

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032822\
 Data File : VW025272.D
 Acq On : 28 Mar 2022 19:28
 Operator : SY/MD
 Sample : N2101-06MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAZ46MS

Quant Time: Mar 29 03:31:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 29 03:26:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	147757	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	143477	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72402	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	54331	3.937	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.571	69	55553	4.796	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.111	63	123741	4.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	3.889	46	72389	52.654	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.300%
24) Chloroform-d	4.352	84	92939	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.034	65	40388	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.050	84	178710	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.069	67	49768	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.313	98	169271	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	7.625	79	15836	4.772	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.088	63	60704	50.647	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.300%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	34569	5.096	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	57476	4.943	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	78938	5.349	ug/L	99
3) Chloromethane	1.243	50	82588	4.744	ug/L	100
5) Vinyl chloride	1.313	62	89827	4.620	ug/L	96
6) Bromomethane	1.526	94	54902	4.757	ug/L	99
8) Chloroethane	1.587	64	67862	5.562	ug/L	98
9) Trichlorofluoromethane	1.754	101	134016	5.099	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	74508	4.773	ug/L	97
12) 1,1-Dichloroethene	2.121	96	71846	4.830	ug/L	97
13) Acetone	2.178	43	59175	56.407	ug/L	82
14) Carbon disulfide	2.297	76	163724	5.313	ug/L	98
15) Methyl Acetate	2.439	43	12503	5.235	ug/L	93
16) Methylene chloride	2.510	84	55314	4.736	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	95125	5.054	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	56916	5.330	ug/L	98
19) 1,1-Dichloroethane	3.191	63	96274	5.401	ug/L	99
21) 2-Butanone	3.973	43	78050	54.068	ug/L	85
22) cis-1,2-Dichloroethene	3.915	96	58805	5.421	ug/L	95
23) Bromochloromethane	4.252	128	25129	5.554	ug/L	95
25) Chloroform	4.378	83	105064	5.313	ug/L	98

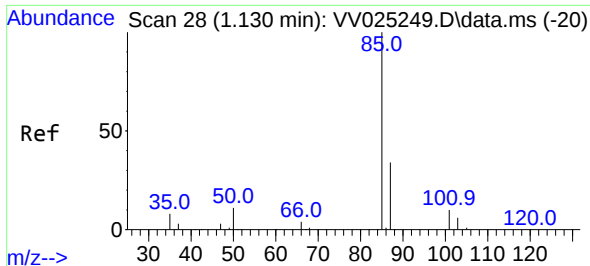
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032822\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	54194	5.307	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	93083	5.366	ug/L	99
30) Cyclohexane	4.677	56	79061	5.096	ug/L	99
31) Carbon tetrachloride	4.828	117	81845	5.450	ug/L	98
33) Benzene	5.101	78	226052	5.371	ug/L	100
34) Trichloroethene	5.915	95	60257	5.214	ug/L	96
35) Methylcyclohexane	6.130	83	93021	5.137	ug/L	99
37) 1,2-Dichloropropane	6.172	63	52460	5.374	ug/L	99
38) Bromodichloromethane	6.506	83	67439	5.453	ug/L	91
39) cis-1,3-Dichloropropene	7.027	75	63181	4.991	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	209307	53.699	ug/L	99
42) Toluene	7.387	91	249583	5.555	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	51579	5.183	ug/L	94
45) 1,1,2-Trichloroethane	7.837	97	37388	5.594	ug/L	99
47) Tetrachloroethene	7.976	164	45984	5.396	ug/L	98
48) 2-Hexanone	8.136	43	148213	53.165	ug/L	99
49) Dibromochloromethane	8.242	129	39470	5.487	ug/L	98
50) 1,2-Dibromoethane	8.352	107	33750	5.420	ug/L #	99
51) Chlorobenzene	8.879	112	156351	5.389	ug/L	99
52) Ethylbenzene	9.011	91	256314	5.379	ug/L	98
53) m,p-Xylene	9.136	106	103172	5.567	ug/L	98
54) o-Xylene	9.541	106	94835	5.353	ug/L	95
55) Styrene	9.558	104	163187	5.602	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	38261	5.491	ug/L	98
59) Bromoform	9.728	173	16614	5.614	ug/L	98
60) Isopropylbenzene	9.931	105	260663	5.428	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	28043	5.119	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	107688	5.001	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	201733	5.251	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	120700	5.367	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	118489	5.261	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	104211	5.266	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	4919	5.015	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	85182	5.251	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	62627	5.116	ug/L	100
71) Naphthalene	13.499	128	94585	4.958	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	56852	5.391	ug/L	98

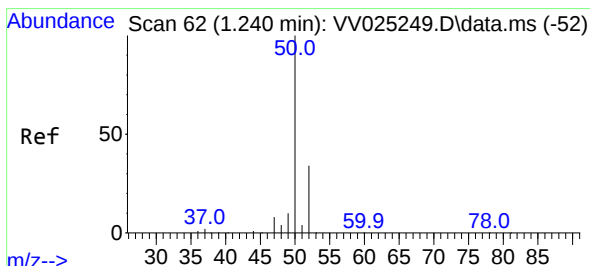
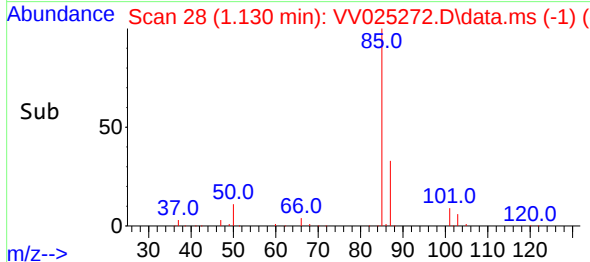
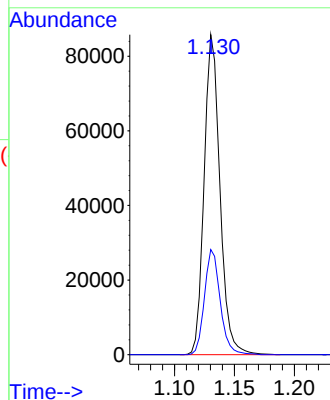
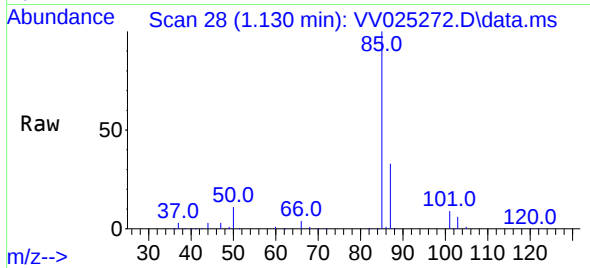
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.349 ug/L
RT: 1.130 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

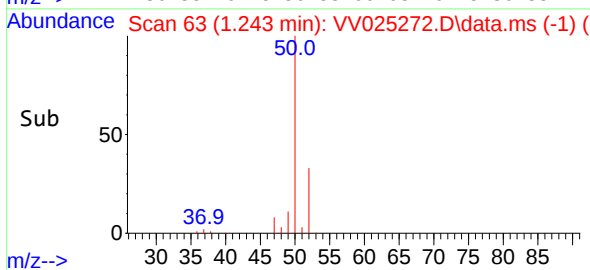
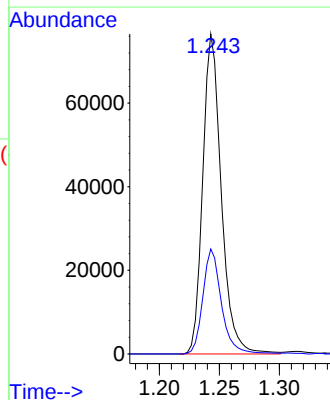
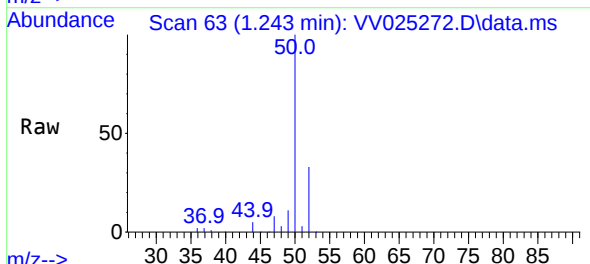
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

Tgt Ion: 85 Resp: 78938
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.6

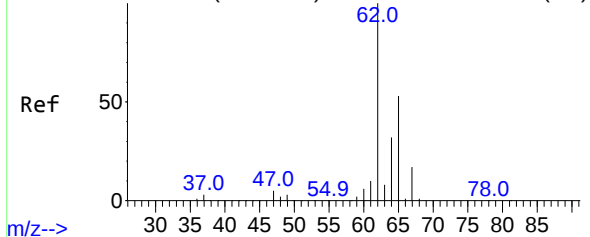


#3
Chloromethane
Concen: 4.744 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion: 50 Resp: 82588
Ion Ratio Lower Upper
50 100
52 32.8 22.9 42.5



Abundance Scan 84 (1.310 min): VV025249.D\data.ms (-76)



#5

Vinyl chloride

Concen: 4.620 ug/L

RT: 1.313 min Scan# 84

Delta R.T. 0.003 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

Instrument :

MSVOA_V

ClientSampleId :

YAZ46MS

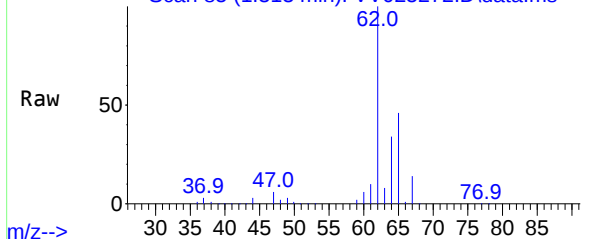
Tgt Ion: 62 Resp: 89827

Ion Ratio Lower Upper

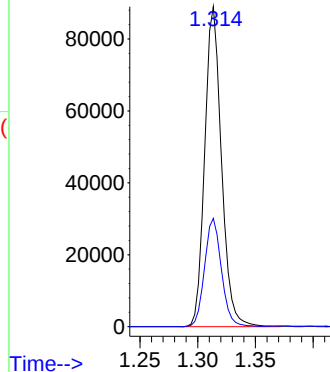
62 100

64 33.9 22.0 40.8

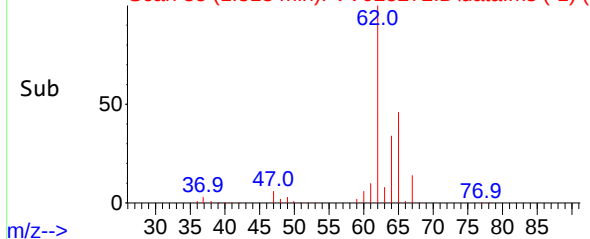
Abundance Scan 85 (1.313 min): VV025272.D\data.ms



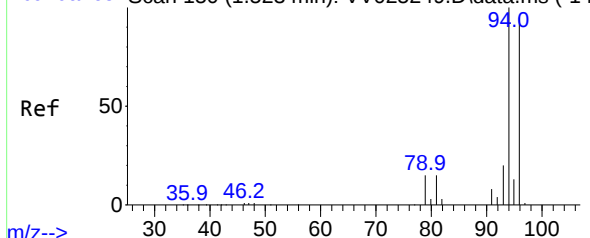
Abundance



Abundance Scan 85 (1.313 min): VV025272.D\data.ms (-1)



Abundance Scan 150 (1.523 min): VV025249.D\data.ms (-14)



#6

Bromomethane

Concen: 4.757 ug/L

RT: 1.526 min Scan# 151

Delta R.T. 0.003 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

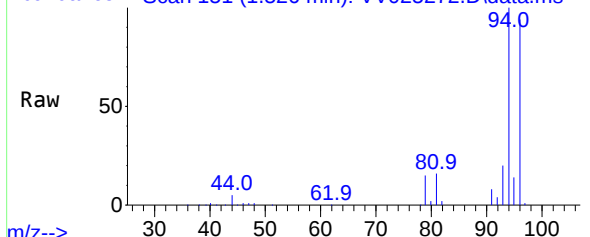
Tgt Ion: 94 Resp: 54902

Ion Ratio Lower Upper

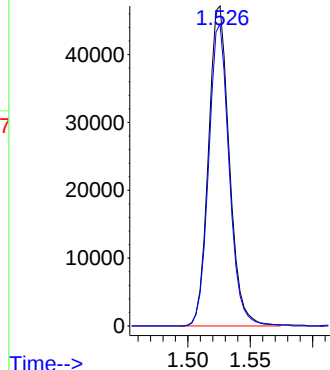
94 100

96 94.4 65.5 121.7

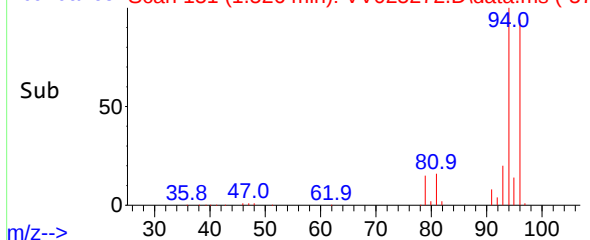
Abundance Scan 151 (1.526 min): VV025272.D\data.ms

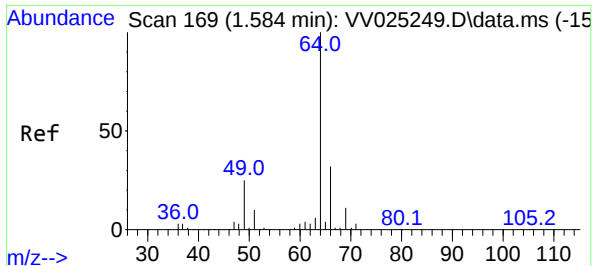


Abundance



Abundance Scan 151 (1.526 min): VV025272.D\data.ms (-57)

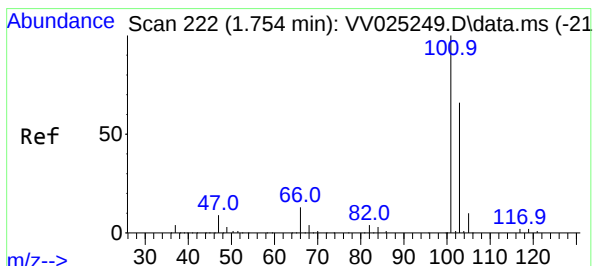
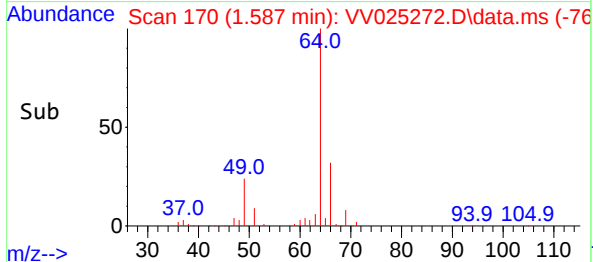
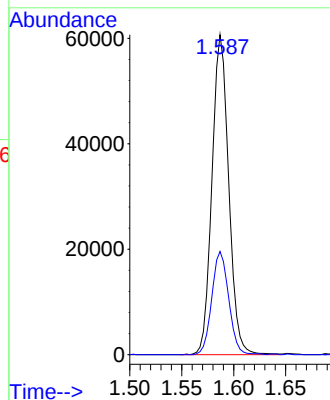
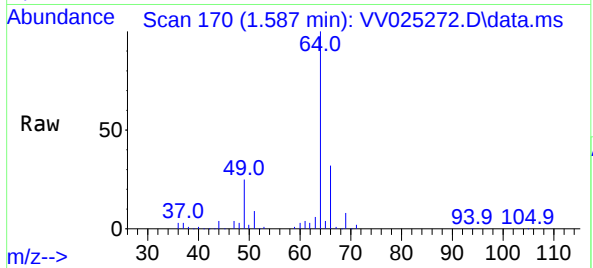




#8
Chloroethane
Concen: 5.562 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

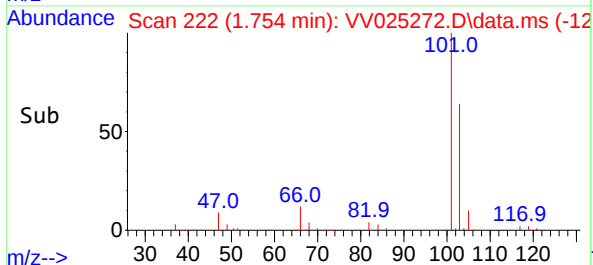
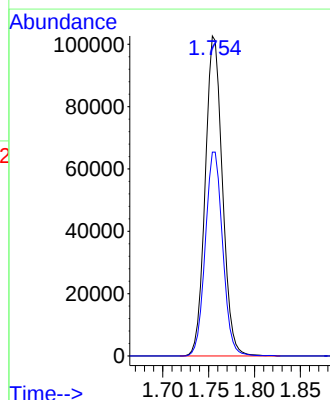
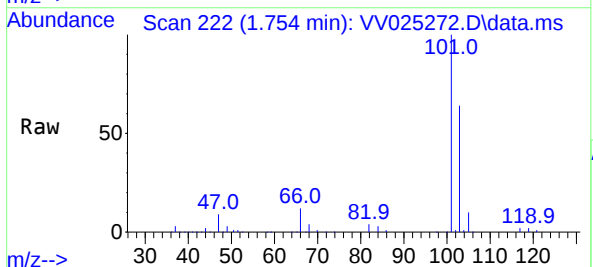
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

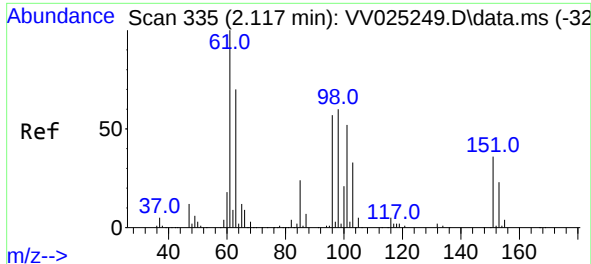
Tgt Ion: 64 Resp: 67862
Ion Ratio Lower Upper
64 100
66 32.3 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.099 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion:101 Resp: 134016
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.2





#10

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

Concen: 4.773 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

Instrument :

MSVOA_V

ClientSampleId :

YAZ46MS

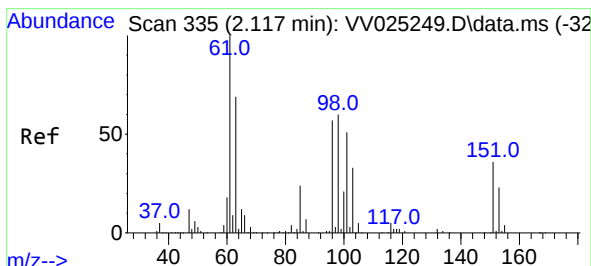
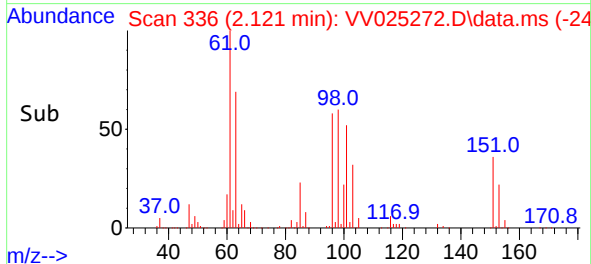
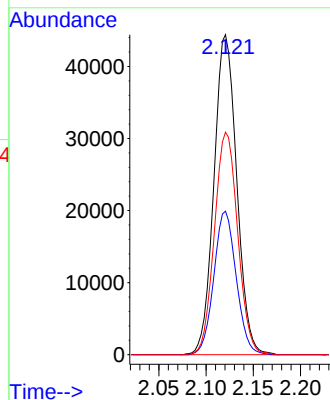
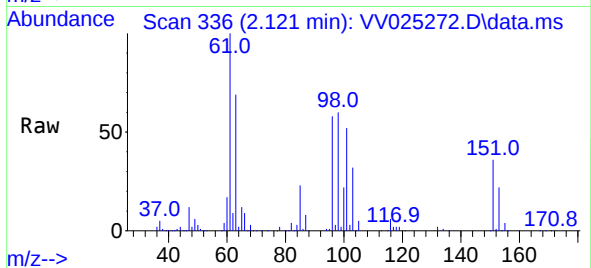
Tgt Ion:101 Resp: 74508

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

151 71.0 54.6 81.8



#12

1,1-Dichloroethene

Concen: 4.830 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

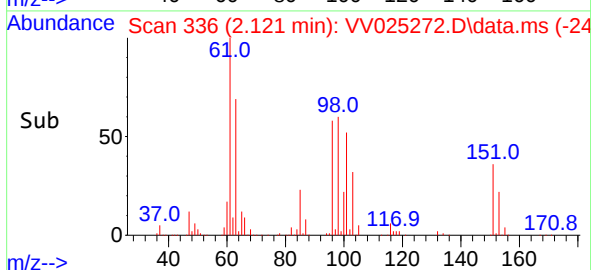
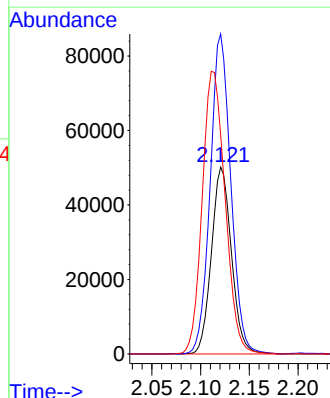
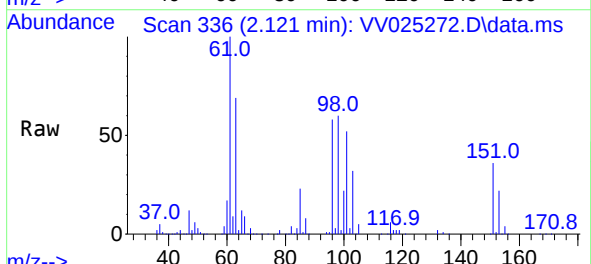
Tgt Ion: 96 Resp: 71846

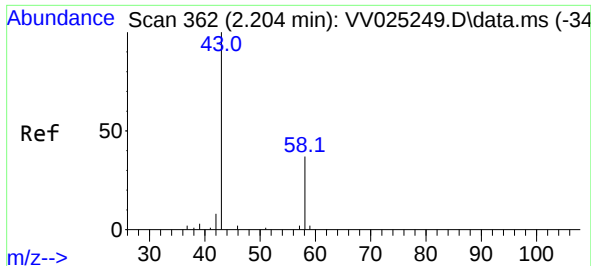
Ion Ratio Lower Upper

96 100

61 171.2 121.5 225.7

63 117.3 77.9 144.7





#13

Acetone

Concen: 56.407 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

Instrument :

MSVOA_V

ClientSampleId :

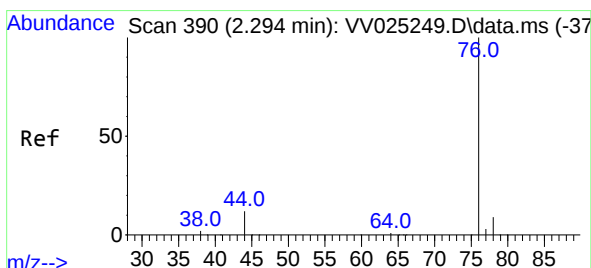
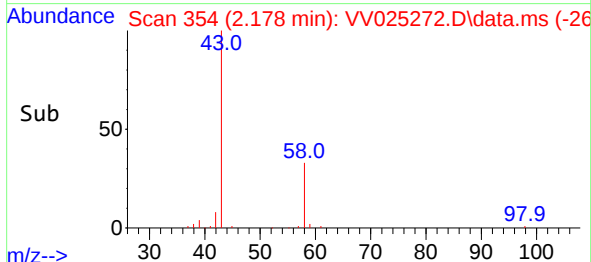
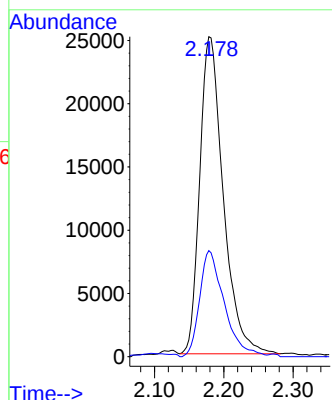
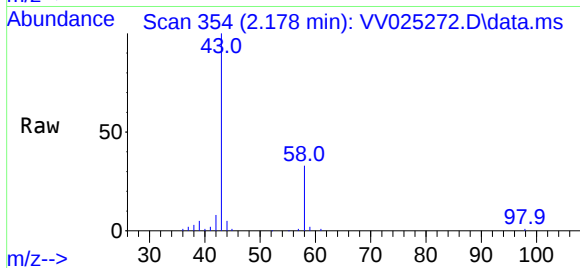
YAZ46MS

Tgt Ion: 43 Resp: 59175

Ion Ratio Lower Upper

43 100

58 34.9 0.0 51.2



#14

Carbon disulfide

Concen: 5.313 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025272.D

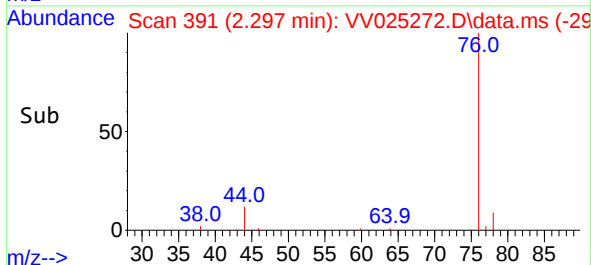
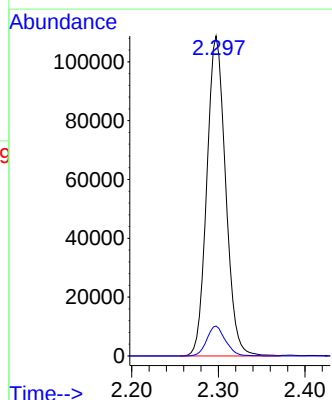
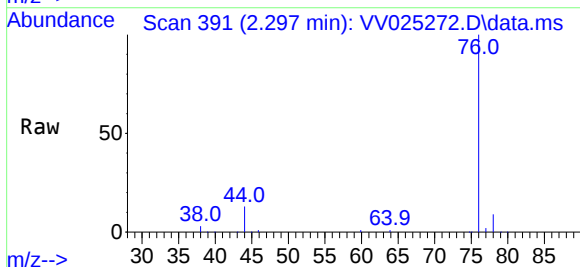
Acq: 28 Mar 2022 19:28

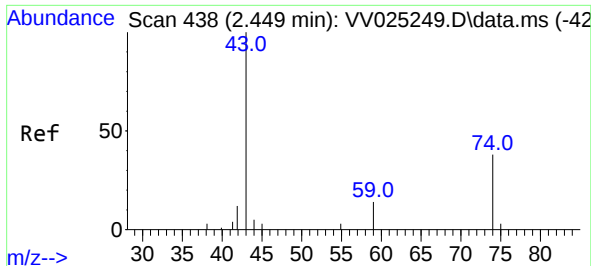
Tgt Ion: 76 Resp: 163724

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4

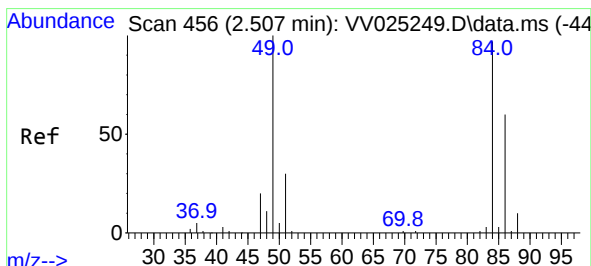
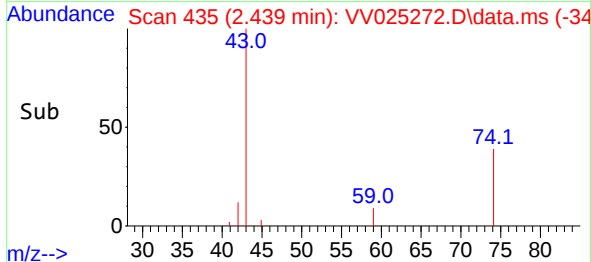
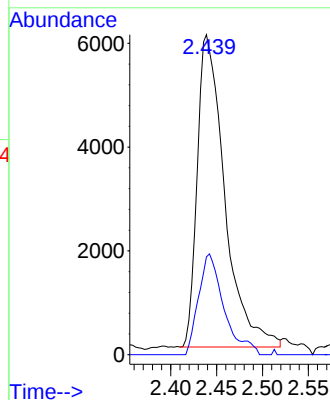
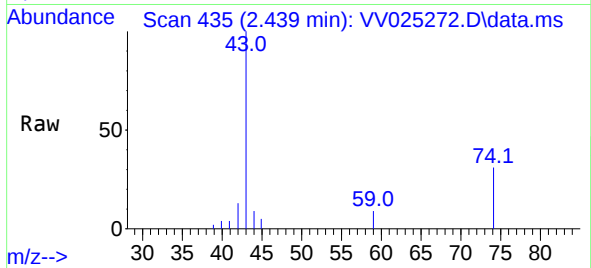




#15
Methyl Acetate
Concen: 5.235 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

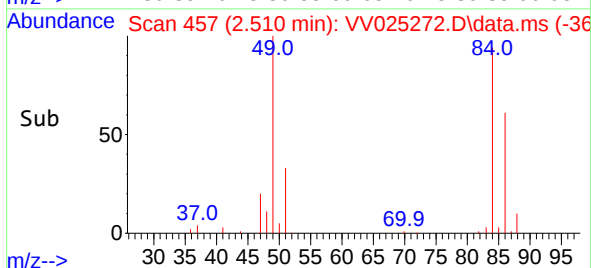
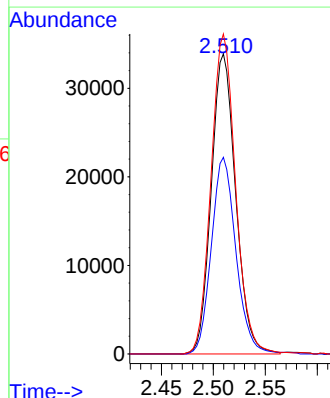
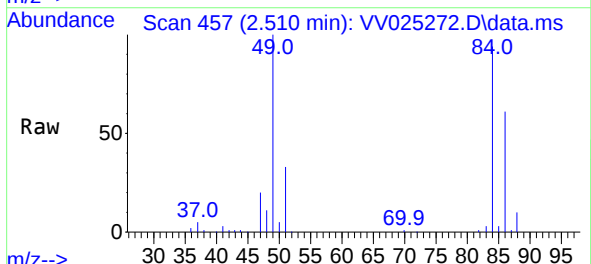
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

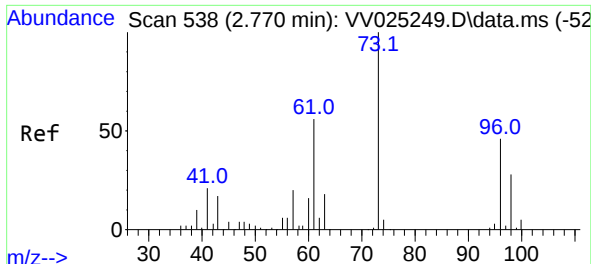
Tgt Ion: 43 Resp: 12503
Ion Ratio Lower Upper
43 100
74 29.8 20.9 31.3



#16
Methylene chloride
Concen: 4.736 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion: 84 Resp: 55314
Ion Ratio Lower Upper
84 100
86 65.5 43.5 80.7
49 106.6 74.5 138.3



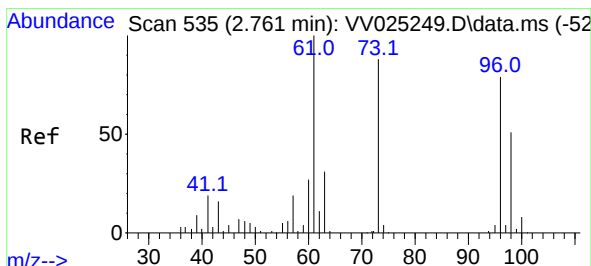
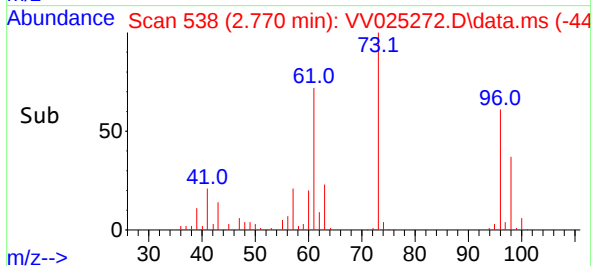
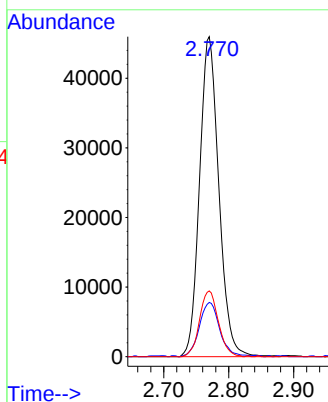
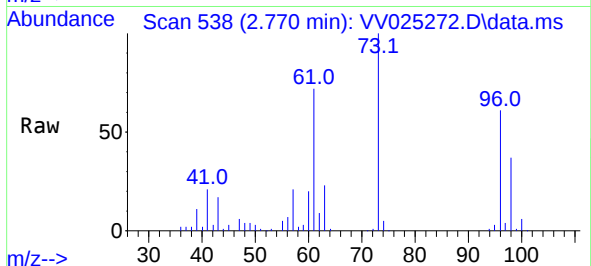


#17
Methyl tert-butyl Ether
Concen: 5.054 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

Tgt Ion: 73 Resp: 95125

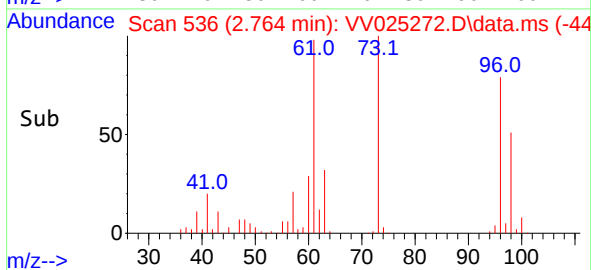
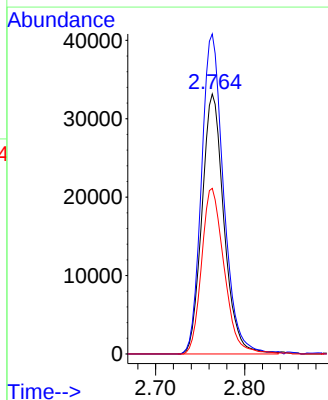
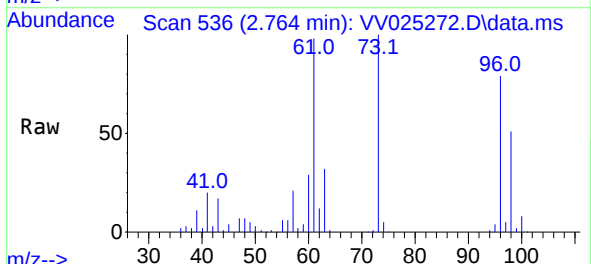
Ion	Ratio	Lower	Upper
73	100		
43	18.0	13.5	20.3
57	20.1	16.4	24.6

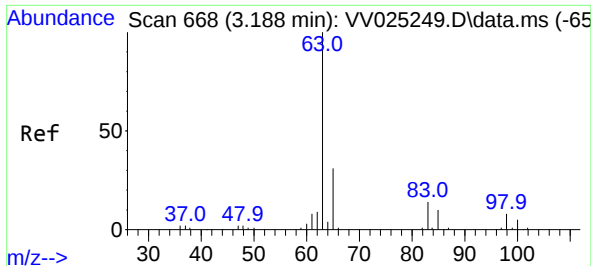


#18
trans-1,2-Dichloroethene
Concen: 5.330 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion: 96 Resp: 56916

Ion	Ratio	Lower	Upper
96	100		
61	123.1	87.6	162.8
98	63.7	44.0	81.8

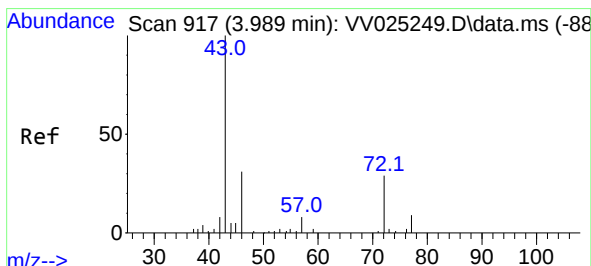
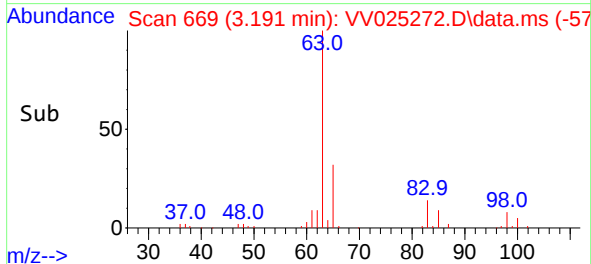
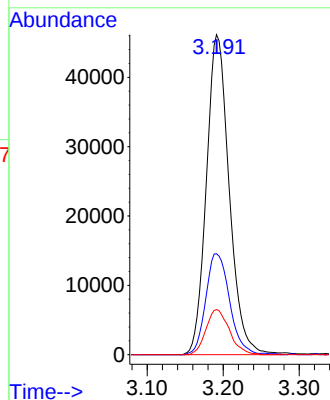
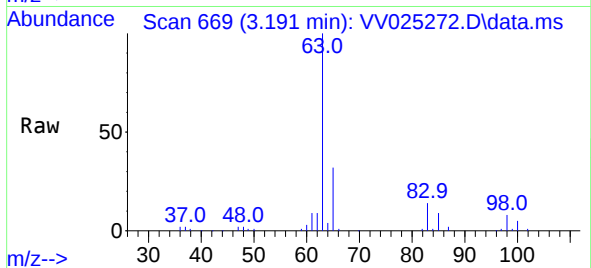




#19
1,1-Dichloroethane
Concen: 5.401 ug/L
RT: 3.191 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

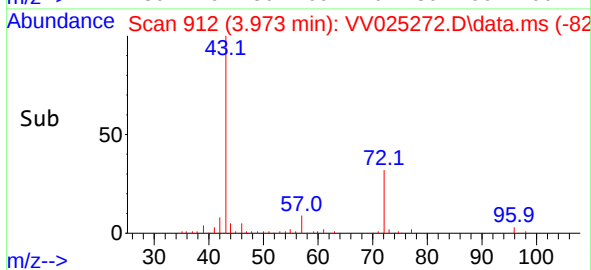
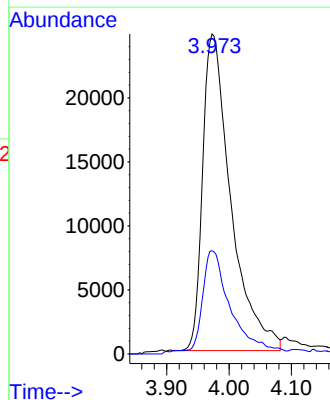
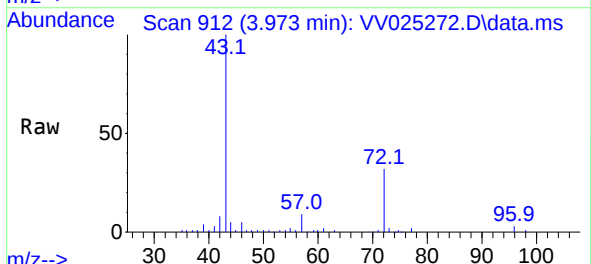
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

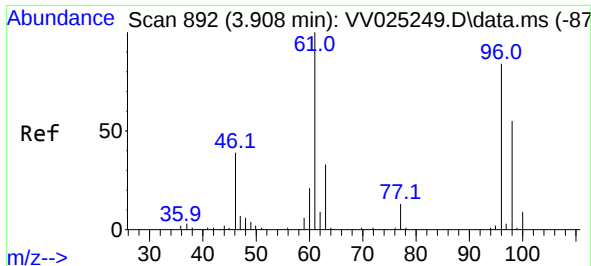
Tgt Ion: 63 Resp: 96274
Ion Ratio Lower Upper
63 100
65 31.6 22.0 40.8
83 14.1 10.2 19.0



#21
2-Butanone
Concen: 54.068 ug/L
RT: 3.973 min Scan# 912
Delta R.T. -0.016 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion: 43 Resp: 78050
Ion Ratio Lower Upper
43 100
72 31.0 11.8 35.4

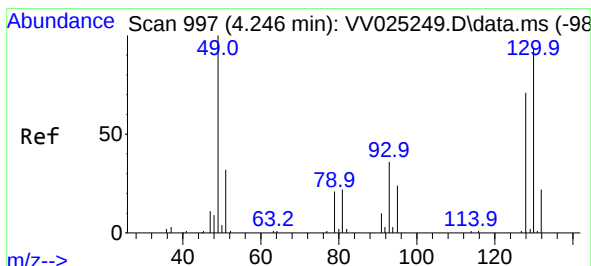
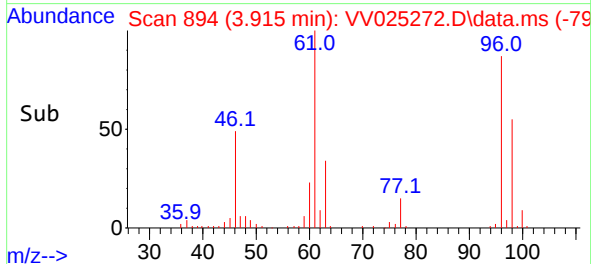
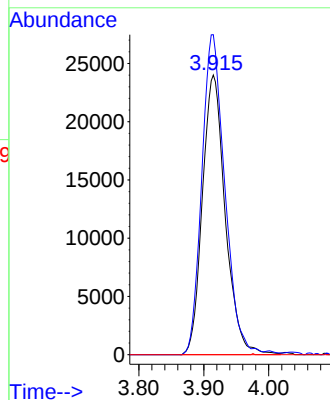
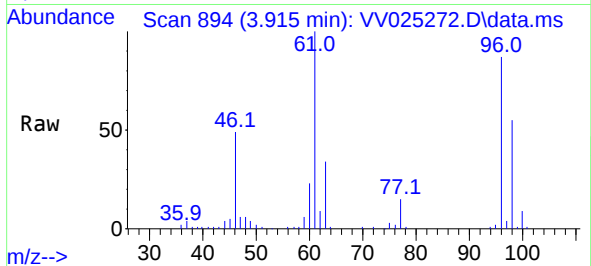




#22
cis-1,2-Dichloroethene
Concen: 5.421 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

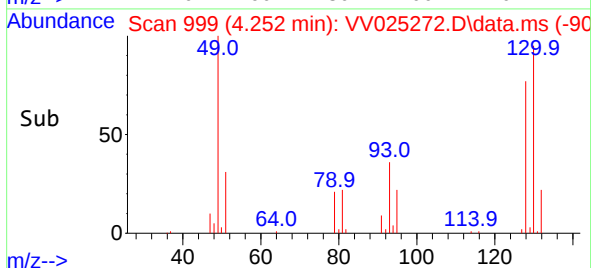
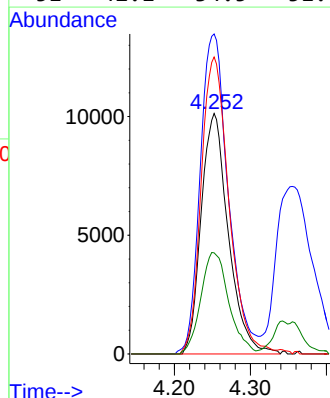
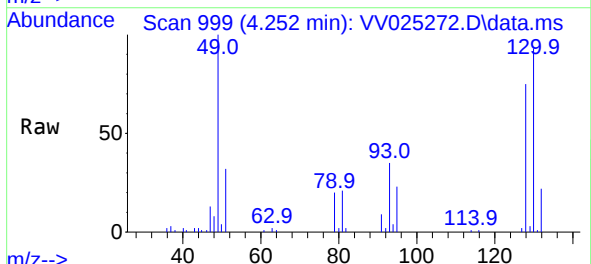
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

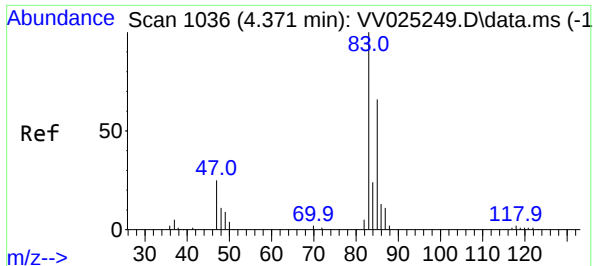
Tgt Ion: 96 Resp: 58805
Ion Ratio Lower Upper
96 100
61 114.4 84.1 156.1
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.554 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion: 128 Resp: 25129
Ion Ratio Lower Upper
128 100
49 133.1 101.4 188.4
130 123.5 85.0 158.0
51 42.1 34.5 51.7





#25

Chloroform

Concen: 5.313 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

Instrument :

MSVOA_V

ClientSampleId :

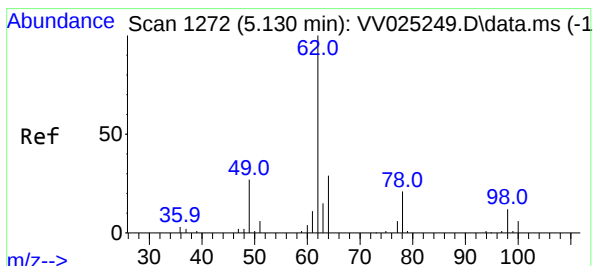
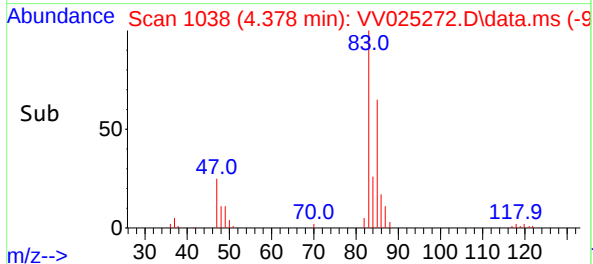
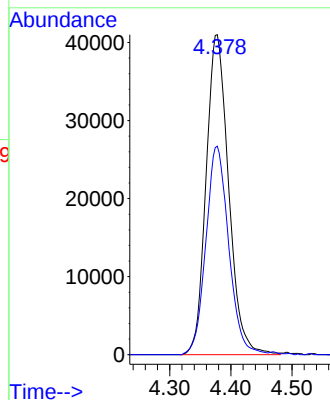
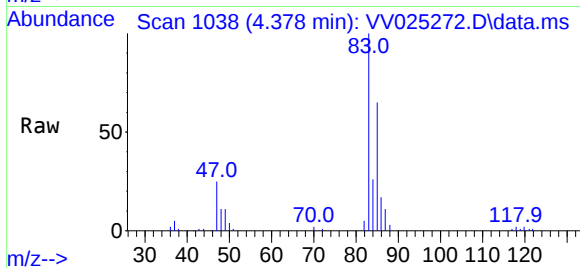
YAZ46MS

Tgt Ion: 83 Resp: 105064

Ion Ratio Lower Upper

83 100

85 65.1 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.307 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV025272.D

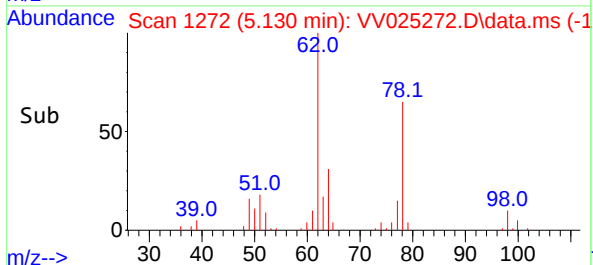
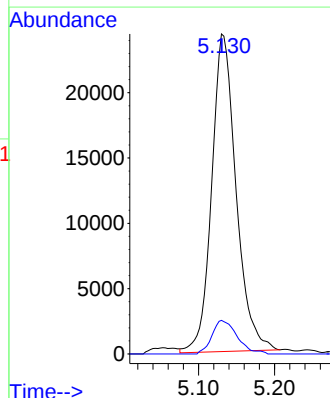
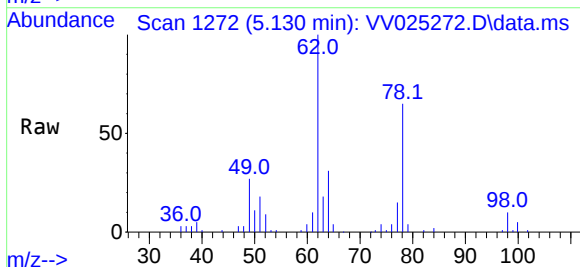
Acq: 28 Mar 2022 19:28

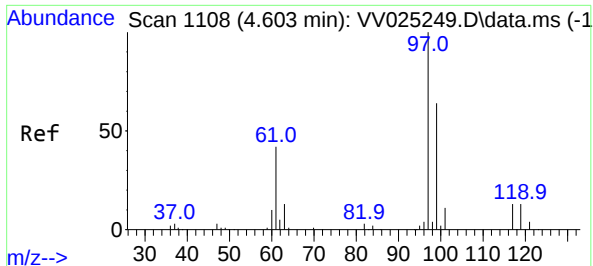
Tgt Ion: 62 Resp: 54194

Ion Ratio Lower Upper

62 100

98 10.5 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.366 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

Instrument :

MSVOA_V

ClientSampleId :

YAZ46MS

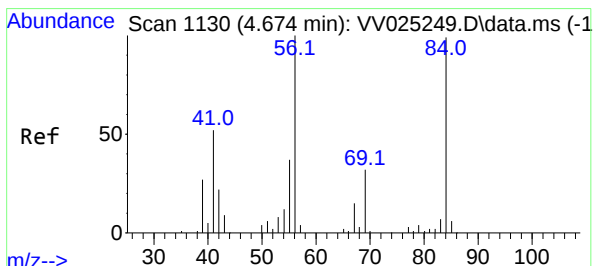
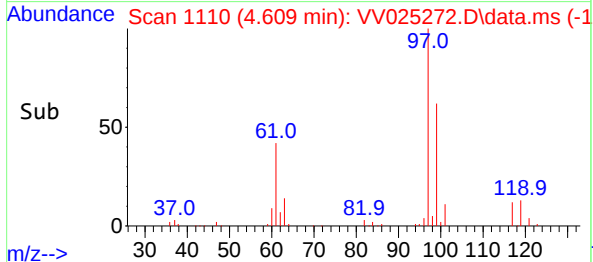
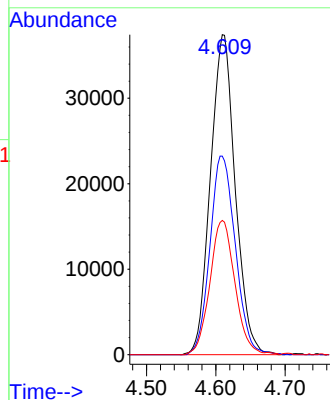
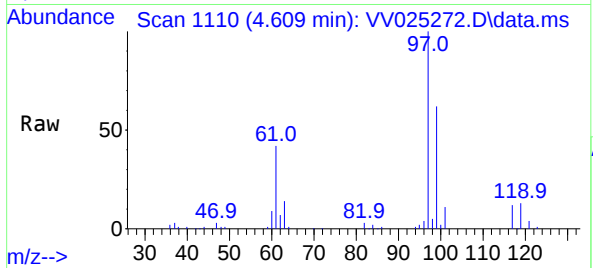
Tgt Ion: 97 Resp: 93083

Ion Ratio Lower Upper

97 100

99 63.7 51.9 77.9

61 42.3 34.2 51.2



#30

Cyclohexane

Concen: 5.096 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

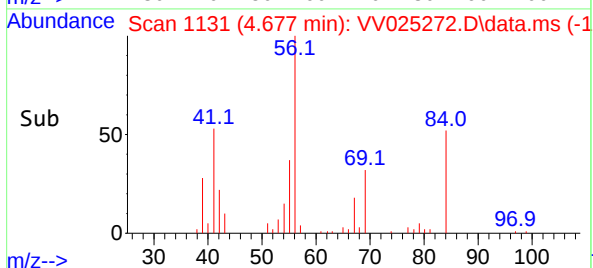
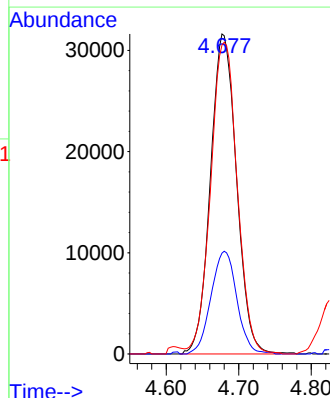
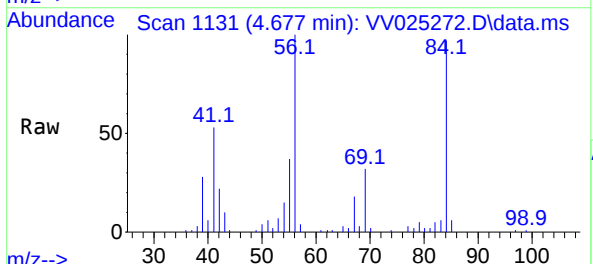
Tgt Ion: 56 Resp: 79061

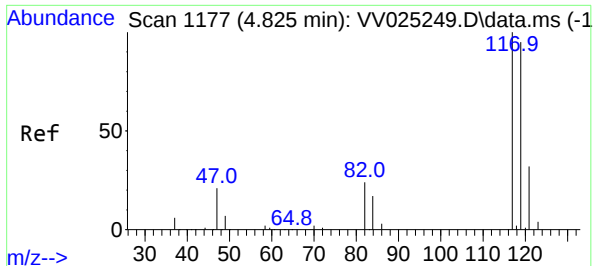
Ion Ratio Lower Upper

56 100

69 31.8 25.3 37.9

84 99.3 78.4 117.6

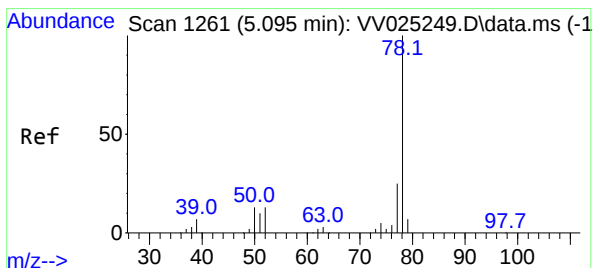
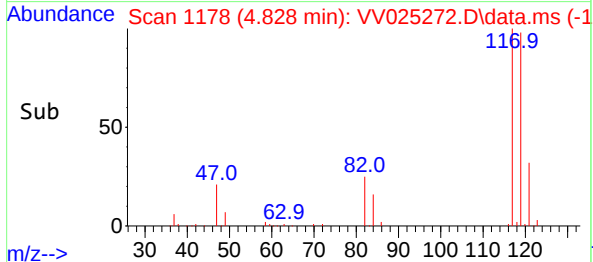
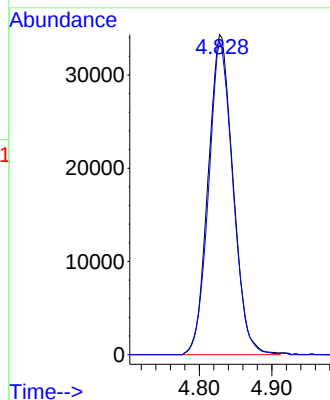
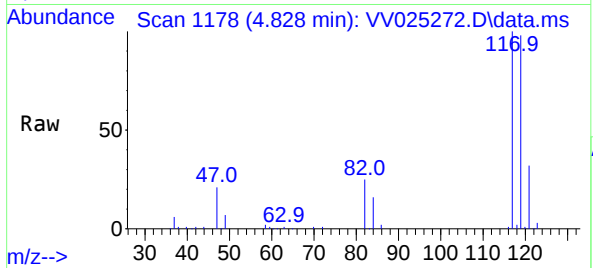




#31
Carbon tetrachloride
Concen: 5.450 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

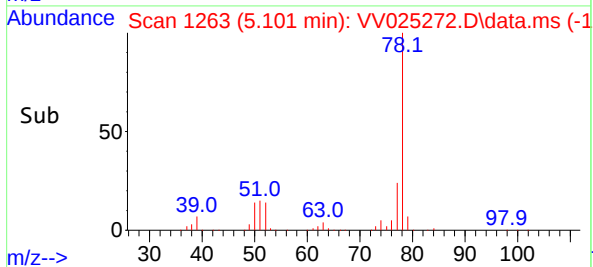
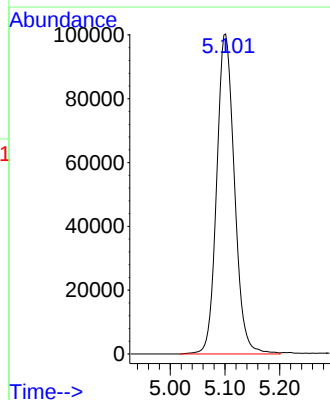
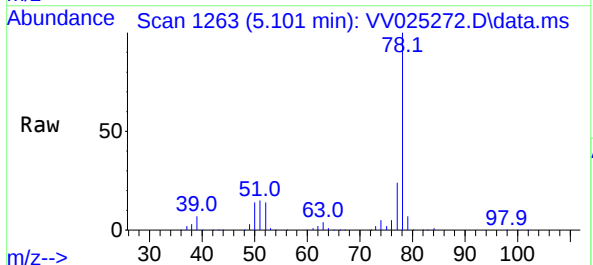
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

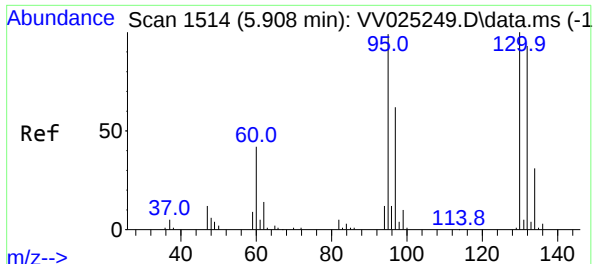
Tgt Ion:117 Resp: 81845
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.6



#33
Benzene
Concen: 5.371 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion: 78 Resp: 226052



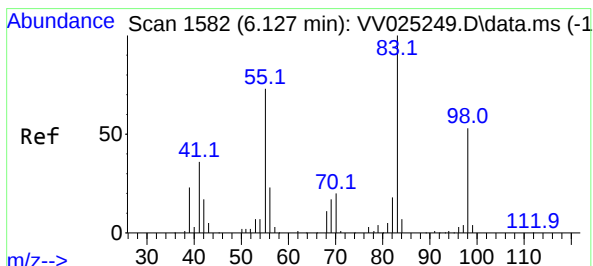
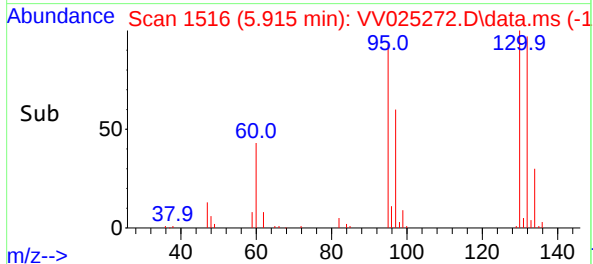
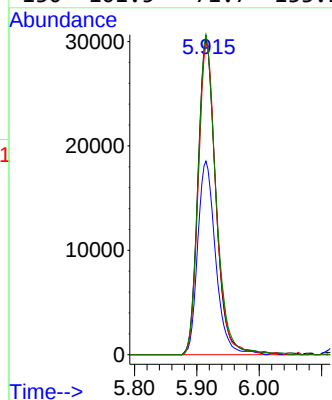
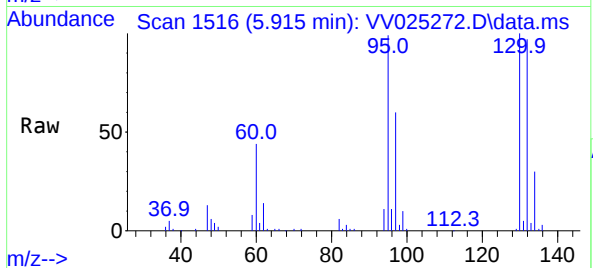


#34
Trichloroethene
Concen: 5.214 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

Tgt Ion: 95 Resp: 60257

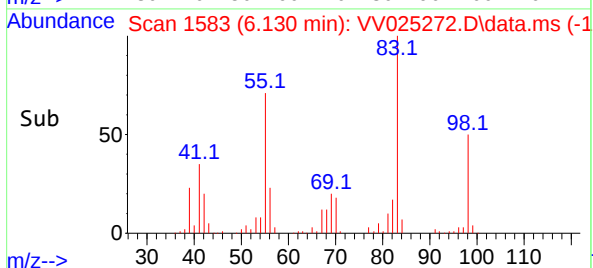
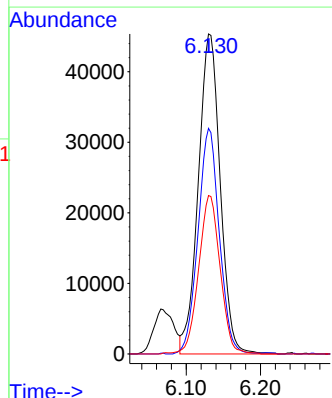
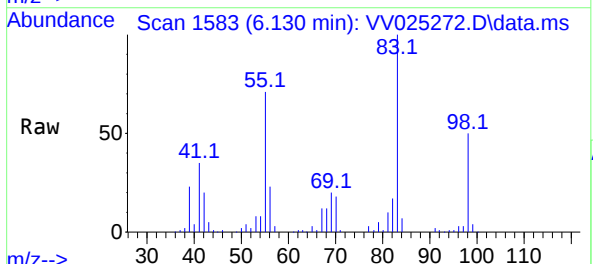
Ion	Ratio	Lower	Upper
95	100		
97	61.4	46.3	85.9
132	98.5	65.2	121.2
130	101.5	71.7	133.1

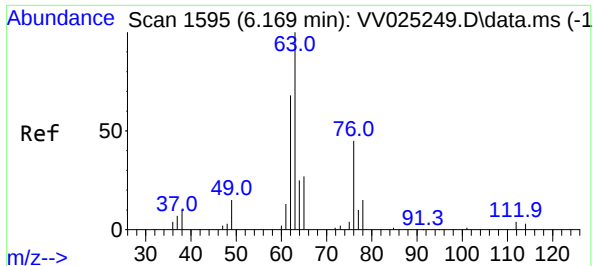


#35
Methylcyclohexane
Concen: 5.137 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion: 83 Resp: 93021

Ion	Ratio	Lower	Upper
83	100		
55	68.5	54.6	81.8
98	48.7	39.8	59.6





#37

1,2-Dichloropropane

Concen: 5.374 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

Instrument :

MSVOA_V

ClientSampleId :

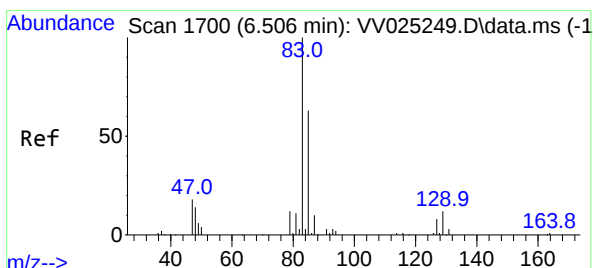
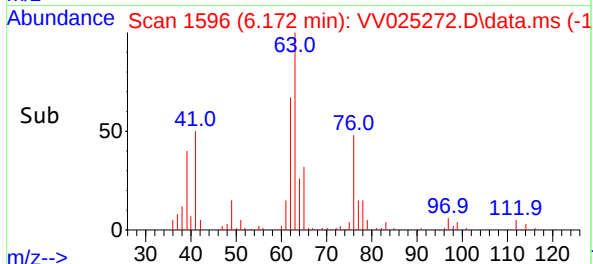
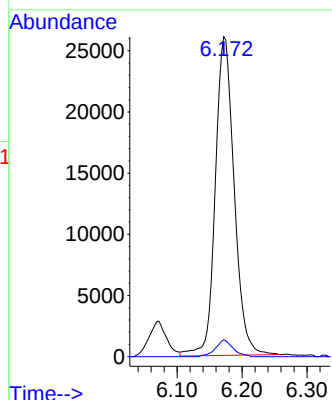
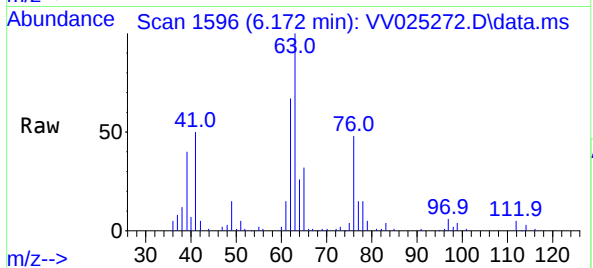
YAZ46MS

Tgt Ion: 63 Resp: 52460

Ion Ratio Lower Upper

63 100

112 4.9 4.2 6.2



#38

Bromodichloromethane

Concen: 5.453 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

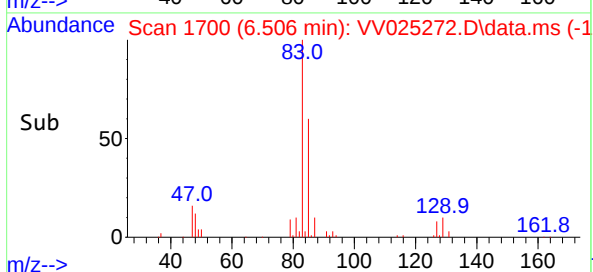
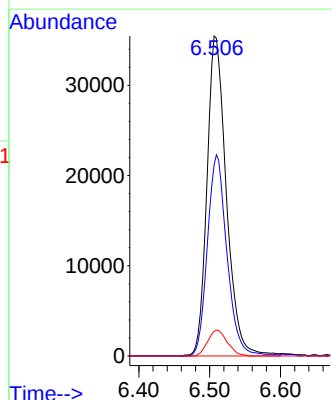
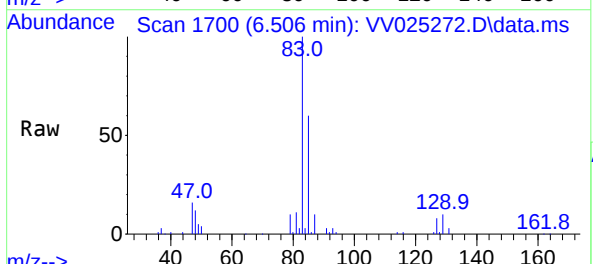
Tgt Ion: 83 Resp: 67439

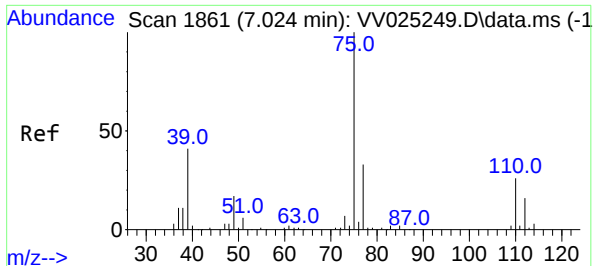
Ion Ratio Lower Upper

83 100

85 59.7 47.2 87.6

127 7.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.991 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

Instrument :

MSVOA_V

ClientSampleId :

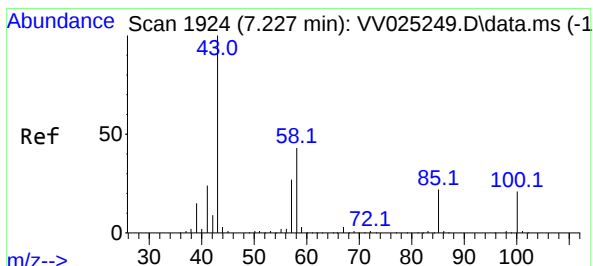
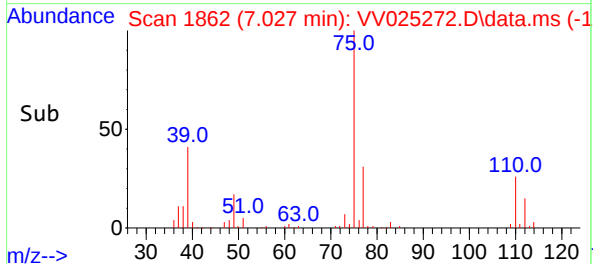
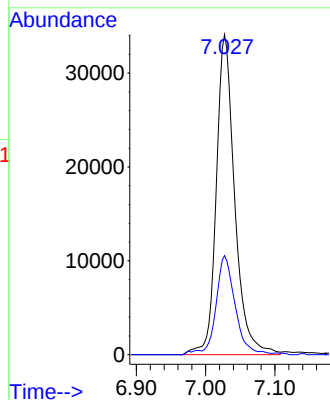
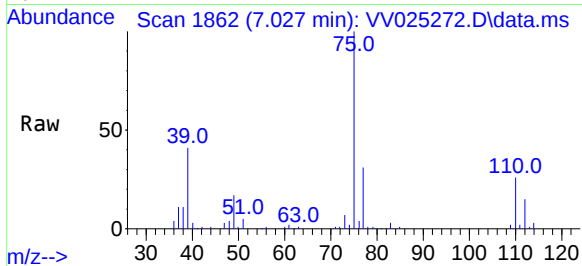
YAZ46MS

Tgt Ion: 75 Resp: 63181

Ion Ratio Lower Upper

75 100

77 31.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 53.699 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

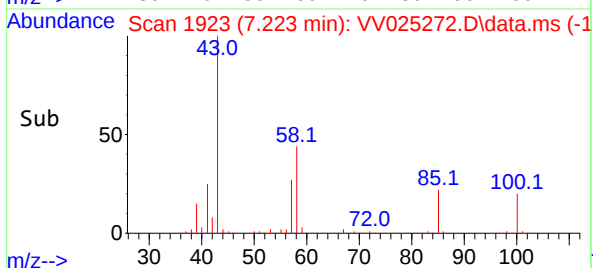
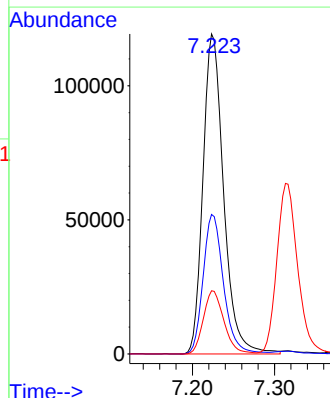
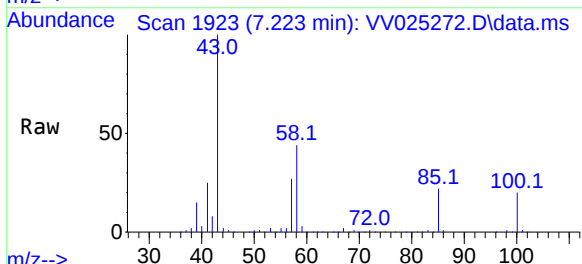
Tgt Ion: 43 Resp: 209307

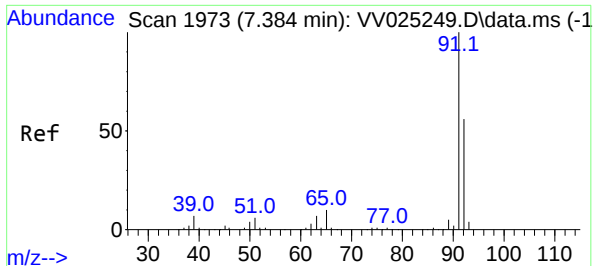
Ion Ratio Lower Upper

43 100

58 43.1 35.1 52.7

100 19.6 15.5 23.3





#42

Toluene

Concen: 5.555 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

Instrument :

MSVOA_V

ClientSampleId :

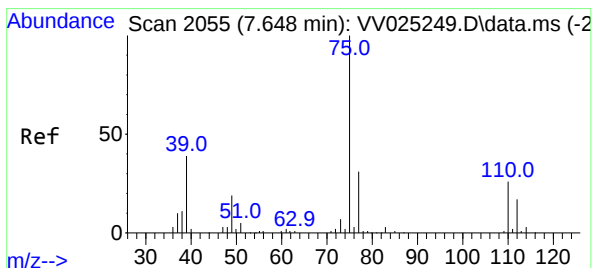
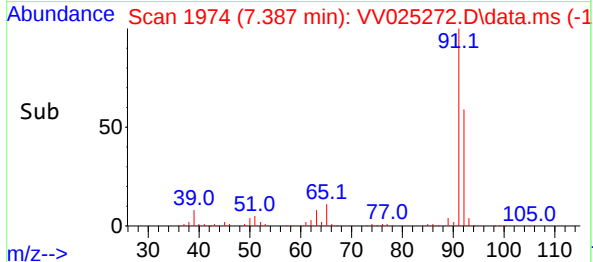
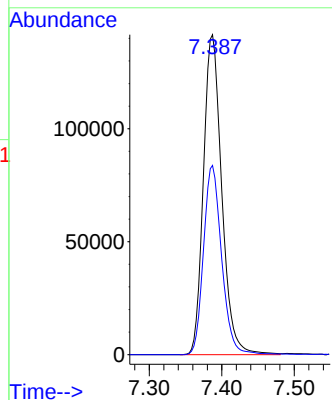
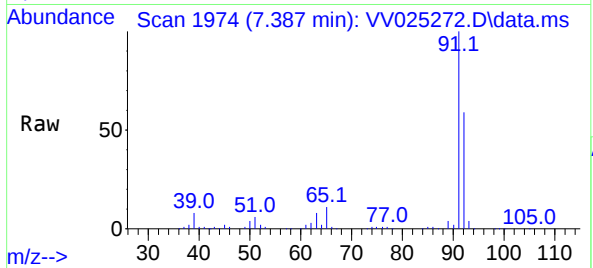
YAZ46MS

Tgt Ion: 91 Resp: 249583

Ion Ratio Lower Upper

91 100

92 59.1 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.183 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025272.D

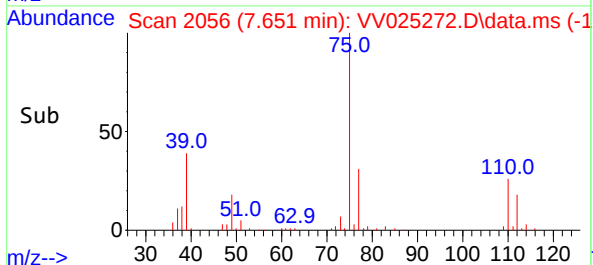
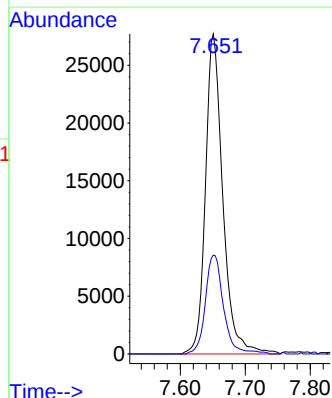
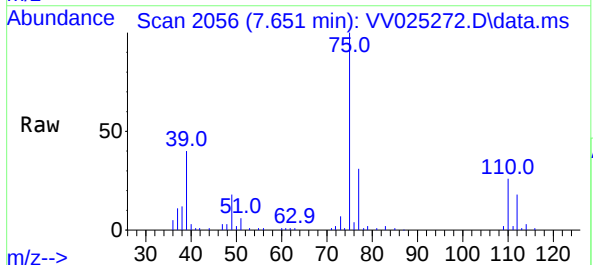
Acq: 28 Mar 2022 19:28

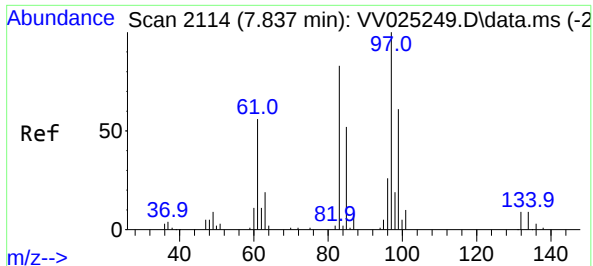
Tgt Ion: 75 Resp: 51579

Ion Ratio Lower Upper

75 100

77 30.9 24.2 45.0



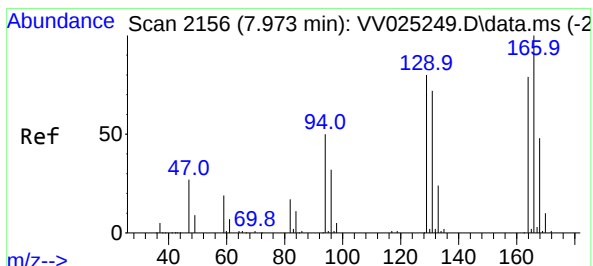
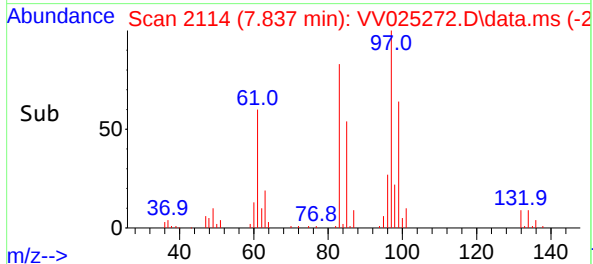
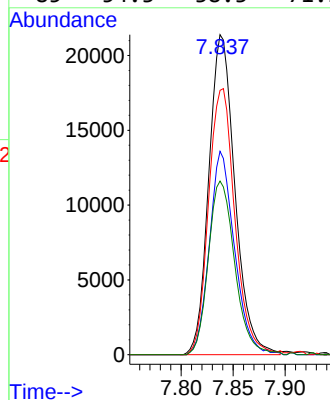
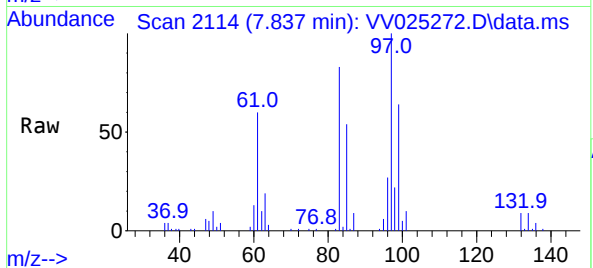


#45
1,1,2-Trichloroethane
Concen: 5.594 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

Tgt Ion: 97 Resp: 37388

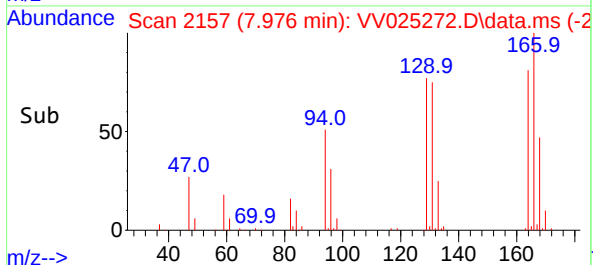
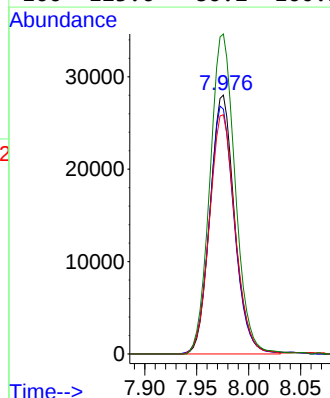
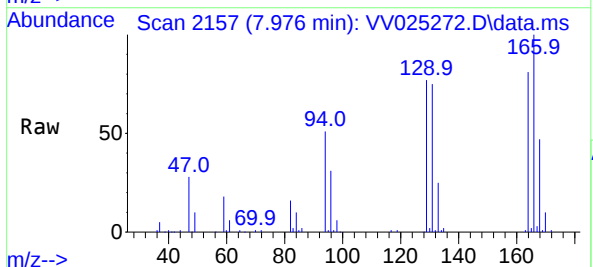
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.3	80.5
83	82.6	58.0	107.6
85	54.3	38.3	71.1

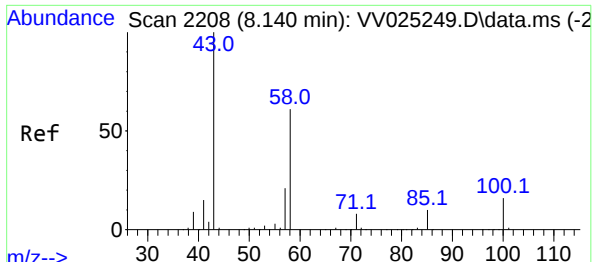


#47
Tetrachloroethene
Concen: 5.396 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion:164 Resp: 45984

Ion	Ratio	Lower	Upper
164	100		
129	94.6	67.5	125.4
131	92.4	68.0	126.4
166	123.6	86.2	160.2

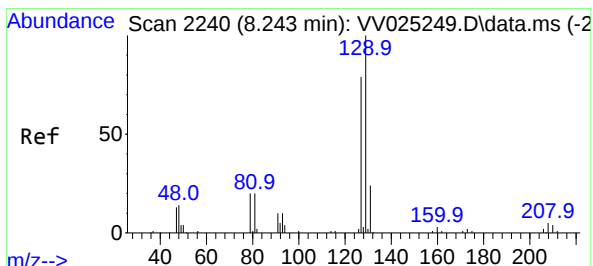
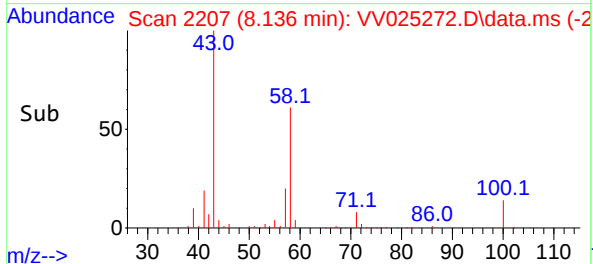
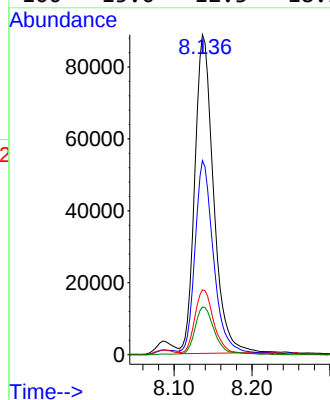
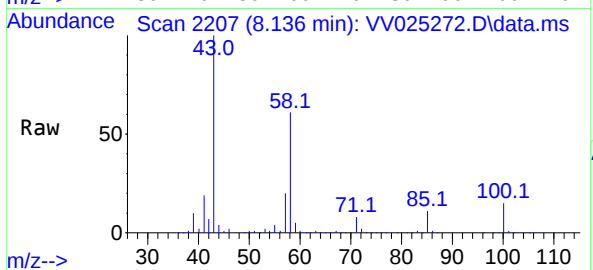




#48
2-Hexanone
Concen: 53.165 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

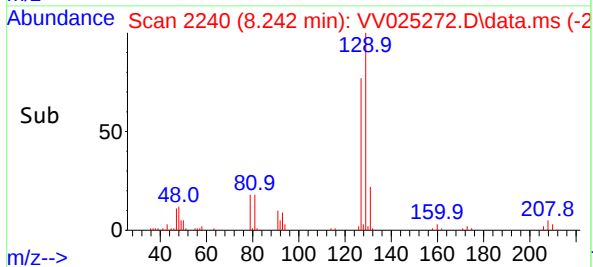
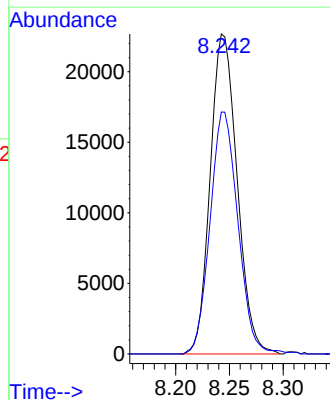
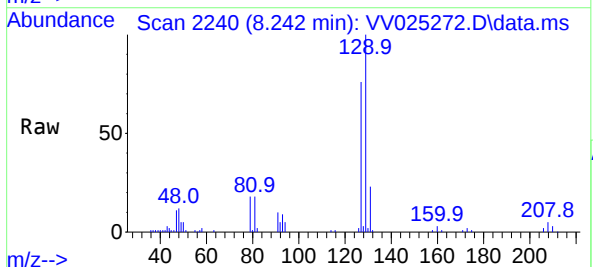
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

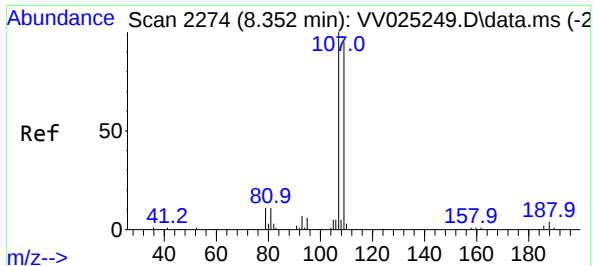
Tgt Ion: 43 Resp: 148213
Ion Ratio Lower Upper
43 100
58 60.2 48.5 72.7
57 20.6 16.9 25.3
100 15.0 12.3 18.5



#49
Dibromochloromethane
Concen: 5.487 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion: 129 Resp: 39470
Ion Ratio Lower Upper
129 100
127 75.6 54.1 100.5





#50

1,2-Dibromoethane

Concen: 5.420 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

Instrument :

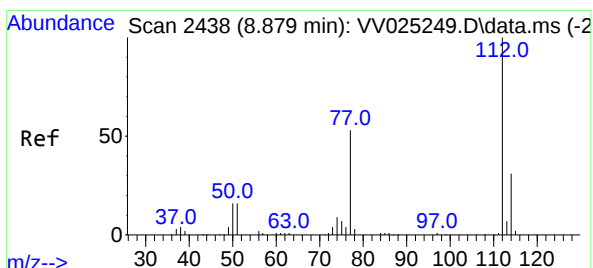
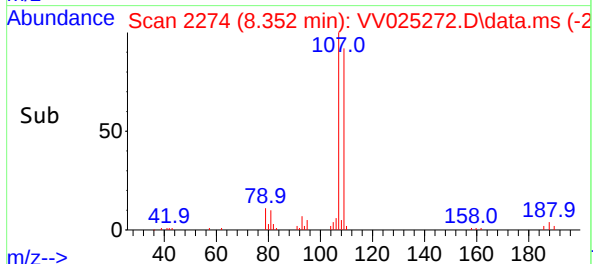
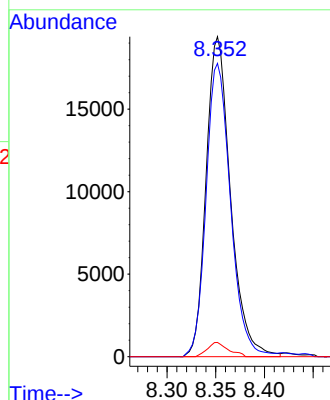
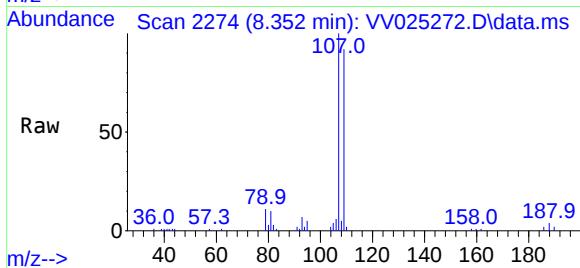
MSVOA_V

ClientSampleId :

YAZ46MS

Tgt Ion:107 Resp: 33750

Ion	Ratio	Lower	Upper
107	100		
109	91.7	64.7	120.1
188	4.5	2.2	3.4#



#51

Chlorobenzene

Concen: 5.389 ug/L

RT: 8.879 min Scan# 2438

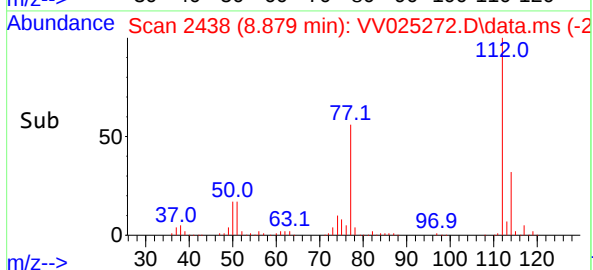
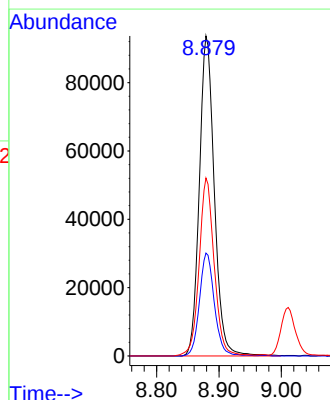
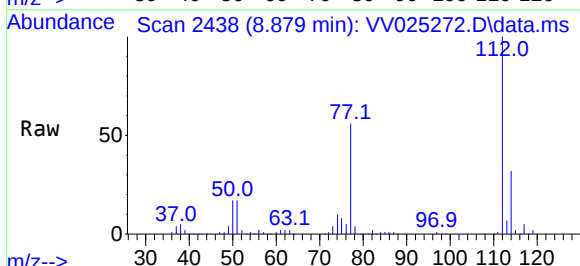
Delta R.T. -0.000 min

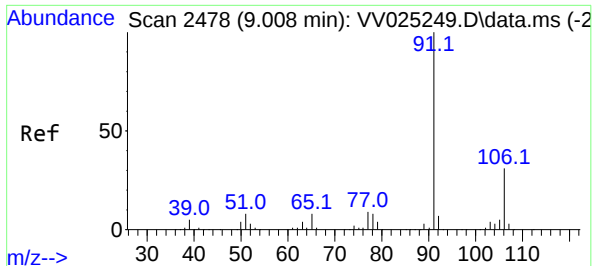
Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

Tgt Ion:112 Resp: 156351

Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.9	40.7
77	55.6	44.2	66.4

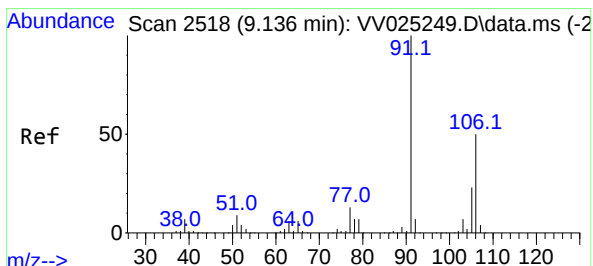
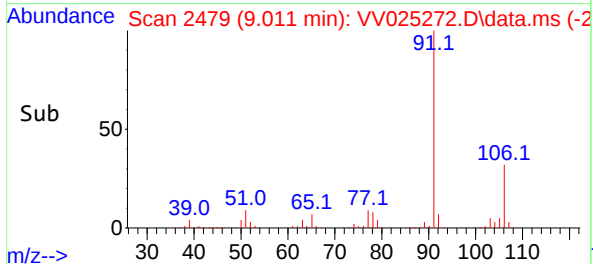
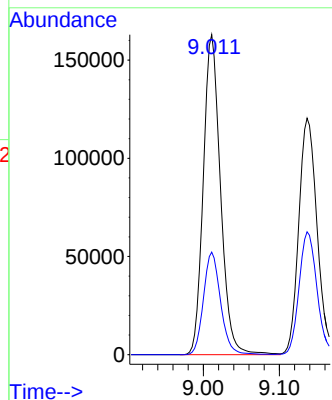
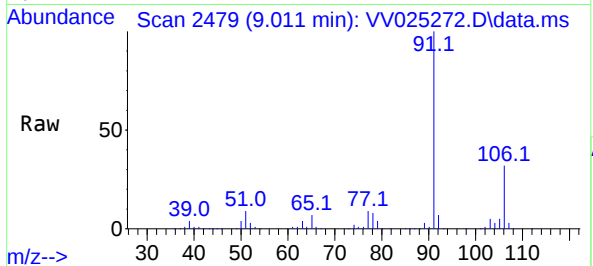




#52
Ethylbenzene
Concen: 5.379 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

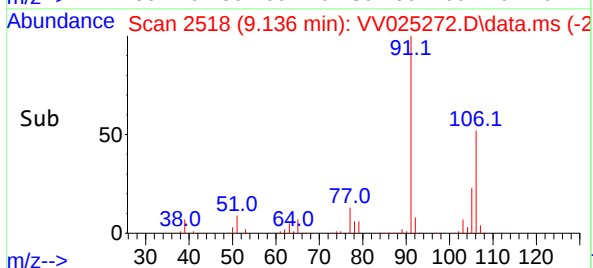
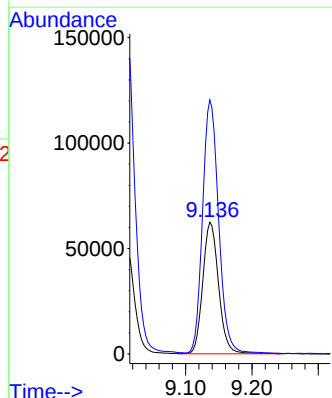
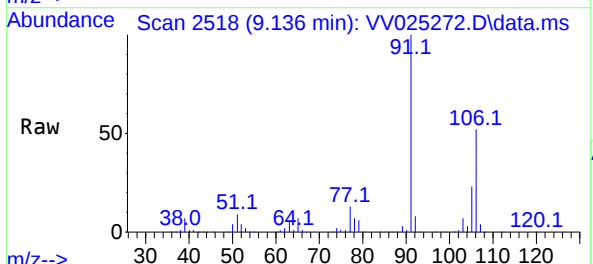
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

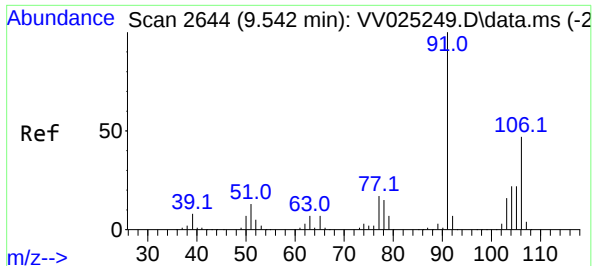
Tgt Ion: 91 Resp: 256314
Ion Ratio Lower Upper
91 100
106 32.1 21.7 40.3



#53
m,p-Xylene
Concen: 5.567 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion: 106 Resp: 103172
Ion Ratio Lower Upper
106 100
91 192.6 136.8 254.0

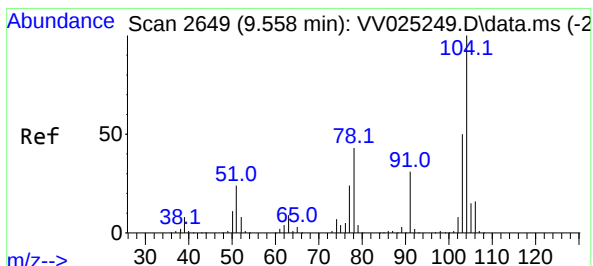
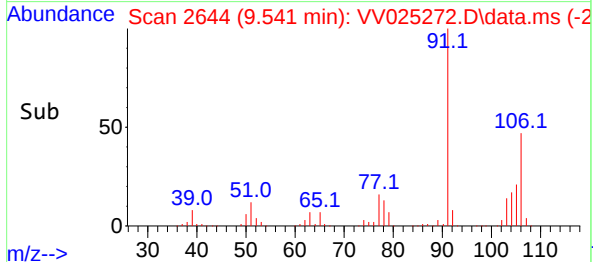
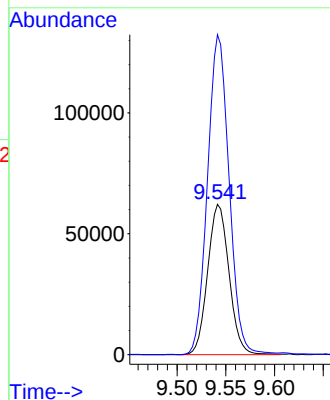
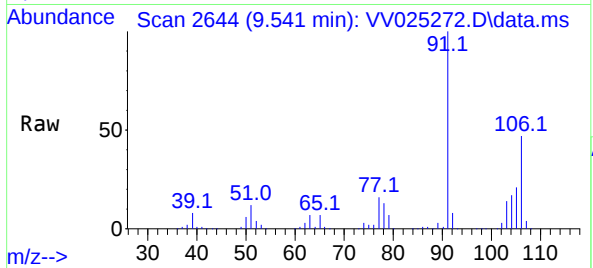




#54
o-Xylene
Concen: 5.353 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

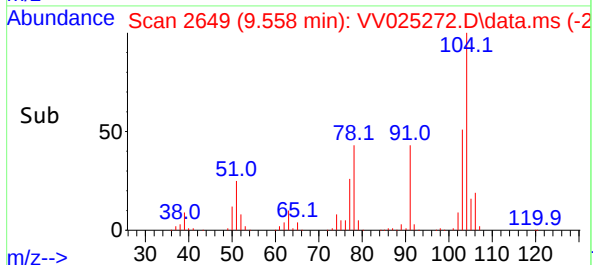
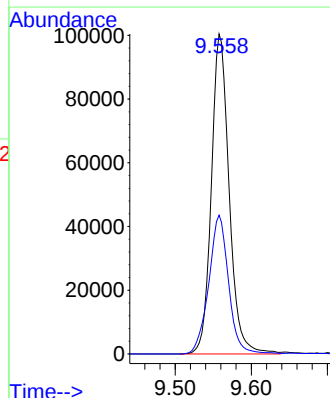
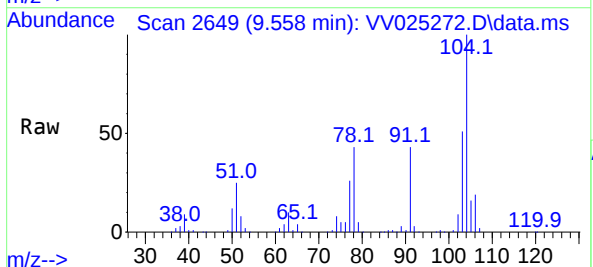
Instrument : MSVOA_V
ClientSampleId : YAZ46MS

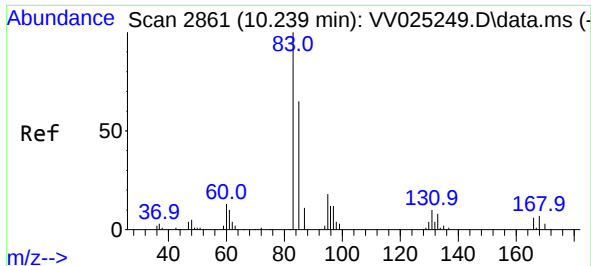
Tgt Ion:106 Resp: 94835
Ion Ratio Lower Upper
106 100
91 212.7 143.0 265.6



#55
Styrene
Concen: 5.602 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion:104 Resp: 163187
Ion Ratio Lower Upper
104 100
78 43.3 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.491 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

Instrument :

MSVOA_V

ClientSampleId :

YAZ46MS

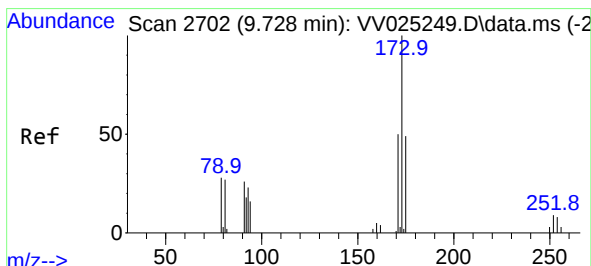
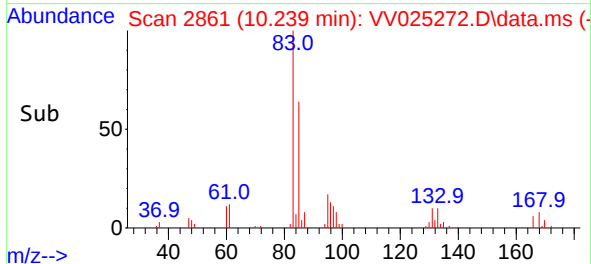
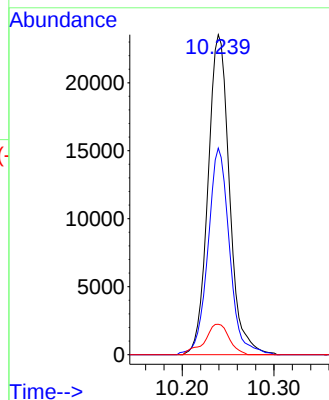
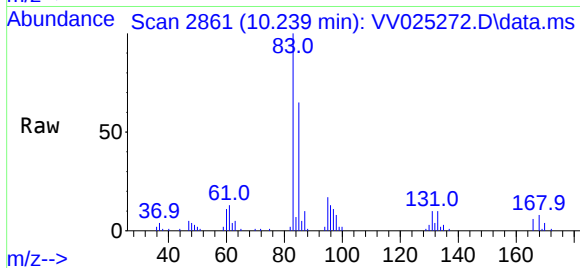
Tgt Ion: 83 Resp: 38261

Ion Ratio Lower Upper

83 100

85 64.6 46.2 85.8

131 9.5 8.1 12.1



#59

Bromoform

Concen: 5.614 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV025272.D

Acq: 28 Mar 2022 19:28

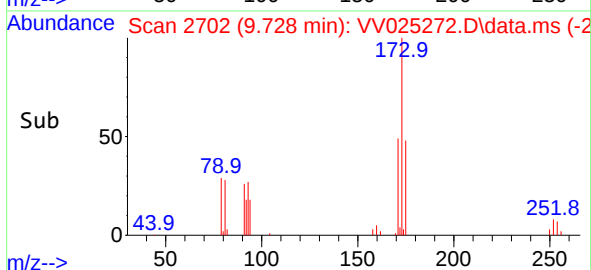
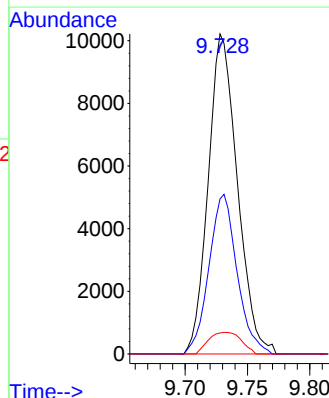
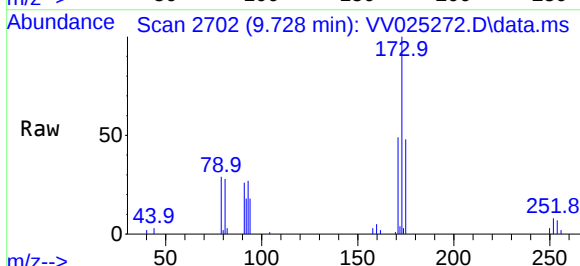
Tgt Ion: 173 Resp: 16614

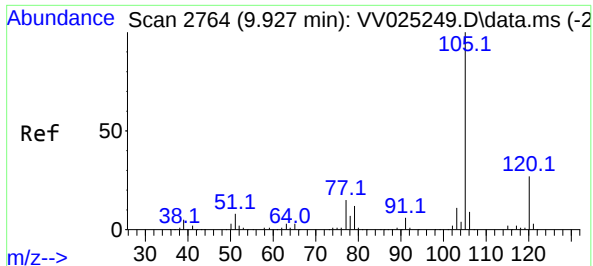
Ion Ratio Lower Upper

173 100

175 48.2 39.4 59.0

254 7.6 5.6 8.4

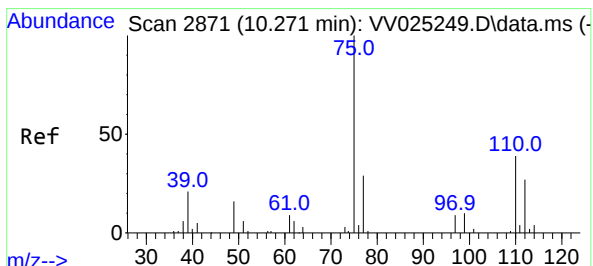
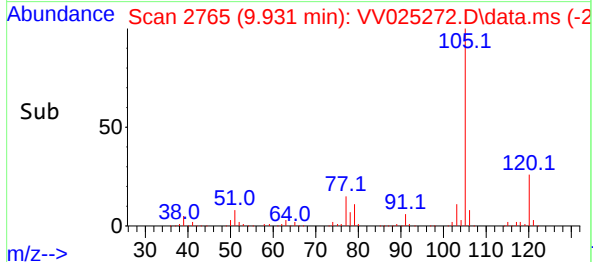
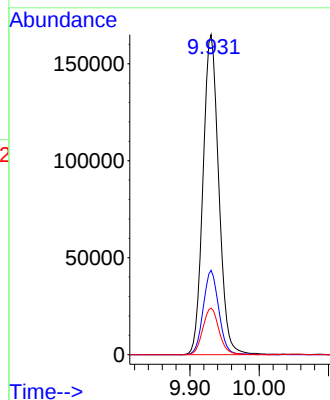
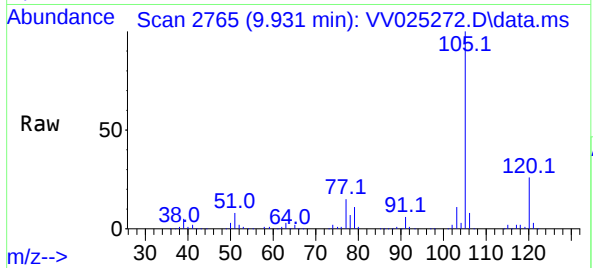




#60
Isopropylbenzene
Concen: 5.428 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

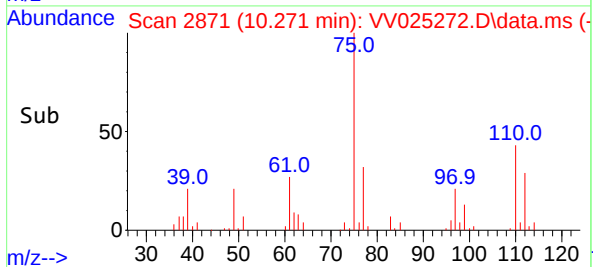
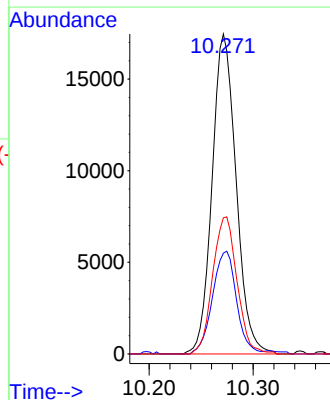
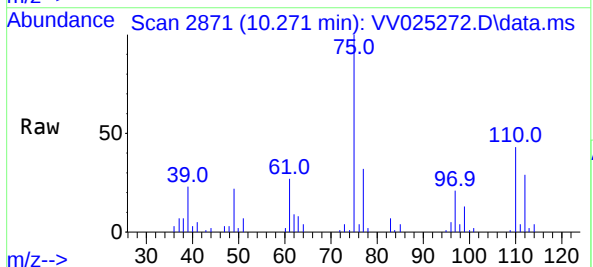
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

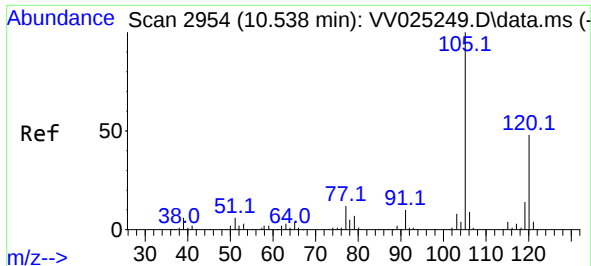
Tgt Ion:105 Resp: 260663
Ion Ratio Lower Upper
105 100
120 26.0 21.1 31.7
77 15.0 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.119 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion: 75 Resp: 28043
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6
110 43.5 31.6 47.4

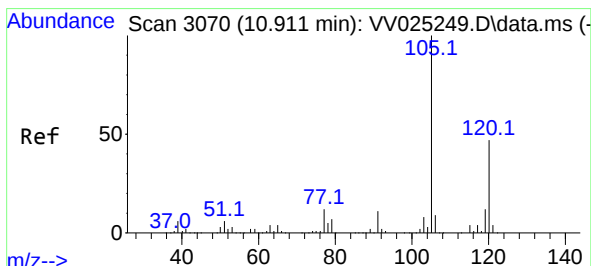
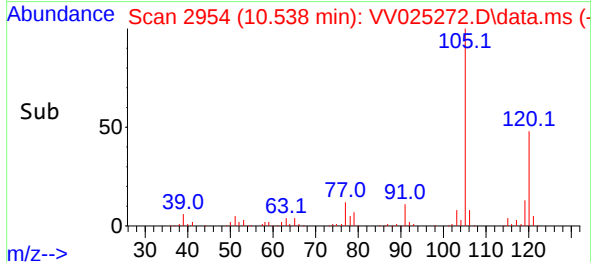
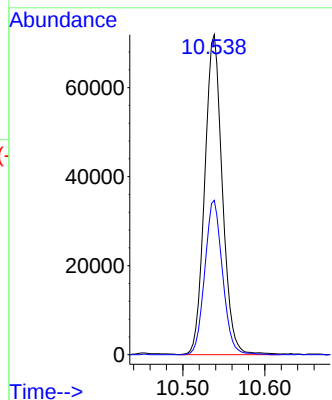
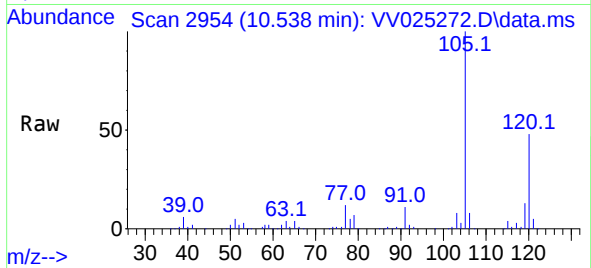




#62
1,3,5-Trimethylbenzene
Concen: 5.001 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

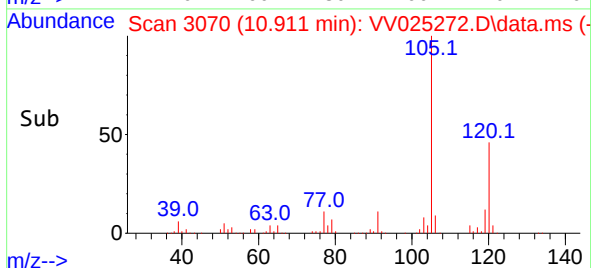
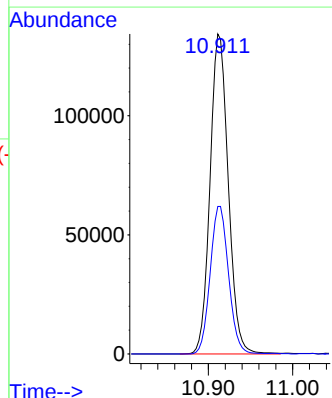
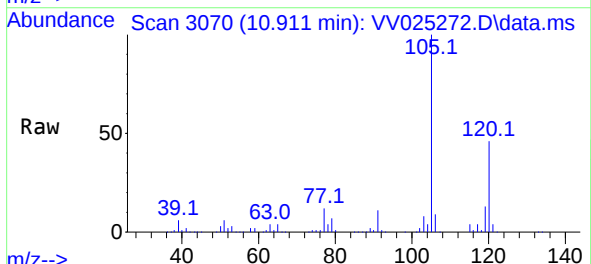
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

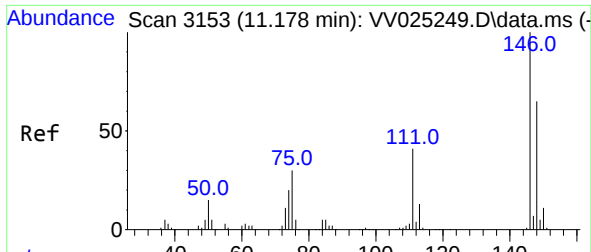
Tgt Ion:105 Resp: 107688
Ion Ratio Lower Upper
105 100
120 48.5 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 5.251 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion:105 Resp: 201733
Ion Ratio Lower Upper
105 100
120 46.5 36.5 54.7

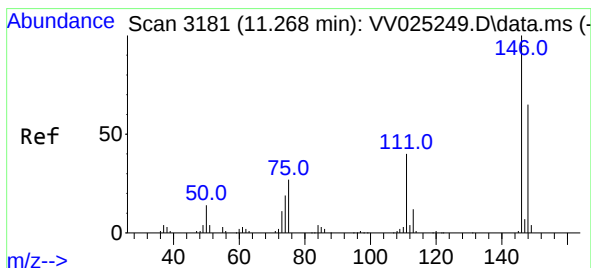
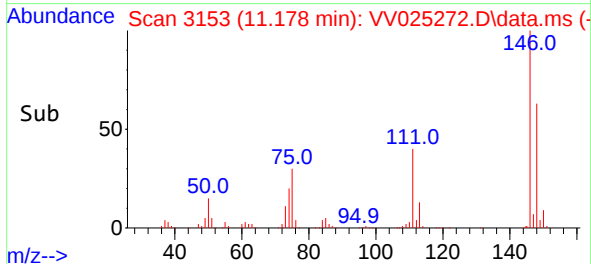
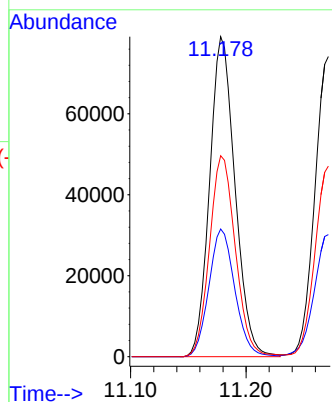
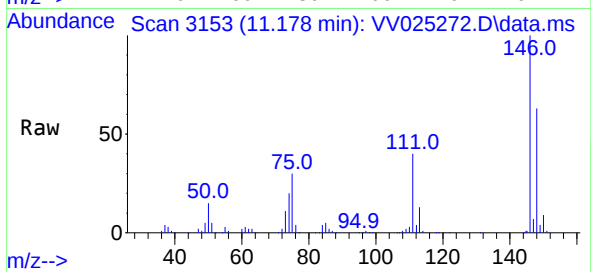




#64
1,3-Dichlorobenzene
Concen: 5.367 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

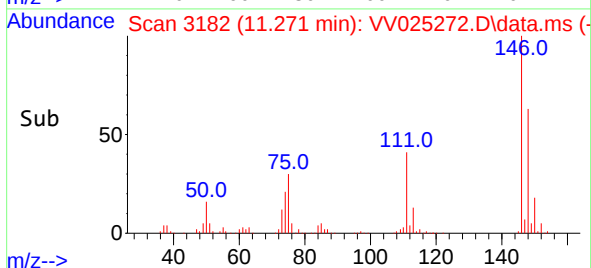
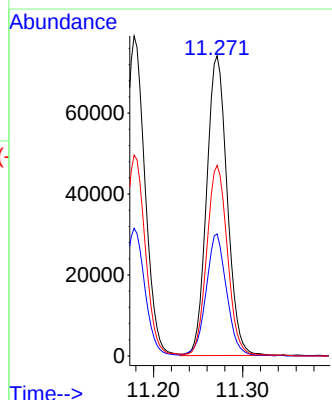
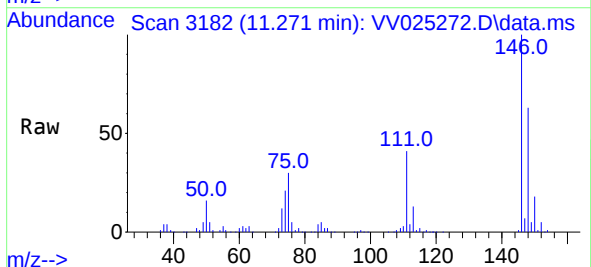
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

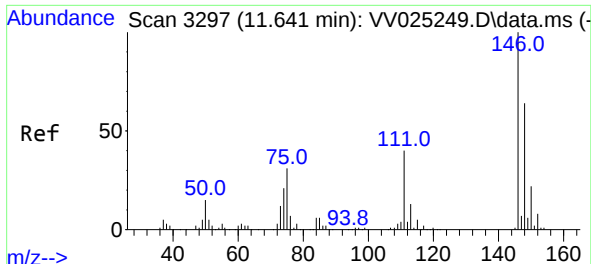
Tgt Ion:146 Resp: 120700
Ion Ratio Lower Upper
146 100
111 39.9 29.0 53.8
148 62.8 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.261 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion:146 Resp: 118489
Ion Ratio Lower Upper
146 100
111 40.7 27.9 51.9
148 63.5 45.6 84.8

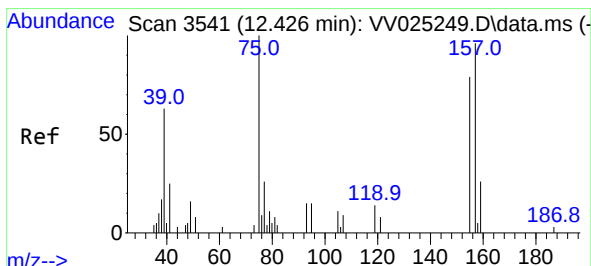
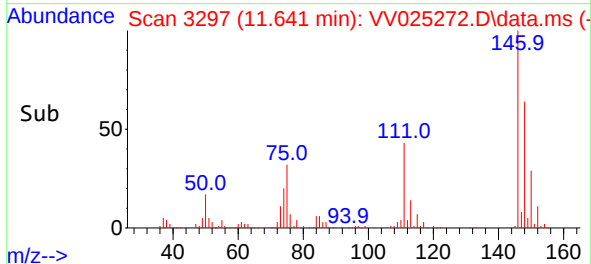
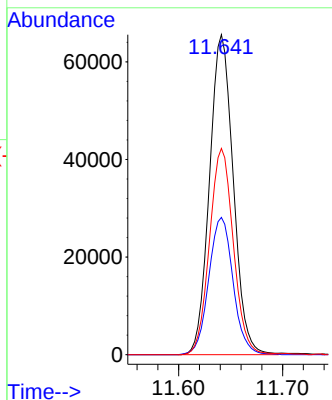
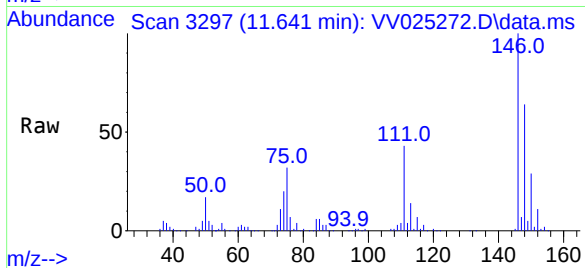




#67
1,2-Dichlorobenzene
Concen: 5.266 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

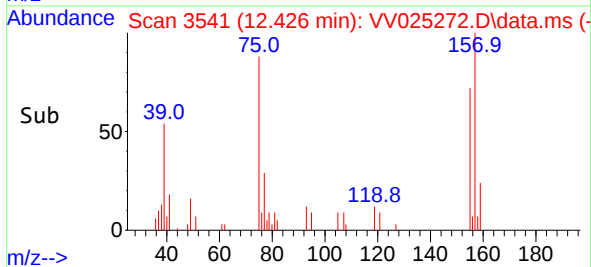
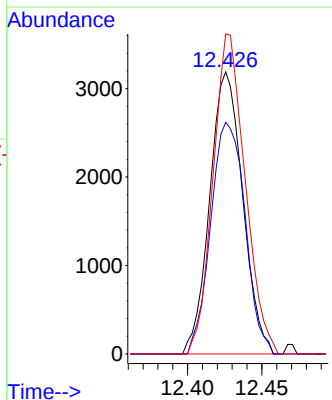
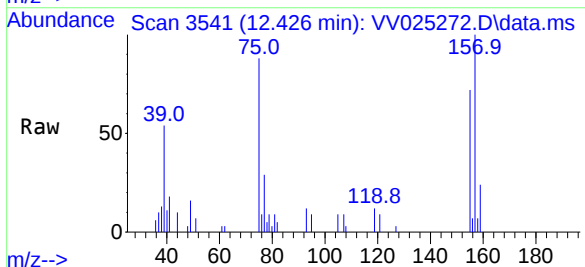
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

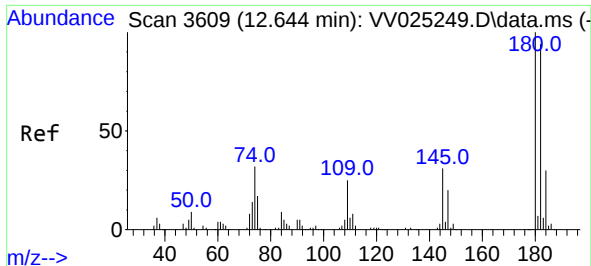
Tgt Ion:146 Resp: 104211
Ion Ratio Lower Upper
146 100
111 42.9 33.0 49.6
148 64.5 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.015 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion: 75 Resp: 4919
Ion Ratio Lower Upper
75 100
155 82.1 80.0 120.0
157 113.5 94.5 141.7



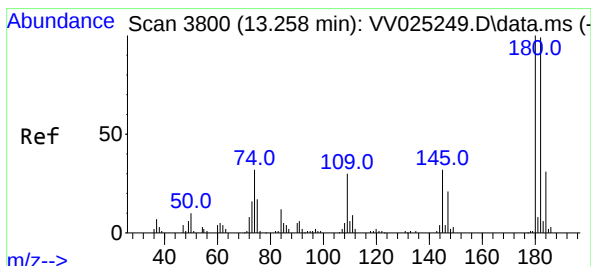
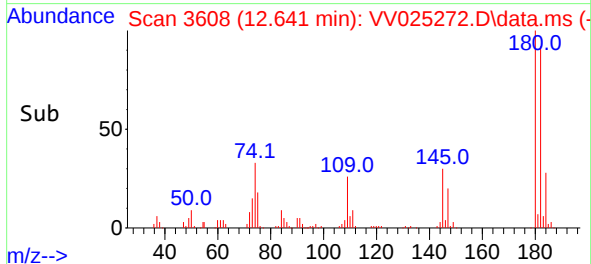
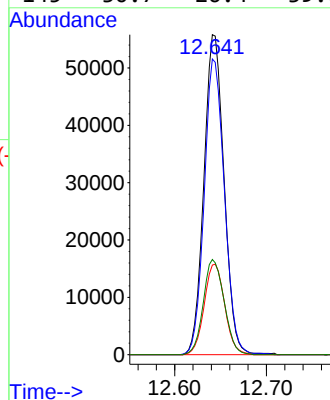
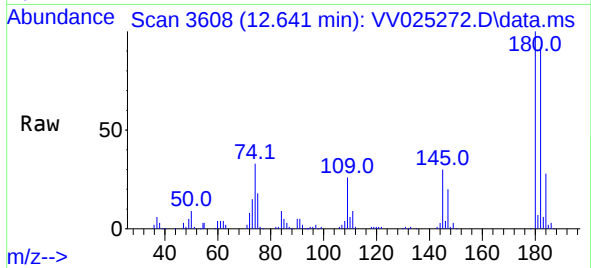


#69
1,3,5-Trichlorobenzene
Concen: 5.251 ug/L
RT: 12.641 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

Tgt Ion:180 Resp: 85182

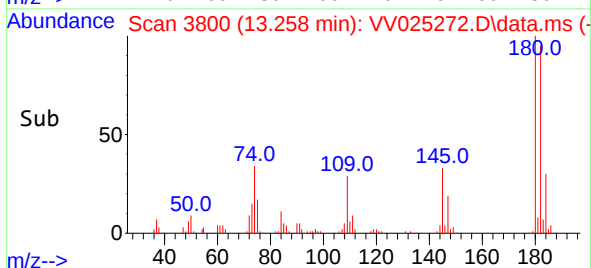
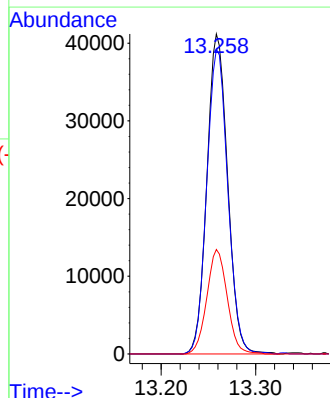
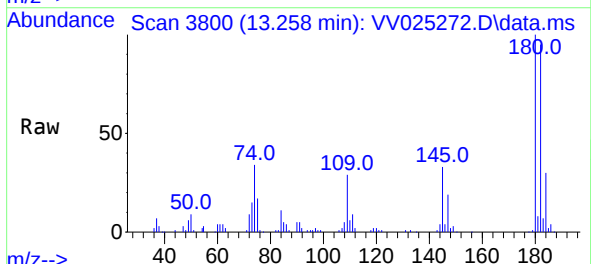
Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.1	115.7
184	28.8	23.6	35.4
145	30.7	26.4	39.6

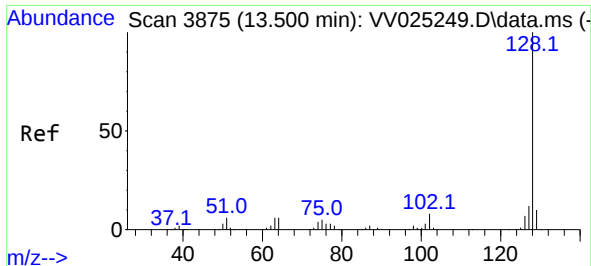


#70
1,2,4-trichlorobenzene
Concen: 5.116 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion:180 Resp: 62627

Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.5	116.3
145	32.2	26.2	39.4

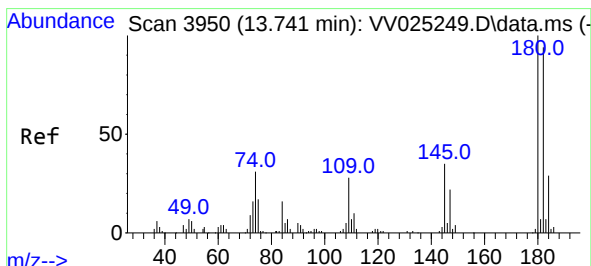
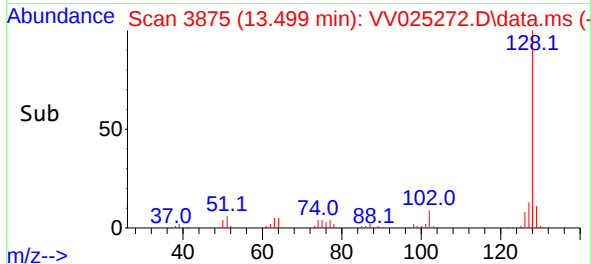
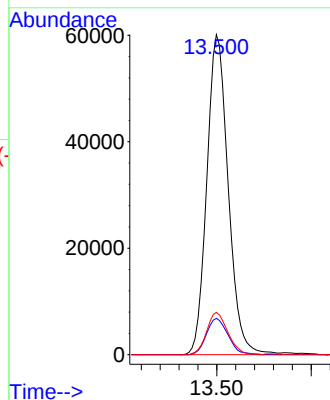
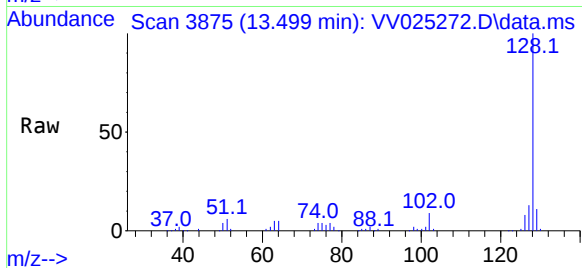




#71
Naphthalene
Concen: 4.958 ug/L
RT: 13.499 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Instrument :
MSVOA_V
ClientSampleId :
YAZ46MS

Tgt Ion:	128	Resp:	94585
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.1	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.391 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025272.D
Acq: 28 Mar 2022 19:28

Tgt Ion:	180	Resp:	56852
Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.8	113.6
145	33.0	28.6	42.8

