

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061322\
 Data File : VW026199.D
 Acq On : 13 Jun 2022 10:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 02:31:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	194753	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	188621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	97242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	103697	4.072	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.400%	
7) Chloroethane-d5	1.577	69	81886	4.082	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.600%	
11) 1,1-Dichloroethene-d2	2.117	63	170573	4.165	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.400%	
20) 2-Butanone-d5	3.918	46	109707	57.739	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.480%	
24) Chloroform-d	4.355	84	154277	4.271	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
26) 1,2-Dichloroethane-d4	5.037	65	68278	4.689	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.053	84	317860	4.323	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
36) 1,2-Dichloropropane-d6	6.072	67	91288	4.305	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.200%	
41) Toluene-d8	7.317	98	292003	4.460	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	7.622	79	29316	4.580	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.600%	
46) 2-Hexanone-d5	8.091	63	99387	49.872	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.740%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	57027	4.514	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	90738	4.163	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.140	85	84568	4.724	ug/L	100
3) Chloromethane	1.252	50	88311	4.545	ug/L	100
5) Vinyl chloride	1.323	62	94337	4.636	ug/L	98
6) Bromomethane	1.532	94	53381	4.489	ug/L	99
8) Chloroethane	1.597	64	56841	4.478	ug/L	99
9) Trichlorofluoromethane	1.764	101	126847	4.628	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	75252	4.832	ug/L	98
12) 1,1-Dichloroethene	2.127	96	68711	4.614	ug/L	92
13) Acetone	2.217	43	54737	50.456	ug/L	99
14) Carbon disulfide	2.304	76	172900	4.572	ug/L	99
15) Methyl Acetate	2.455	43	15951	5.035	ug/L #	90
16) Methylene chloride	2.516	84	80088	5.218	ug/L	98
17) Methyl tert-butyl Ether	2.780	73	121629	5.023	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	64849	4.542	ug/L	99
19) 1,1-Dichloroethane	3.198	63	125025	4.563	ug/L	98
21) 2-Butanone	4.002	43	84913	57.503	ug/L	86
22) cis-1,2-Dichloroethene	3.921	96	67448	4.696	ug/L	96
23) Bromochloromethane	4.256	128	30410	5.070	ug/L	92
25) Chloroform	4.381	83	133792	4.672	ug/L	97

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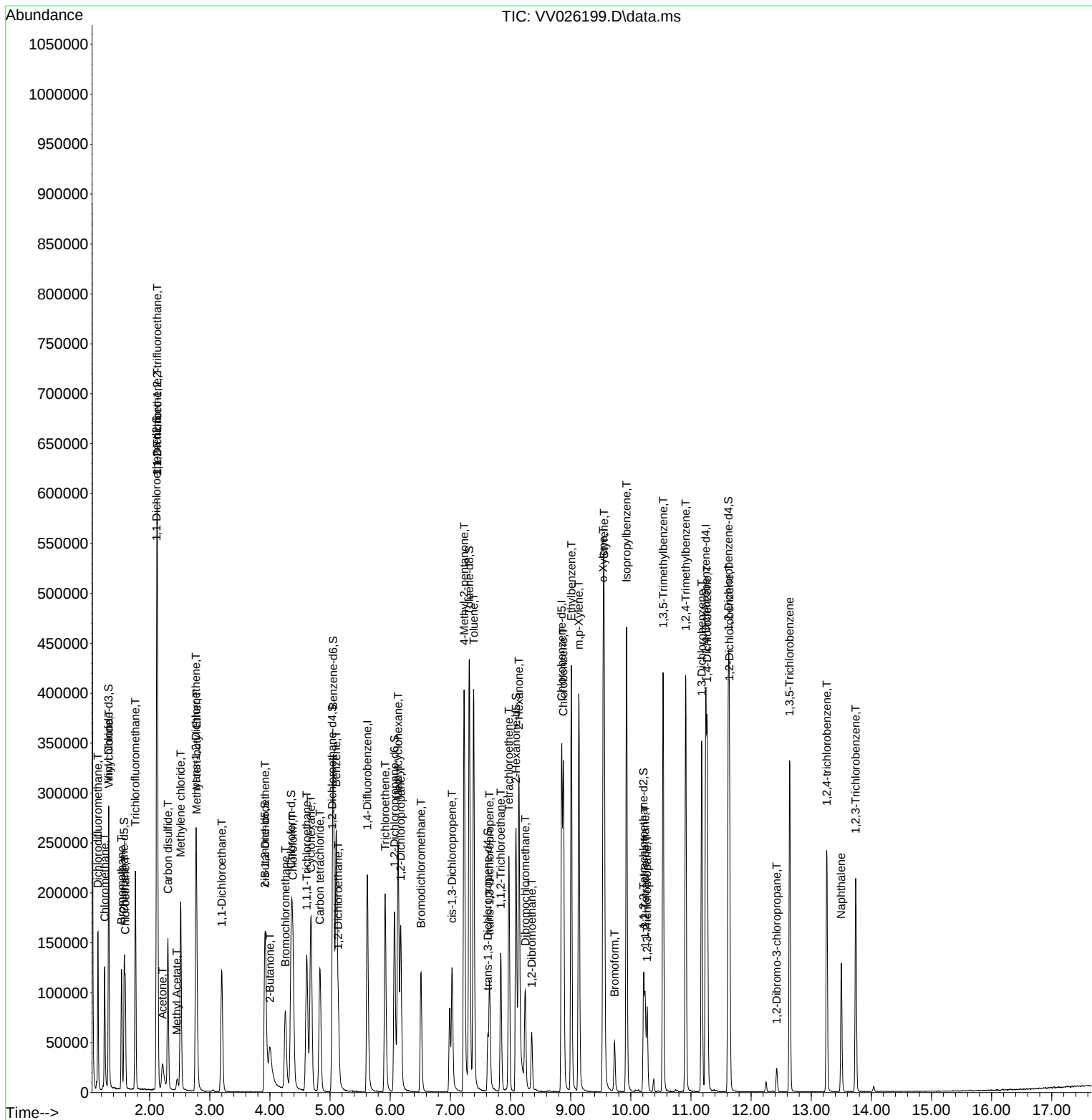
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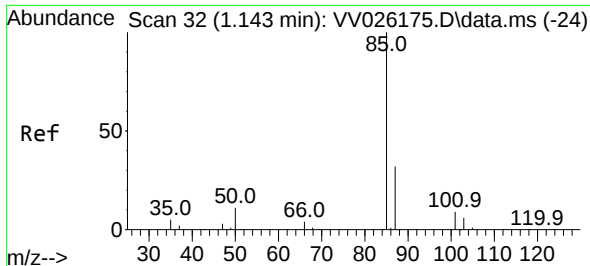
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:52:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	64578	4.852	ug/L	99
29) 1,1,1-Trichloroethane	4.612	97	111844	4.522	ug/L	99
30) Cyclohexane	4.683	56	89063	4.702	ug/L	99
31) Carbon tetrachloride	4.831	117	94390	4.722	ug/L	99
33) Benzene	5.101	78	274721	4.816	ug/L	100
34) Trichloroethene	5.918	95	69245	4.494	ug/L	97
35) Methylcyclohexane	6.133	83	98526	4.730	ug/L	99
37) 1,2-Dichloropropane	6.175	63	67861	4.592	ug/L	99
38) Bromodichloromethane	6.513	83	83311	4.733	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	81074	4.917	ug/L	95
40) 4-Methyl-2-pentanone	7.230	43	265198	50.147	ug/L	93
42) Toluene	7.387	91	297168	4.920	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	67812	5.229	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	43985	4.729	ug/L	98
47) Tetrachloroethene	7.972	164	52908	4.782	ug/L	98
48) 2-Hexanone	8.140	43	210387	56.022	ug/L	97
49) Dibromochloromethane	8.246	129	50186	4.943	ug/L	95
50) 1,2-Dibromoethane	8.352	107	40116	5.041	ug/L	95
51) Chlorobenzene	8.879	112	182994	4.712	ug/L	99
52) Ethylbenzene	9.011	91	289721	4.835	ug/L	98
53) m,p-Xylene	9.136	106	115908	5.053	ug/L	97
54) o-Xylene	9.542	106	107917	4.866	ug/L	96
55) Styrene	9.558	104	189489	5.182	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	46040	4.883	ug/L	98
59) Bromoform	9.731	173	22512	4.820	ug/L	99
60) Isopropylbenzene	9.931	105	291308	4.581	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	34895	4.678	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	221222	4.412	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	225090	4.561	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	141191	4.657	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	140714	4.678	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	127552	4.692	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6155	4.701	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	99994	4.692	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	74040	4.826	ug/L	99
71) Naphthalene	13.500	128	104179	4.858	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	62520	4.936	ug/L	94

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

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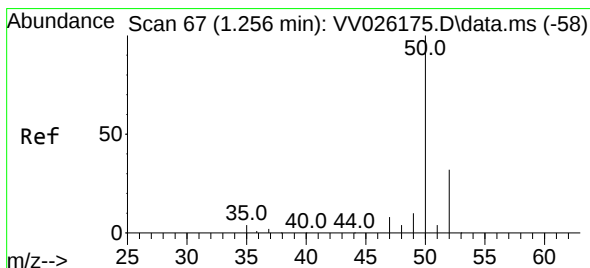
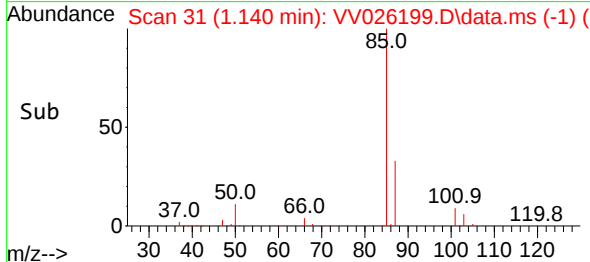
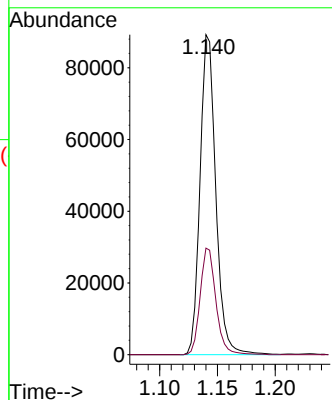
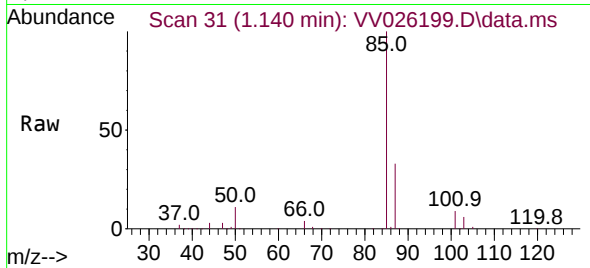




#2
 Dichlorodifluoromethane
 Concen: 4.724 ug/L
 RT: 1.140 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV026199.D
 Acq: 13 Jun 2022 10:08

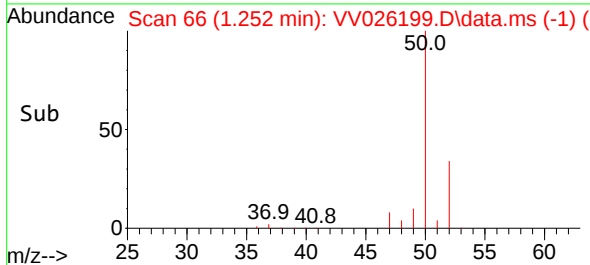
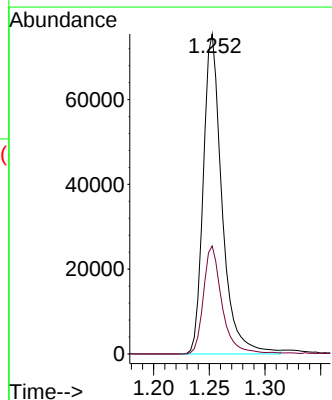
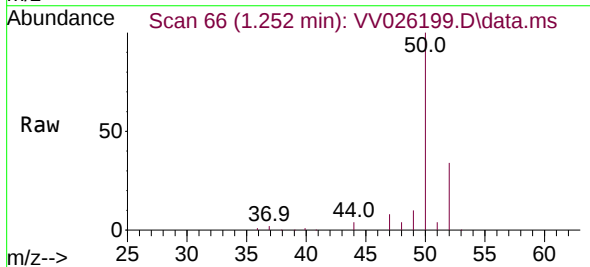
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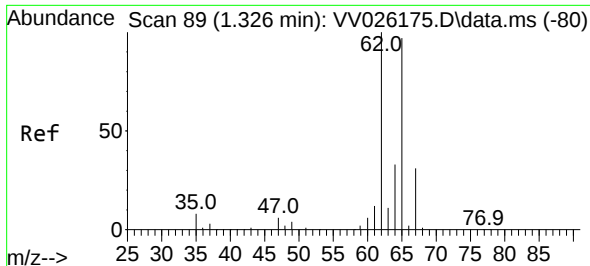
Tgt Ion: 85 Resp: 84568
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.7 40.1



#3
 Chloromethane
 Concen: 4.545 ug/L
 RT: 1.252 min Scan# 66
 Delta R.T. -0.003 min
 Lab File: VV026199.D
 Acq: 13 Jun 2022 10:08

Tgt Ion: 50 Resp: 88311
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.6 43.8

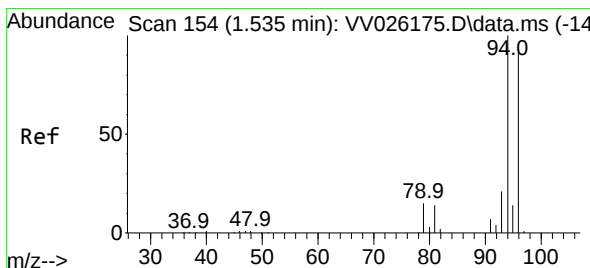
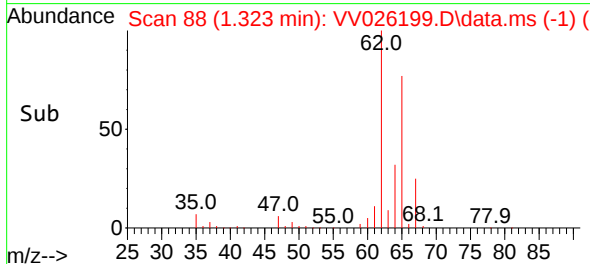
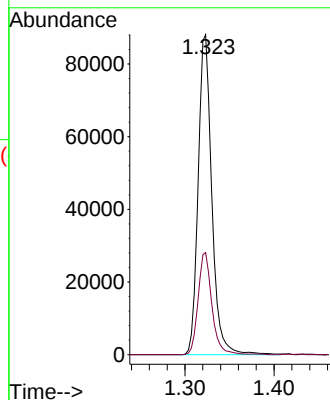
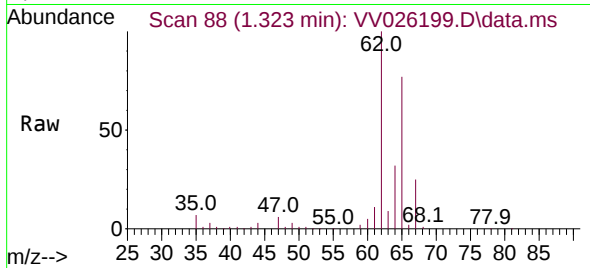




#5
 Vinyl chloride
 Concen: 4.636 ug/L
 RT: 1.323 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV026199.D
 Acq: 13 Jun 2022 10:08

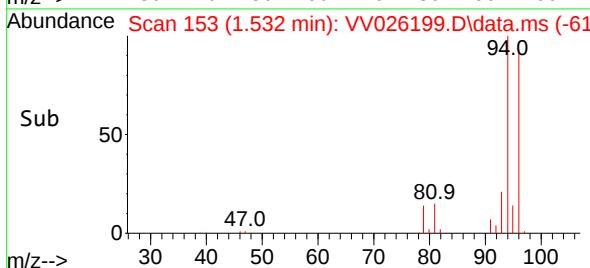
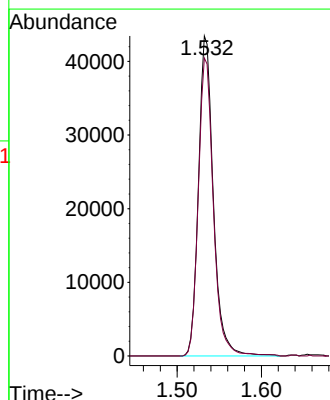
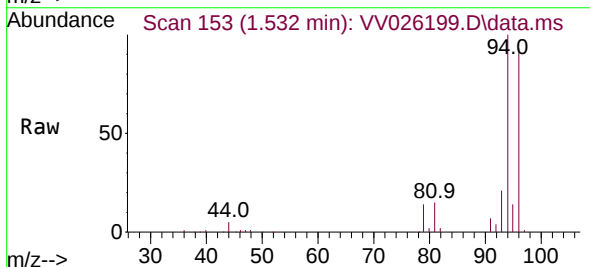
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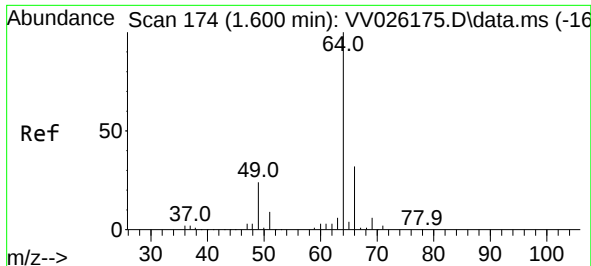
Tgt Ion: 62 Resp: 94337
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.2 43.2



#6
 Bromomethane
 Concen: 4.489 ug/L
 RT: 1.532 min Scan# 153
 Delta R.T. -0.003 min
 Lab File: VV026199.D
 Acq: 13 Jun 2022 10:08

Tgt Ion: 94 Resp: 53381
 Ion Ratio Lower Upper
 94 100
 96 93.1 64.5 119.7

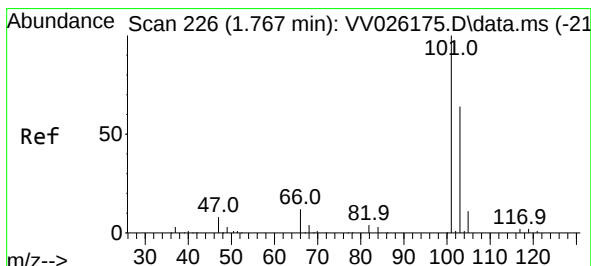
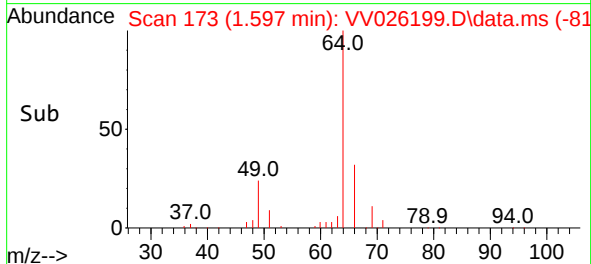
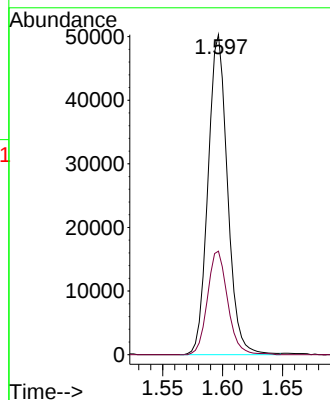
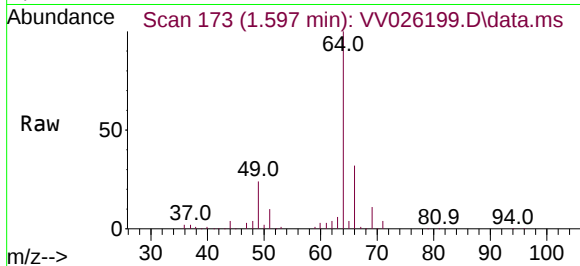




#8
Chloroethane
Concen: 4.478 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

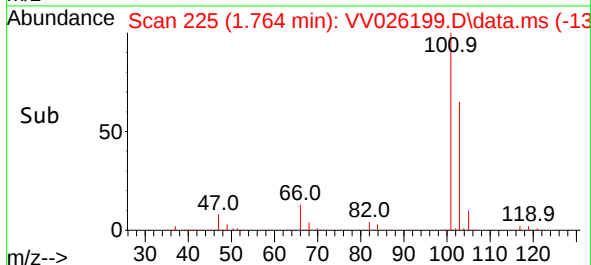
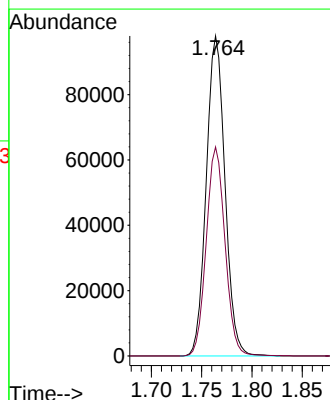
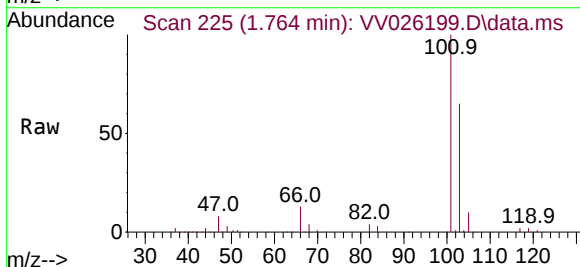
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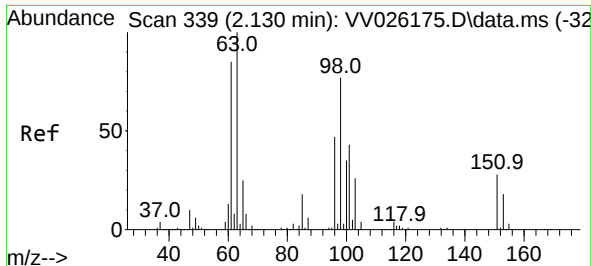
Tgt Ion: 64 Resp: 56841
Ion Ratio Lower Upper
64 100
66 32.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.628 ug/L
RT: 1.764 min Scan# 225
Delta R.T. -0.003 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

Tgt Ion:101 Resp: 126847
Ion Ratio Lower Upper
101 100
103 65.6 52.9 79.3

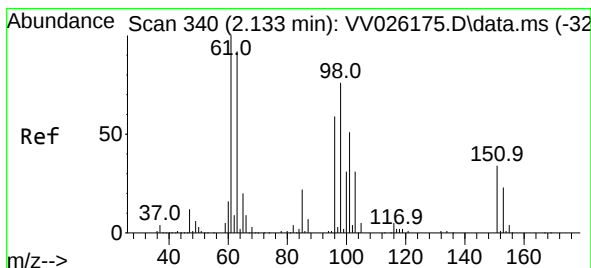
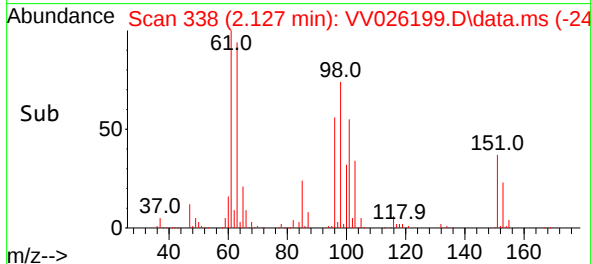
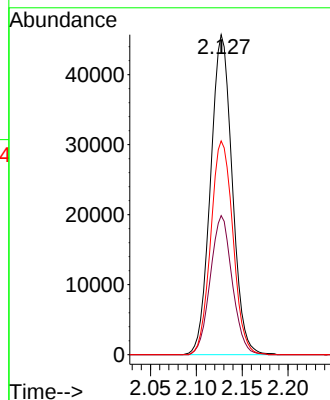
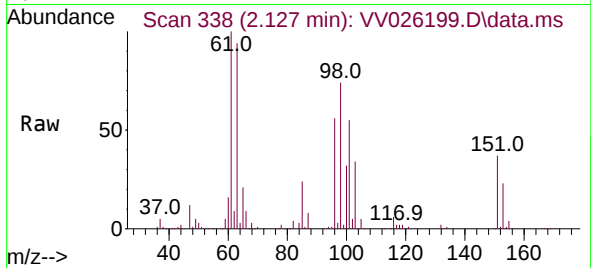




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.832 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. -0.003 min
 Lab File: VV026199.D
 Acq: 13 Jun 2022 10:08

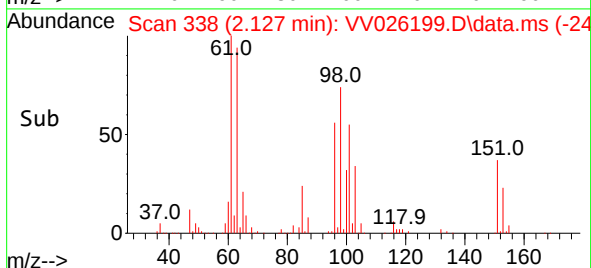
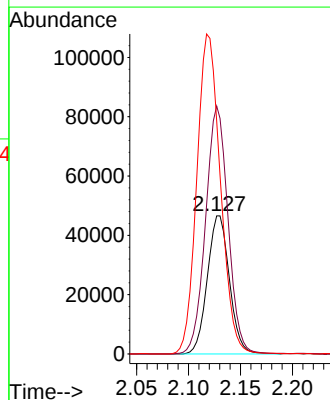
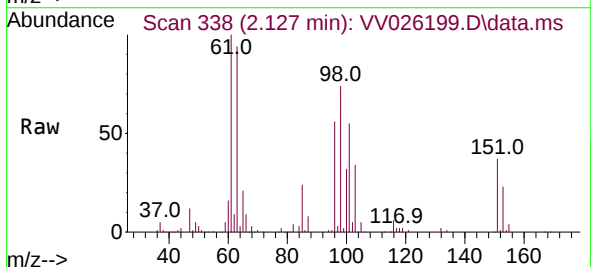
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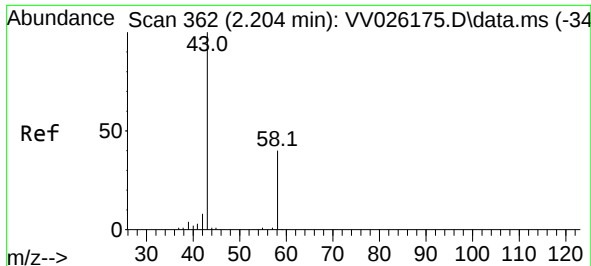
Tgt Ion:101 Resp: 75252
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.3 52.9
 151 68.2 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 4.614 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. -0.006 min
 Lab File: VV026199.D
 Acq: 13 Jun 2022 10:08

Tgt Ion: 96 Resp: 68711
 Ion Ratio Lower Upper
 96 100
 61 179.5 120.5 223.7
 63 168.7 129.3 240.1





#13

Acetone

Concen: 50.456 ug/L

RT: 2.217 min Scan# 30

Delta R.T. 0.013 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

Instrument :

MSVOA_V

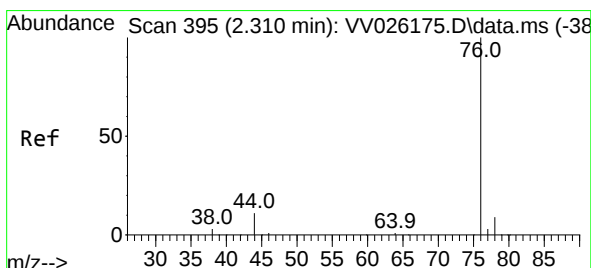
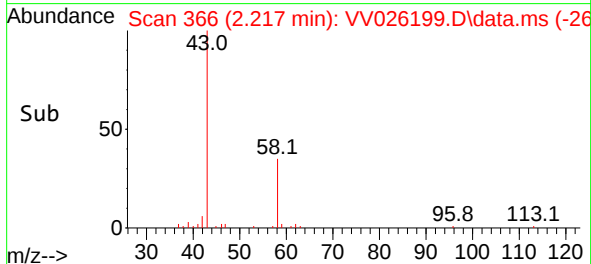
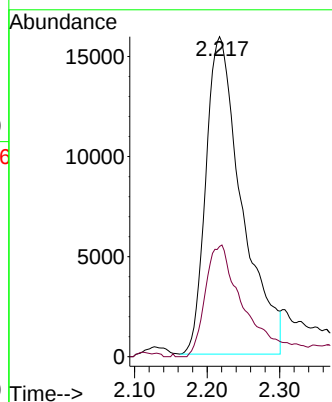
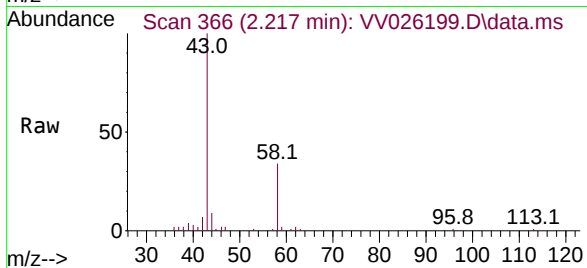
ClientSampleId :

Tgt Ion: 43 Resp: 54737

Ion Ratio Lower Upper

43 100

58 37.3 0.0 73.6



#14

Carbon disulfide

Concen: 4.572 ug/L

RT: 2.304 min Scan# 393

Delta R.T. -0.006 min

Lab File: VV026199.D

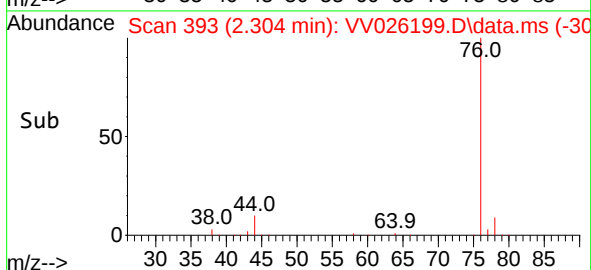
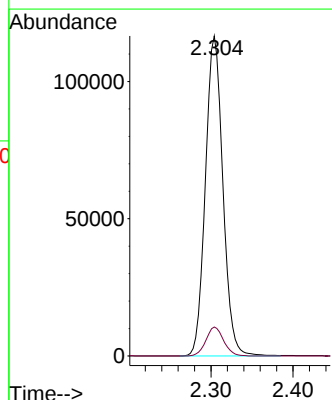
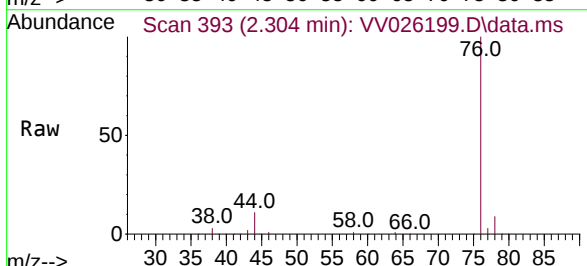
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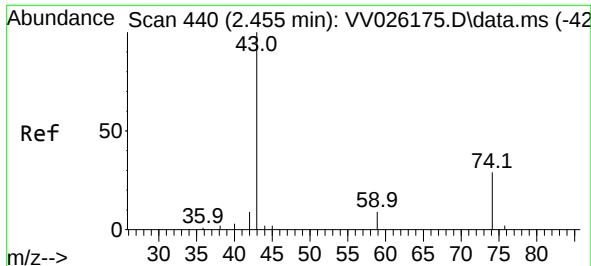
Tgt Ion: 76 Resp: 172900

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

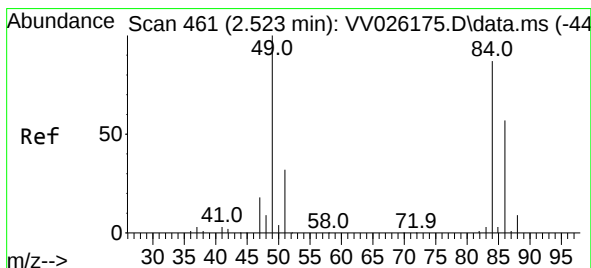
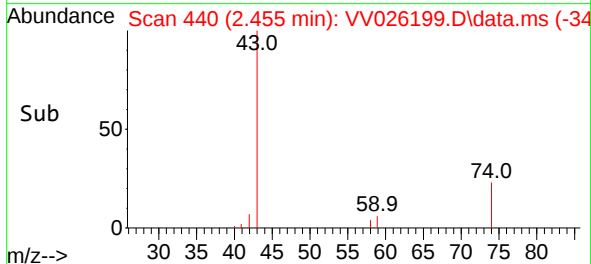
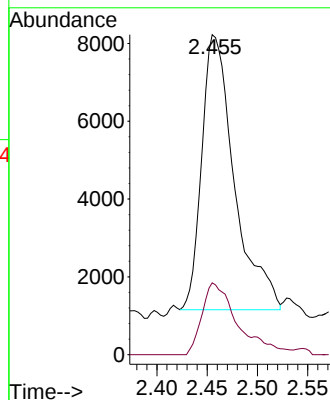
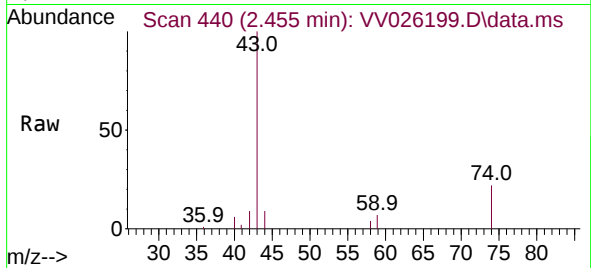




#15
Methyl Acetate
Concen: 5.035 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

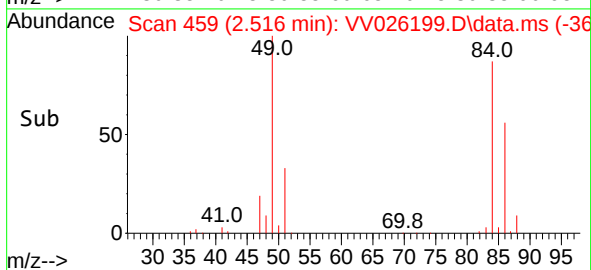
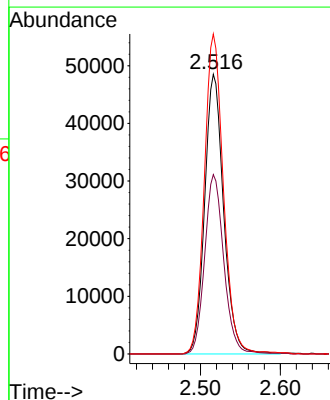
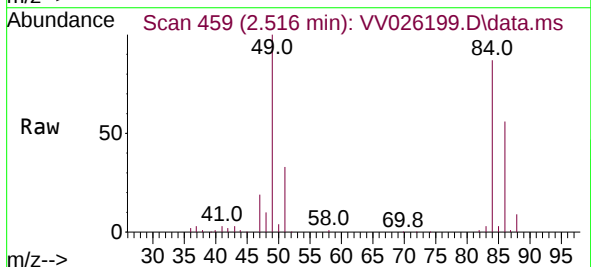
Instrument :
MSVOA_V
ClientSampleId :

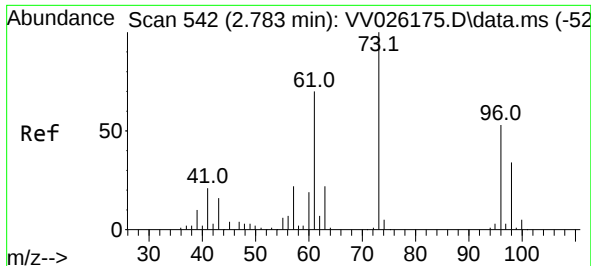
Tgt Ion: 43 Resp: 15951
Ion Ratio Lower Upper
43 100
74 28.7 18.9 28.3#



#16
Methylene chloride
Concen: 5.218 ug/L
RT: 2.516 min Scan# 459
Delta R.T. -0.006 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

Tgt Ion: 84 Resp: 80088
Ion Ratio Lower Upper
84 100
86 64.1 45.1 83.7
49 114.4 82.3 152.9

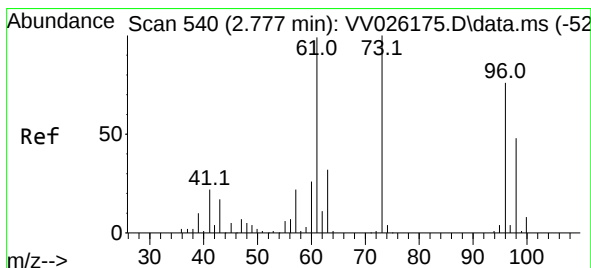
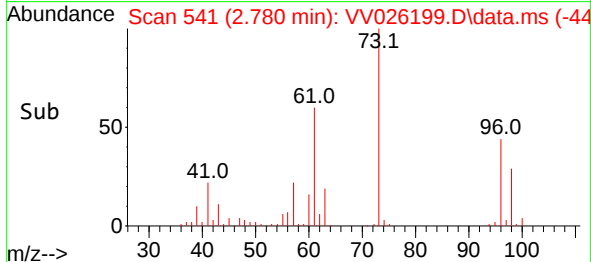
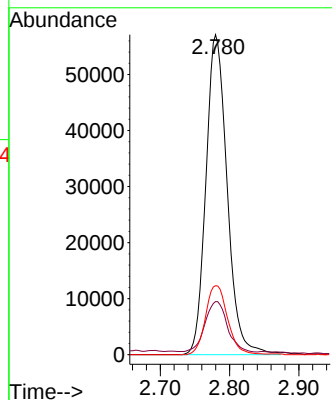
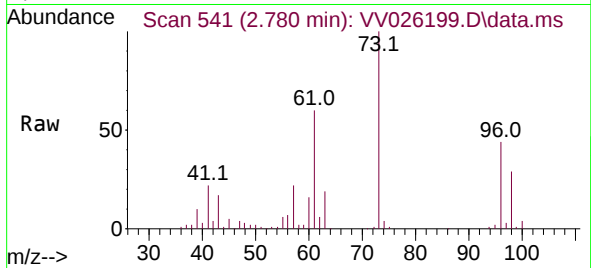




#17
Methyl tert-butyl Ether
Concen: 5.023 ug/L
RT: 2.780 min Scan# 541
Delta R.T. -0.003 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

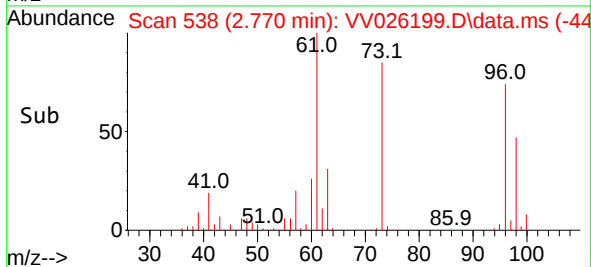
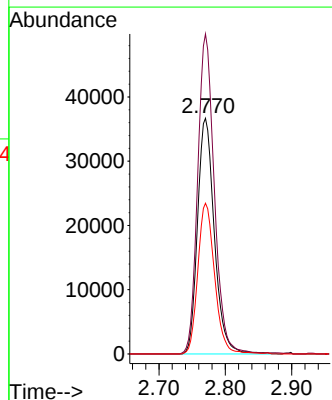
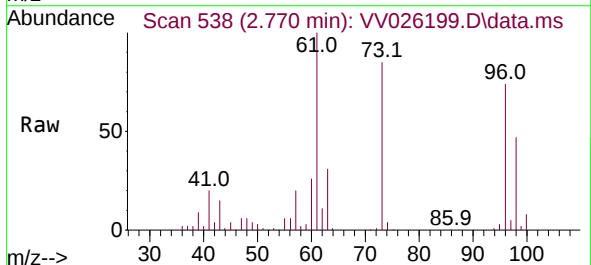
Instrument :
MSVOA_V
ClientSampleId :

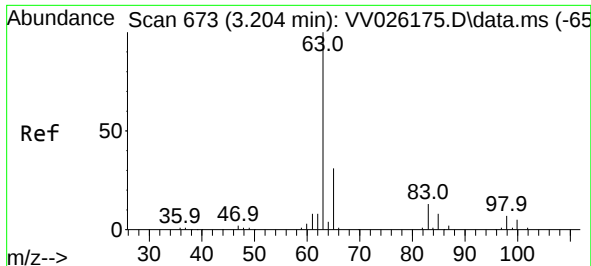
Tgt Ion: 73 Resp: 121629
Ion Ratio Lower Upper
73 100
43 16.6 13.4 20.2
57 22.4 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.542 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.006 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

Tgt Ion: 96 Resp: 64849
Ion Ratio Lower Upper
96 100
61 135.8 93.5 173.7
98 64.0 44.7 83.1

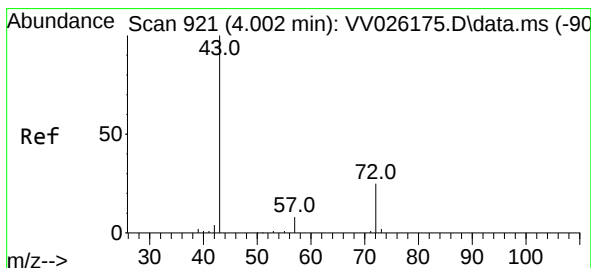
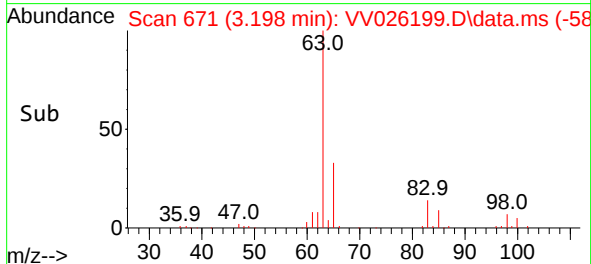
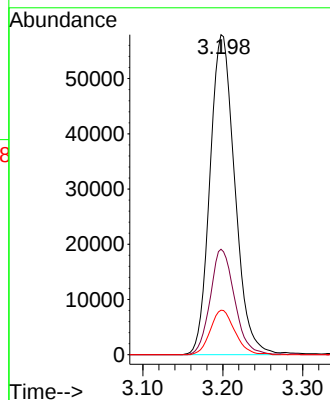
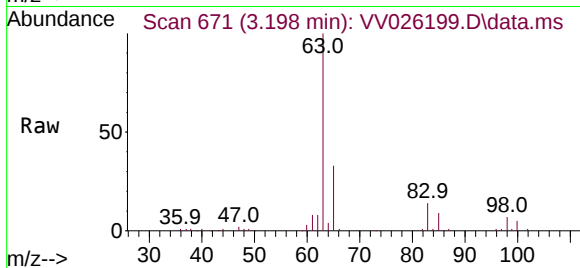




#19
1,1-Dichloroethane
Concen: 4.563 ug/L
RT: 3.198 min Scan# 61
Delta R.T. -0.006 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

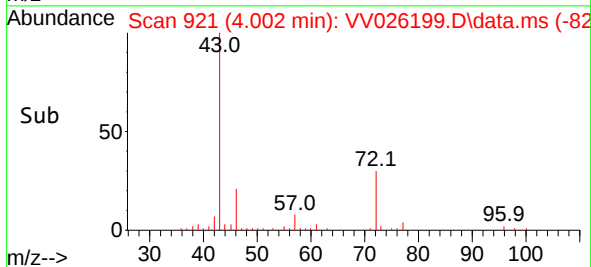
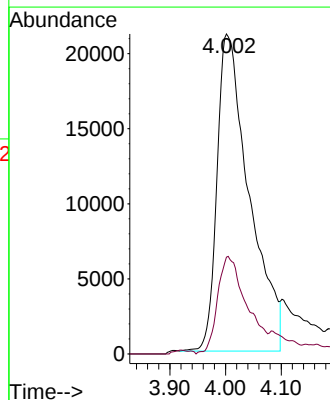
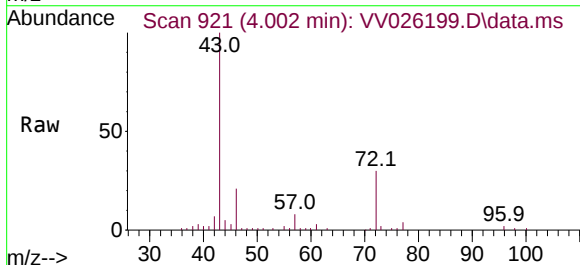
Instrument :
MSVOA_V
ClientSampleId :

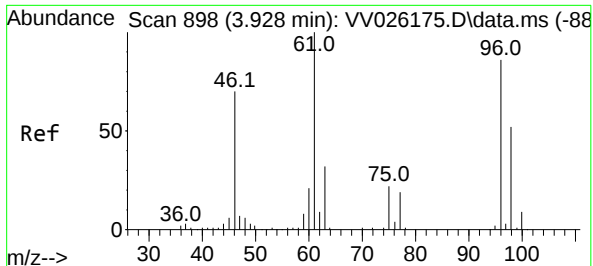
Tgt Ion: 63 Resp: 125025
Ion Ratio Lower Upper
63 100
65 33.0 22.1 41.1
83 13.9 9.5 17.7



#21
2-Butanone
Concen: 57.503 ug/L
RT: 4.002 min Scan# 921
Delta R.T. 0.000 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

Tgt Ion: 43 Resp: 84913
Ion Ratio Lower Upper
43 100
72 27.8 10.6 31.8





#22

cis-1,2-Dichloroethene

Concen: 4.696 ug/L

RT: 3.921 min Scan# 89

Delta R.T. -0.006 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

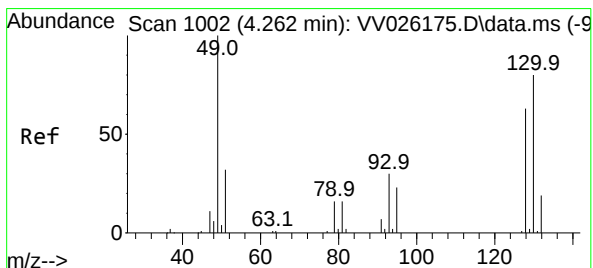
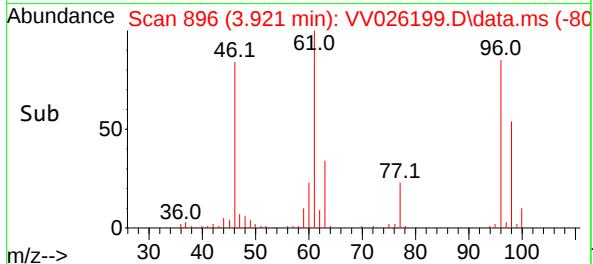
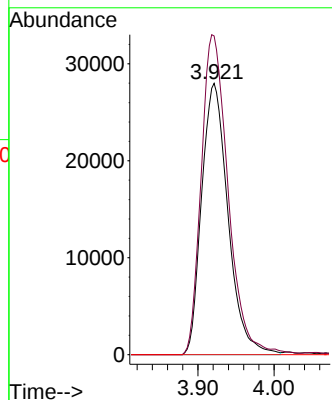
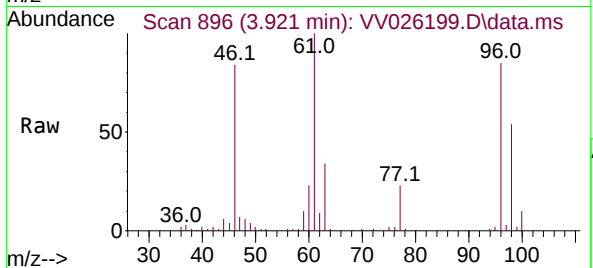
Tgt Ion: 96 Resp: 67448

Ion Ratio Lower Upper

96 100

61 117.5 85.2 158.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.070 ug/L

RT: 4.256 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

Tgt Ion:128 Resp: 30410

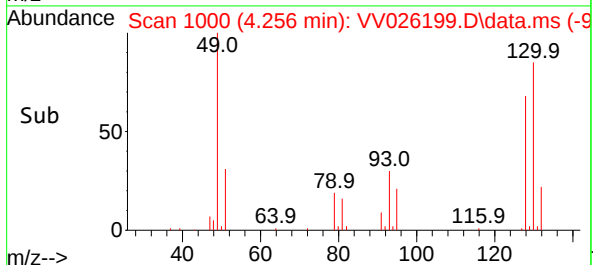
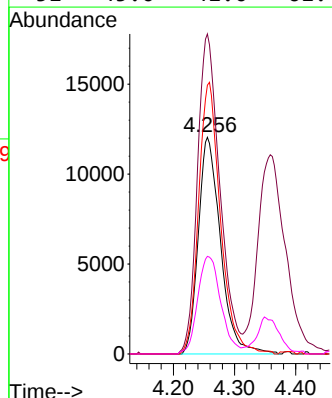
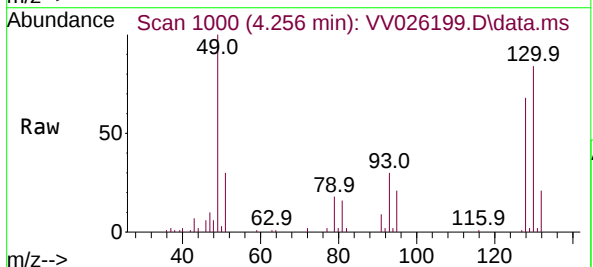
Ion Ratio Lower Upper

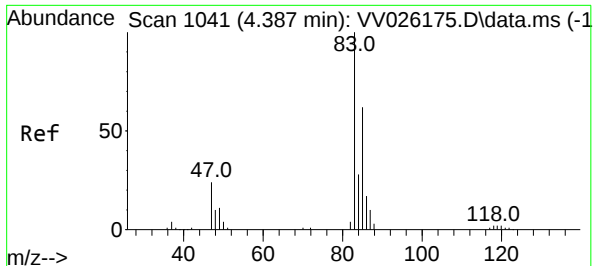
128 100

49 147.7 114.9 213.5

130 124.0 89.1 165.5

51 45.0 41.0 61.4





#25

Chloroform

Concen: 4.672 ug/L

RT: 4.381 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

Instrument :

MSVOA_V

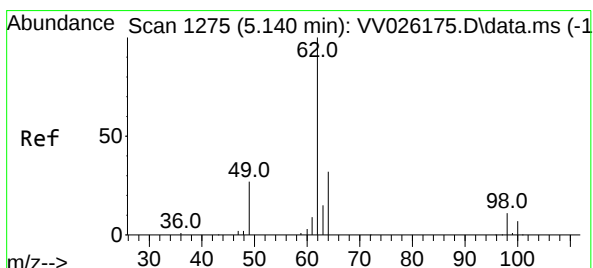
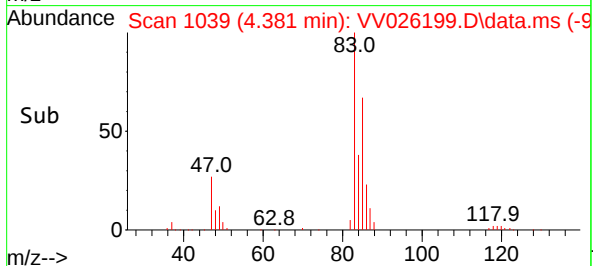
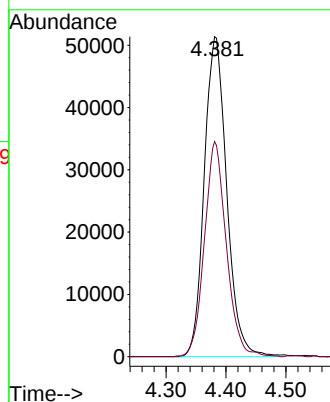
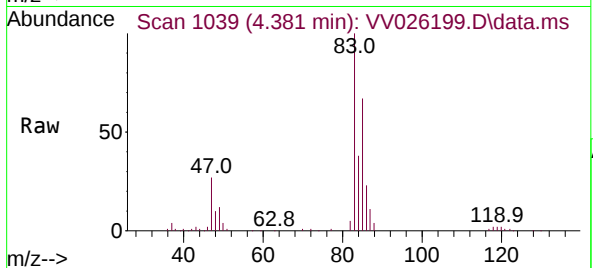
ClientSampleId :

Tgt Ion: 83 Resp: 133792

Ion Ratio Lower Upper

83 100

85 67.2 45.3 84.1



#27

1,2-Dichloroethane

Concen: 4.852 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.003 min

Lab File: VV026199.D

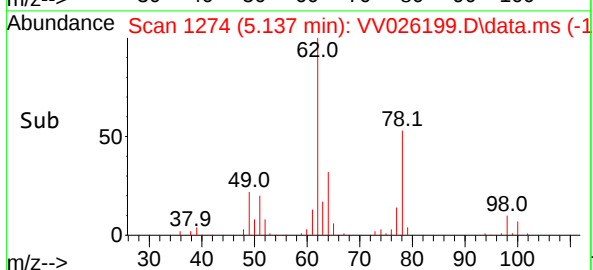
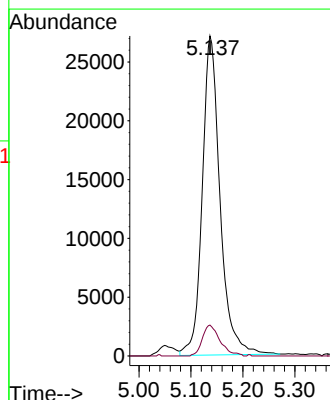
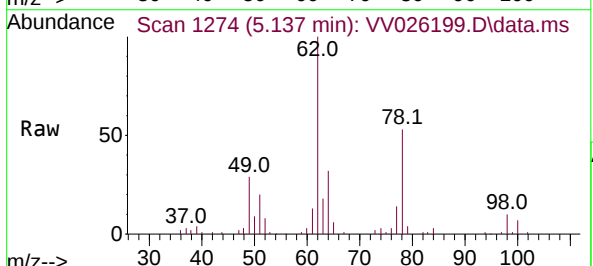
Acq: 13 Jun 2022 10:08

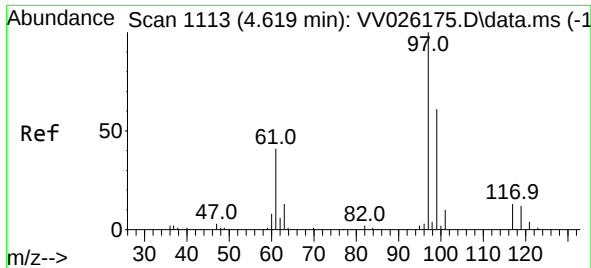
Tgt Ion: 62 Resp: 64578

Ion Ratio Lower Upper

62 100

98 9.6 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 4.522 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

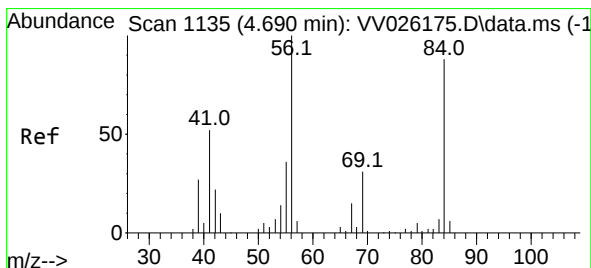
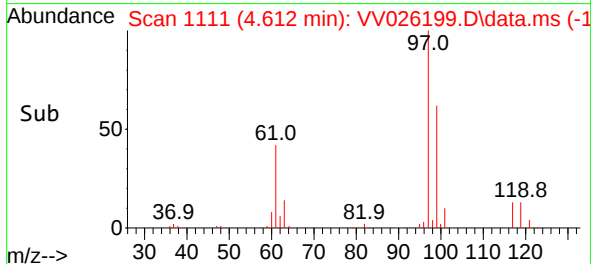
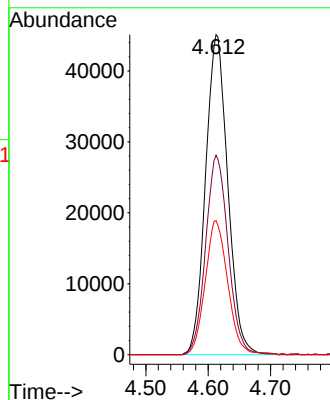
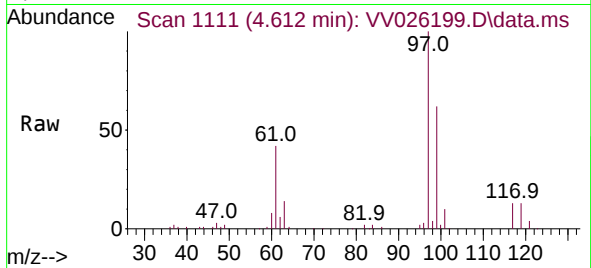
Tgt Ion: 97 Resp: 111844

Ion Ratio Lower Upper

97 100

99 63.1 51.0 76.4

61 42.4 34.9 52.3



#30

Cyclohexane

Concen: 4.702 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

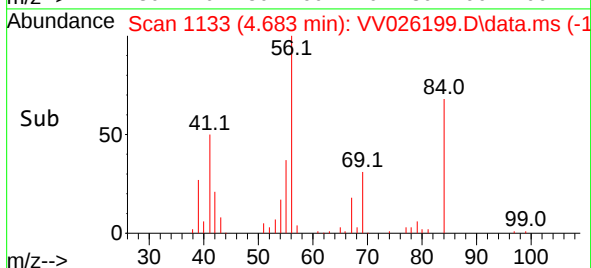
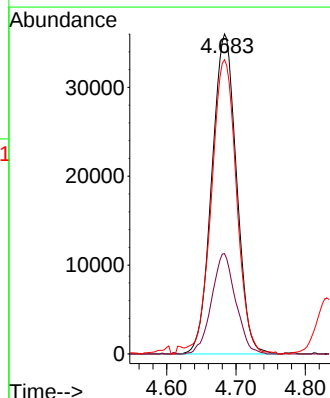
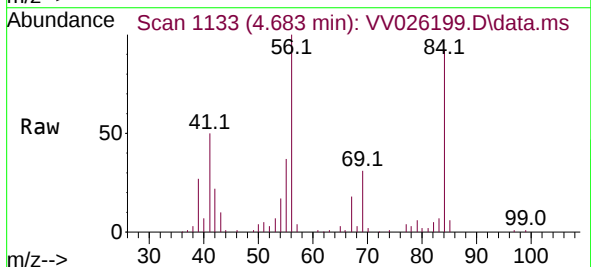
Tgt Ion: 56 Resp: 89063

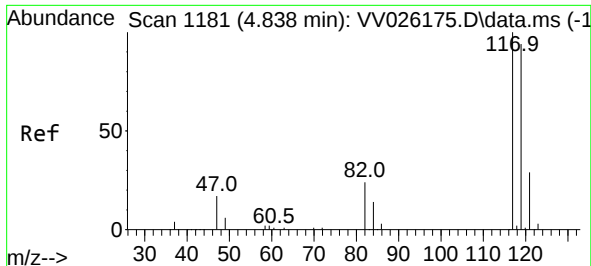
Ion Ratio Lower Upper

56 100

69 30.6 24.8 37.2

84 93.4 75.7 113.5

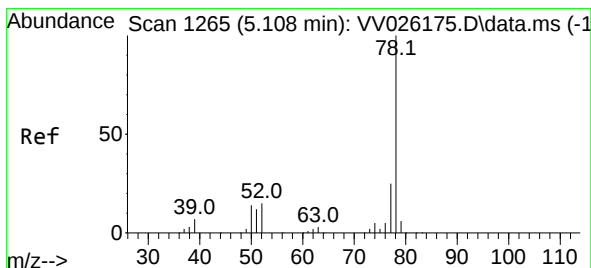
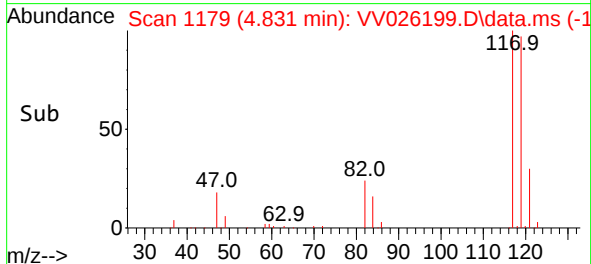
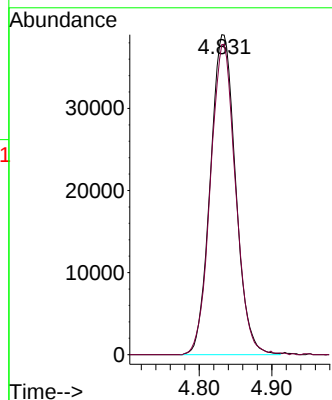
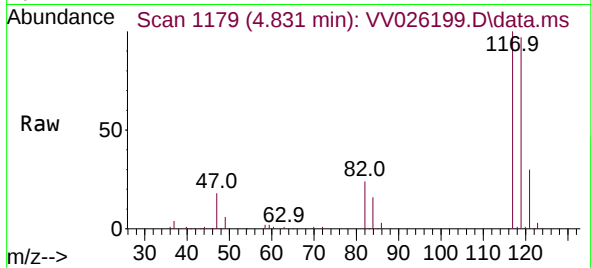




#31
Carbon tetrachloride
Concen: 4.722 ug/L
RT: 4.831 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

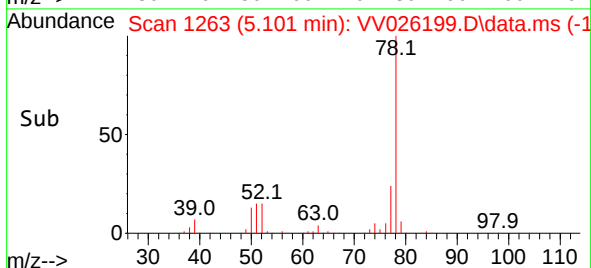
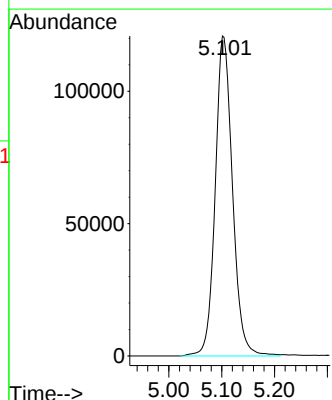
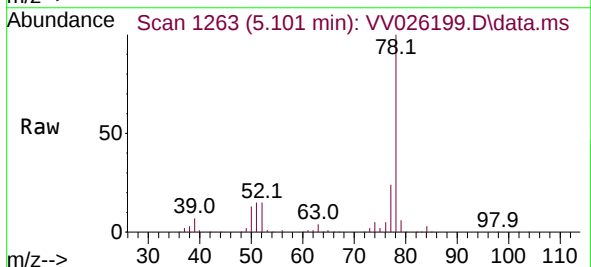
Instrument :
MSVOA_V
ClientSampleId :

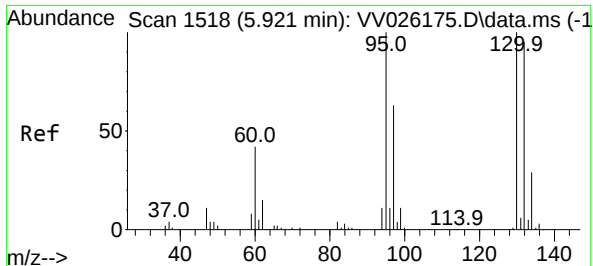
Tgt Ion:117 Resp: 94390
Ion Ratio Lower Upper
117 100
119 96.6 77.8 116.8



#33
Benzene
Concen: 4.816 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

Tgt Ion: 78 Resp: 274721

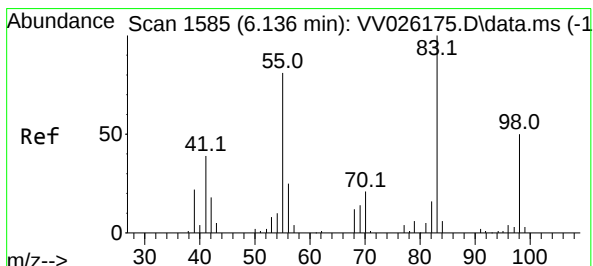
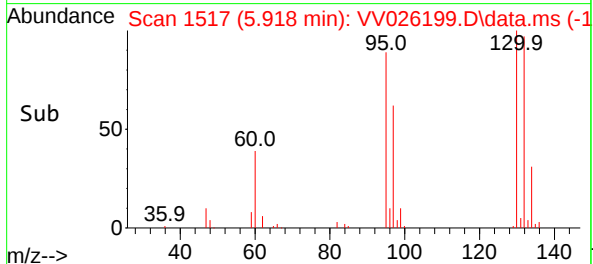
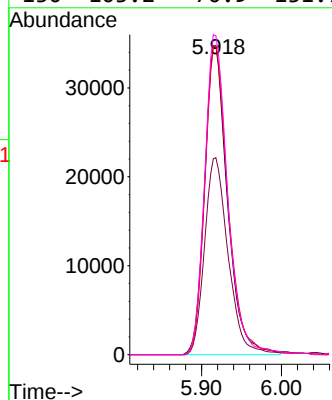
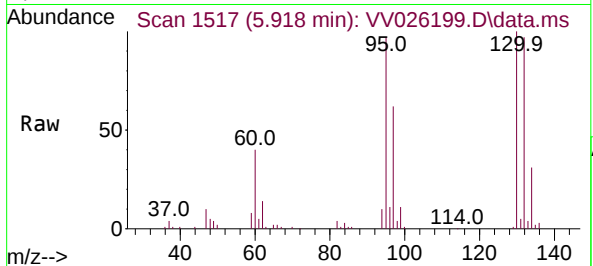




#34
Trichloroethene
Concen: 4.494 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

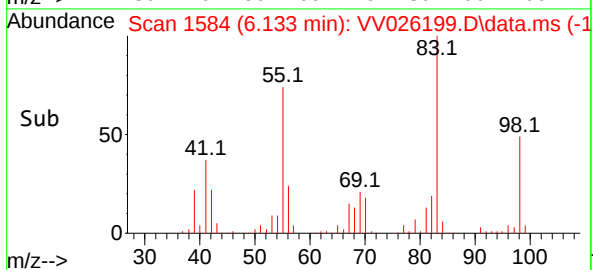
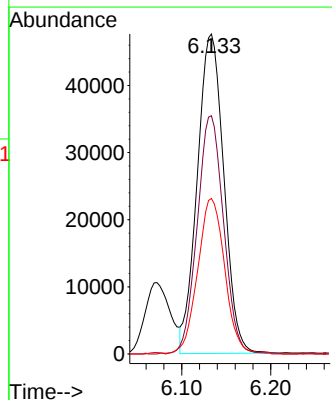
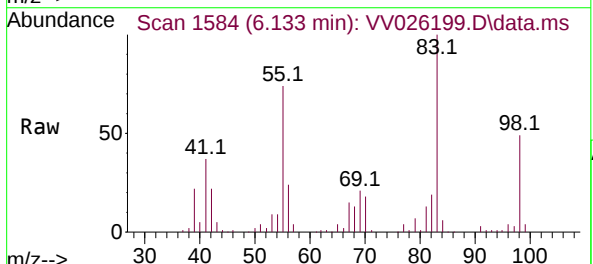
Instrument :
MSVOA_V
ClientSampleId :

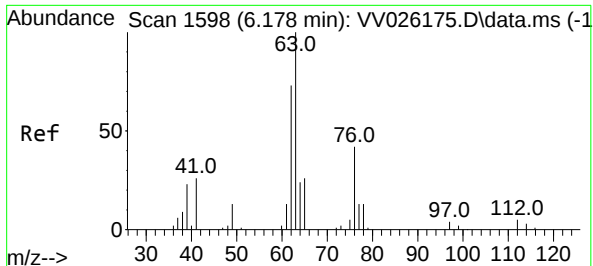
Tgt Ion: 95 Resp: 69245
Ion Ratio Lower Upper
95 100
97 63.8 43.3 80.3
132 100.2 67.5 125.4
130 103.2 70.9 131.7



#35
Methylcyclohexane
Concen: 4.730 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

Tgt Ion: 83 Resp: 98526
Ion Ratio Lower Upper
83 100
55 74.1 59.5 89.3
98 48.6 38.4 57.6





#37

1,2-Dichloropropane

Concen: 4.592 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

Instrument :

MSVOA_V

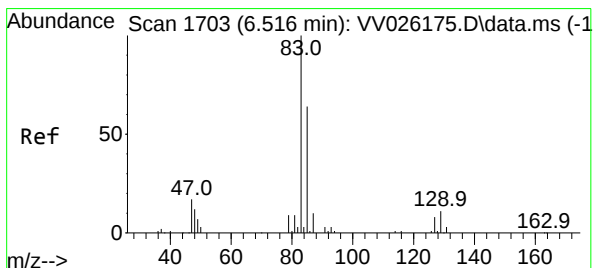
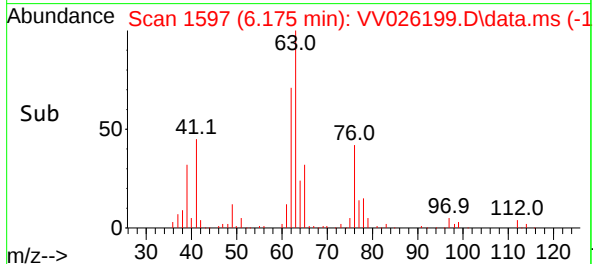
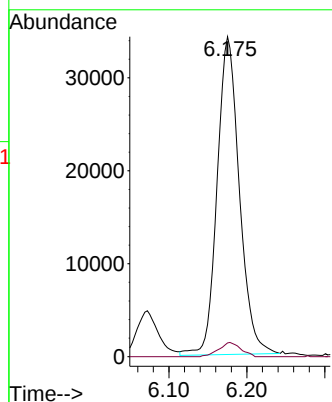
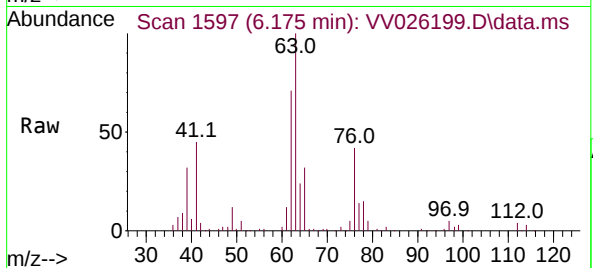
ClientSampleId :

Tgt Ion: 63 Resp: 67861

Ion Ratio Lower Upper

63 100

112 4.4 3.9 5.9



#38

Bromodichloromethane

Concen: 4.733 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.003 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

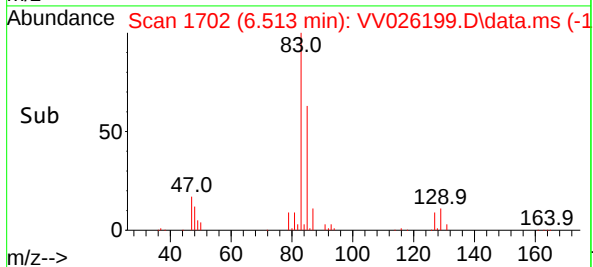
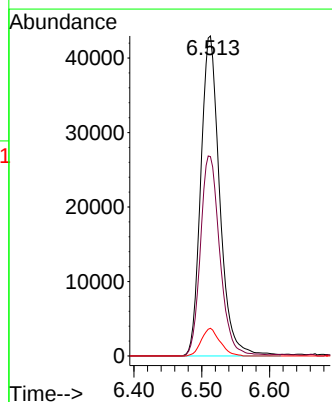
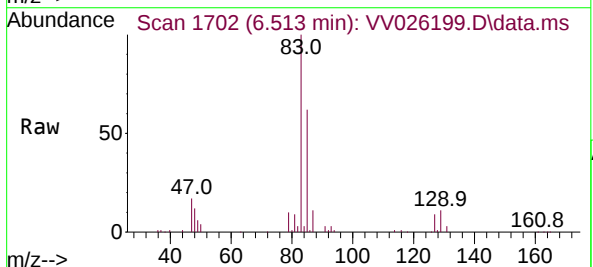
Tgt Ion: 83 Resp: 83311

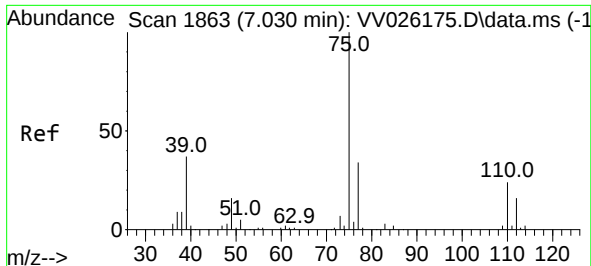
Ion Ratio Lower Upper

83 100

85 62.3 46.0 85.4

127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.917 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.003 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

Instrument :

MSVOA_V

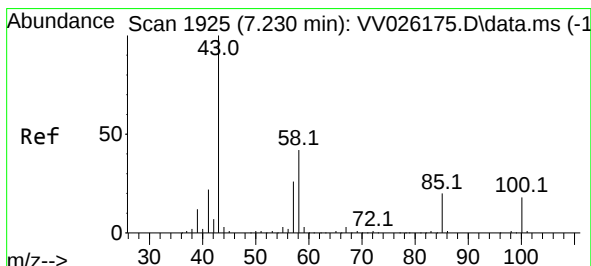
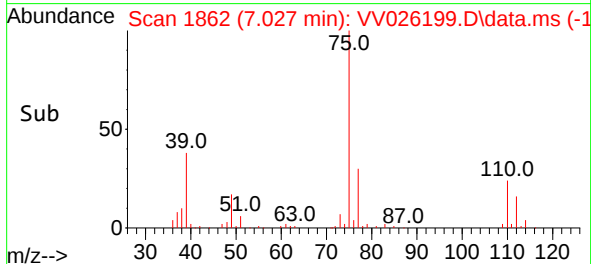
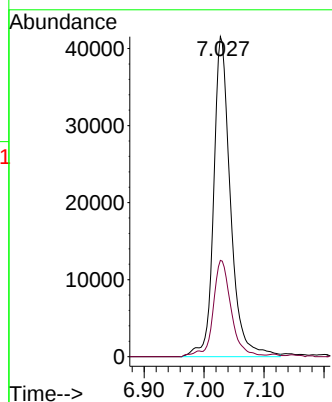
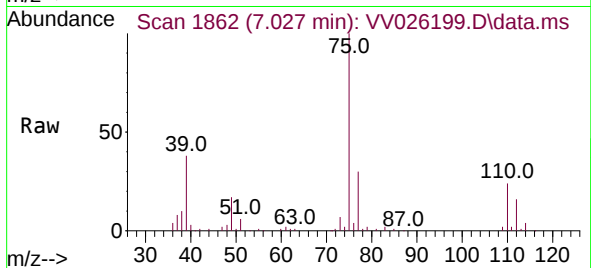
ClientSampleId :

Tgt Ion: 75 Resp: 81074

Ion Ratio Lower Upper

75 100

77 30.1 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 50.147 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

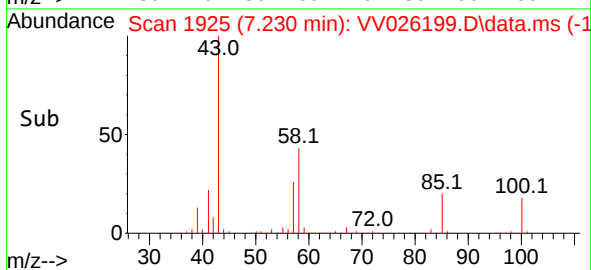
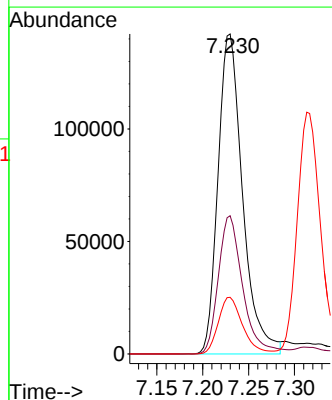
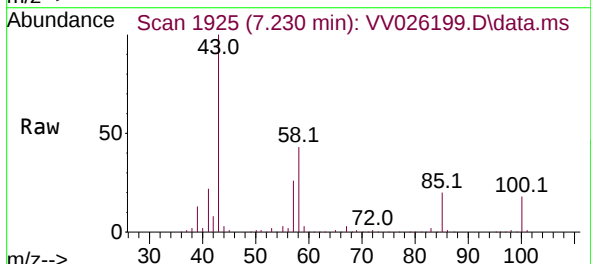
Tgt Ion: 43 Resp: 265198

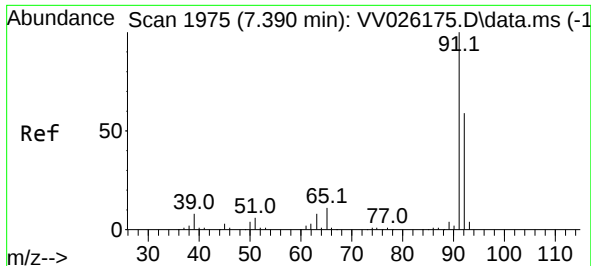
Ion Ratio Lower Upper

43 100

58 42.9 30.9 46.3

100 17.6 12.0 18.0





#42

Toluene

Concen: 4.920 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

Instrument :

MSVOA_V

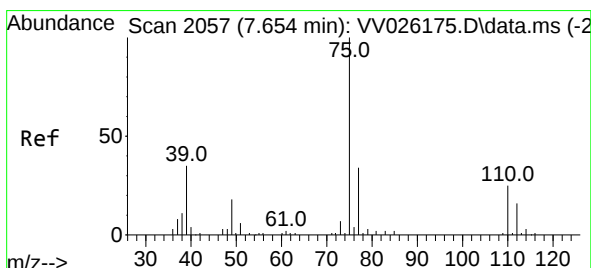
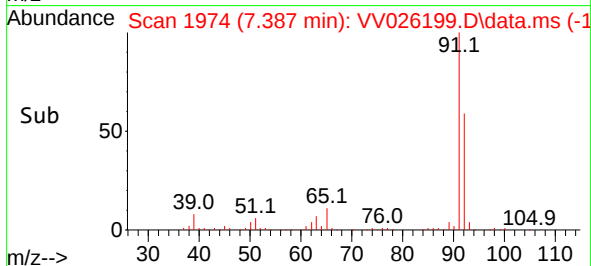
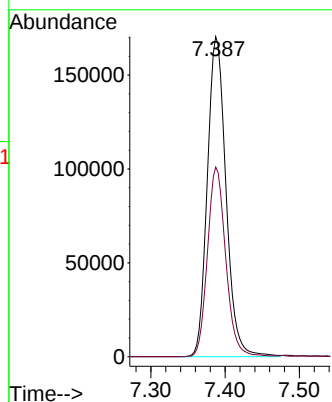
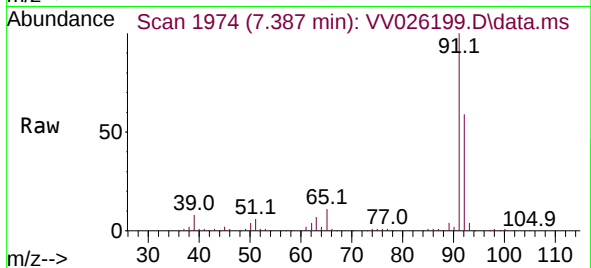
ClientSampleId :

Tgt Ion: 91 Resp: 297168

Ion Ratio Lower Upper

91 100

92 59.3 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.229 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV026199.D

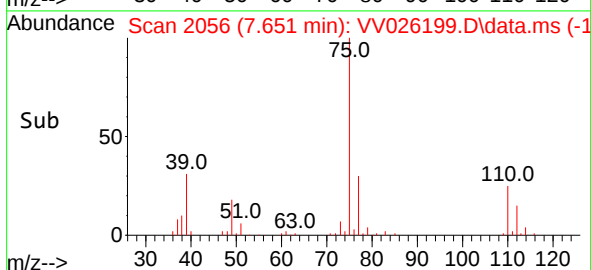
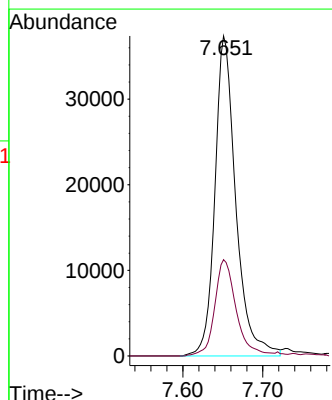
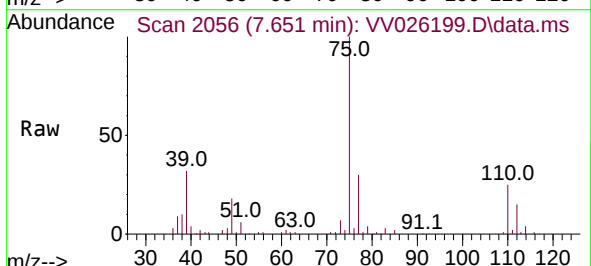
Acq: 13 Jun 2022 10:08

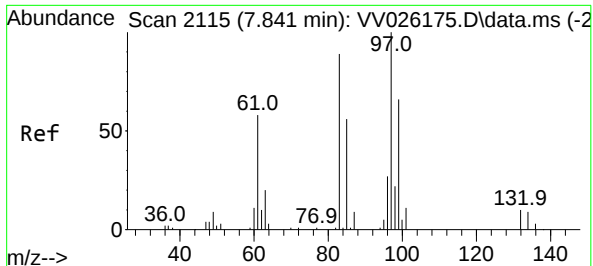
Tgt Ion: 75 Resp: 67812

Ion Ratio Lower Upper

75 100

77 30.1 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 4.729 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 43985

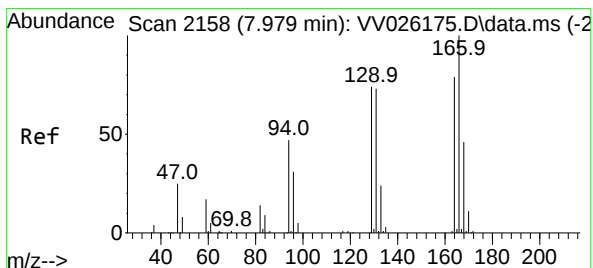
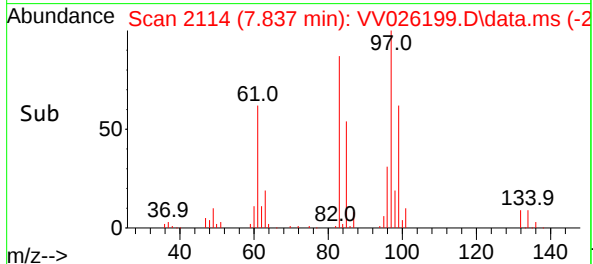
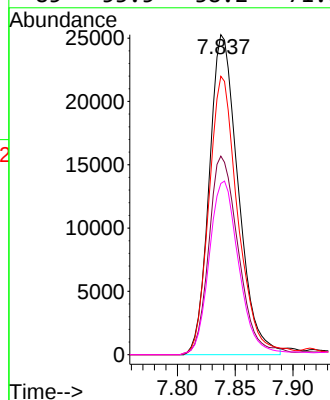
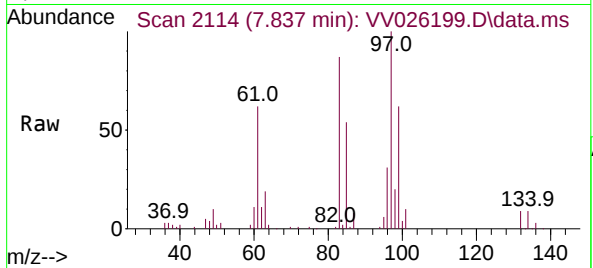
Ion Ratio Lower Upper

97 100

99 62.1 43.0 80.0

83 87.0 58.4 108.4

85 53.5 38.2 71.0



#47

Tetrachloroethene

Concen: 4.782 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

Tgt Ion:164 Resp: 52908

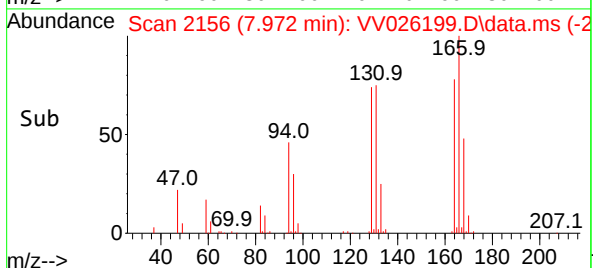
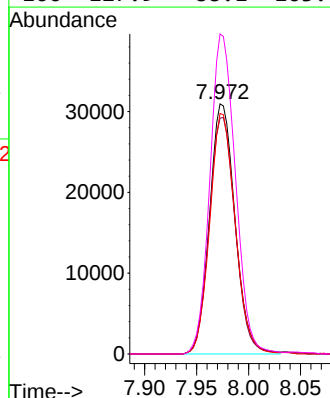
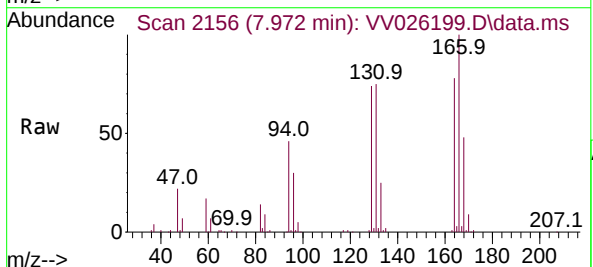
Ion Ratio Lower Upper

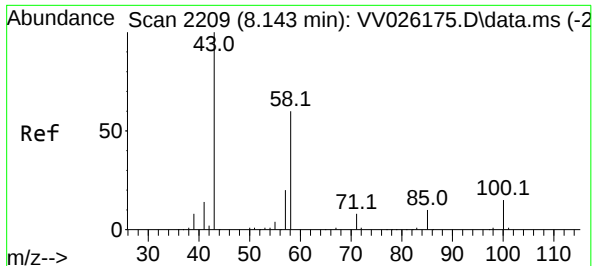
164 100

129 94.3 66.1 122.7

131 96.1 65.0 120.6

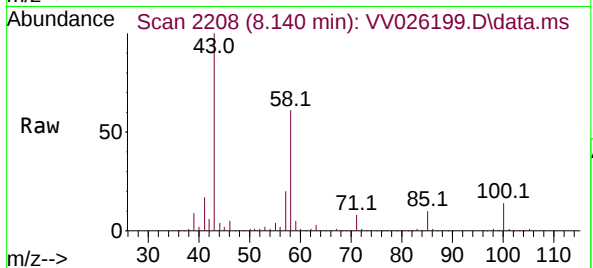
166 127.9 88.1 163.7





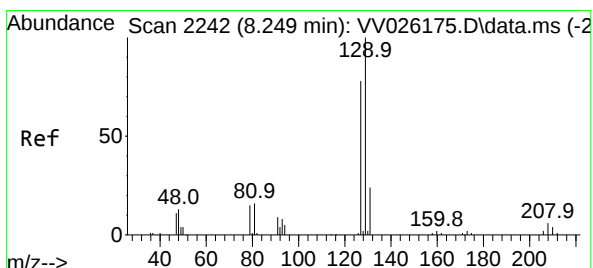
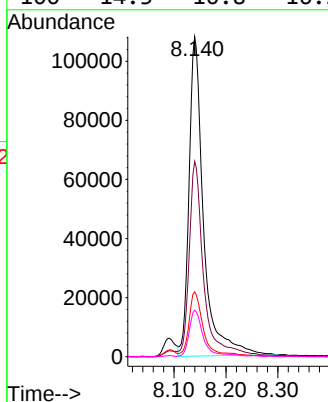
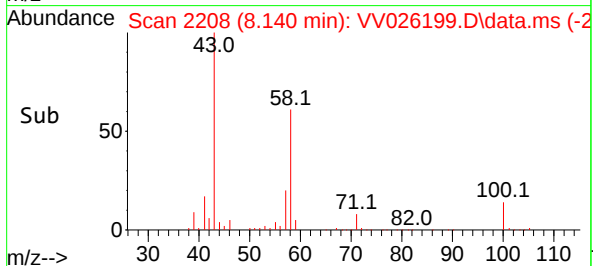
#48
2-Hexanone
Concen: 56.022 ug/L
RT: 8.140 min Scan# 210387
Delta R.T. -0.003 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 210387

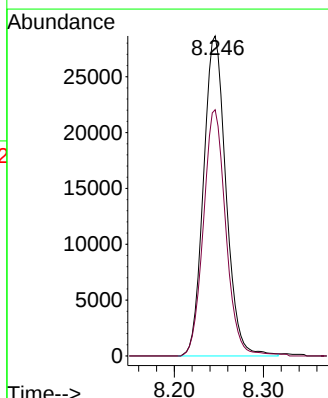
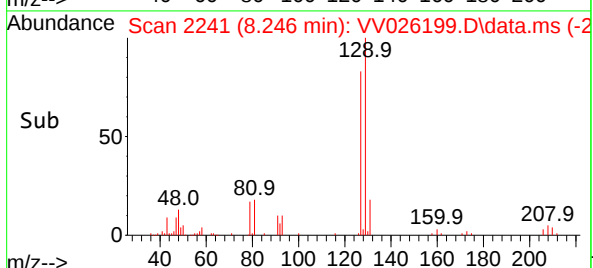
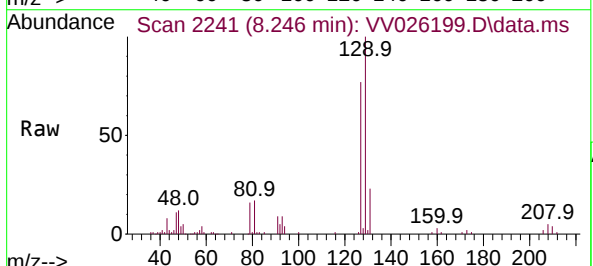
Ion	Ratio	Lower	Upper
43	100		
58	60.1	46.1	69.1
57	19.6	15.3	22.9
100	14.3	10.8	16.2

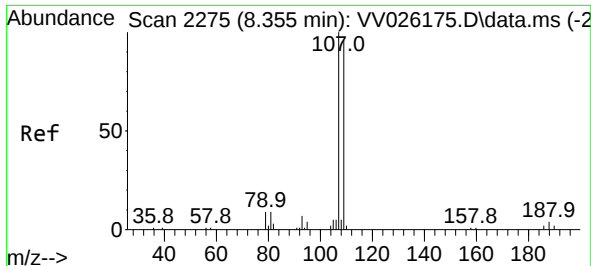


#49
Dibromochloromethane
Concen: 4.943 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

Tgt Ion: 129 Resp: 50186

Ion	Ratio	Lower	Upper
129	100		
127	76.9	50.9	94.5





#50

1,2-Dibromoethane

Concen: 5.041 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026199.D

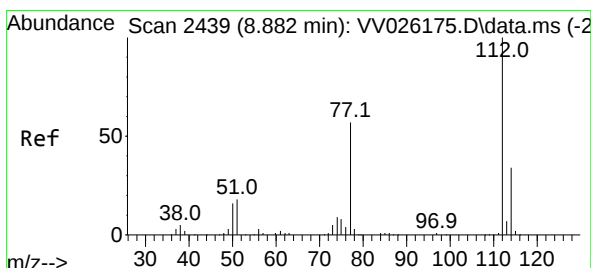
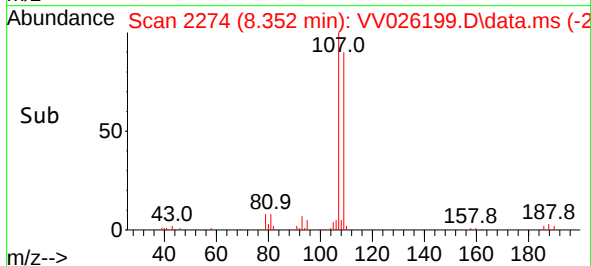
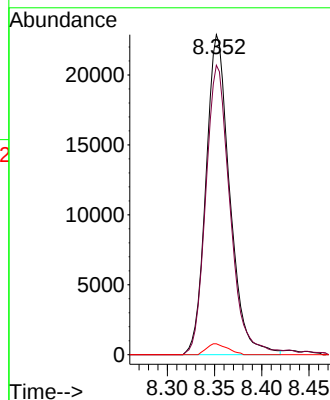
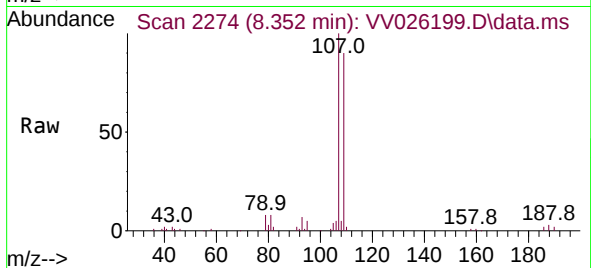
Acq: 13 Jun 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	40116
Ion Ratio	Lower	Upper
107	100	
109	90.5	66.9 124.3
188	3.4	2.9 4.3



#51

Chlorobenzene

Concen: 4.712 ug/L

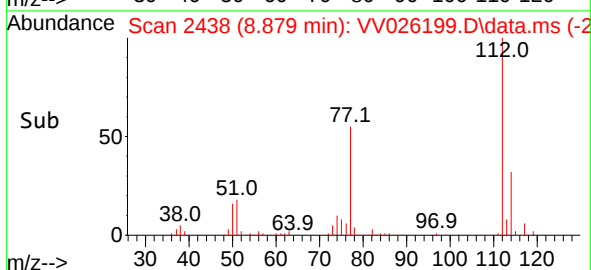
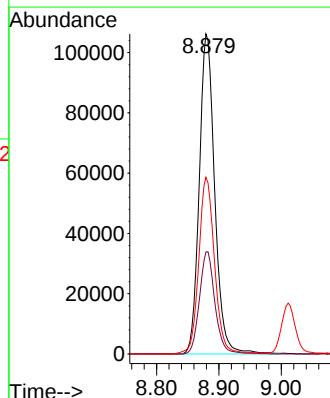
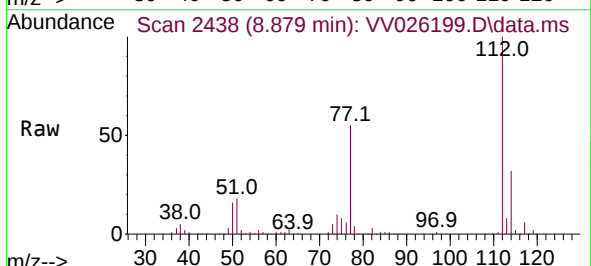
RT: 8.879 min Scan# 2438

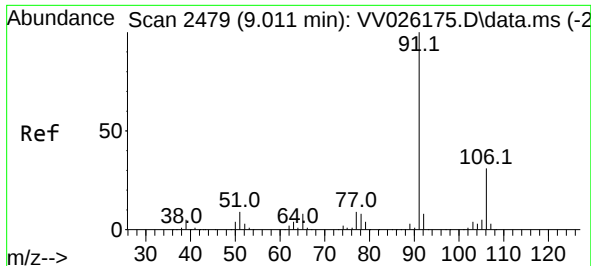
Delta R.T. -0.003 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

Tgt Ion:112	Resp:	182994
Ion Ratio	Lower	Upper
112	100	
114	31.9	21.8 40.6
77	55.2	44.6 66.8

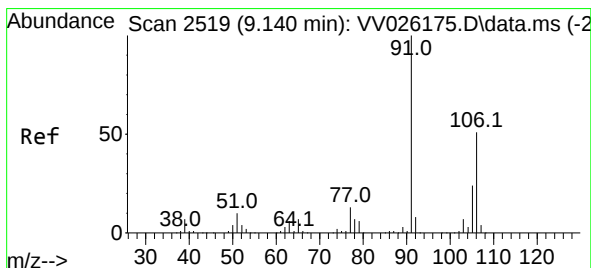
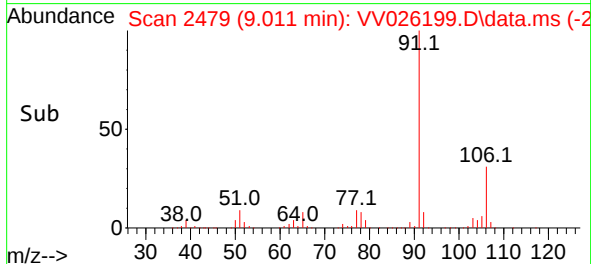
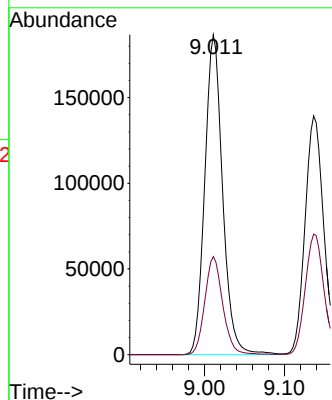
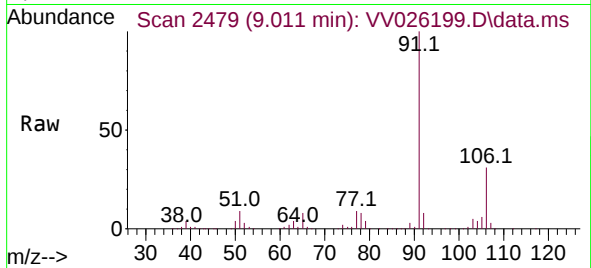




#52
Ethylbenzene
Concen: 4.835 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

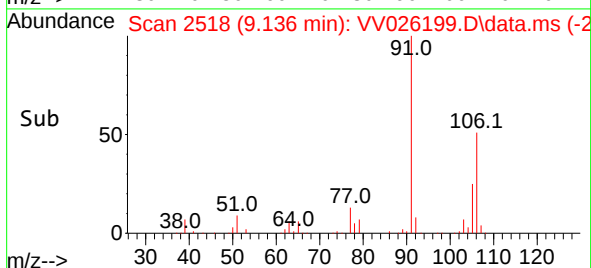
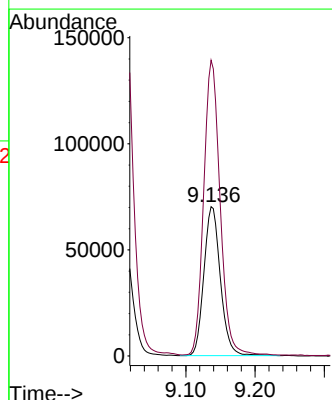
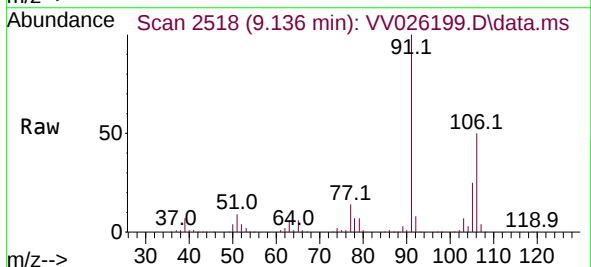
Instrument :
MSVOA_V
ClientSampleId :

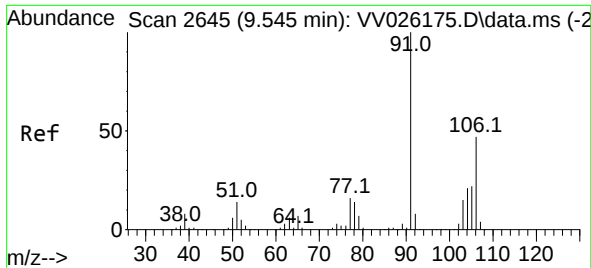
Tgt Ion: 91 Resp: 289721
Ion Ratio Lower Upper
91 100
106 30.6 22.3 41.3



#53
m,p-Xylene
Concen: 5.053 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

Tgt Ion: 106 Resp: 115908
Ion Ratio Lower Upper
106 100
91 198.1 142.0 263.8

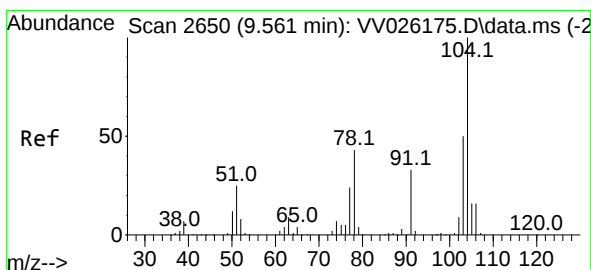
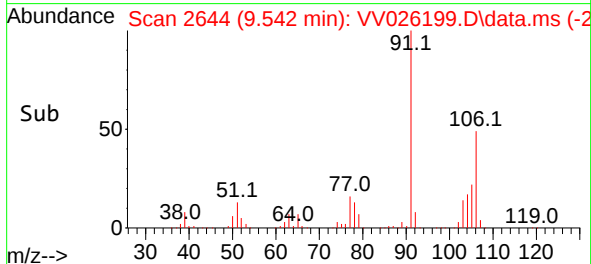
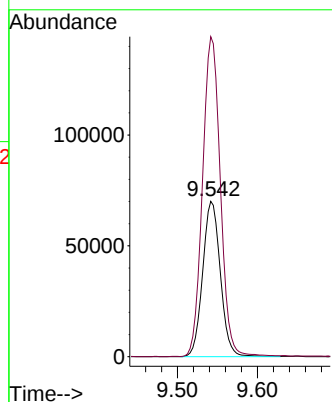
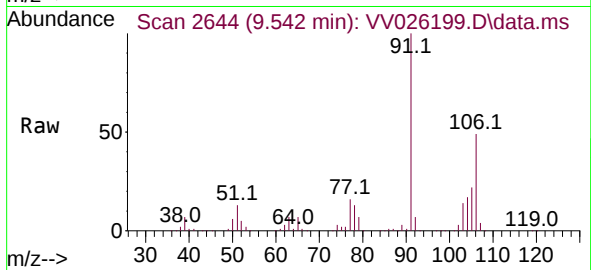




#54
o-Xylene
Concen: 4.866 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

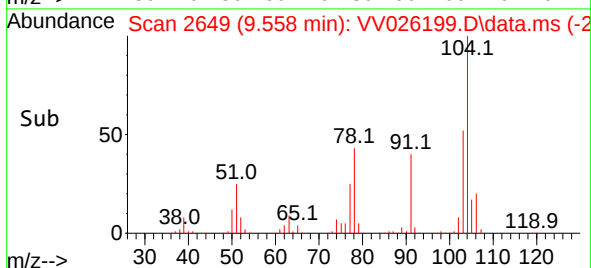
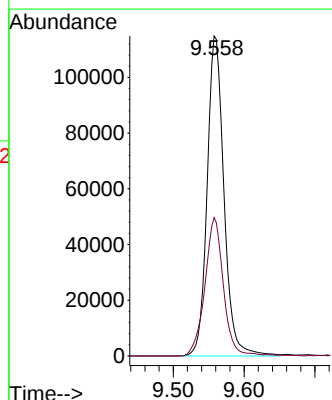
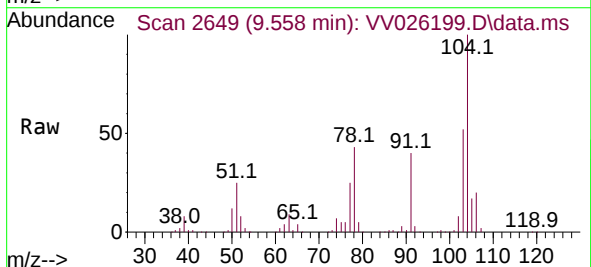
Instrument :
MSVOA_V
ClientSampleId :

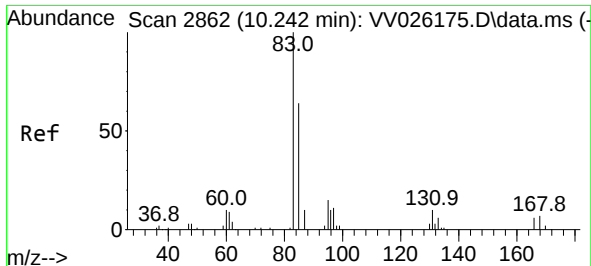
Tgt Ion:106 Resp: 107917
Ion Ratio Lower Upper
106 100
91 205.9 149.0 276.6



#55
Styrene
Concen: 5.182 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

Tgt Ion:104 Resp: 189489
Ion Ratio Lower Upper
104 100
78 43.3 29.7 55.1

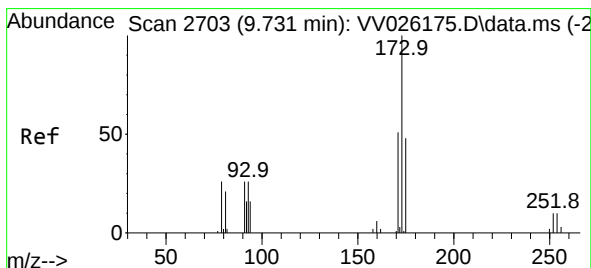
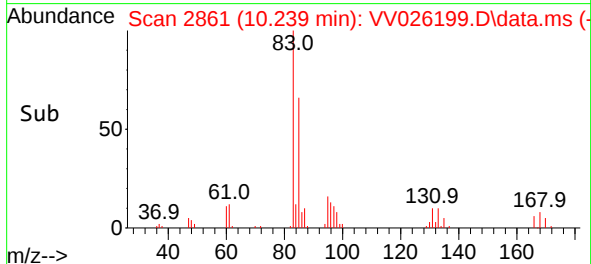
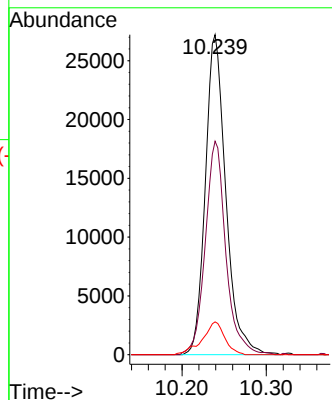
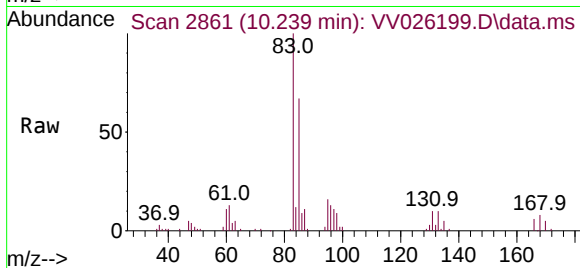




#57
1,1,2,2-Tetrachloroethane
Concen: 4.883 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

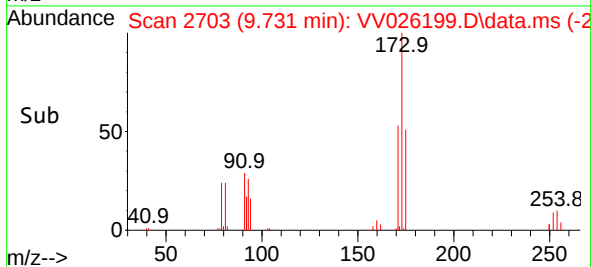
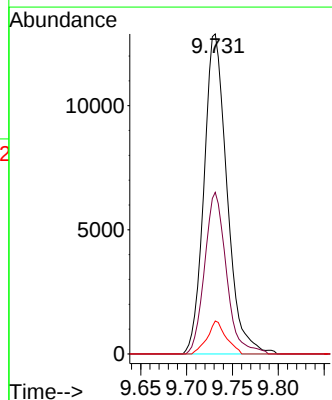
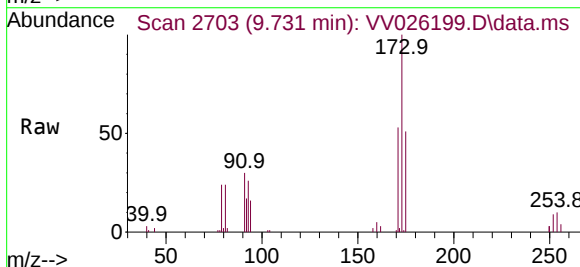
Instrument :
MSVOA_V
ClientSampleId :

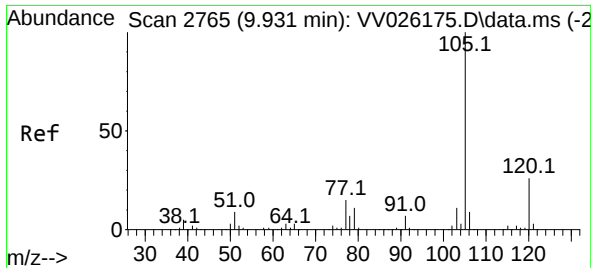
Tgt Ion: 83 Resp: 46040
Ion Ratio Lower Upper
83 100
85 66.7 45.8 85.2
131 10.3 7.1 10.7



#59
Bromoform
Concen: 4.820 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

Tgt Ion: 173 Resp: 22512
Ion Ratio Lower Upper
173 100
175 47.8 37.4 56.2
254 8.4 6.5 9.7

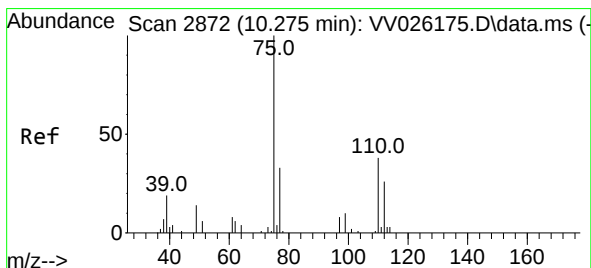
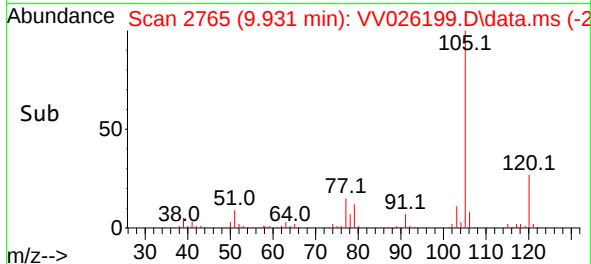
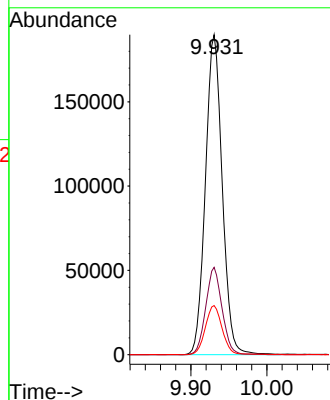
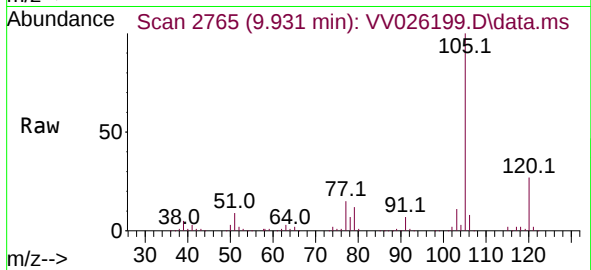




#60
Isopropylbenzene
Concen: 4.581 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

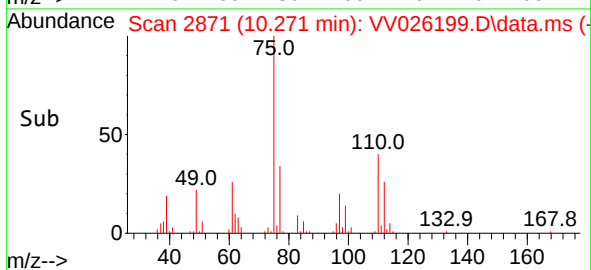
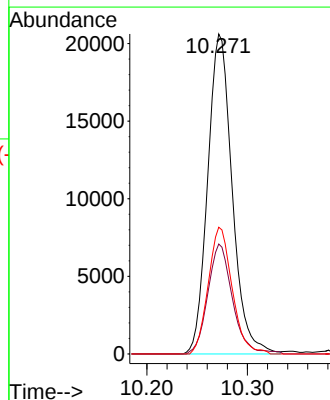
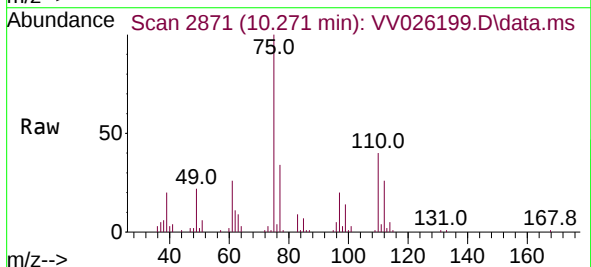
Instrument :
MSVOA_V
ClientSampleId :

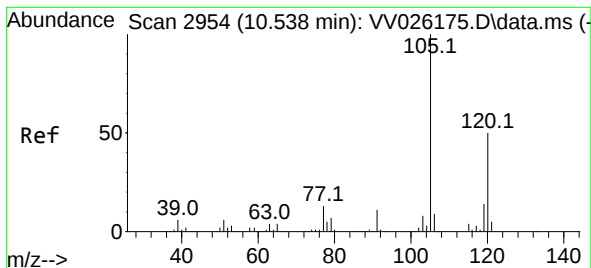
Tgt Ion:105 Resp: 291308
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 15.4 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 4.678 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

Tgt Ion: 75 Resp: 34895
Ion Ratio Lower Upper
75 100
77 34.6 27.8 41.8
110 38.6 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 4.412 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

Instrument :

MSVOA_V

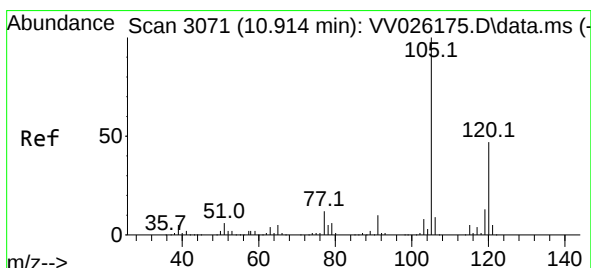
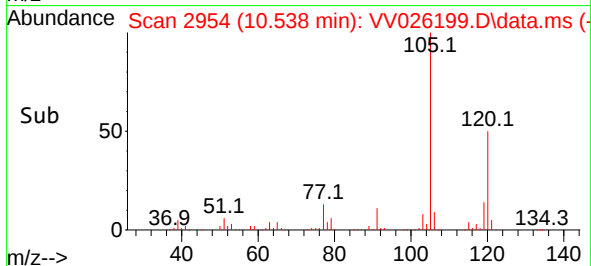
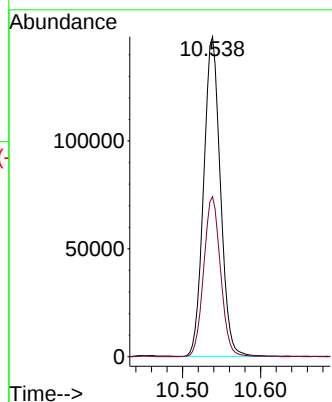
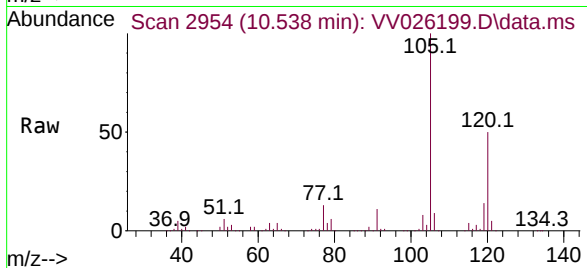
ClientSampleId :

Tgt Ion:105 Resp: 221222

Ion Ratio Lower Upper

105 100

120 50.4 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.561 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV026199.D

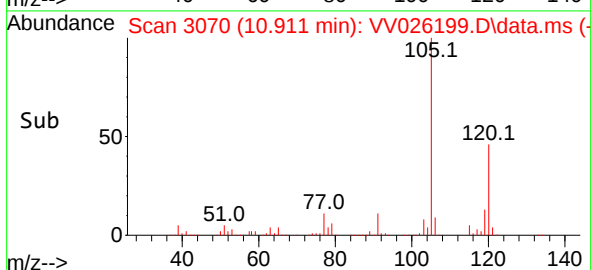
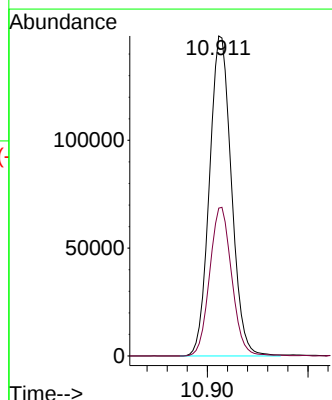
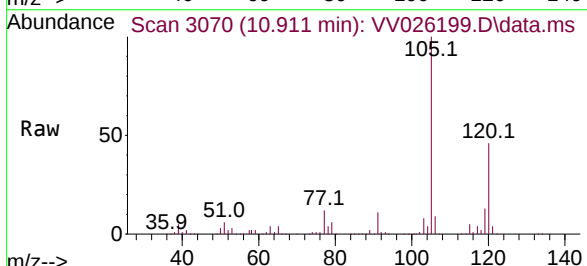
Acq: 13 Jun 2022 10:08

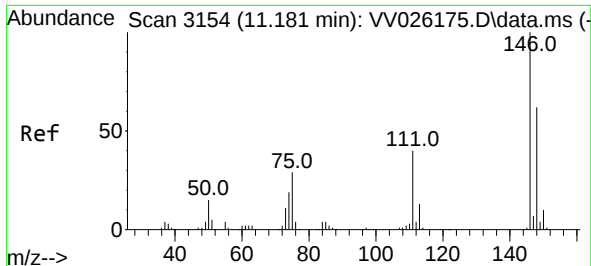
Tgt Ion:105 Resp: 225090

Ion Ratio Lower Upper

105 100

120 46.7 36.9 55.3

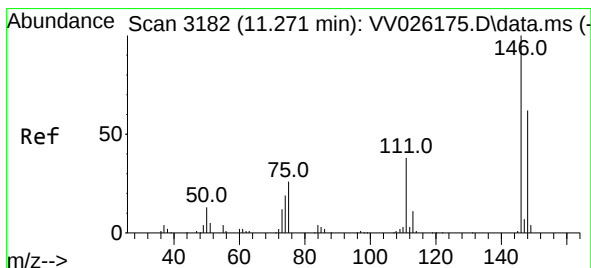
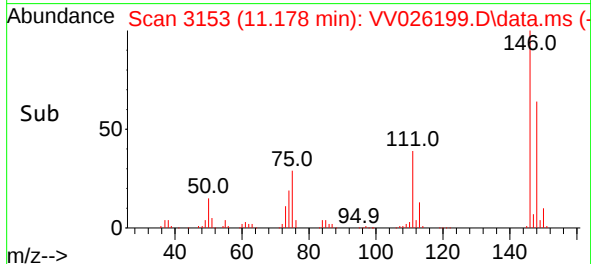
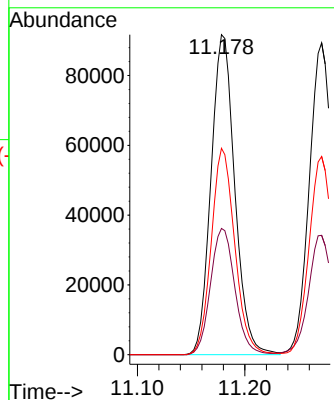
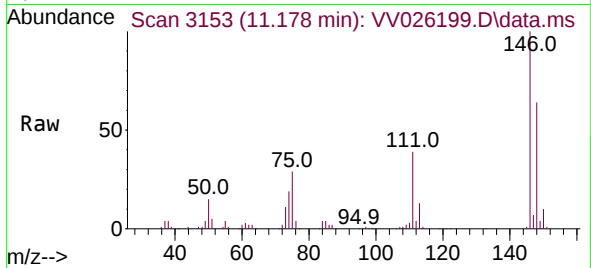




#64
1,3-Dichlorobenzene
Concen: 4.657 ug/L
RT: 11.178 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

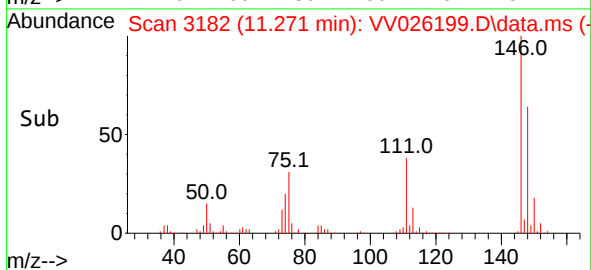
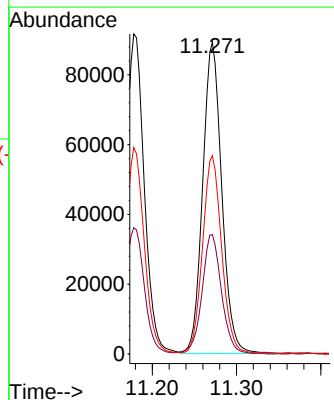
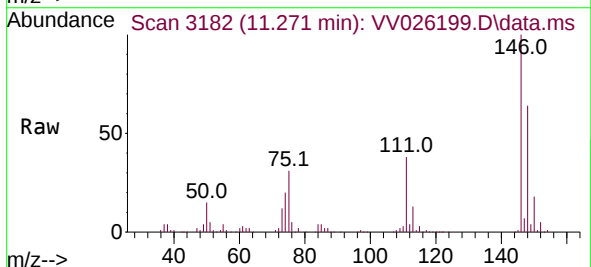
Instrument :
MSVOA_V
ClientSampleId :

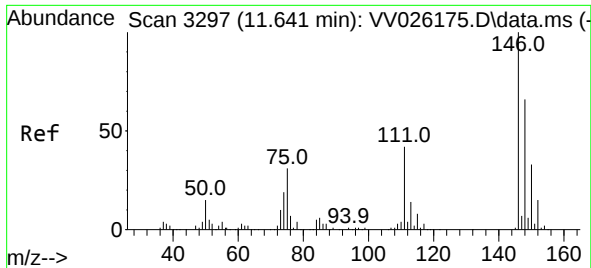
Tgt Ion:146 Resp: 141191
Ion Ratio Lower Upper
146 100
111 39.5 27.2 50.4
148 64.5 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.678 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

Tgt Ion:146 Resp: 140714
Ion Ratio Lower Upper
146 100
111 38.2 27.2 50.4
148 63.6 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 4.692 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

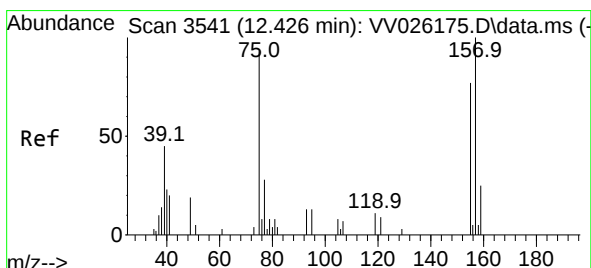
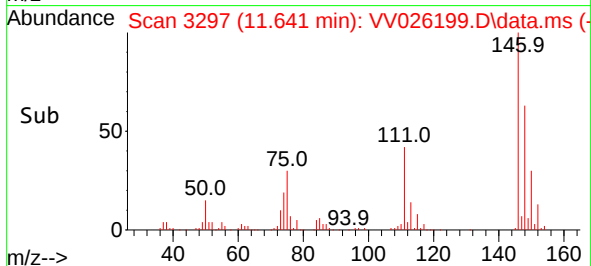
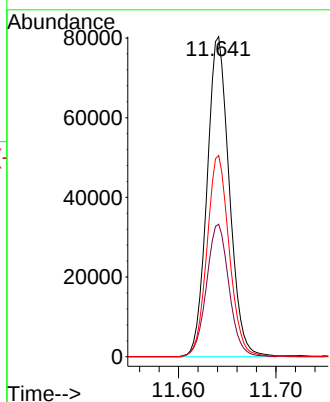
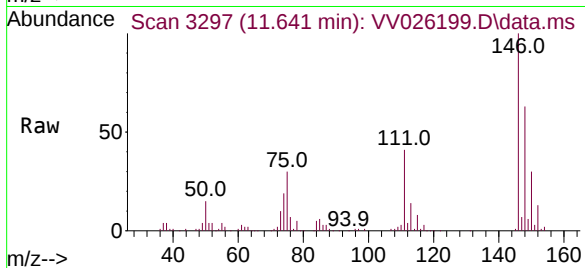
Tgt Ion:146 Resp: 127552

Ion Ratio Lower Upper

146 100

111 41.4 32.6 49.0

148 62.9 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.701 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026199.D

Acq: 13 Jun 2022 10:08

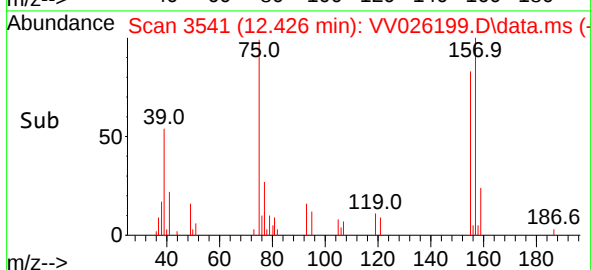
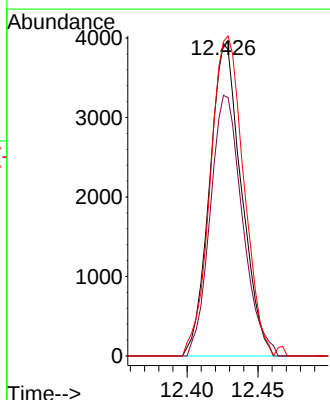
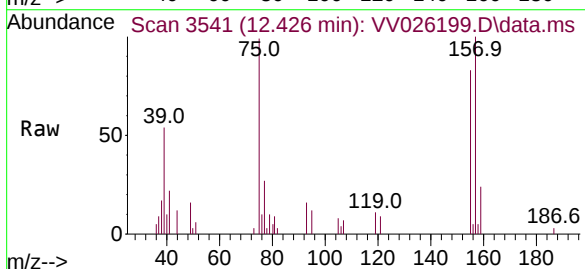
Tgt Ion: 75 Resp: 6155

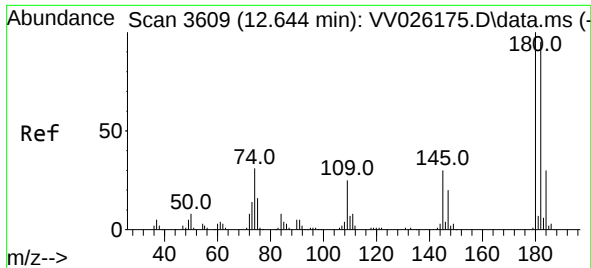
Ion Ratio Lower Upper

75 100

155 83.5 67.0 100.6

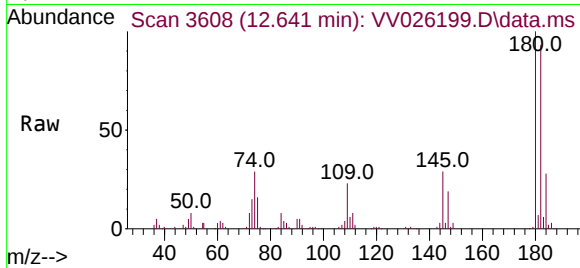
157 100.7 77.7 116.5



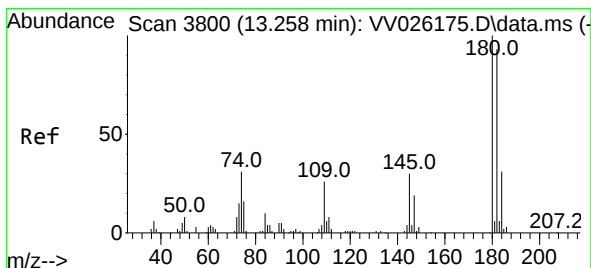
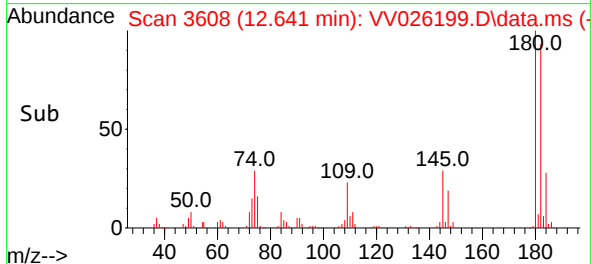
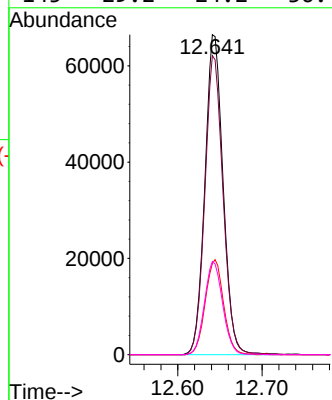


#69
 1,3,5-Trichlorobenzene
 Concen: 4.692 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV026199.D
 Acq: 13 Jun 2022 10:08

Instrument :
 MSVOA_V
 ClientSampleId :

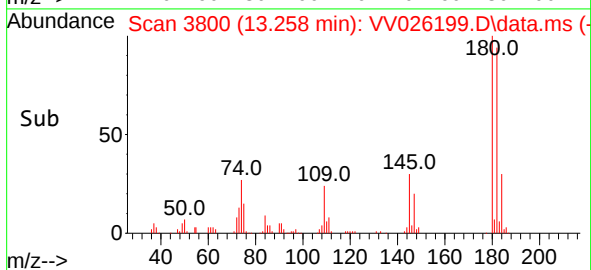
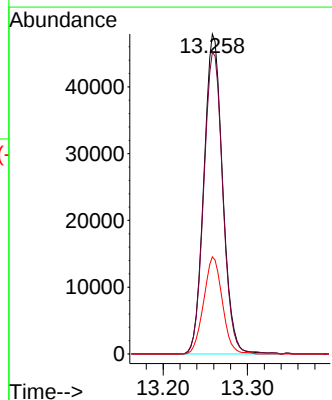
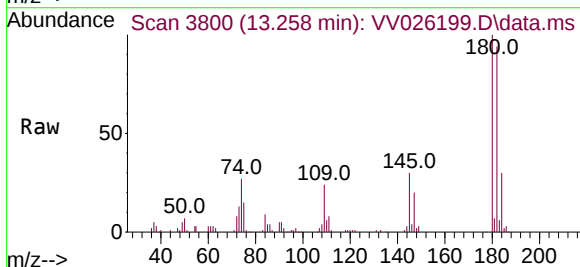


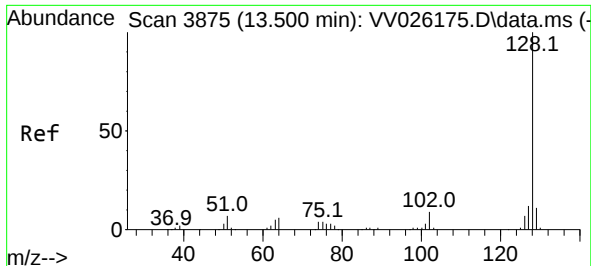
Tgt Ion:180 Resp: 99994
 Ion Ratio Lower Upper
 180 100
 182 93.3 74.6 111.8
 184 29.9 23.5 35.3
 145 29.2 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.826 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026199.D
 Acq: 13 Jun 2022 10:08

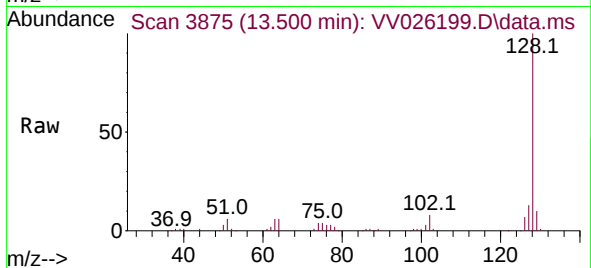
Tgt Ion:180 Resp: 74040
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.8 113.6
 145 30.2 23.8 35.8



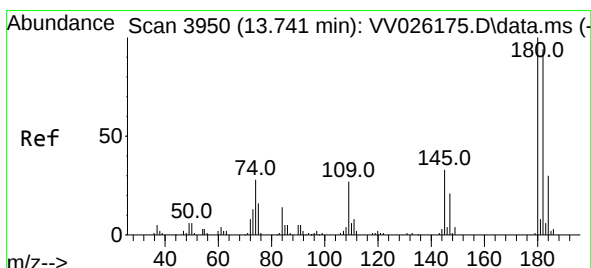
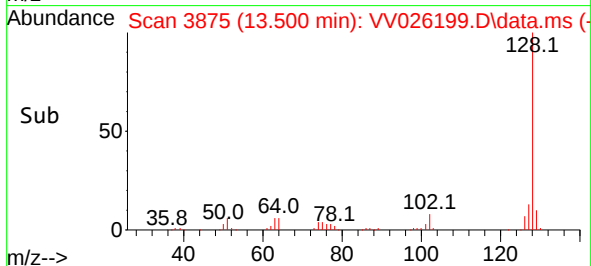
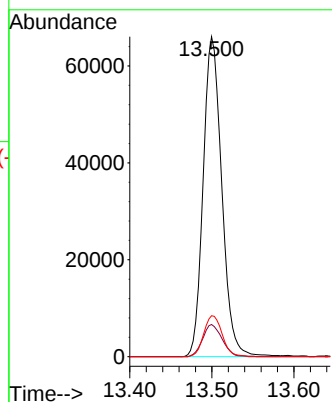


#71
Naphthalene
Concen: 4.858 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 104179
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 12.7 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 4.936 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026199.D
Acq: 13 Jun 2022 10:08

Tgt Ion:180 Resp: 62520
Ion Ratio Lower Upper
180 100
182 97.3 72.3 108.5
145 32.8 25.4 38.0

