

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061222\
 Data File : VW026173.D
 Acq On : 12 Jun 2022 19:08
 Operator : SY/MD
 Sample : VSTD02065
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 02:30:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:27:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	242174	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	229409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	118300	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	472502	14.920	ug/L	0.00
7) Chloroethane-d5	1.581	69	362800	14.544	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.121	63	812077	15.947	ug/L	0.00
20) 2-Butanone-d5	3.902	46	443170	187.833	ug/L	-0.01
24) Chloroform-d	4.359	84	692995	15.430	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	277551	15.328	ug/L	0.00
32) Benzene-d6	5.056	84	1462345	16.351	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	403801	15.657	ug/L	0.00
41) Toluene-d8	7.317	98	1360495	17.084	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	143599	18.448	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	555337	229.122	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	256455	16.690	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	428845	16.172	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	452127	20.310	ug/L	98
3) Chloromethane	1.256	50	459629	19.023	ug/L	99
5) Vinyl chloride	1.323	62	506730	20.026	ug/L	99
6) Bromomethane	1.536	94	281918	19.065	ug/L	96
8) Chloroethane	1.600	64	311066	19.706	ug/L	100
9) Trichlorofluoromethane	1.767	101	686836	20.154	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	393430	20.315	ug/L	99
12) 1,1-Dichloroethene	2.130	96	369653	19.962	ug/L	86
13) Acetone	2.198	43	281957	209.012	ug/L	87
14) Carbon disulfide	2.307	76	969231	20.611	ug/L	100
15) Methyl Acetate	2.452	43	78076	19.829	ug/L	93
16) Methylene chloride	2.519	84	351015	18.391	ug/L	99
17) Methyl tert-butyl Ether	2.783	73	686859	22.812	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	365531	20.588	ug/L	99
19) 1,1-Dichloroethane	3.201	63	683927	20.073	ug/L	99
21) 2-Butanone	3.986	43	429268	229.231	ug/L	87
22) cis-1,2-Dichloroethene	3.921	96	398945	22.336	ug/L	100
23) Bromochloromethane	4.259	128	152440	20.440	ug/L	96
25) Chloroform	4.384	83	711404	19.978	ug/L	100
27) 1,2-Dichloroethane	5.137	62	349975	21.146	ug/L	98
29) 1,1,1-Trichloroethane	4.619	97	621288	20.654	ug/L	98
30) Cyclohexane	4.687	56	574619	24.943	ug/L	98
31) Carbon tetrachloride	4.838	117	520730	21.420	ug/L	100
33) Benzene	5.105	78	1533134	22.098	ug/L	100
34) Trichloroethene	5.918	95	392415	20.941	ug/L	99
35) Methylcyclohexane	6.137	83	637804	25.176	ug/L	97
37) 1,2-Dichloropropane	6.175	63	376830	20.965	ug/L	99
38) Bromodichloromethane	6.513	83	463320	21.643	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	512001	25.533	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	1653402	257.061	ug/L	90
42) Toluene	7.387	91	1701197	23.159	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	409070	25.935	ug/L	100

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

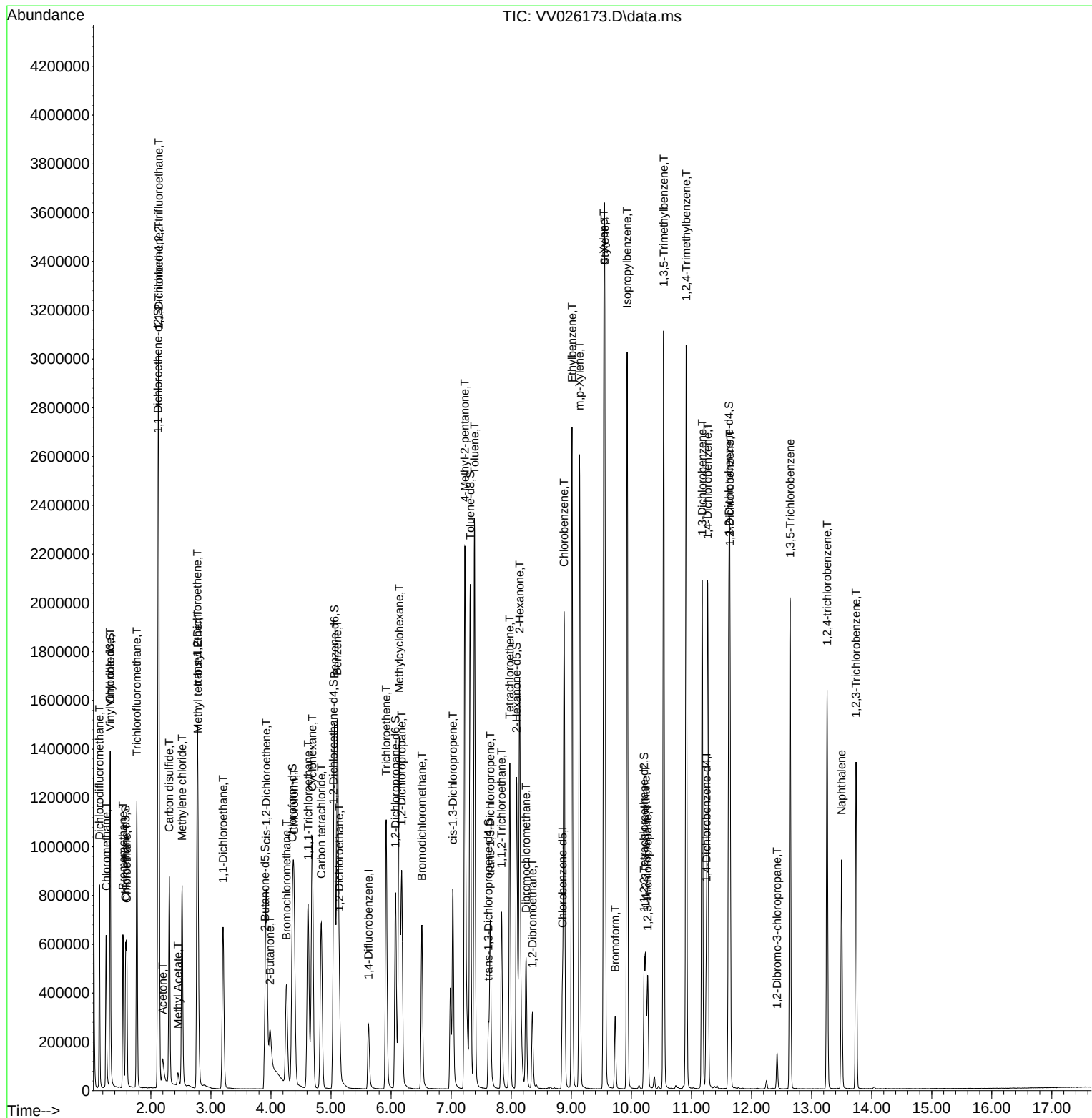
45) 1,1,2-Trichloroethane	7.838	97	241952	21.386	ug/L	99
47) Tetrachloroethene	7.976	164	295178	21.936	ug/L	99
48) 2-Hexanone	8.140	43	1139336	251.117	ug/L	95
49) Dibromochloromethane	8.246	129	282454	22.873	ug/L	94
50) 1,2-Dibromoethane	8.352	107	213209	22.031	ug/L	99
51) Chlorobenzene	8.879	112	1050455	22.240	ug/L	99
52) Ethylbenzene	9.011	91	1851906	25.408	ug/L	99
53) m,p-Xylene	9.137	106	725746	26.012	ug/L	97
54) o-Xylene	9.542	106	705457	26.154	ug/L	98
55) Styrene	9.558	104	1200089	26.985	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	266015	23.196	ug/L	98
59) Bromoform	9.731	173	132479	23.317	ug/L	99
60) Isopropylbenzene	9.931	105	1911515	24.708	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	186810	20.587	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	1609931	26.390	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	1602963	26.698	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	829135	22.478	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	816622	22.317	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	726445	21.967	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	36470	22.899	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	603238	23.269	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	464010	24.863	ug/L	99
71) Naphthalene	13.500	128	715877	27.442	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	391331	25.398	ug/L	97

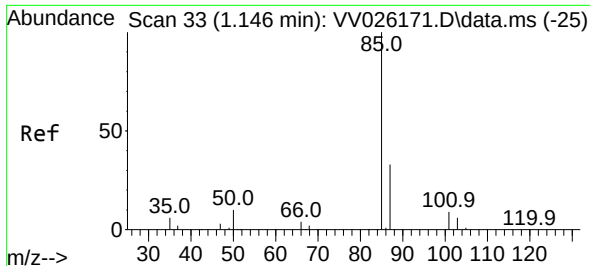
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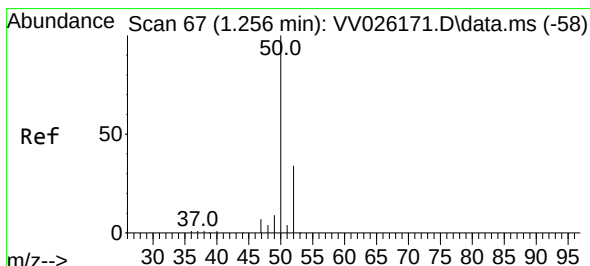
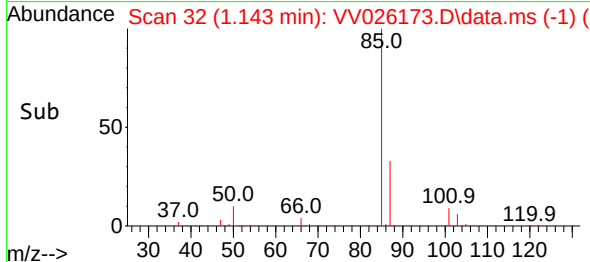
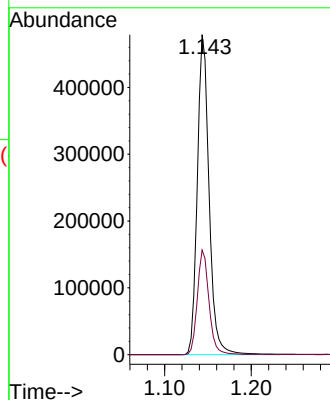
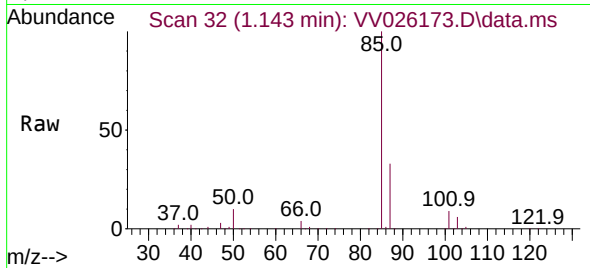




#2
 Dichlorodifluoromethane
 Concen: 20.310 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV026173.D
 Acq: 12 Jun 2022 19:08

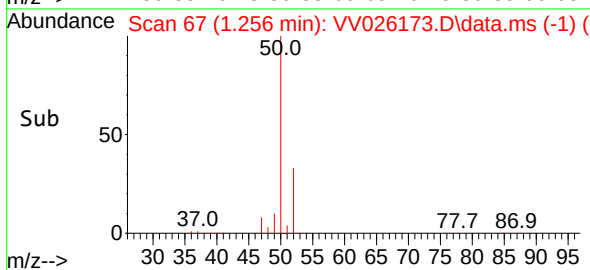
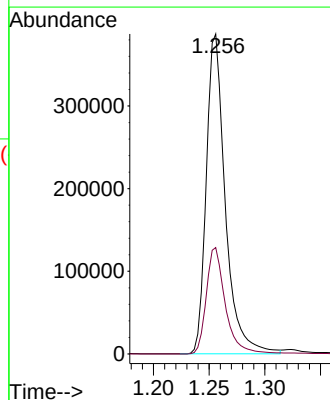
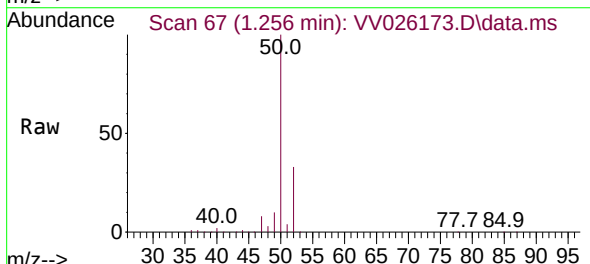
Instrument :
 MSVOA_V
 ClientSampleId :

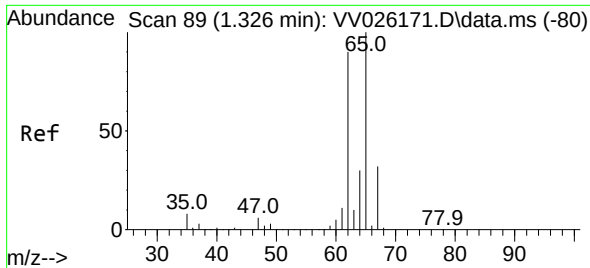
Tgt Ion: 85 Resp: 452127
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.7 40.1



#3
 Chloromethane
 Concen: 19.023 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: VV026173.D
 Acq: 12 Jun 2022 19:08

Tgt Ion: 50 Resp: 459629
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.6 43.8

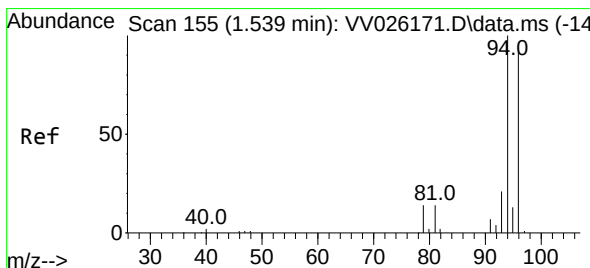
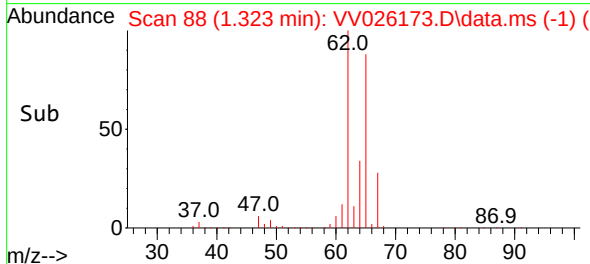
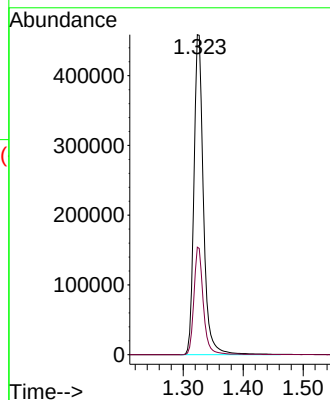
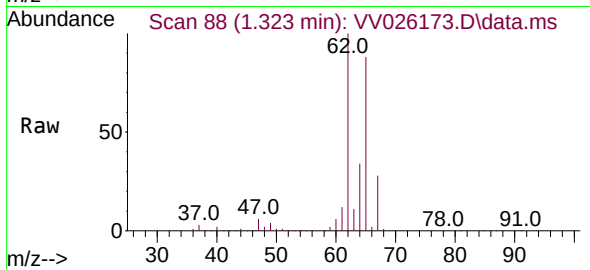




#5
 Vinyl chloride
 Concen: 20.026 ug/L
 RT: 1.323 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV026173.D
 Acq: 12 Jun 2022 19:08

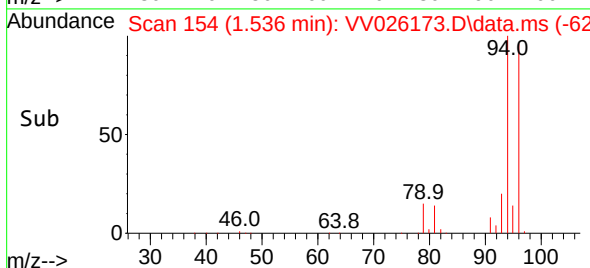
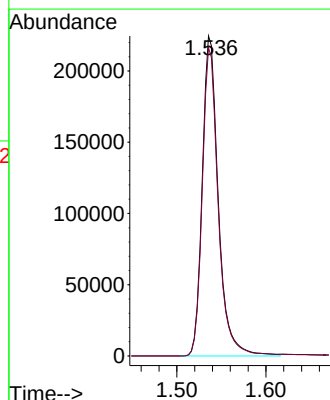
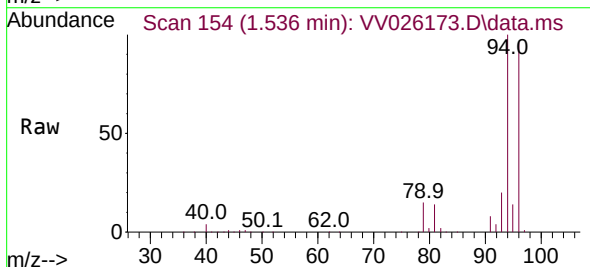
Instrument :
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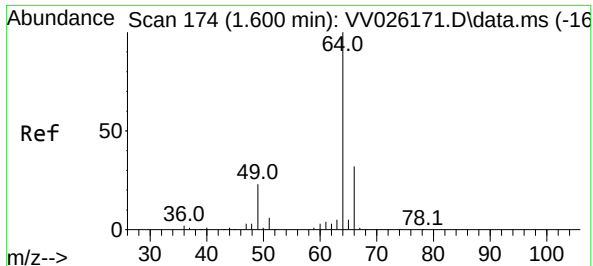
Tgt Ion: 62 Resp: 506730
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.2 43.2



#6
 Bromomethane
 Concen: 19.065 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. -0.003 min
 Lab File: VV026173.D
 Acq: 12 Jun 2022 19:08

Tgt Ion: 94 Resp: 281918
 Ion Ratio Lower Upper
 94 100
 96 96.3 64.5 119.7

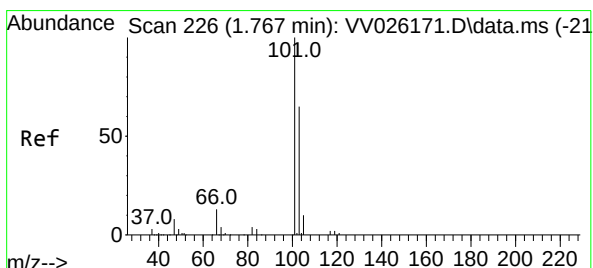
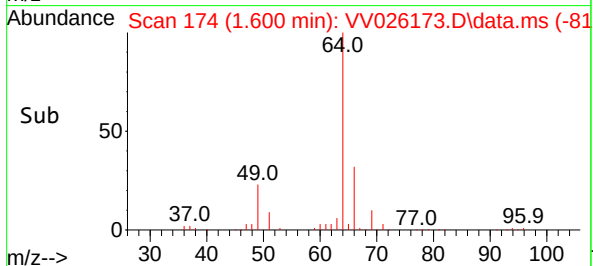
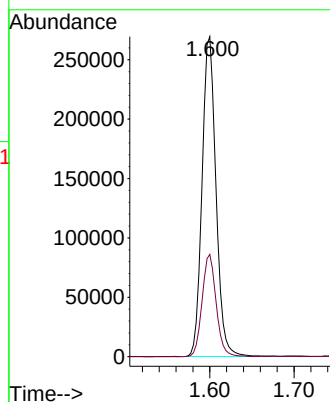
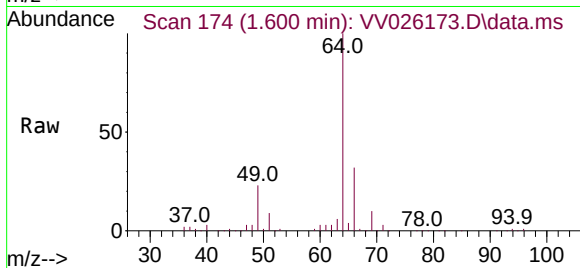




#8
Chloroethane
Concen: 19.706 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

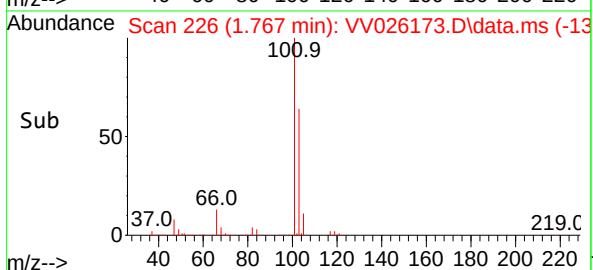
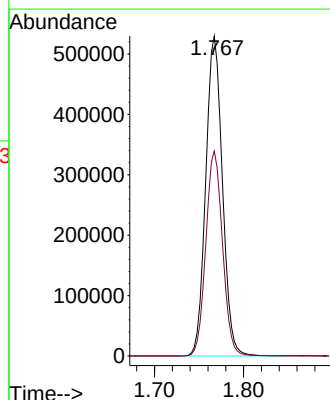
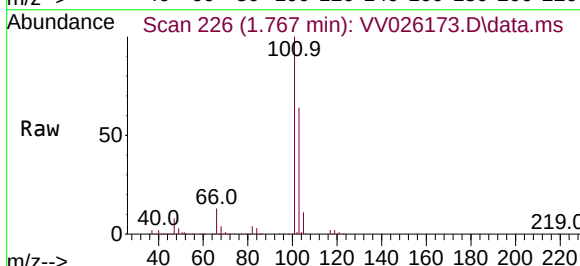
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MSVOA_V
ClientSampleId :

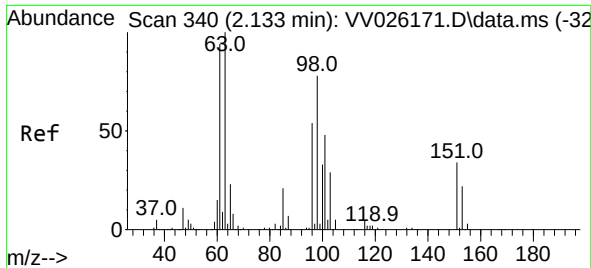
Tgt Ion: 64 Resp: 311066
Ion Ratio Lower Upper
64 100
66 31.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 20.154 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.000 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

Tgt Ion:101 Resp: 686836
Ion Ratio Lower Upper
101 100
103 64.1 52.9 79.3

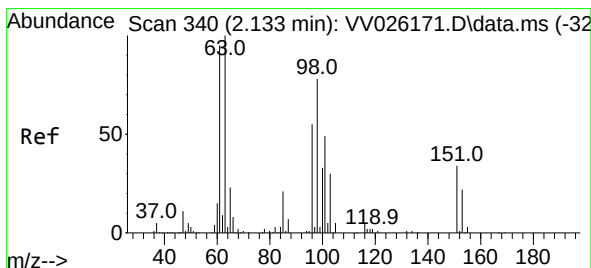
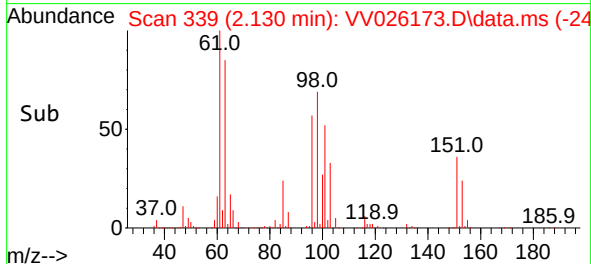
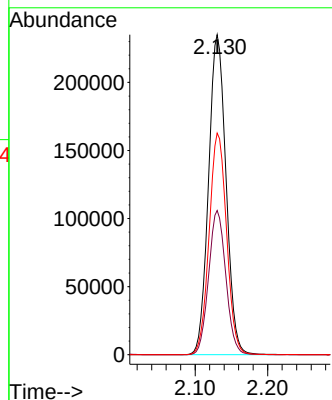
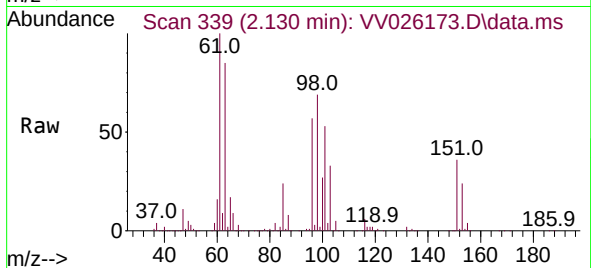




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.315 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. -0.003 min
 Lab File: VV026173.D
 Acq: 12 Jun 2022 19:08

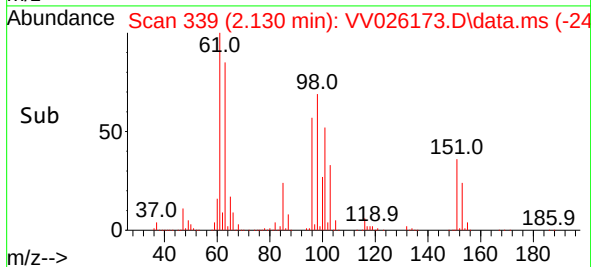
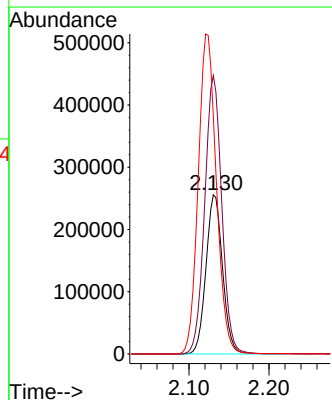
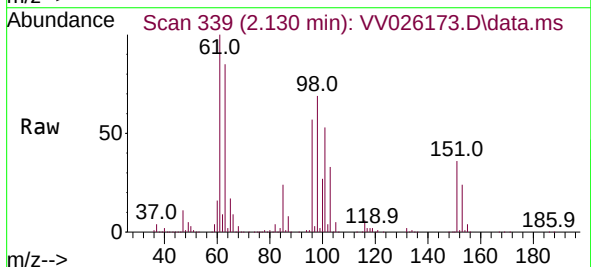
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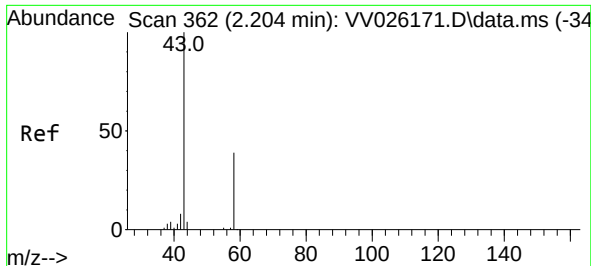
Tgt Ion:101 Resp: 393430
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.3 52.9
 151 69.2 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 19.962 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. -0.003 min
 Lab File: VV026173.D
 Acq: 12 Jun 2022 19:08

Tgt Ion: 96 Resp: 369653
 Ion Ratio Lower Upper
 96 100
 61 174.9 120.5 223.7
 63 149.5 129.3 240.1





#13

Acetone

Concen: 209.012 ug/L

RT: 2.198 min Scan# 30

Delta R.T. -0.006 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

Instrument :

MSVOA_V

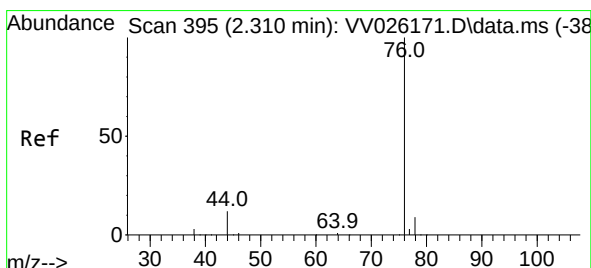
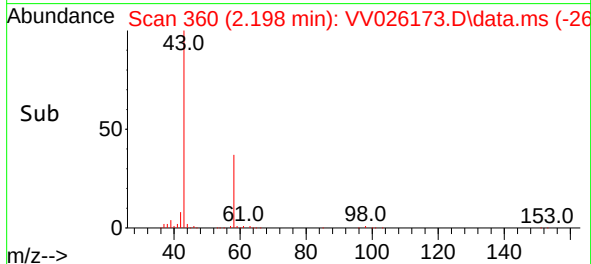
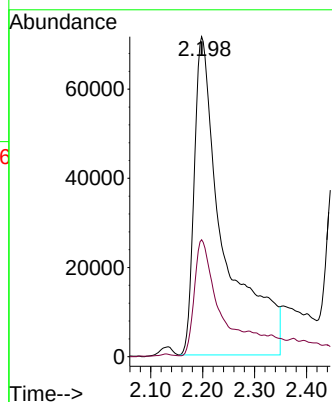
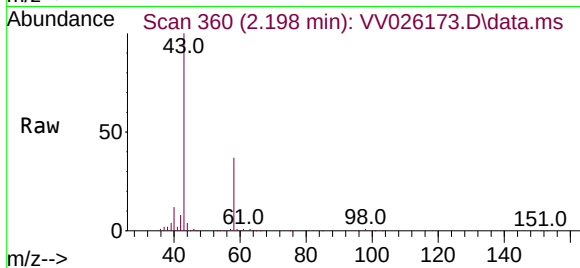
ClientSampleId :

Tgt Ion: 43 Resp: 281957

Ion Ratio Lower Upper

43 100

58 29.1 0.0 73.6



#14

Carbon disulfide

Concen: 20.611 ug/L

RT: 2.307 min Scan# 394

Delta R.T. -0.003 min

Lab File: VV026173.D

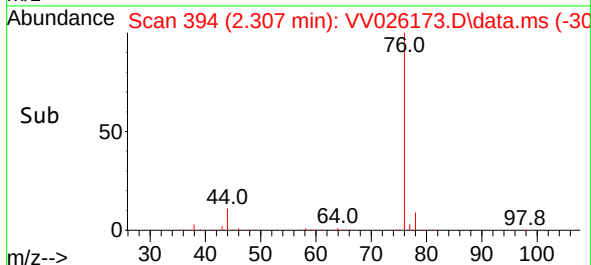
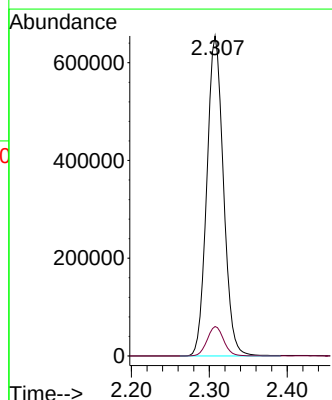
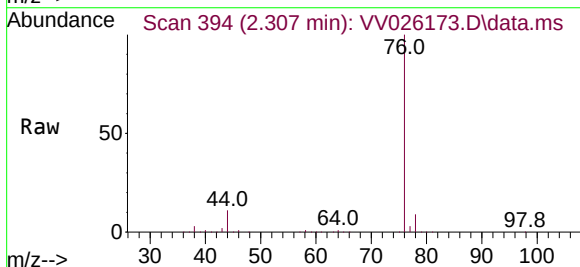
Acq: 12 Jun 2022 19:08

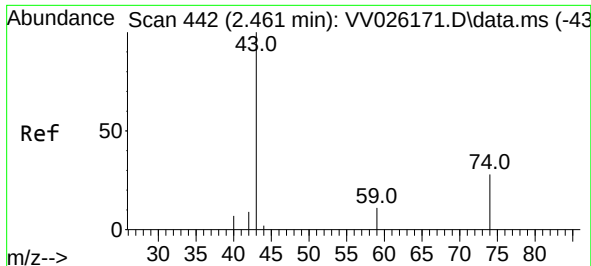
Tgt Ion: 76 Resp: 969231

Ion Ratio Lower Upper

76 100

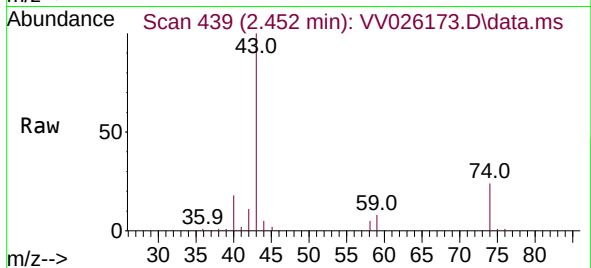
78 9.2 7.4 11.2



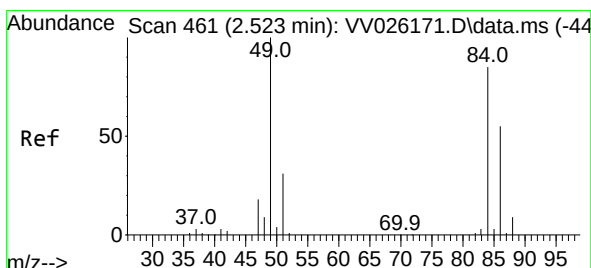
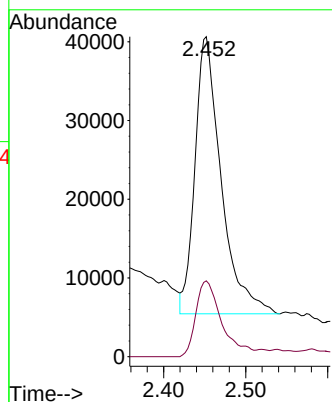
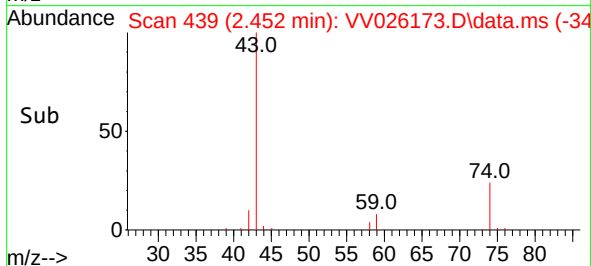


#15
Methyl Acetate
Concen: 19.829 ug/L
RT: 2.452 min Scan# 41
Delta R.T. -0.009 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

Instrument :
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ClientSampleId :

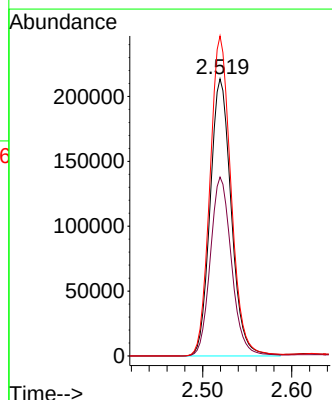
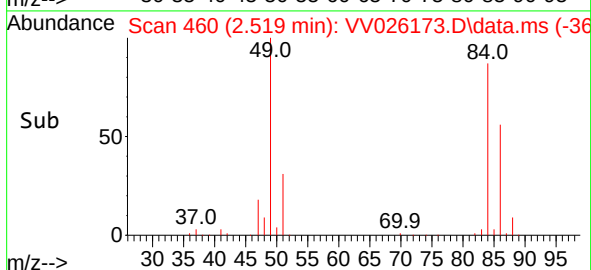
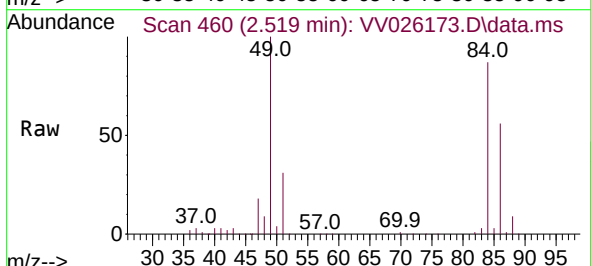


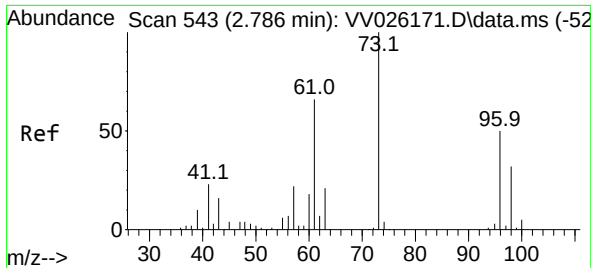
Tgt Ion: 43 Resp: 78076
Ion Ratio Lower Upper
43 100
74 27.1 18.9 28.3



#16
Methylene chloride
Concen: 18.391 ug/L
RT: 2.519 min Scan# 460
Delta R.T. -0.003 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

Tgt Ion: 84 Resp: 351015
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.7
49 115.5 82.3 152.9

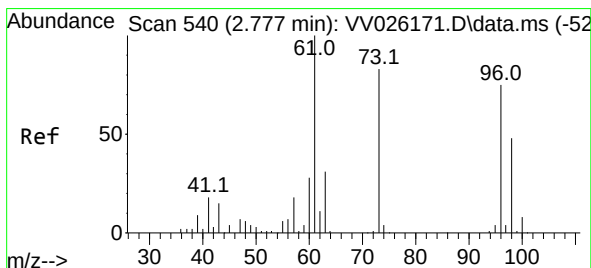
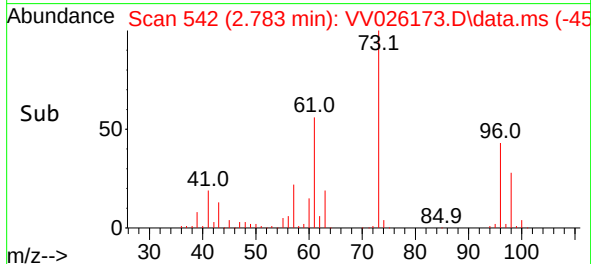
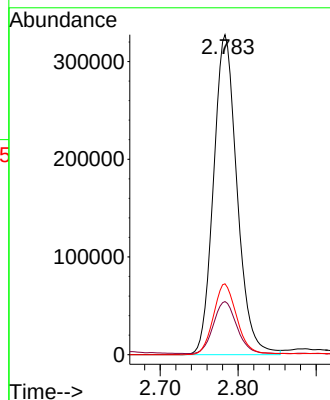
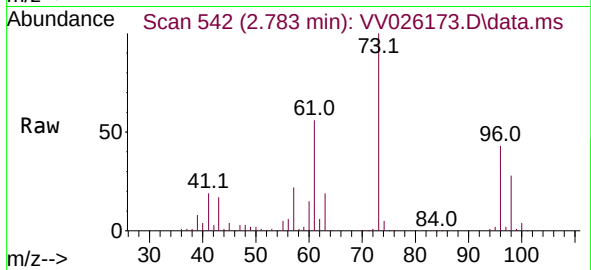




#17
Methyl tert-butyl Ether
Concen: 22.812 ug/L
RT: 2.783 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

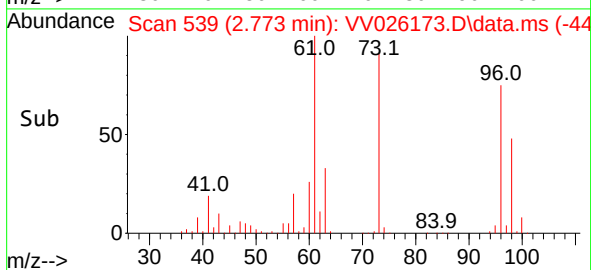
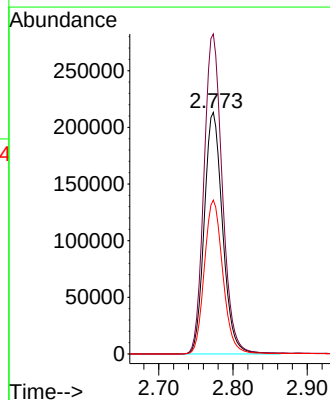
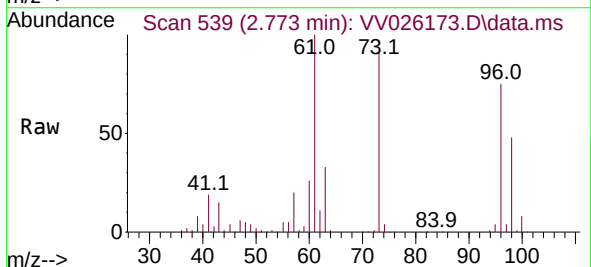
Instrument :
MSVOA_V
ClientSampleId :

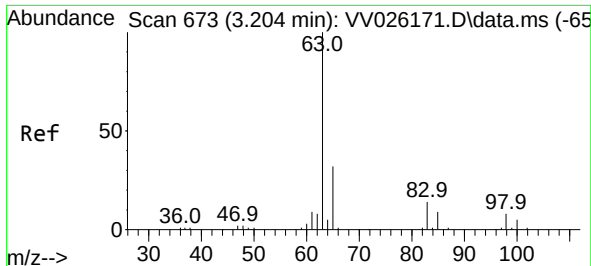
Tgt Ion: 73 Resp: 686859
Ion Ratio Lower Upper
73 100
43 16.0 13.4 20.2
57 22.1 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 20.588 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.003 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

Tgt Ion: 96 Resp: 365531
Ion Ratio Lower Upper
96 100
61 132.5 93.5 173.7
98 63.7 44.7 83.1





#19

1,1-Dichloroethane

Concen: 20.073 ug/L

RT: 3.201 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

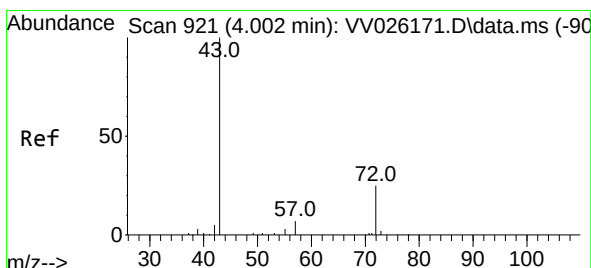
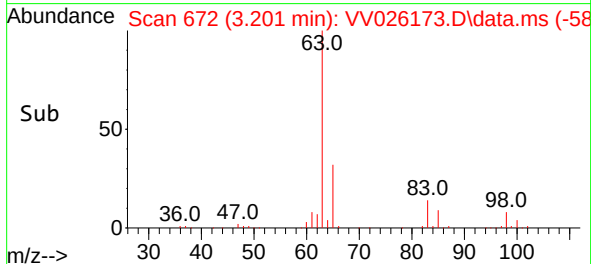
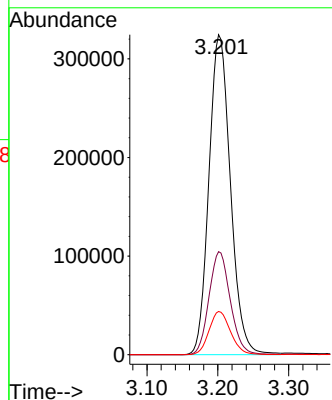
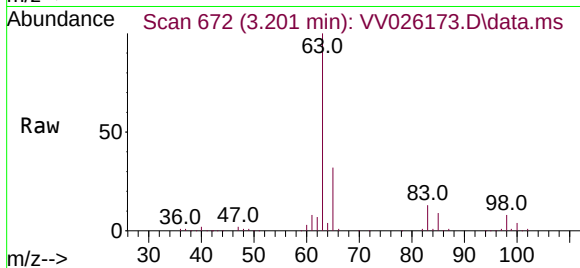
Tgt Ion: 63 Resp: 683927

Ion Ratio Lower Upper

63 100

65 32.2 22.1 41.1

83 13.5 9.5 17.7



#21

2-Butanone

Concen: 229.231 ug/L

RT: 3.986 min Scan# 916

Delta R.T. -0.016 min

Lab File: VV026173.D

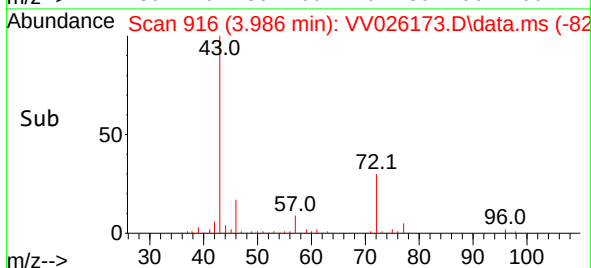
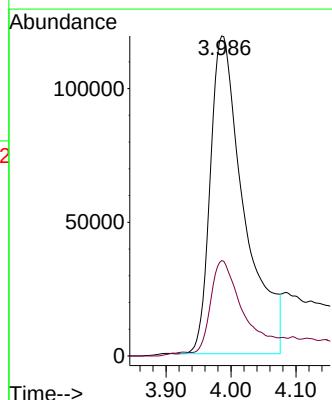
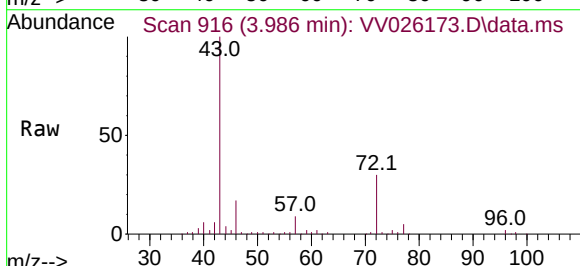
Acq: 12 Jun 2022 19:08

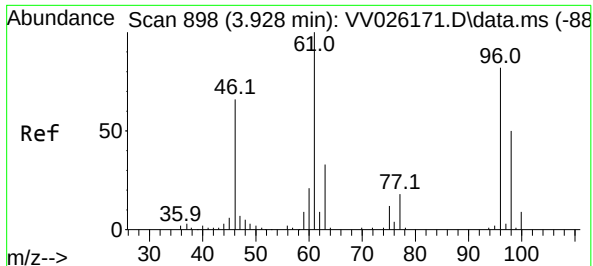
Tgt Ion: 43 Resp: 429268

Ion Ratio Lower Upper

43 100

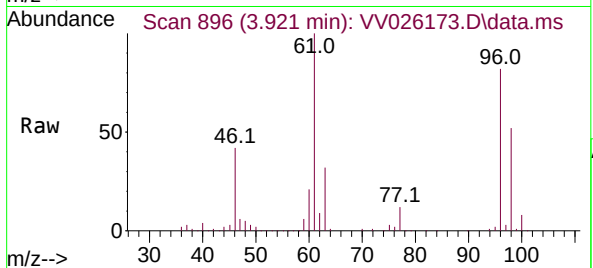
72 27.3 10.6 31.8



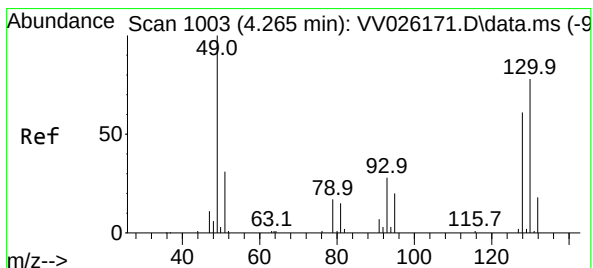
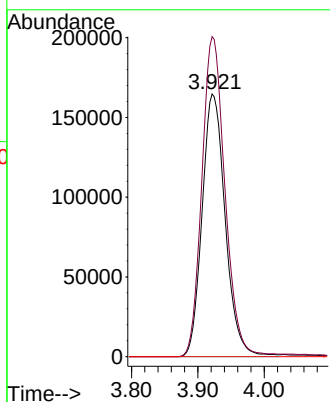
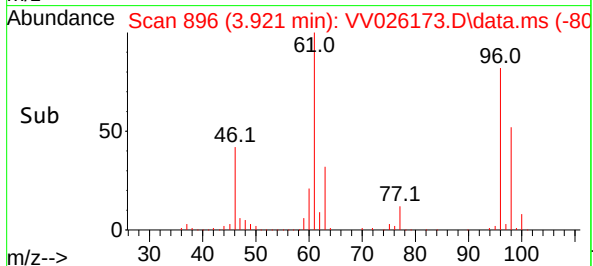


#22
 cis-1,2-Dichloroethene
 Concen: 22.336 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. -0.006 min
 Lab File: VV026173.D
 Acq: 12 Jun 2022 19:08

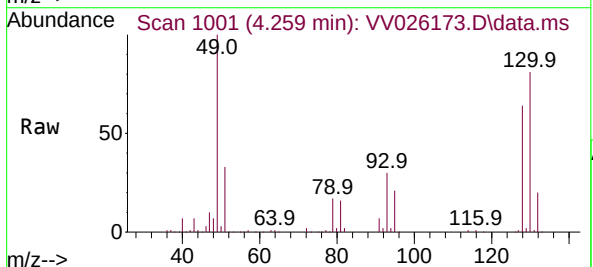
Instrument :
 MSVOA_V
 ClientSampleId :



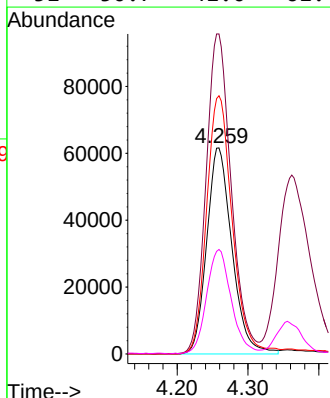
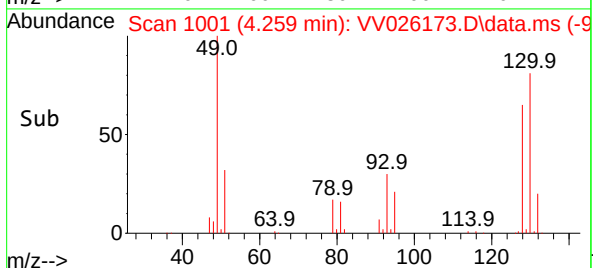
Tgt Ion: 96 Resp: 398945
 Ion Ratio Lower Upper
 96 100
 61 121.8 85.2 158.2
 68 0.0 0.0 0.0

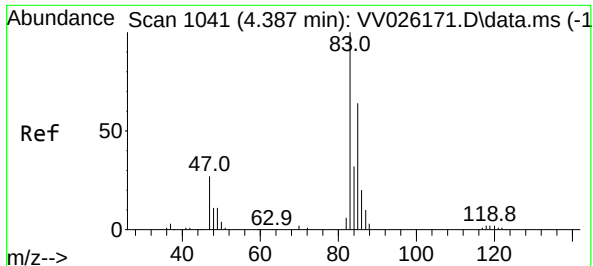


#23
 Bromochloromethane
 Concen: 20.440 ug/L
 RT: 4.259 min Scan# 1001
 Delta R.T. -0.006 min
 Lab File: VV026173.D
 Acq: 12 Jun 2022 19:08



Tgt Ion: 128 Resp: 152440
 Ion Ratio Lower Upper
 128 100
 49 155.3 114.9 213.5
 130 125.4 89.1 165.5
 51 50.7 41.0 61.4





#25

Chloroform

Concen: 19.978 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. -0.003 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

Instrument :

MSVOA_V

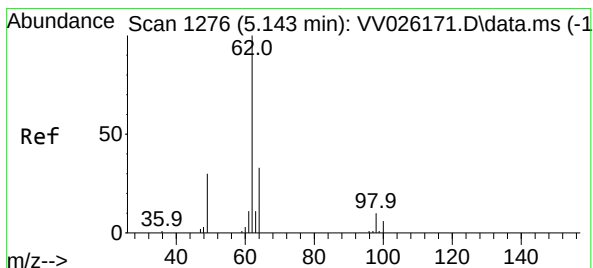
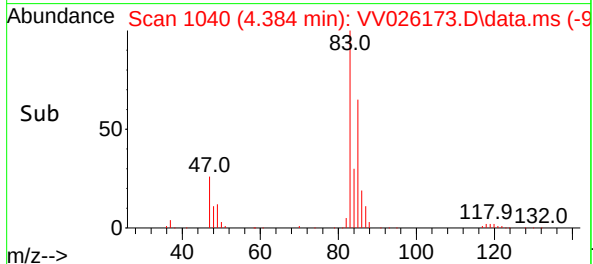
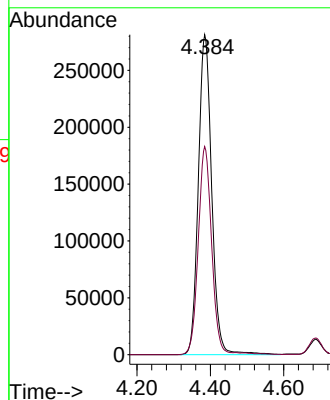
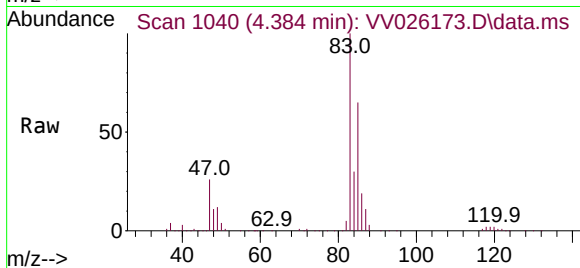
ClientSampleId :

Tgt Ion: 83 Resp: 711404

Ion Ratio Lower Upper

83 100

85 65.1 45.3 84.1



#27

1,2-Dichloroethane

Concen: 21.146 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.006 min

Lab File: VV026173.D

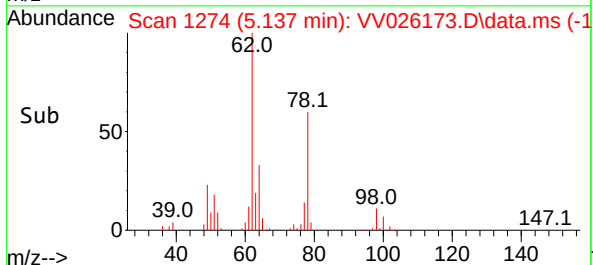
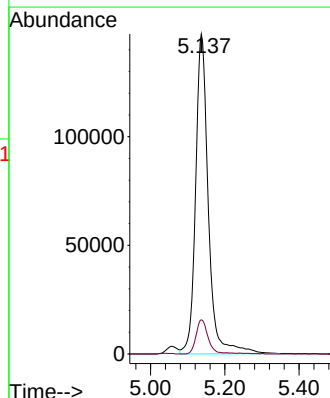
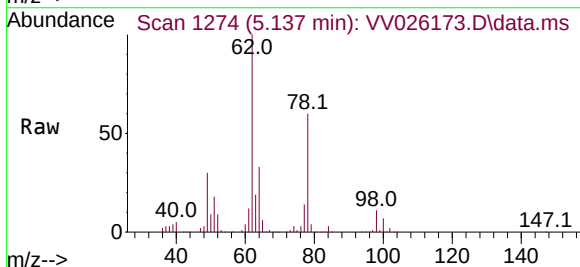
Acq: 12 Jun 2022 19:08

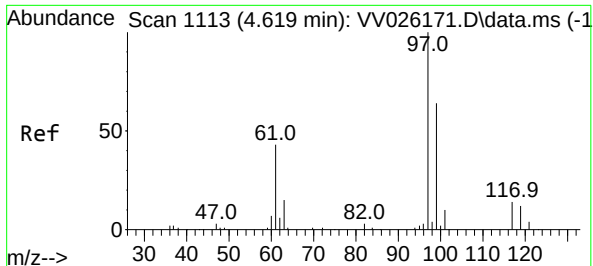
Tgt Ion: 62 Resp: 349975

Ion Ratio Lower Upper

62 100

98 10.7 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 20.654 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

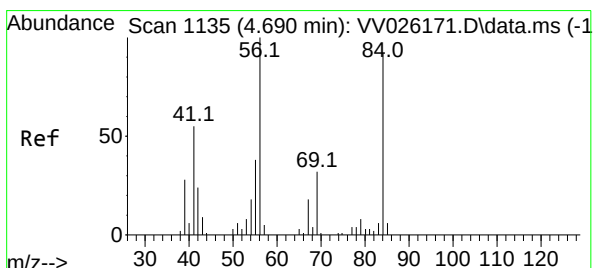
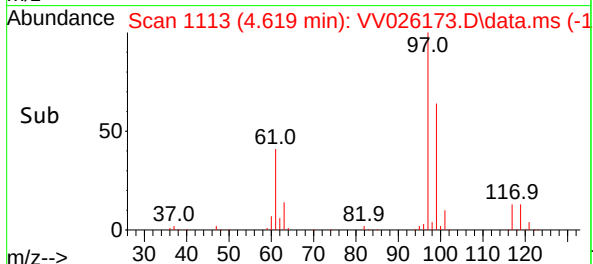
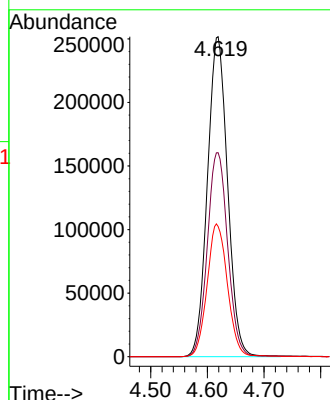
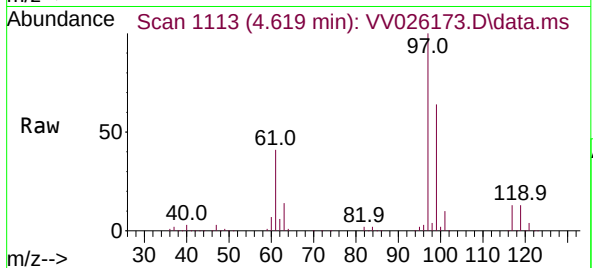
Tgt Ion: 97 Resp: 621288

Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 41.9 34.9 52.3



#30

Cyclohexane

Concen: 24.943 ug/L

RT: 4.687 min Scan# 1134

Delta R.T. -0.003 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

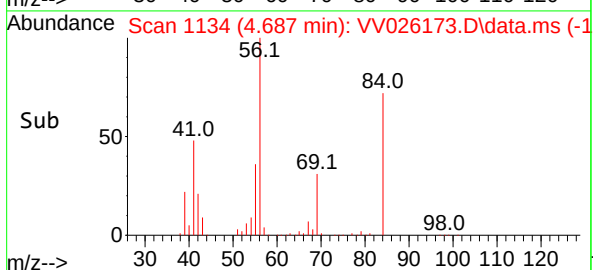
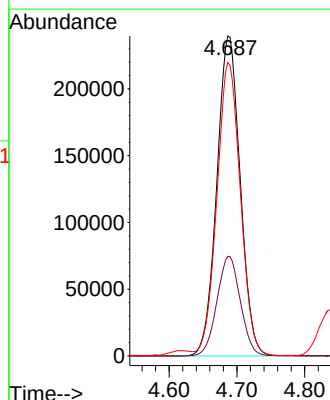
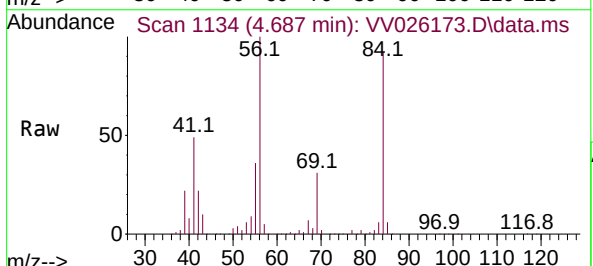
Tgt Ion: 56 Resp: 574619

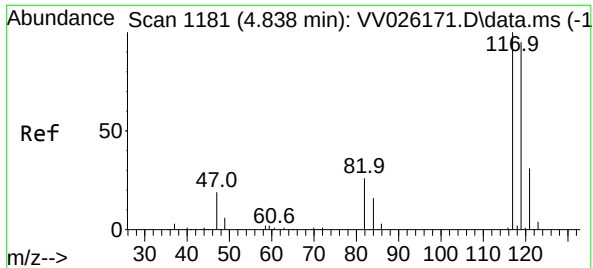
Ion Ratio Lower Upper

56 100

69 31.2 24.8 37.2

84 92.0 75.7 113.5

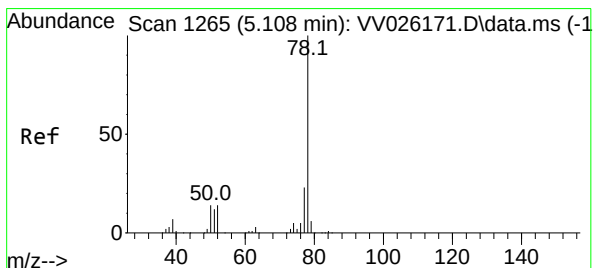
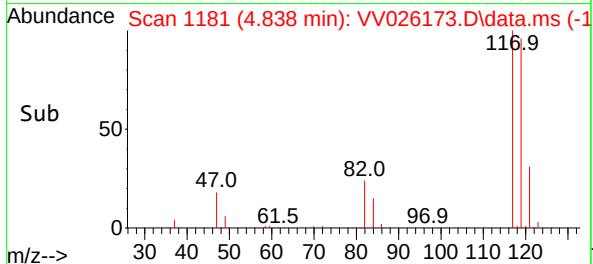
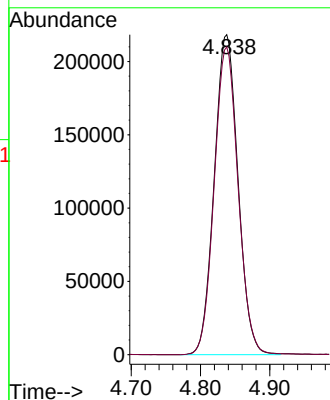
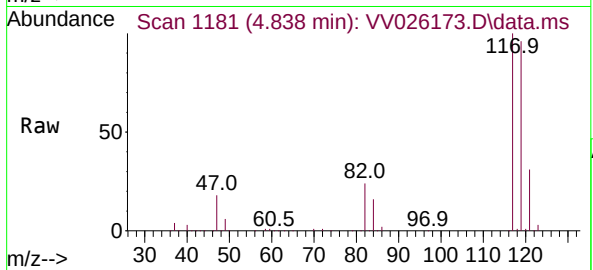




#31
Carbon tetrachloride
Concen: 21.420 ug/L
RT: 4.838 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

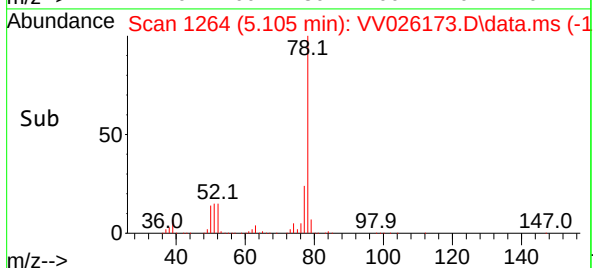
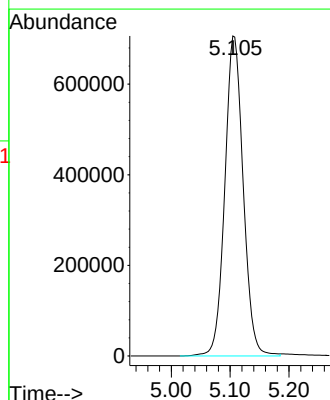
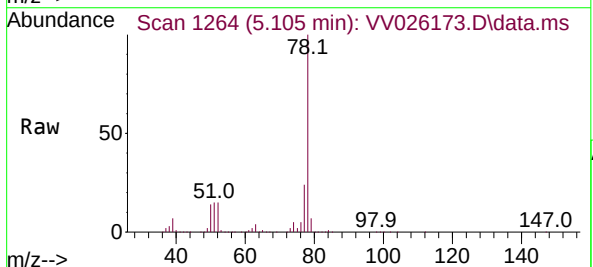
Instrument :
MSVOA_V
ClientSampleId :

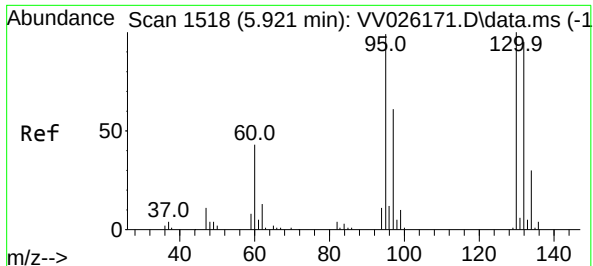
Tgt Ion:117 Resp: 520730
Ion Ratio Lower Upper
117 100
119 96.9 77.8 116.8



#33
Benzene
Concen: 22.098 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. -0.003 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

Tgt Ion: 78 Resp: 1533134

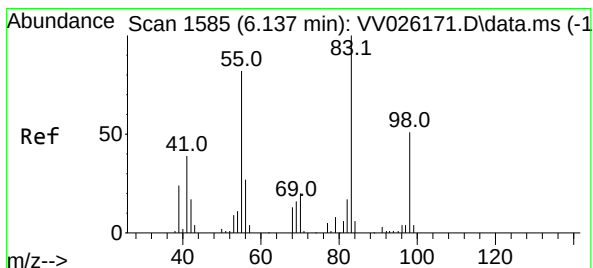
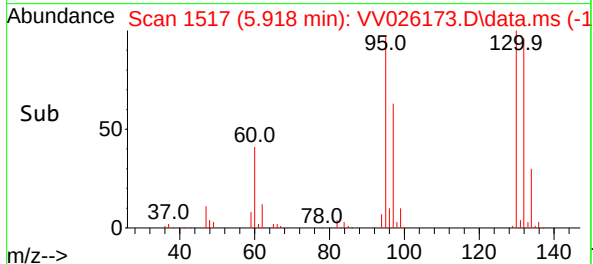
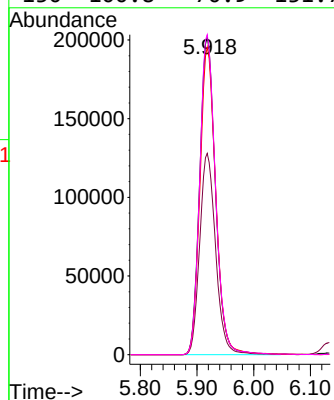
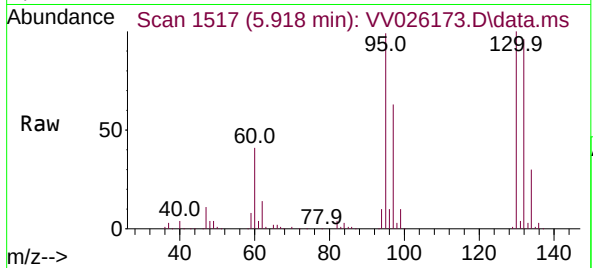




#34
Trichloroethene
Concen: 20.941 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

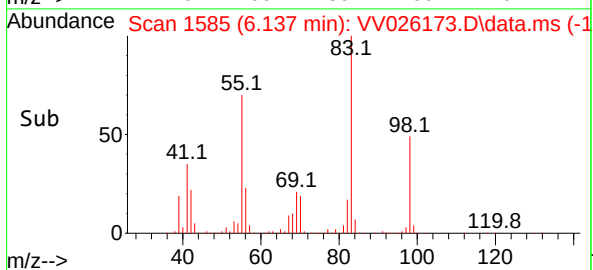
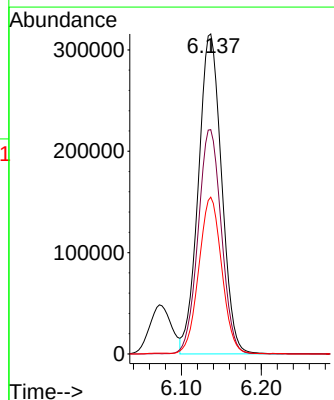
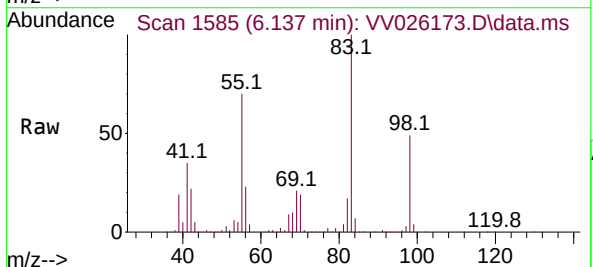
Instrument :
MSVOA_V
ClientSampleId :

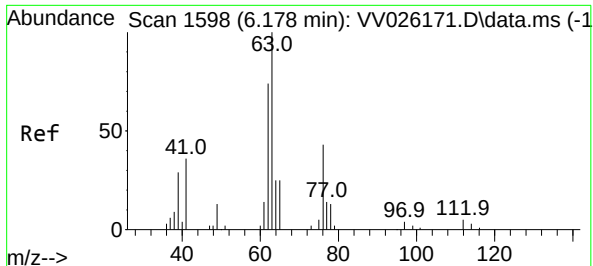
Tgt Ion: 95 Resp: 392415
Ion Ratio Lower Upper
95 100
97 63.4 43.3 80.3
132 97.0 67.5 125.4
130 100.8 70.9 131.7



#35
Methylcyclohexane
Concen: 25.176 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

Tgt Ion: 83 Resp: 637804
Ion Ratio Lower Upper
83 100
55 70.2 59.5 89.3
98 48.4 38.4 57.6





#37

1,2-Dichloropropane

Concen: 20.965 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

Instrument :

MSVOA_V

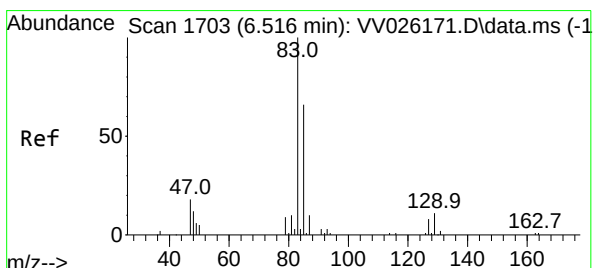
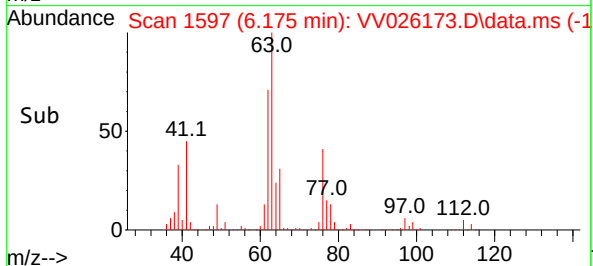
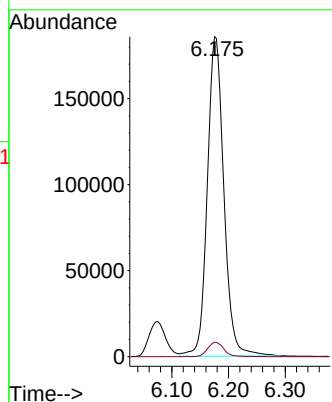
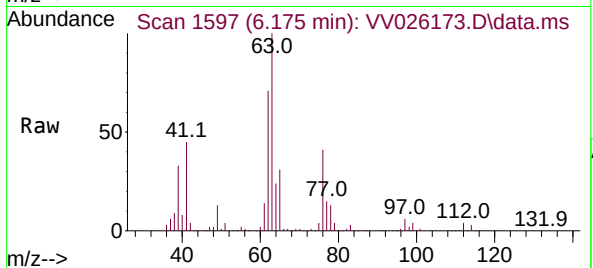
ClientSampleId :

Tgt Ion: 63 Resp: 376830

Ion Ratio Lower Upper

63 100

112 4.4 3.9 5.9



#38

Bromodichloromethane

Concen: 21.643 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.003 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

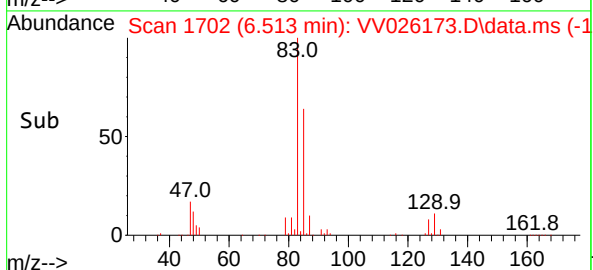
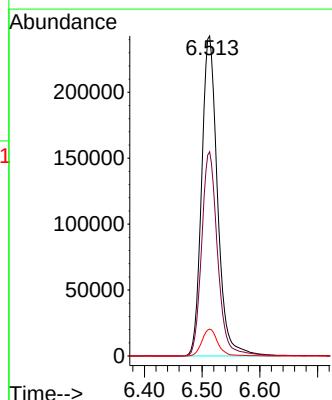
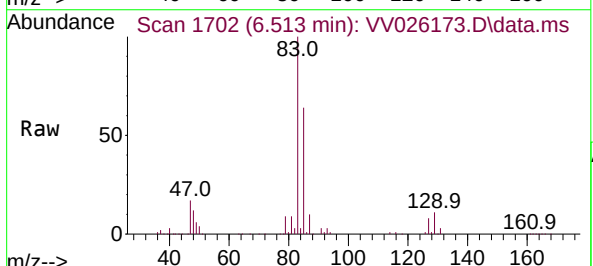
Tgt Ion: 83 Resp: 463320

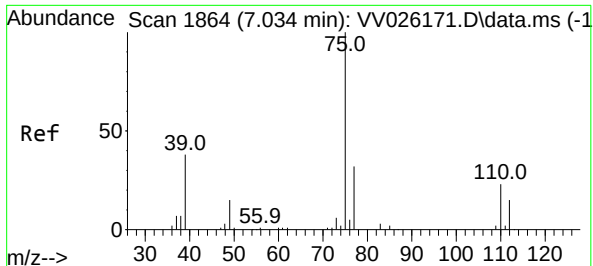
Ion Ratio Lower Upper

83 100

85 63.8 46.0 85.4

127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 25.533 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.006 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

Instrument :

MSVOA_V

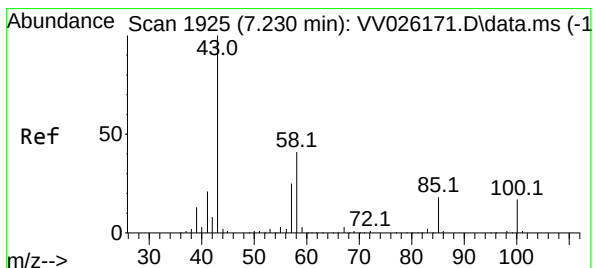
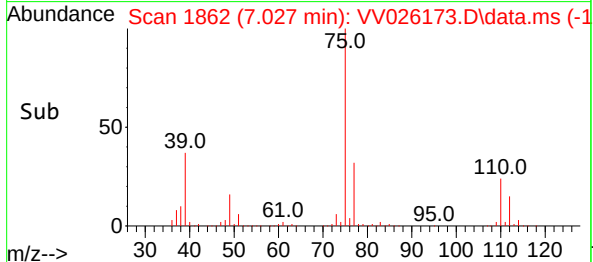
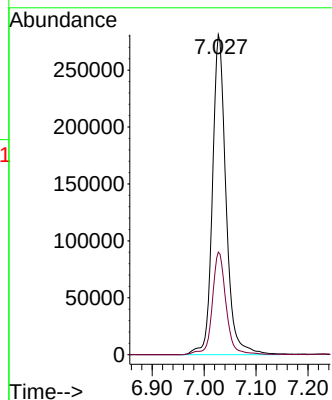
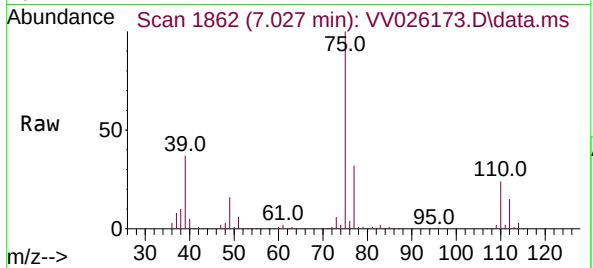
ClientSampleId :

Tgt Ion: 75 Resp: 512001

Ion Ratio Lower Upper

75 100

77 32.1 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 257.061 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

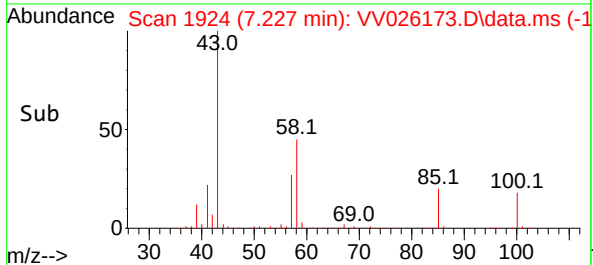
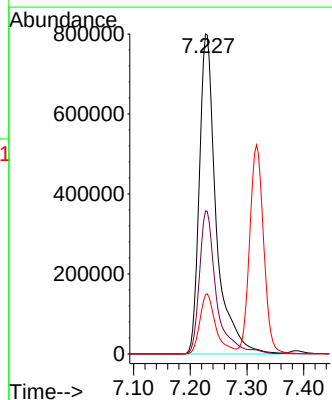
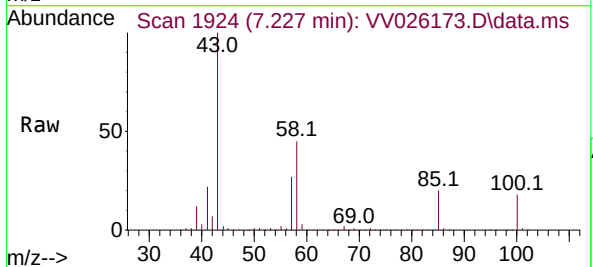
Tgt Ion: 43 Resp: 1653402

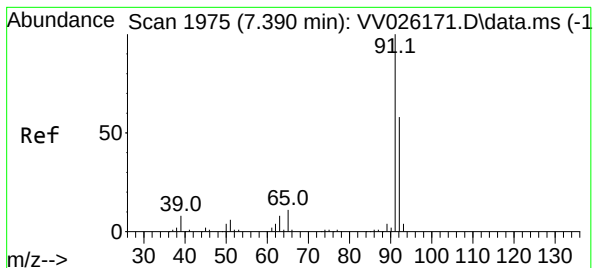
Ion Ratio Lower Upper

43 100

58 45.1 30.9 46.3

100 17.9 12.0 18.0





#42

Toluene

Concen: 23.159 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

Instrument :

MSVOA_V

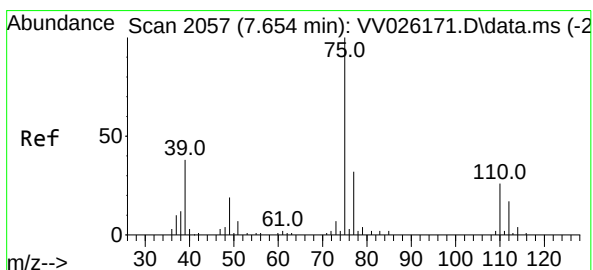
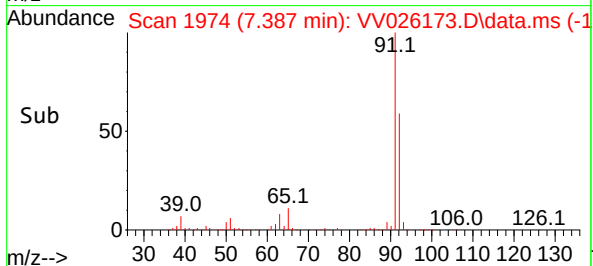
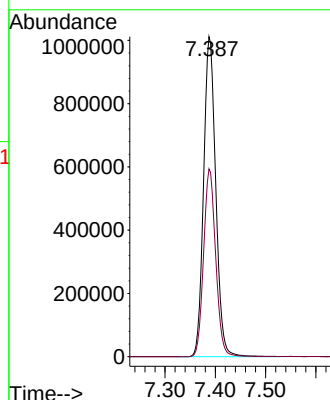
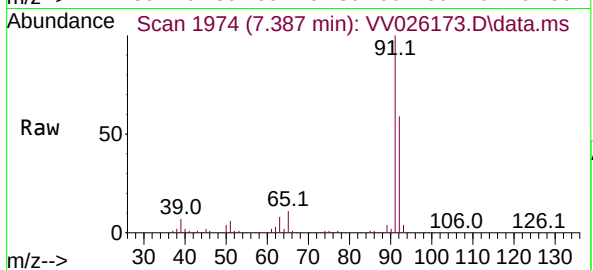
ClientSampleId :

Tgt Ion: 91 Resp: 1701197

Ion Ratio Lower Upper

91 100

92 58.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 25.935 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV026173.D

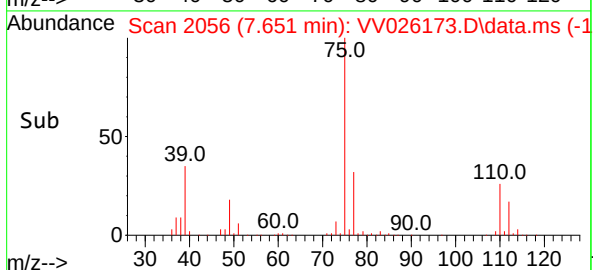
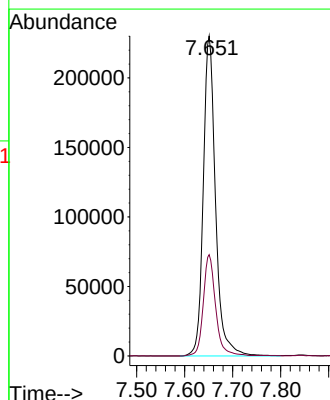
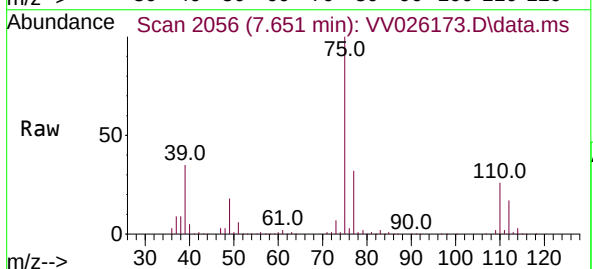
Acq: 12 Jun 2022 19:08

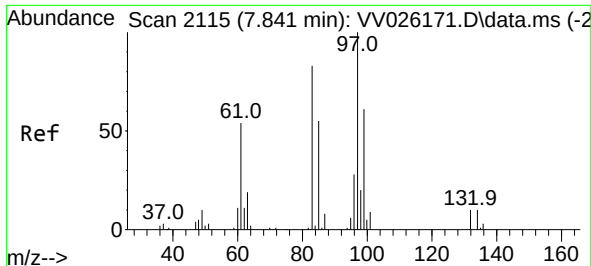
Tgt Ion: 75 Resp: 409070

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 21.386 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 241952

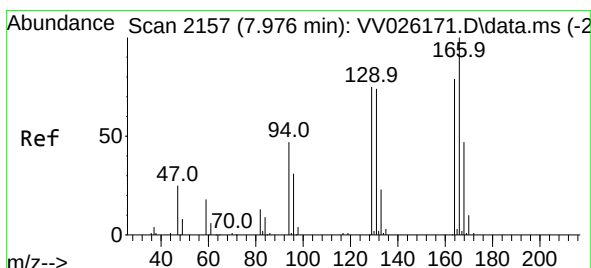
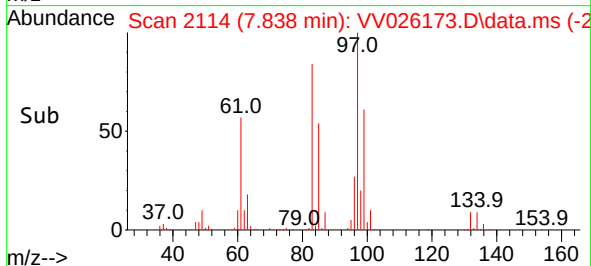
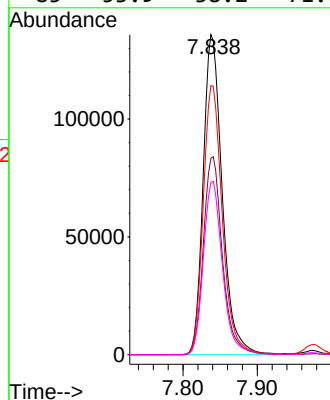
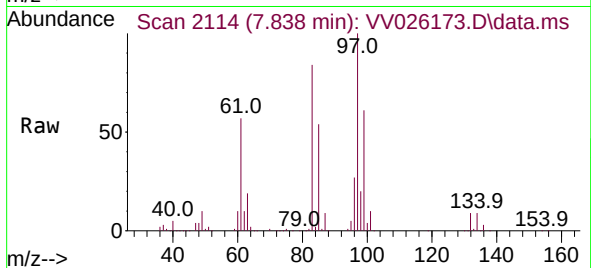
Ion Ratio Lower Upper

97 100

99 61.4 43.0 80.0

83 84.1 58.4 108.4

85 53.9 38.2 71.0



#47

Tetrachloroethene

Concen: 21.936 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

Tgt Ion:164 Resp: 295178

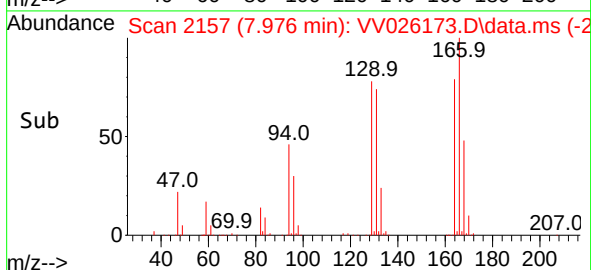
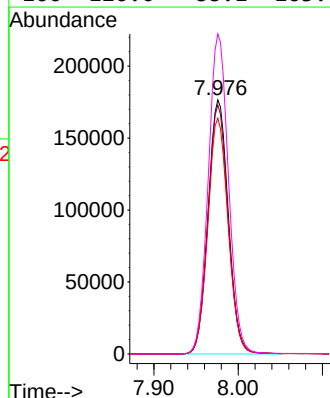
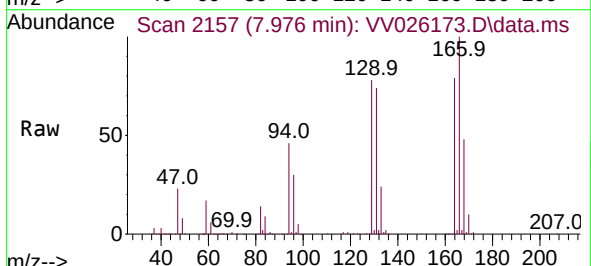
Ion Ratio Lower Upper

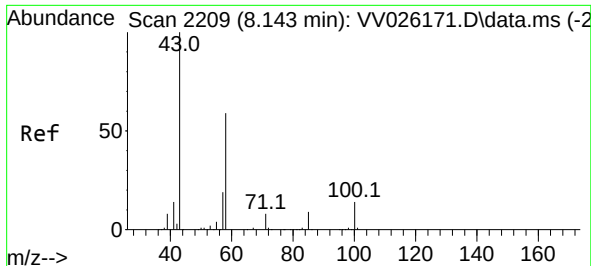
164 100

129 98.0 66.1 122.7

131 92.8 65.0 120.6

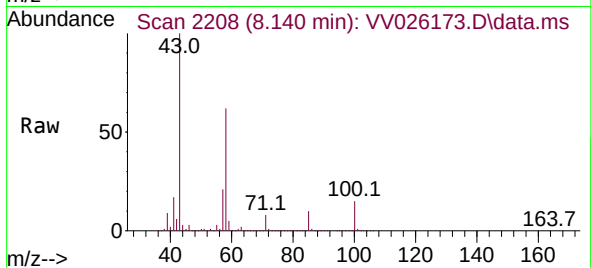
166 126.0 88.1 163.7





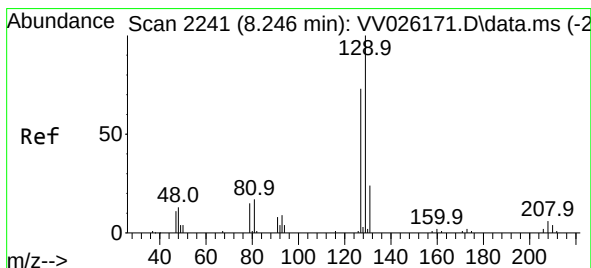
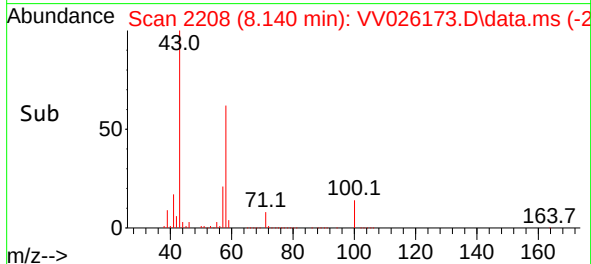
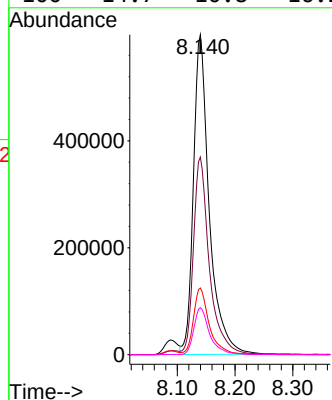
#48
2-Hexanone
Concen: 251.117 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1139336

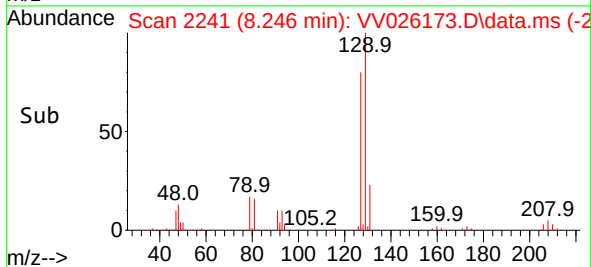
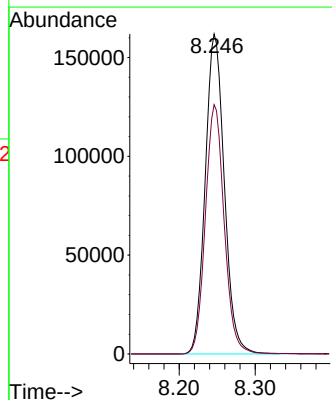
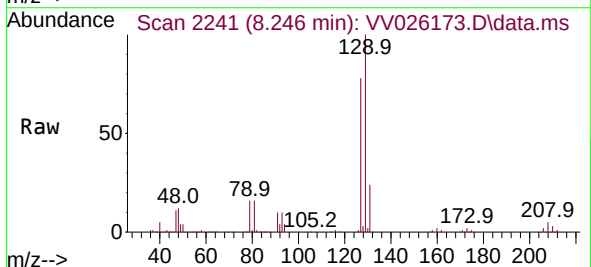
Ion	Ratio	Lower	Upper
43	100		
58	62.2	46.1	69.1
57	20.7	15.3	22.9
100	14.7	10.8	16.2

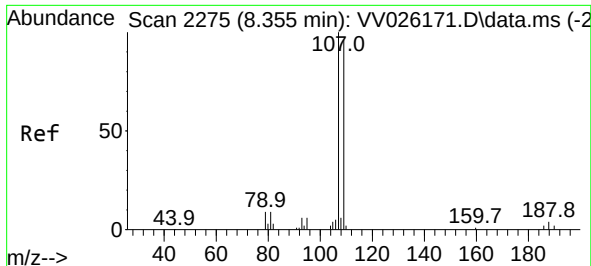


#49
Dibromochloromethane
Concen: 22.873 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

Tgt Ion: 129 Resp: 282454

Ion	Ratio	Lower	Upper
129	100		
127	77.9	50.9	94.5





#50

1,2-Dibromoethane

Concen: 22.031 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

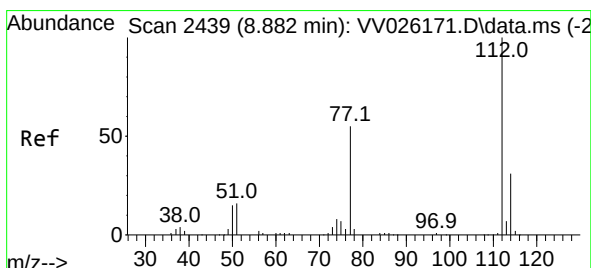
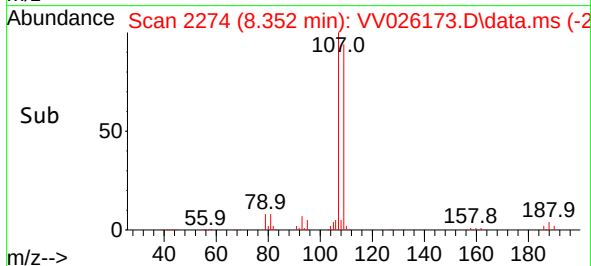
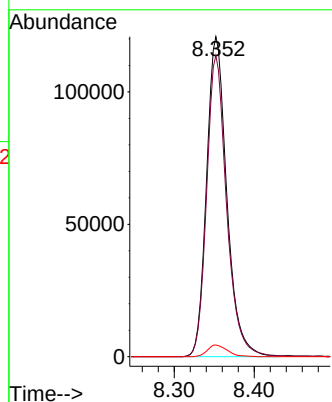
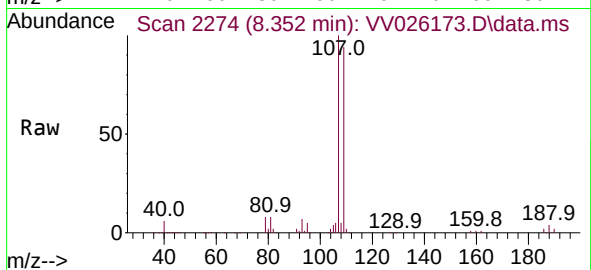
Tgt Ion:107 Resp: 213209

Ion Ratio Lower Upper

107 100

109 94.2 66.9 124.3

188 3.7 2.9 4.3



#51

Chlorobenzene

Concen: 22.240 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

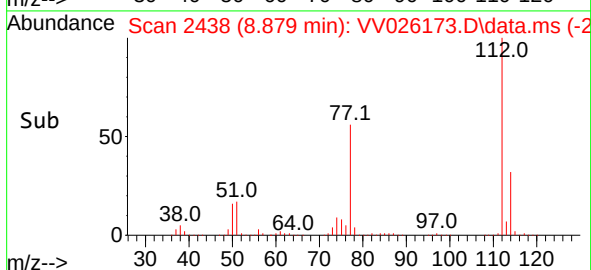
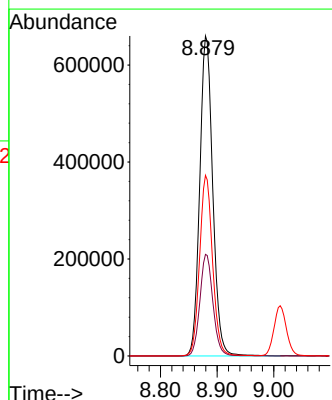
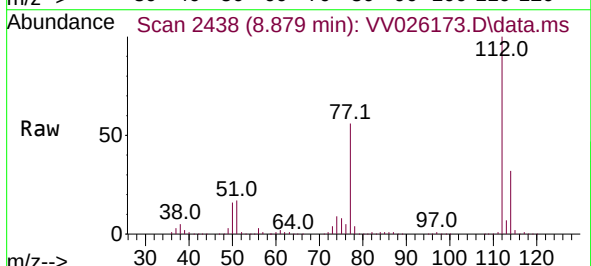
Tgt Ion:112 Resp: 1050455

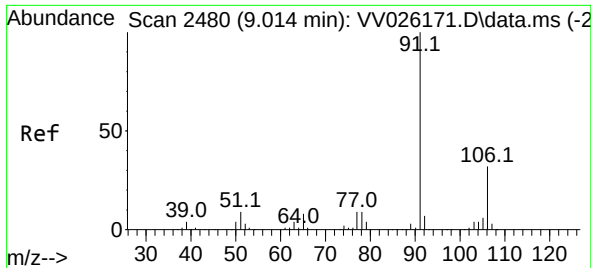
Ion Ratio Lower Upper

112 100

114 31.8 21.8 40.6

77 56.4 44.6 66.8





#52

Ethylbenzene

Concen: 25.408 ug/L

RT: 9.011 min Scan# 2480

Delta R.T. -0.003 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

Instrument :

MSVOA_V

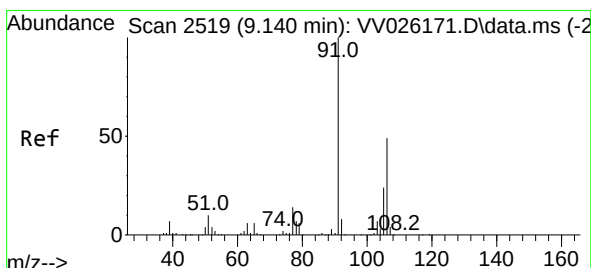
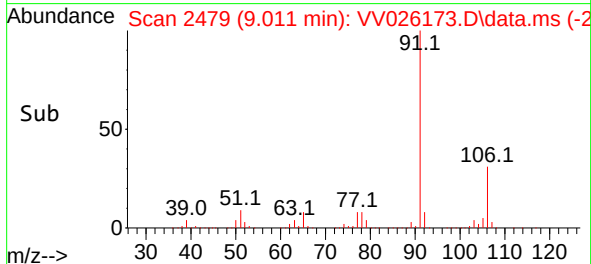
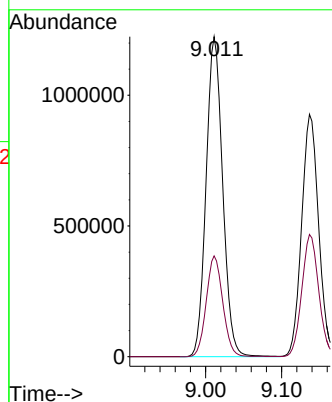
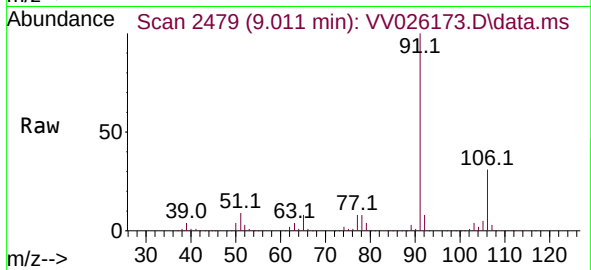
ClientSampleId :

Tgt Ion: 91 Resp: 1851906

Ion Ratio Lower Upper

91 100

106 31.5 22.3 41.3



#53

m,p-Xylene

Concen: 26.012 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV026173.D

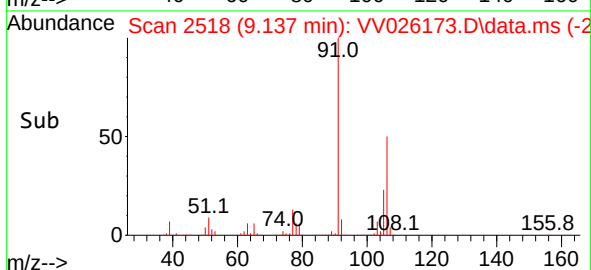
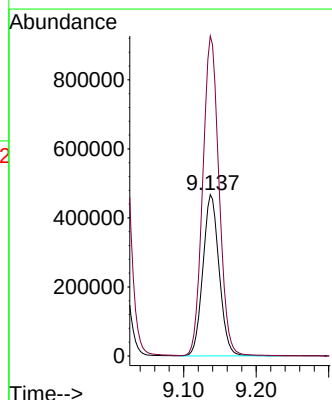
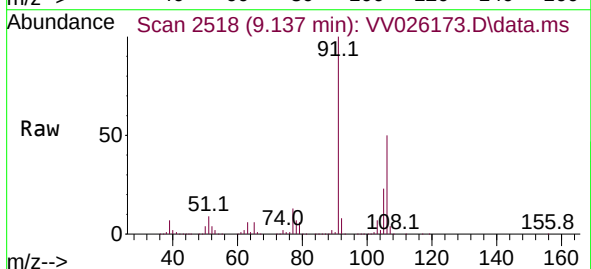
Acq: 12 Jun 2022 19:08

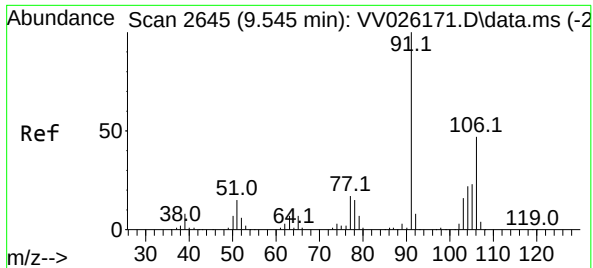
Tgt Ion: 106 Resp: 725746

Ion Ratio Lower Upper

106 100

91 198.3 142.0 263.8

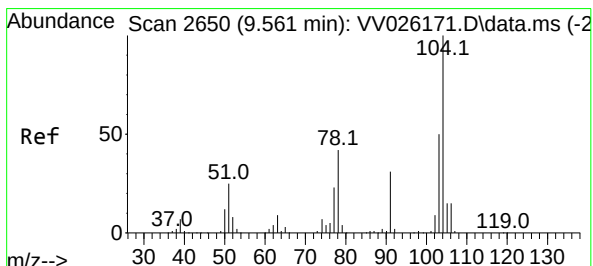
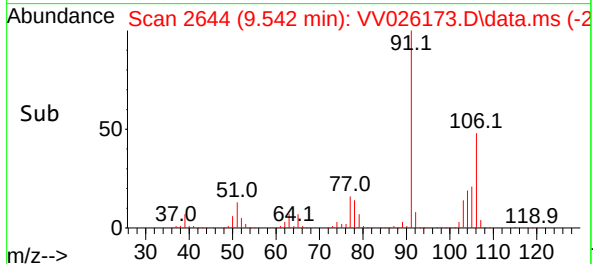
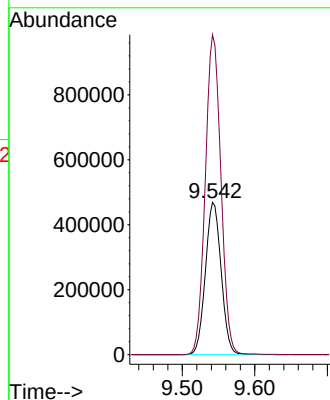
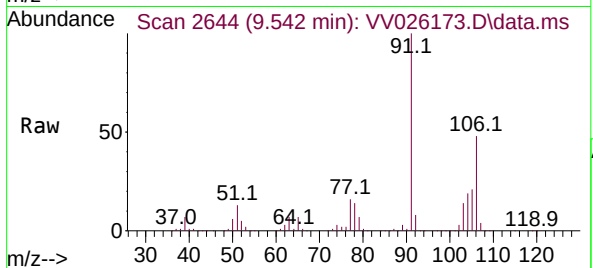




#54
o-Xylene
Concen: 26.154 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

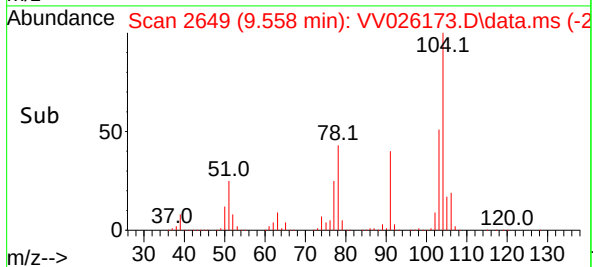
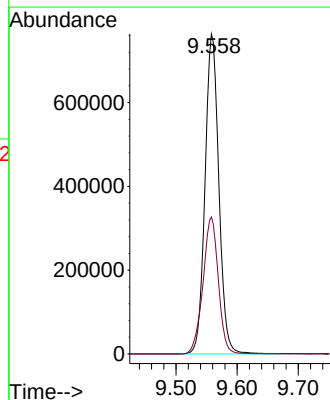
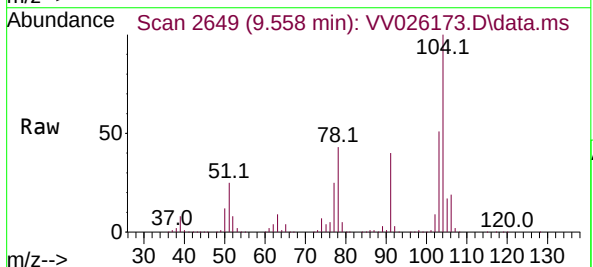
Instrument :
MSVOA_V
ClientSampleId :

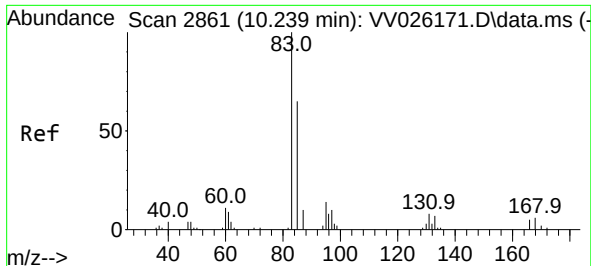
Tgt Ion:106 Resp: 705457
Ion Ratio Lower Upper
106 100
91 210.1 149.0 276.6



#55
Styrene
Concen: 26.985 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

Tgt Ion:104 Resp: 1200089
Ion Ratio Lower Upper
104 100
78 42.8 29.7 55.1

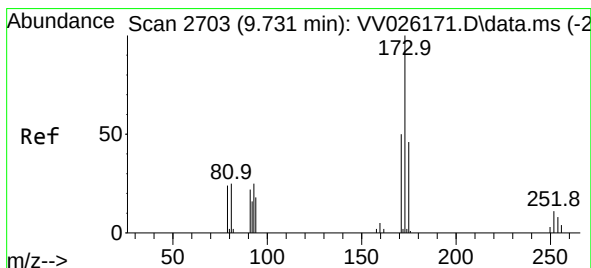
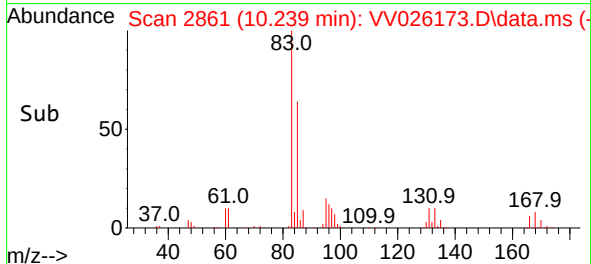
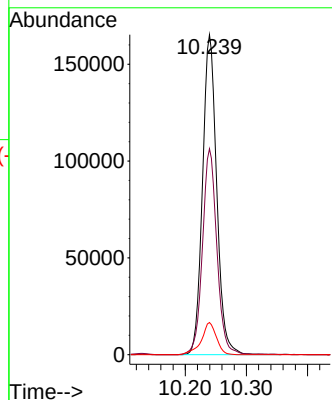
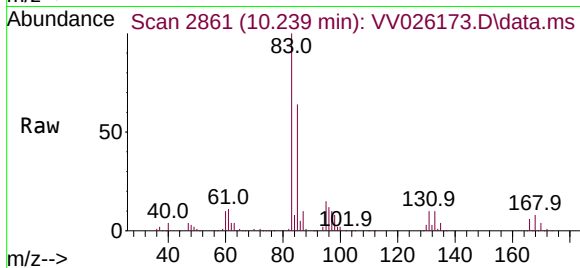




#57
1,1,2,2-Tetrachloroethane
Concen: 23.196 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

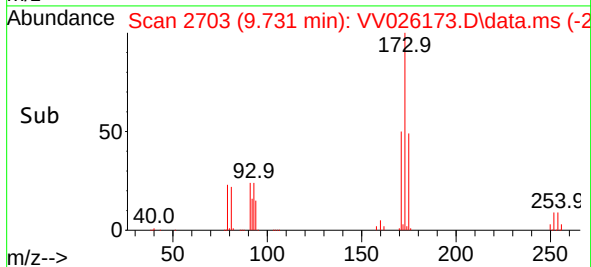
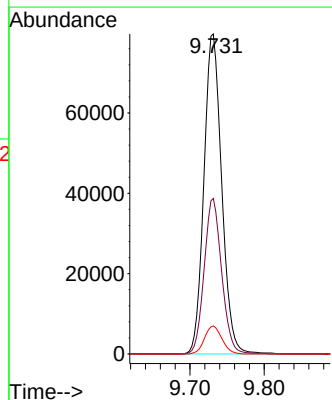
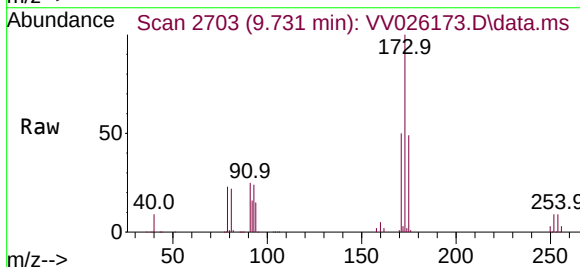
Instrument :
MSVOA_V
ClientSampleId :

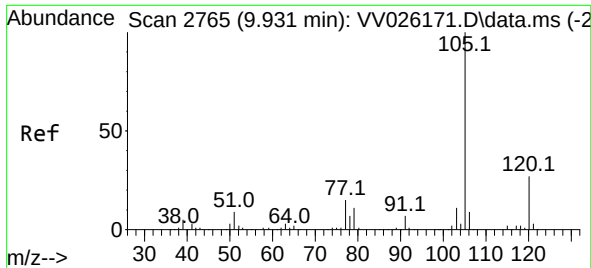
Tgt Ion: 83 Resp: 266015
Ion Ratio Lower Upper
83 100
85 64.3 45.8 85.2
131 10.0 7.1 10.7



#59
Bromoform
Concen: 23.317 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

Tgt Ion: 173 Resp: 132479
Ion Ratio Lower Upper
173 100
175 47.8 37.4 56.2
254 8.5 6.5 9.7

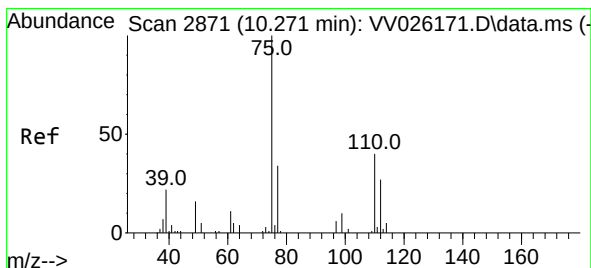
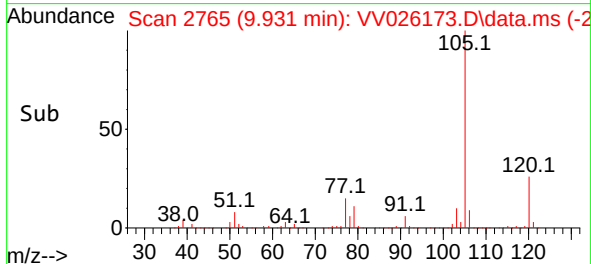
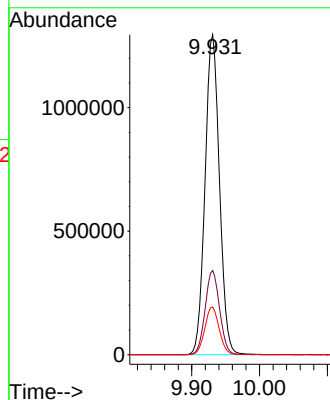
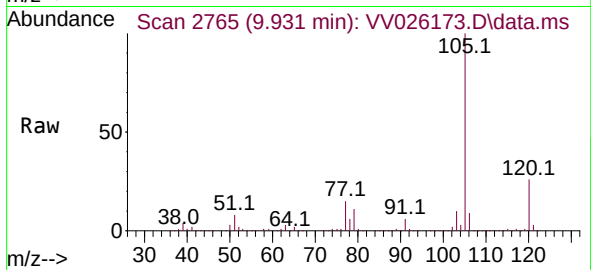




#60
Isopropylbenzene
Concen: 24.708 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

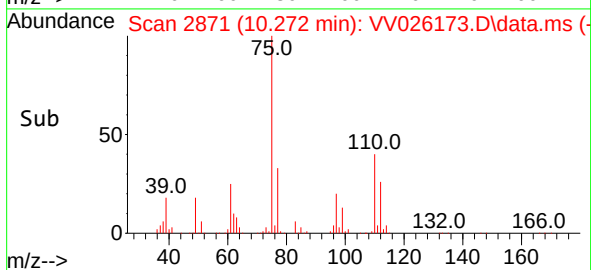
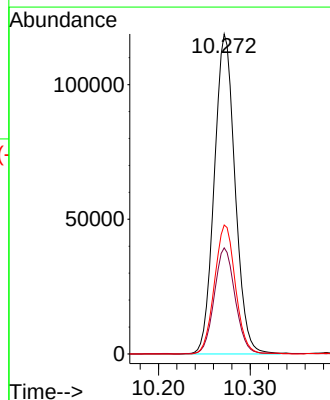
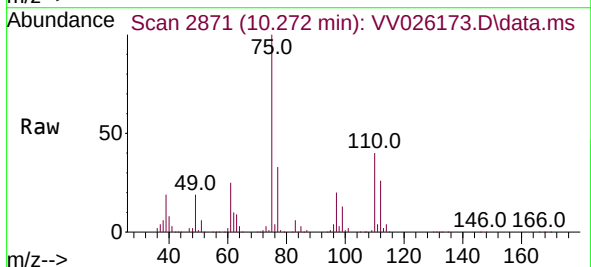
Instrument :
MSVOA_V
ClientSampleId :

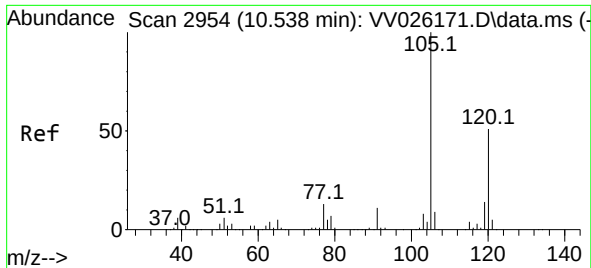
Tgt Ion:105 Resp: 1911515
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 14.9 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 20.587 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

Tgt Ion: 75 Resp: 186810
Ion Ratio Lower Upper
75 100
77 33.5 27.8 41.8
110 40.6 33.0 49.4

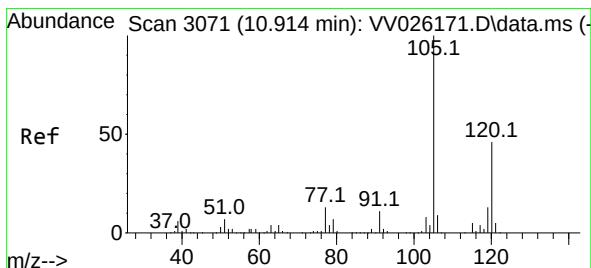
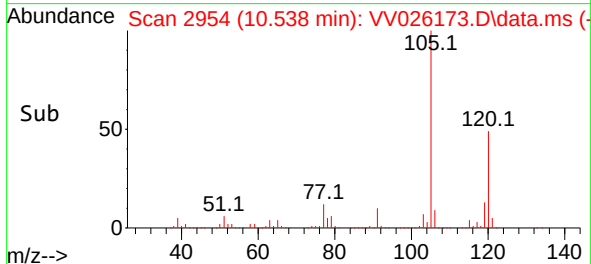
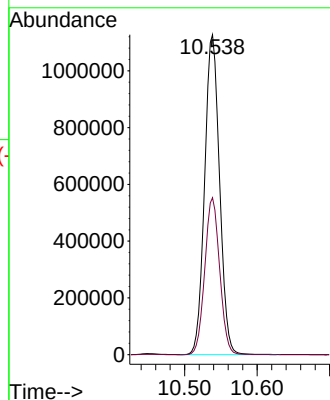
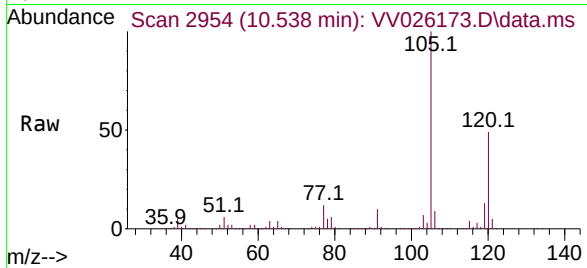




#62
 1,3,5-Trimethylbenzene
 Concen: 26.390 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026173.D
 Acq: 12 Jun 2022 19:08

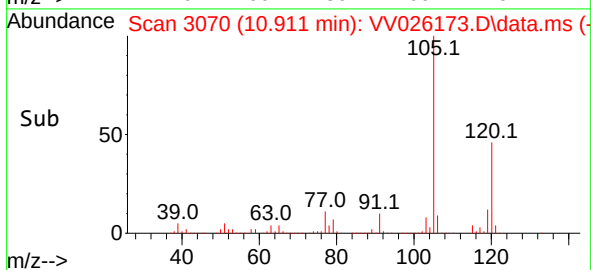
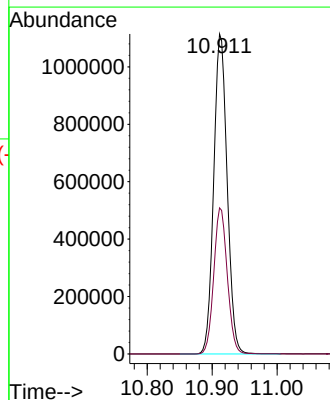
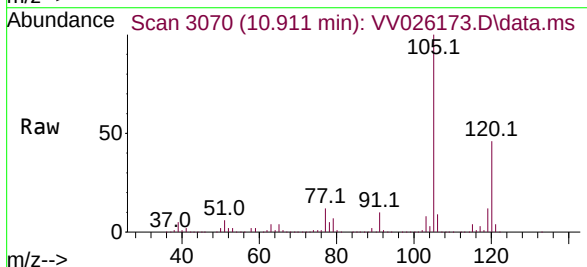
Instrument :
 MSVOA_V
 ClientSampleId :

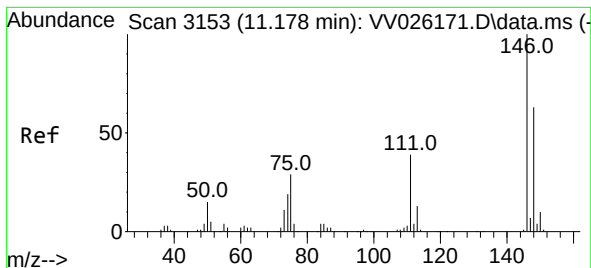
Tgt Ion:105 Resp: 1609931
 Ion Ratio Lower Upper
 105 100
 120 49.0 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 26.698 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.003 min
 Lab File: VV026173.D
 Acq: 12 Jun 2022 19:08

Tgt Ion:105 Resp: 1602963
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.9 55.3





#64

1,3-Dichlorobenzene

Concen: 22.478 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

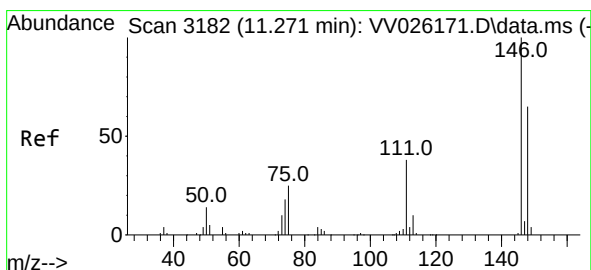
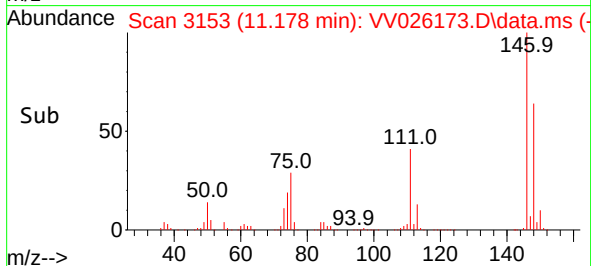
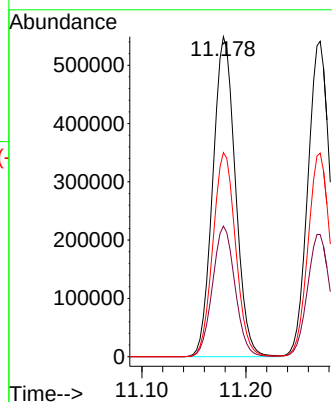
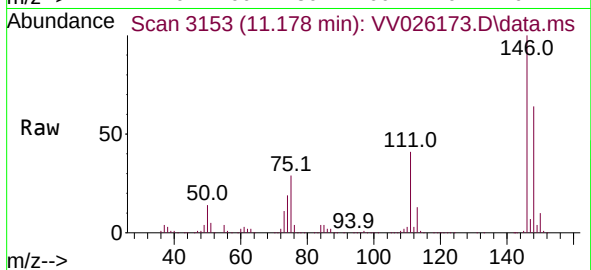
Tgt Ion:146 Resp: 829135

Ion Ratio Lower Upper

146 100

111 40.8 27.2 50.4

148 63.8 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 22.317 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

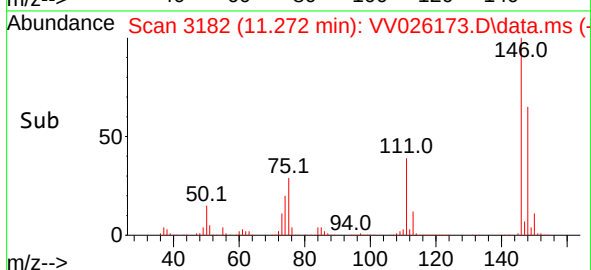
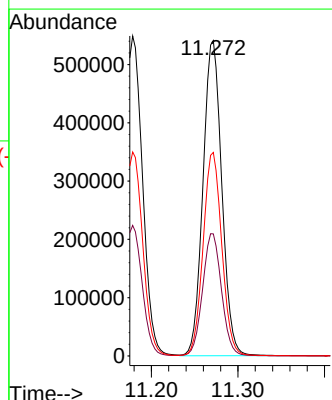
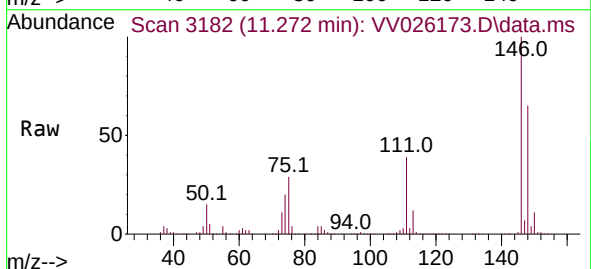
Tgt Ion:146 Resp: 816622

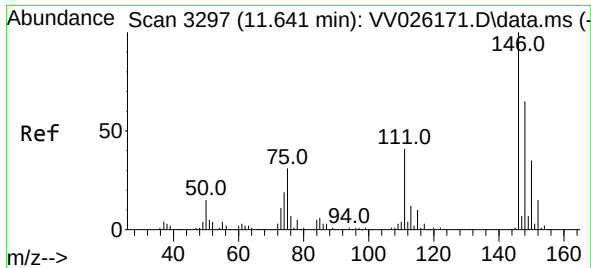
Ion Ratio Lower Upper

146 100

111 38.7 27.2 50.4

148 64.6 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 21.967 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

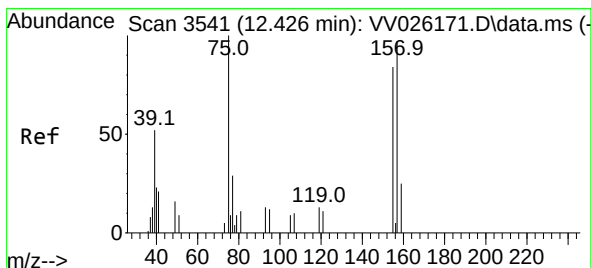
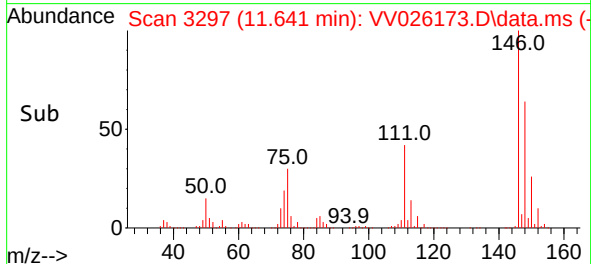
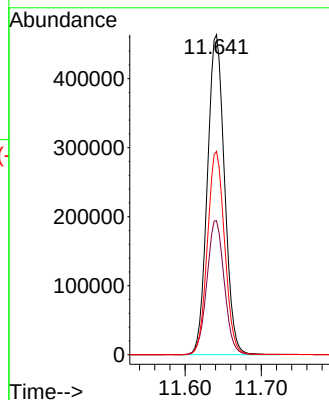
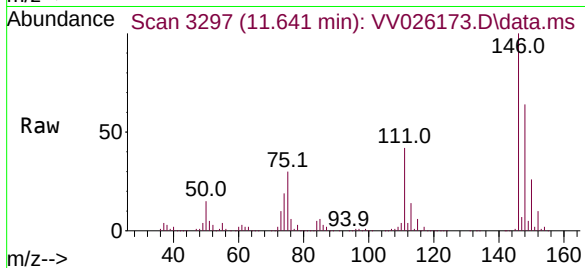
Tgt Ion:146 Resp: 726445

Ion Ratio Lower Upper

146 100

111 41.8 32.6 49.0

148 63.6 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 22.899 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026173.D

Acq: 12 Jun 2022 19:08

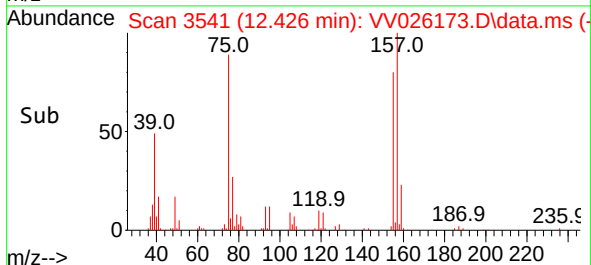
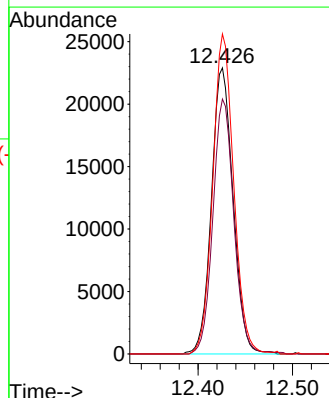
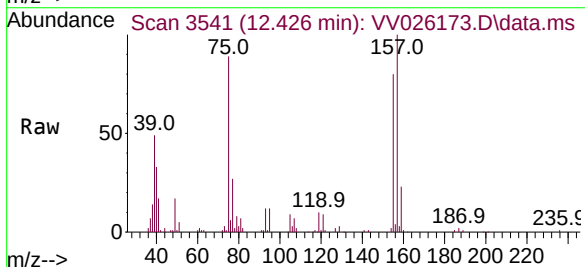
Tgt Ion: 75 Resp: 36470

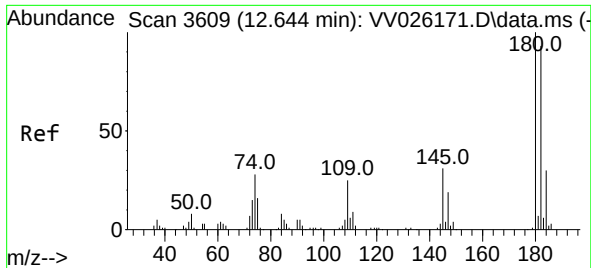
Ion Ratio Lower Upper

75 100

155 89.1 67.0 100.6

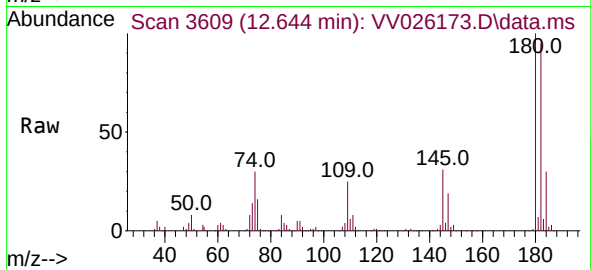
157 111.9 77.7 116.5



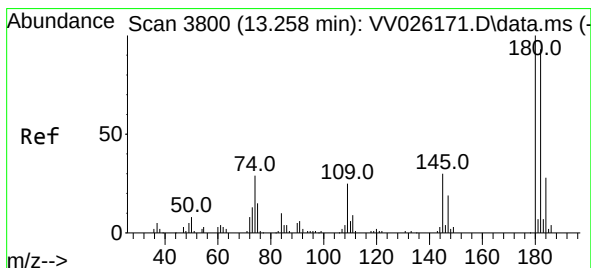
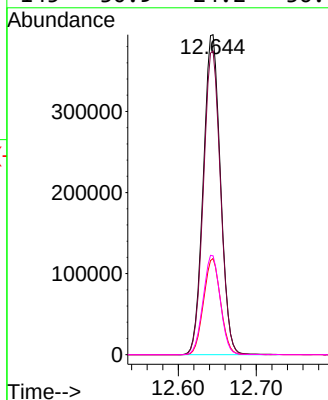
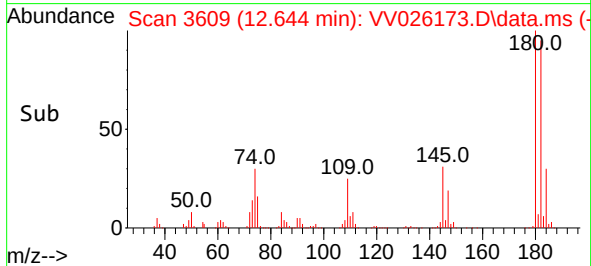


#69
 1,3,5-Trichlorobenzene
 Concen: 23.269 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026173.D
 Acq: 12 Jun 2022 19:08

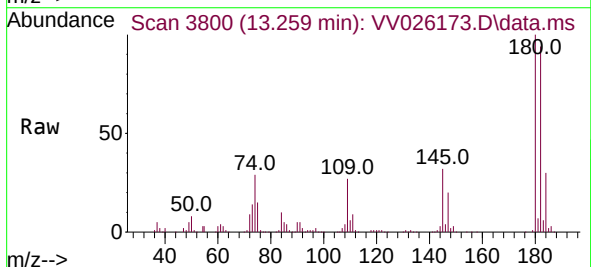
Instrument :
 MSVOA_V
 ClientSampleId :



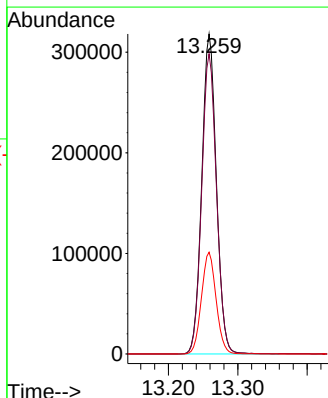
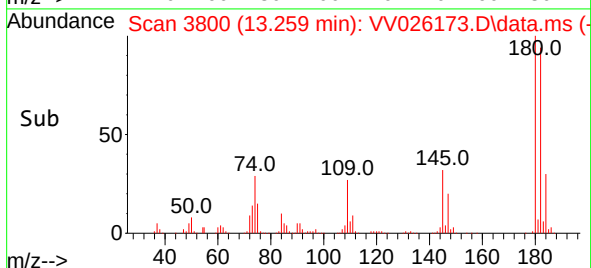
Tgt Ion:180 Resp: 603238
 Ion Ratio Lower Upper
 180 100
 182 94.9 74.6 111.8
 184 29.9 23.5 35.3
 145 30.9 24.2 36.4

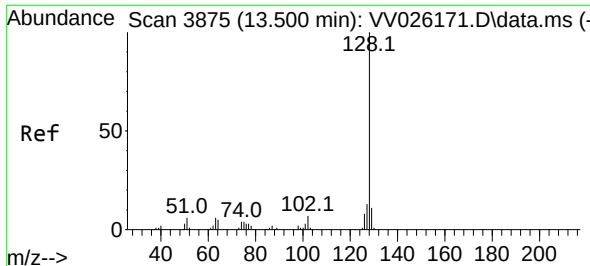


#70
 1,2,4-trichlorobenzene
 Concen: 24.863 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026173.D
 Acq: 12 Jun 2022 19:08



Tgt Ion:180 Resp: 464010
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.8 113.6
 145 31.9 23.8 35.8

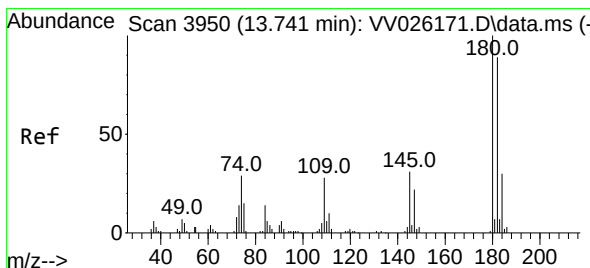
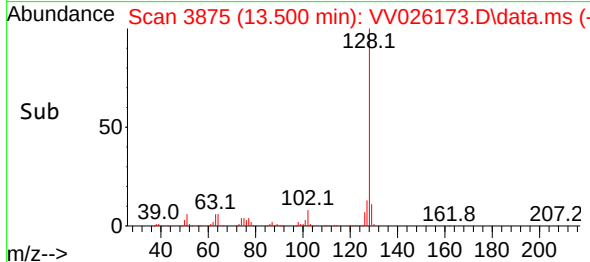
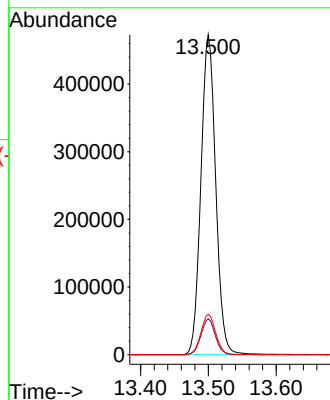
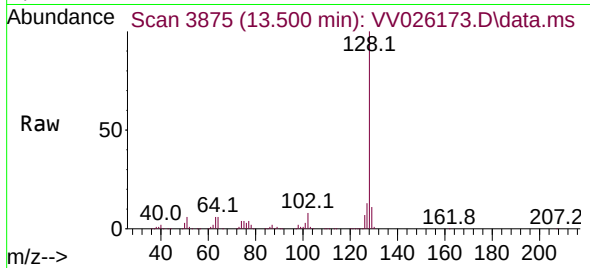




#71
Naphthalene
Concen: 27.442 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 715877
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.6 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 25.398 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026173.D
Acq: 12 Jun 2022 19:08

Tgt Ion:180 Resp: 391331
Ion Ratio Lower Upper
180 100
182 93.8 72.3 108.5
145 33.5 25.4 38.0

