

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061222\
 Data File : VW026171.D
 Acq On : 12 Jun 2022 18:20
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 02:29:20 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	5.625	114	176630	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	165748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81851	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	125043	5.413	ug/L	0.00
7) Chloroethane-d5	1.584	69	97267	5.346	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.124	63	192826	5.192	ug/L	0.00
20) 2-Butanone-d5	3.915	46	83675	48.625	ug/L	0.00
24) Chloroform-d	4.362	84	177597	5.422	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	71055	5.380	ug/L	0.00
32) Benzene-d6	5.059	84	367547	5.688	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	102555	5.504	ug/L	0.00
41) Toluene-d8	7.317	98	342914	5.960	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	31699	5.636	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	97494	55.674	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	58188	5.241	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	98467	5.367	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.146	85	70423	4.337	ug/L	100
3) Chloromethane	1.256	50	79804	4.528	ug/L	100
5) Vinyl chloride	1.326	62	83506	4.525	ug/L	100
6) Bromomethane	1.539	94	47246	4.381	ug/L	100
8) Chloroethane	1.600	64	51576	4.480	ug/L	100
9) Trichlorofluoromethane	1.767	101	106541	4.286	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.133	101	61357	4.344	ug/L	100
12) 1,1-Dichloroethene	2.133	96	60129	4.452	ug/L	100
13) Acetone	2.204	43	32324	32.853	ug/L	92
14) Carbon disulfide	2.310	76	150247	4.381	ug/L	100
15) Methyl Acetate	2.461	43	11780	4.102	ug/L	100
16) Methylene chloride	2.523	84	58900	4.231	ug/L	100
17) Methyl tert-butyl Ether	2.786	73	92479	4.211	ug/L	100
18) trans-1,2-Dichloroethene	2.777	96	56292	4.347	ug/L	100
19) 1,1-Dichloroethane	3.204	63	109984	4.426	ug/L	100
21) 2-Butanone	4.002	43	47462	34.750	ug/L	92
22) cis-1,2-Dichloroethene	3.928	96	57716	4.430	ug/L	100
23) Bromochloromethane	4.265	128	24130	4.436	ug/L	100
25) Chloroform	4.387	83	117495	4.524	ug/L	100
27) 1,2-Dichloroethane	5.143	62	51934	4.302	ug/L	100
29) 1,1,1-Trichloroethane	4.619	97	97769	4.499	ug/L	100
30) Cyclohexane	4.690	56	71865	4.318	ug/L	100
31) Carbon tetrachloride	4.838	117	78350	4.461	ug/L	100
33) Benzene	5.108	78	241944	4.827	ug/L	100
34) Trichloroethene	5.921	95	58701	4.336	ug/L	100
35) Methylcyclohexane	6.137	83	78620	4.295	ug/L	100
37) 1,2-Dichloropropane	6.178	63	57394	4.420	ug/L	100
38) Bromodichloromethane	6.516	83	69667	4.504	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	63121	4.357	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	211902	45.599	ug/L	100
42) Toluene	7.390	91	257928	4.860	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	53005	4.651	ug/L	100

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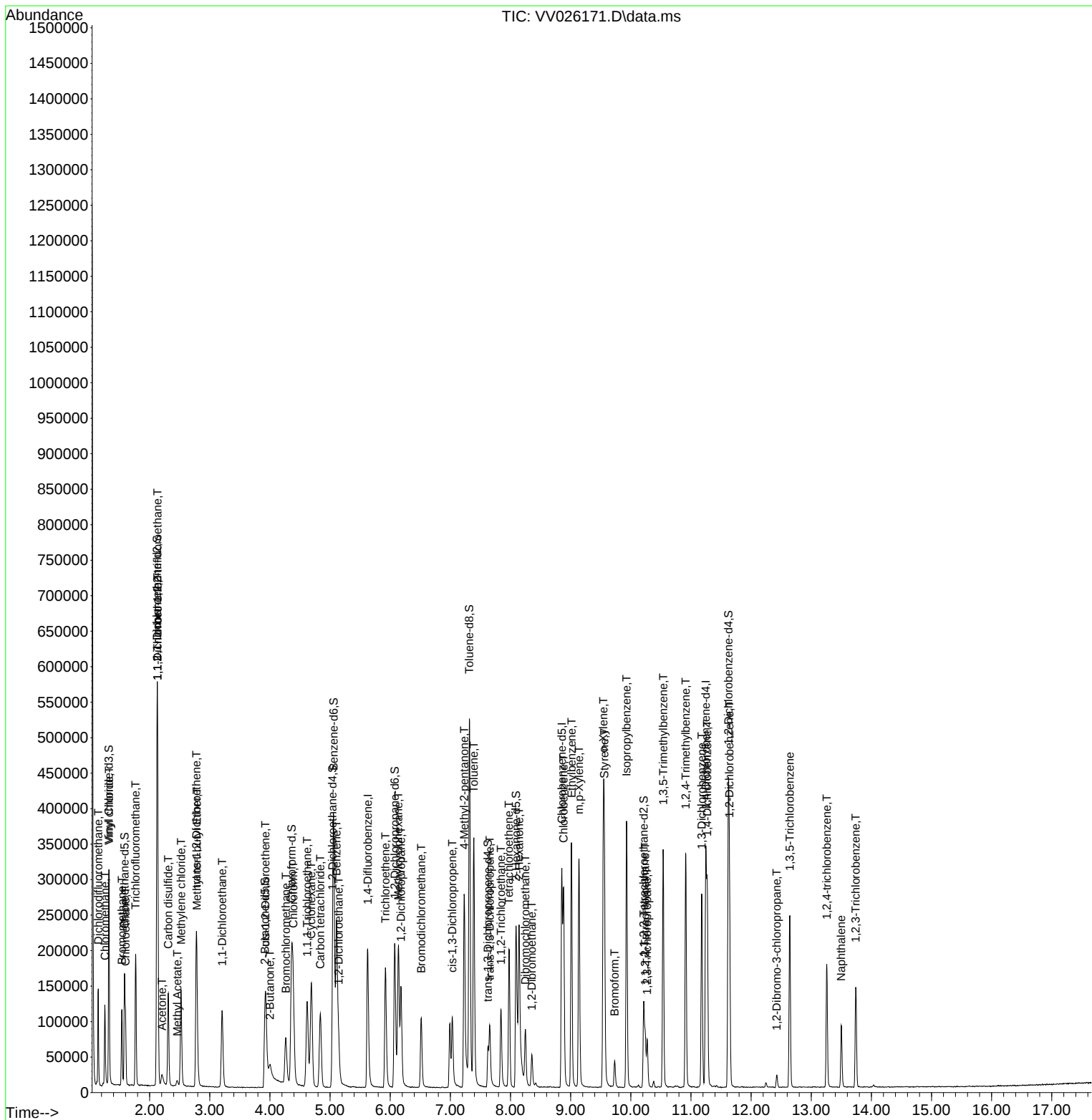
Quant Time: Jun 13 02:29:20 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:27:31 2022
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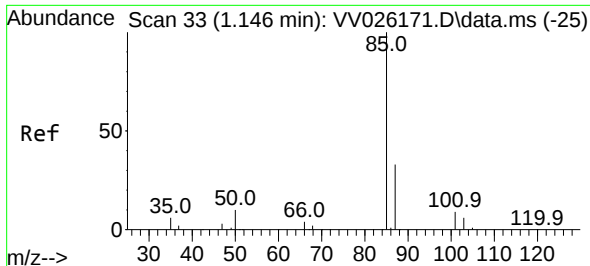
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	36850	4.508	ug/L	100
47) Tetrachloroethene	7.976	164	43327	4.456	ug/L	100
48) 2-Hexanone	8.143	43	158933	48.484	ug/L	100
49) Dibromochloromethane	8.246	129	40524	4.542	ug/L	100
50) 1,2-Dibromoethane	8.355	107	32154	4.599	ug/L	100
51) Chlorobenzene	8.882	112	155811	4.566	ug/L	100
52) Ethylbenzene	9.014	91	240062	4.559	ug/L	100
53) m,p-Xylene	9.140	106	92260	4.577	ug/L	100
54) o-Xylene	9.545	106	87244	4.477	ug/L	100
55) Styrene	9.561	104	154124	4.797	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	36727	4.433	ug/L	100
59) Bromoform	9.731	173	17242	4.386	ug/L	100
60) Isopropylbenzene	9.931	105	235327	4.396	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	27214	4.335	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	174628	4.137	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	177503	4.273	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	112386	4.404	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	109875	4.340	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	100256	4.382	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	4905	4.451	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	73954	4.123	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	51735	4.007	ug/L	100
71) Naphthalene	13.500	128	67916	3.763	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	43546	4.085	ug/L	100

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

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QLast Update : Mon Jun 13 02:27:31 2022
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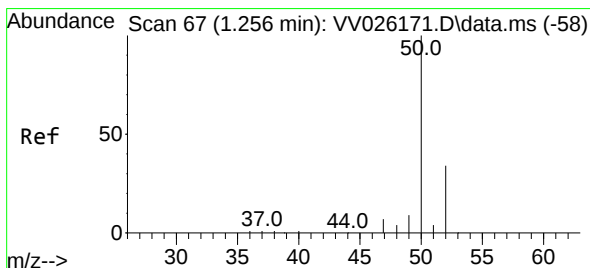
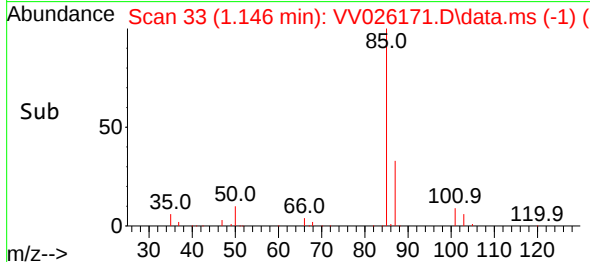
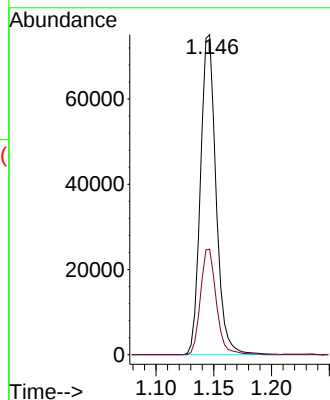
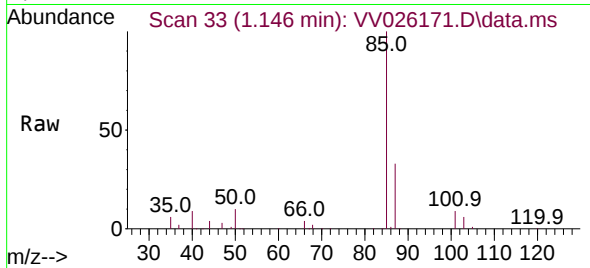




#2
 Dichlorodifluoromethane
 Concen: 4.337 ug/L
 RT: 1.146 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: VV026171.D
 Acq: 12 Jun 2022 18:20

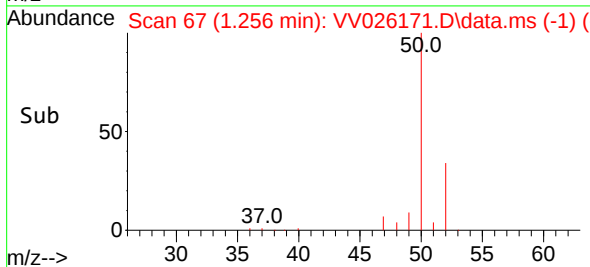
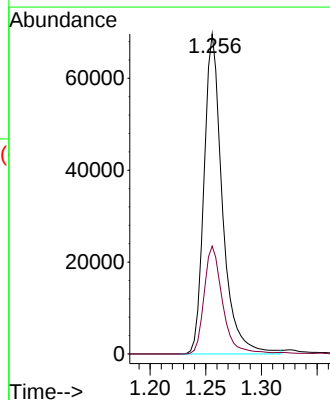
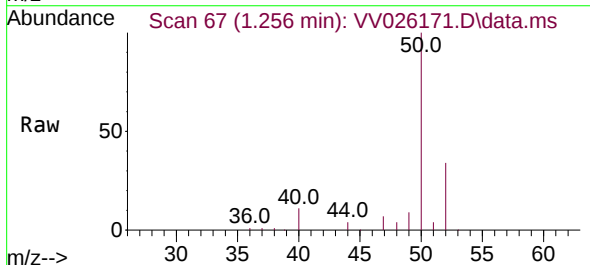
Instrument :
 MSVOA_V
 ClientSampleId :

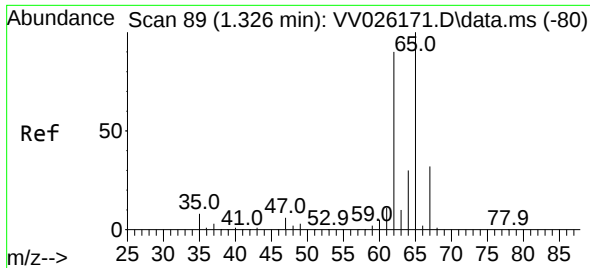
Tgt Ion: 85 Resp: 70423
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.7 40.1



#3
 Chloromethane
 Concen: 4.528 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: VV026171.D
 Acq: 12 Jun 2022 18:20

Tgt Ion: 50 Resp: 79804
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.6 43.8

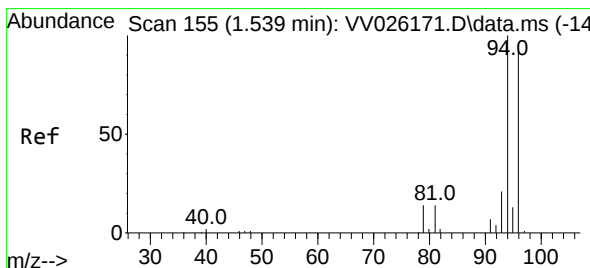
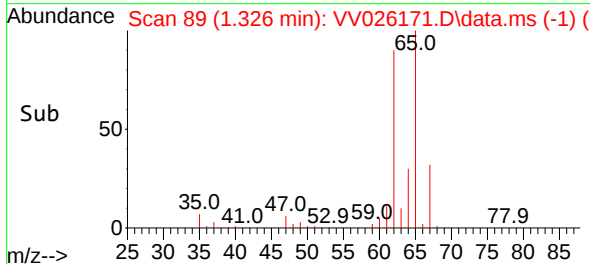
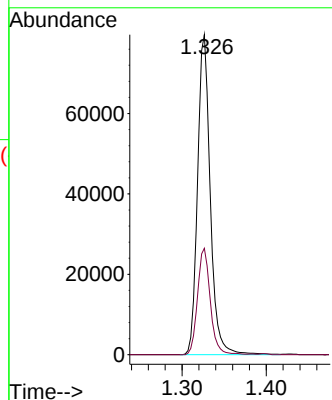
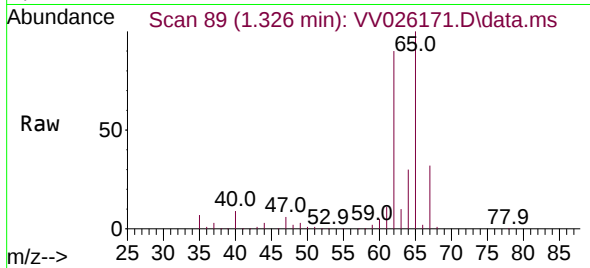




#5
 Vinyl chloride
 Concen: 4.525 ug/L
 RT: 1.326 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: VV026171.D
 Acq: 12 Jun 2022 18:20

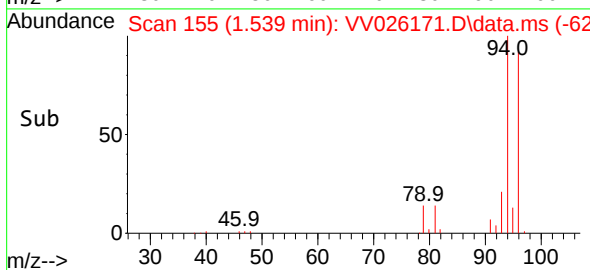
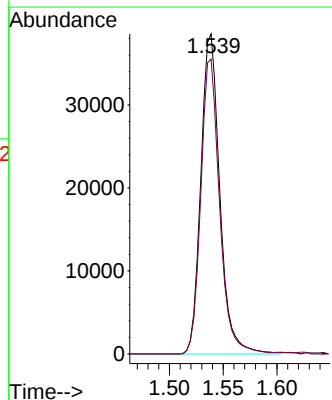
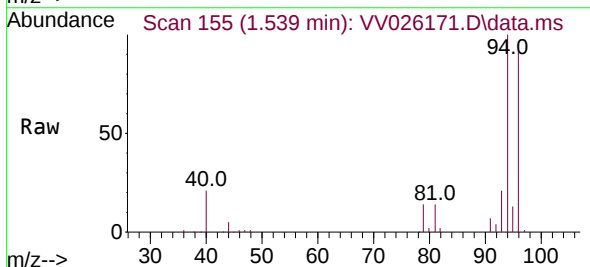
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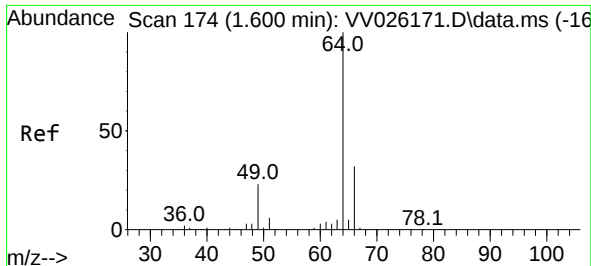
Tgt Ion: 62 Resp: 83506
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 4.381 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. 0.000 min
 Lab File: VV026171.D
 Acq: 12 Jun 2022 18:20

Tgt Ion: 94 Resp: 47246
 Ion Ratio Lower Upper
 94 100
 96 92.1 64.5 119.7

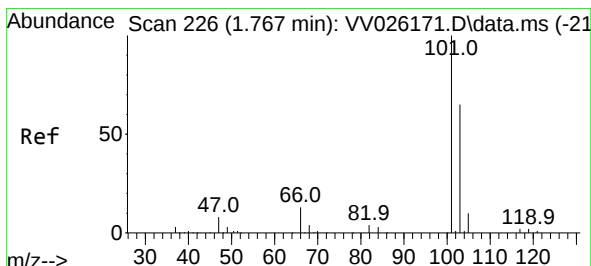
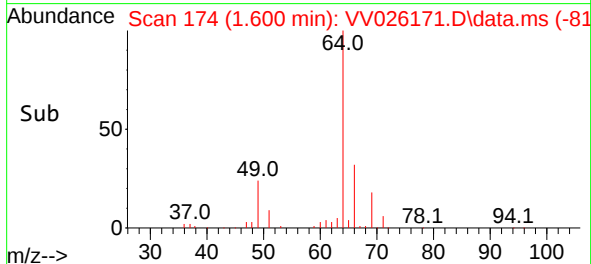
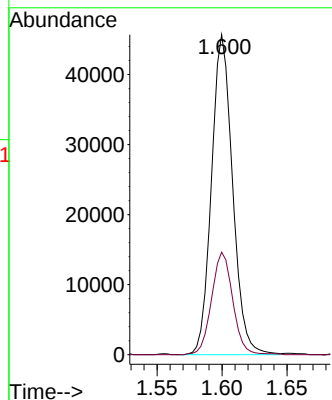
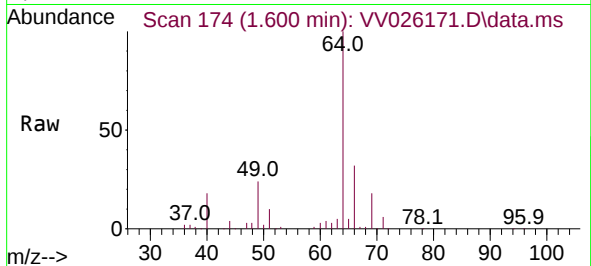




#8
Chloroethane
Concen: 4.480 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

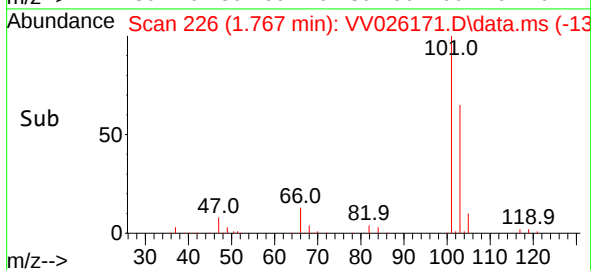
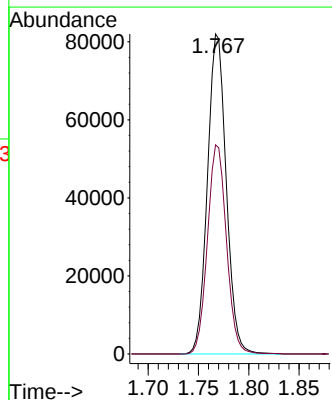
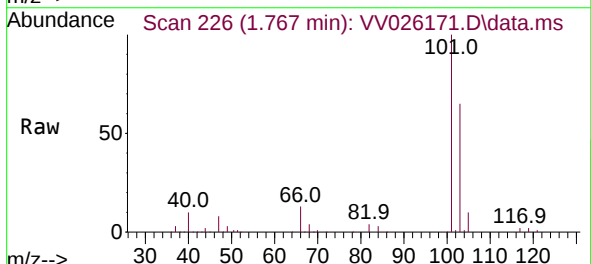
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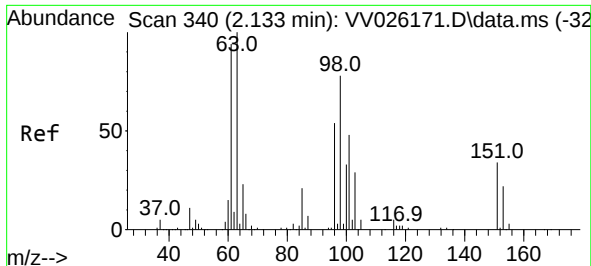
Tgt Ion: 64 Resp: 51576
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.286 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

Tgt Ion:101 Resp: 106541
Ion Ratio Lower Upper
101 100
103 66.1 52.9 79.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.344 ug/L

RT: 2.133 min Scan# 340

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

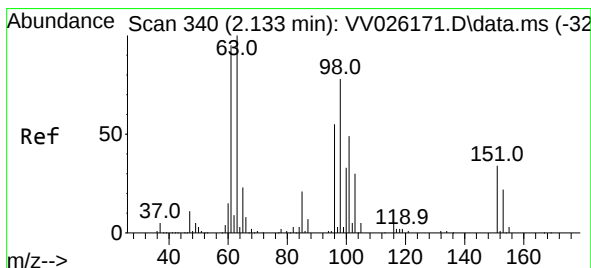
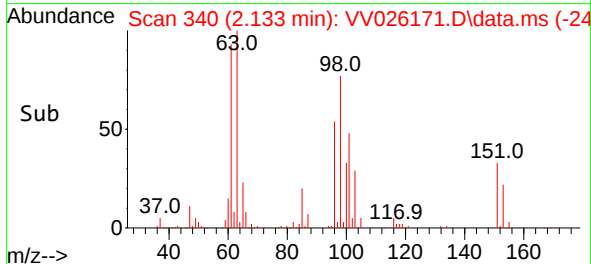
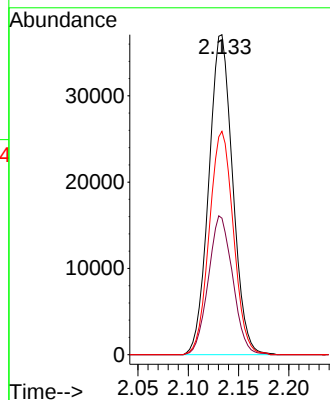
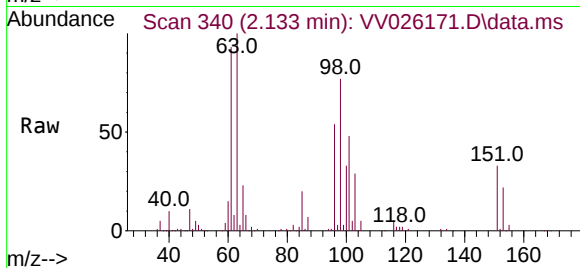
Tgt Ion:101 Resp: 61357

Ion Ratio Lower Upper

101 100

85 44.1 35.3 52.9

151 70.6 56.5 84.7



#12

1,1-Dichloroethene

Concen: 4.452 ug/L

RT: 2.133 min Scan# 340

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

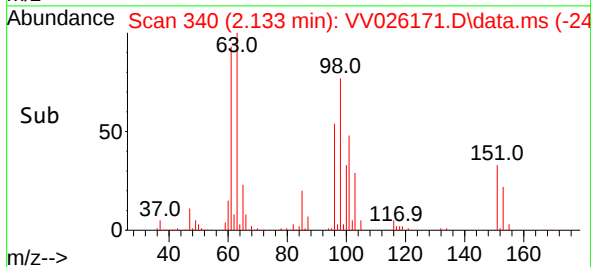
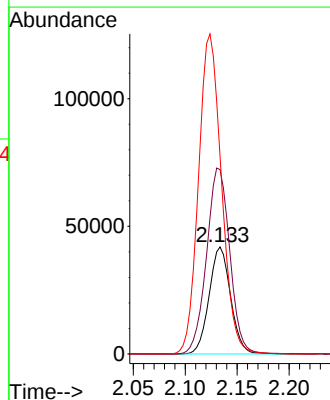
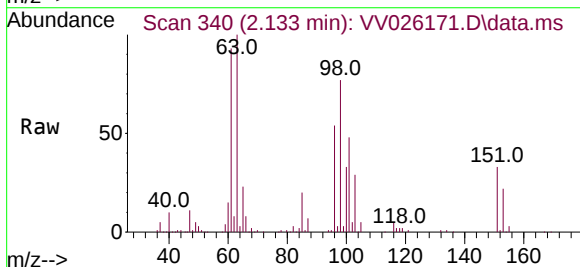
Tgt Ion: 96 Resp: 60129

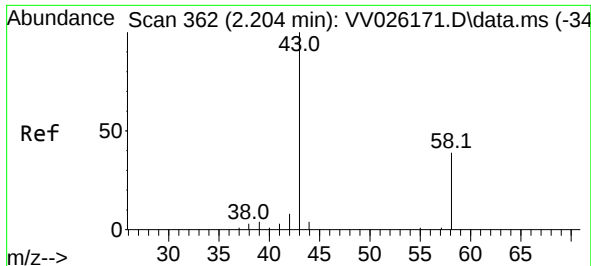
Ion Ratio Lower Upper

96 100

61 172.1 120.5 223.7

63 184.7 129.3 240.1





#13

Acetone

Concen: 32.853 ug/L

RT: 2.204 min Scan# 362

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

Instrument :

MSVOA_V

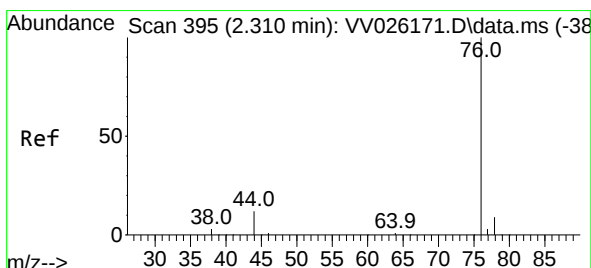
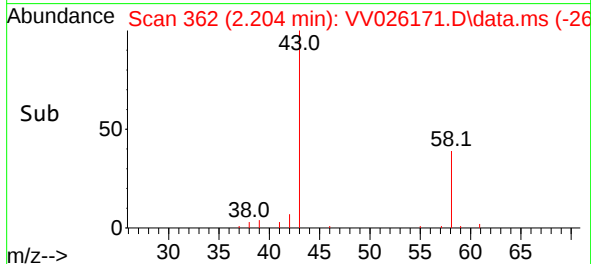
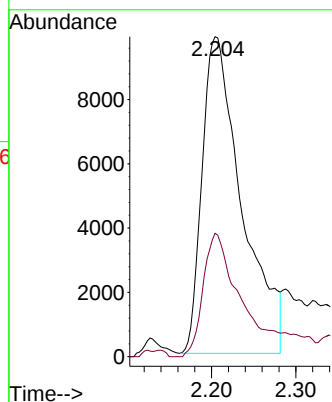
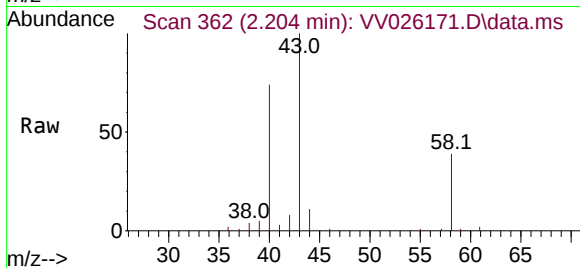
ClientSampleId :

Tgt Ion: 43 Resp: 32324

Ion Ratio Lower Upper

43 100

58 41.6 0.0 73.6



#14

Carbon disulfide

Concen: 4.381 ug/L

RT: 2.310 min Scan# 395

Delta R.T. 0.000 min

Lab File: VV026171.D

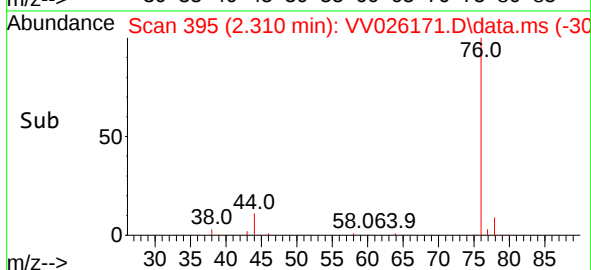
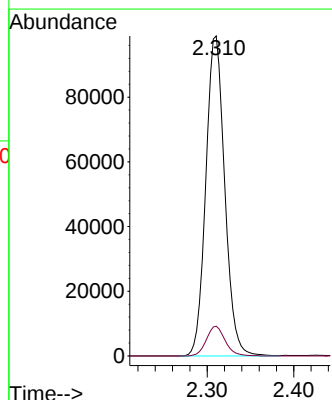
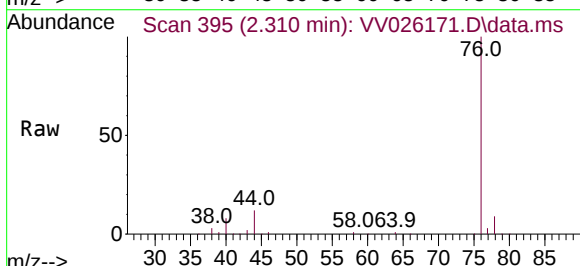
Acq: 12 Jun 2022 18:20

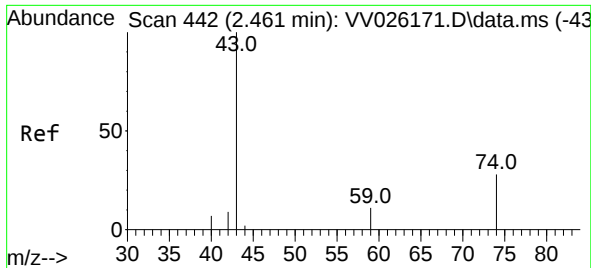
Tgt Ion: 76 Resp: 150247

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

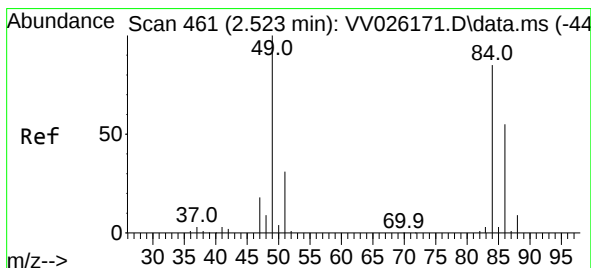
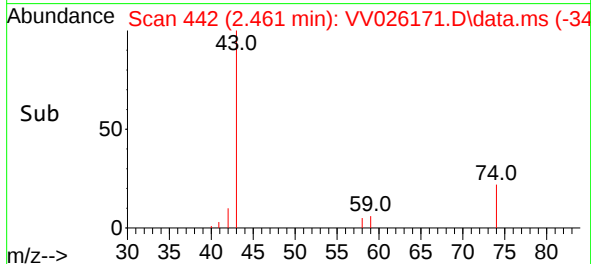
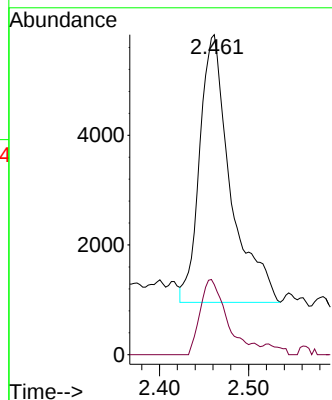
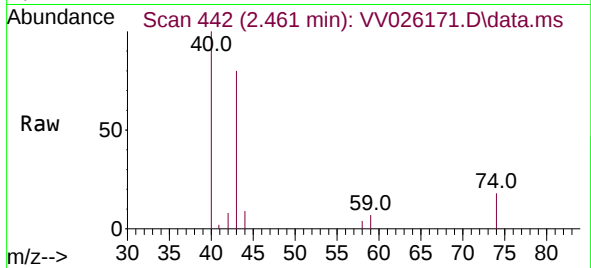




#15
Methyl Acetate
Concen: 4.102 ug/L
RT: 2.461 min Scan# 442
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

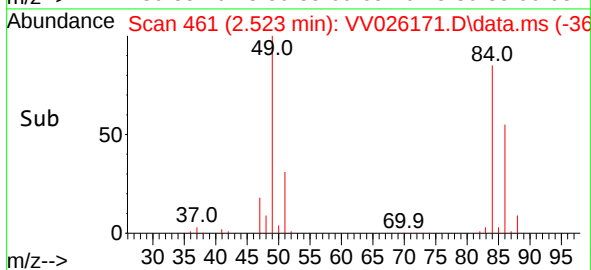
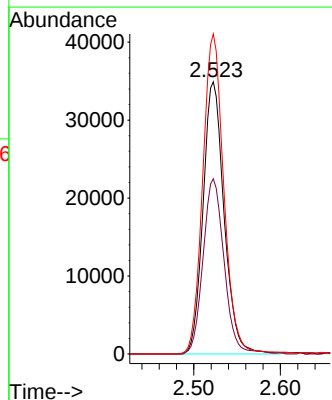
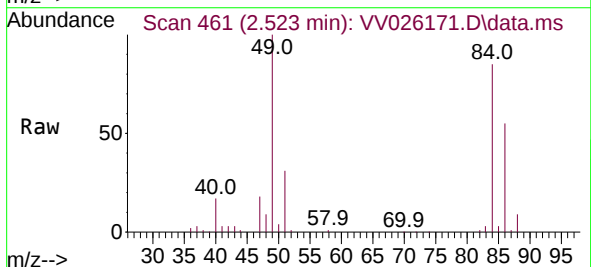
Instrument :
MSVOA_V
ClientSampleId :

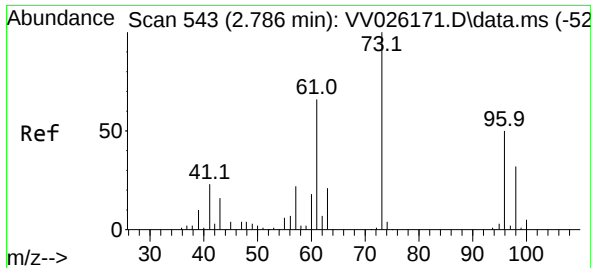
Tgt Ion: 43 Resp: 11780
Ion Ratio Lower Upper
43 100
74 23.6 18.9 28.3



#16
Methylene chloride
Concen: 4.231 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

Tgt Ion: 84 Resp: 58900
Ion Ratio Lower Upper
84 100
86 64.4 45.1 83.7
49 117.6 82.3 152.9

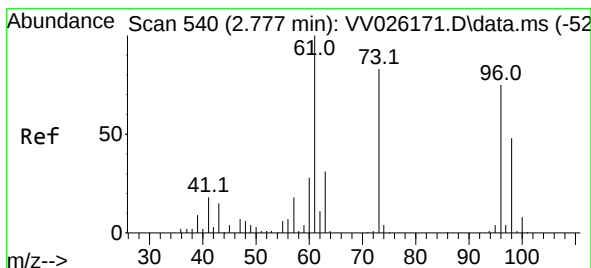
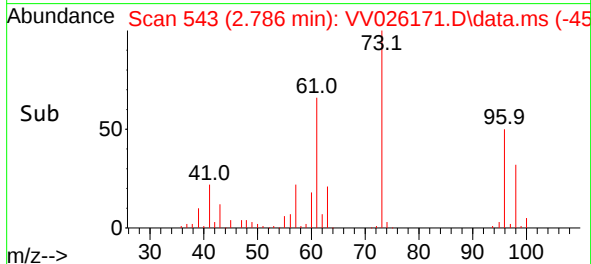
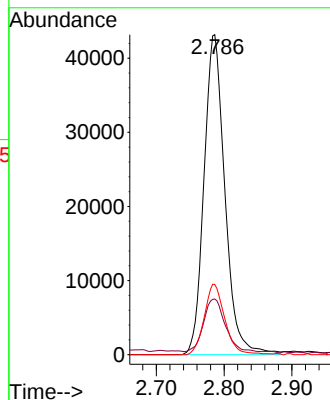
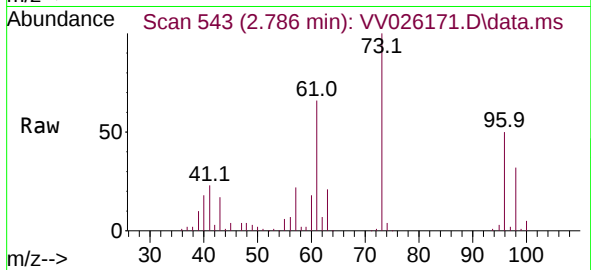




#17
Methyl tert-butyl Ether
Concen: 4.211 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

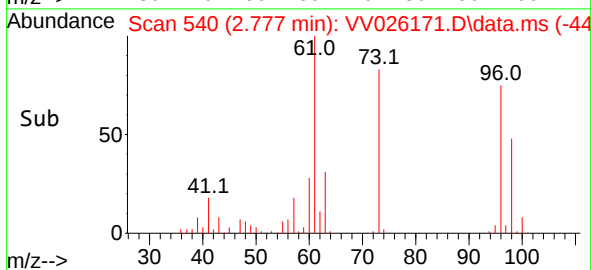
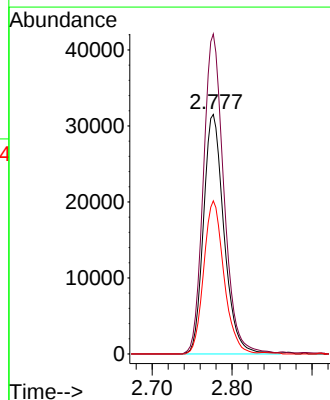
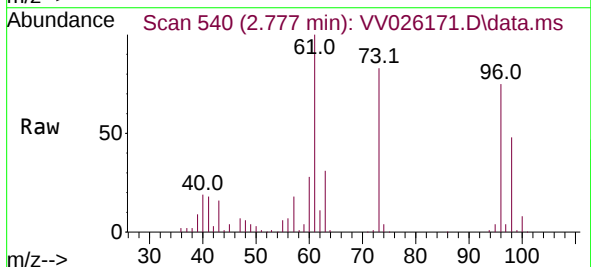
Instrument :
MSVOA_V
ClientSampleId :

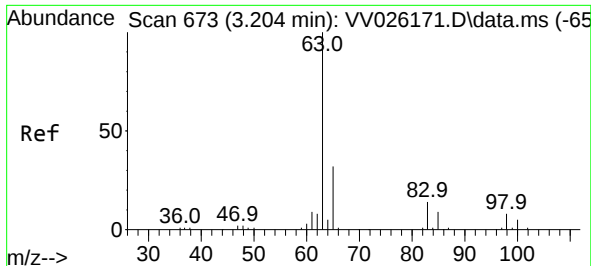
Tgt Ion: 73	Resp: 92479
Ion Ratio	Lower Upper
73 100	
43 16.8	13.4 20.2
57 21.7	17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.347 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

Tgt Ion: 96	Resp: 56292		
Ion Ratio	Lower	Upper	
96	100		
61	133.6	93.5	173.7
98	63.9	44.7	83.1





#19

1,1-Dichloroethane

Concen: 4.426 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

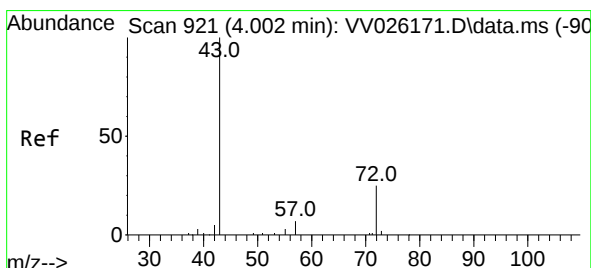
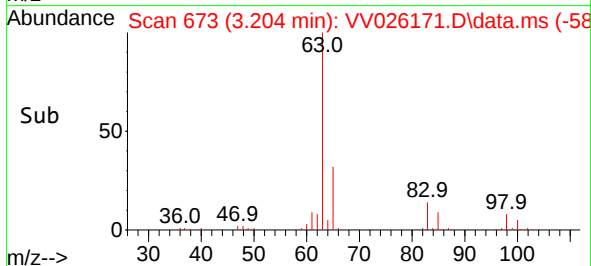
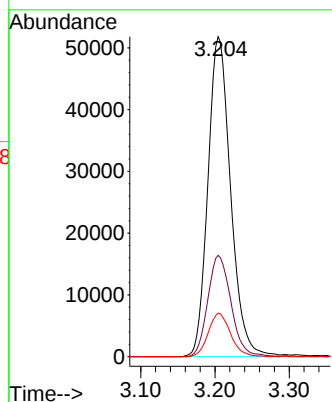
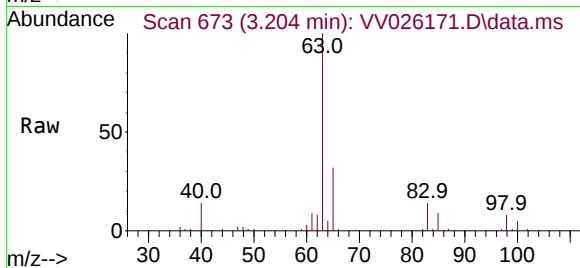
Tgt Ion: 63 Resp: 109984

Ion Ratio Lower Upper

63 100

65 31.6 22.1 41.1

83 13.6 9.5 17.7



#21

2-Butanone

Concen: 34.750 ug/L

RT: 4.002 min Scan# 921

Delta R.T. 0.000 min

Lab File: VV026171.D

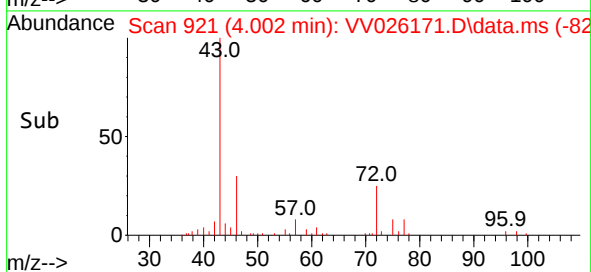
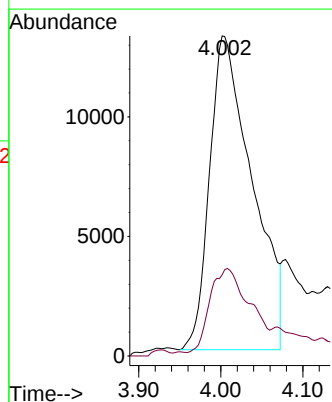
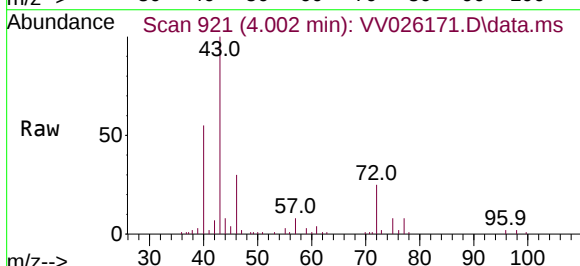
Acq: 12 Jun 2022 18:20

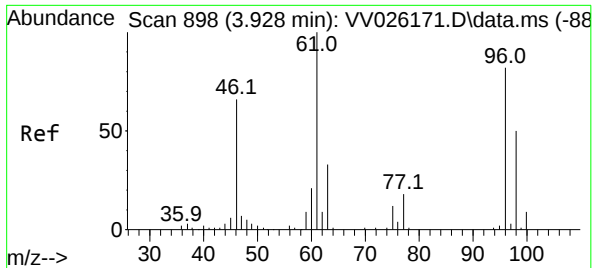
Tgt Ion: 43 Resp: 47462

Ion Ratio Lower Upper

43 100

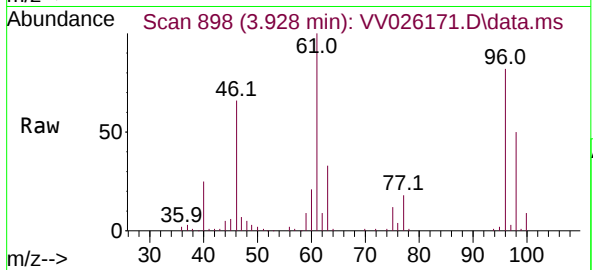
72 25.0 10.6 31.8



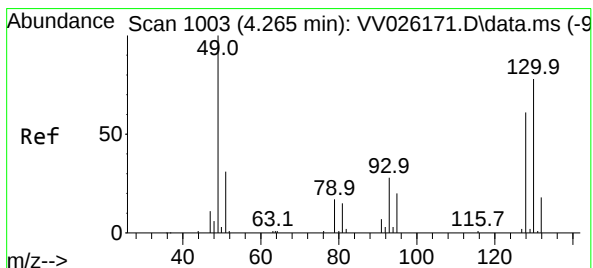
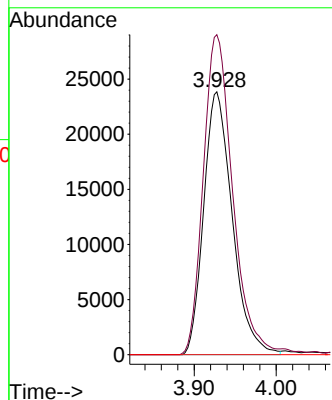
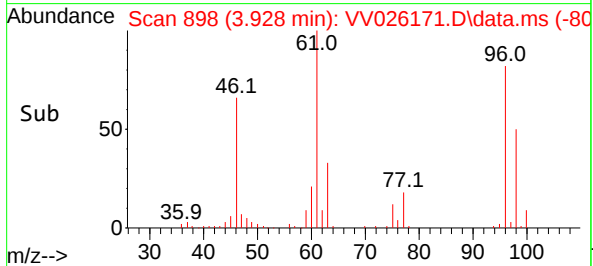


#22
 cis-1,2-Dichloroethene
 Concen: 4.430 ug/L
 RT: 3.928 min Scan# 898
 Delta R.T. 0.000 min
 Lab File: VV026171.D
 Acq: 12 Jun 2022 18:20

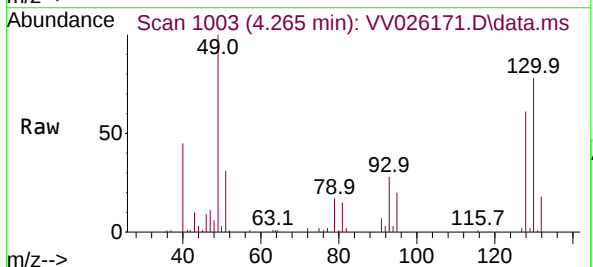
Instrument :
 MSVOA_V
 ClientSampleId :



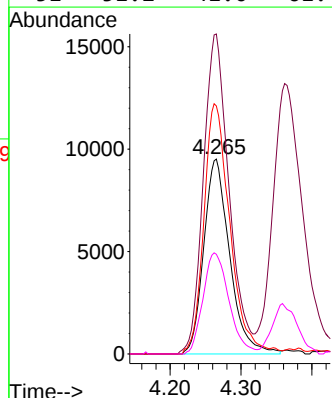
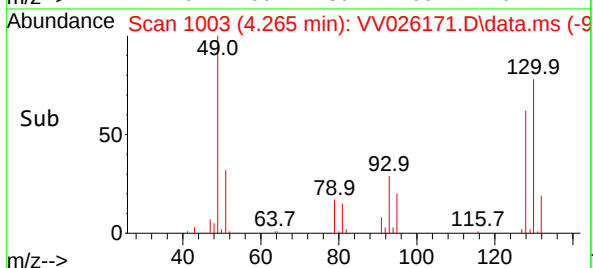
Tgt Ion: 96 Resp: 57716
 Ion Ratio Lower Upper
 96 100
 61 121.7 85.2 158.2
 68 0.0 0.0 0.0

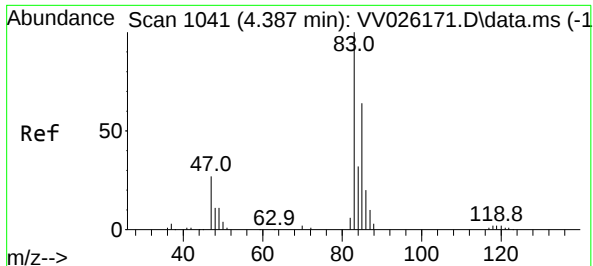


#23
 Bromochloromethane
 Concen: 4.436 ug/L
 RT: 4.265 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VV026171.D
 Acq: 12 Jun 2022 18:20



Tgt Ion: 128 Resp: 24130
 Ion Ratio Lower Upper
 128 100
 49 164.2 114.9 213.5
 130 127.3 89.1 165.5
 51 51.2 41.0 61.4





#25

Chloroform

Concen: 4.524 ug/L

RT: 4.387 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

Instrument :

MSVOA_V

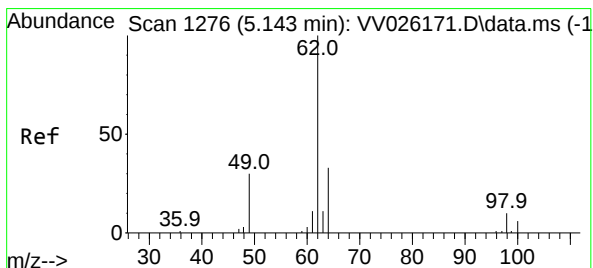
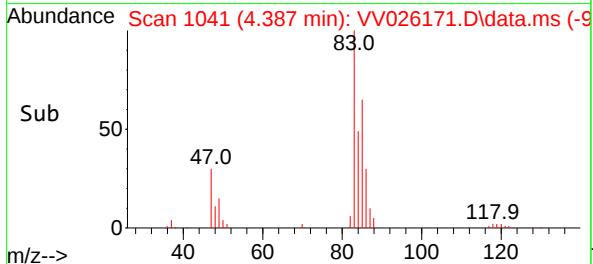
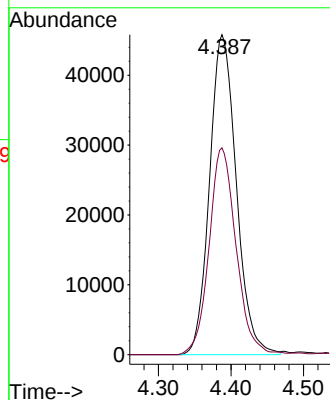
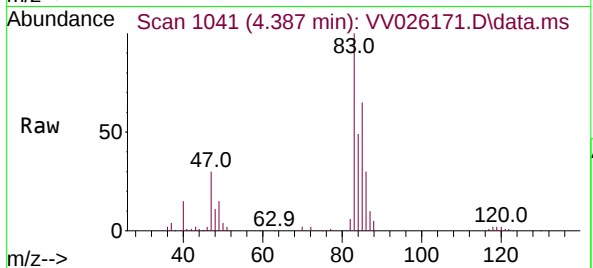
ClientSampleId :

Tgt Ion: 83 Resp: 117495

Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1



#27

1,2-Dichloroethane

Concen: 4.302 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VV026171.D

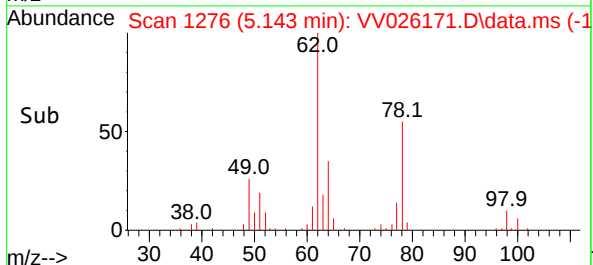
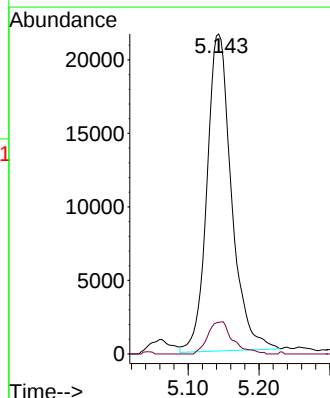
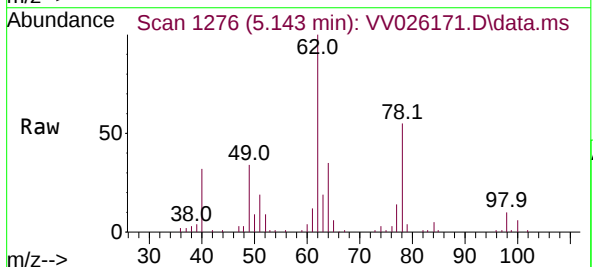
Acq: 12 Jun 2022 18:20

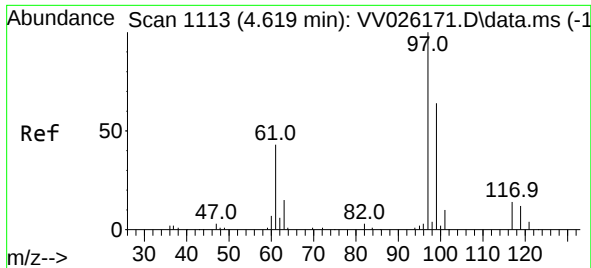
Tgt Ion: 62 Resp: 51934

Ion Ratio Lower Upper

62 100

98 9.9 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 4.499 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

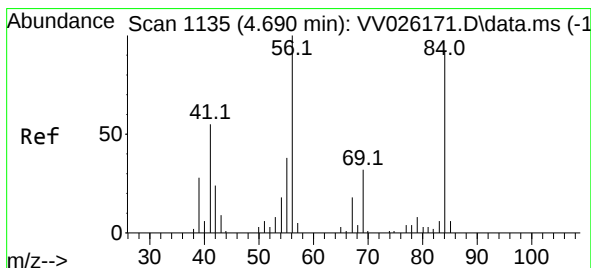
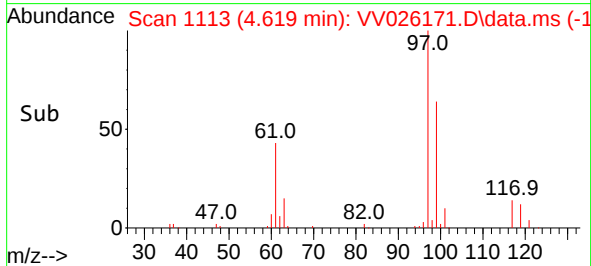
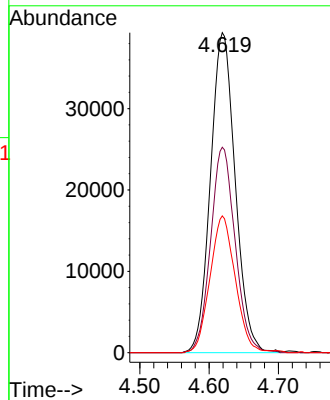
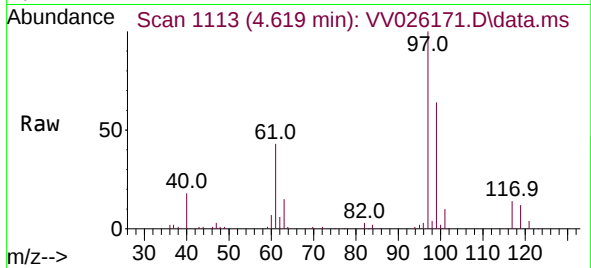
Tgt Ion: 97 Resp: 97769

Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 43.6 34.9 52.3



#30

Cyclohexane

Concen: 4.318 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

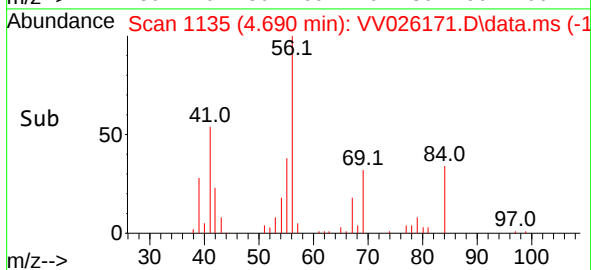
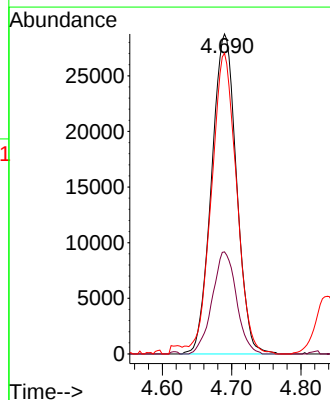
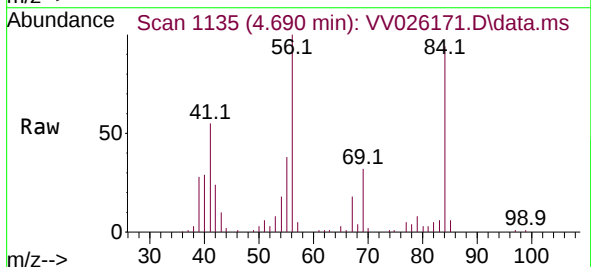
Tgt Ion: 56 Resp: 71865

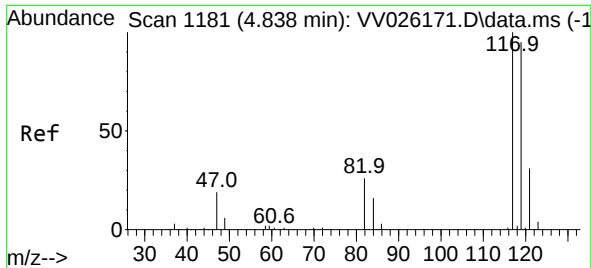
Ion Ratio Lower Upper

56 100

69 31.0 24.8 37.2

84 94.6 75.7 113.5

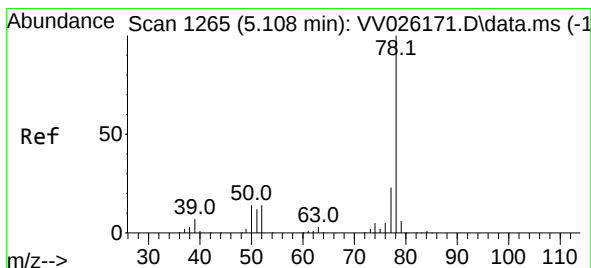
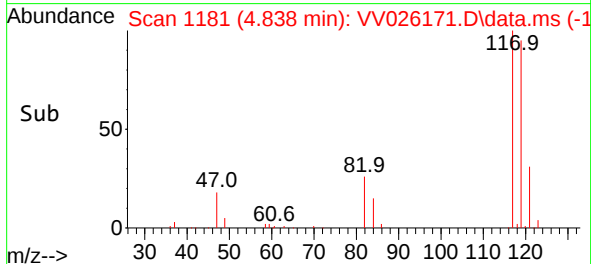
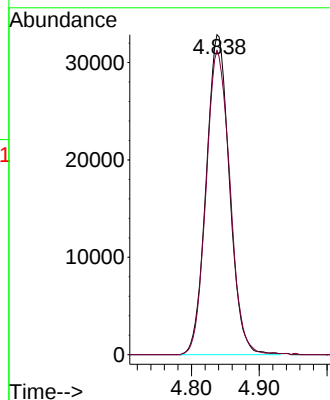
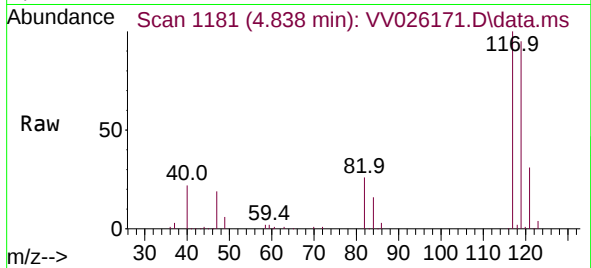




#31
Carbon tetrachloride
Concen: 4.461 ug/L
RT: 4.838 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

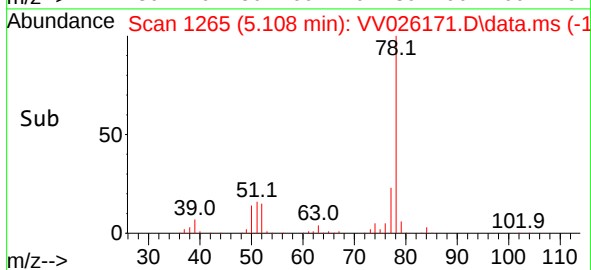
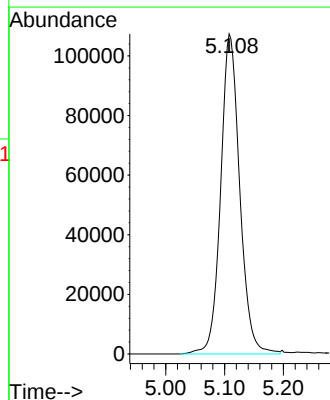
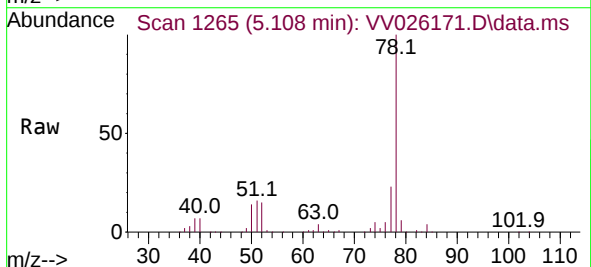
Instrument :
MSVOA_V
ClientSampleId :

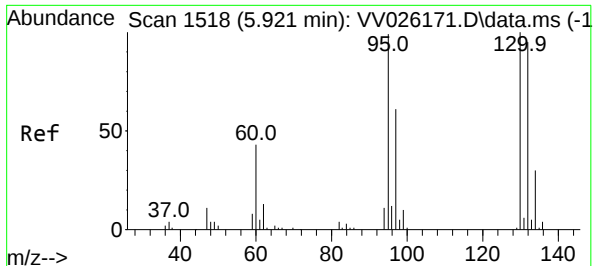
Tgt Ion:117 Resp: 78350
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.8



#33
Benzene
Concen: 4.827 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

Tgt Ion: 78 Resp: 241944

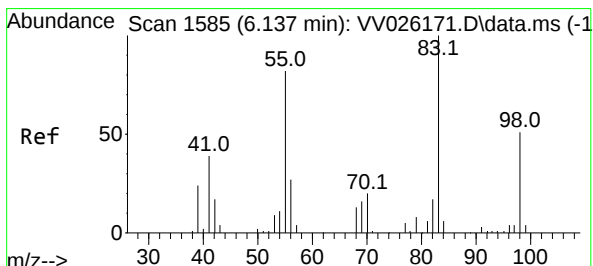
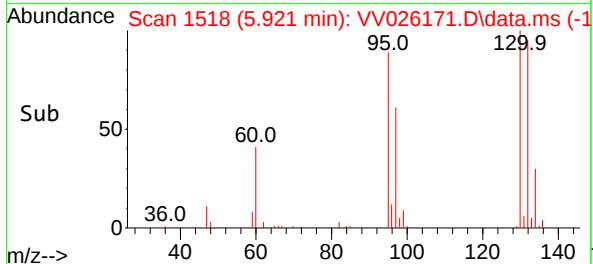
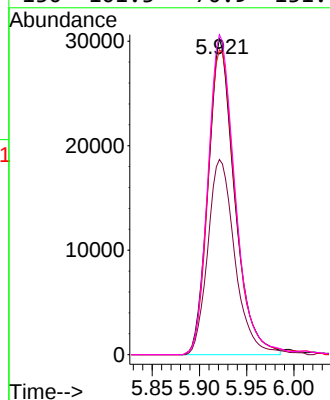
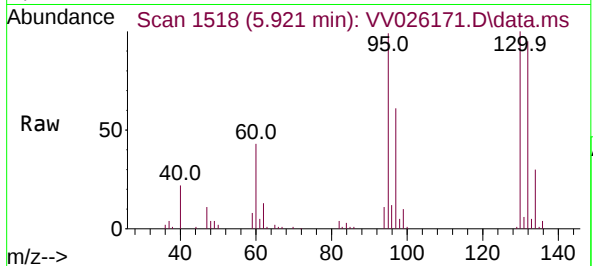




#34
Trichloroethene
Concen: 4.336 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

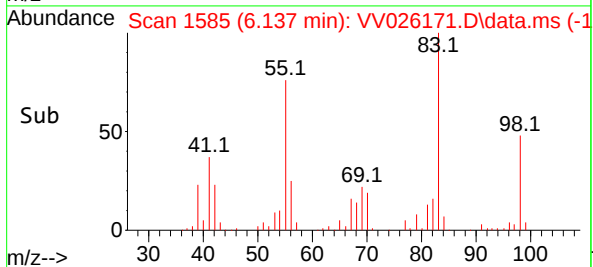
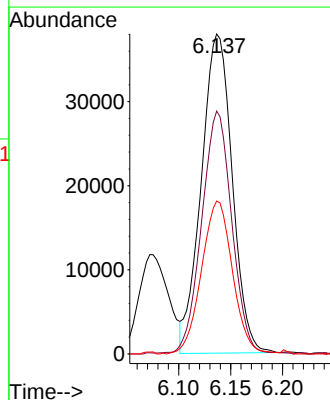
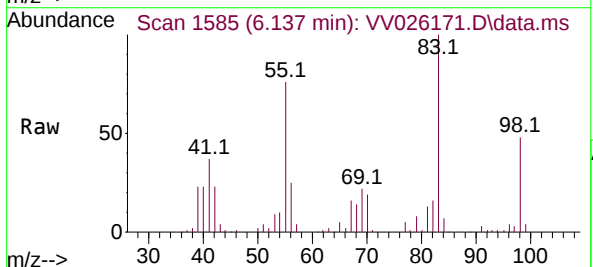
Instrument :
MSVOA_V
ClientSampleId :

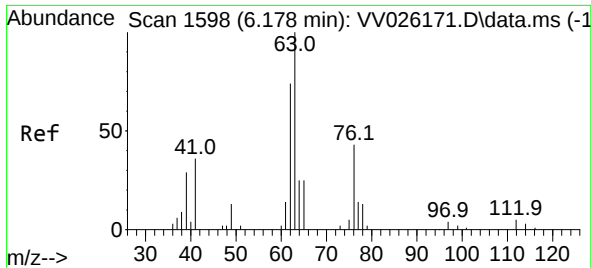
Tgt Ion: 95 Resp: 58701
Ion Ratio Lower Upper
95 100
97 61.8 43.3 80.3
132 96.5 67.5 125.4
130 101.3 70.9 131.7



#35
Methylcyclohexane
Concen: 4.295 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

Tgt Ion: 83 Resp: 78620
Ion Ratio Lower Upper
83 100
55 74.4 59.5 89.3
98 48.0 38.4 57.6





#37

1,2-Dichloropropane

Concen: 4.420 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

Instrument :

MSVOA_V

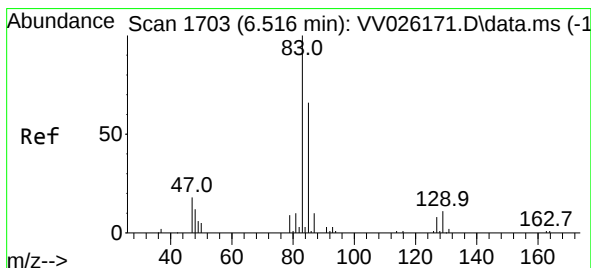
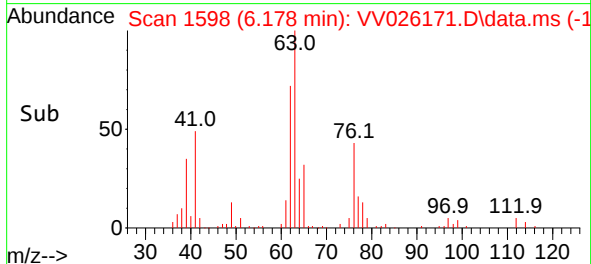
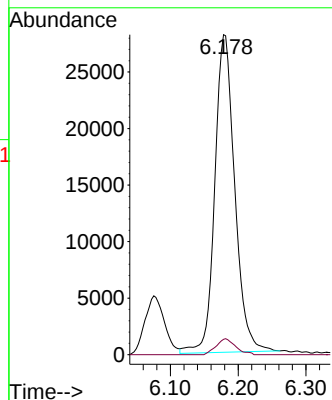
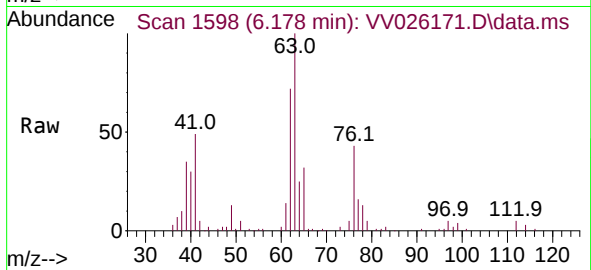
ClientSampleId :

Tgt Ion: 63 Resp: 57394

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 4.504 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

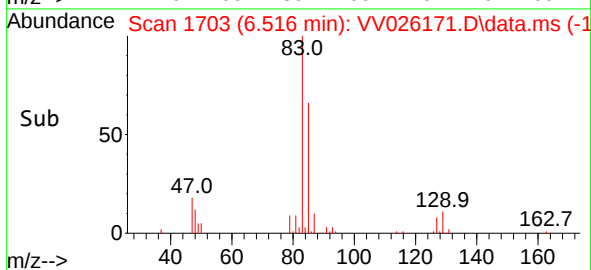
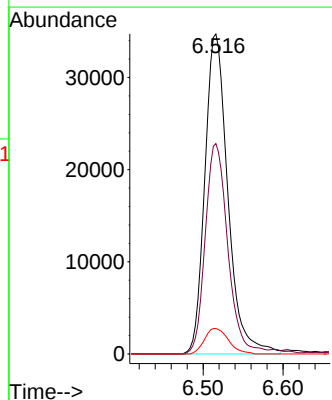
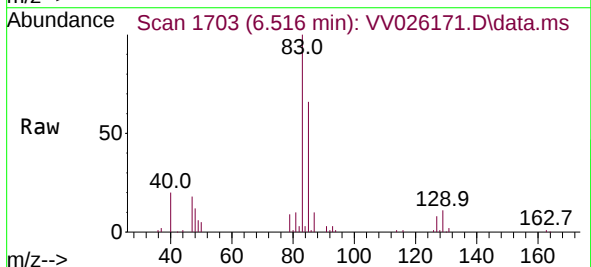
Tgt Ion: 83 Resp: 69667

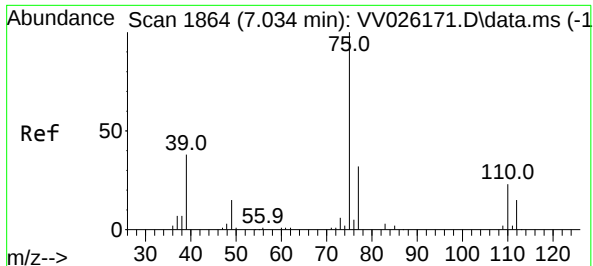
Ion Ratio Lower Upper

83 100

85 65.7 46.0 85.4

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.357 ug/L

RT: 7.034 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

Instrument :

MSVOA_V

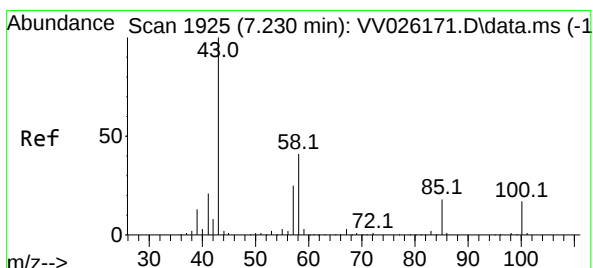
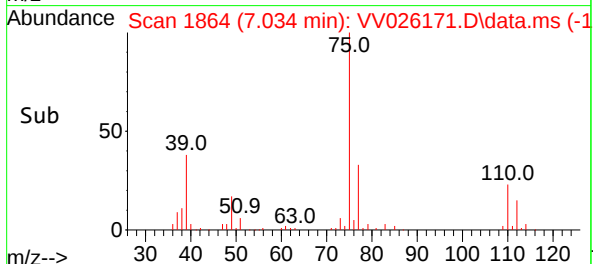
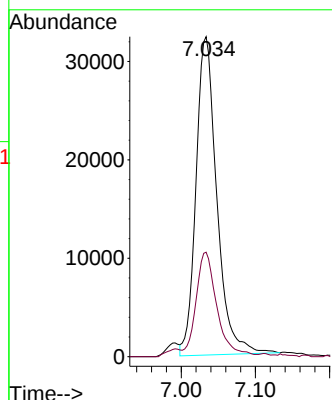
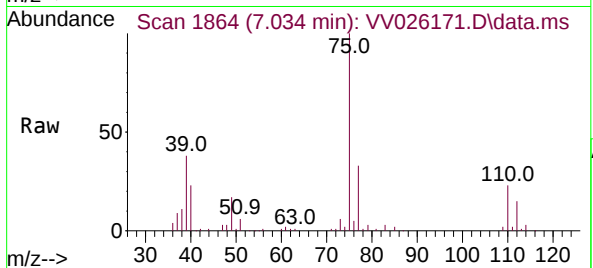
ClientSampleId :

Tgt Ion: 75 Resp: 63121

Ion Ratio Lower Upper

75 100

77 32.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 45.599 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

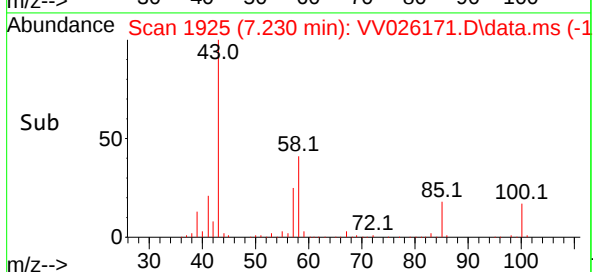
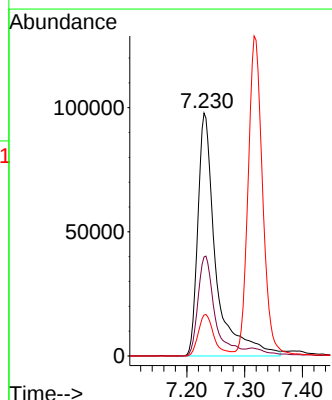
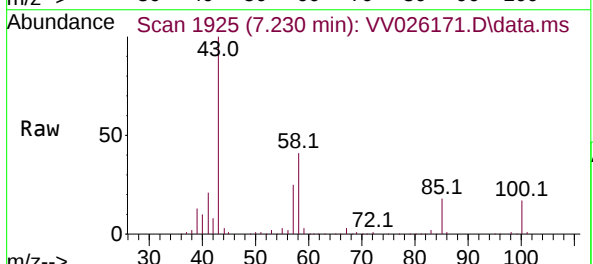
Tgt Ion: 43 Resp: 211902

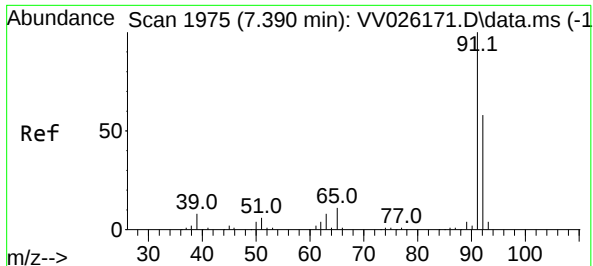
Ion Ratio Lower Upper

43 100

58 38.6 30.9 46.3

100 15.0 12.0 18.0





#42

Toluene

Concen: 4.860 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

Instrument :

MSVOA_V

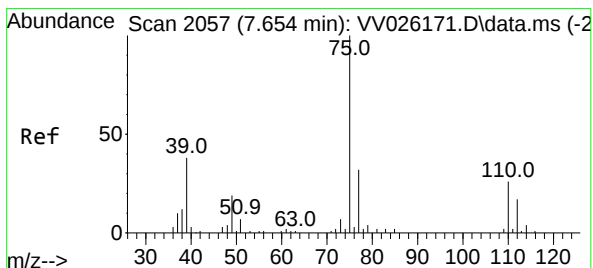
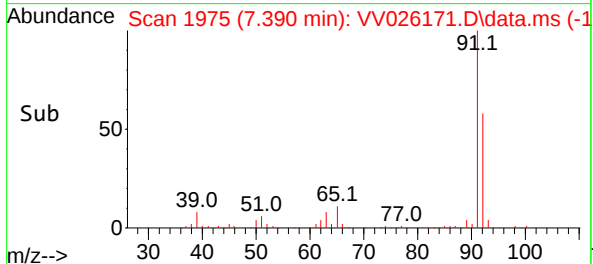
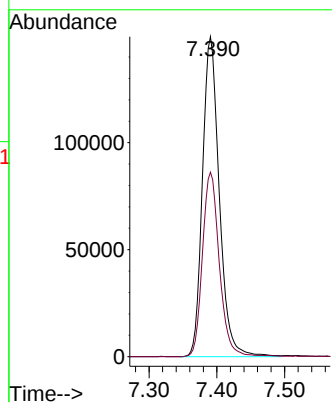
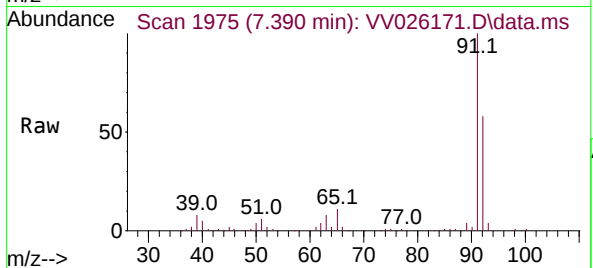
ClientSampleId :

Tgt Ion: 91 Resp: 257928

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.651 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV026171.D

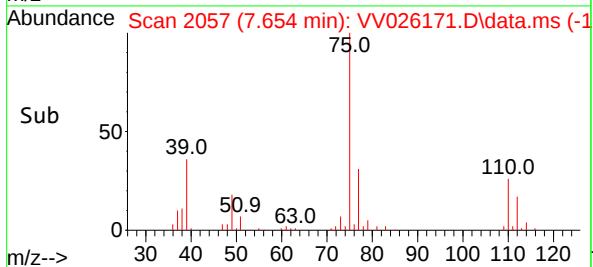
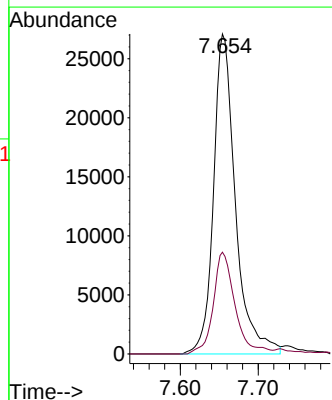
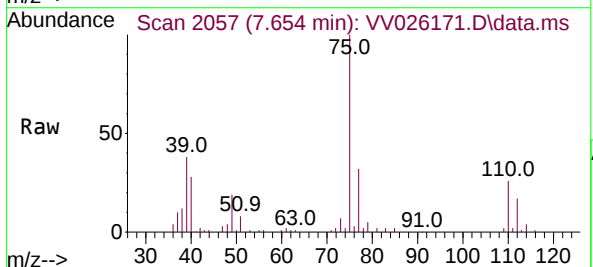
Acq: 12 Jun 2022 18:20

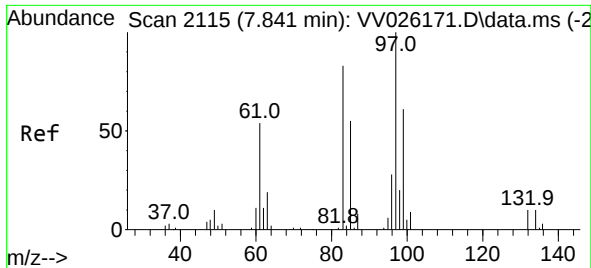
Tgt Ion: 75 Resp: 53005

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3

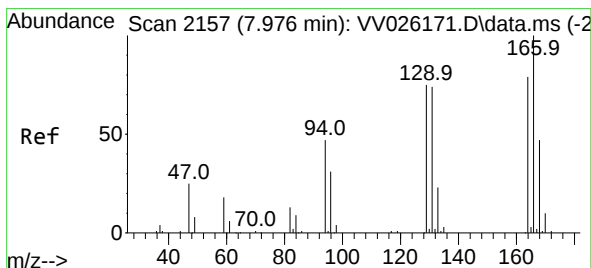
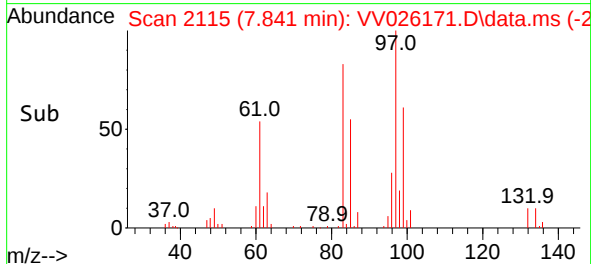
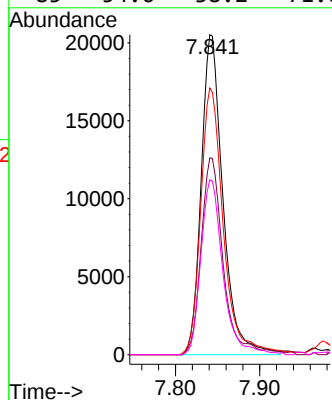
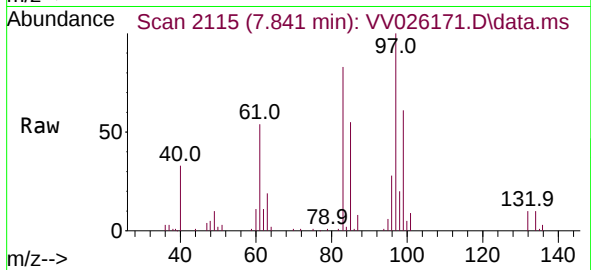




#45
1,1,2-Trichloroethane
Concen: 4.508 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

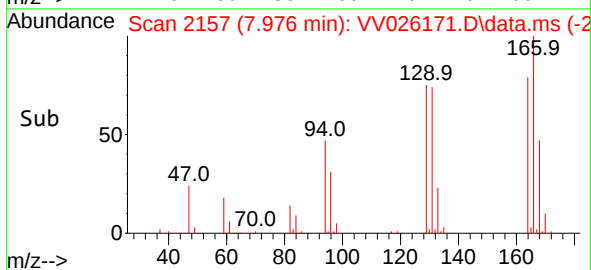
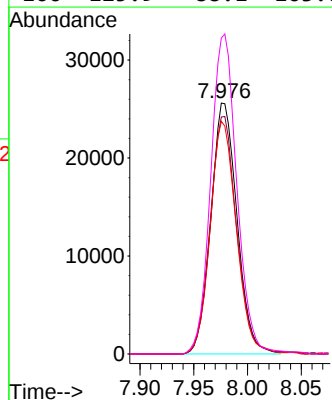
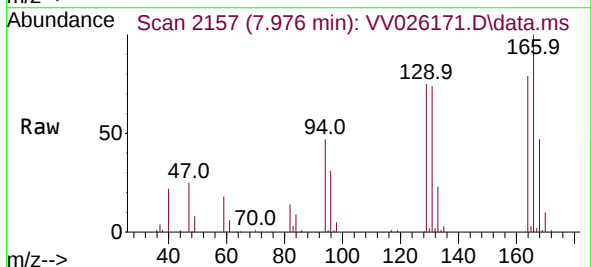
Instrument :
MSVOA_V
ClientSampleId :

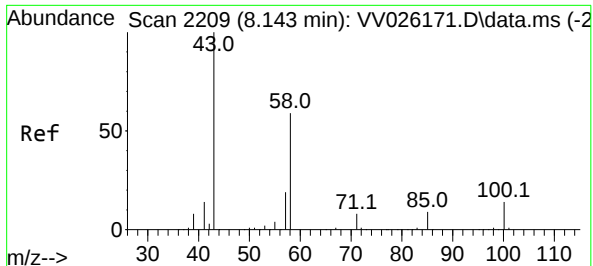
Tgt Ion: 97	Resp: 36850
Ion Ratio	Lower Upper
97 100	
99 61.5	43.0 80.0
83 83.4	58.4 108.4
85 54.6	38.2 71.0



#47
Tetrachloroethene
Concen: 4.456 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

Tgt	Ion:164	Resp:	43327
Ion	Ratio	Lower	Upper
164	100		
129	94.4	66.1	122.7
131	92.8	65.0	120.6
166	125.9	88.1	163.7

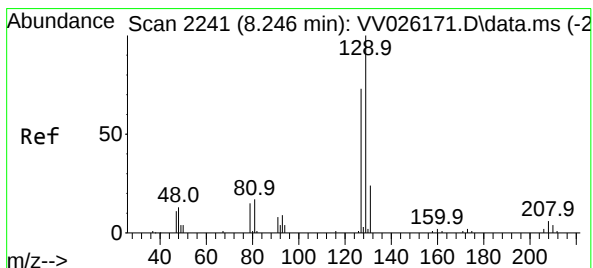
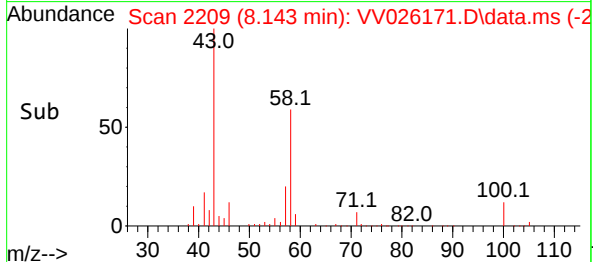
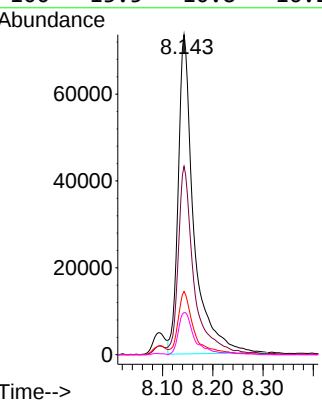
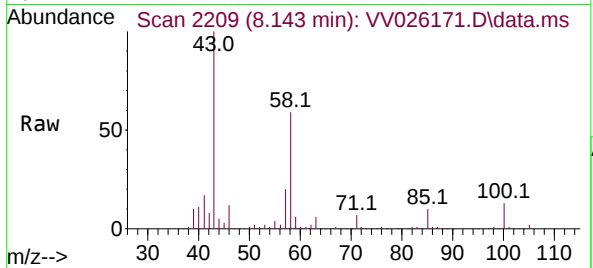




#48
2-Hexanone
Concen: 48.484 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

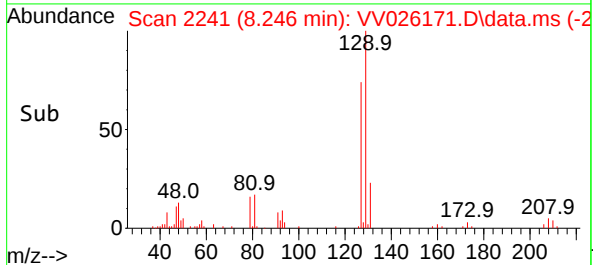
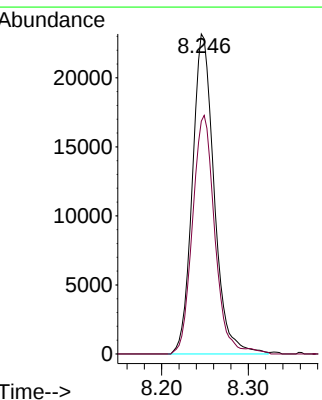
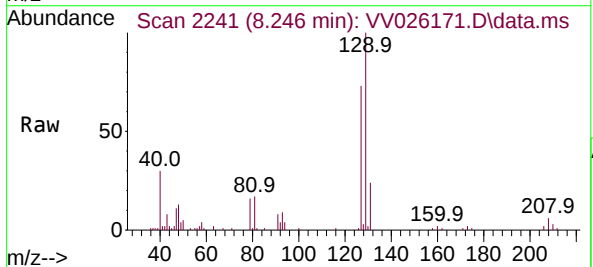
Instrument :
MSVOA_V
ClientSampleId :

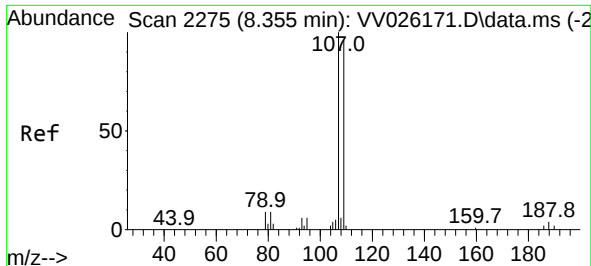
Tgt Ion: 43 Resp: 158933
Ion Ratio Lower Upper
43 100
58 57.6 46.1 69.1
57 19.1 15.3 22.9
100 13.5 10.8 16.2



#49
Dibromochloromethane
Concen: 4.542 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

Tgt Ion: 129 Resp: 40524
Ion Ratio Lower Upper
129 100
127 72.7 50.9 94.5





#50

1,2-Dibromoethane

Concen: 4.599 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026171.D

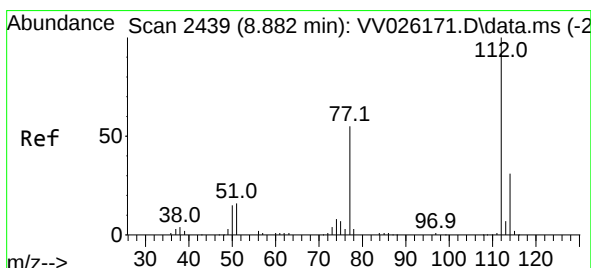
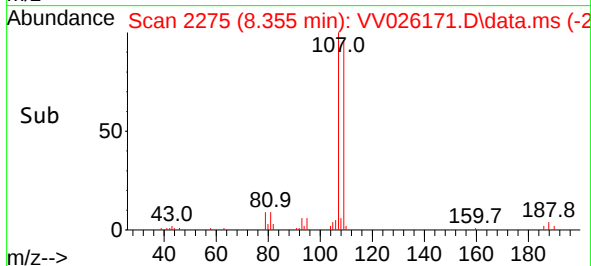
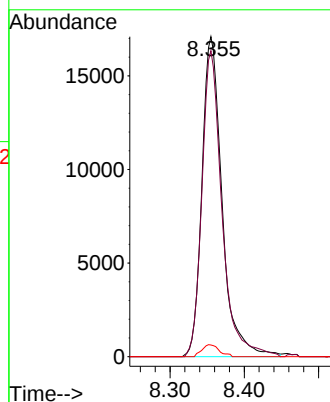
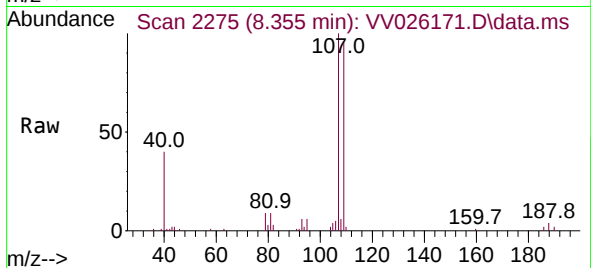
Acq: 12 Jun 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	32154
Ion	Ratio	Lower	Upper
107	100		
109	95.6	66.9	124.3
188	3.6	2.9	4.3



#51

Chlorobenzene

Concen: 4.566 ug/L

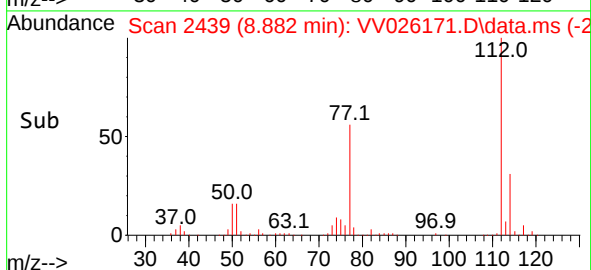
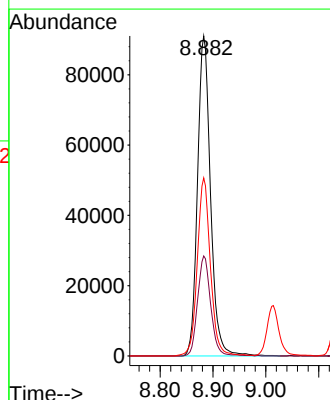
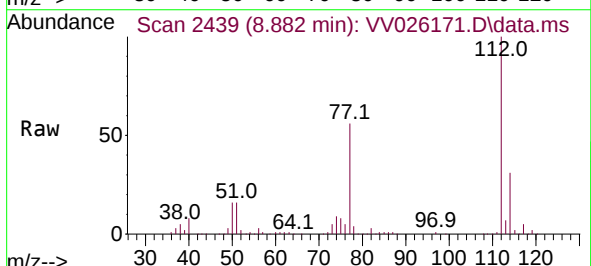
RT: 8.882 min Scan# 2439

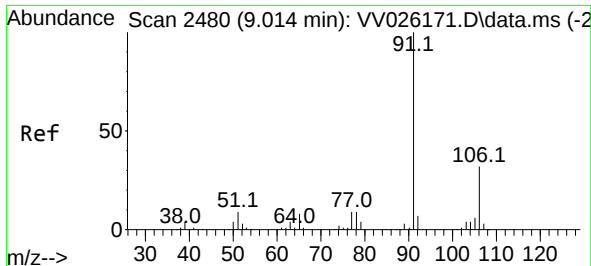
Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

Tgt Ion:	112	Resp:	155811
Ion	Ratio	Lower	Upper
112	100		
114	31.2	21.8	40.6
77	55.7	44.6	66.8

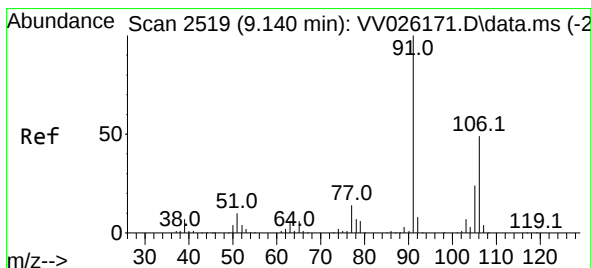
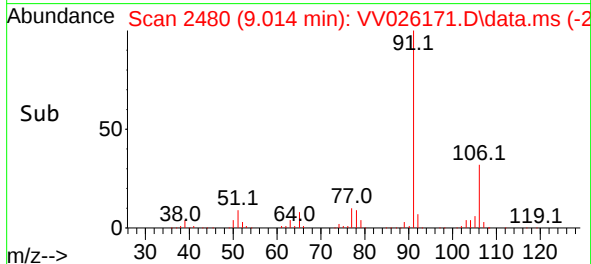
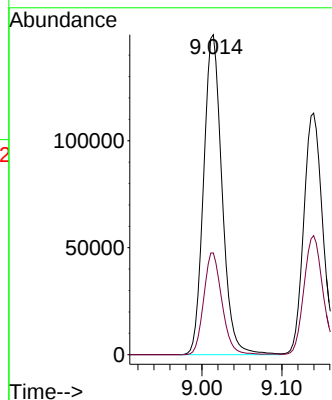
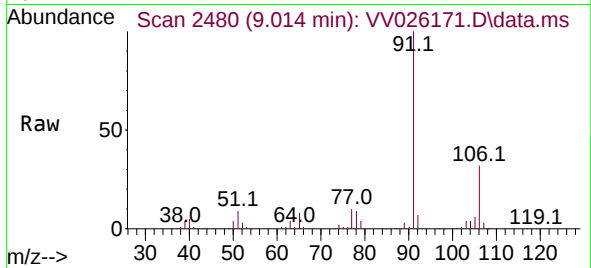




#52
Ethylbenzene
Concen: 4.559 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

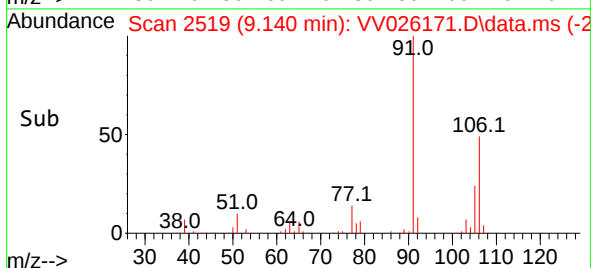
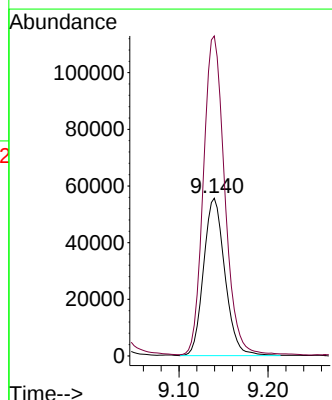
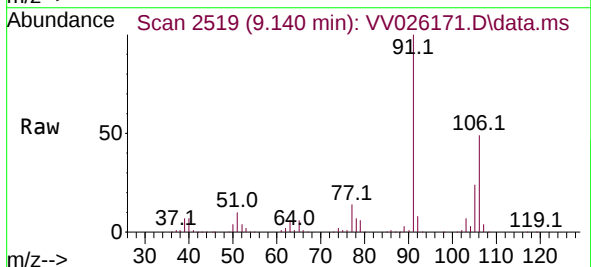
Instrument :
MSVOA_V
ClientSampleId :

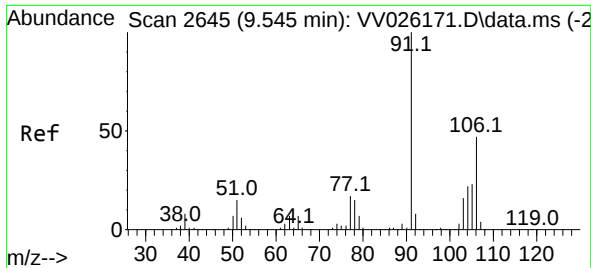
Tgt Ion: 91 Resp: 240062
Ion Ratio Lower Upper
91 100
106 31.8 22.3 41.3



#53
m,p-Xylene
Concen: 4.577 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

Tgt Ion: 106 Resp: 92260
Ion Ratio Lower Upper
106 100
91 202.9 142.0 263.8

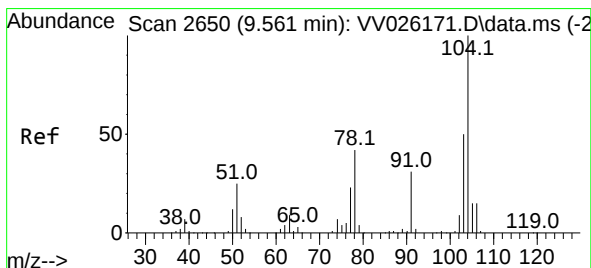
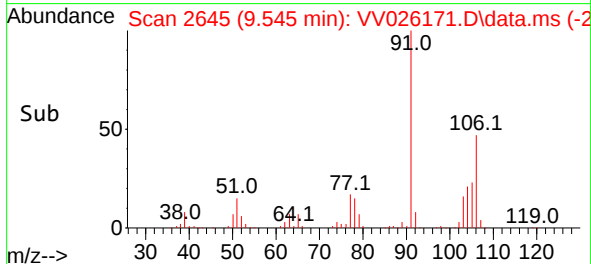
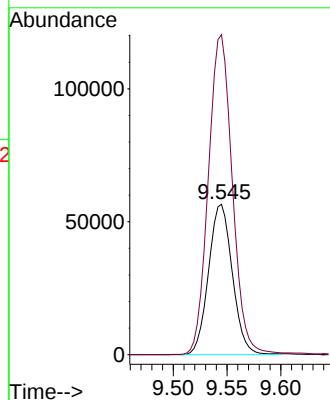
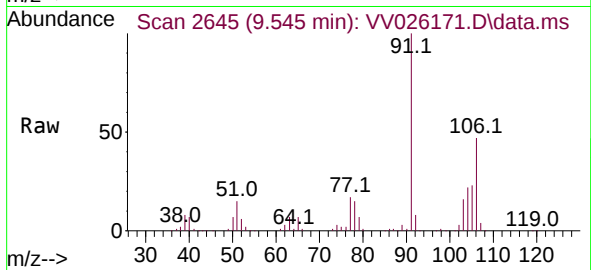




#54
o-Xylene
Concen: 4.477 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

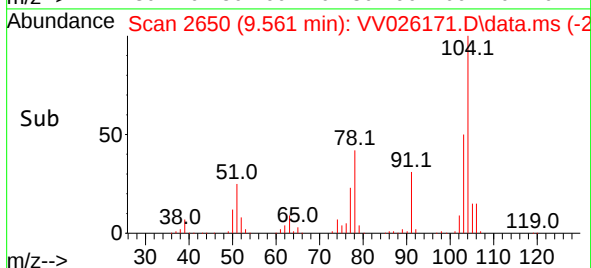
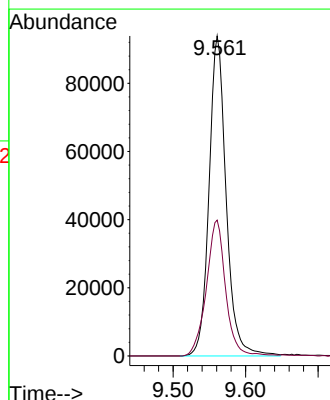
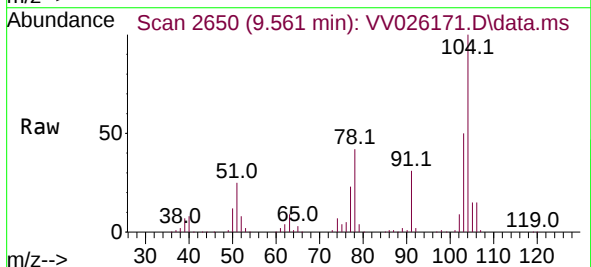
Instrument :
MSVOA_V
ClientSampleId :

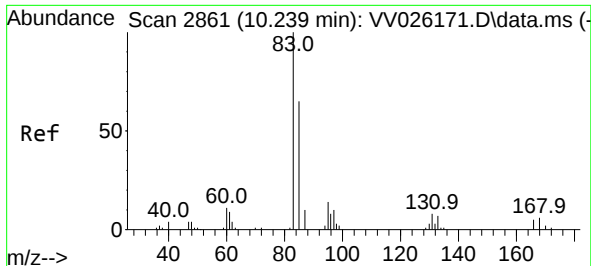
Tgt Ion:106 Resp: 87244
Ion Ratio Lower Upper
106 100
91 212.8 149.0 276.6



#55
Styrene
Concen: 4.797 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

Tgt Ion:104 Resp: 154124
Ion Ratio Lower Upper
104 100
78 42.4 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.433 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

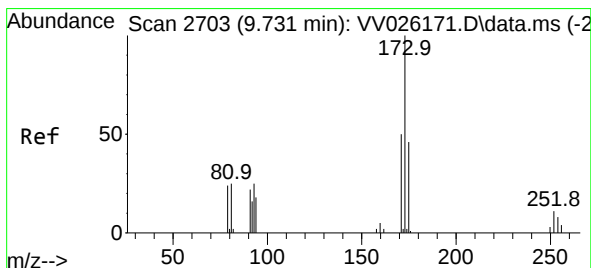
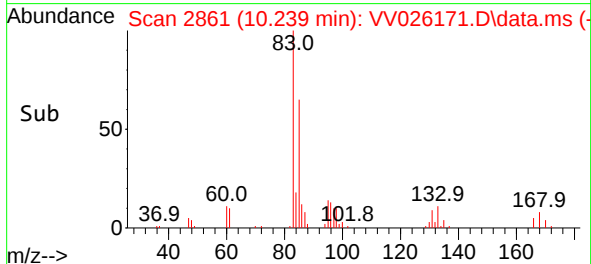
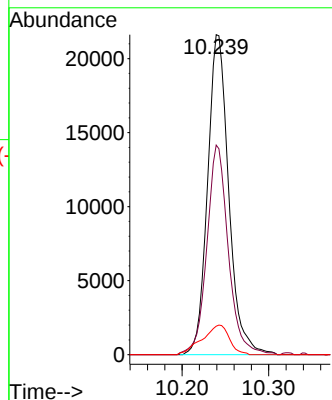
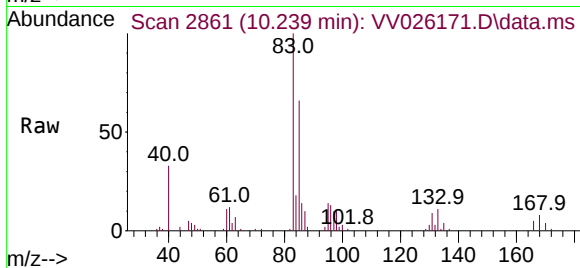
Tgt Ion: 83 Resp: 36727

Ion Ratio Lower Upper

83 100

85 65.5 45.8 85.2

131 8.9 7.1 10.7



#59

Bromoform

Concen: 4.386 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

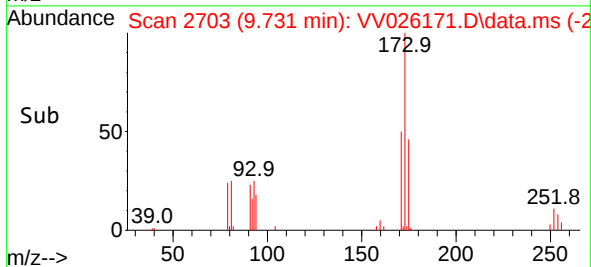
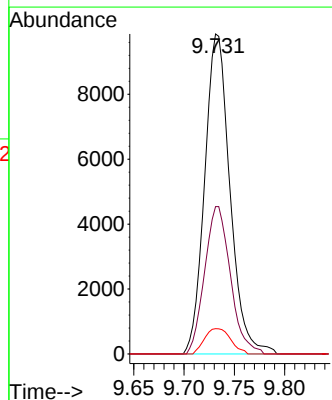
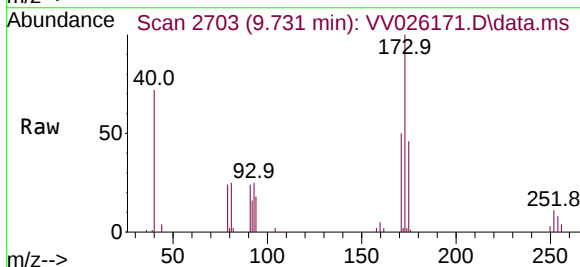
Tgt Ion: 173 Resp: 17242

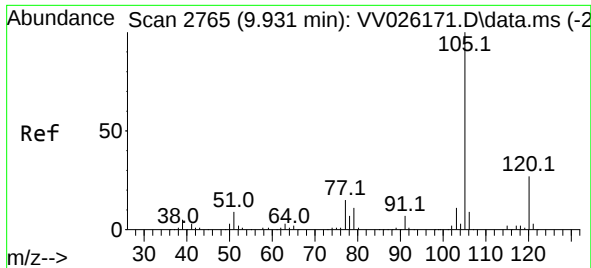
Ion Ratio Lower Upper

173 100

175 46.8 37.4 56.2

254 8.1 6.5 9.7

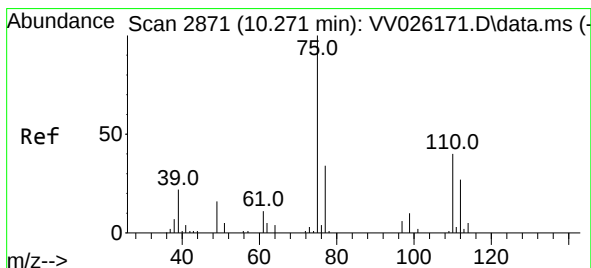
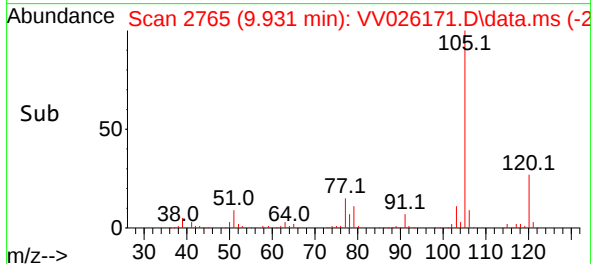
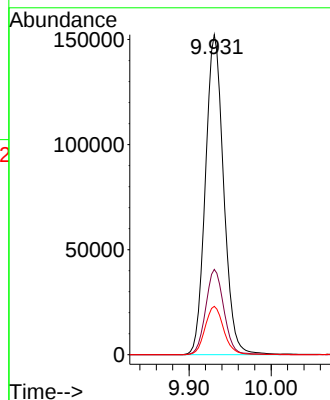
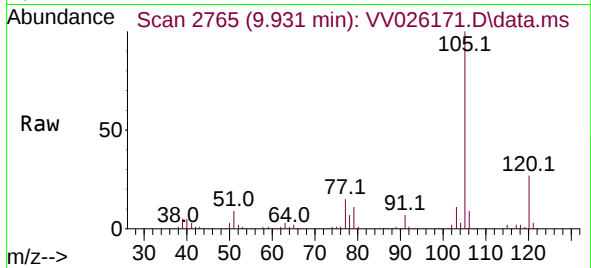




#60
Isopropylbenzene
Concen: 4.396 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

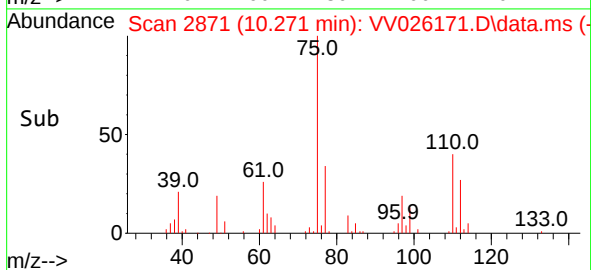
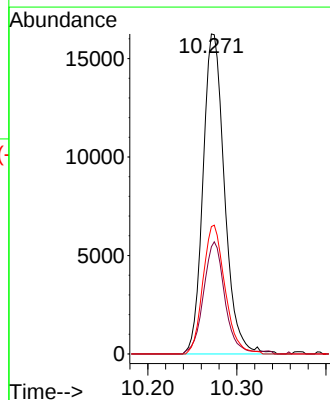
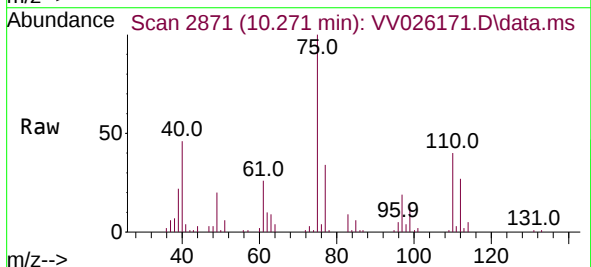
Instrument :
MSVOA_V
ClientSampleId :

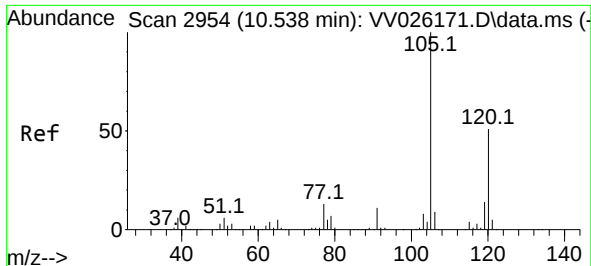
Tgt Ion:105 Resp: 235327
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 15.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 4.335 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

Tgt Ion: 75 Resp: 27214
Ion Ratio Lower Upper
75 100
77 34.8 27.8 41.8
110 41.2 33.0 49.4

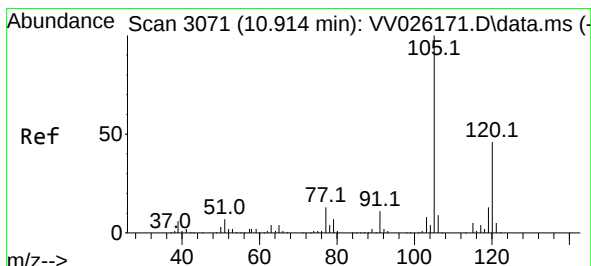
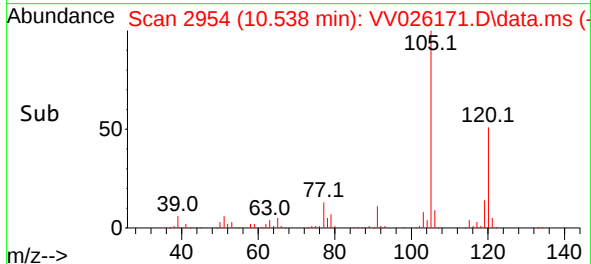
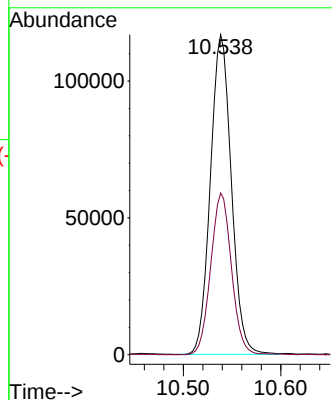
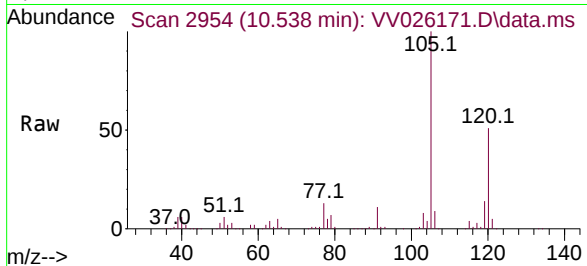




#62
 1,3,5-Trimethylbenzene
 Concen: 4.137 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026171.D
 Acq: 12 Jun 2022 18:20

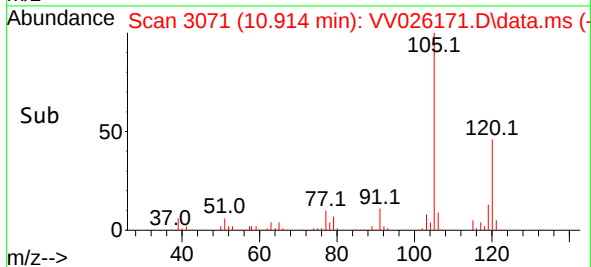
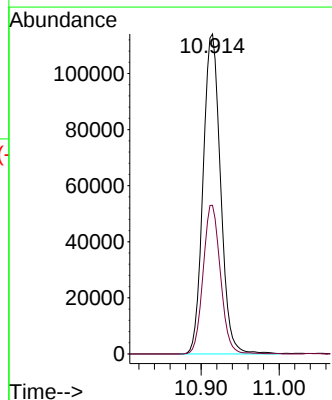
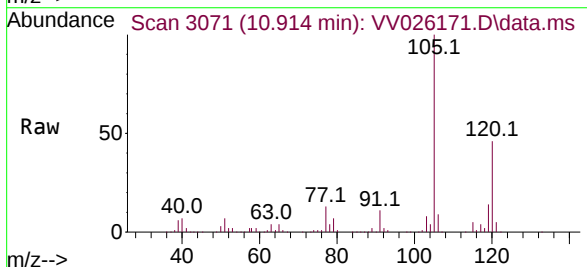
Instrument :
 MSVOA_V
 ClientSampleId :

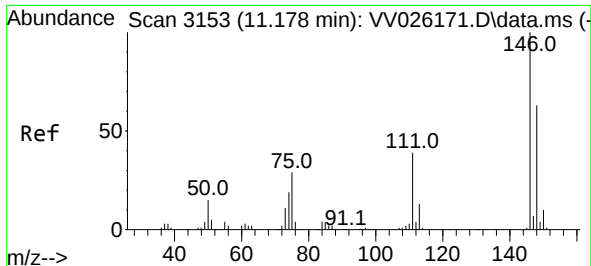
Tgt Ion:105 Resp: 174628
 Ion Ratio Lower Upper
 105 100
 120 50.1 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.273 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV026171.D
 Acq: 12 Jun 2022 18:20

Tgt Ion:105 Resp: 177503
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.9 55.3

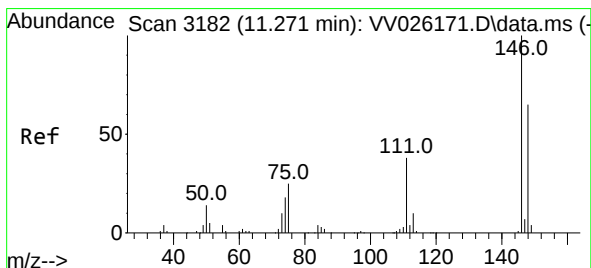
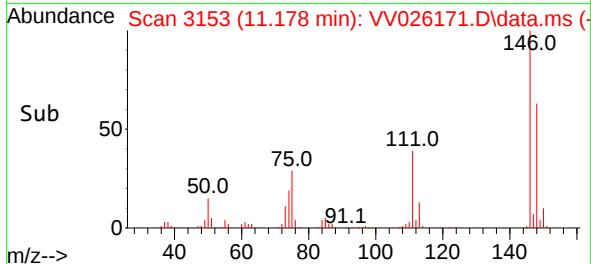
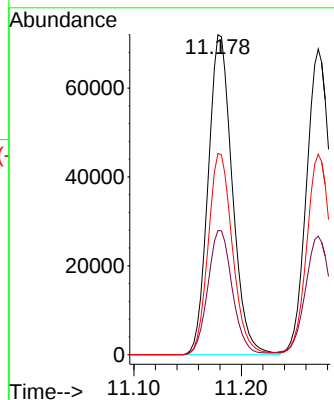
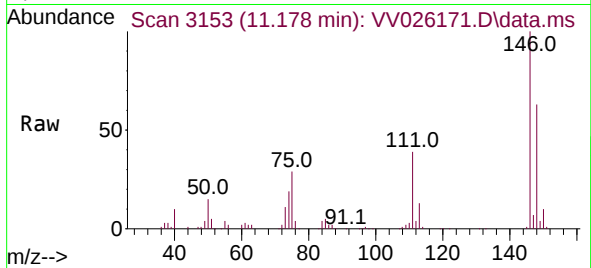




#64
1,3-Dichlorobenzene
Concen: 4.404 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

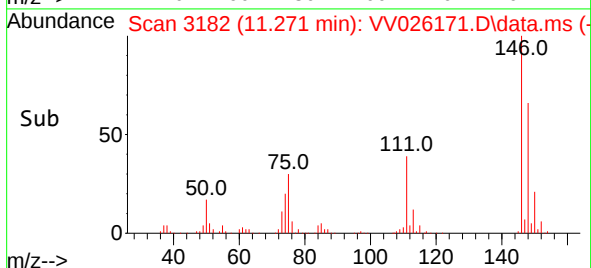
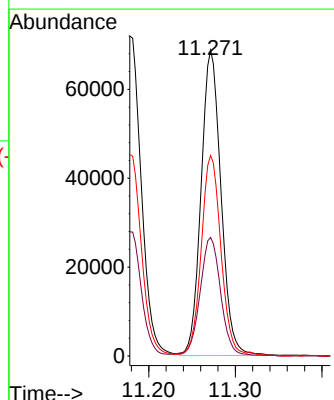
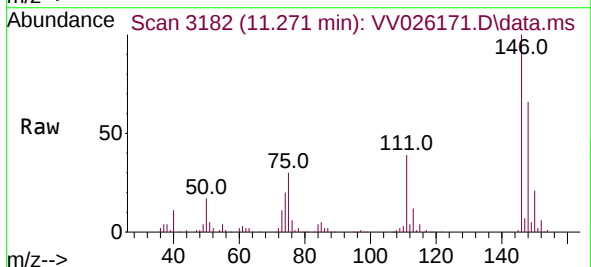
Instrument :
MSVOA_V
ClientSampleId :

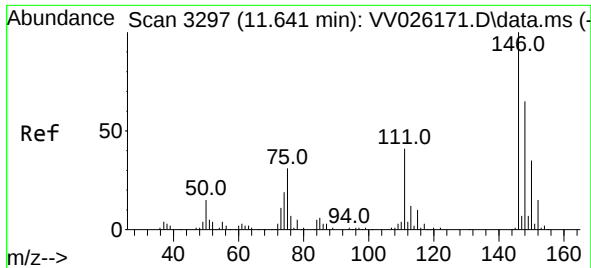
Tgt Ion:146 Resp: 112386
Ion Ratio Lower Upper
146 100
111 38.8 27.2 50.4
148 62.9 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.340 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026171.D
Acq: 12 Jun 2022 18:20

Tgt Ion:146 Resp: 109875
Ion Ratio Lower Upper
146 100
111 38.8 27.2 50.4
148 65.6 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 4.382 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

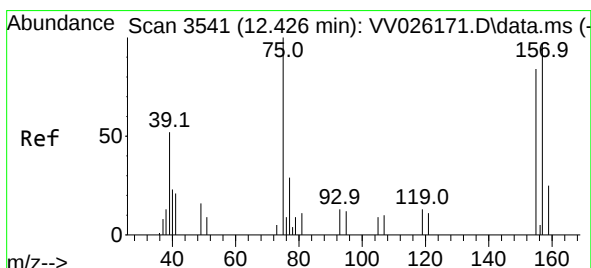
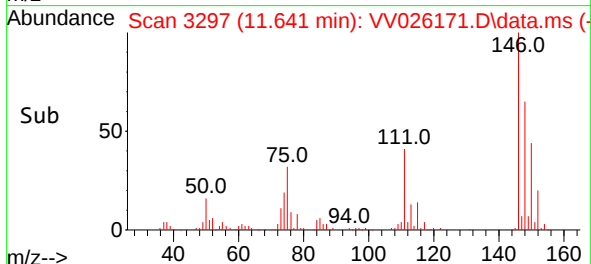
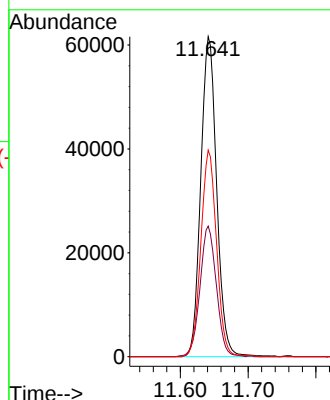
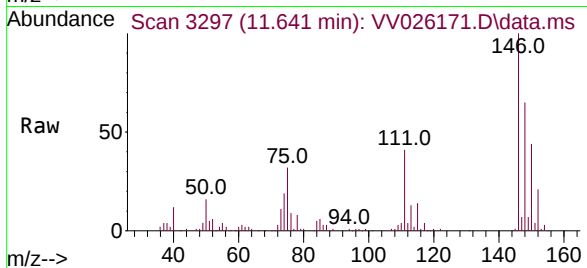
Tgt Ion:146 Resp: 100256

Ion Ratio Lower Upper

146 100

111 40.8 32.6 49.0

148 64.6 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.451 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

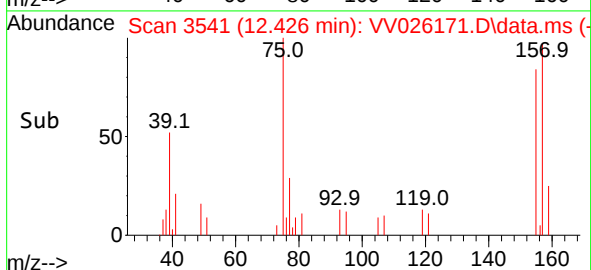
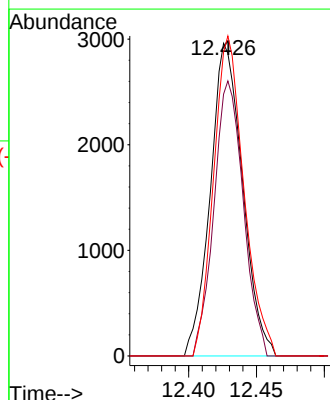
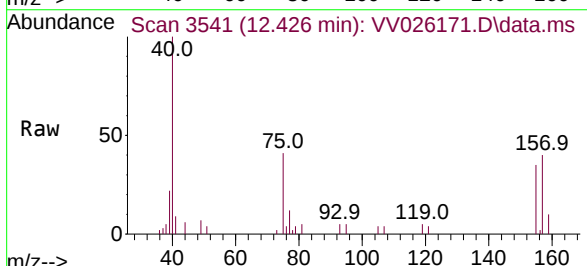
Tgt Ion: 75 Resp: 4905

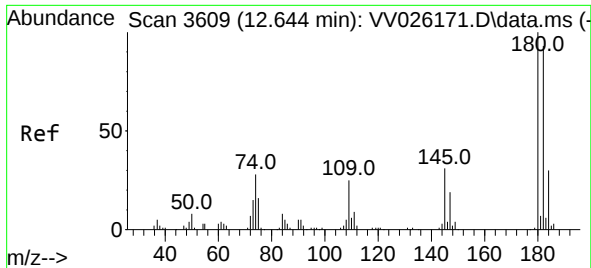
Ion Ratio Lower Upper

75 100

155 83.8 67.0 100.6

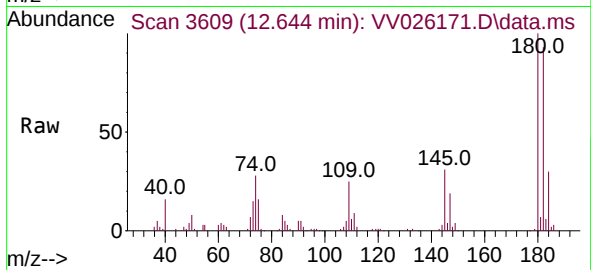
157 97.1 77.7 116.5



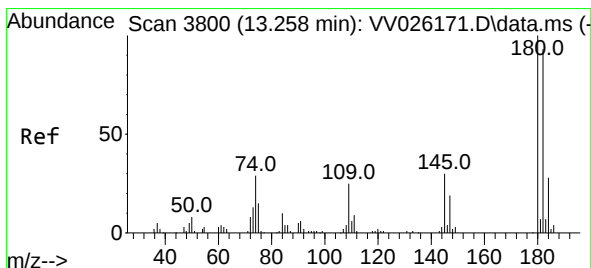
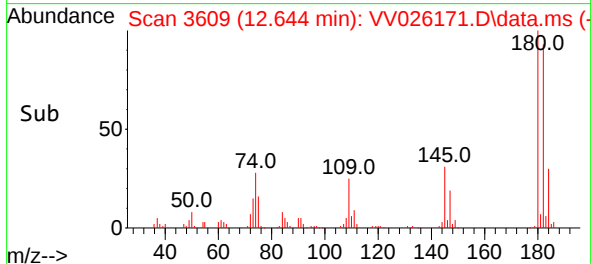
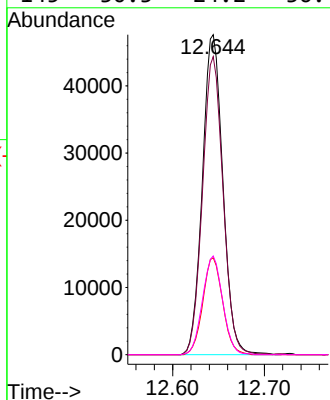


#69
 1,3,5-Trichlorobenzene
 Concen: 4.123 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026171.D
 Acq: 12 Jun 2022 18:20

Instrument :
 MSVOA_V
 ClientSampleId :

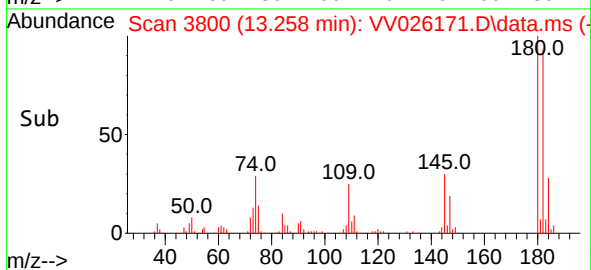
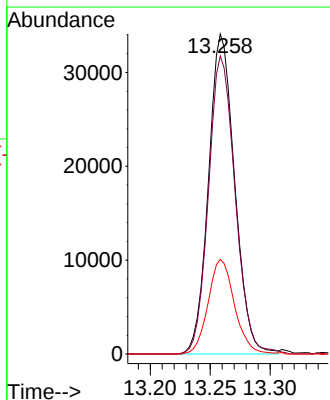
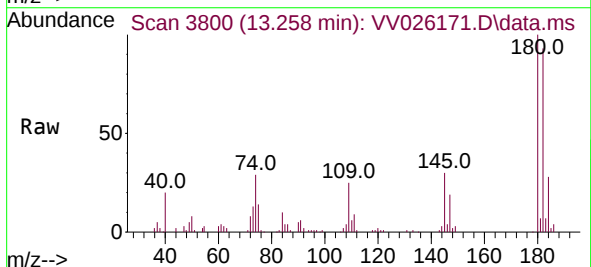


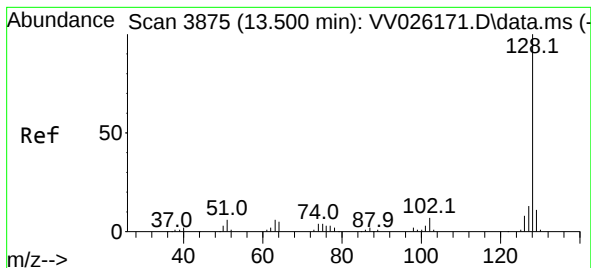
Tgt Ion:180	Resp:	73954
Ion Ratio	Lower	Upper
180	100	
182	93.2	74.6 111.8
184	29.4	23.5 35.3
145	30.3	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.007 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026171.D
 Acq: 12 Jun 2022 18:20

Tgt Ion:180	Resp:	51735
Ion Ratio	Lower	Upper
180	100	
182	94.7	75.8 113.6
145	29.8	23.8 35.8





#71

Naphthalene

Concen: 3.763 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

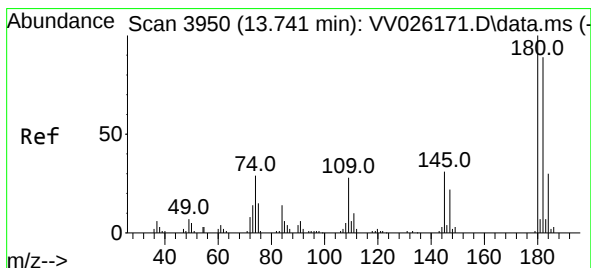
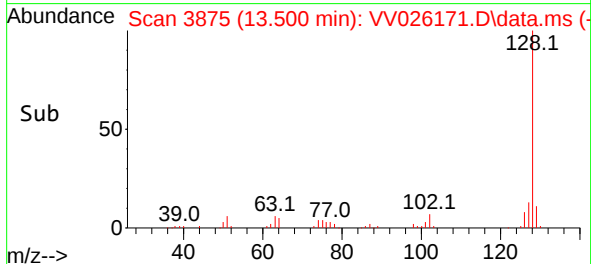
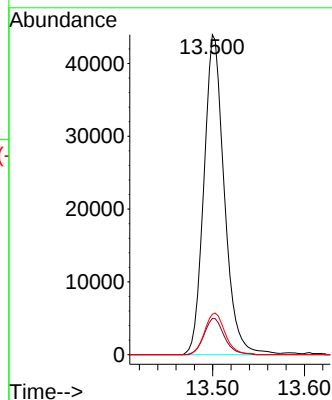
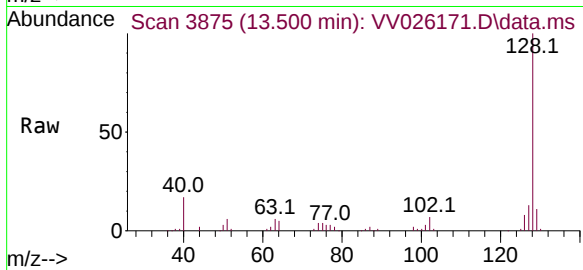
Tgt Ion:128 Resp: 67916

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.1 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 4.085 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026171.D

Acq: 12 Jun 2022 18:20

Tgt Ion:180 Resp: 43546

Ion Ratio Lower Upper

180 100

182 90.4 72.3 108.5

145 31.7 25.4 38.0

