

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071122\
 Data File : VW026712.D
 Acq On : 11 Jul 2022 20:20
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005203

Quant Time: Jul 12 05:24:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 12 05:17:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	240183	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	234423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	127077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	108844	5.279	ug/L	0.00
7) Chloroethane-d5	1.561	69	95157	5.190	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	213271	5.310	ug/L	0.00
20) 2-Butanone-d5	3.921	46	171884	52.311	ug/L	0.00
24) Chloroform-d	4.342	84	193039	5.288	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	85473	5.338	ug/L	0.00
32) Benzene-d6	5.046	84	368763	5.439	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	107916	5.282	ug/L	0.00
41) Toluene-d8	7.313	98	344795	5.703	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	36948	5.589	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	164017	56.325	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	85687	5.412	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	108463	5.103	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	155963	5.694	ug/L	100
3) Chloromethane	1.236	50	149038	5.250	ug/L	100
5) Vinyl chloride	1.304	62	156404	5.630	ug/L	100
6) Bromomethane	1.516	94	90391	5.481	ug/L	100
8) Chloroethane	1.577	64	89778	5.385	ug/L	100
9) Trichlorofluoromethane	1.744	101	200008	5.511	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	110530	5.367	ug/L	100
12) 1,1-Dichloroethene	2.111	96	108149	5.388	ug/L	100
13) Acetone	2.211	43	124513	42.995	ug/L	100
14) Carbon disulfide	2.285	76	319687	5.609	ug/L	100
15) Methyl Acetate	2.442	43	30268	5.336	ug/L	100
16) Methylene chloride	2.500	84	111358	4.492	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	187519	5.325	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	100735	5.368	ug/L	100
19) 1,1-Dichloroethane	3.182	63	185367	5.398	ug/L	100
21) 2-Butanone	3.995	43	177511	54.242	ug/L	100
22) cis-1,2-Dichloroethene	3.908	96	98611	5.338	ug/L	100
23) Bromochloromethane	4.243	128	47122	5.433	ug/L	100
25) Chloroform	4.371	83	194727	5.376	ug/L	100
27) 1,2-Dichloroethane	5.127	62	102540	5.257	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	167839	5.468	ug/L	100
30) Cyclohexane	4.670	56	140775	5.547	ug/L	100
31) Carbon tetrachloride	4.821	117	149523	5.516	ug/L	100
33) Benzene	5.095	78	426471	5.724	ug/L	100
34) Trichloroethene	5.911	95	101324	5.506	ug/L	100
35) Methylcyclohexane	6.127	83	156542	5.476	ug/L	100
37) 1,2-Dichloropropane	6.169	63	101908	5.534	ug/L	100
38) Bromodichloromethane	6.506	83	128632	5.336	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	122956	5.501	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	481732	57.540	ug/L	100
42) Toluene	7.384	91	441512	5.794	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	103433	5.586	ug/L	100

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 ClientSampleId :
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Quant Time: Jul 12 05:24:24 2022
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 Quant Title : TRACE VOA SFAM1.0
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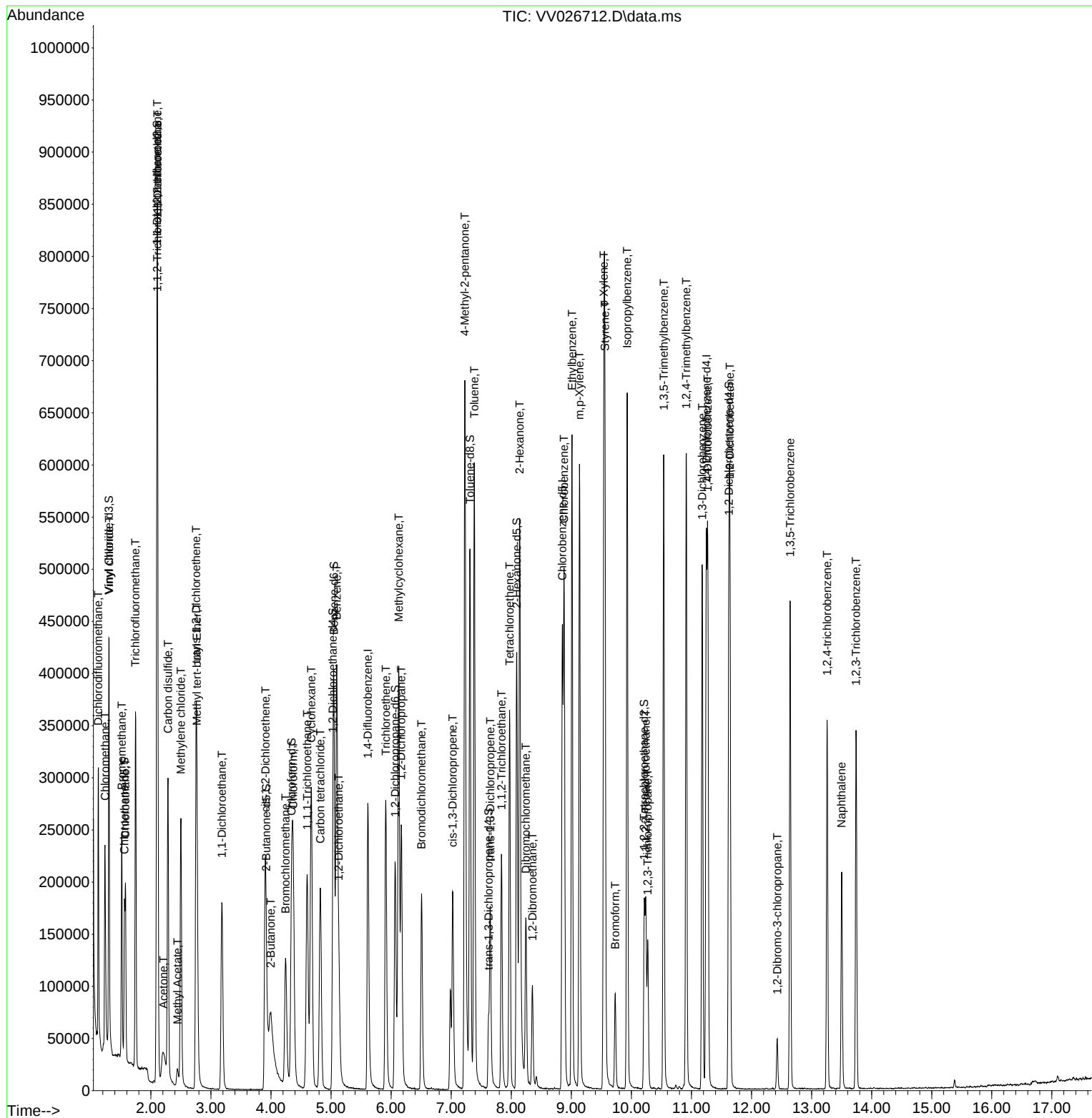
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	73768	5.514	ug/L	100
47) Tetrachloroethene	7.972	164	79935	5.529	ug/L	100
48) 2-Hexanone	8.140	43	352059	57.715	ug/L	100
49) Dibromochloromethane	8.242	129	83544	5.487	ug/L	100
50) 1,2-Dibromoethane	8.352	107	65252	5.494	ug/L	100
51) Chlorobenzene	8.879	112	265614	5.437	ug/L	100
52) Ethylbenzene	9.011	91	419340	5.451	ug/L	100
53) m,p-Xylene	9.136	106	167859	5.634	ug/L	100
54) o-Xylene	9.541	106	156012	5.610	ug/L	100
55) Styrene	9.561	104	286128	5.792	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	87529	5.485	ug/L	100
59) Bromoform	9.731	173	39917	4.987	ug/L	100
60) Isopropylbenzene	9.931	105	412017	5.344	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	59540	5.217	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	314533	5.113	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	328670	5.272	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	204105	5.414	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	203826	5.369	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	188938	5.331	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	12575	5.186	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	139798	5.240	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	102875	5.040	ug/L	100
71) Naphthalene	13.500	128	165562	4.893	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	98122	5.202	ug/L	100

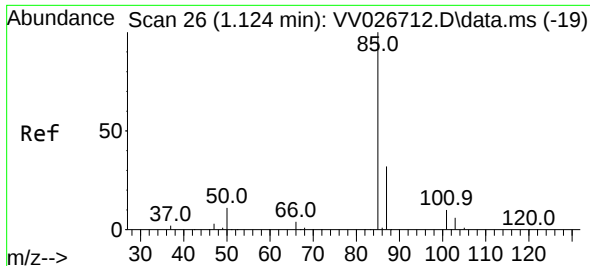
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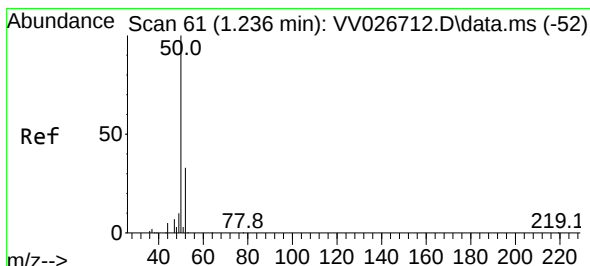
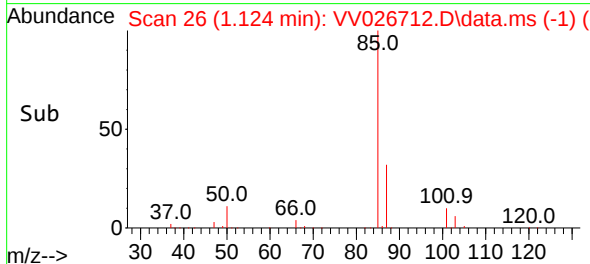
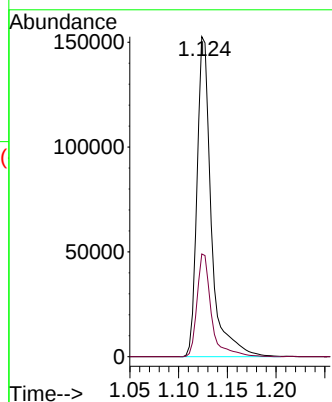
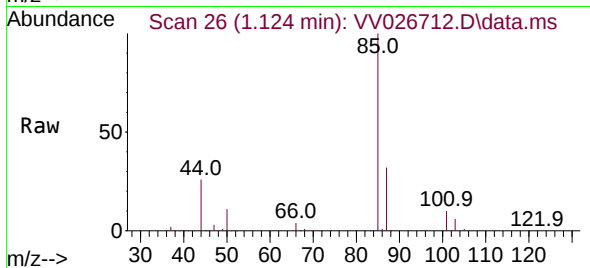




#2
 Dichlorodifluoromethane
 Concen: 5.694 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV026712.D
 Acq: 11 Jul 2022 20:20

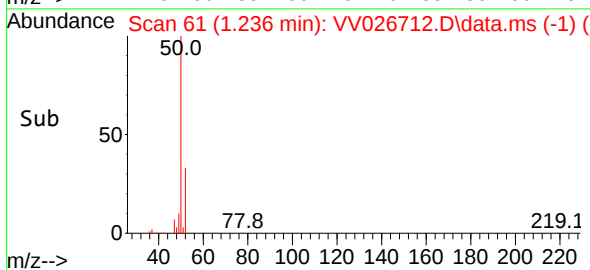
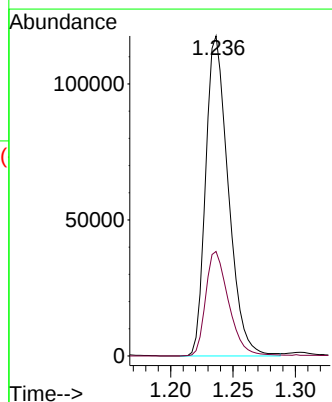
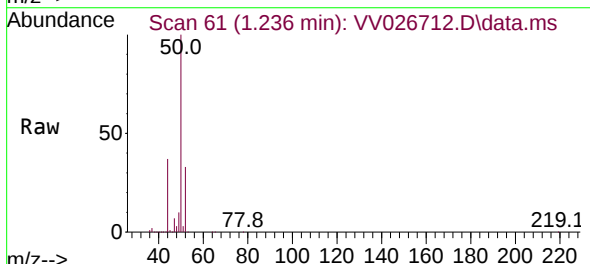
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005203

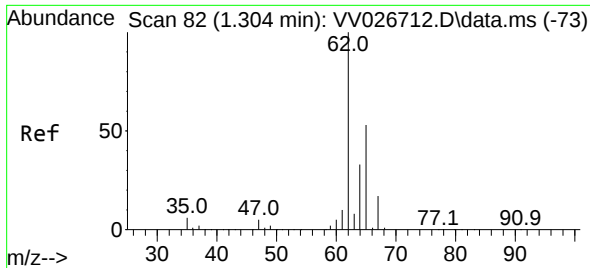
Tgt Ion: 85 Resp: 155963
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 5.250 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV026712.D
 Acq: 11 Jul 2022 20:20

Tgt Ion: 50 Resp: 149038
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4

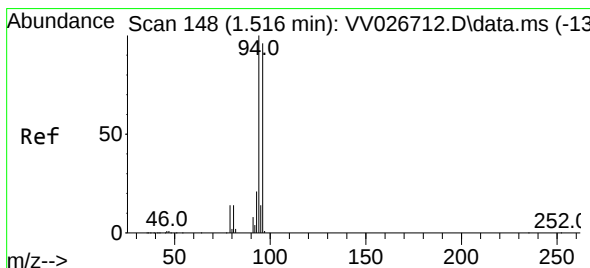
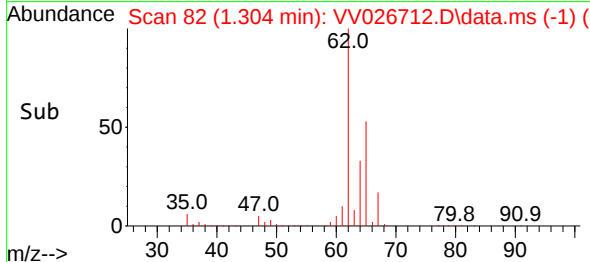
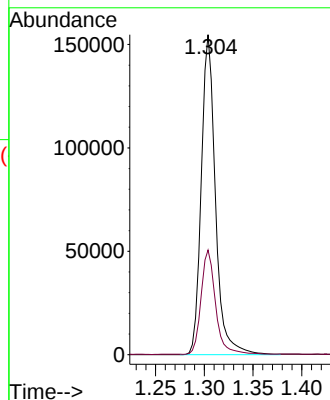
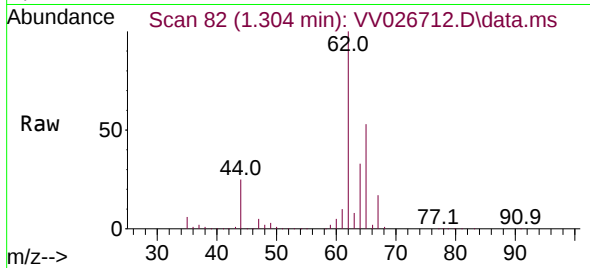




#5
 Vinyl chloride
 Concen: 5.630 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VV026712.D
 Acq: 11 Jul 2022 20:20

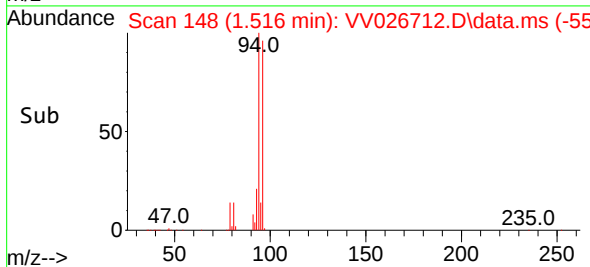
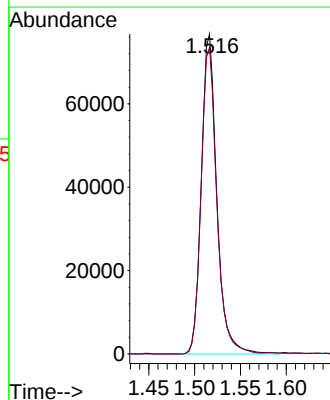
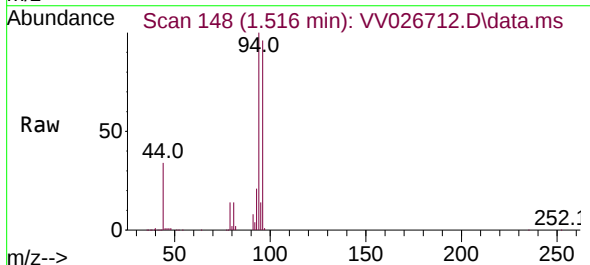
Instrument :
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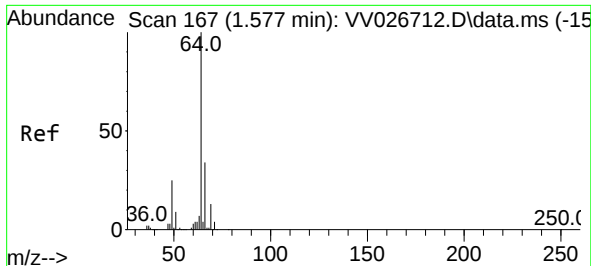
Tgt Ion: 62 Resp: 156404
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 5.481 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV026712.D
 Acq: 11 Jul 2022 20:20

Tgt Ion: 94 Resp: 90391
 Ion Ratio Lower Upper
 94 100
 96 95.9 67.1 124.7

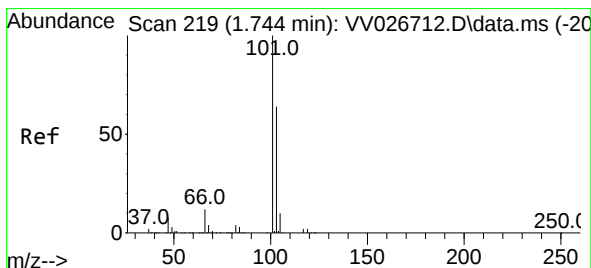
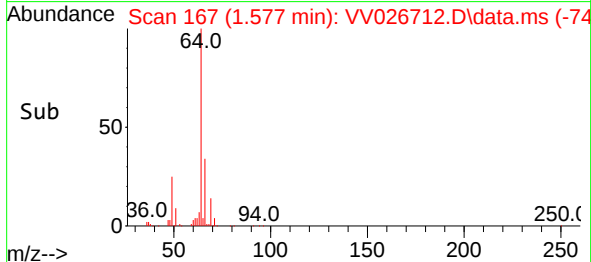
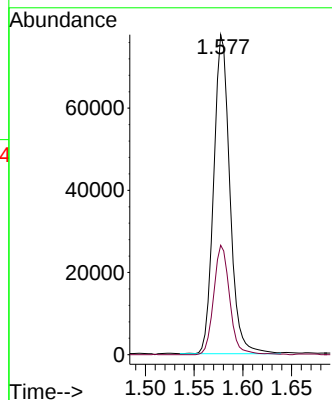
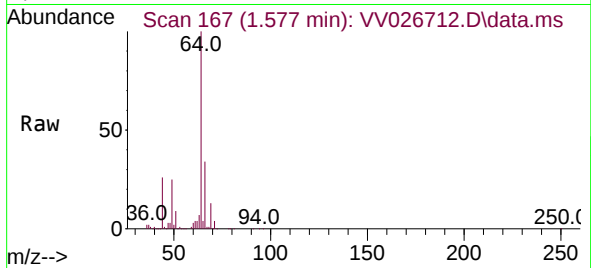




#8
Chloroethane
Concen: 5.385 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

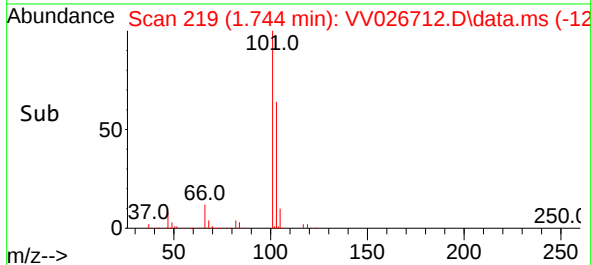
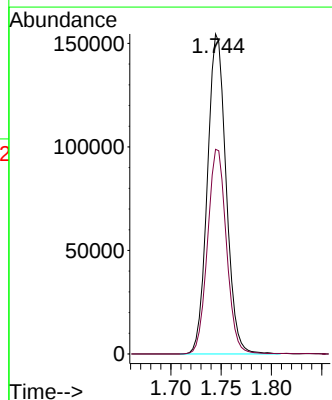
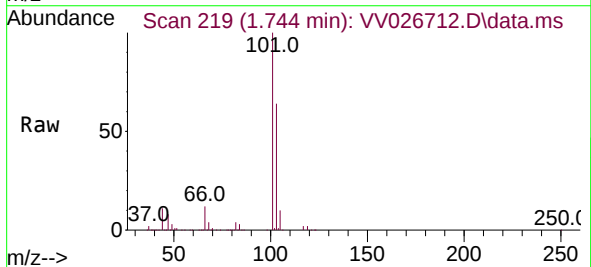
Instrument :
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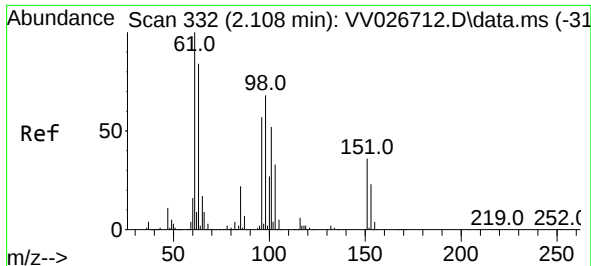
Tgt Ion: 64 Resp: 89778
Ion Ratio Lower Upper
64 100
66 34.2 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.511 ug/L
RT: 1.744 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

Tgt Ion: 101 Resp: 200008
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

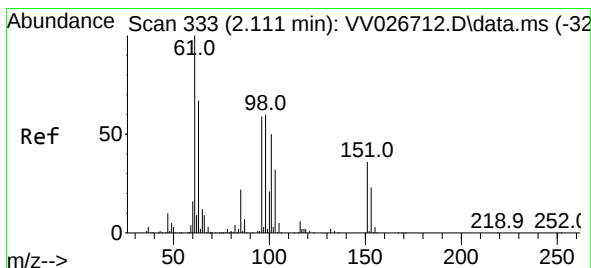
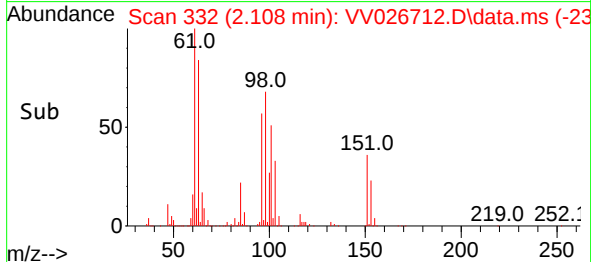
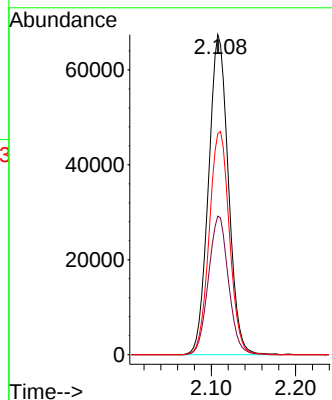
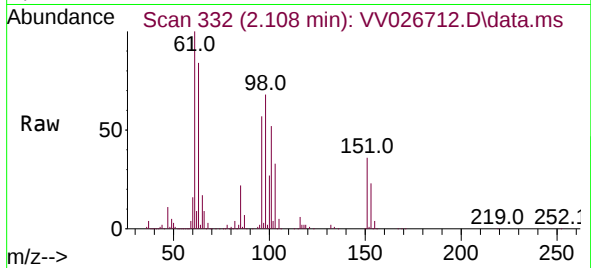




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.367 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV026712.D
 Acq: 11 Jul 2022 20:20

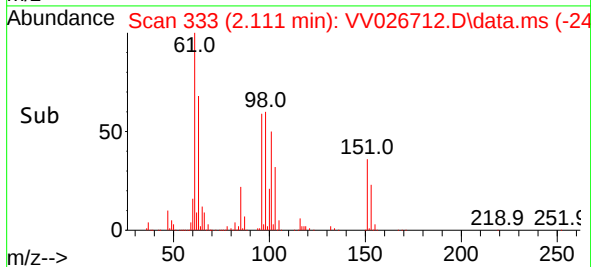
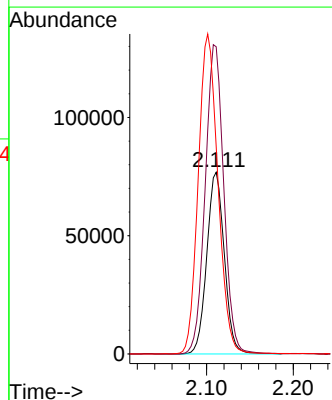
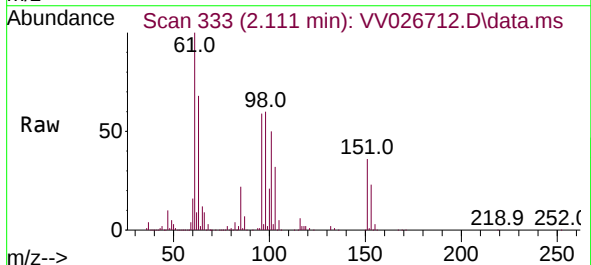
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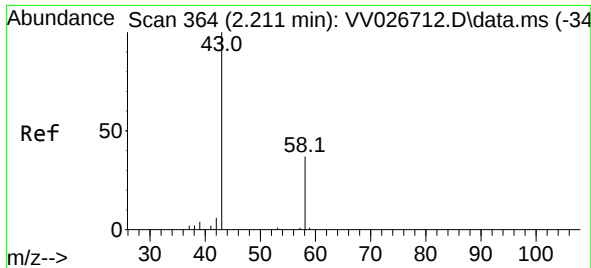
Tgt Ion:101 Resp: 110530
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.0 52.4
 151 70.9 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 5.388 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV026712.D
 Acq: 11 Jul 2022 20:20

Tgt Ion: 96 Resp: 108149
 Ion Ratio Lower Upper
 96 100
 61 169.0 118.3 219.7
 63 114.1 79.9 148.3





#13

Acetone

Concen: 42.995 ug/L

RT: 2.211 min Scan# 364

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

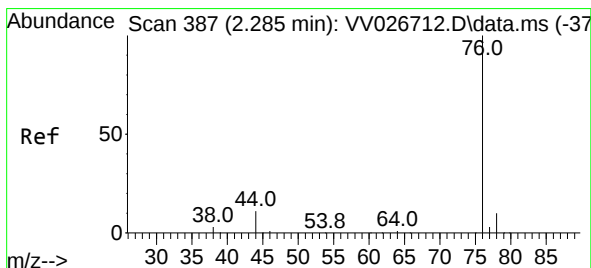
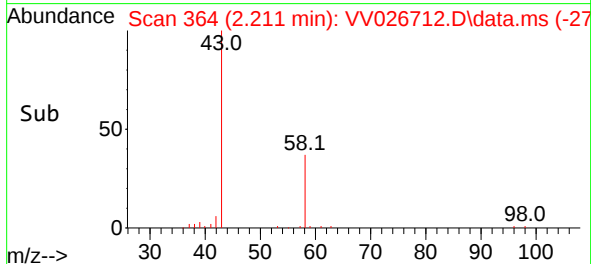
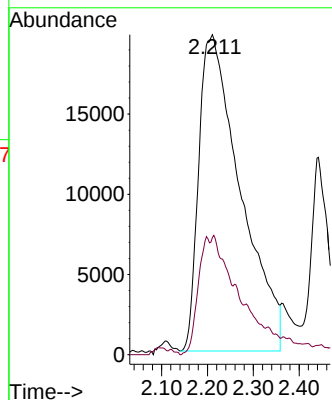
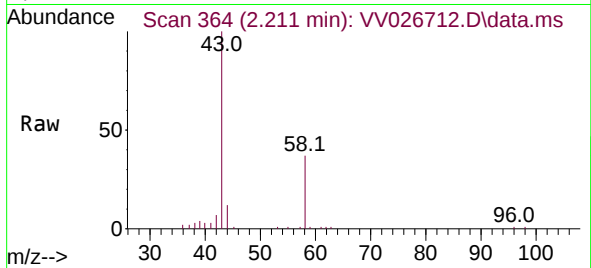
VSTD005203

Tgt Ion: 43 Resp: 124513

Ion Ratio Lower Upper

43 100

58 10.3 0.0 20.6



#14

Carbon disulfide

Concen: 5.609 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV026712.D

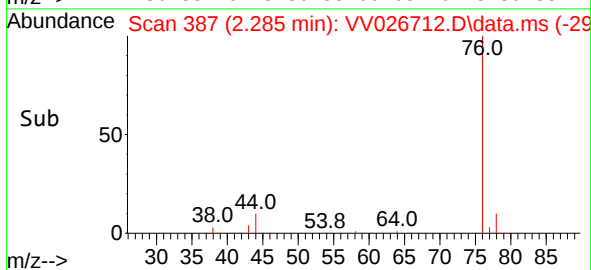
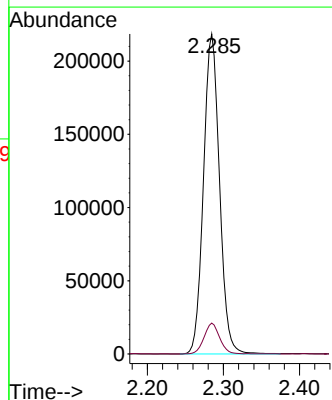
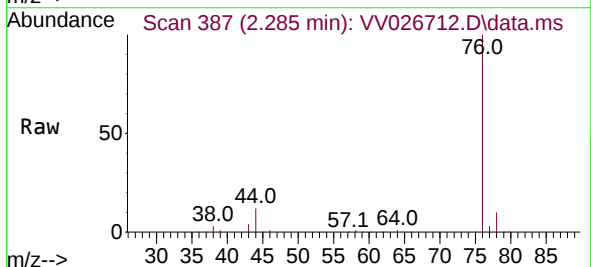
Acq: 11 Jul 2022 20:20

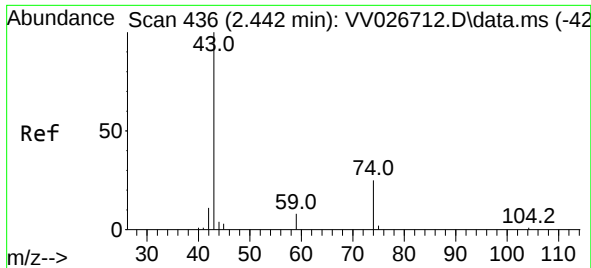
Tgt Ion: 76 Resp: 319687

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5

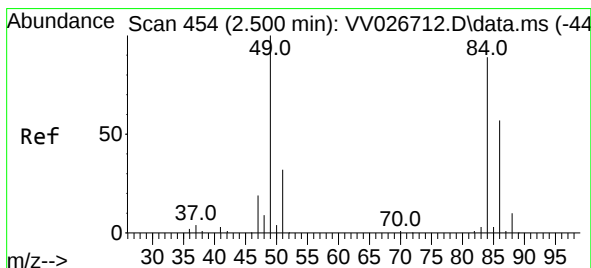
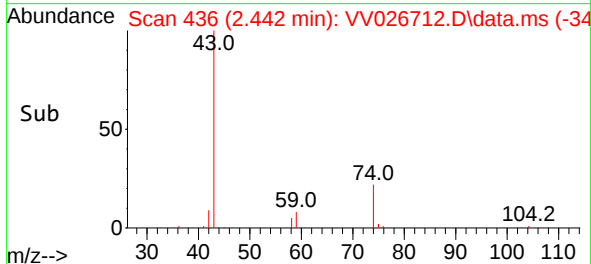
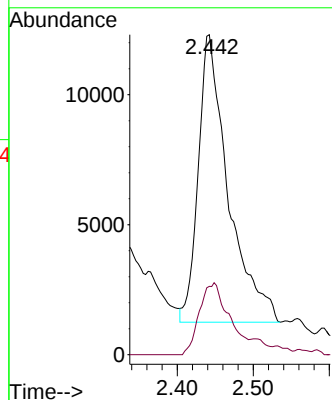
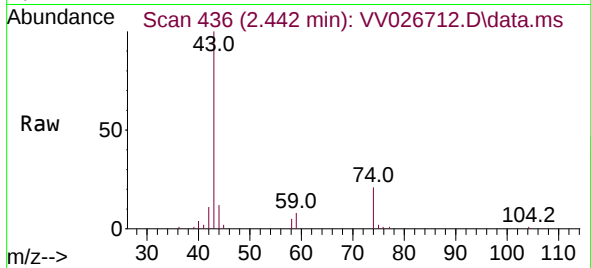




#15
Methyl Acetate
Concen: 5.336 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

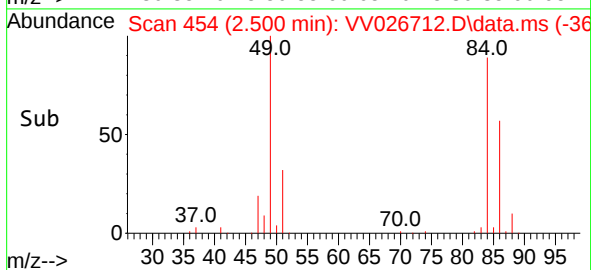
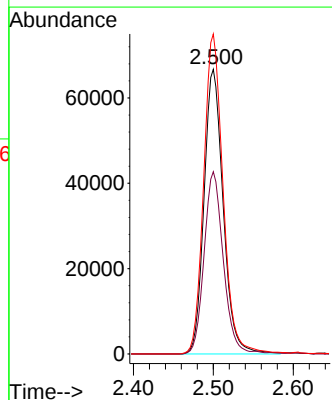
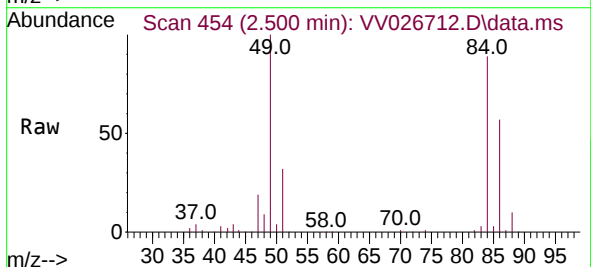
Instrument :
MSVOA_V
ClientSampleId :
VSTD005203

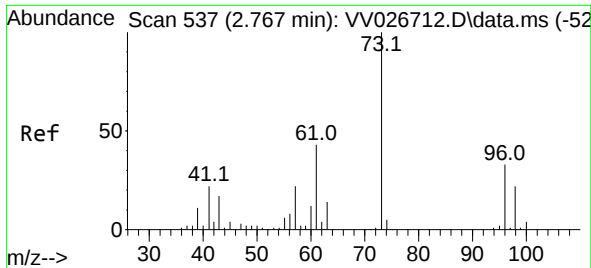
Tgt Ion: 43 Resp: 30268
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1



#16
Methylene chloride
Concen: 4.492 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

Tgt Ion: 84 Resp: 111358
Ion Ratio Lower Upper
84 100
86 64.0 44.8 83.2
49 112.4 78.7 146.1

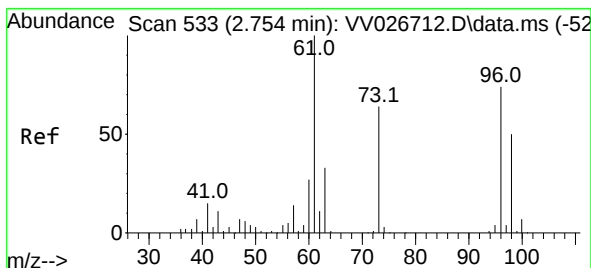
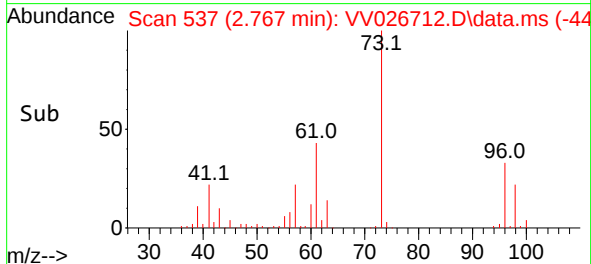
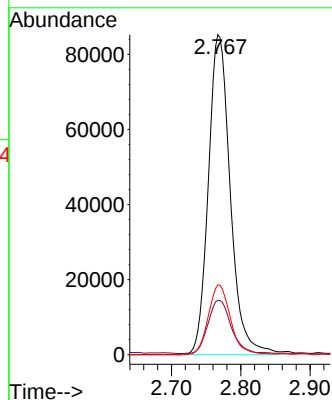
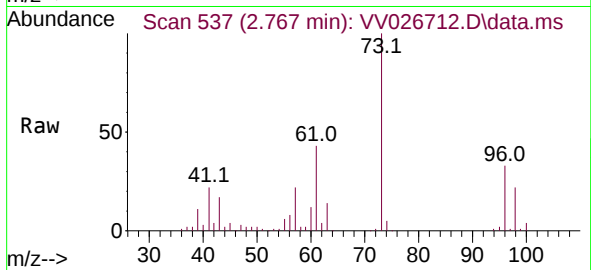




#17
Methyl tert-butyl Ether
Concen: 5.325 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

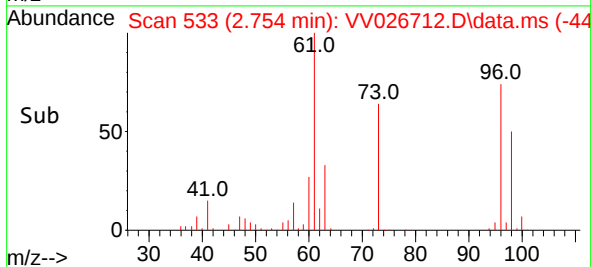
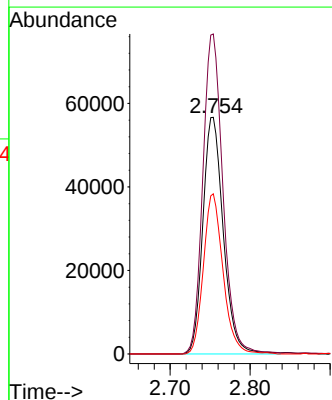
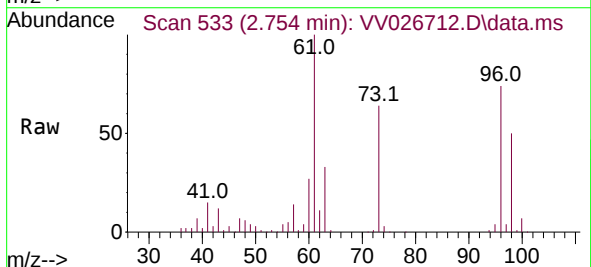
Instrument :
MSVOA_V
ClientSampleId :
VSTD005203

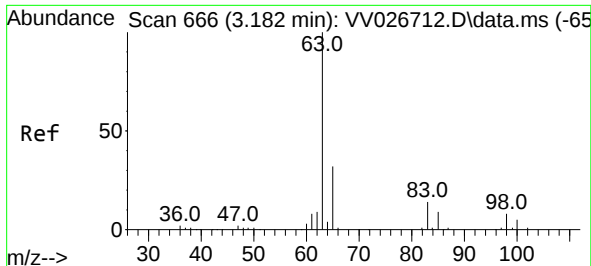
Tgt Ion: 73 Resp: 187519
Ion Ratio Lower Upper
73 100
43 17.5 14.0 21.0
57 22.0 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.368 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

Tgt Ion: 96 Resp: 100735
Ion Ratio Lower Upper
96 100
61 135.3 94.7 175.9
98 67.7 47.4 88.0





#19

1,1-Dichloroethane

Concen: 5.398 ug/L

RT: 3.182 min Scan# 666

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005203

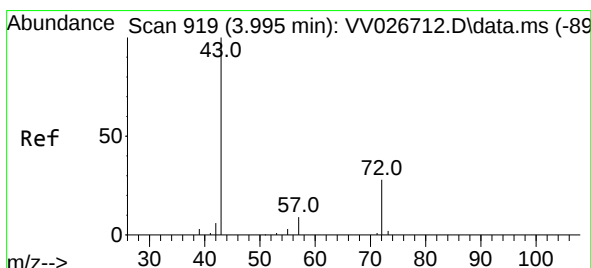
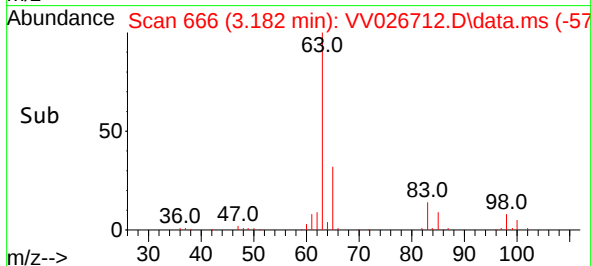
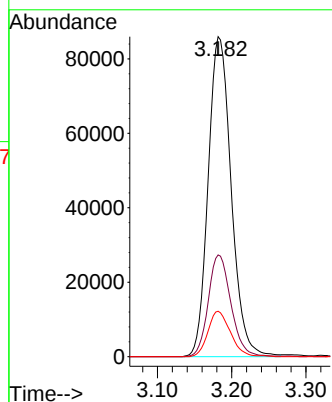
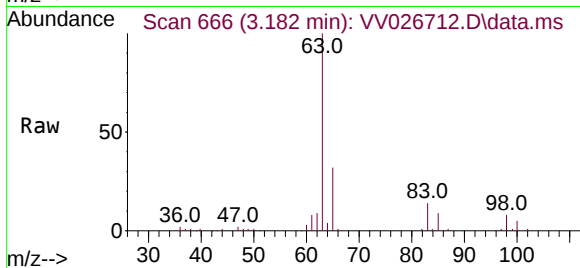
Tgt Ion: 63 Resp: 185367

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 14.2 9.9 18.5



#21

2-Butanone

Concen: 54.242 ug/L

RT: 3.995 min Scan# 919

Delta R.T. 0.000 min

Lab File: VV026712.D

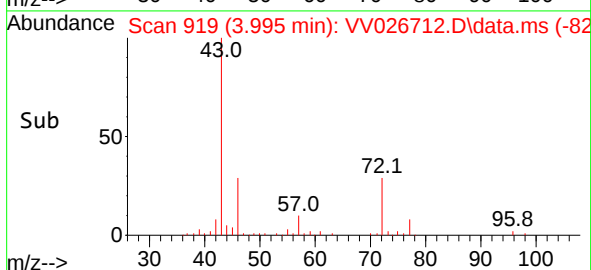
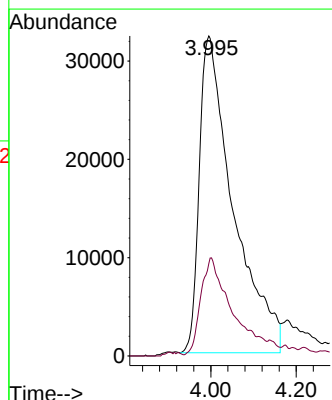
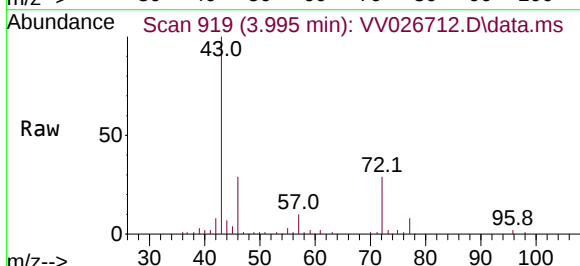
Acq: 11 Jul 2022 20:20

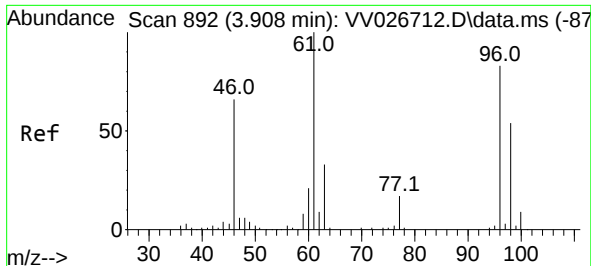
Tgt Ion: 43 Resp: 177511

Ion Ratio Lower Upper

43 100

72 27.8 13.9 41.7

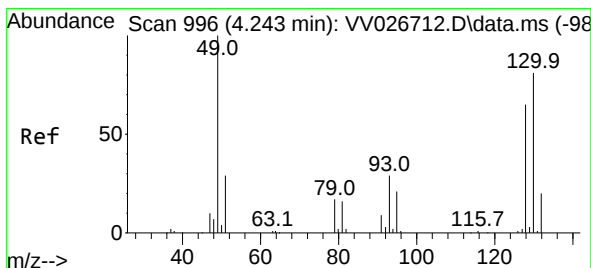
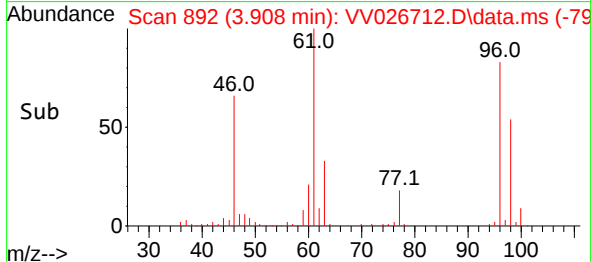
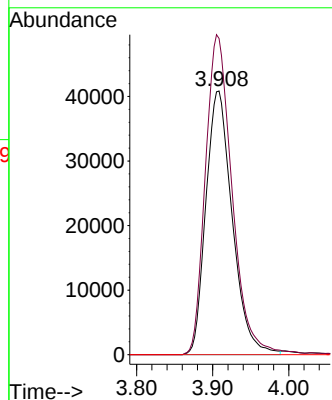
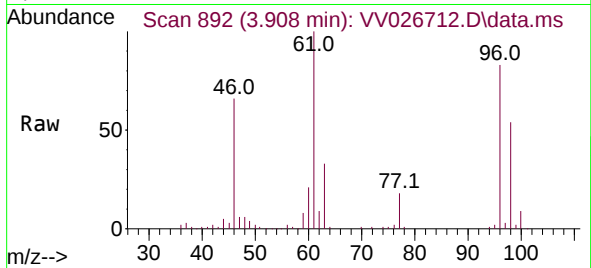




#22
 cis-1,2-Dichloroethene
 Concen: 5.338 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV026712.D
 Acq: 11 Jul 2022 20:20

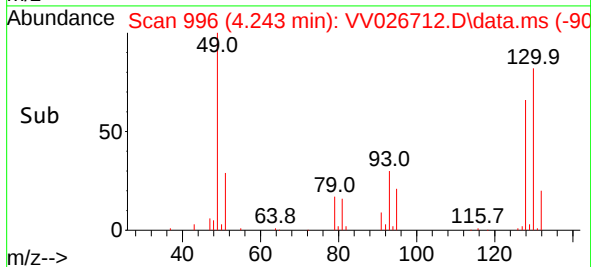
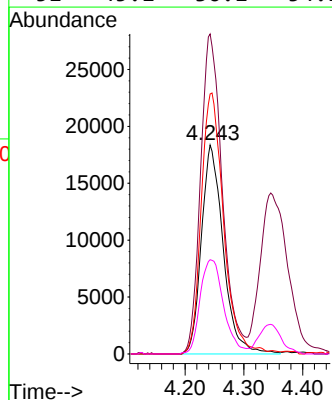
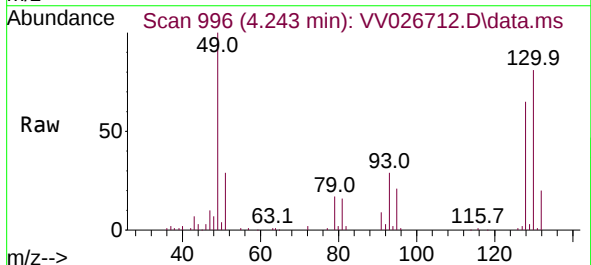
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005203

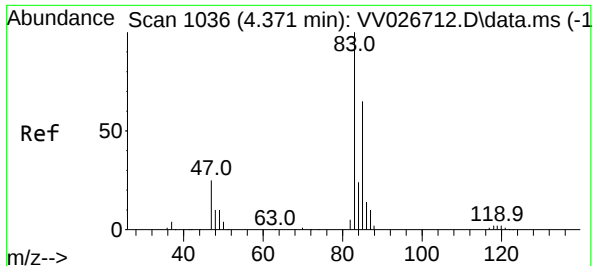
Tgt Ion: 96 Resp: 98611
 Ion Ratio Lower Upper
 96 100
 61 119.9 83.9 155.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.433 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV026712.D
 Acq: 11 Jul 2022 20:20

Tgt Ion: 128 Resp: 47122
 Ion Ratio Lower Upper
 128 100
 49 153.2 107.2 199.2
 130 124.4 87.1 161.7
 51 45.1 36.1 54.1





#25

Chloroform

Concen: 5.376 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

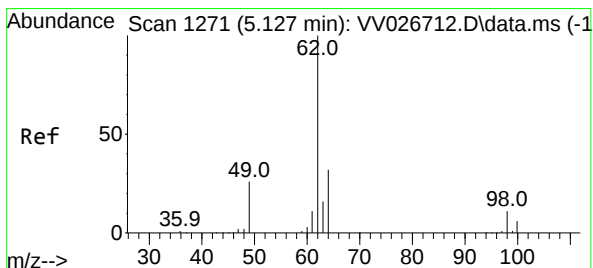
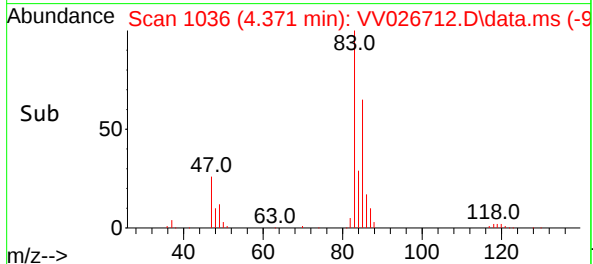
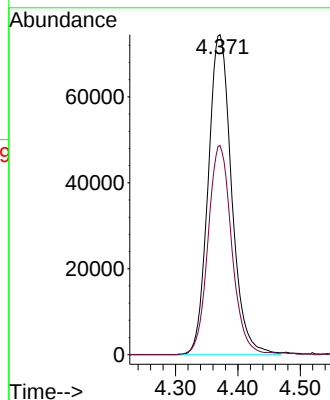
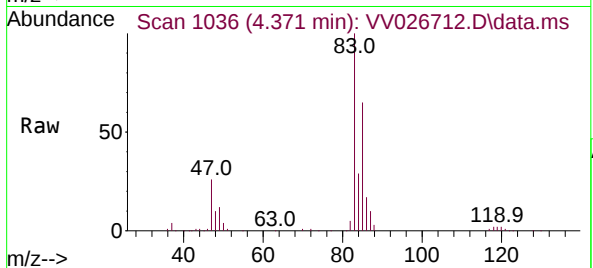
VSTD005203

Tgt Ion: 83 Resp: 194727

Ion Ratio Lower Upper

83 100

85 65.3 45.7 84.9



#27

1,2-Dichloroethane

Concen: 5.257 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV026712.D

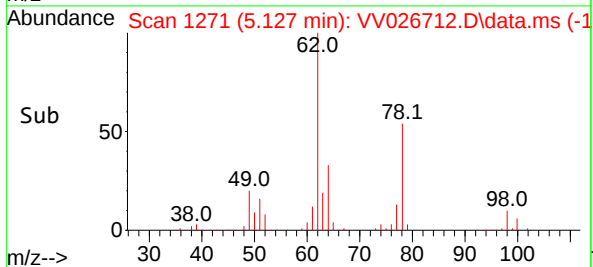
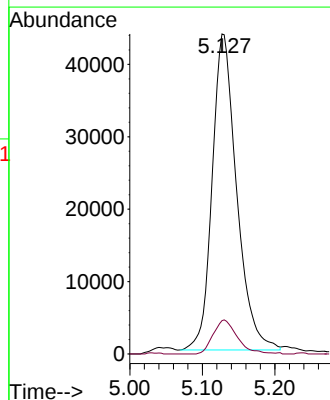
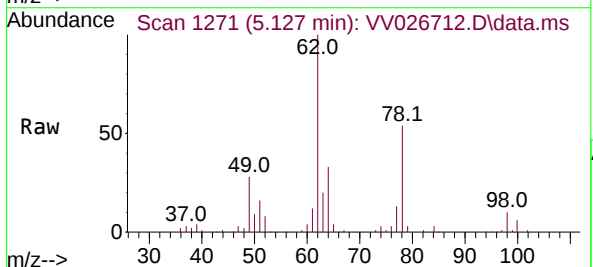
Acq: 11 Jul 2022 20:20

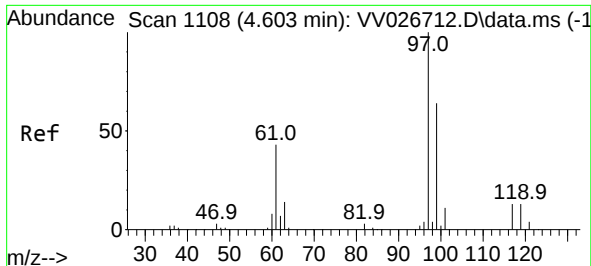
Tgt Ion: 62 Resp: 102540

Ion Ratio Lower Upper

62 100

98 10.4 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.468 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005203

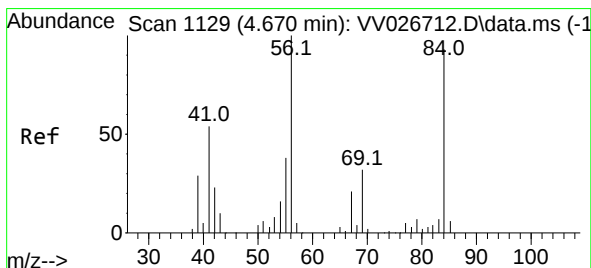
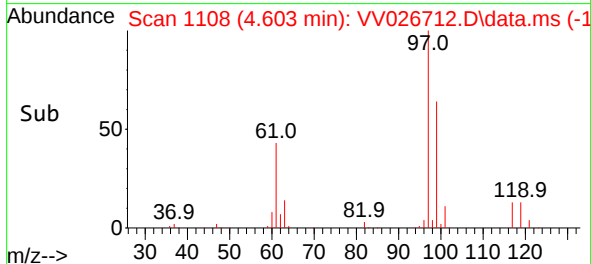
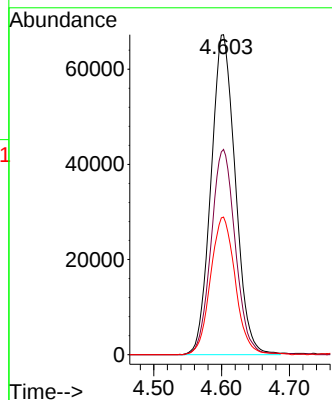
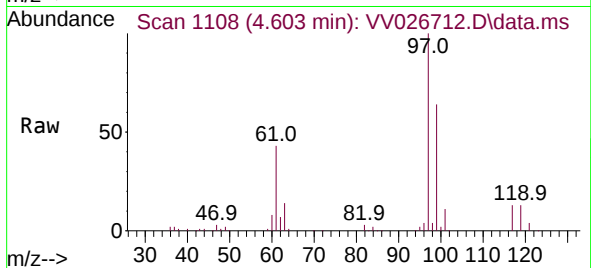
Tgt Ion: 97 Resp: 167839

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 43.9 35.1 52.7



#30

Cyclohexane

Concen: 5.547 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

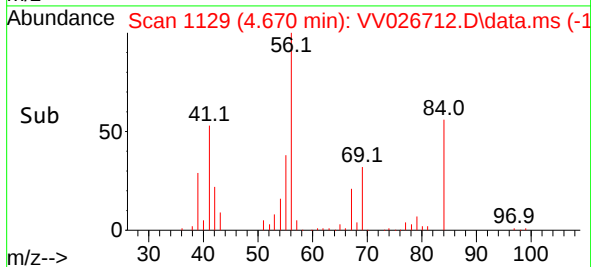
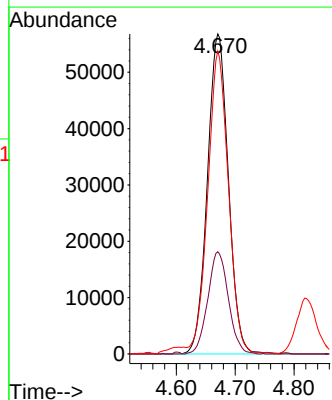
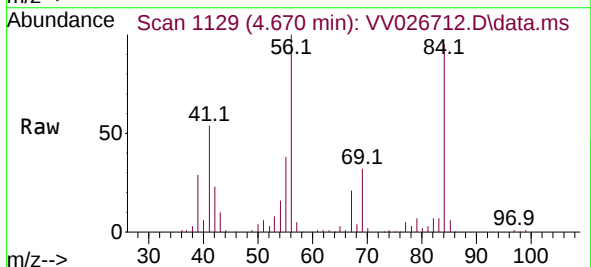
Tgt Ion: 56 Resp: 140775

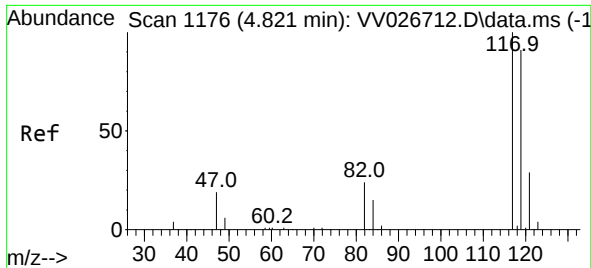
Ion Ratio Lower Upper

56 100

69 31.4 25.1 37.7

84 92.5 74.0 111.0

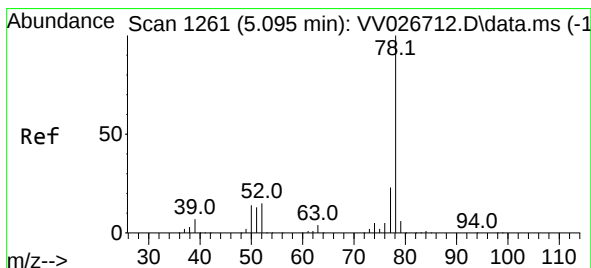
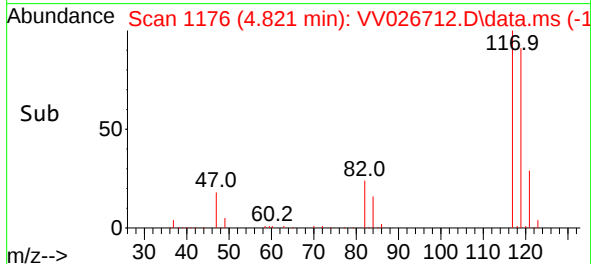
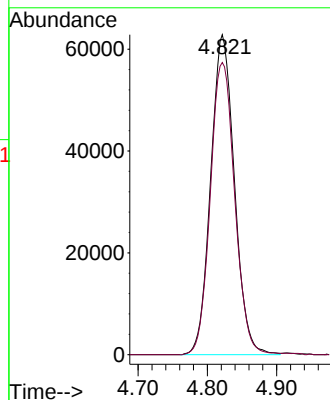
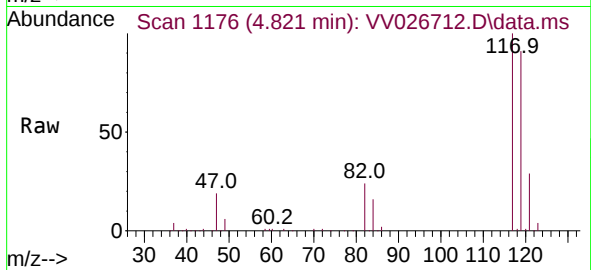




#31
Carbon tetrachloride
Concen: 5.516 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

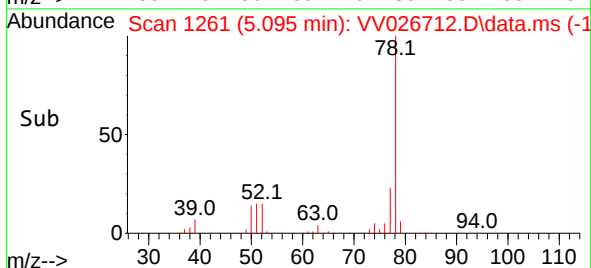
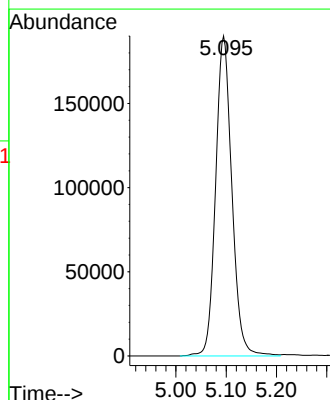
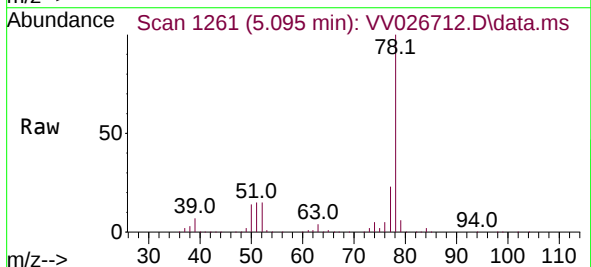
Instrument :
MSVOA_V
ClientSampleId :
VSTD005203

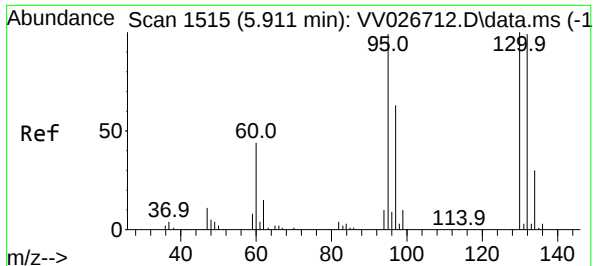
Tgt Ion:117 Resp: 149523
Ion Ratio Lower Upper
117 100
119 93.9 75.1 112.7



#33
Benzene
Concen: 5.724 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

Tgt Ion: 78 Resp: 426471



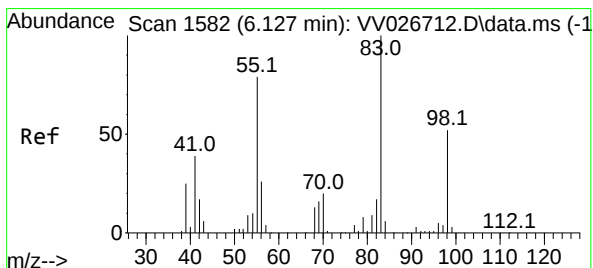
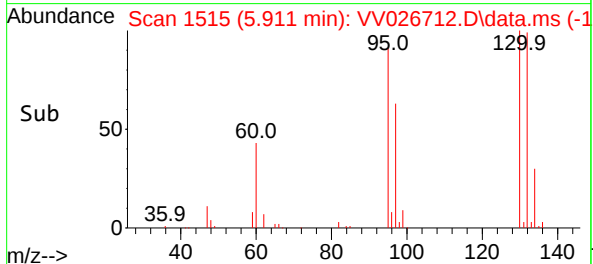
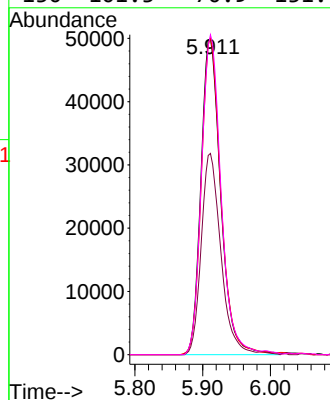
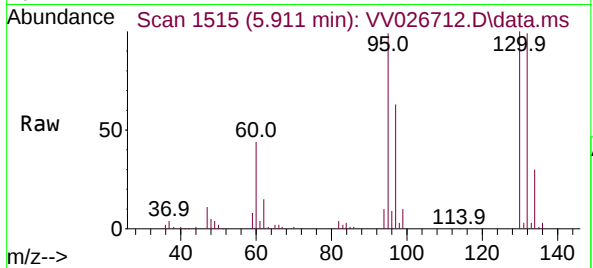


#34
Trichloroethene
Concen: 5.506 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD005203

Tgt Ion: 95 Resp: 101324

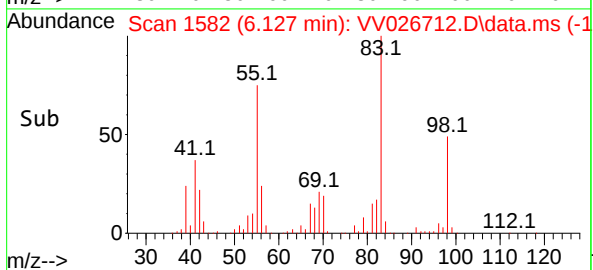
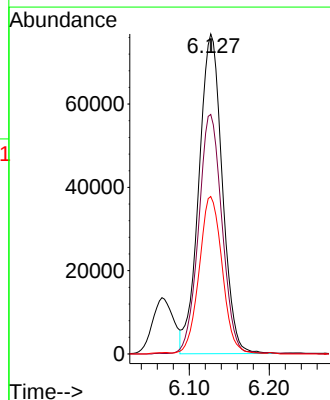
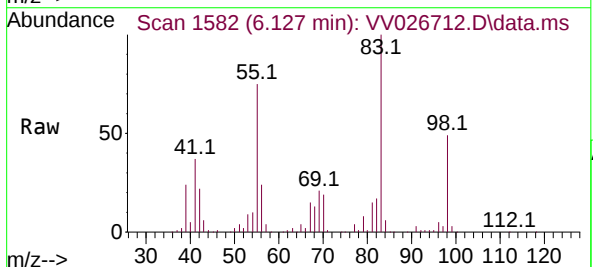
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.6	82.8
132	100.3	70.2	130.4
130	101.3	70.9	131.7

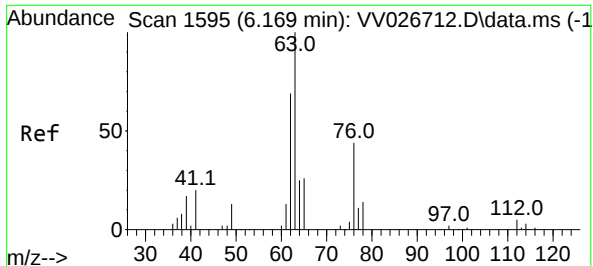


#35
Methylcyclohexane
Concen: 5.476 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

Tgt Ion: 83 Resp: 156542

Ion	Ratio	Lower	Upper
83	100		
55	74.4	59.5	89.3
98	47.9	38.3	57.5





#37

1,2-Dichloropropane

Concen: 5.534 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

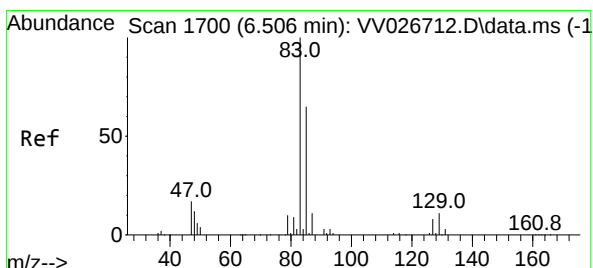
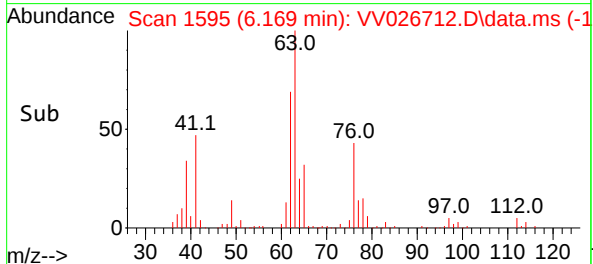
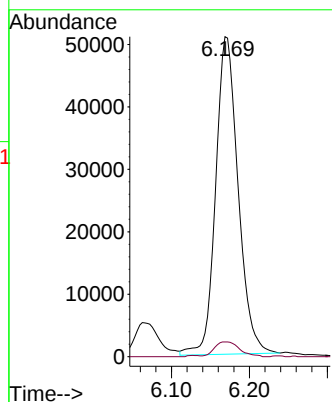
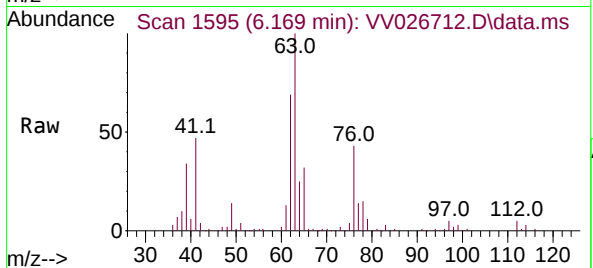
VSTD005203

Tgt Ion: 63 Resp: 101908

Ion Ratio Lower Upper

63 100

112 5.2 4.2 6.2



#38

Bromodichloromethane

Concen: 5.336 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

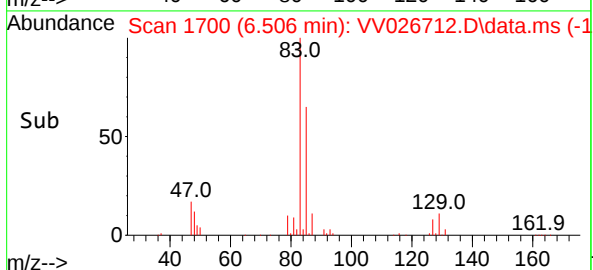
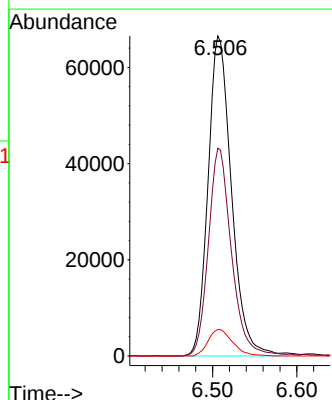
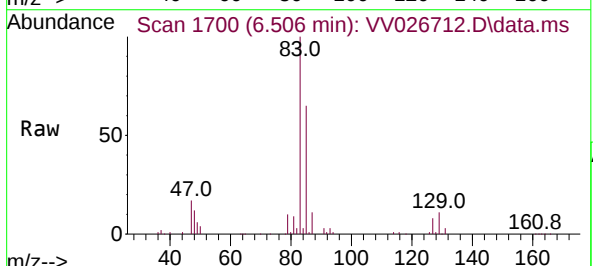
Tgt Ion: 83 Resp: 128632

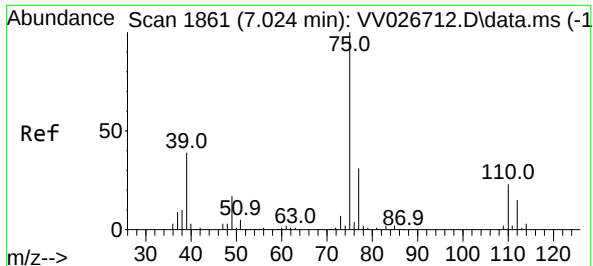
Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.501 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

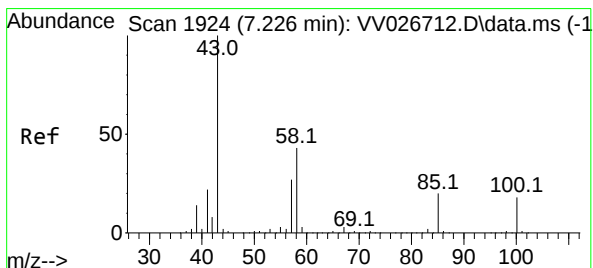
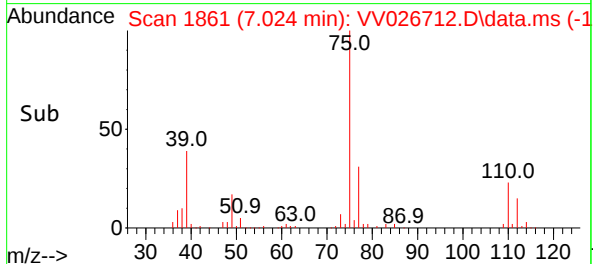
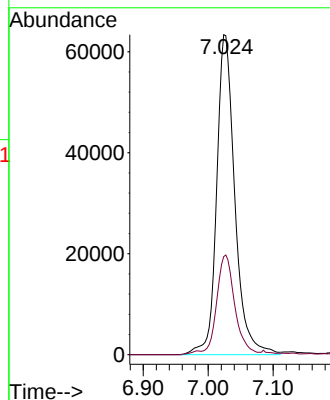
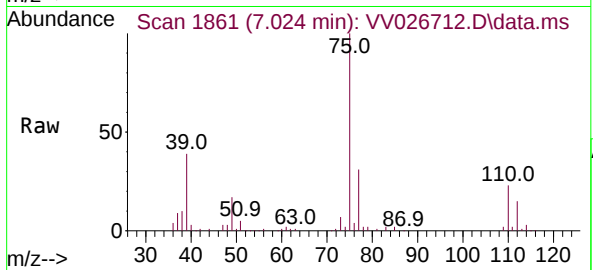
VSTD005203

Tgt Ion: 75 Resp: 122956

Ion Ratio Lower Upper

75 100

77 30.6 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 57.540 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

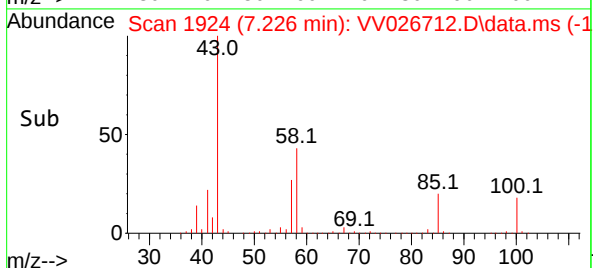
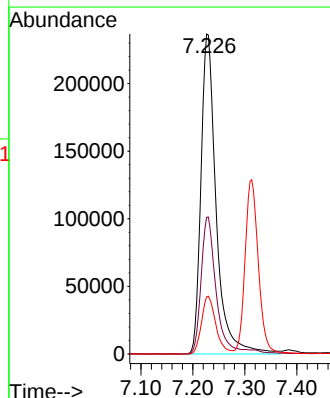
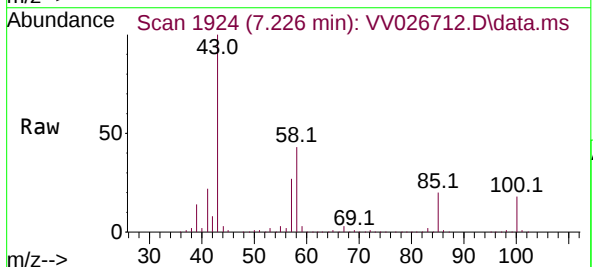
Tgt Ion: 43 Resp: 481732

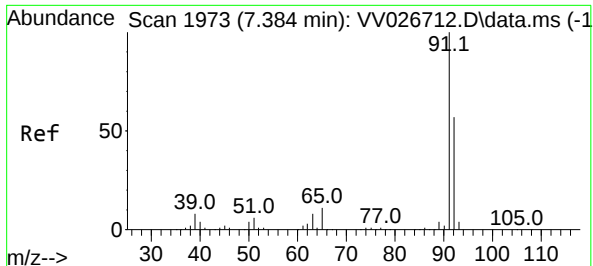
Ion Ratio Lower Upper

43 100

58 43.2 34.6 51.8

100 17.0 13.6 20.4





#42

Toluene

Concen: 5.794 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

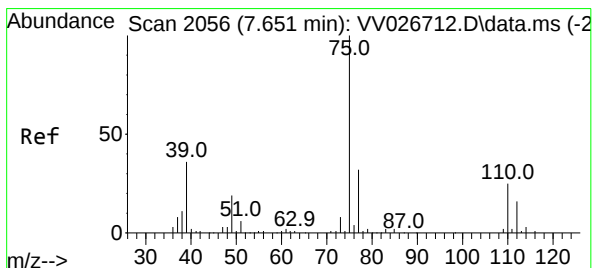
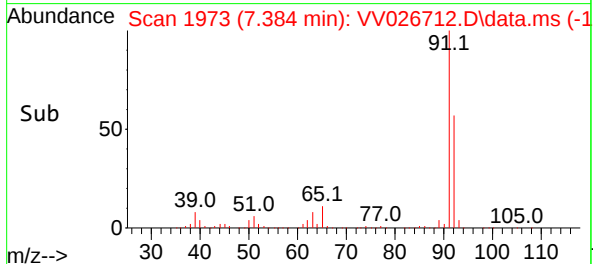
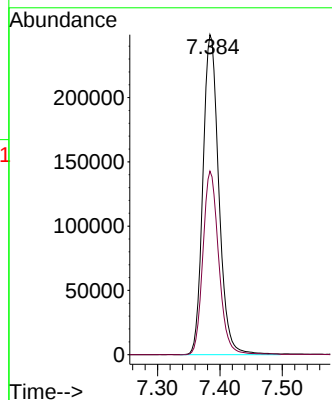
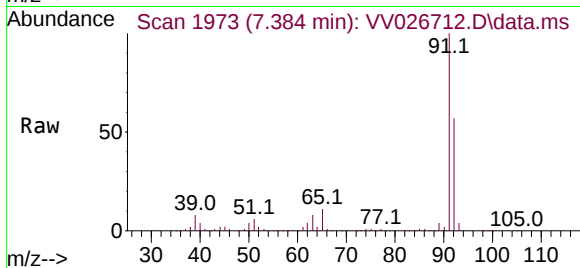
VSTD005203

Tgt Ion: 91 Resp: 441512

Ion Ratio Lower Upper

91 100

92 57.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.586 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV026712.D

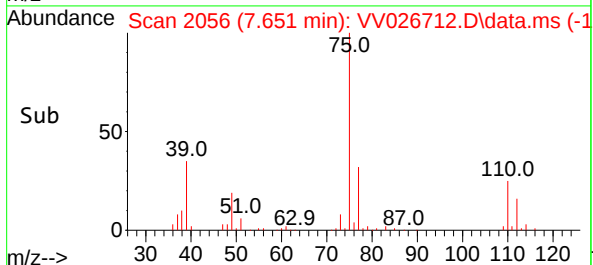
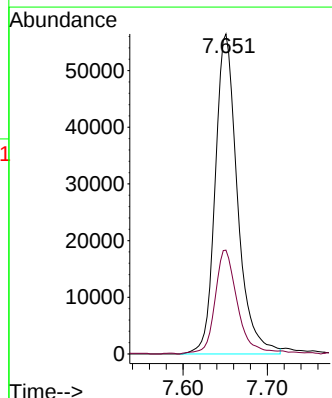
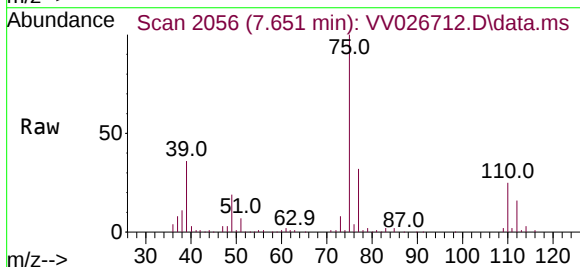
Acq: 11 Jul 2022 20:20

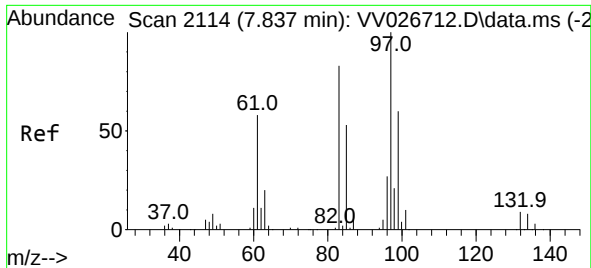
Tgt Ion: 75 Resp: 103433

Ion Ratio Lower Upper

75 100

77 32.5 22.7 42.3

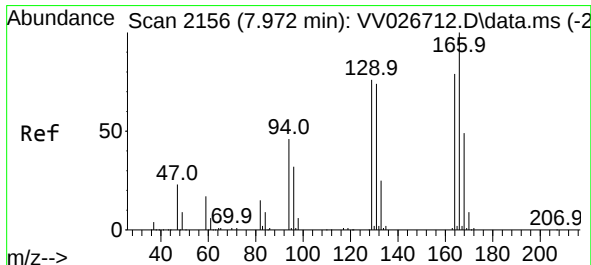
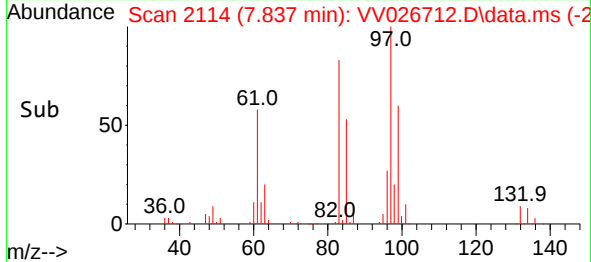
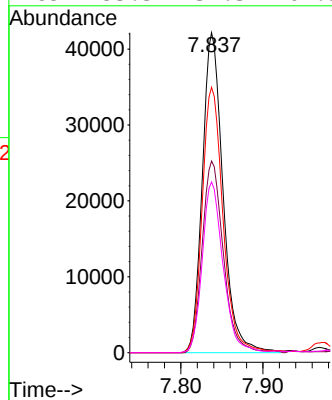
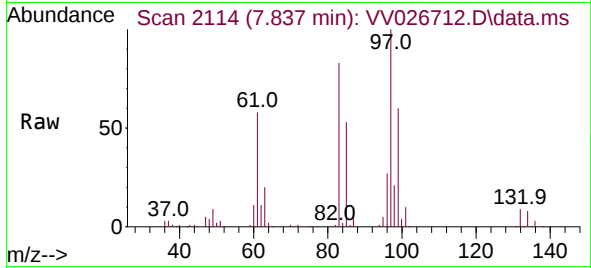




#45
1,1,2-Trichloroethane
Concen: 5.514 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

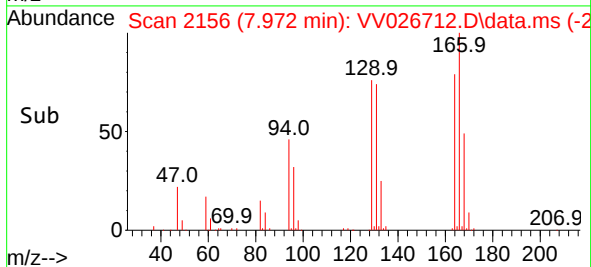
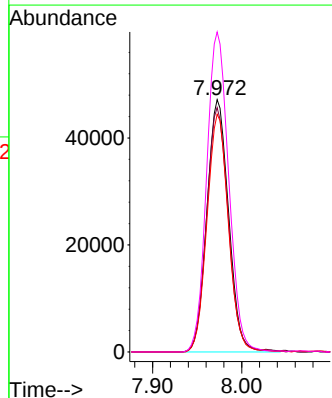
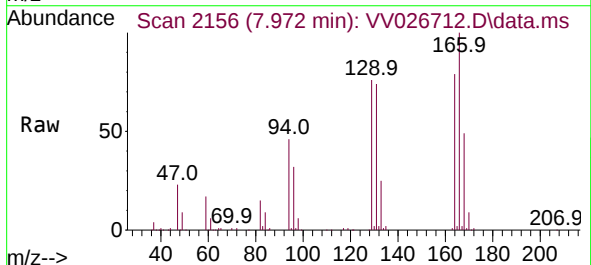
Instrument :
MSVOA_V
ClientSampleId :
VSTD005203

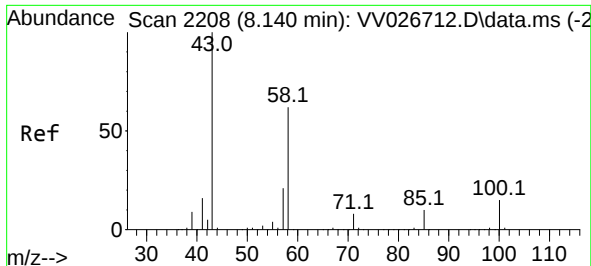
Tgt Ion: 97	Resp: 73768
Ion Ratio	Lower Upper
97 100	
99 59.9	41.9 77.9
83 83.0	58.1 107.9
85 53.3	37.3 69.3



#47
Tetrachloroethene
Concen: 5.529 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

Tgt	Ion:164	Resp:	79935
Ion	Ratio	Lower	Upper
164	100		
129	96.8	67.8	125.8
131	94.2	65.9	122.5
166	126.8	88.8	164.8



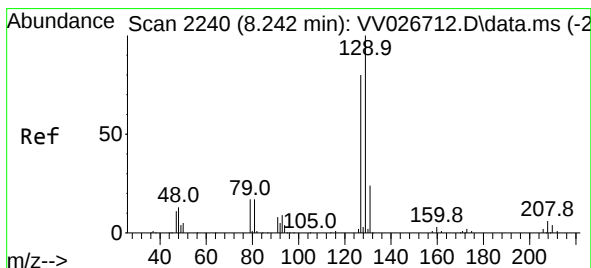
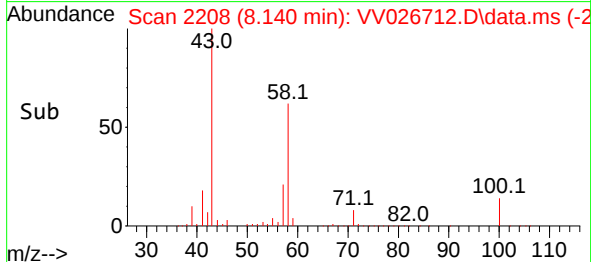
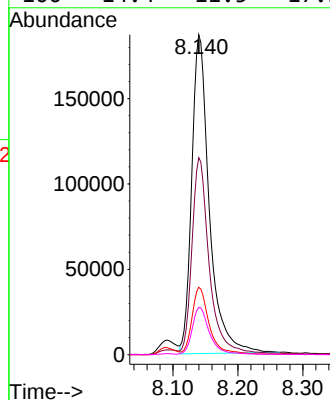
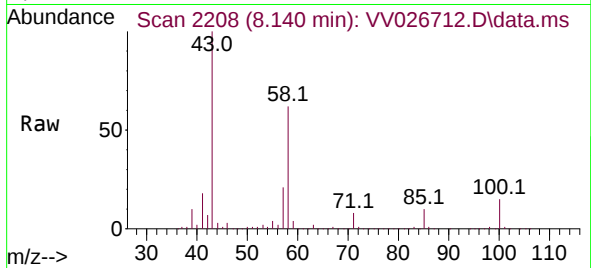


#48
2-Hexanone
Concen: 57.715 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD005203

Tgt Ion: 43 Resp: 352059

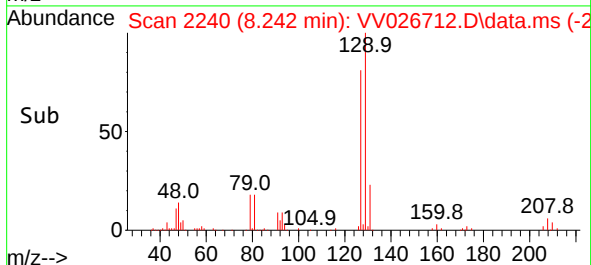
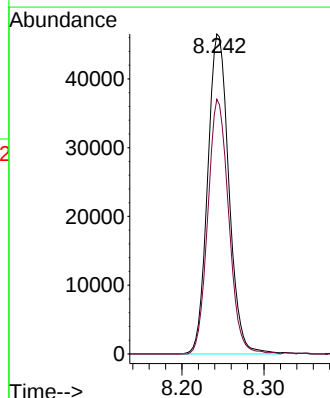
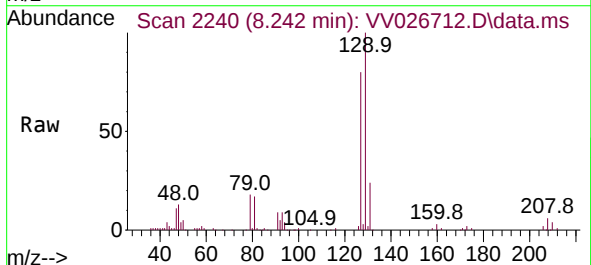
Ion	Ratio	Lower	Upper
43	100		
58	59.9	47.9	71.9
57	20.4	16.3	24.5
100	14.4	11.5	17.3

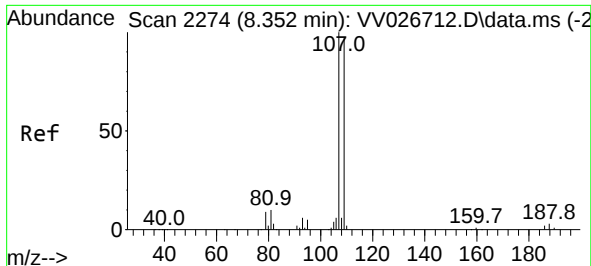


#49
Dibromochloromethane
Concen: 5.487 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

Tgt Ion: 129 Resp: 83544

Ion	Ratio	Lower	Upper
129	100		
127	79.6	55.7	103.5





#50

1,2-Dibromoethane

Concen: 5.494 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005203

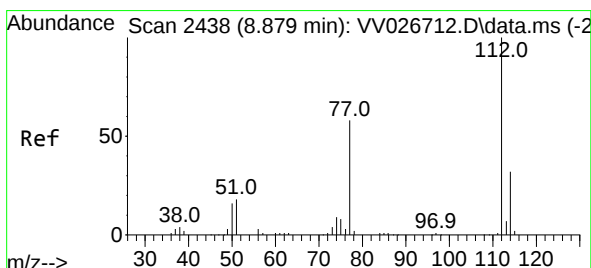
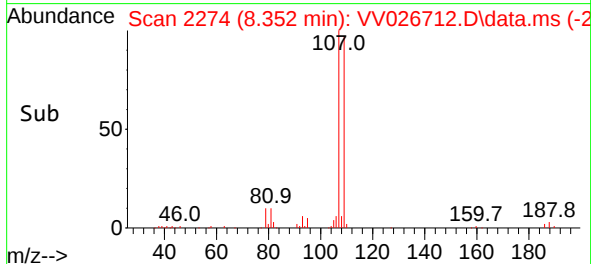
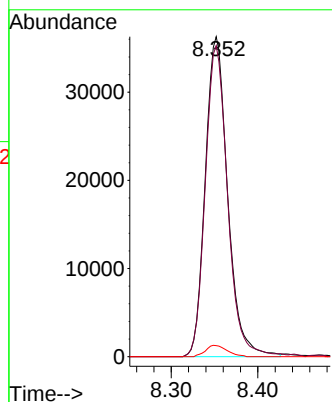
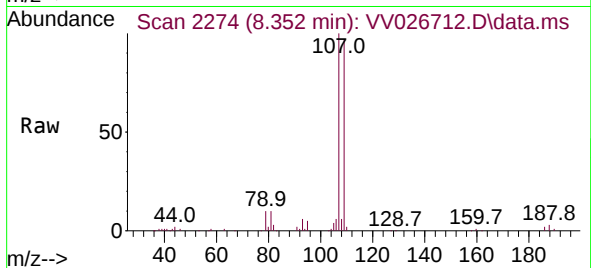
Tgt Ion:107 Resp: 65252

Ion Ratio Lower Upper

107 100

109 97.2 68.0 126.4

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 5.437 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

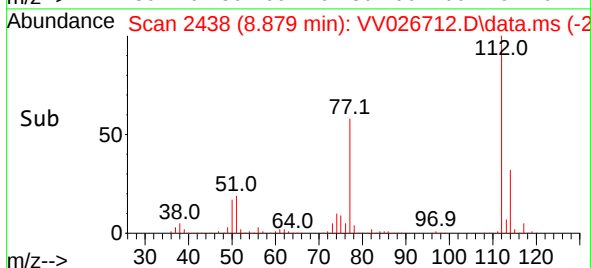
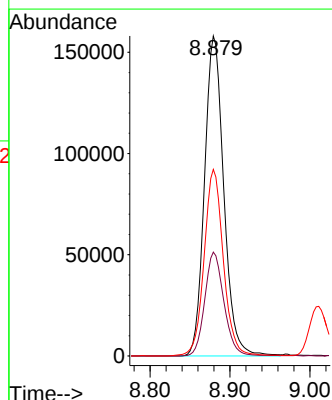
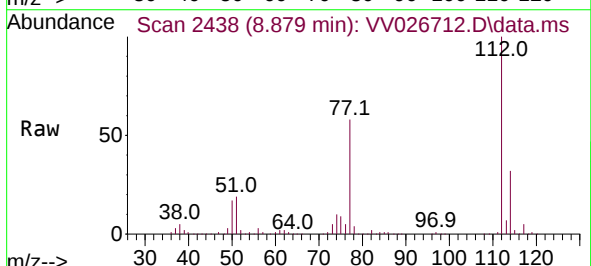
Tgt Ion:112 Resp: 265614

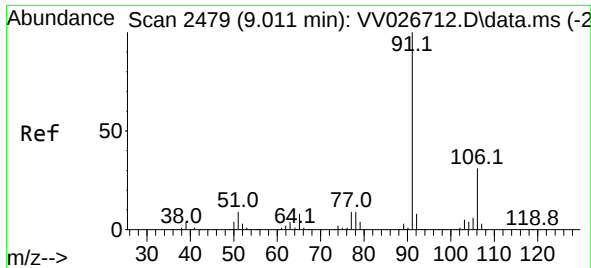
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.1

77 58.3 46.6 70.0

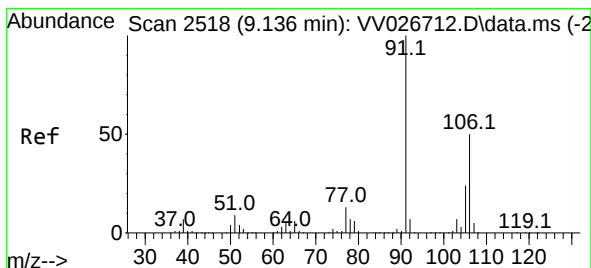
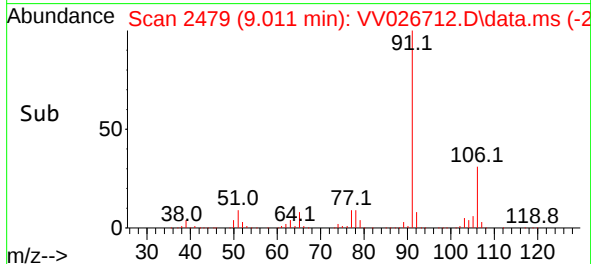
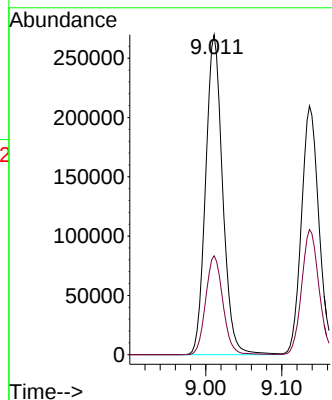
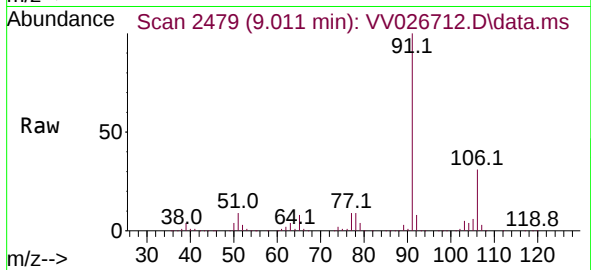




#52
Ethylbenzene
Concen: 5.451 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

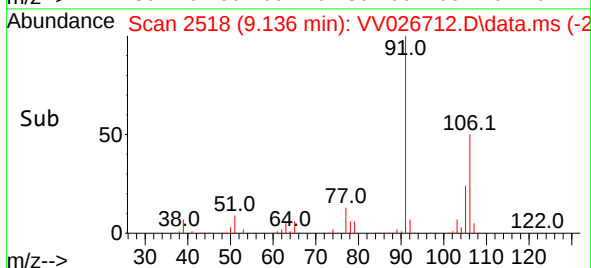
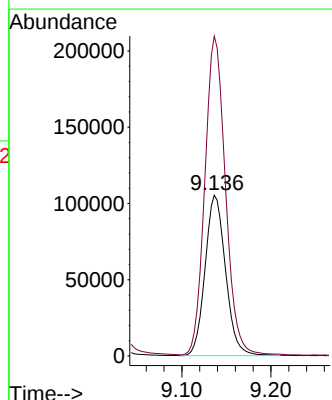
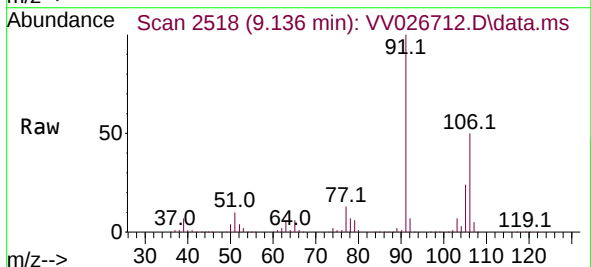
Instrument :
MSVOA_V
ClientSampleId :
VSTD005203

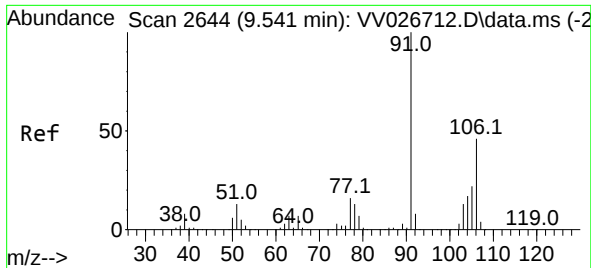
Tgt Ion: 91 Resp: 419340
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.2



#53
m,p-Xylene
Concen: 5.634 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

Tgt Ion: 106 Resp: 167859
Ion Ratio Lower Upper
106 100
91 199.0 139.3 258.7

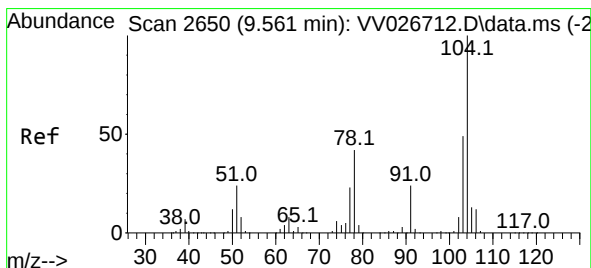
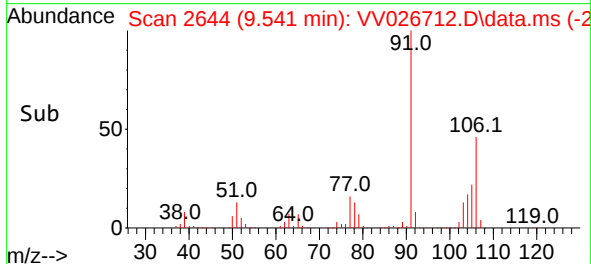
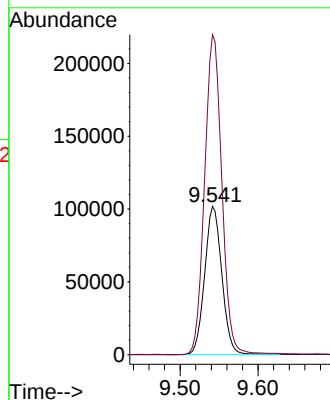
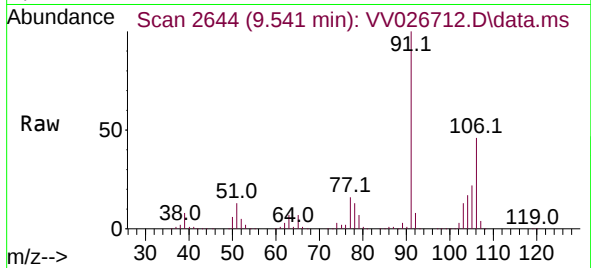




#54
o-Xylene
Concen: 5.610 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

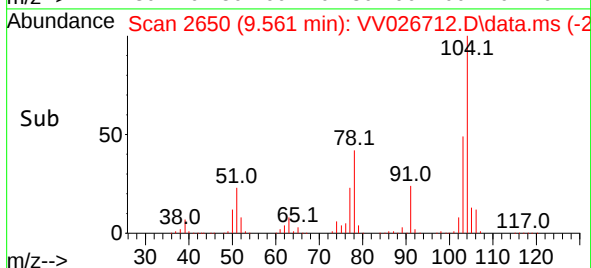
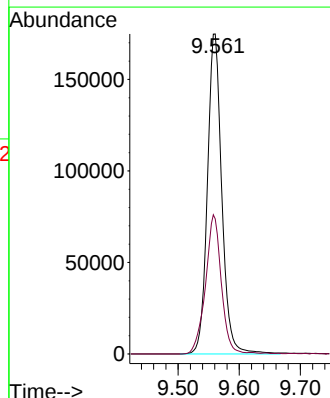
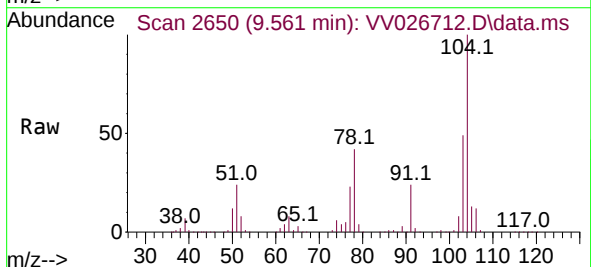
Instrument :
MSVOA_V
ClientSampleId :
VSTD005203

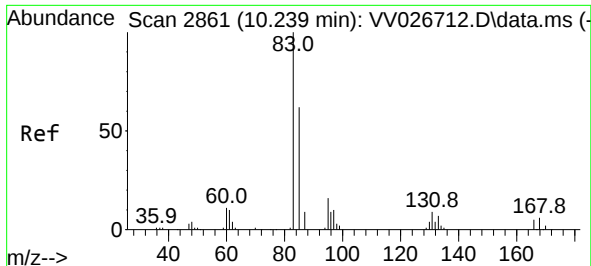
Tgt Ion:106 Resp: 156012
Ion Ratio Lower Upper
106 100
91 215.9 151.1 280.7



#55
Styrene
Concen: 5.792 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

Tgt Ion:104 Resp: 286128
Ion Ratio Lower Upper
104 100
78 42.2 29.5 54.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.485 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005203

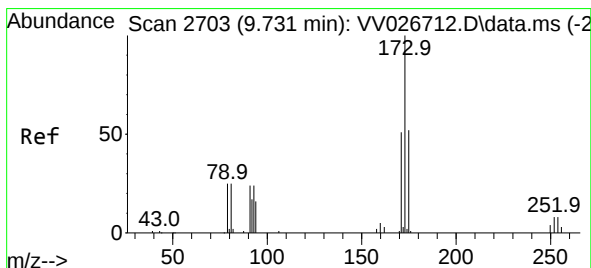
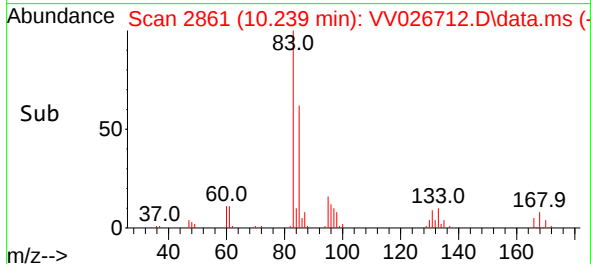
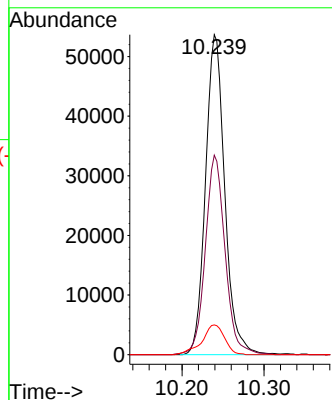
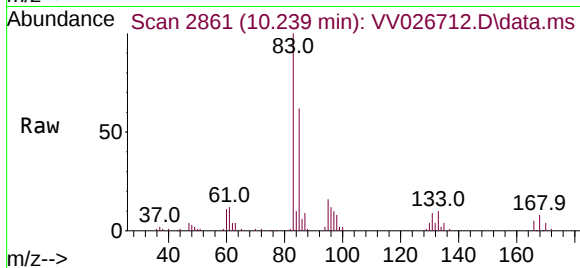
Tgt Ion: 83 Resp: 87529

Ion Ratio Lower Upper

83 100

85 62.3 43.6 81.0

131 9.3 7.4 11.2



#59

Bromoform

Concen: 4.987 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

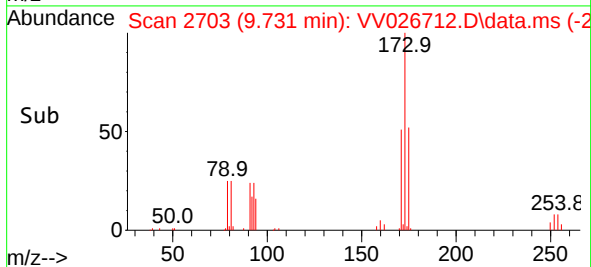
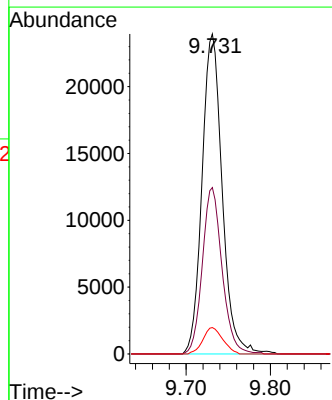
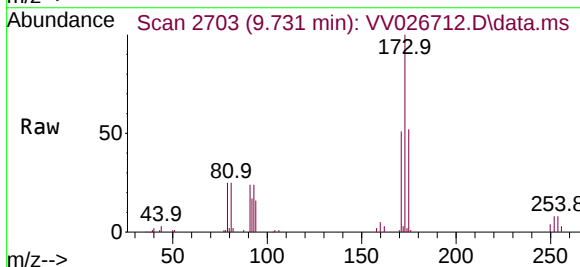
Tgt Ion: 173 Resp: 39917

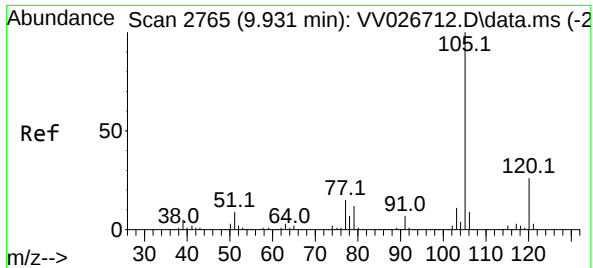
Ion Ratio Lower Upper

173 100

175 50.9 40.7 61.1

254 8.1 6.5 9.7

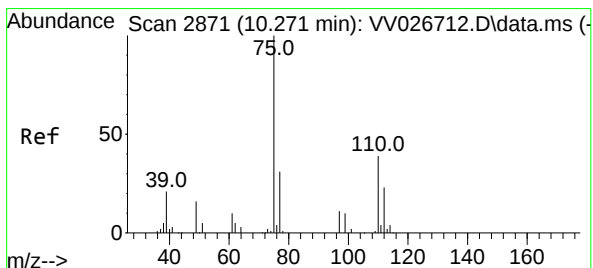
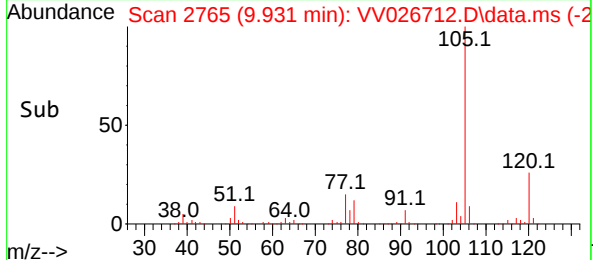
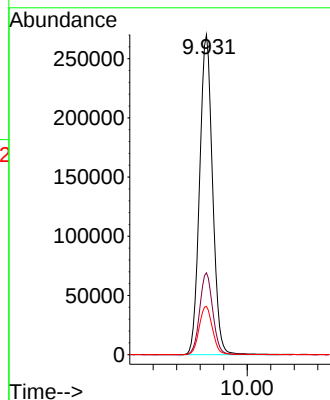
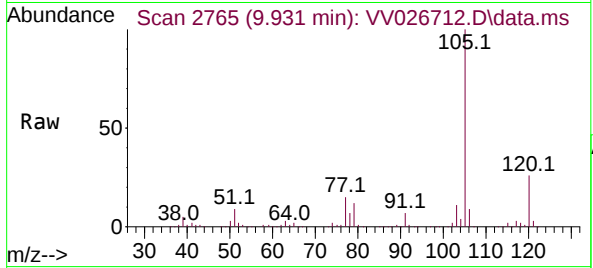




#60
Isopropylbenzene
Concen: 5.344 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

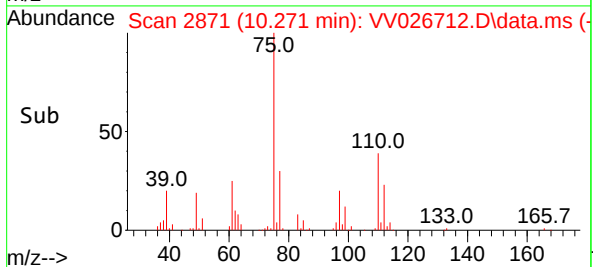
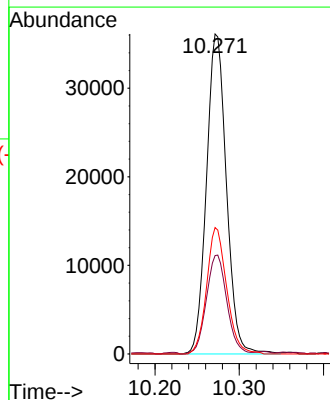
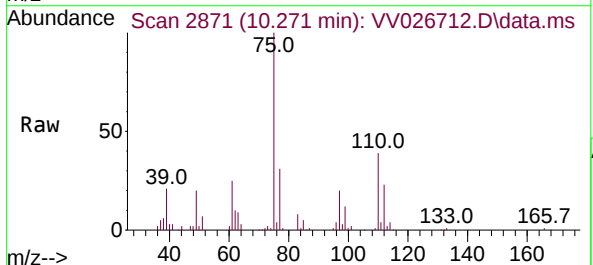
Instrument :
MSVOA_V
ClientSampleId :
VSTD005203

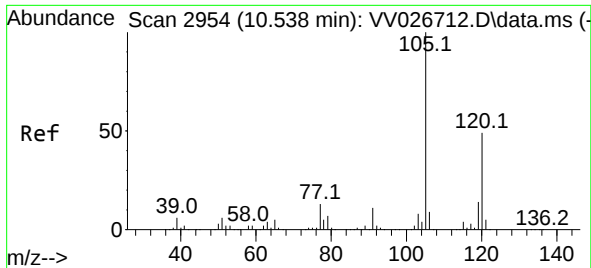
Tgt Ion:105 Resp: 412017
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.217 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

Tgt Ion: 75 Resp: 59540
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
110 39.7 31.8 47.6

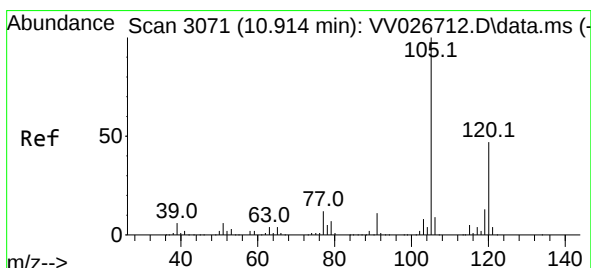
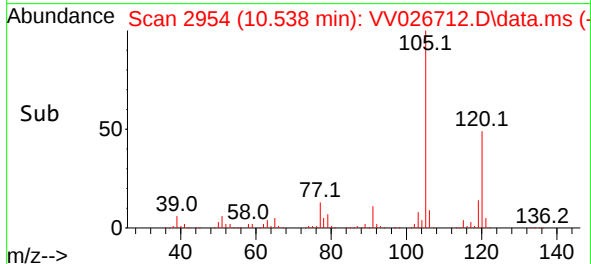
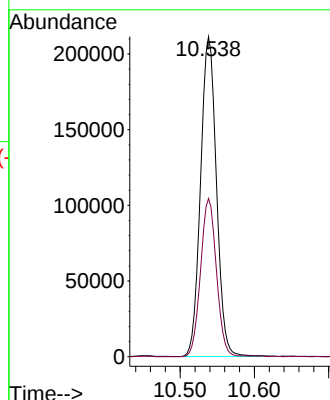
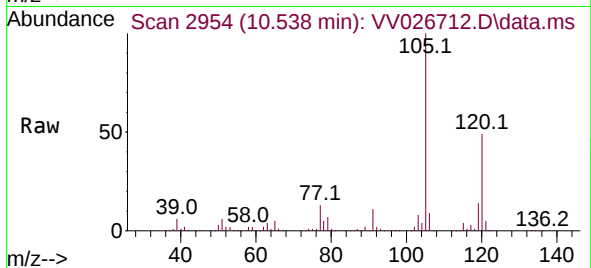




#62
1,3,5-Trimethylbenzene
Concen: 5.113 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

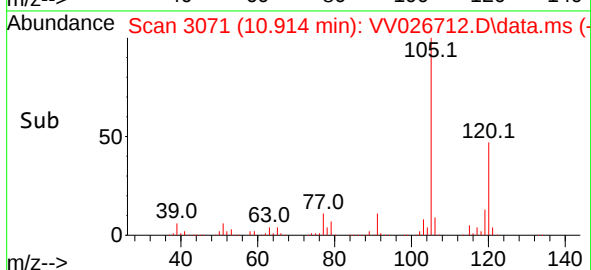
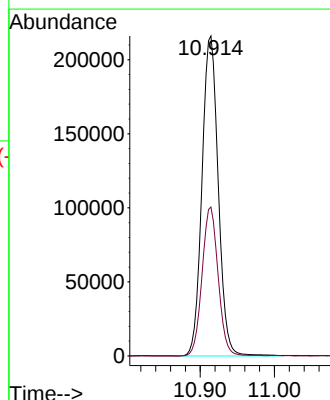
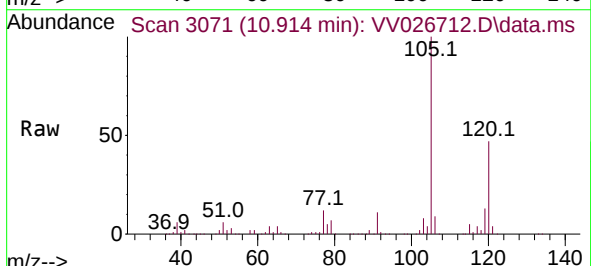
Instrument :
MSVOA_V
ClientSampleId :
VSTD005203

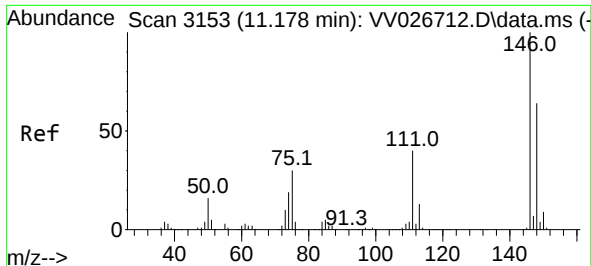
Tgt Ion:105 Resp: 314533
Ion Ratio Lower Upper
105 100
120 49.5 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 5.272 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

Tgt Ion:105 Resp: 328670
Ion Ratio Lower Upper
105 100
120 46.0 36.8 55.2

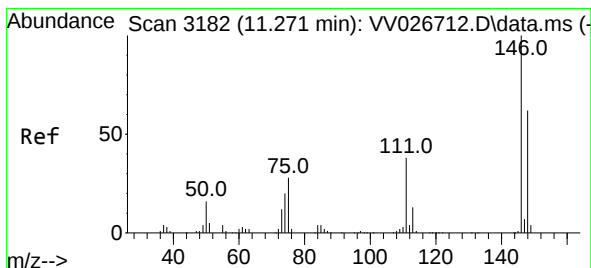
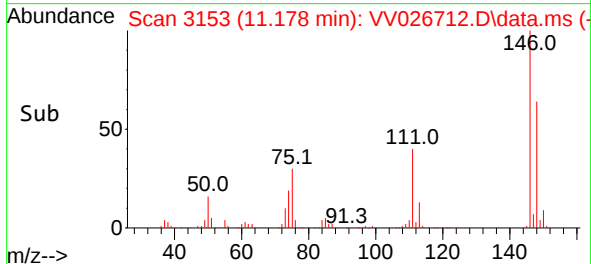
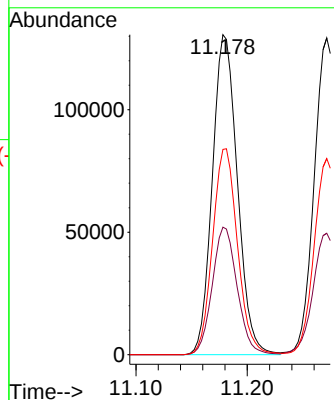
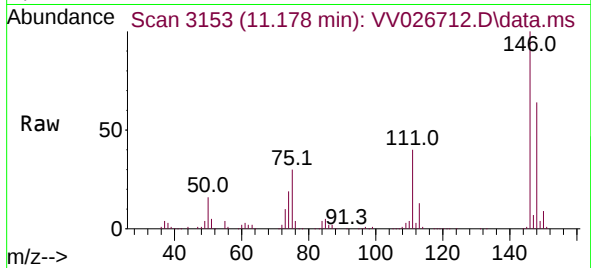




#64
 1,3-Dichlorobenzene
 Concen: 5.414 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV026712.D
 Acq: 11 Jul 2022 20:20

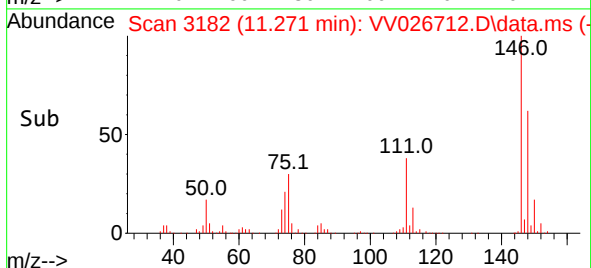
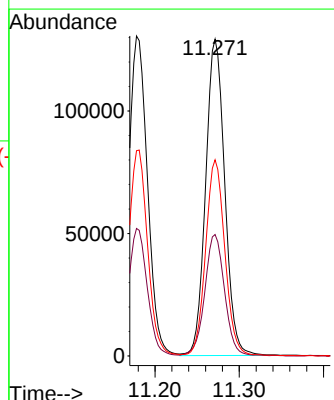
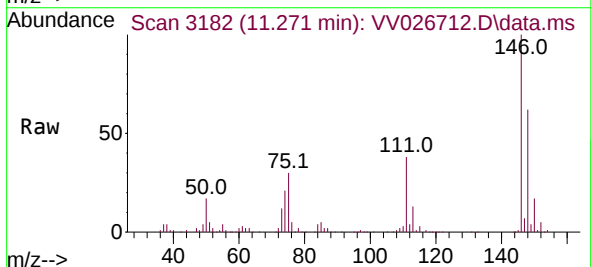
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005203

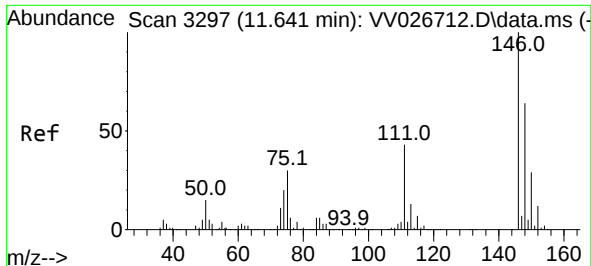
Tgt Ion:146 Resp: 204105
 Ion Ratio Lower Upper
 146 100
 111 39.8 27.9 51.7
 148 64.2 44.9 83.5



#65
 1,4-Dichlorobenzene
 Concen: 5.369 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV026712.D
 Acq: 11 Jul 2022 20:20

Tgt Ion:146 Resp: 203826
 Ion Ratio Lower Upper
 146 100
 111 38.3 26.8 49.8
 148 61.9 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 5.331 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005203

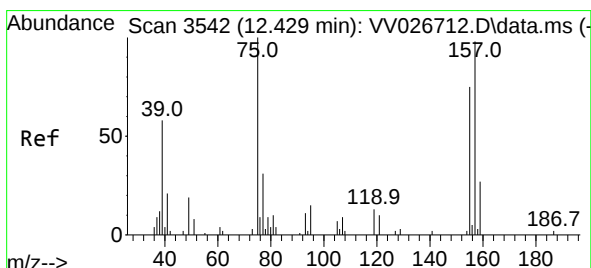
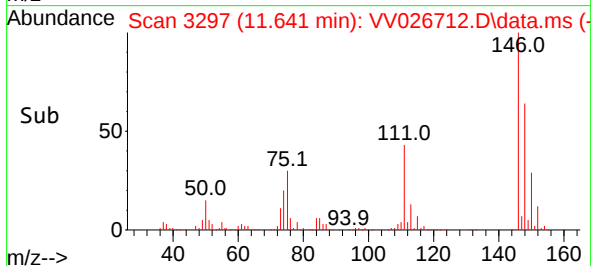
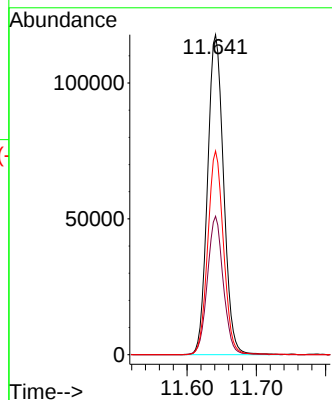
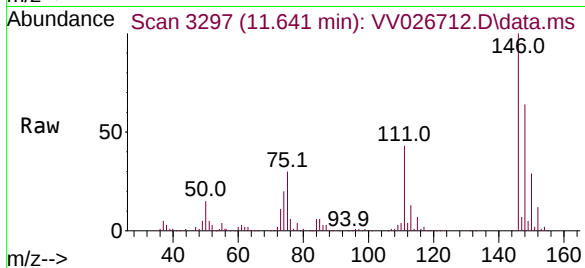
Tgt Ion:146 Resp: 188938

Ion Ratio Lower Upper

146 100

111 43.3 34.6 52.0

148 63.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.186 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VV026712.D

Acq: 11 Jul 2022 20:20

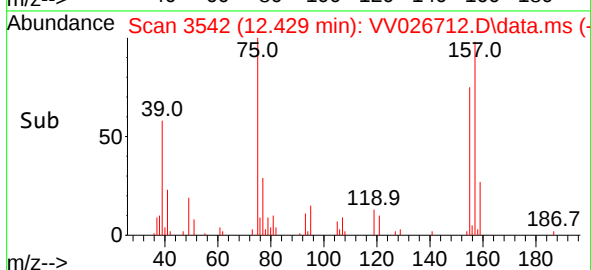
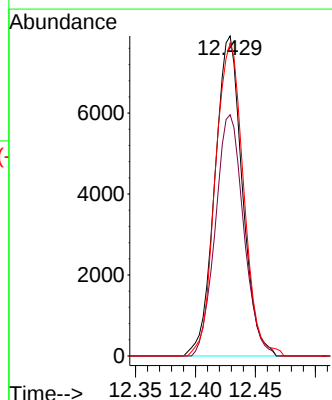
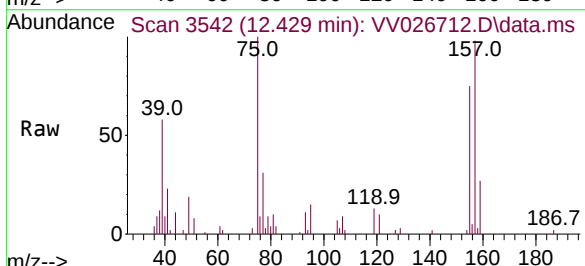
Tgt Ion: 75 Resp: 12575

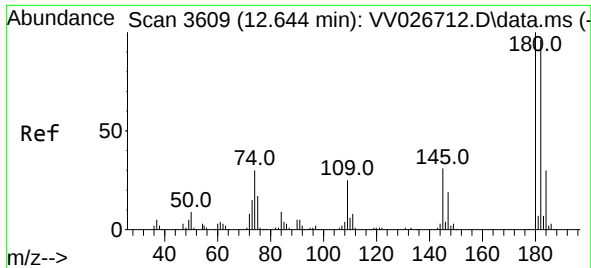
Ion Ratio Lower Upper

75 100

155 75.4 60.3 90.5

157 97.8 78.2 117.4

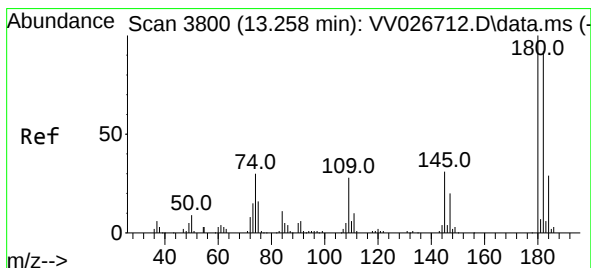
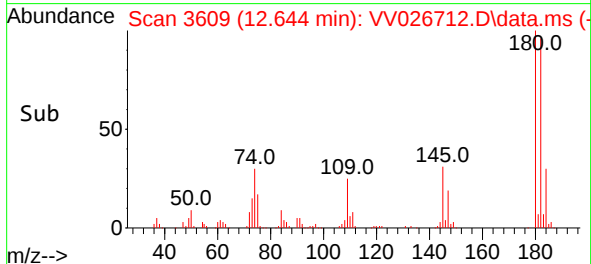
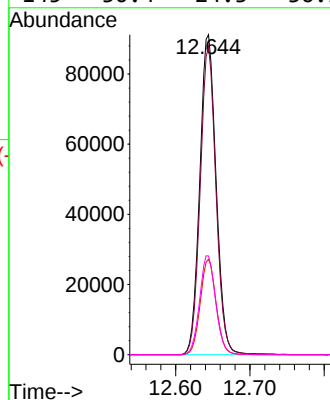
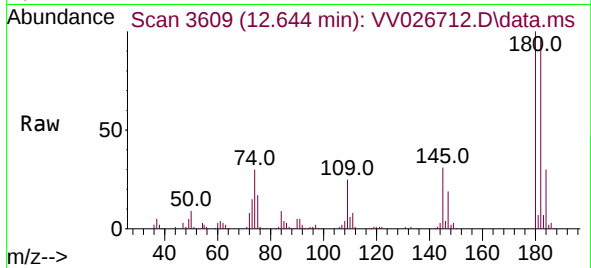




#69
 1,3,5-Trichlorobenzene
 Concen: 5.240 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026712.D
 Acq: 11 Jul 2022 20:20

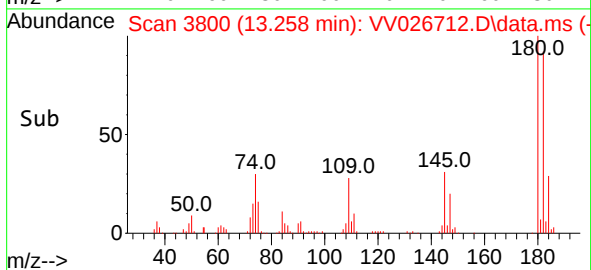
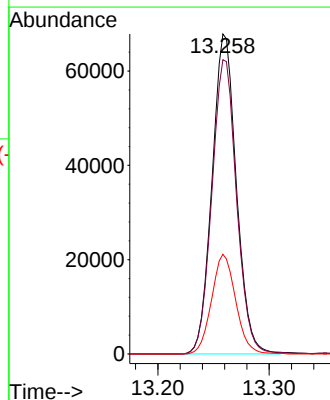
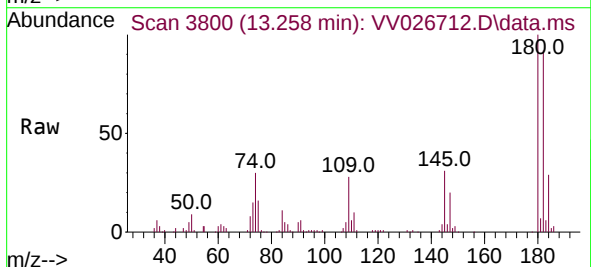
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005203

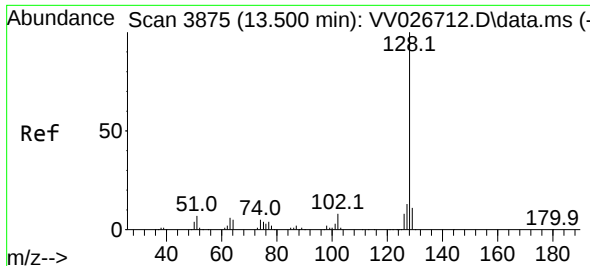
Tgt Ion:180 Resp: 139798
 Ion Ratio Lower Upper
 180 100
 182 92.5 74.0 111.0
 184 28.9 23.1 34.7
 145 30.4 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 5.040 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026712.D
 Acq: 11 Jul 2022 20:20

Tgt Ion:180 Resp: 102875
 Ion Ratio Lower Upper
 180 100
 182 93.4 74.7 112.1
 145 30.9 24.7 37.1

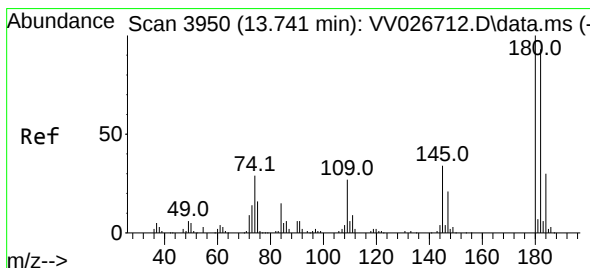
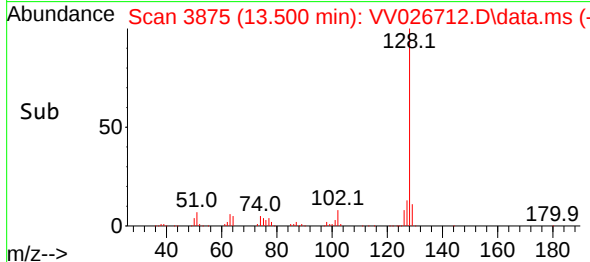
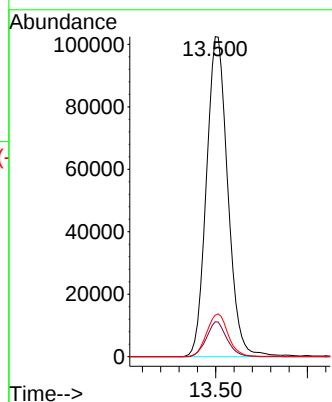
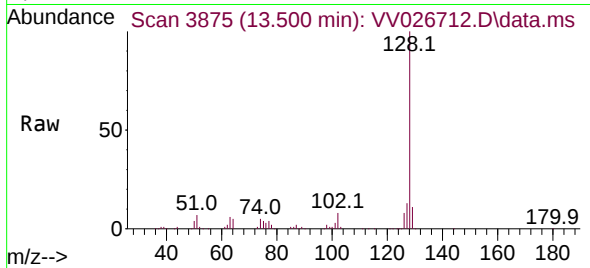




#71
Naphthalene
Concen: 4.893 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD005203

Tgt Ion:128 Resp: 165562
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.4 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 5.202 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026712.D
Acq: 11 Jul 2022 20:20

Tgt Ion:180 Resp: 98122
Ion Ratio Lower Upper
180 100
182 93.7 75.0 112.4
145 32.5 26.0 39.0

