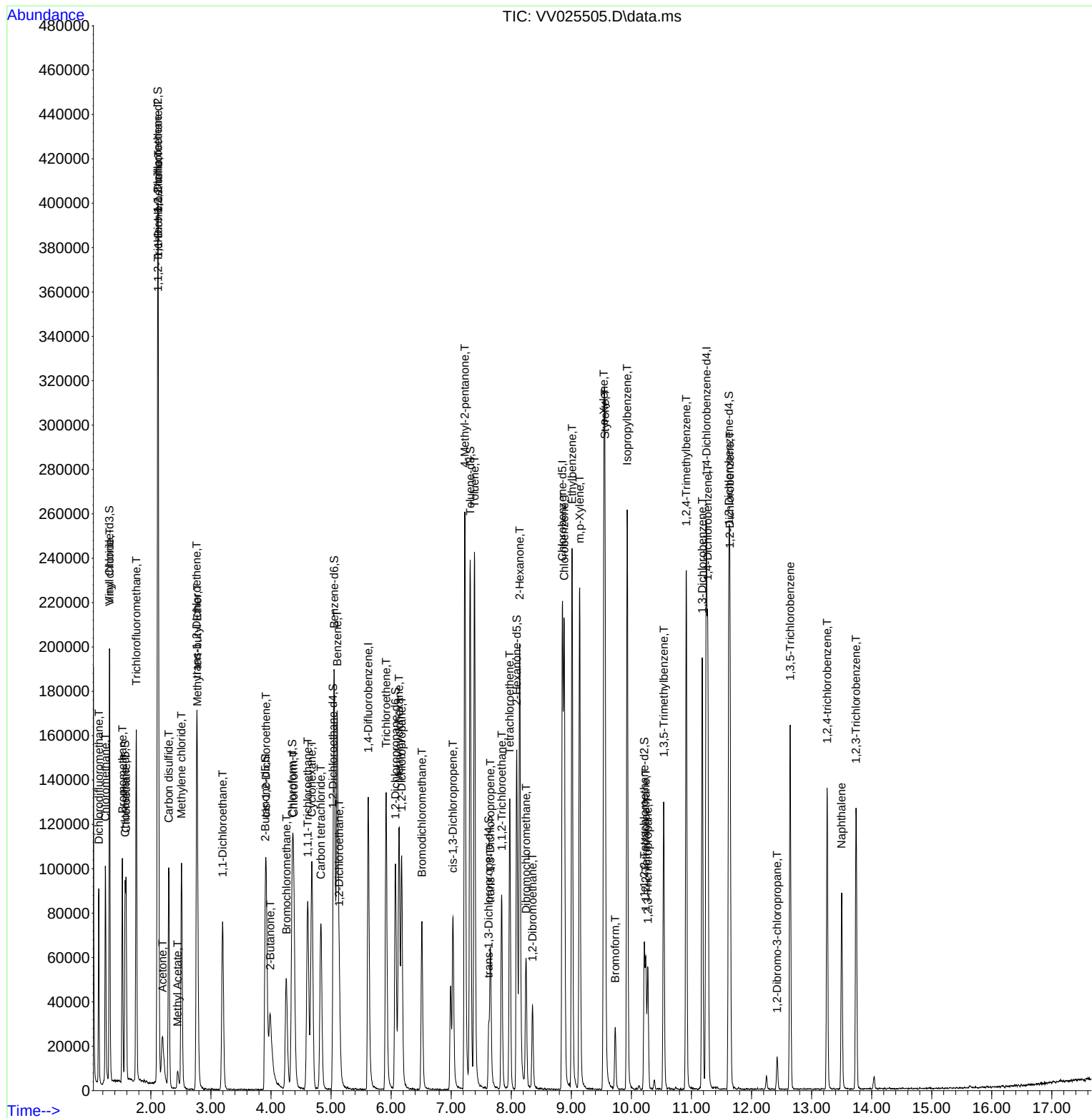
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	41290	5.149	ug/L	97
29) 1,1,1-Trichloroethane	4.613	97	68636	4.958	ug/L	98
30) Cyclohexane	4.680	56	51825	4.117	ug/L	97
31) Carbon tetrachloride	4.831	117	56022	4.785	ug/L	99
33) Benzene	5.101	78	173442	5.002	ug/L	100
34) Trichloroethene	5.918	95	47863	5.199	ug/L	99
35) Methylcyclohexane	6.134	83	47605	3.241	ug/L	96
37) 1,2-Dichloropropane	6.175	63	39967	4.983	ug/L	99
38) Bromodichloromethane	6.513	83	50438	5.065	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	47047	4.475	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	166415	51.814	ug/L	96
42) Toluene	7.387	91	178034	4.720	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	37773	4.625	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	27272	5.077	ug/L	99
47) Tetrachloroethene	7.976	164	28976	4.020	ug/L	94
48) 2-Hexanone	8.140	43	120205	53.704	ug/L	98
49) Dibromochloromethane	8.246	129	28643	4.857	ug/L	94
50) 1,2-Dibromoethane	8.355	107	24548	4.865	ug/L	100
51) Chlorobenzene	8.883	112	112412	4.668	ug/L	96
52) Ethylbenzene	9.011	91	172750	4.295	ug/L	98
53) m,p-Xylene	9.140	106	66044	4.318	ug/L	100
54) o-Xylene	9.542	106	67097	4.517	ug/L	97
55) Styrene	9.561	104	113638	4.704	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	26581	4.953	ug/L	100
59) Bromoform	9.731	173	12388	4.931	ug/L	93
60) Isopropylbenzene	9.931	105	167626	4.449	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21104	5.264	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	68678	4.088	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	124770	4.122	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	77966	4.433	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	77242	4.327	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	72657	4.665	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	3769	5.438	ug/L	93
69) 1,3,5-Trichlorobenzene	12.645	180	47404	3.543	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	38483	3.731	ug/L	98
71) Naphthalene	13.500	128	68049	4.497	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	35660	4.175	ug/L	99

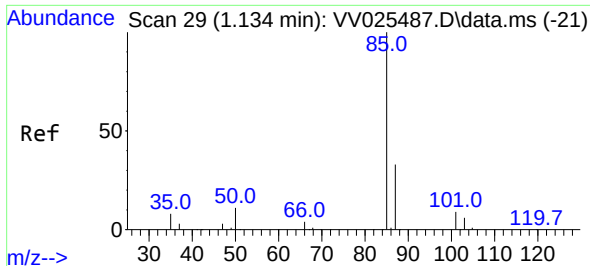
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041322\
 Data File : VV025505.D
 Acq On : 13 Apr 2022 20:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

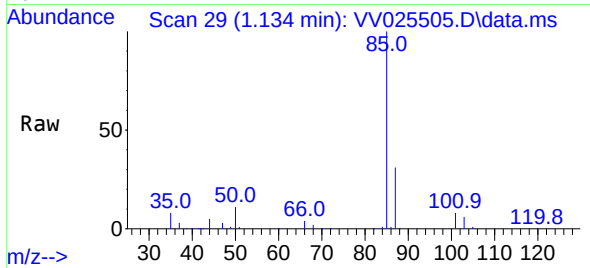
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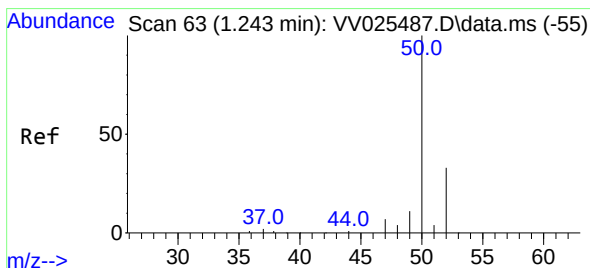
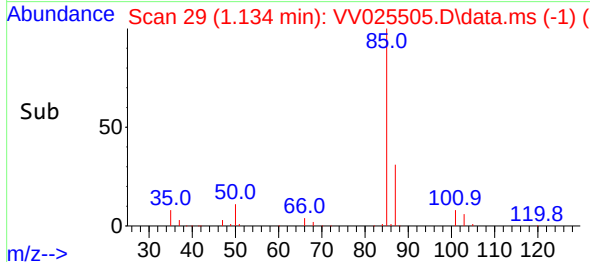
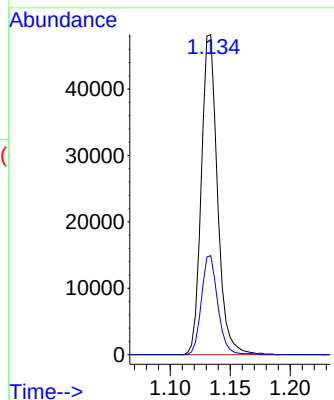


#2
 Dichlorodifluoromethane
 Concen: 4.295 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VV025505.D
 Acq: 13 Apr 2022 20:40

Instrument :
 MSVOA_V
 ClientSampleId :

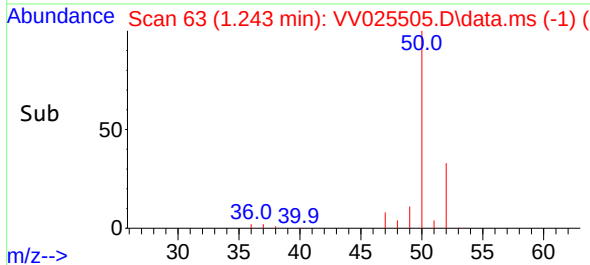
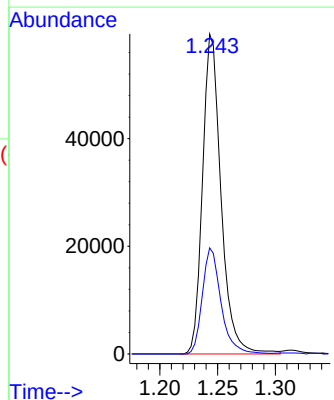
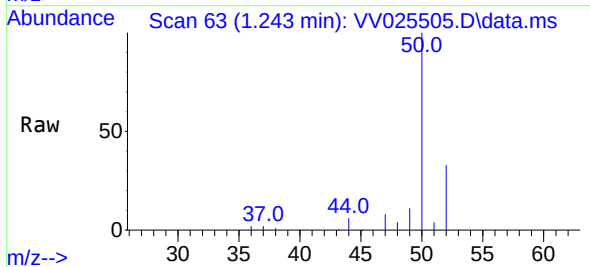


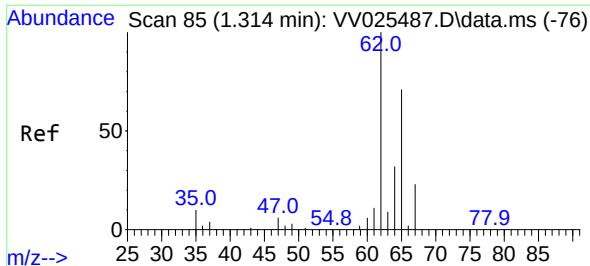
Tgt Ion: 85 Resp: 45381
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.6 38.4



#3
 Chloromethane
 Concen: 5.757 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025505.D
 Acq: 13 Apr 2022 20:40

Tgt Ion: 50 Resp: 66095
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 43.9

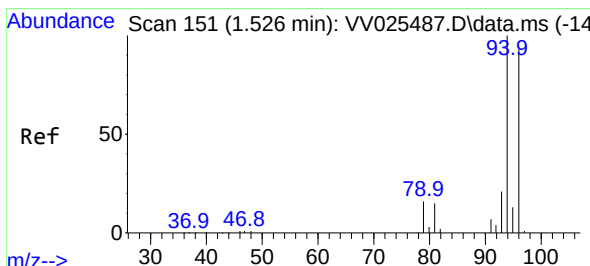
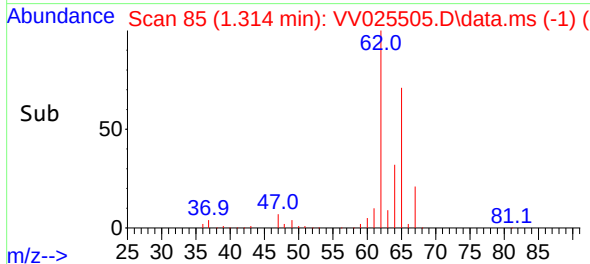
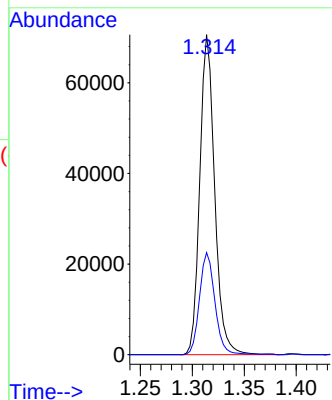
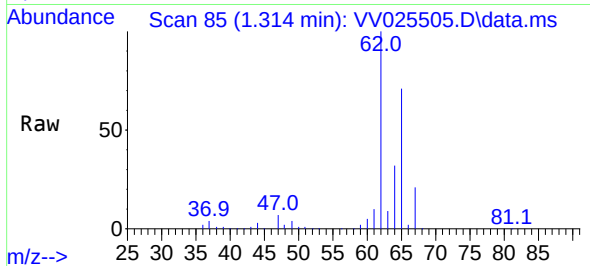




#5
 Vinyl chloride
 Concen: 5.414 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025505.D
 Acq: 13 Apr 2022 20:40

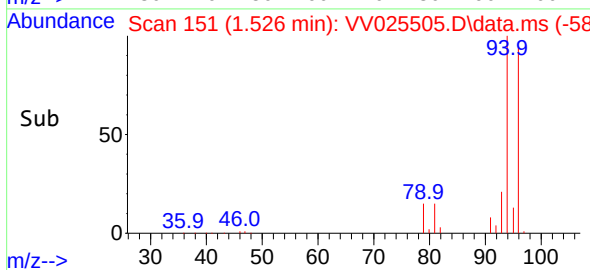
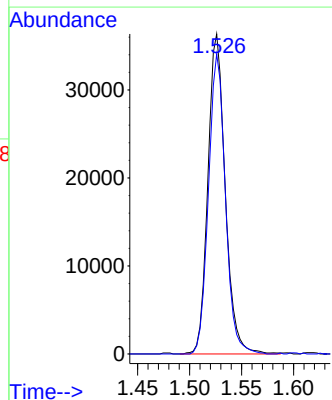
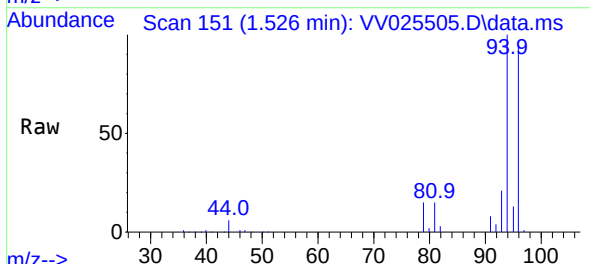
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 ClientSampleId :

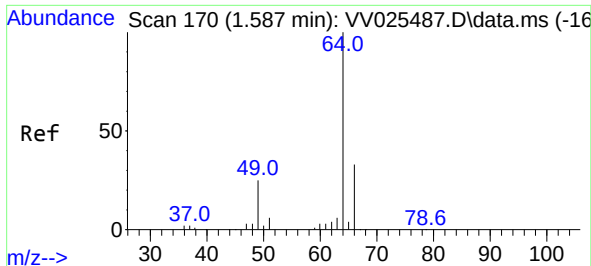
Tgt Ion: 62 Resp: 70231
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.2 43.2



#6
 Bromomethane
 Concen: 4.500 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV025505.D
 Acq: 13 Apr 2022 20:40

Tgt Ion: 94 Resp: 42093
 Ion Ratio Lower Upper
 94 100
 96 93.8 66.1 122.7

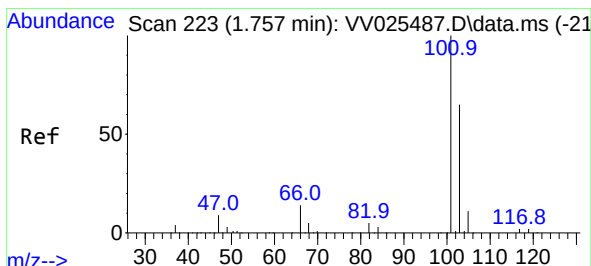
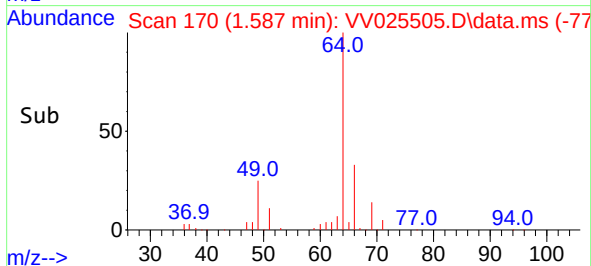
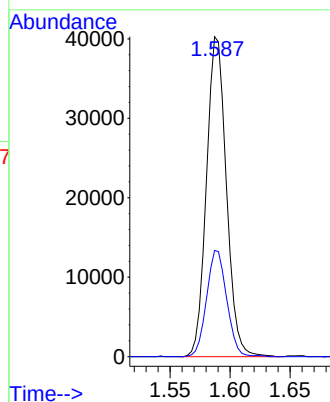
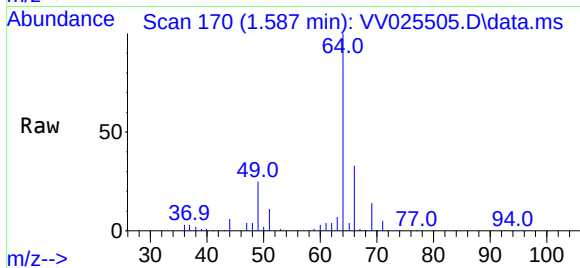




#8
Chloroethane
Concen: 4.650 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

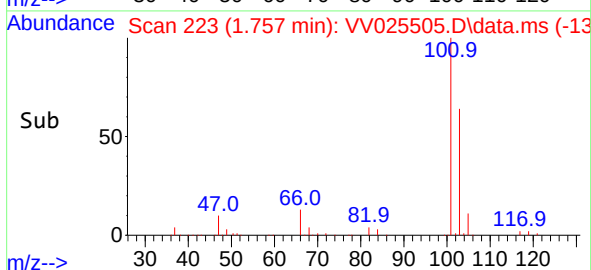
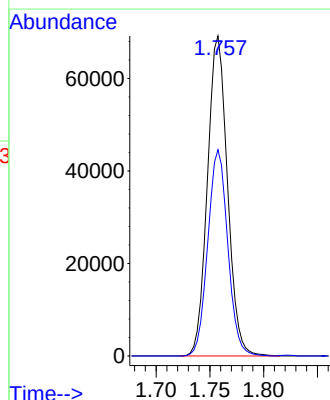
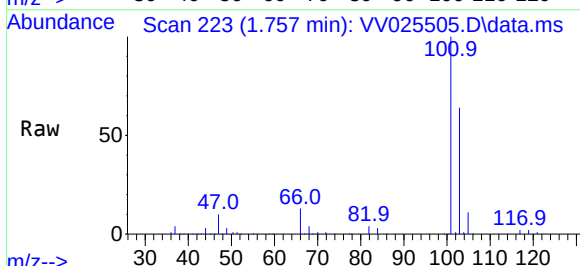
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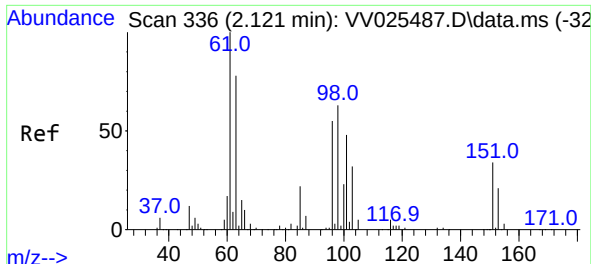
Tgt Ion: 64 Resp: 46565
Ion Ratio Lower Upper
64 100
66 33.2 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.922 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.000 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Tgt Ion:101 Resp: 89685
Ion Ratio Lower Upper
101 100
103 64.2 51.9 77.9

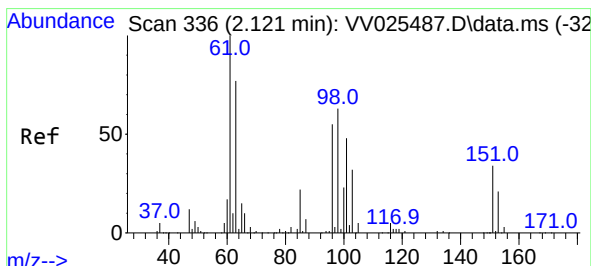
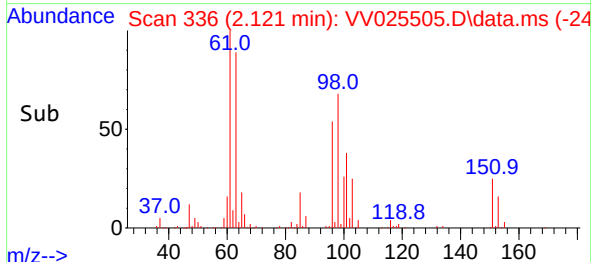
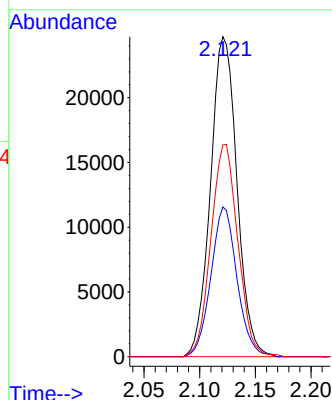
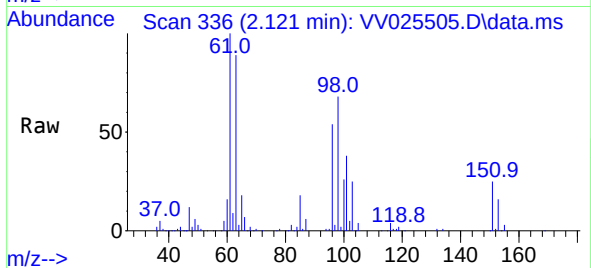




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.994 ug/L
 RT: 2.121 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV025505.D
 Acq: 13 Apr 2022 20:40

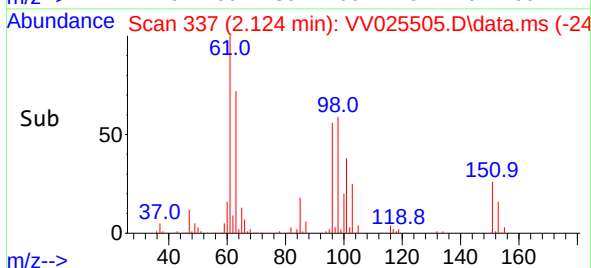
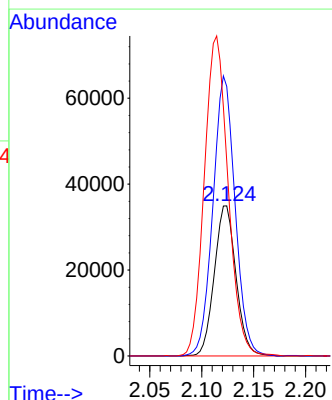
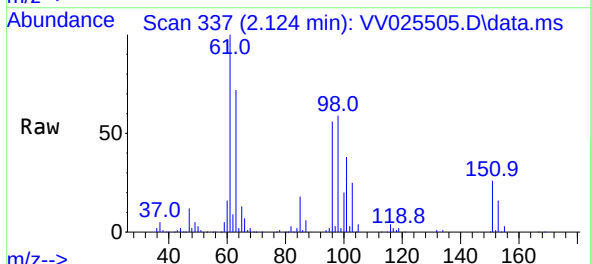
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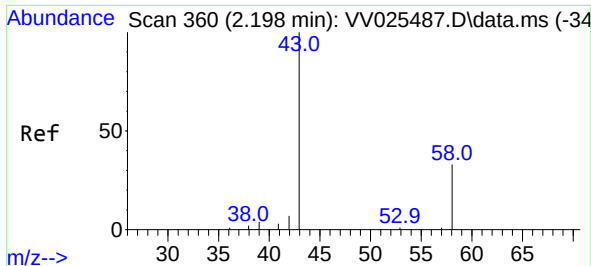
Tgt Ion:101 Resp: 40888
 Ion Ratio Lower Upper
 101 100
 85 46.2 35.9 53.9
 151 67.5 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.006 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV025505.D
 Acq: 13 Apr 2022 20:40

Tgt Ion: 96 Resp: 50785
 Ion Ratio Lower Upper
 96 100
 61 179.6 125.2 232.4
 63 129.7 114.4 212.4





#13

Acetone

Concen: 53.337 ug/L

RT: 2.195 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV025505.D

Acq: 13 Apr 2022 20:40

Instrument :

MSVOA_V

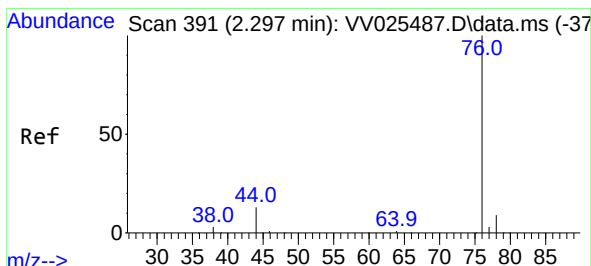
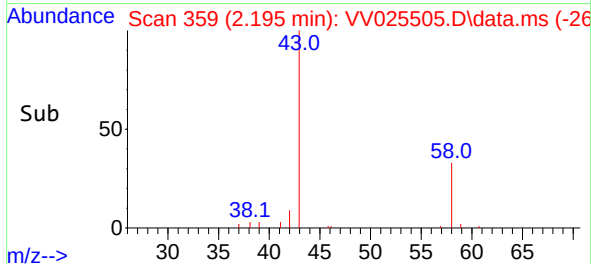
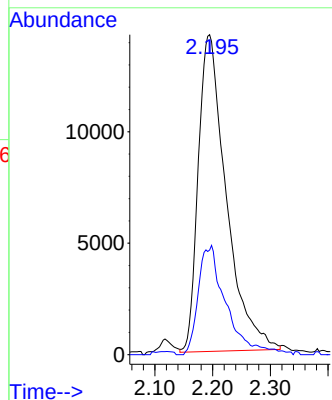
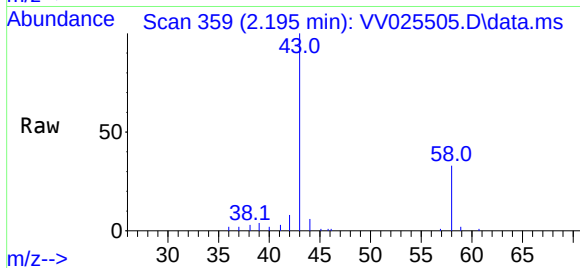
ClientSampleId :

Tgt Ion: 43 Resp: 47882

Ion Ratio Lower Upper

43 100

58 32.3 0.0 72.2



#14

Carbon disulfide

Concen: 4.612 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV025505.D

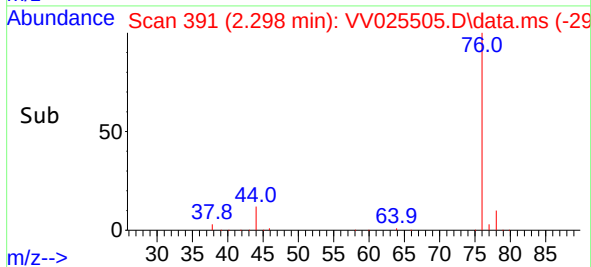
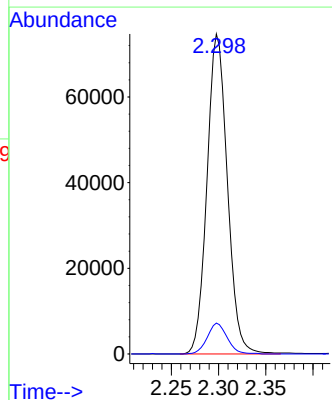
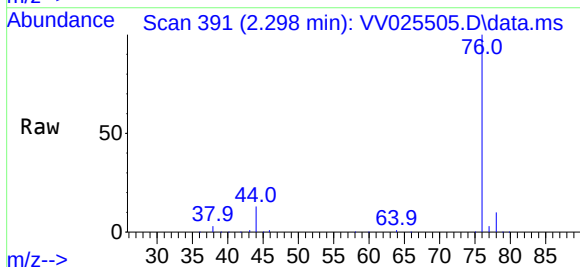
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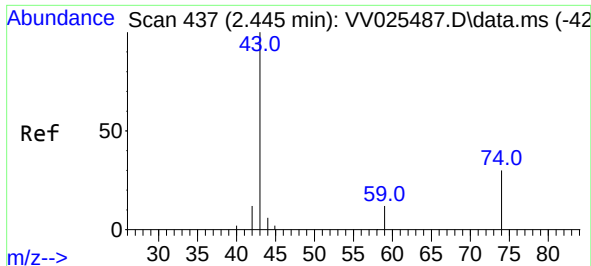
Tgt Ion: 76 Resp: 111988

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9

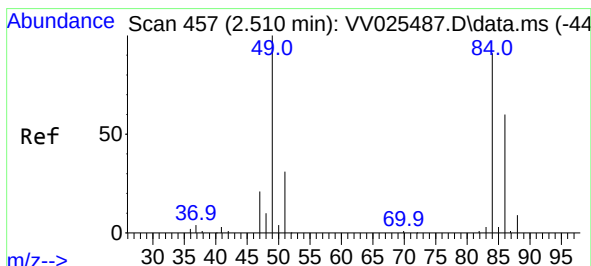
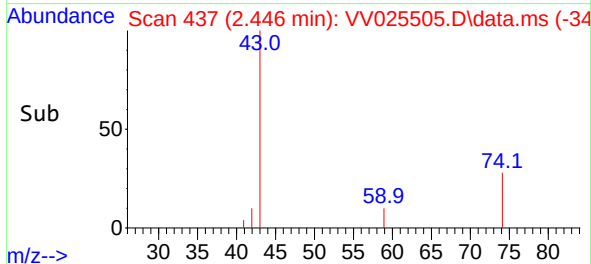
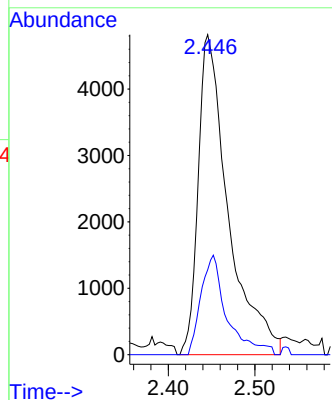
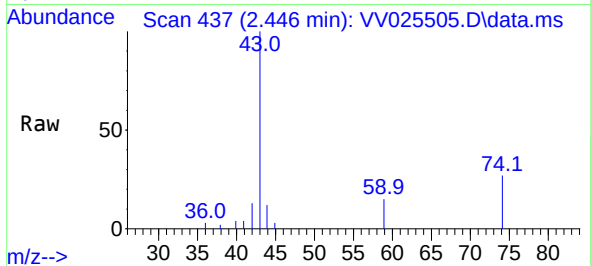




#15
Methyl Acetate
Concen: 5.818 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

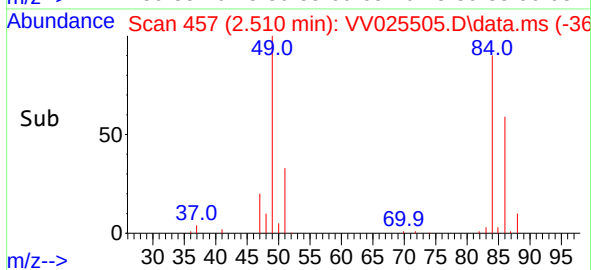
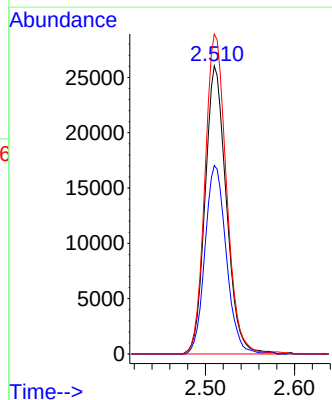
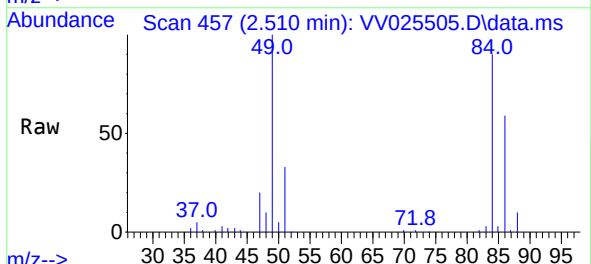
Instrument :
MSVOA_V
ClientSampleId :

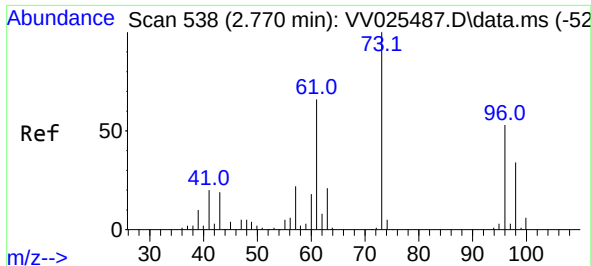
Tgt Ion: 43 Resp: 11609
Ion Ratio Lower Upper
43 100
74 26.8 25.2 37.8



#16
Methylene chloride
Concen: 4.374 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

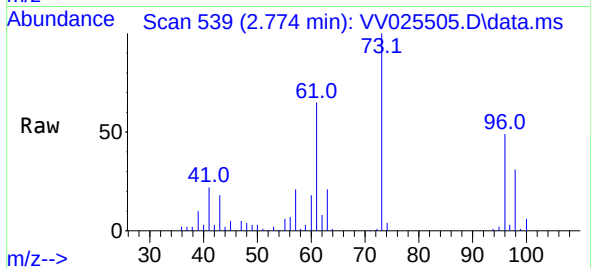
Tgt Ion: 84 Resp: 43022
Ion Ratio Lower Upper
84 100
86 65.4 45.9 85.3
49 111.1 76.6 142.3



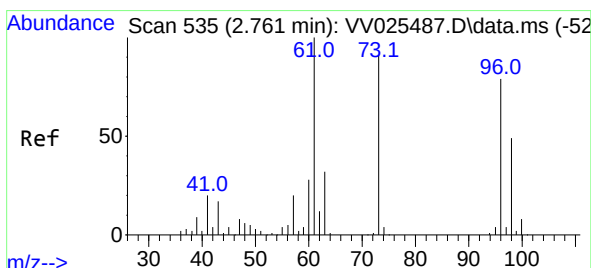
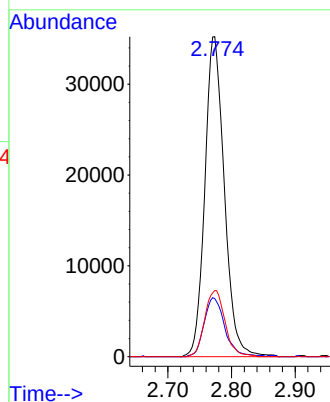
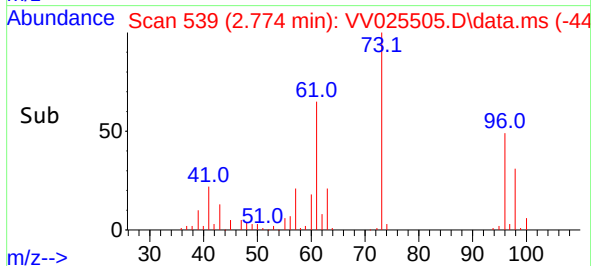


#17
Methyl tert-butyl Ether
Concen: 4.773 ug/L
RT: 2.774 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

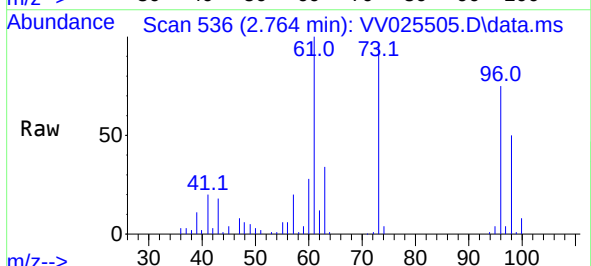
Instrument :
MSVOA_V
ClientSampleId :



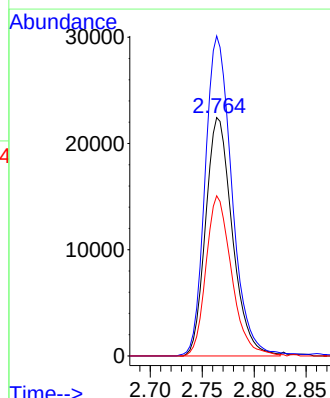
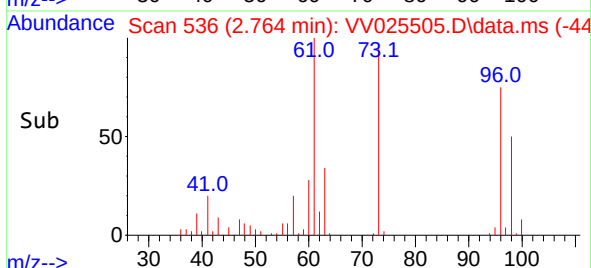
Tgt Ion: 73 Resp: 74919
Ion Ratio Lower Upper
73 100
43 19.6 14.2 21.4
57 21.6 16.1 24.1

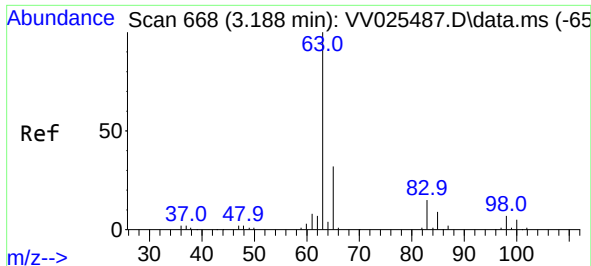


#18
trans-1,2-Dichloroethene
Concen: 4.723 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40



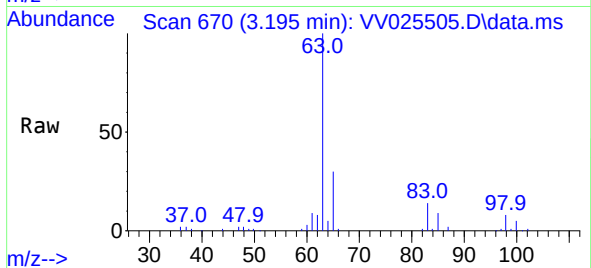
Tgt Ion: 96 Resp: 40147
Ion Ratio Lower Upper
96 100
61 134.2 92.1 171.1
98 67.2 47.5 88.1



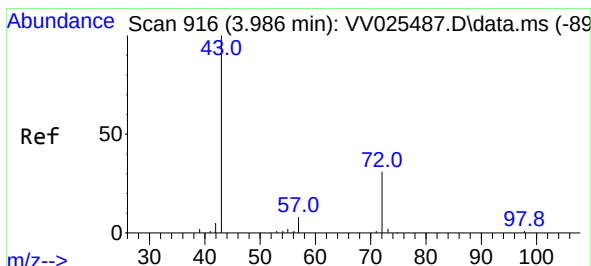
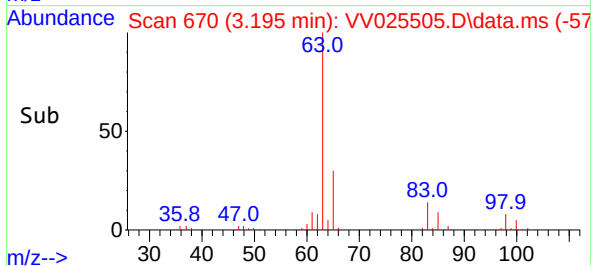
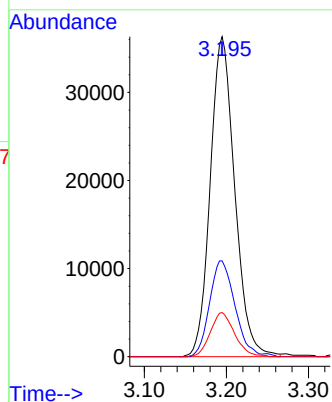


#19
1,1-Dichloroethane
Concen: 5.238 ug/L
RT: 3.195 min Scan# 61
Delta R.T. 0.007 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Instrument :
MSVOA_V
ClientSampleId :

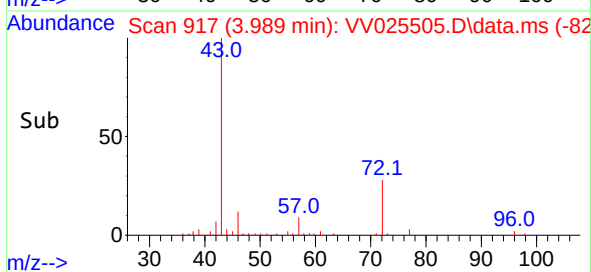
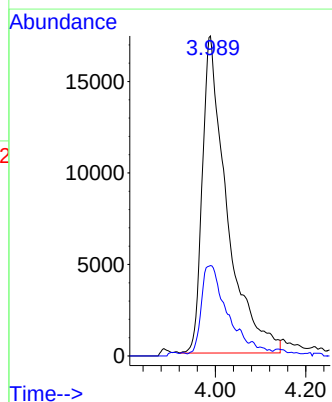
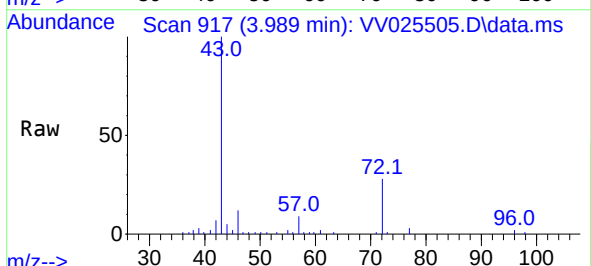


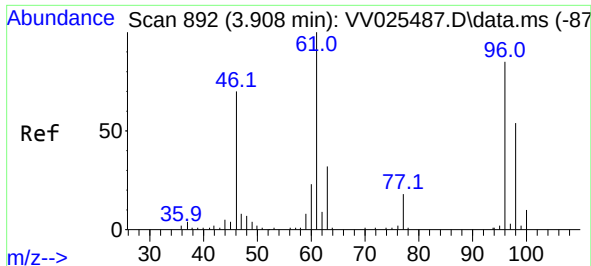
Tgt Ion: 63 Resp: 75412
Ion Ratio Lower Upper
63 100
65 30.0 23.2 43.0
83 13.8 9.0 16.8



#21
2-Butanone
Concen: 53.021 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.003 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

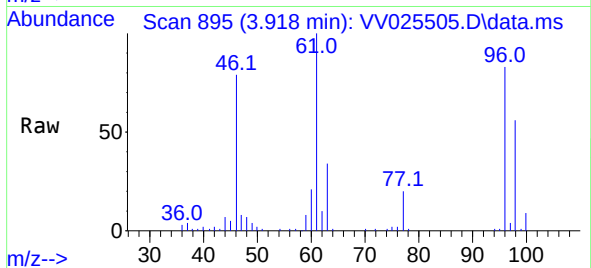
Tgt Ion: 43 Resp: 65772
Ion Ratio Lower Upper
43 100
72 25.4 15.2 45.6



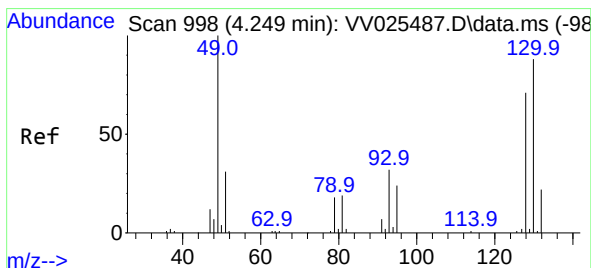
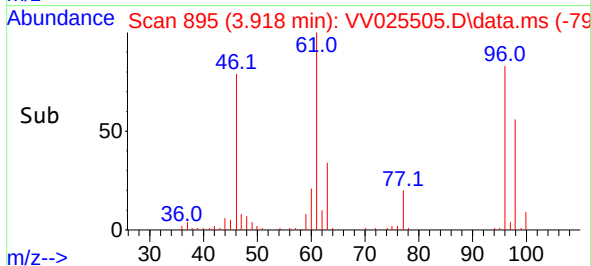
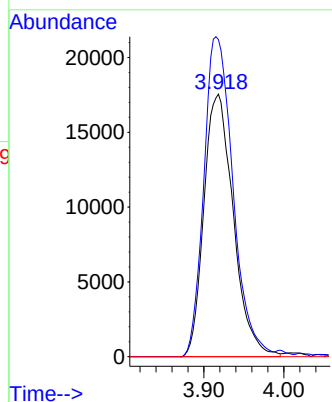


#22
 cis-1,2-Dichloroethene
 Concen: 5.018 ug/L
 RT: 3.918 min Scan# 89
 Delta R.T. 0.010 min
 Lab File: VV025505.D
 Acq: 13 Apr 2022 20:40

Instrument :
 MSVOA_V
 ClientSampleId :

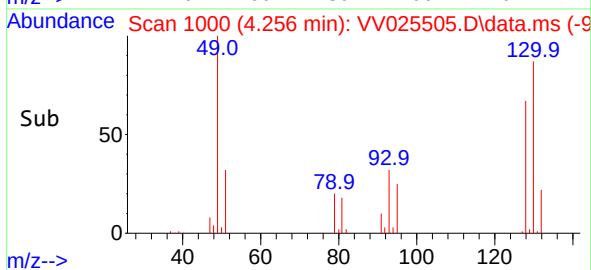
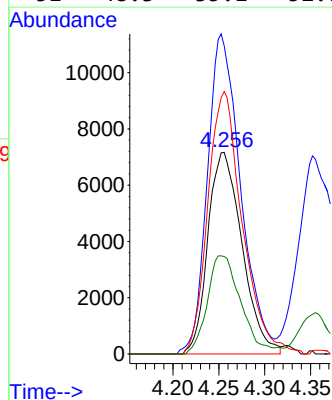
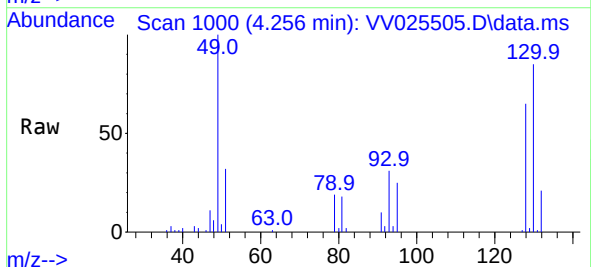


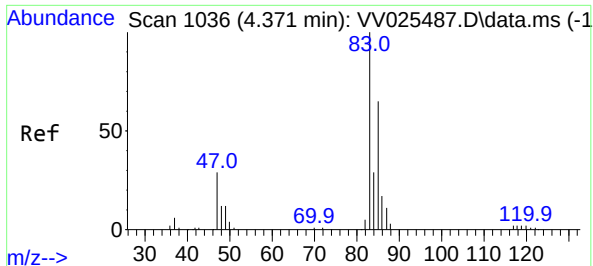
Tgt Ion: 96 Resp: 44906
 Ion Ratio Lower Upper
 96 100
 61 120.8 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.998 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.007 min
 Lab File: VV025505.D
 Acq: 13 Apr 2022 20:40

Tgt Ion: 128 Resp: 18569
 Ion Ratio Lower Upper
 128 100
 49 152.8 100.5 186.7
 130 130.1 87.8 163.0
 51 48.3 35.1 52.7





#25

Chloroform

Concen: 5.366 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV025505.D

Acq: 13 Apr 2022 20:40

Instrument :

MSVOA_V

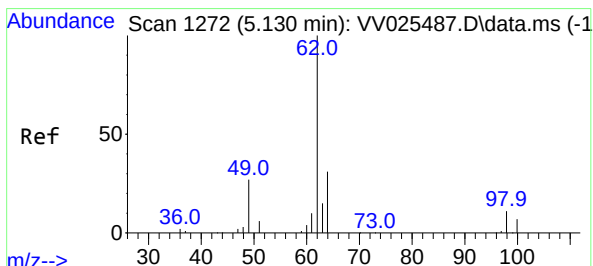
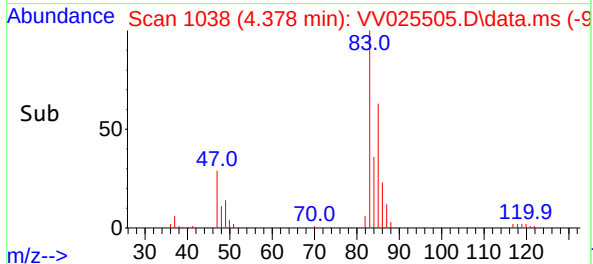
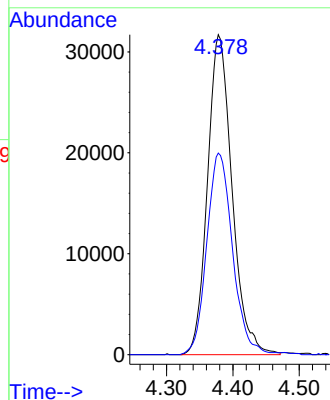
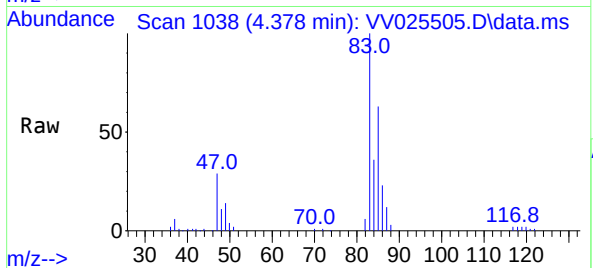
ClientSampleId :

Tgt Ion: 83 Resp: 81546

Ion Ratio Lower Upper

83 100

85 63.0 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.149 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.007 min

Lab File: VV025505.D

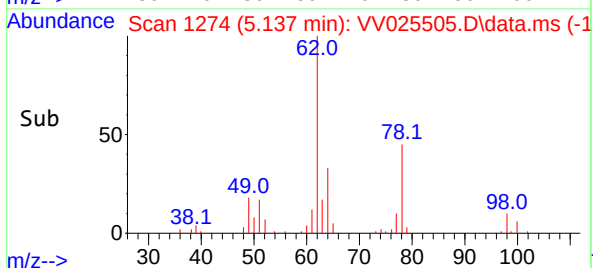
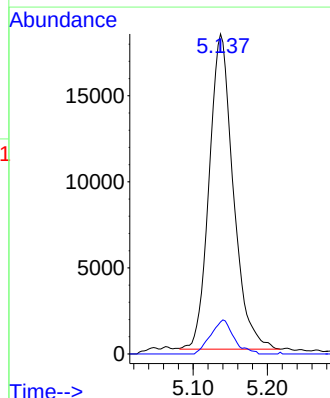
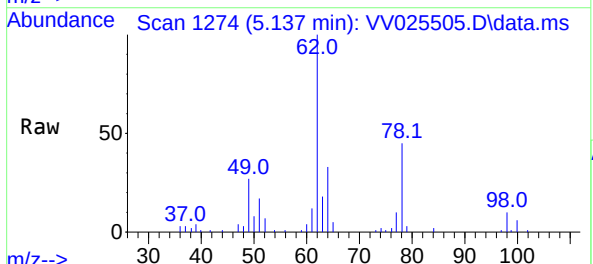
Acq: 13 Apr 2022 20:40

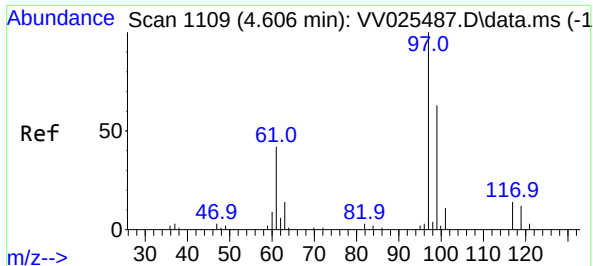
Tgt Ion: 62 Resp: 41290

Ion Ratio Lower Upper

62 100

98 10.0 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 4.958 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.007 min

Lab File: VV025505.D

Acq: 13 Apr 2022 20:40

Instrument :

MSVOA_V

ClientSampleId :

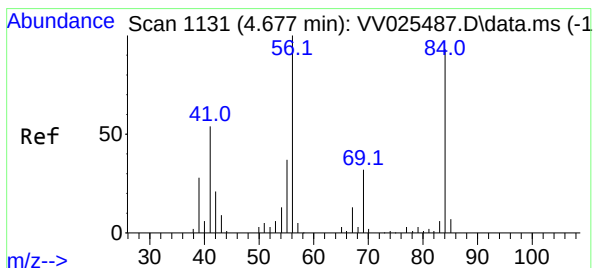
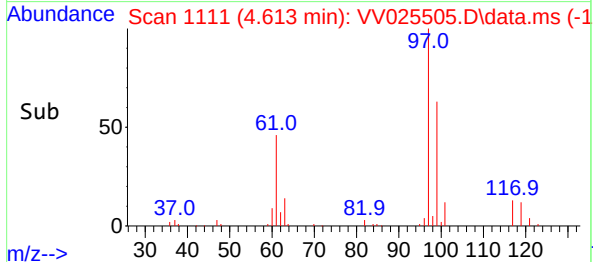
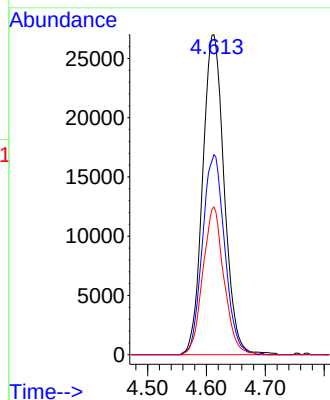
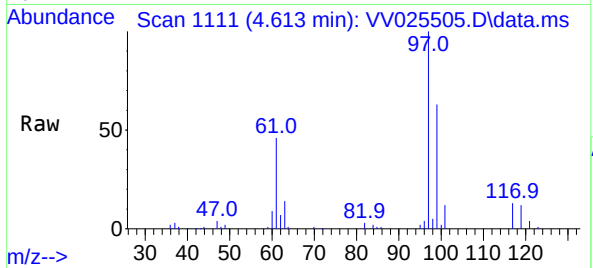
Tgt Ion: 97 Resp: 68636

Ion Ratio Lower Upper

97 100

99 64.6 51.5 77.3

61 45.2 34.3 51.5



#30

Cyclohexane

Concen: 4.117 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV025505.D

Acq: 13 Apr 2022 20:40

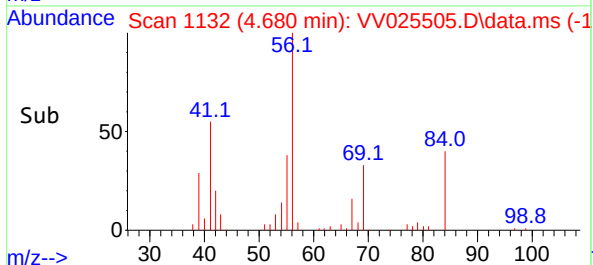
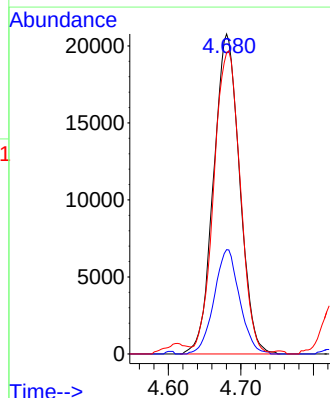
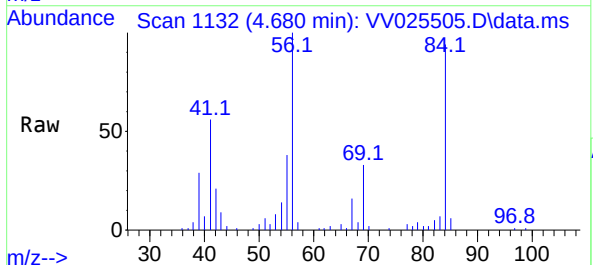
Tgt Ion: 56 Resp: 51825

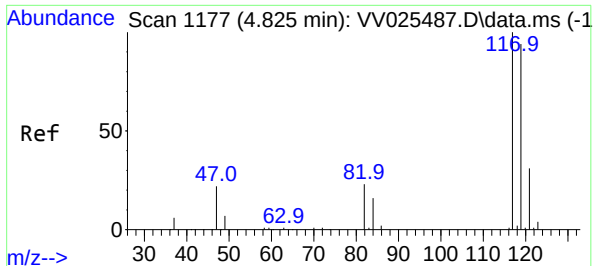
Ion Ratio Lower Upper

56 100

69 31.9 26.1 39.1

84 94.8 78.6 118.0

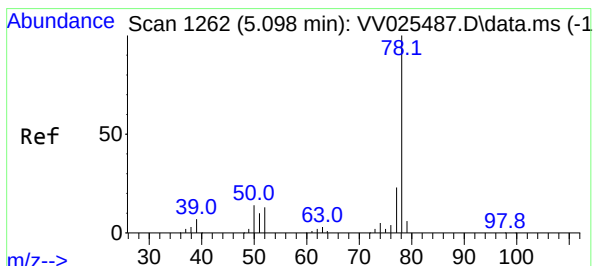
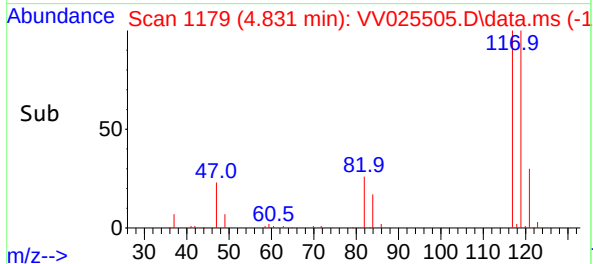
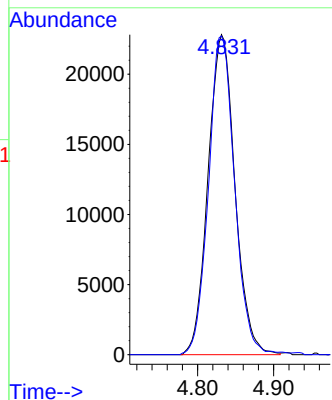
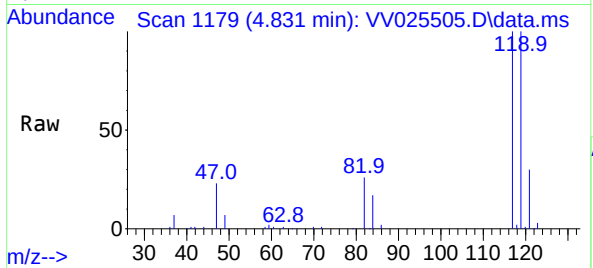




#31
Carbon tetrachloride
Concen: 4.785 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.007 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

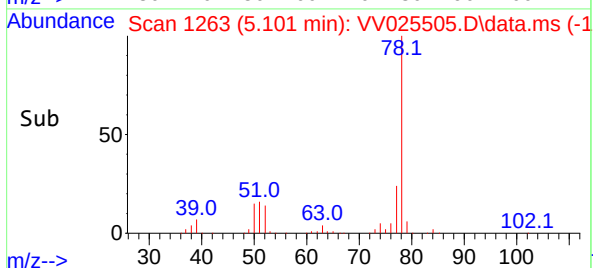
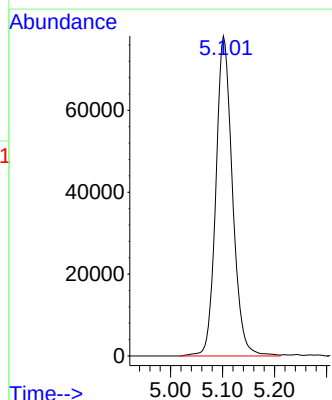
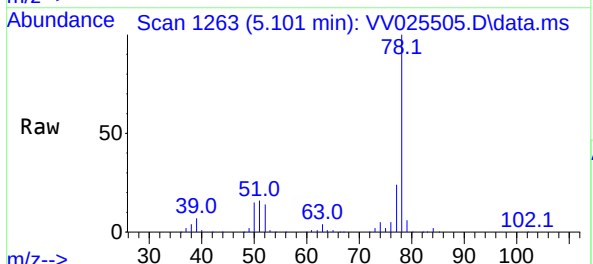
Instrument :
MSVOA_V
ClientSampleId :

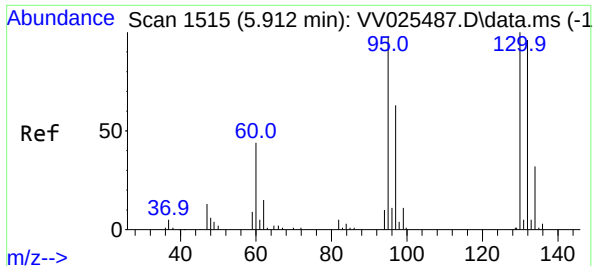
Tgt Ion:117 Resp: 56022
Ion Ratio Lower Upper
117 100
119 96.9 76.6 114.8



#33
Benzene
Concen: 5.002 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

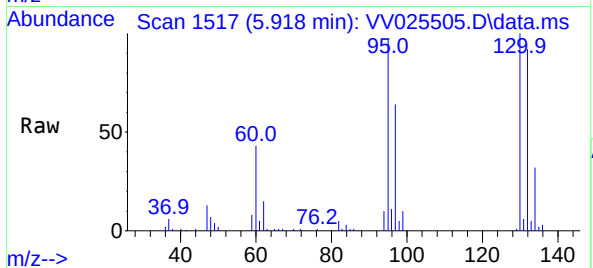
Tgt Ion: 78 Resp: 173442



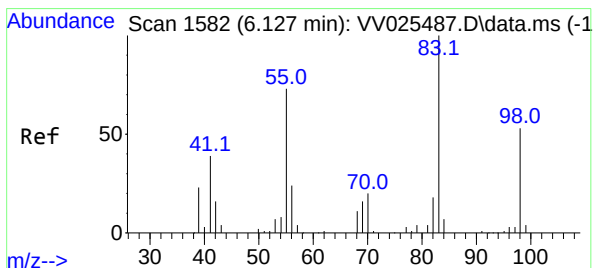
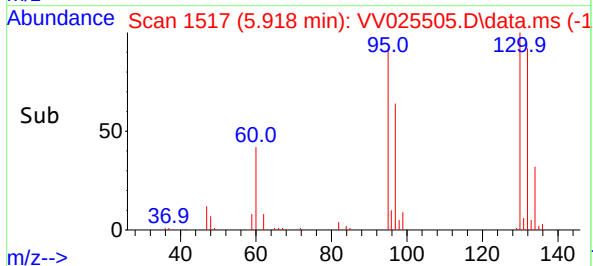
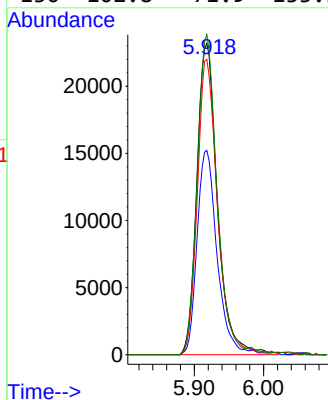


#34
Trichloroethene
Concen: 5.199 ug/L
RT: 5.918 min Scan# 1515
Delta R.T. 0.007 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Instrument :
MSVOA_V
ClientSampleId :

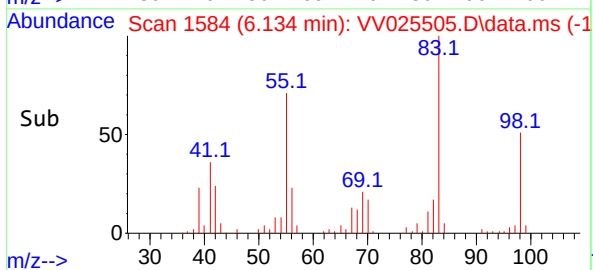
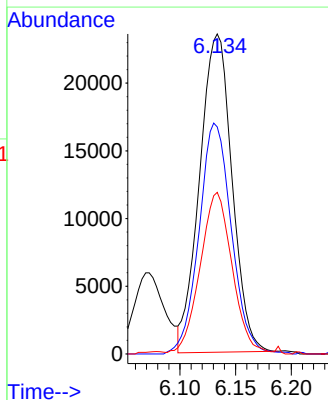
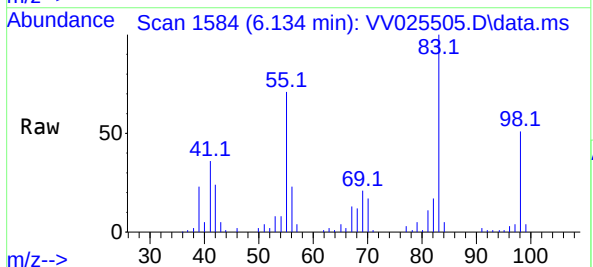


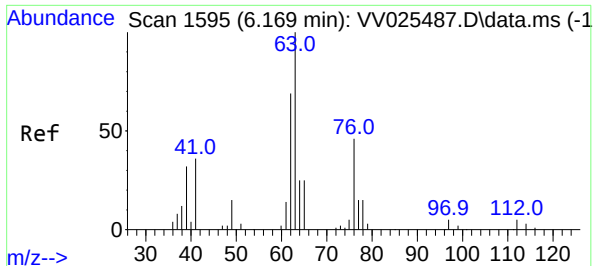
Tgt Ion: 95 Resp: 47863
Ion Ratio Lower Upper
95 100
97 65.6 45.8 85.2
132 94.9 68.0 126.4
130 102.8 71.9 133.5



#35
Methylcyclohexane
Concen: 3.241 ug/L
RT: 6.134 min Scan# 1584
Delta R.T. 0.007 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Tgt Ion: 83 Resp: 47605
Ion Ratio Lower Upper
83 100
55 72.7 53.7 80.5
98 49.0 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.983 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV025505.D

Acq: 13 Apr 2022 20:40

Instrument :

MSVOA_V

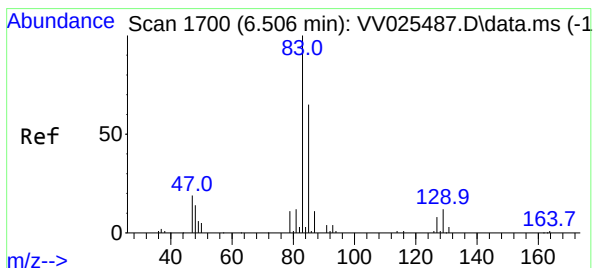
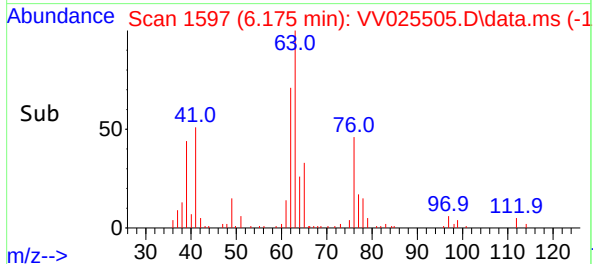
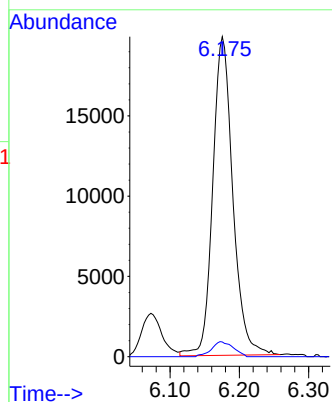
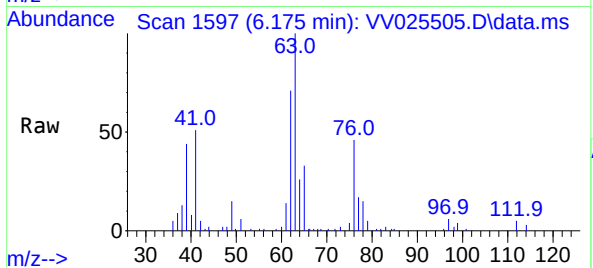
ClientSampleId :

Tgt Ion: 63 Resp: 39967

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 5.065 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.007 min

Lab File: VV025505.D

Acq: 13 Apr 2022 20:40

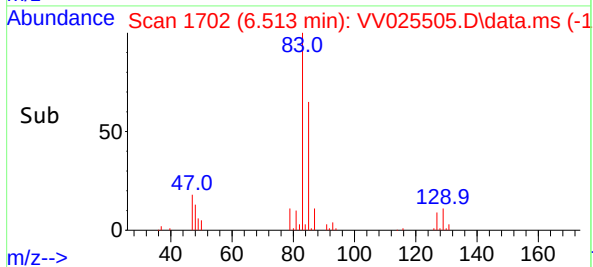
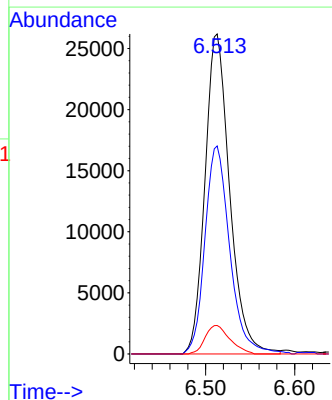
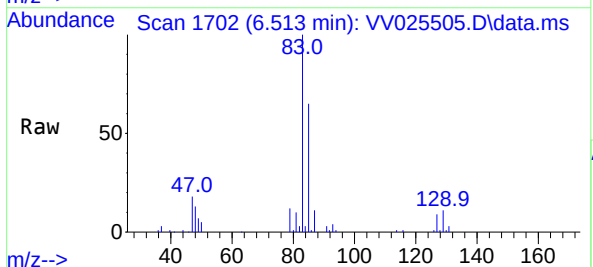
Tgt Ion: 83 Resp: 50438

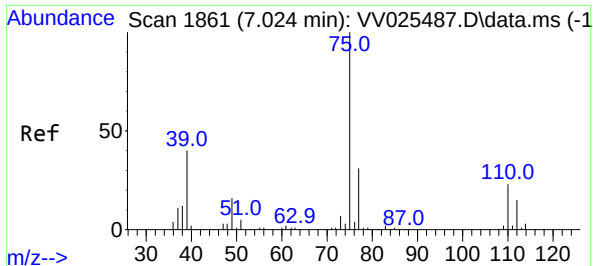
Ion Ratio Lower Upper

83 100

85 65.0 44.4 82.4

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.475 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.007 min

Lab File: VV025505.D

Acq: 13 Apr 2022 20:40

Instrument :

MSVOA_V

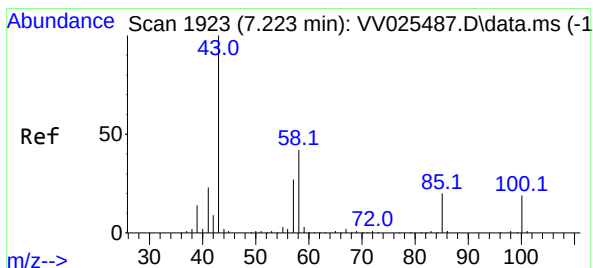
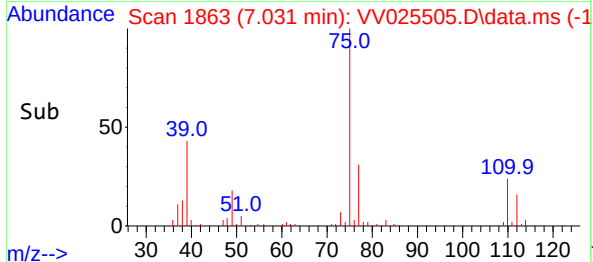
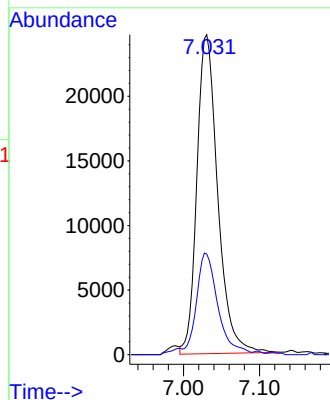
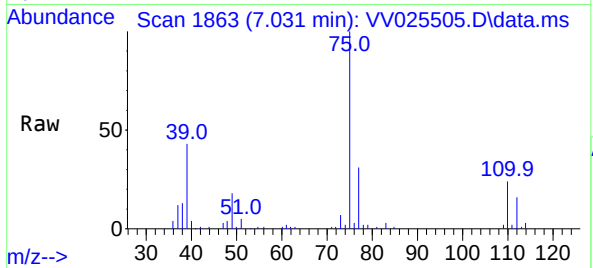
ClientSampleId :

Tgt Ion: 75 Resp: 47047

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 51.814 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025505.D

Acq: 13 Apr 2022 20:40

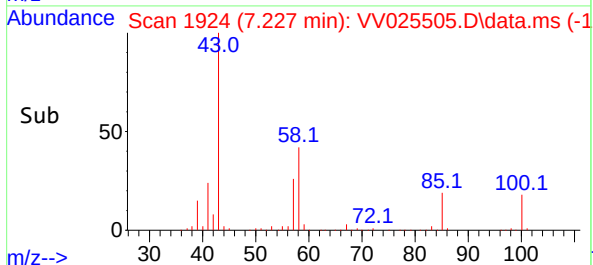
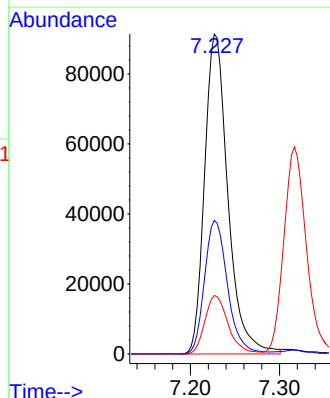
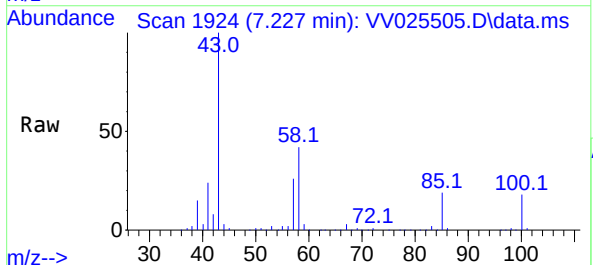
Tgt Ion: 43 Resp: 166415

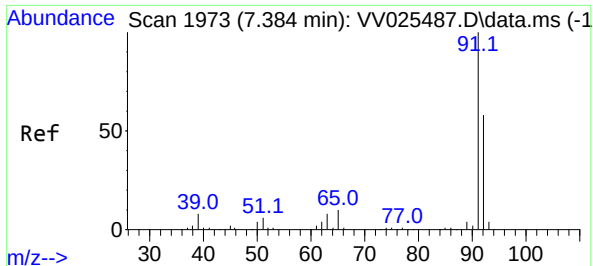
Ion Ratio Lower Upper

43 100

58 41.1 35.1 52.7

100 18.3 15.3 22.9





#42

Toluene

Concen: 4.720 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025505.D

Acq: 13 Apr 2022 20:40

Instrument :

MSVOA_V

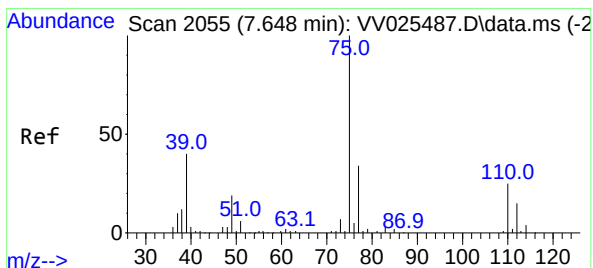
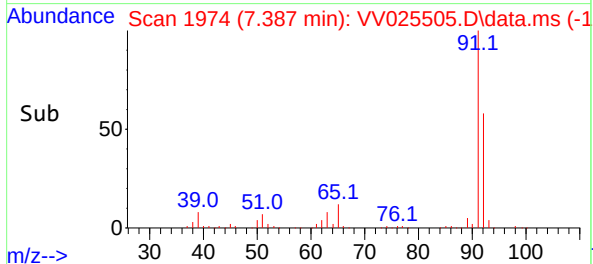
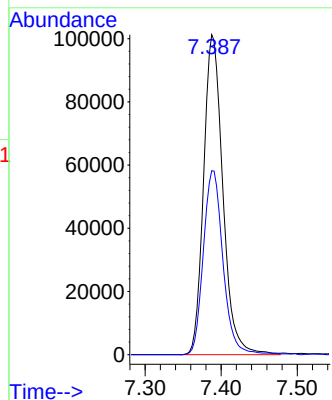
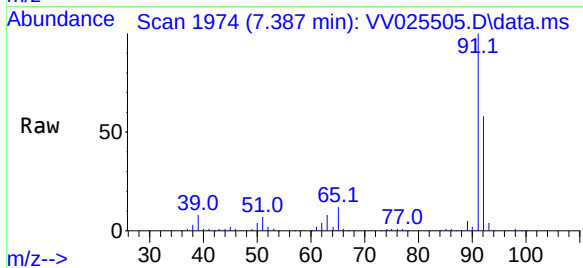
ClientSampleId :

Tgt Ion: 91 Resp: 178034

Ion Ratio Lower Upper

91 100

92 57.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.625 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025505.D

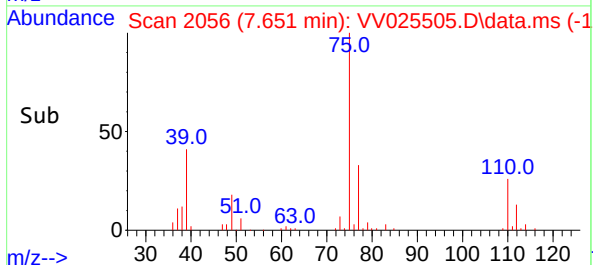
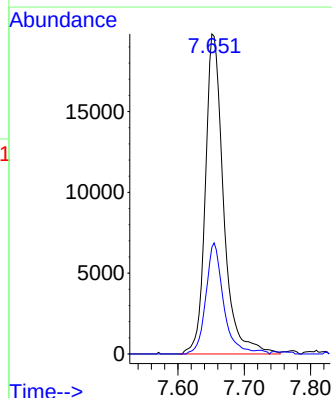
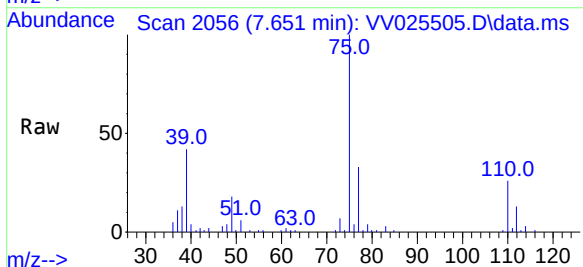
Acq: 13 Apr 2022 20:40

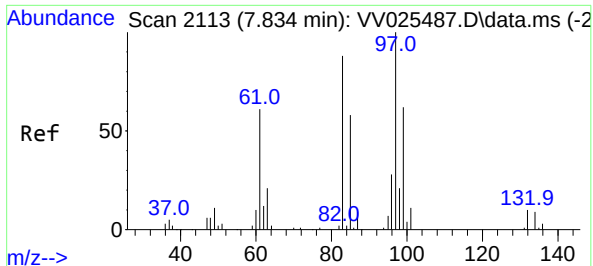
Tgt Ion: 75 Resp: 37773

Ion Ratio Lower Upper

75 100

77 33.4 21.7 40.3



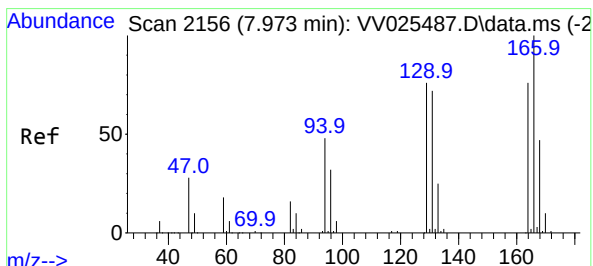
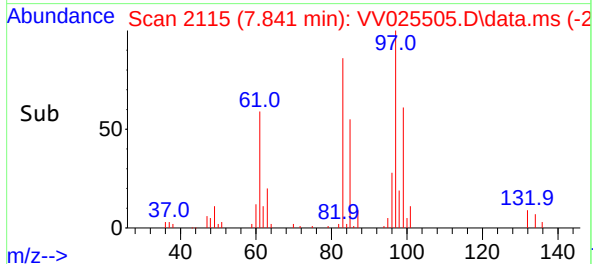
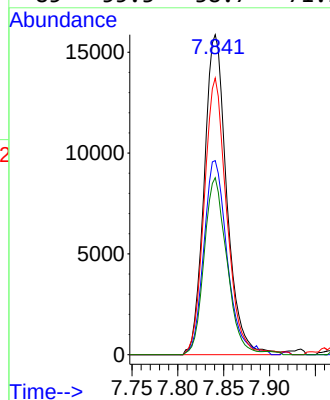
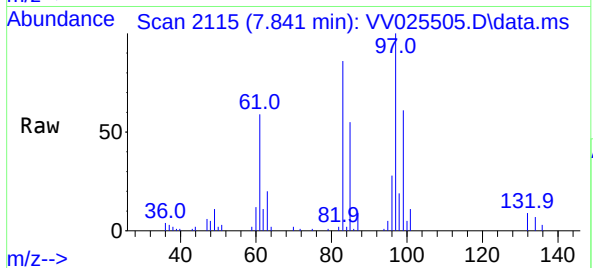


#45
1,1,2-Trichloroethane
Concen: 5.077 ug/L
RT: 7.841 min Scan# 2113
Delta R.T. 0.007 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 27272

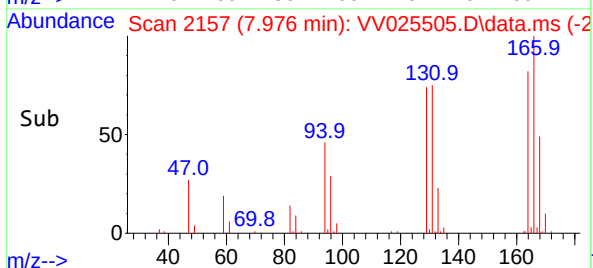
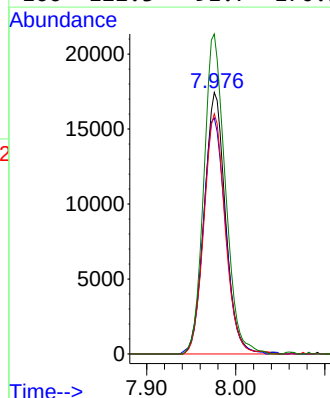
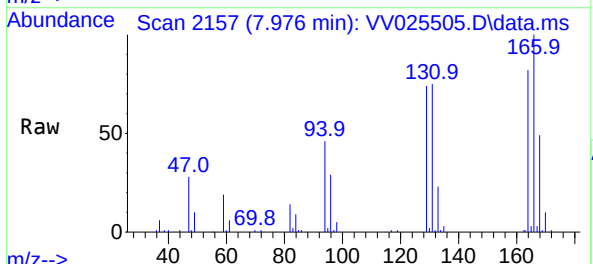
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.8	81.4
83	86.4	60.3	112.1
85	55.3	38.7	71.9

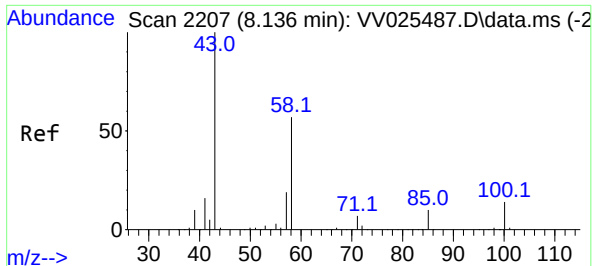


#47
Tetrachloroethene
Concen: 4.020 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Tgt Ion: 164 Resp: 28976

Ion	Ratio	Lower	Upper
164	100		
129	90.2	66.8	124.2
131	91.8	66.4	123.4
166	122.3	91.7	170.3

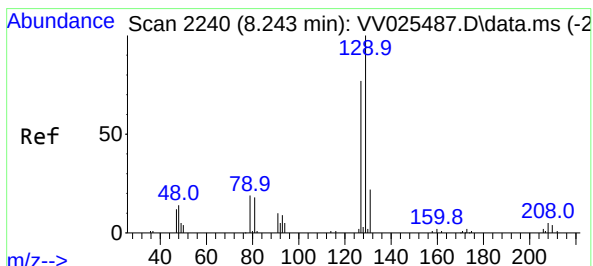
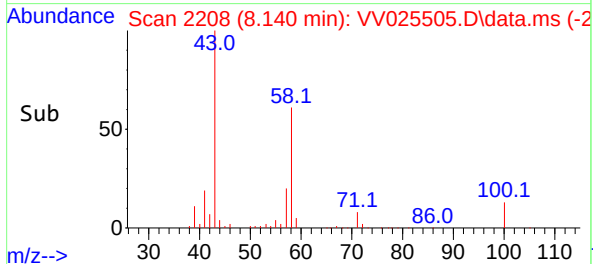
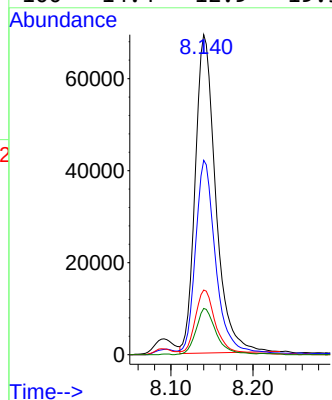
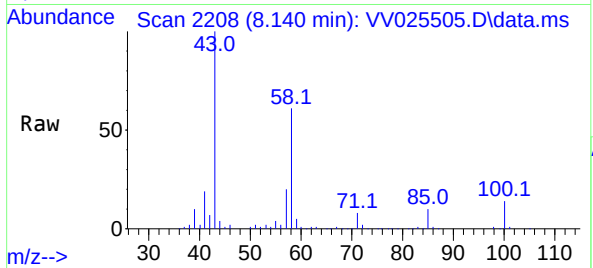




#48
2-Hexanone
Concen: 53.704 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

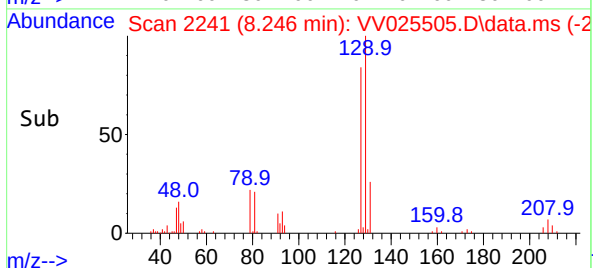
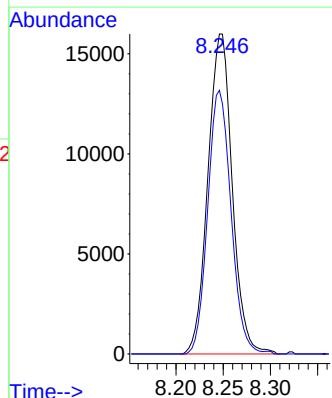
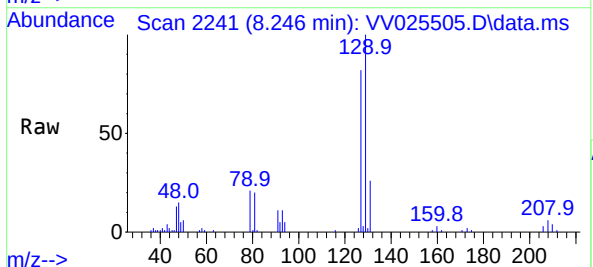
Instrument :
MSVOA_V
ClientSampleId :

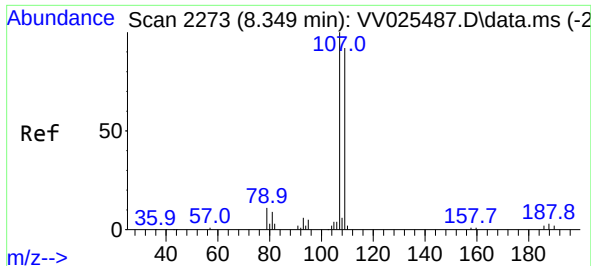
Tgt Ion: 43 Resp: 120205
Ion Ratio Lower Upper
43 100
58 60.0 49.7 74.5
57 20.6 16.4 24.6
100 14.4 12.9 19.3



#49
Dibromochloromethane
Concen: 4.857 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Tgt Ion: 129 Resp: 28643
Ion Ratio Lower Upper
129 100
127 82.4 53.8 100.0





#50

1,2-Dibromoethane

Concen: 4.865 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.007 min

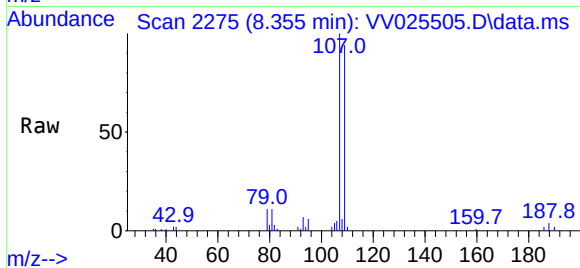
Lab File: VV025505.D

Acq: 13 Apr 2022 20:40

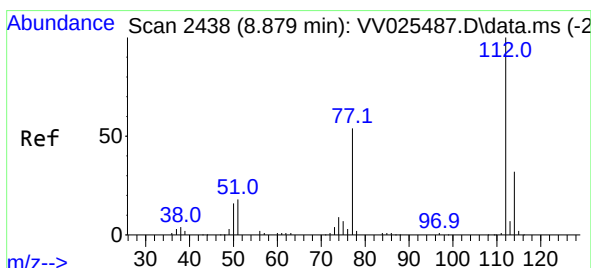
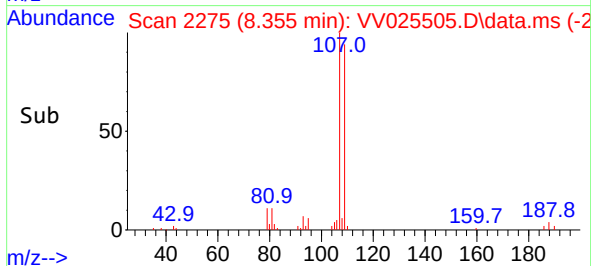
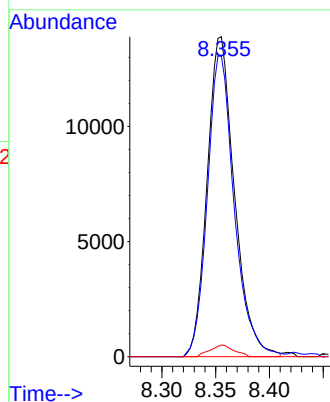
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	24548
Ion	Ratio	Lower	Upper
107	100		
109	94.0	65.9	122.3
188	3.7	2.7	4.1



#51

Chlorobenzene

Concen: 4.668 ug/L

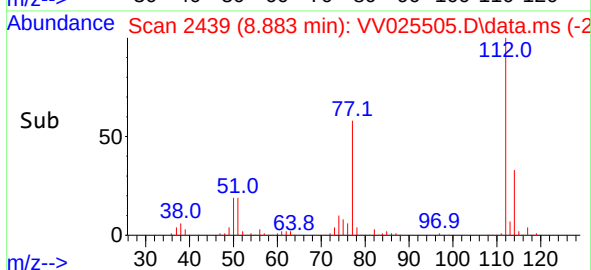
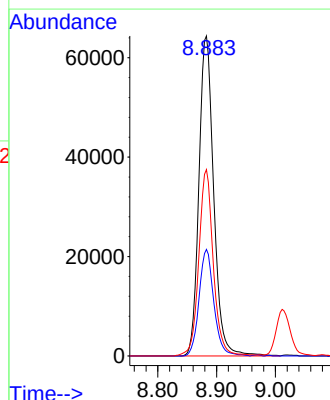
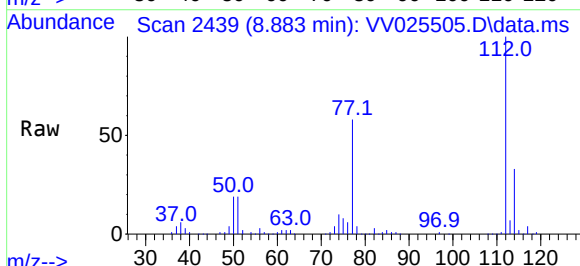
RT: 8.883 min Scan# 2439

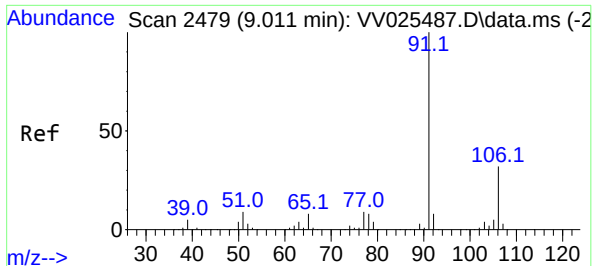
Delta R.T. 0.003 min

Lab File: VV025505.D

Acq: 13 Apr 2022 20:40

Tgt Ion:	112	Resp:	112412
Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.4	41.6
77	58.3	43.7	65.5

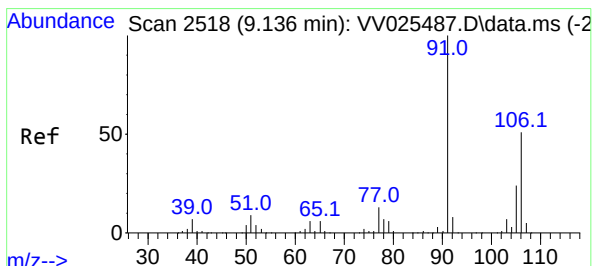
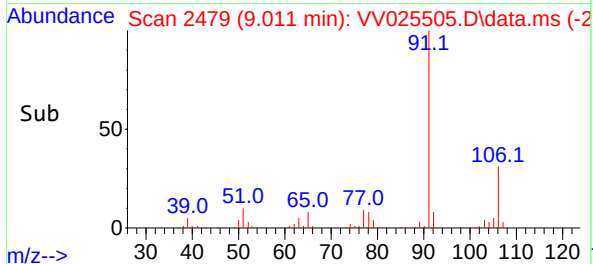
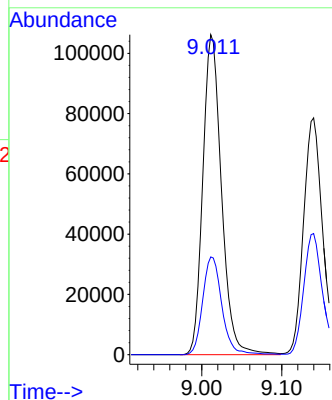
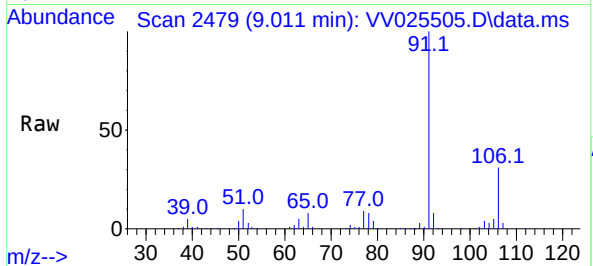




#52
Ethylbenzene
Concen: 4.295 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

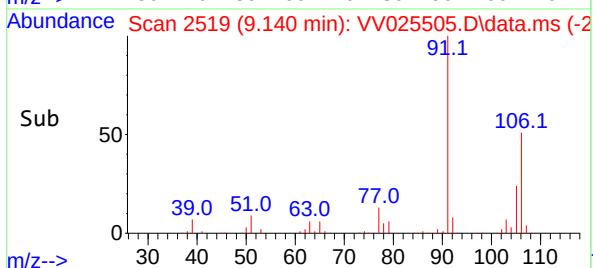
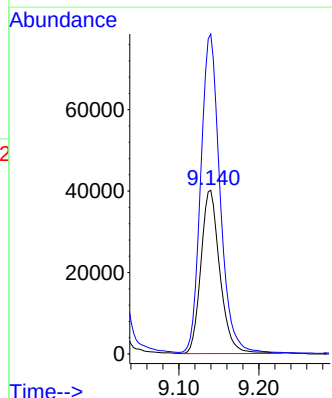
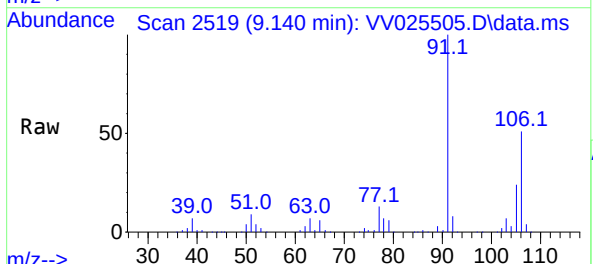
Instrument :
MSVOA_V
ClientSampleId :

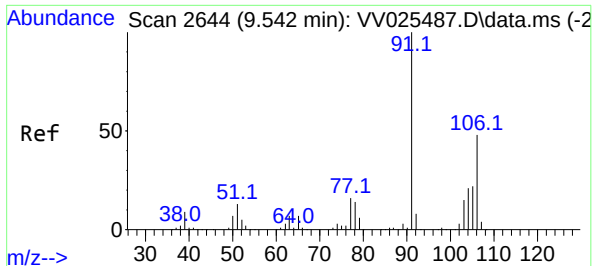
Tgt Ion: 91 Resp: 172750
Ion Ratio Lower Upper
91 100
106 30.6 22.3 41.3



#53
m,p-Xylene
Concen: 4.318 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Tgt Ion: 106 Resp: 66044
Ion Ratio Lower Upper
106 100
91 195.5 136.4 253.4

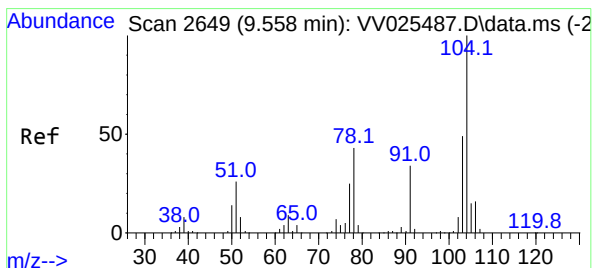
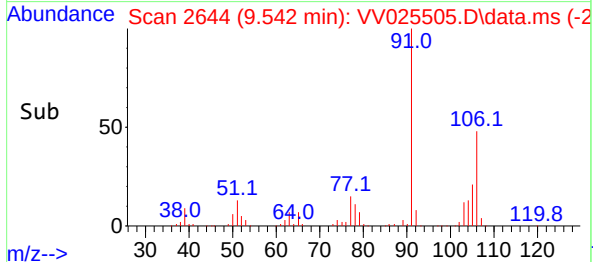
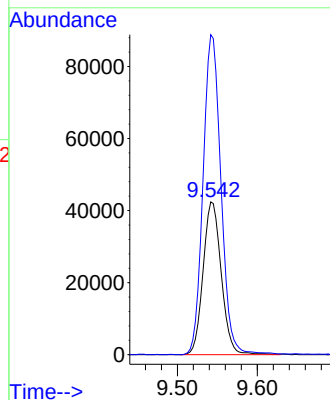
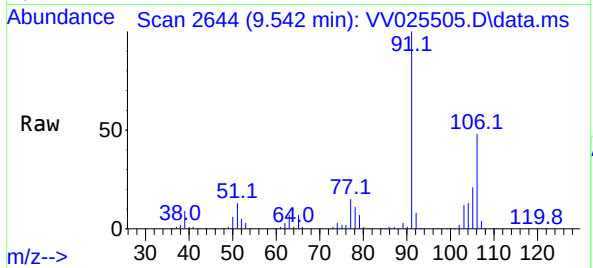




#54
o-Xylene
Concen: 4.517 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

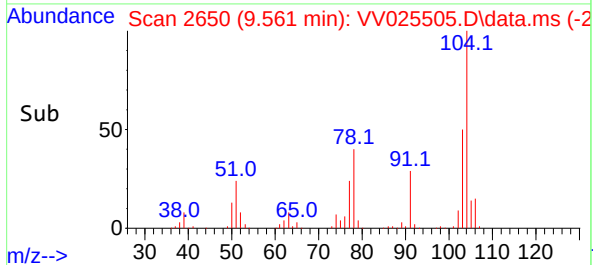
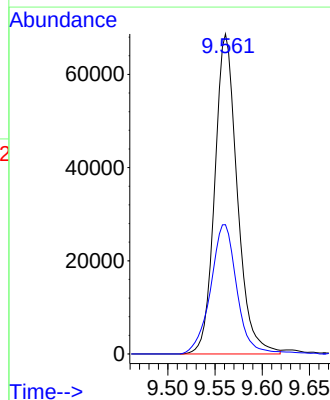
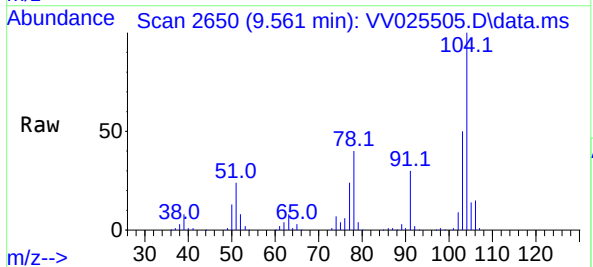
Instrument :
MSVOA_V
ClientSampleId :

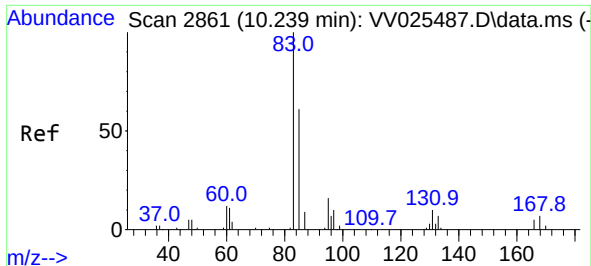
Tgt Ion:106 Resp: 67097
Ion Ratio Lower Upper
106 100
91 209.5 150.4 279.2



#55
Styrene
Concen: 4.704 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Tgt Ion:104 Resp: 113638
Ion Ratio Lower Upper
104 100
78 40.4 28.3 52.7

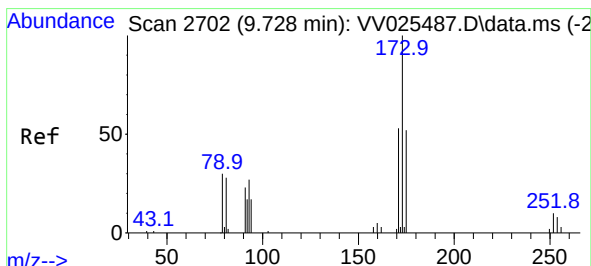
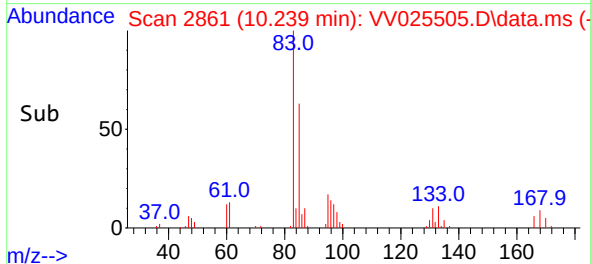
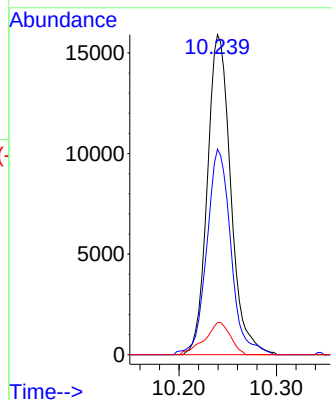
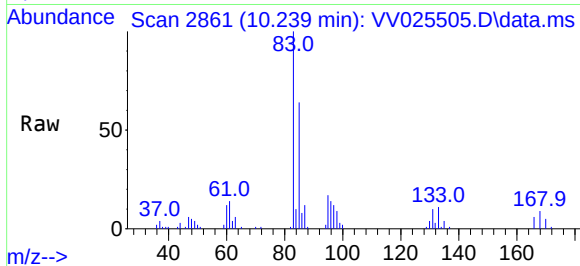




#57
1,1,2,2-Tetrachloroethane
Concen: 4.953 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

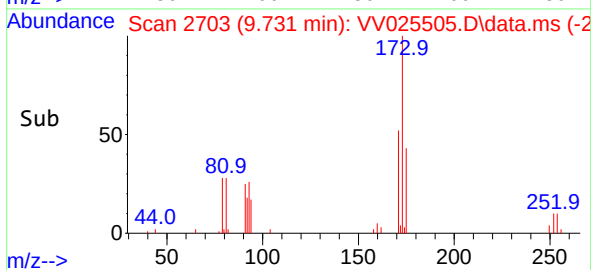
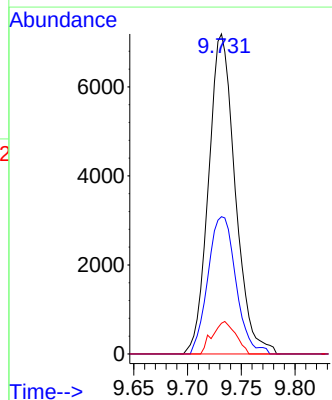
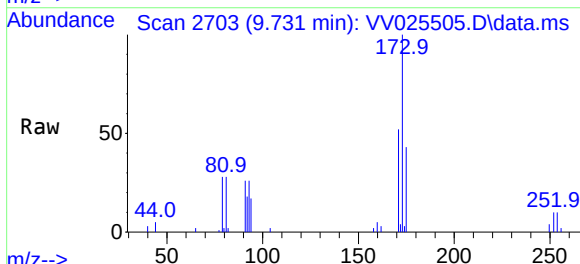
Instrument :
MSVOA_V
ClientSampleId :

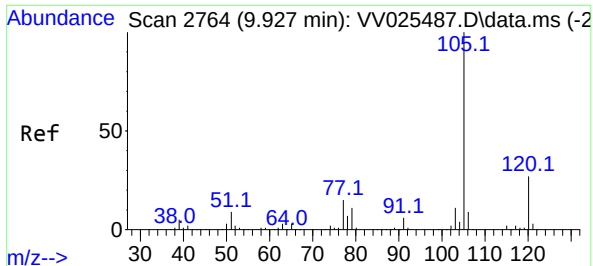
Tgt Ion:	83	Resp:	26581
Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.1	83.9
131	10.0	7.9	11.9



#59
Bromoform
Concen: 4.931 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Tgt Ion:	173	Resp:	12388
Ion	Ratio	Lower	Upper
173	100		
175	45.0	40.8	61.2
254	8.9	7.0	10.6

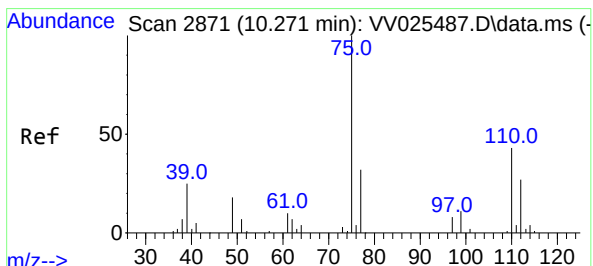
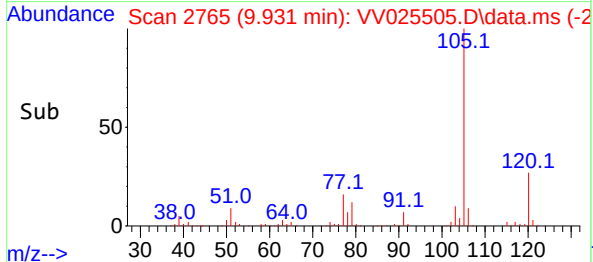
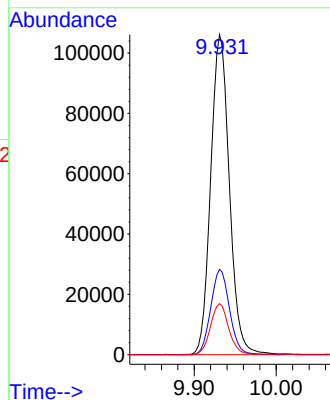
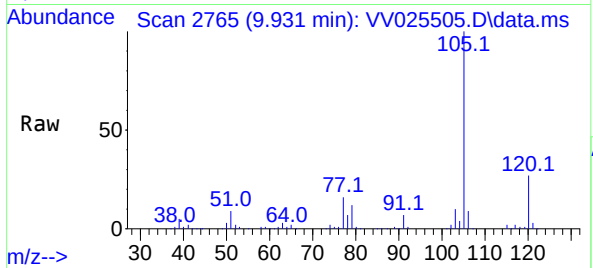




#60
Isopropylbenzene
Concen: 4.449 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

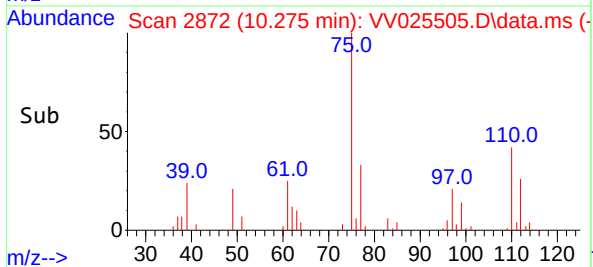
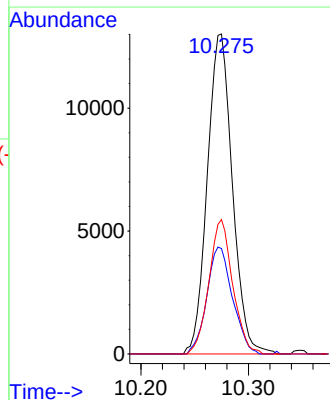
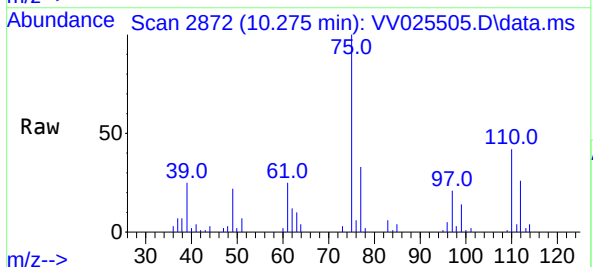
Instrument :
MSVOA_V
ClientSampleId :

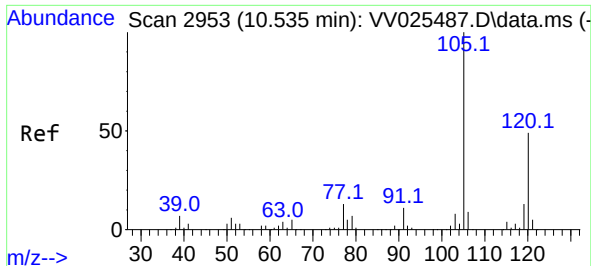
Tgt Ion:105 Resp: 167626
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 15.6 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.264 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Tgt Ion: 75 Resp: 21104
Ion Ratio Lower Upper
75 100
77 34.1 25.6 38.4
110 39.9 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 4.088 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025505.D

Acq: 13 Apr 2022 20:40

Instrument :

MSVOA_V

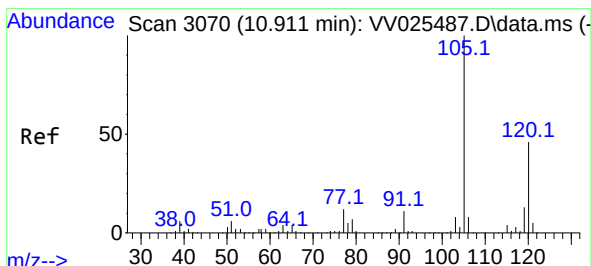
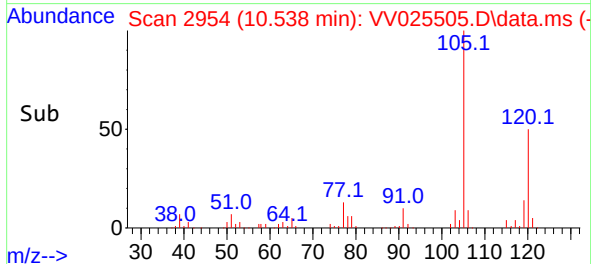
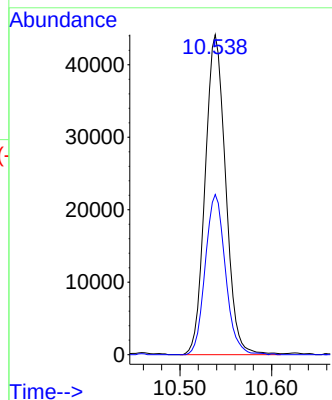
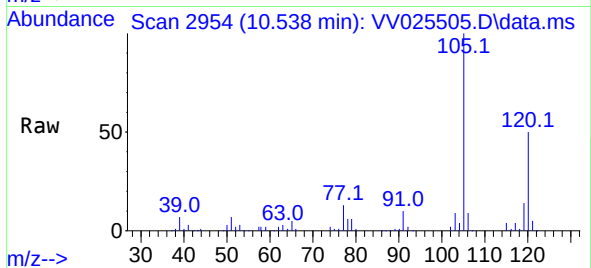
ClientSampleId :

Tgt Ion:105 Resp: 68678

Ion Ratio Lower Upper

105 100

120 49.2 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.122 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025505.D

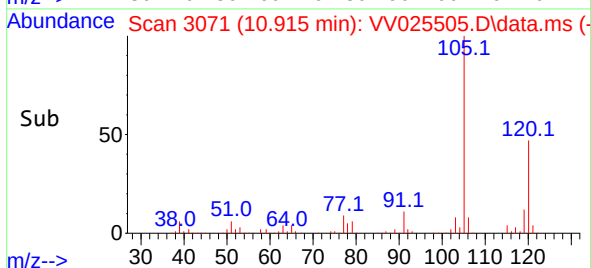
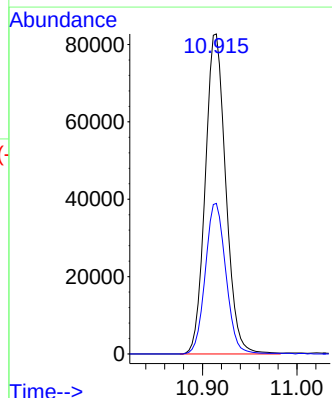
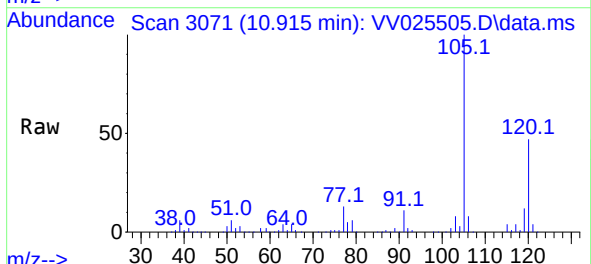
Acq: 13 Apr 2022 20:40

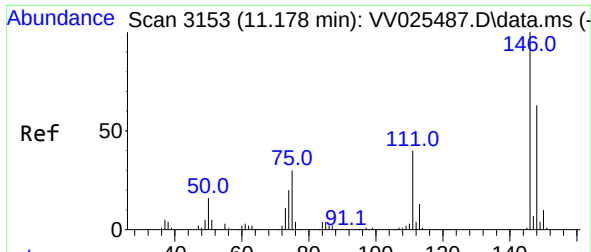
Tgt Ion:105 Resp: 124770

Ion Ratio Lower Upper

105 100

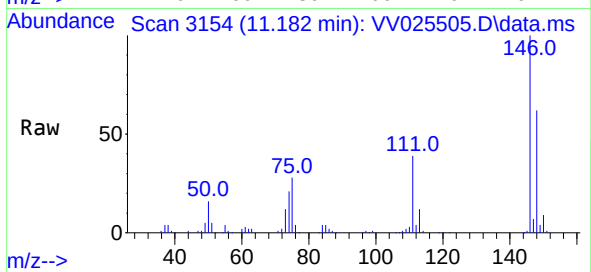
120 47.1 36.6 55.0



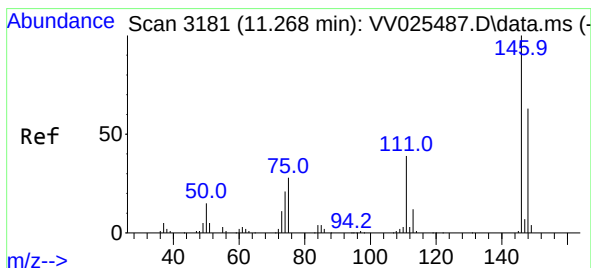
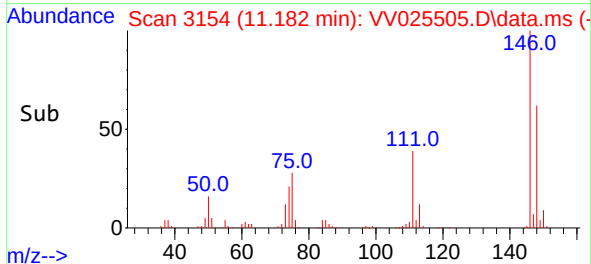
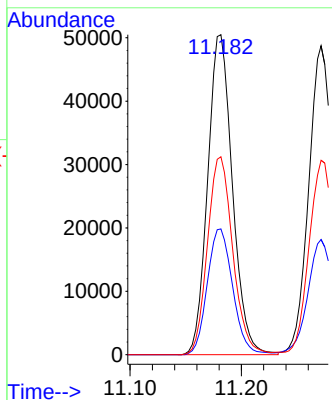


#64
1,3-Dichlorobenzene
Concen: 4.433 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Instrument :
MSVOA_V
ClientSampleId :

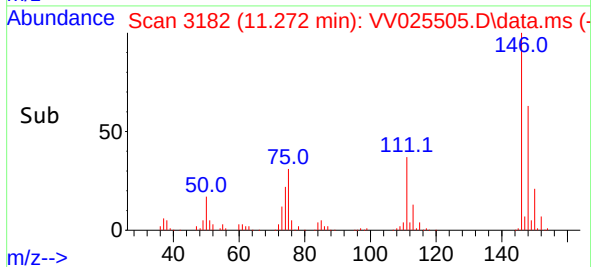
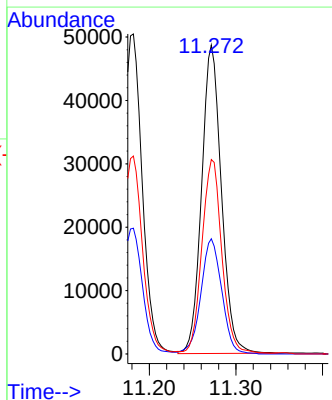
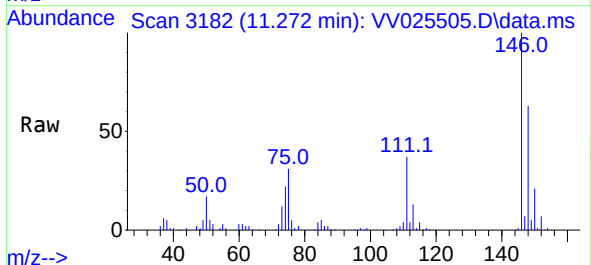


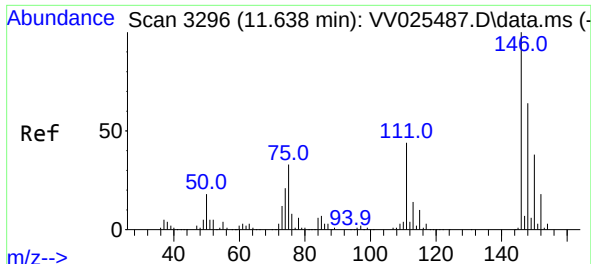
Tgt Ion:146 Resp: 77966
Ion Ratio Lower Upper
146 100
111 39.3 27.4 50.8
148 61.9 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.327 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

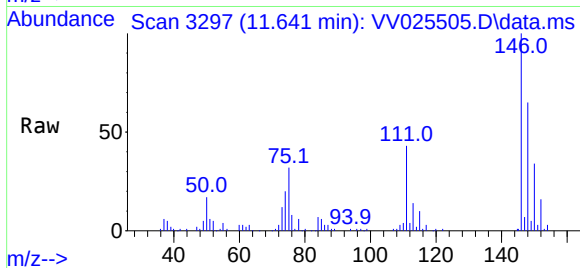
Tgt Ion:146 Resp: 77242
Ion Ratio Lower Upper
146 100
111 37.3 26.7 49.7
148 62.9 42.8 79.6



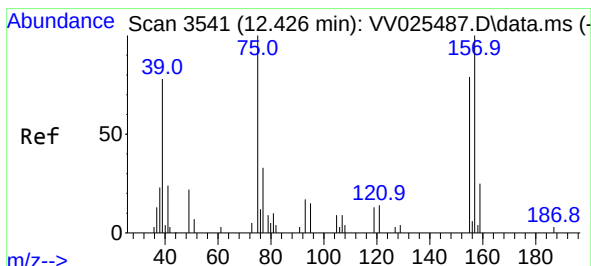
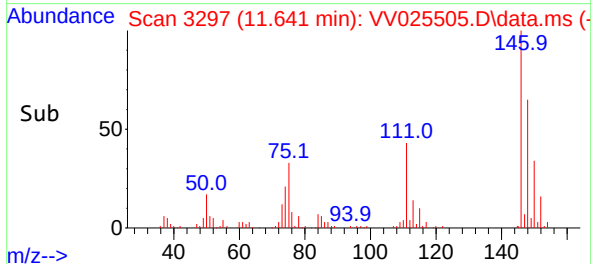
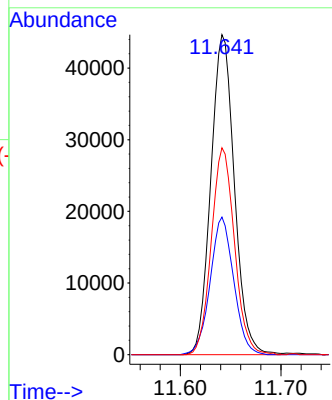


#67
1,2-Dichlorobenzene
Concen: 4.665 ug/L
RT: 11.641 min Scan# 3296
Delta R.T. 0.003 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Instrument :
MSVOA_V
ClientSampleId :

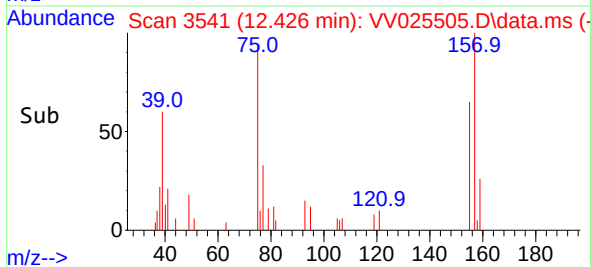
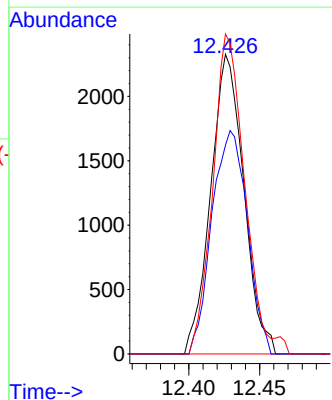
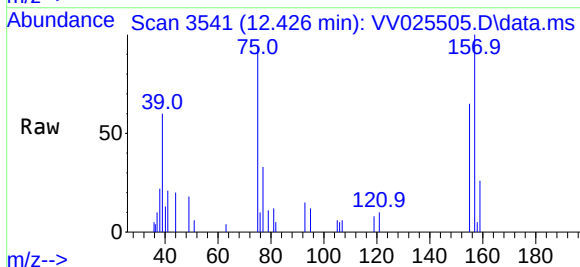


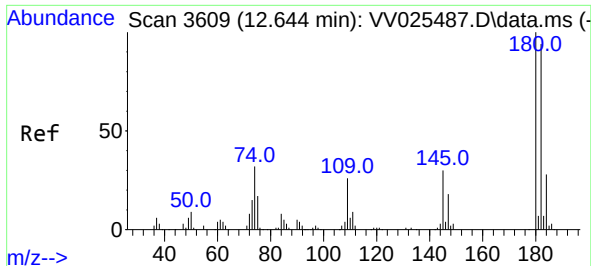
Tgt Ion:146 Resp: 72657
Ion Ratio Lower Upper
146 100
111 43.0 33.6 50.4
148 64.7 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.438 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

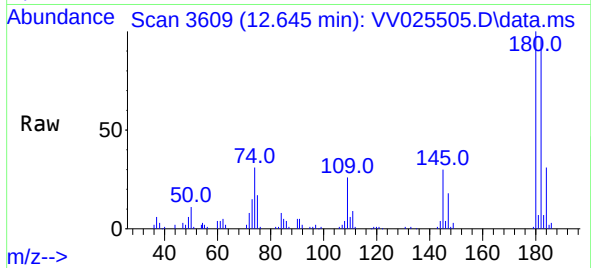
Tgt Ion: 75 Resp: 3769
Ion Ratio Lower Upper
75 100
155 69.7 65.8 98.8
157 106.8 86.6 130.0





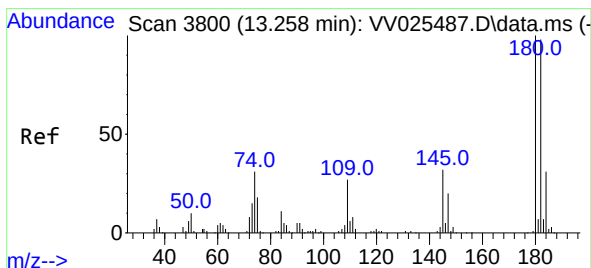
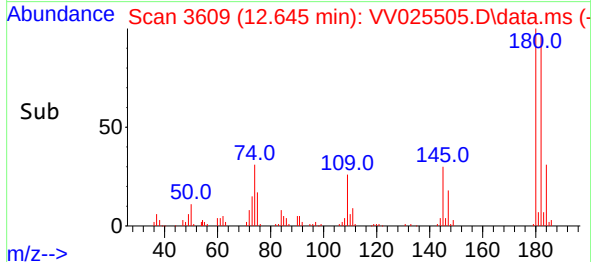
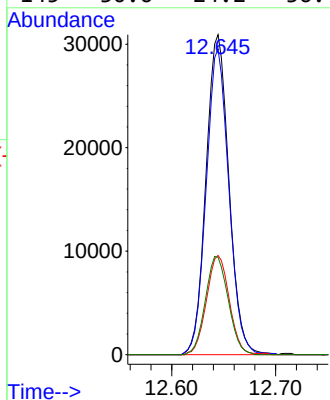
#69
1,3,5-Trichlorobenzene
Concen: 3.543 ug/L
RT: 12.645 min Scan# 30
Delta R.T. 0.000 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 47404

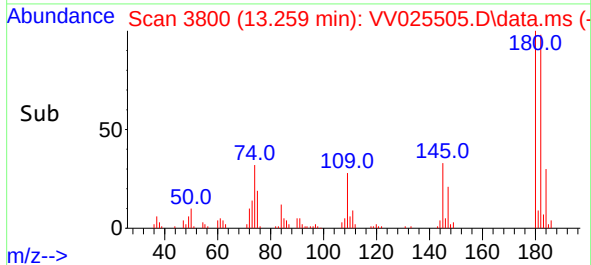
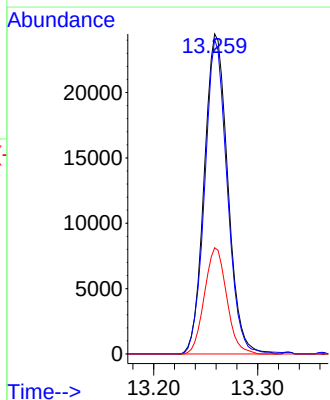
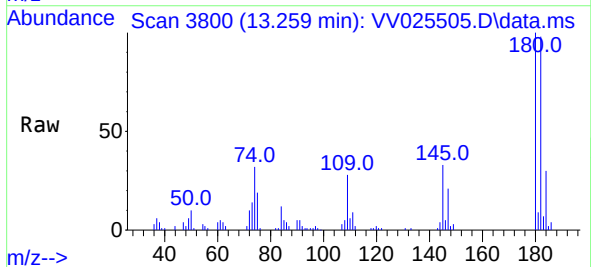
Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.3	112.9
184	30.8	23.4	35.2
145	30.6	24.2	36.4

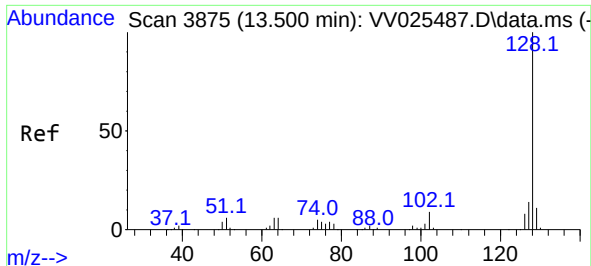


#70
1,2,4-trichlorobenzene
Concen: 3.731 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Tgt Ion:180 Resp: 38483

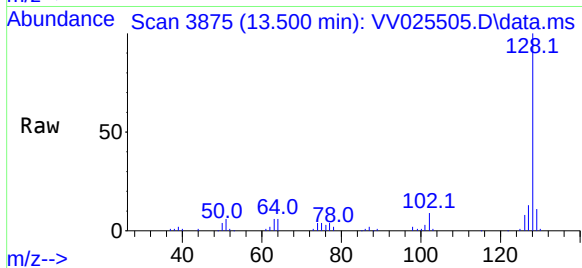
Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.6	114.8
145	31.3	24.6	36.8



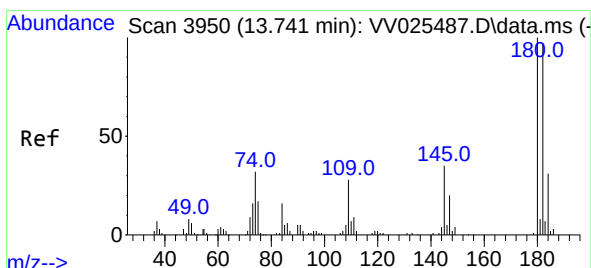
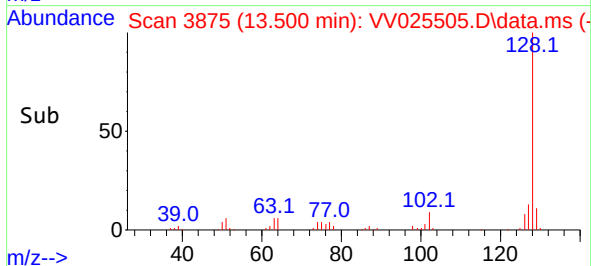
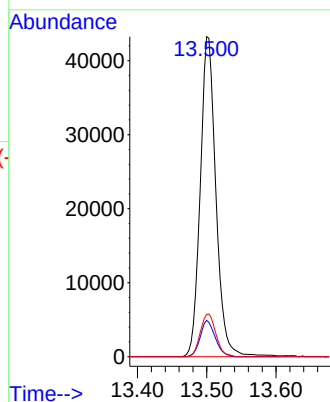


#71
Naphthalene
Concen: 4.497 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 68049
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.175 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025505.D
Acq: 13 Apr 2022 20:40

Tgt Ion:180 Resp: 35660
Ion Ratio Lower Upper
180 100
182 97.0 77.7 116.5
145 32.9 27.4 41.2

