

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
 Data File : VV027399.D
 Acq On : 15 Aug 2022 20:07
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 16 00:26:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	154979	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	166136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	87921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	44136	3.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.561	69	36654	3.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.101	63	90297	3.698	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	3.892	46	110825	48.601	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.200%
24) Chloroform-d	4.342	84	114025	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.031	65	55143	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.043	84	198045	4.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.066	67	65750	4.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.313	98	188696	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.622	79	23478	4.473	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.088	63	103756	51.079	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	54589	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	67520	4.449	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	89909	4.882	ug/L	98
3) Chloromethane	1.236	50	75530	4.100	ug/L	96
5) Vinyl chloride	1.304	62	74214	4.319	ug/L	99
6) Bromomethane	1.516	94	29935	3.731	ug/L	97
8) Chloroethane	1.581	64	44499	4.658	ug/L	98
9) Trichlorofluoromethane	1.748	101	111360	4.854	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	53991	5.011	ug/L	98
12) 1,1-Dichloroethene	2.111	96	51497	4.614	ug/L	91
13) Acetone	2.179	43	63249	37.534	ug/L	98
14) Carbon disulfide	2.285	76	184503	4.129	ug/L	98
15) Methyl Acetate	2.436	43	17352	4.229	ug/L	99
16) Methylene chloride	2.500	84	74278	4.144	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	125632	4.823	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	63631	4.635	ug/L	99
19) 1,1-Dichloroethane	3.185	63	130277	4.957	ug/L	99
21) 2-Butanone	3.976	43	107062	46.661	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	64921	4.809	ug/L	99
23) Bromochloromethane	4.243	128	29990	4.753	ug/L	98
25) Chloroform	4.368	83	137549	5.094	ug/L	98

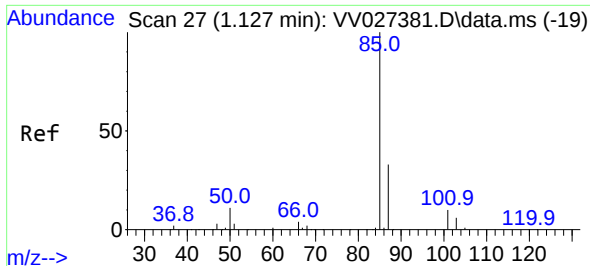
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
 Data File : VV027399.D
 Acq On : 15 Aug 2022 20:07
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 16 00:26:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	75149	4.869	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	116771	4.994	ug/L	99
30) Cyclohexane	4.670	56	89622	4.732	ug/L	99
31) Carbon tetrachloride	4.822	117	102617	5.043	ug/L	100
33) Benzene	5.095	78	269065	4.738	ug/L	100
34) Trichloroethene	5.908	95	65800	4.655	ug/L	98
35) Methylcyclohexane	6.127	83	90415	4.646	ug/L	99
37) 1,2-Dichloropropane	6.169	63	71887	5.122	ug/L	99
38) Bromodichloromethane	6.506	83	93797	5.185	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	86318	5.031	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	364039	50.258	ug/L	100
42) Toluene	7.384	91	295630	5.218	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	74465	4.961	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	49224	4.919	ug/L	98
47) Tetrachloroethene	7.973	164	54918	4.948	ug/L	97
48) 2-Hexanone	8.140	43	274851	52.878	ug/L	98
49) Dibromochloromethane	8.243	129	58340	4.981	ug/L	94
50) 1,2-Dibromoethane	8.352	107	42455	4.772	ug/L	96
51) Chlorobenzene	8.879	112	185312	5.022	ug/L	99
52) Ethylbenzene	9.011	91	289359	5.083	ug/L	99
53) m,p-Xylene	9.136	106	113383	5.223	ug/L	98
54) o-Xylene	9.542	106	107233	5.050	ug/L	99
55) Styrene	9.561	104	193869	5.309	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	56489	5.065	ug/L	96
59) Bromoform	9.731	173	28827	4.862	ug/L	98
60) Isopropylbenzene	9.931	105	290348	5.243	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	39188	4.628	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	74986	4.899	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	217905	4.966	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	143059	5.170	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	144501	5.190	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	130786	5.075	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	8545	4.831	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	97782	4.901	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	72784	4.881	ug/L	98
71) Naphthalene	13.500	128	101439	4.403	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	66129	4.758	ug/L	96

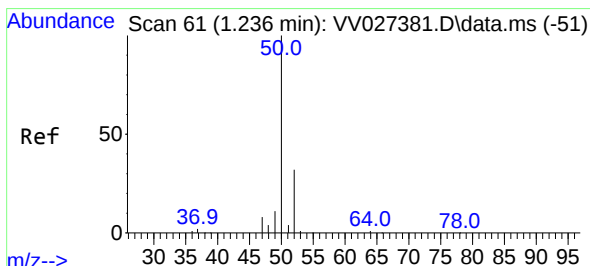
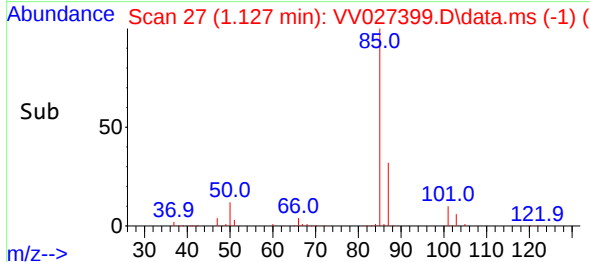
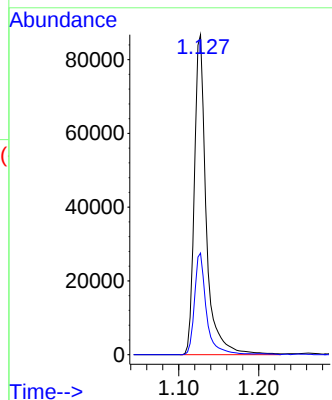
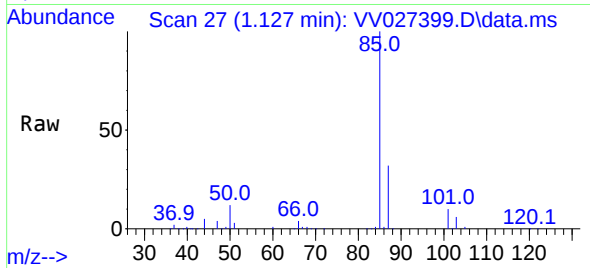
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.882 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027399.D
 Acq: 15 Aug 2022 20:07

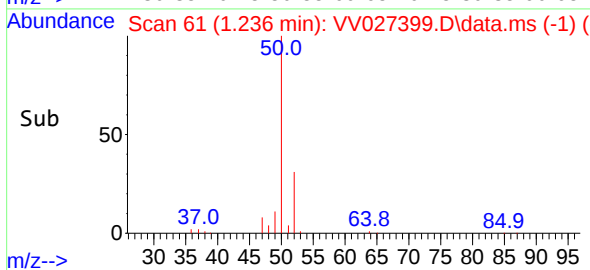
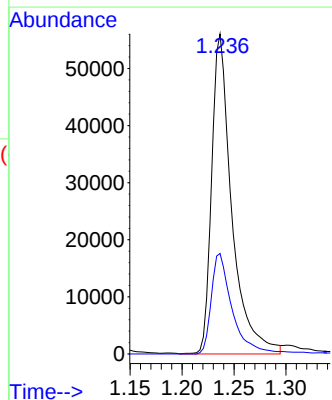
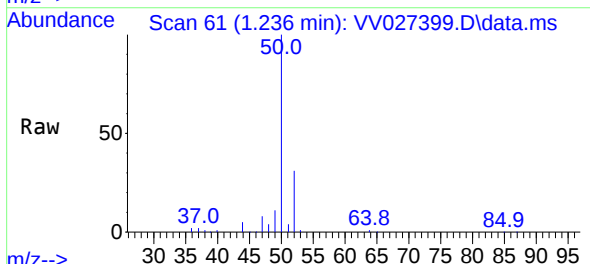
Instrument :
 MSVOA_V
 ClientSampleId :

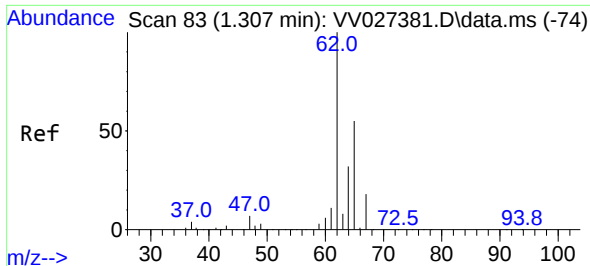
Tgt Ion: 85 Resp: 89909
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.2 39.4



#3
 Chloromethane
 Concen: 4.100 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027399.D
 Acq: 15 Aug 2022 20:07

Tgt Ion: 50 Resp: 75530
 Ion Ratio Lower Upper
 50 100
 52 31.4 23.4 43.4

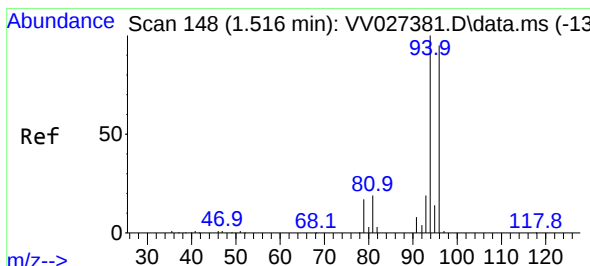
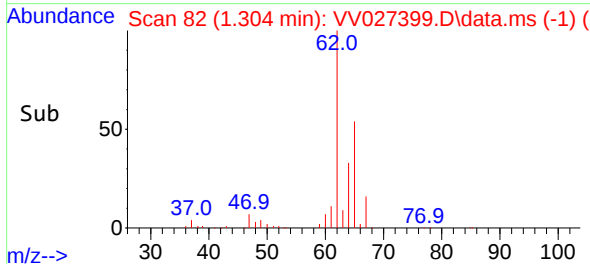
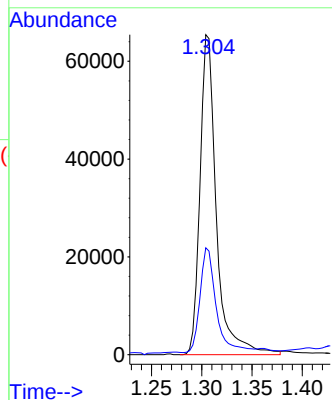
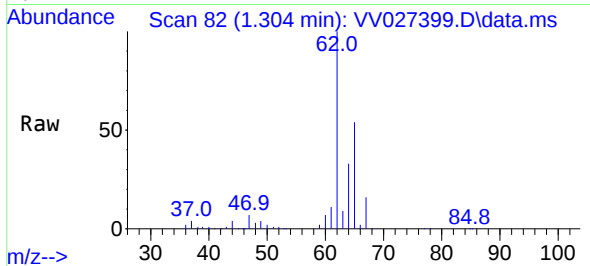




#5
 Vinyl chloride
 Concen: 4.319 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027399.D
 Acq: 15 Aug 2022 20:07

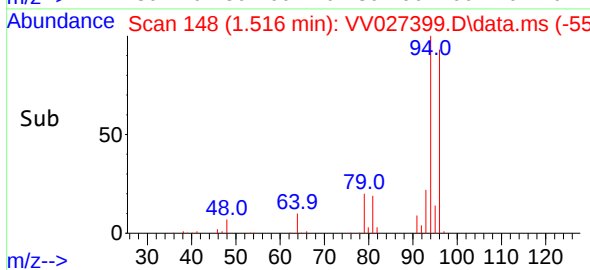
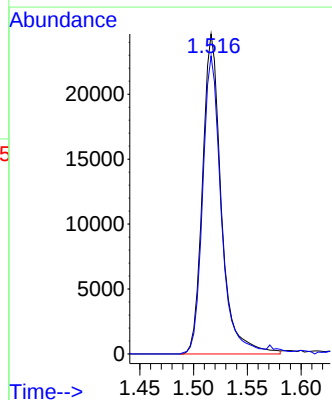
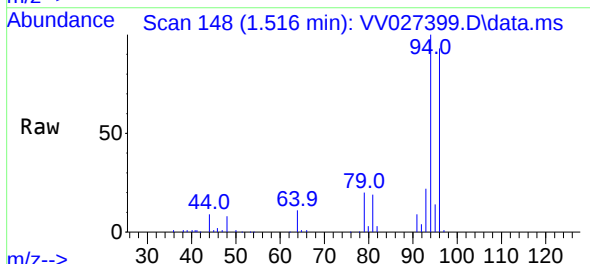
Instrument :
 MSVOA_V
 ClientSampleId :

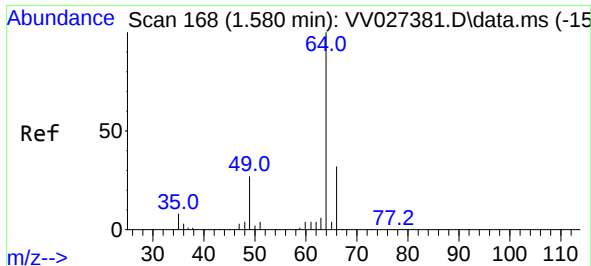
Tgt Ion: 62 Resp: 74214
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.7 44.1



#6
 Bromomethane
 Concen: 3.731 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV027399.D
 Acq: 15 Aug 2022 20:07

Tgt Ion: 94 Resp: 29935
 Ion Ratio Lower Upper
 94 100
 96 93.1 67.2 124.8

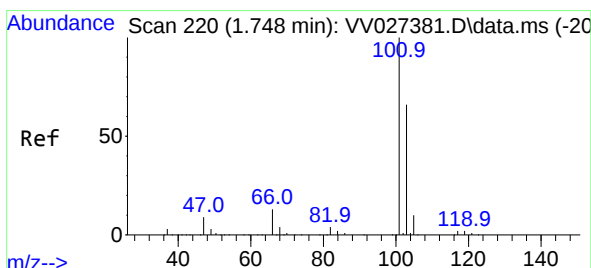
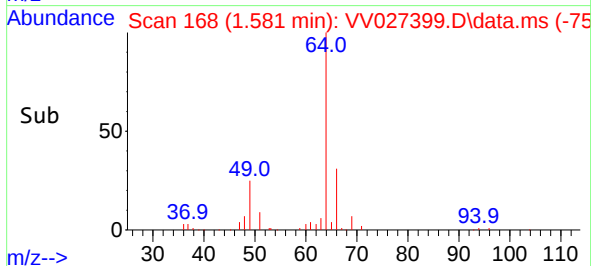
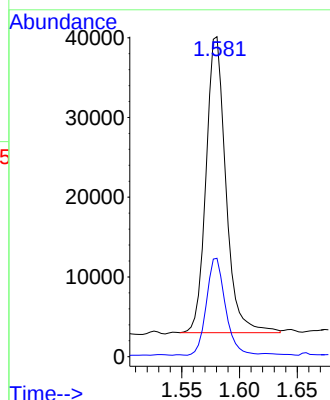
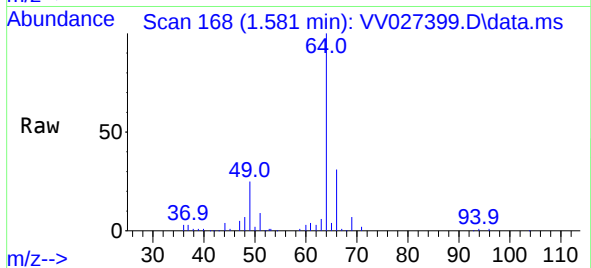




#8
Chloroethane
Concen: 4.658 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

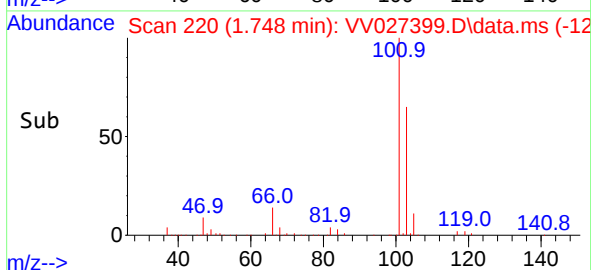
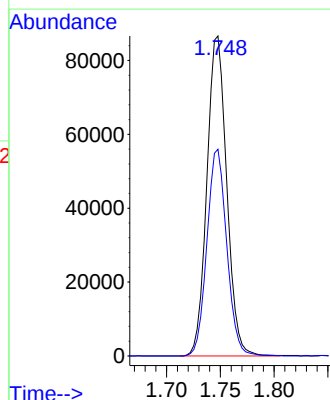
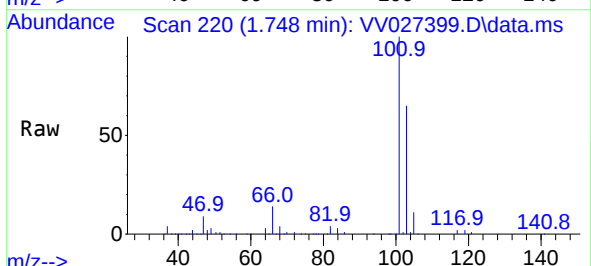
Instrument :
MSVOA_V
ClientSampleId :

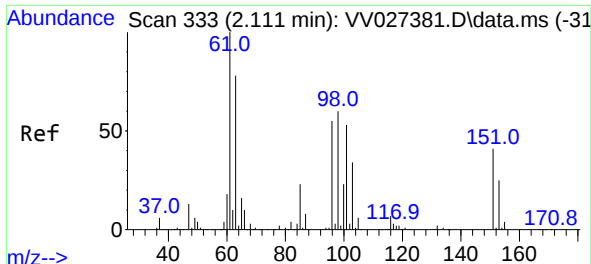
Tgt Ion: 64 Resp: 44499
Ion Ratio Lower Upper
64 100
66 30.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.854 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Tgt Ion:101 Resp: 111360
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

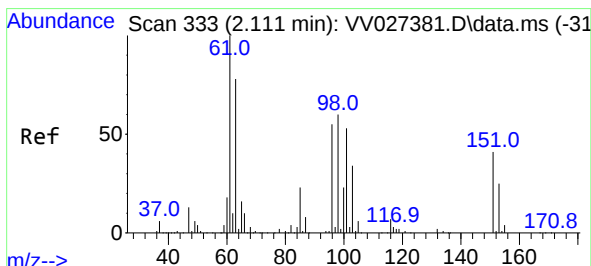
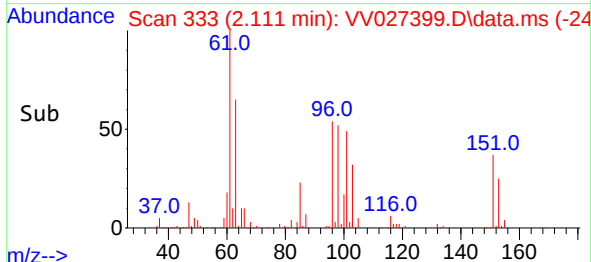
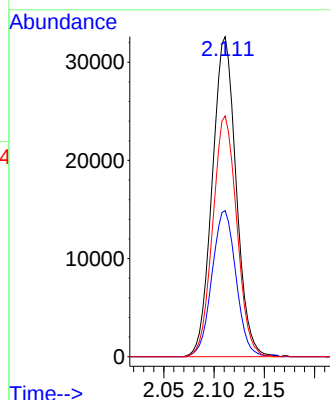
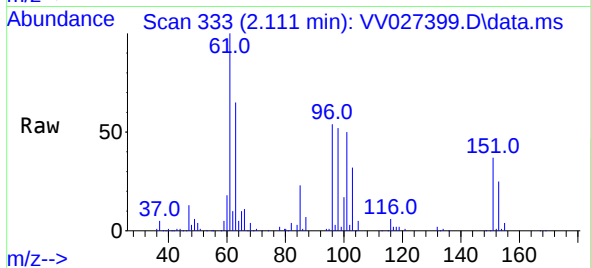




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.011 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

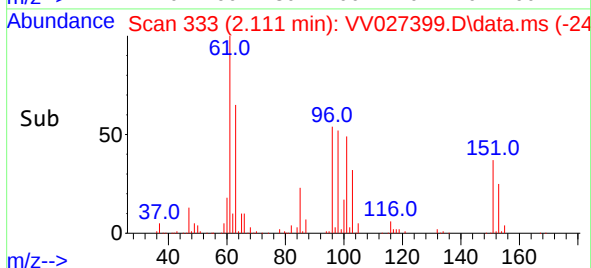
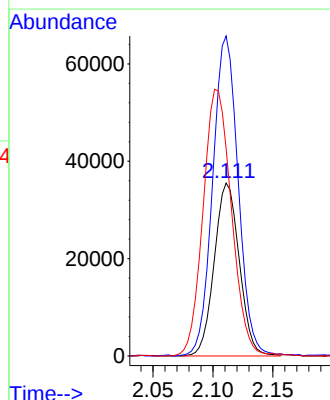
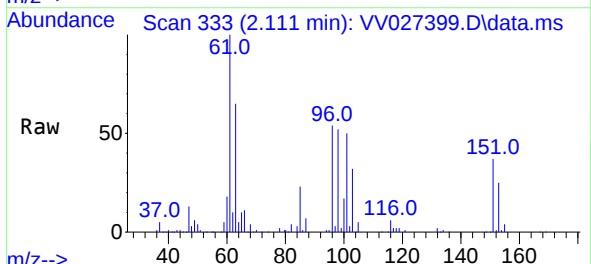
Instrument :
MSVOA_V
ClientSampleId :

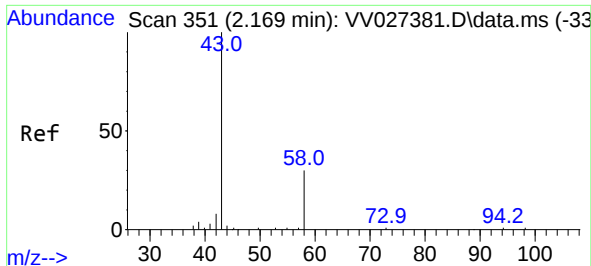
Tgt Ion:101 Resp: 53991
Ion Ratio Lower Upper
101 100
85 45.9 36.2 54.4
151 75.6 62.0 93.0



#12
1,1-Dichloroethene
Concen: 4.614 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Tgt Ion: 96 Resp: 51497
Ion Ratio Lower Upper
96 100
61 185.0 130.7 242.7
63 120.0 101.4 188.2





#13

Acetone

Concen: 37.534 ug/L

RT: 2.179 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

Instrument :

MSVOA_V

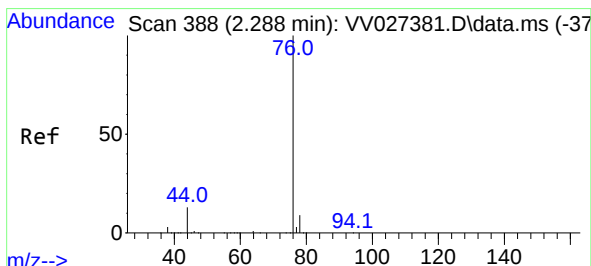
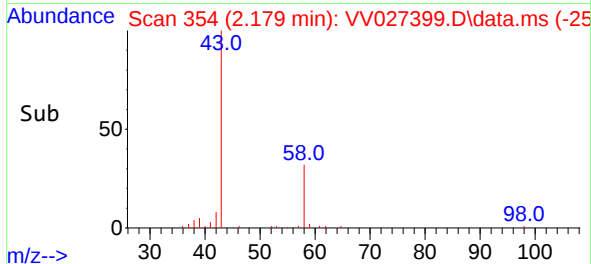
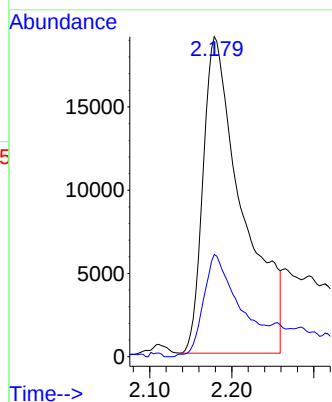
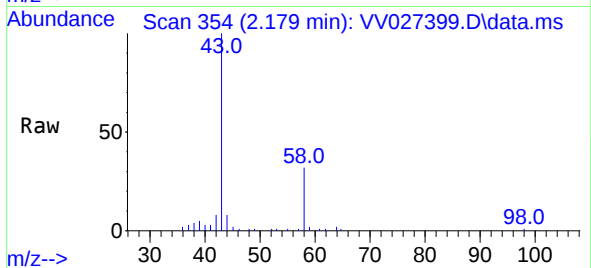
ClientSampleId :

Tgt Ion: 43 Resp: 63249

Ion Ratio Lower Upper

43 100

58 30.4 0.0 63.2



#14

Carbon disulfide

Concen: 4.129 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.003 min

Lab File: VV027399.D

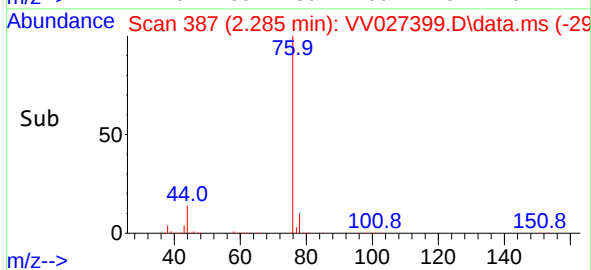
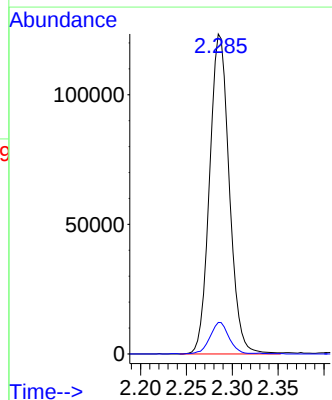
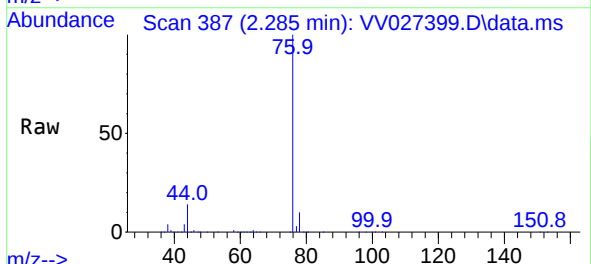
Acq: 15 Aug 2022 20:07

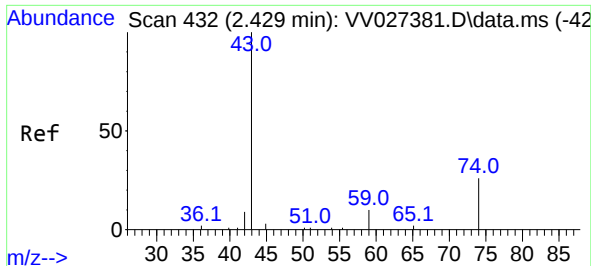
Tgt Ion: 76 Resp: 184503

Ion Ratio Lower Upper

76 100

78 9.8 7.2 10.8

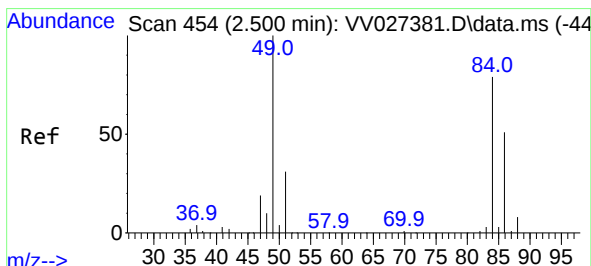
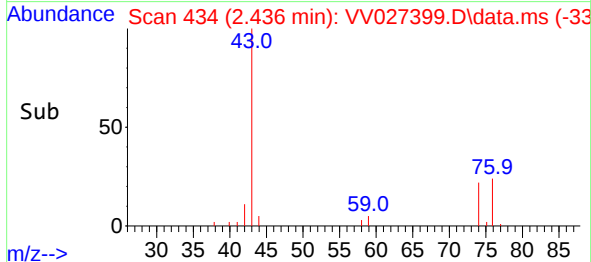
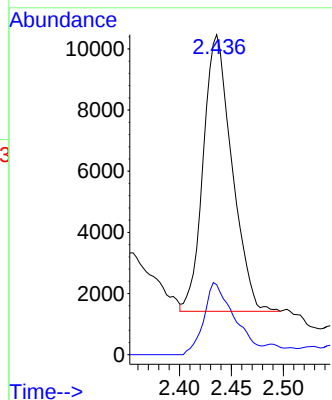
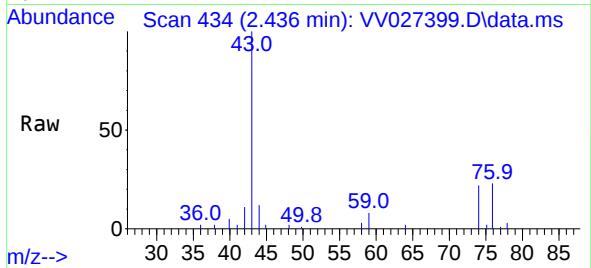




#15
Methyl Acetate
Concen: 4.229 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

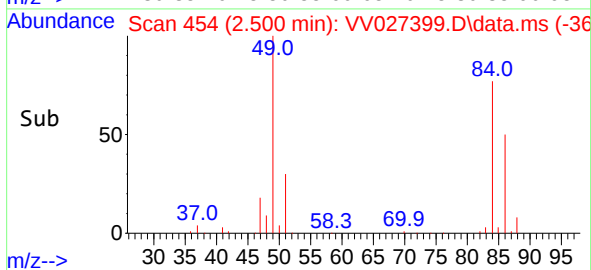
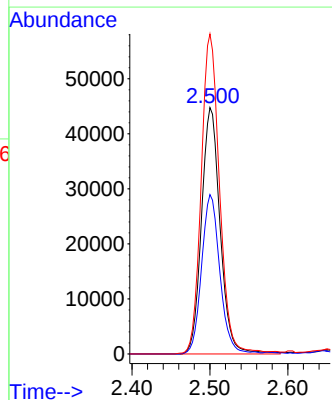
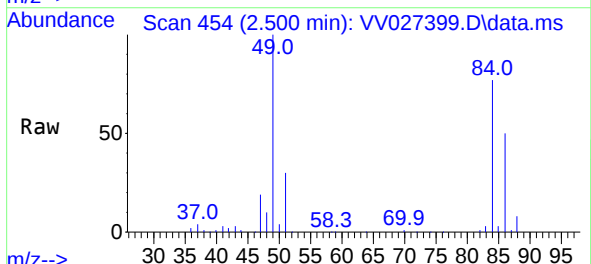
Instrument :
MSVOA_V
ClientSampleId :

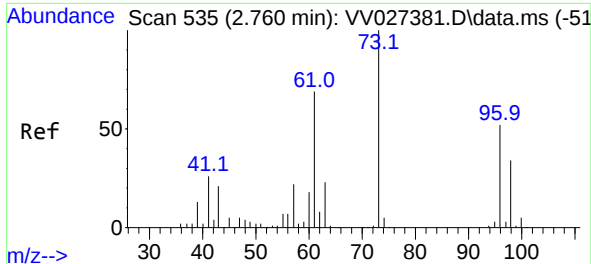
Tgt Ion: 43 Resp: 17352
Ion Ratio Lower Upper
43 100
74 27.9 21.8 32.8



#16
Methylene chloride
Concen: 4.144 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Tgt Ion: 84 Resp: 74278
Ion Ratio Lower Upper
84 100
86 64.7 45.1 83.9
49 129.8 91.2 169.4





#17

Methyl tert-butyl Ether

Concen: 4.823 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.007 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

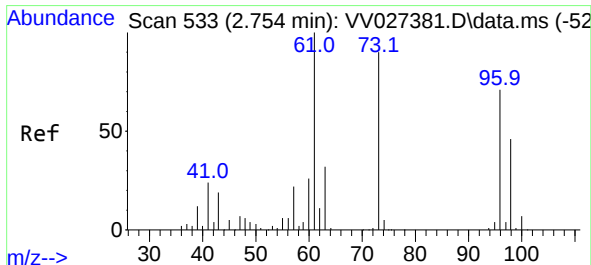
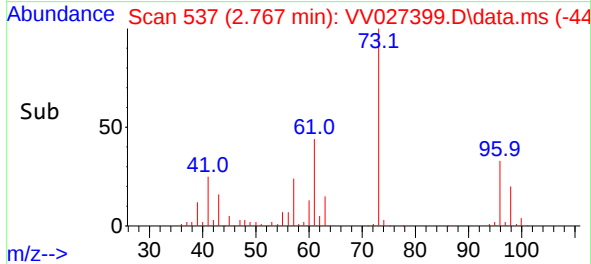
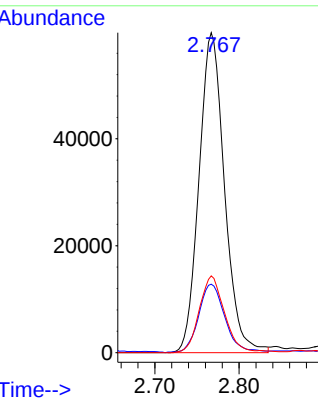
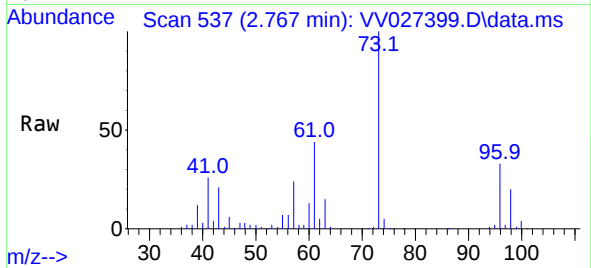
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 73 Resp: 125632

Ion	Ratio	Lower	Upper
73	100		
43	22.2	15.8	23.8
57	23.5	18.3	27.5



#18

trans-1,2-Dichloroethene

Concen: 4.635 ug/L

RT: 2.754 min Scan# 533

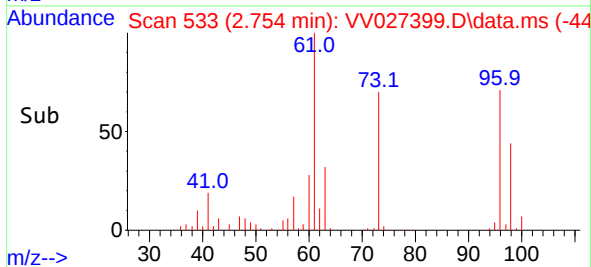
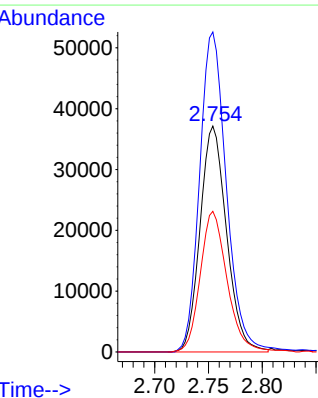
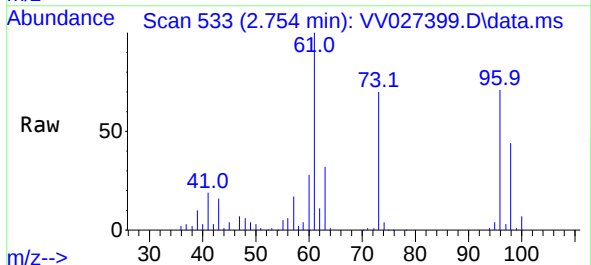
Delta R.T. 0.000 min

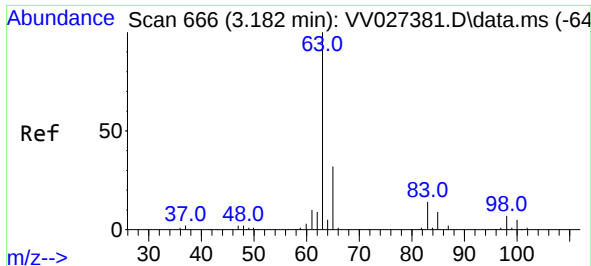
Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

Tgt Ion: 96 Resp: 63631

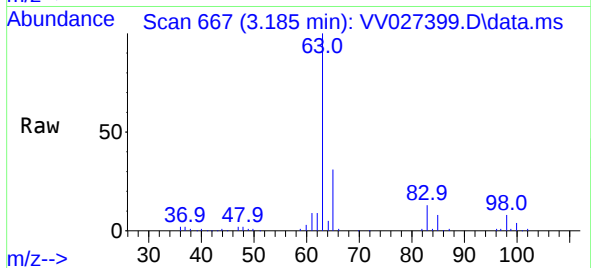
Ion	Ratio	Lower	Upper
96	100		
61	141.6	99.6	185.0
98	62.3	45.1	83.7



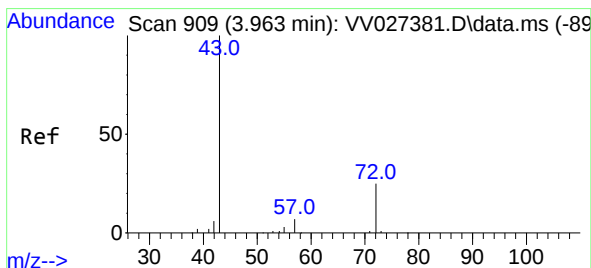
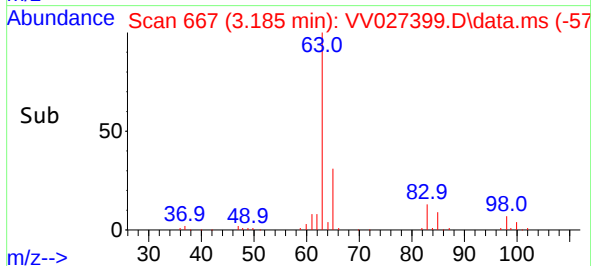
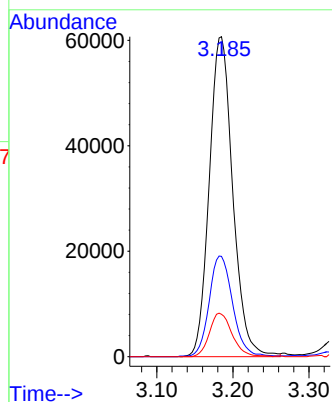


#19
1,1-Dichloroethane
Concen: 4.957 ug/L
RT: 3.185 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :

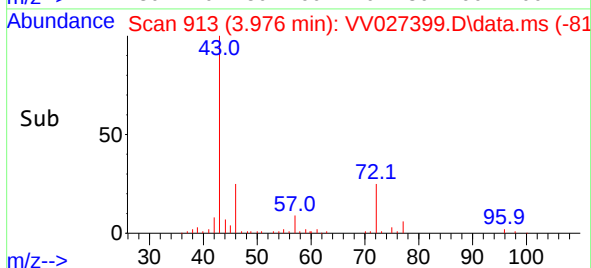
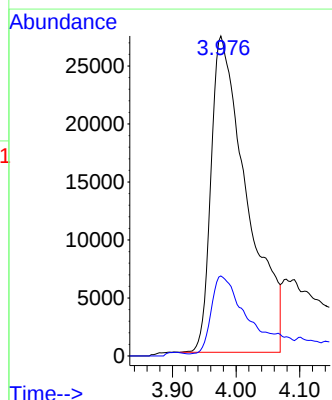
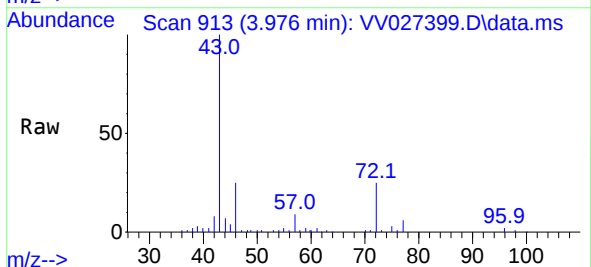


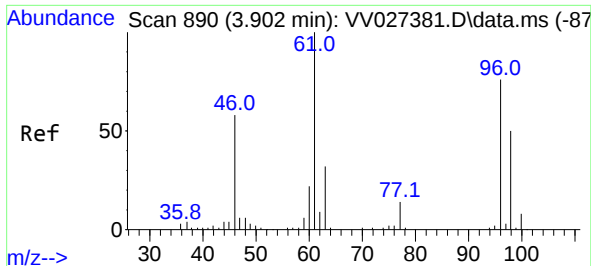
Tgt Ion: 63 Resp: 130277
Ion Ratio Lower Upper
63 100
65 31.4 21.6 40.2
83 13.2 9.3 17.3



#21
2-Butanone
Concen: 46.661 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.013 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Tgt Ion: 43 Resp: 107062
Ion Ratio Lower Upper
43 100
72 23.5 12.9 38.6

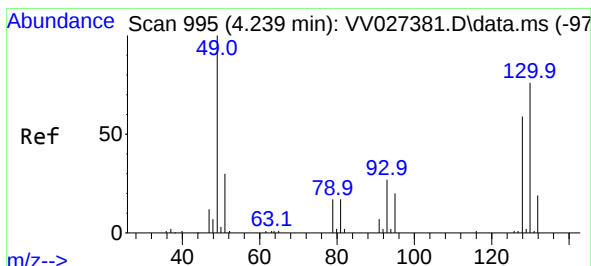
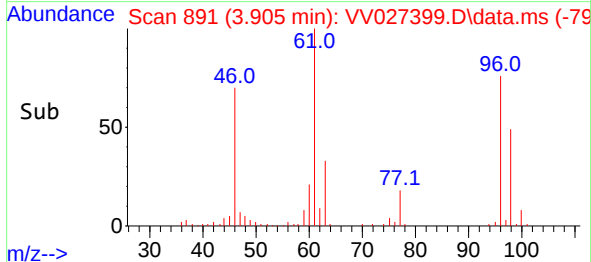
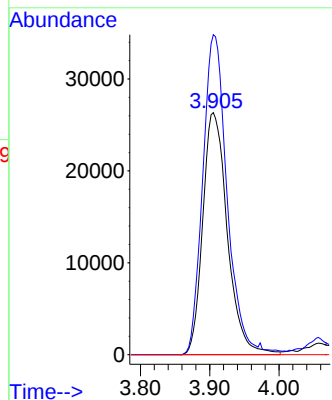
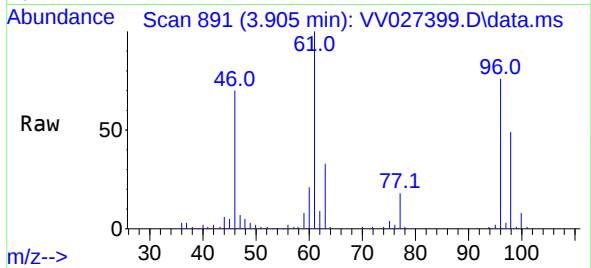




#22
 cis-1,2-Dichloroethene
 Concen: 4.809 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV027399.D
 Acq: 15 Aug 2022 20:07

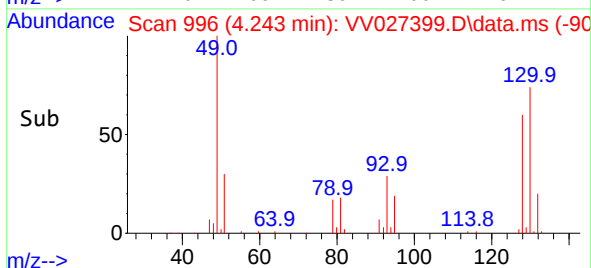
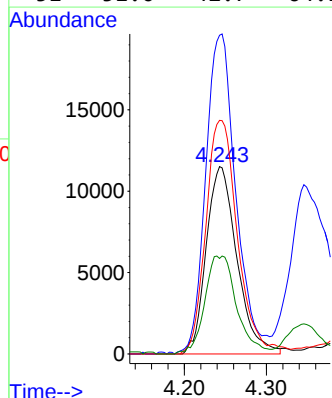
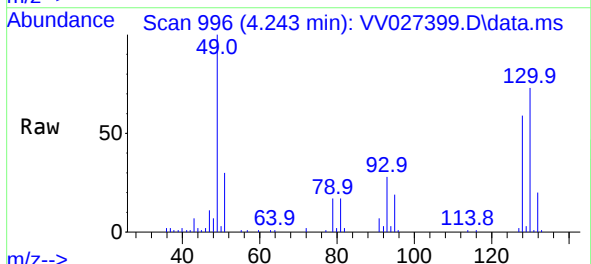
Instrument :
 MSVOA_V
 ClientSampleId :

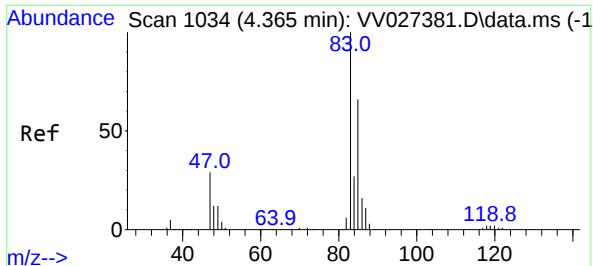
Tgt Ion: 96 Resp: 64921
 Ion Ratio Lower Upper
 96 100
 61 132.1 91.3 169.5
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.753 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV027399.D
 Acq: 15 Aug 2022 20:07

Tgt Ion: 128 Resp: 29990
 Ion Ratio Lower Upper
 128 100
 49 170.1 118.5 220.1
 130 124.7 90.3 167.7
 51 51.0 42.7 64.1





#25

Chloroform

Concen: 5.094 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

Instrument :

MSVOA_V

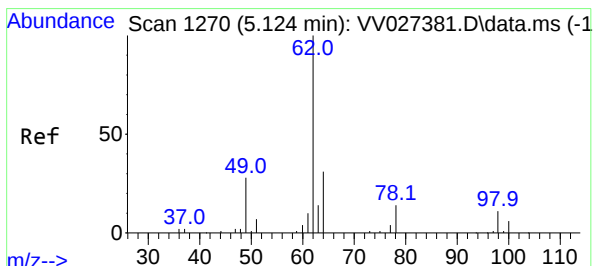
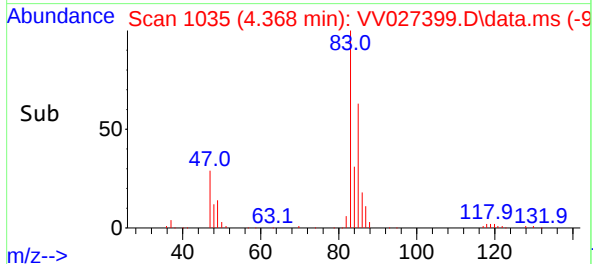
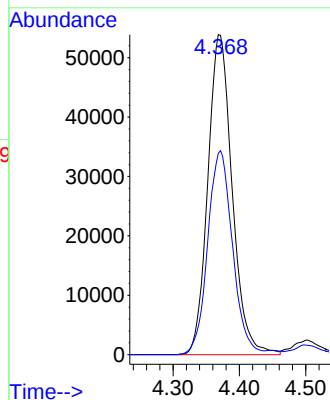
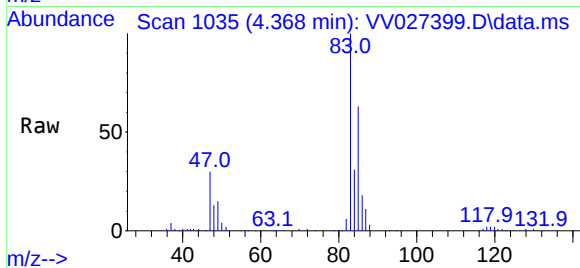
ClientSampleId :

Tgt Ion: 83 Resp: 137549

Ion Ratio Lower Upper

83 100

85 62.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.869 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV027399.D

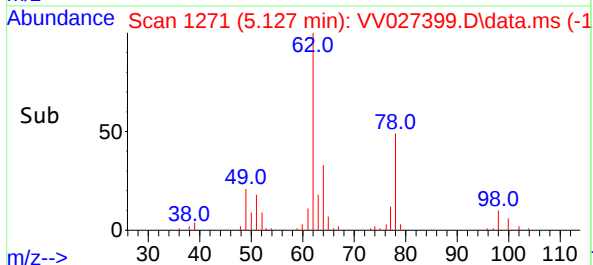
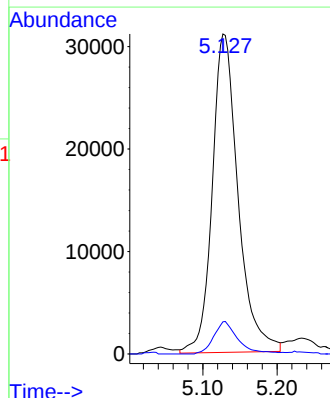
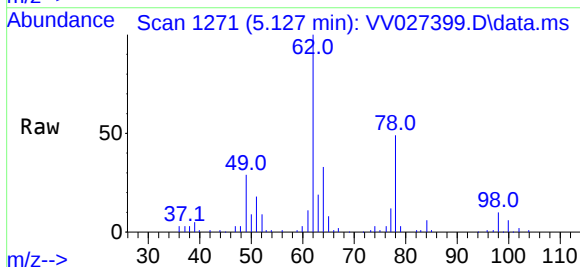
Acq: 15 Aug 2022 20:07

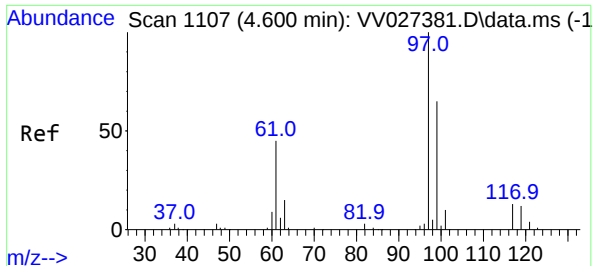
Tgt Ion: 62 Resp: 75149

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.994 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

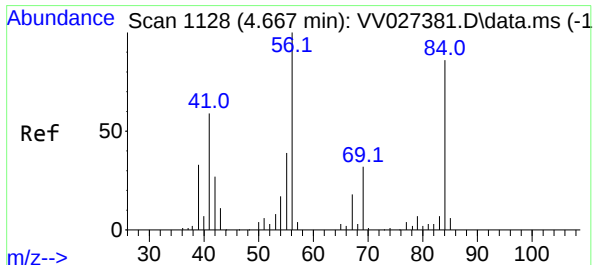
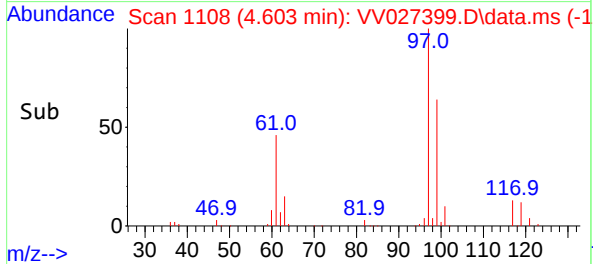
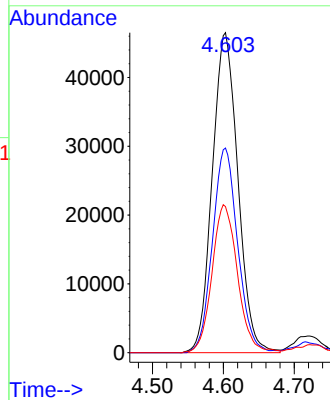
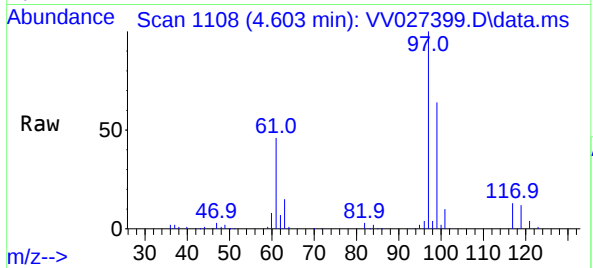
Tgt Ion: 97 Resp: 116771

Ion Ratio Lower Upper

97 100

99 63.0 50.8 76.2

61 46.2 36.5 54.7



#30

Cyclohexane

Concen: 4.732 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

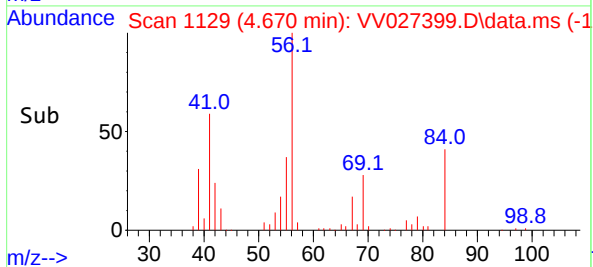
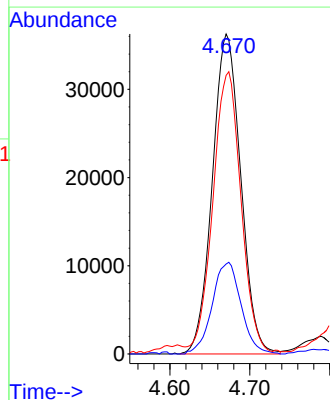
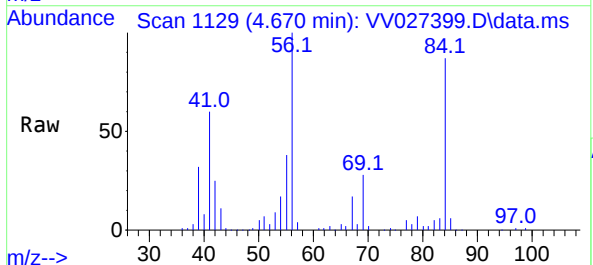
Tgt Ion: 56 Resp: 89622

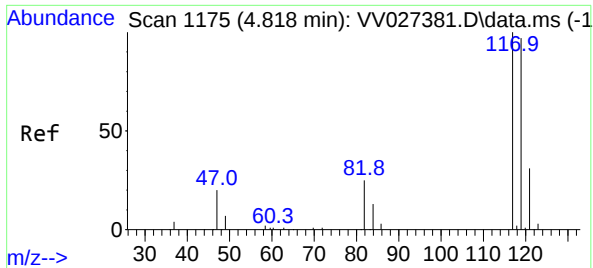
Ion Ratio Lower Upper

56 100

69 29.1 24.0 36.0

84 86.1 69.1 103.7

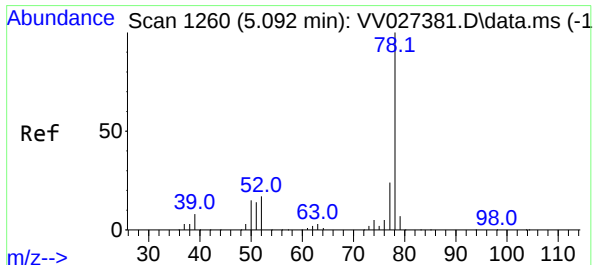
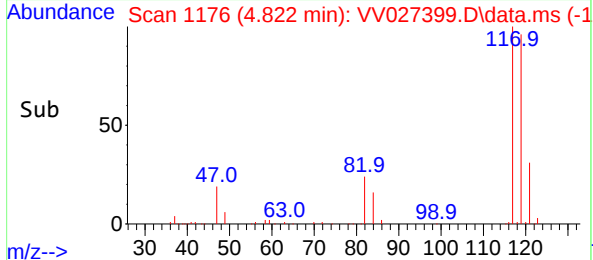
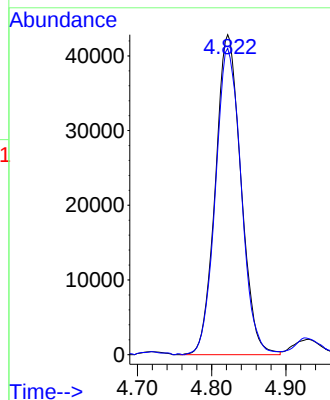
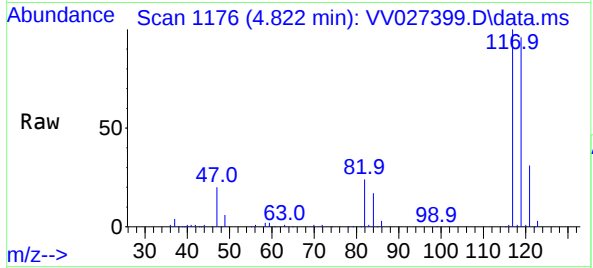




#31
Carbon tetrachloride
Concen: 5.043 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

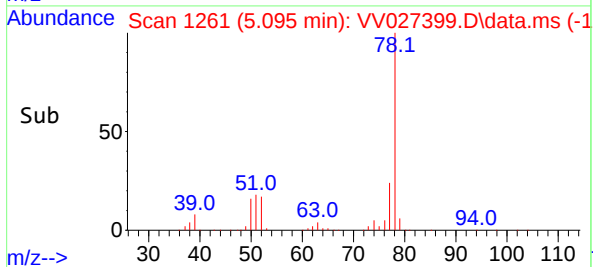
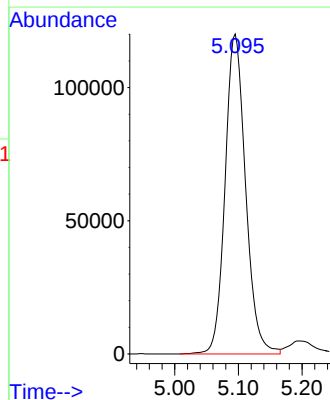
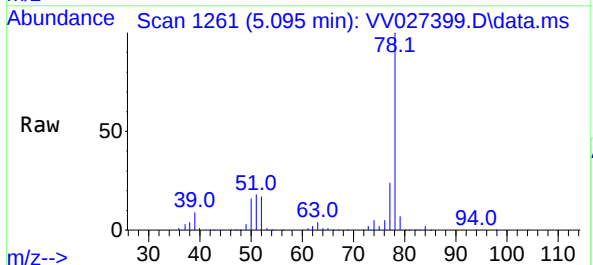
Instrument :
MSVOA_V
ClientSampleId :

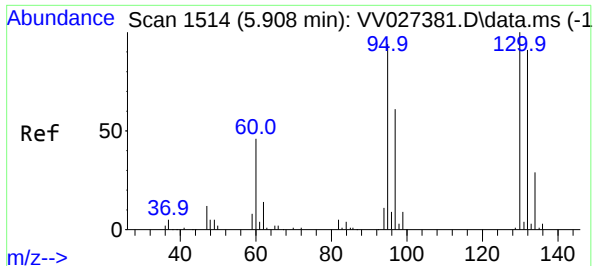
Tgt Ion:117 Resp: 102617
Ion Ratio Lower Upper
117 100
119 96.2 76.6 115.0



#33
Benzene
Concen: 4.738 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Tgt Ion: 78 Resp: 269065



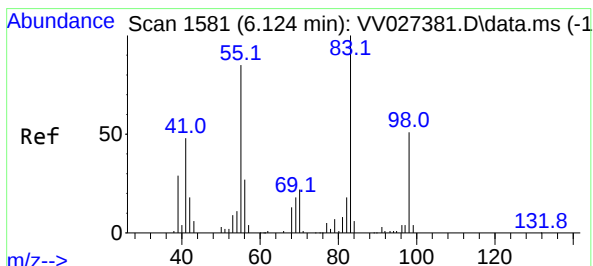
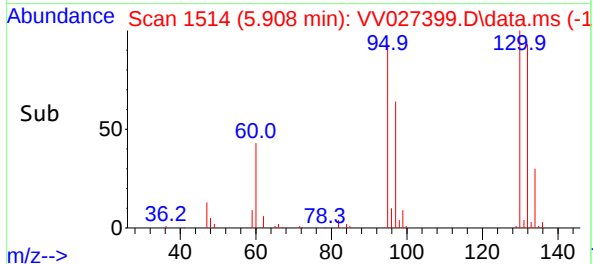
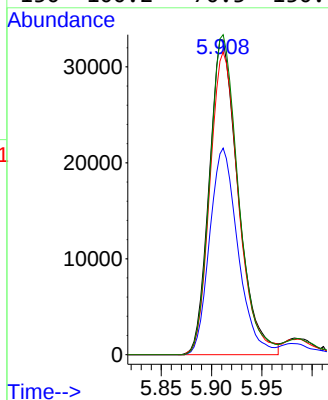
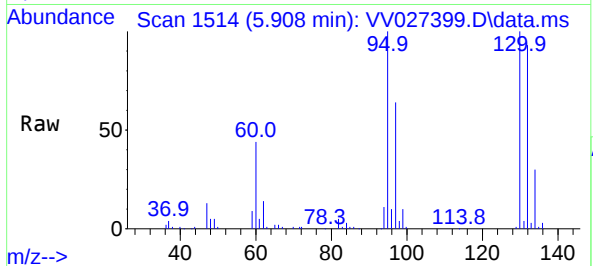


#34
Trichloroethene
Concen: 4.655 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 65800

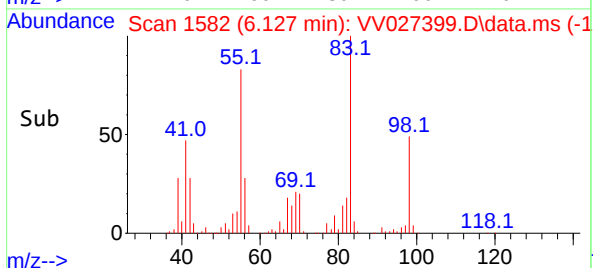
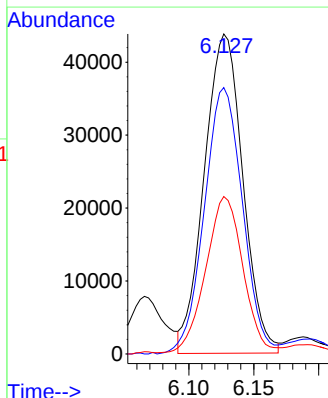
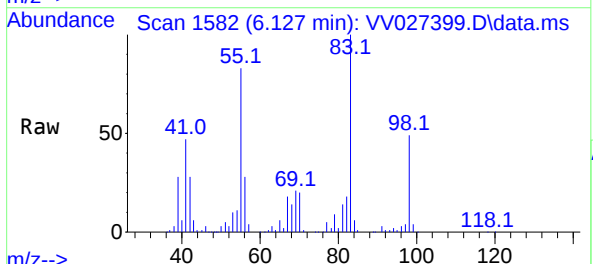
Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.5	84.5
132	93.1	68.2	126.6
130	100.2	70.3	130.7

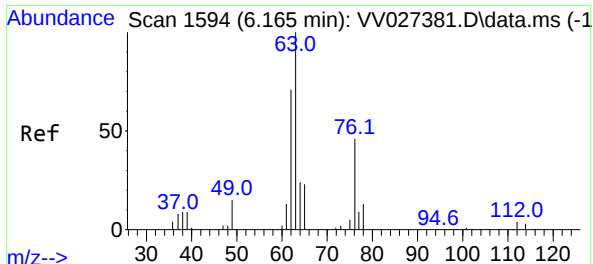


#35
Methylcyclohexane
Concen: 4.646 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Tgt Ion: 83 Resp: 90415

Ion	Ratio	Lower	Upper
83	100		
55	82.9	67.0	100.6
98	47.4	38.7	58.1

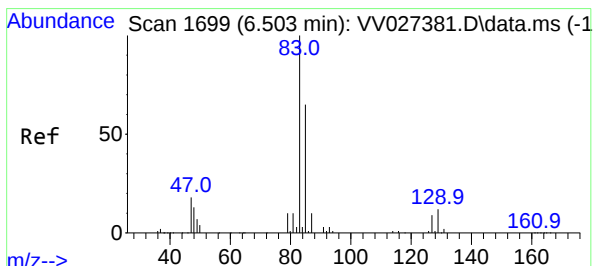
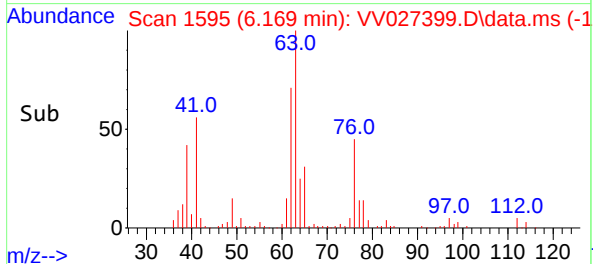
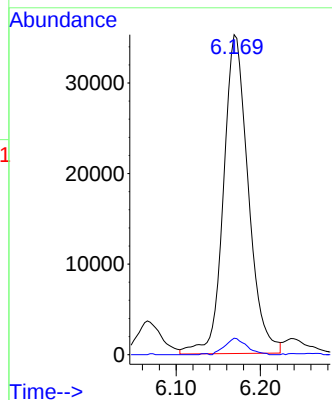
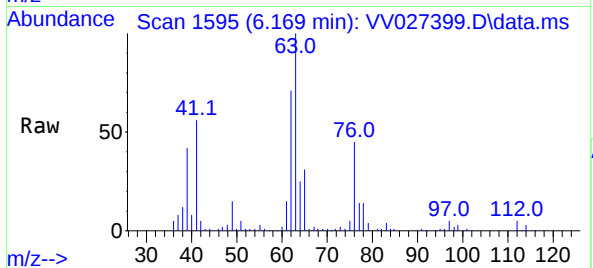




#37
1,2-Dichloropropane
Concen: 5.122 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

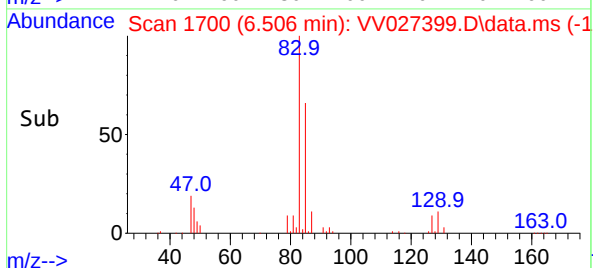
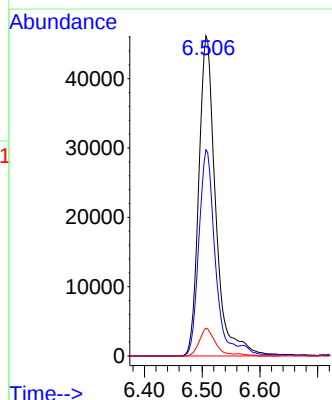
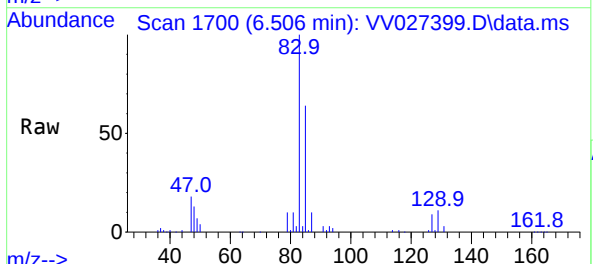
Instrument :
MSVOA_V
ClientSampleId :

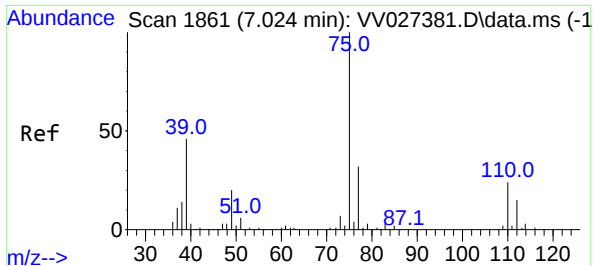
Tgt Ion: 63 Resp: 71887
Ion Ratio Lower Upper
63 100
112 4.5 4.0 6.0



#38
Bromodichloromethane
Concen: 5.185 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Tgt Ion: 83 Resp: 93797
Ion Ratio Lower Upper
83 100
85 64.4 45.4 84.4
127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.031 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

Instrument :

MSVOA_V

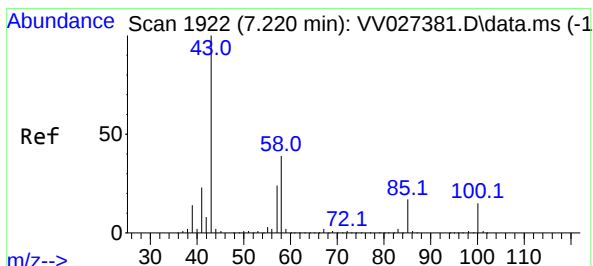
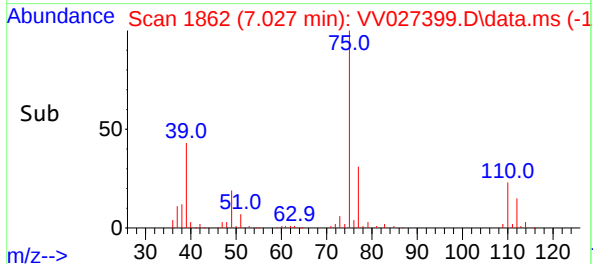
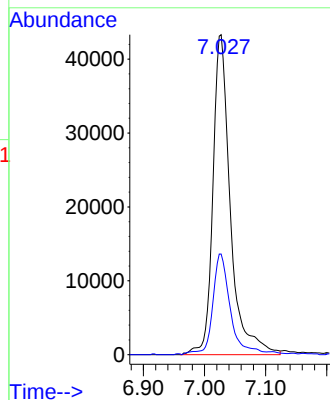
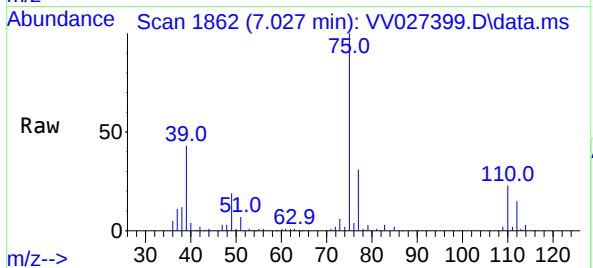
ClientSampleId :

Tgt Ion: 75 Resp: 86318

Ion Ratio Lower Upper

75 100

77 31.4 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 50.258 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.007 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

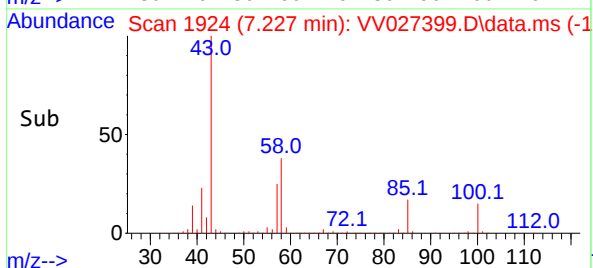
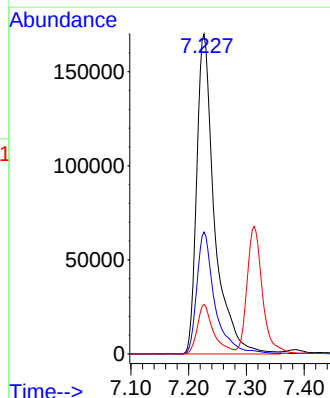
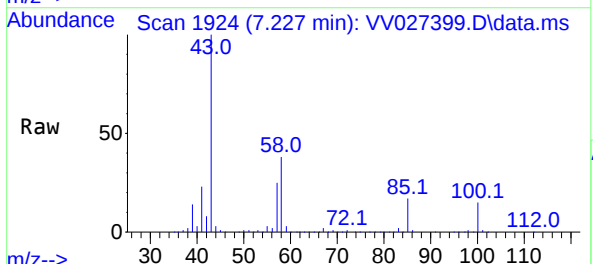
Tgt Ion: 43 Resp: 364039

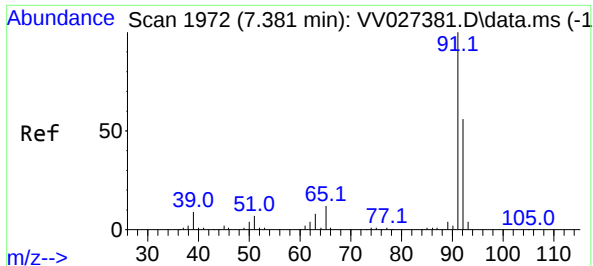
Ion Ratio Lower Upper

43 100

58 38.7 31.0 46.4

100 14.1 10.9 16.3





#42

Toluene

Concen: 5.218 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

Instrument :

MSVOA_V

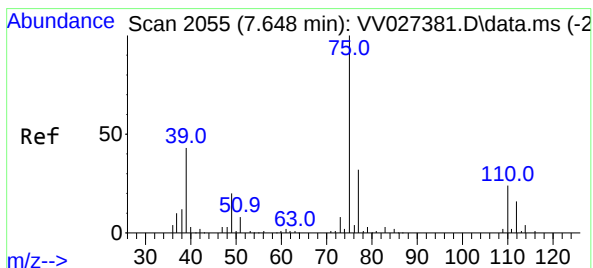
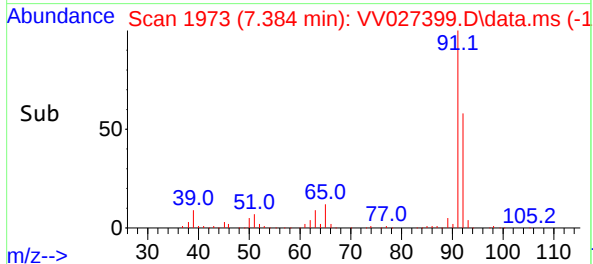
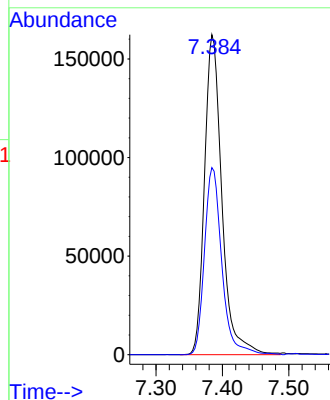
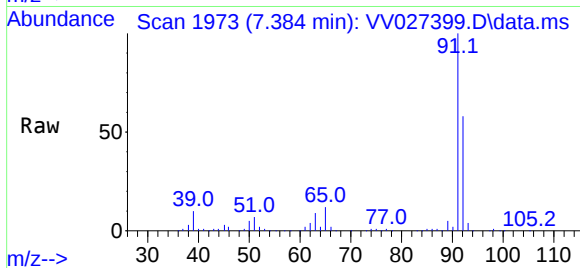
ClientSampleId :

Tgt Ion: 91 Resp: 295630

Ion Ratio Lower Upper

91 100

92 58.4 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 4.961 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV027399.D

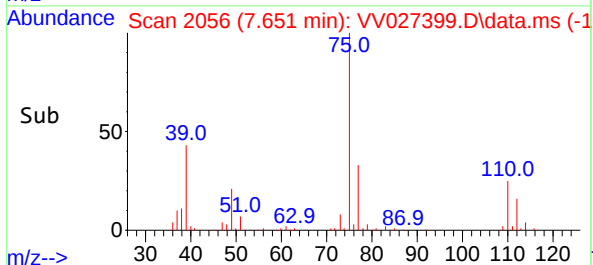
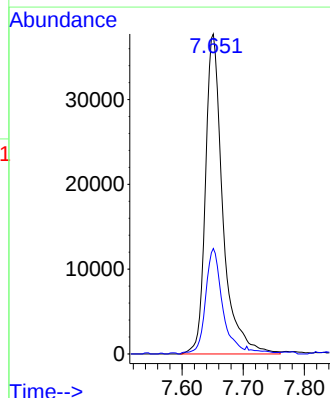
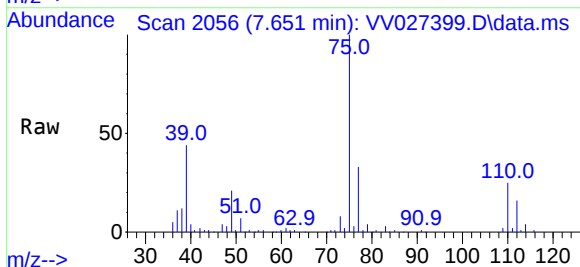
Acq: 15 Aug 2022 20:07

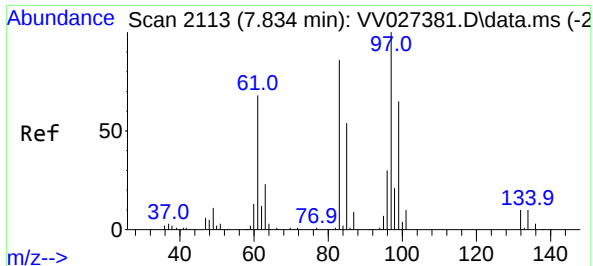
Tgt Ion: 75 Resp: 74465

Ion Ratio Lower Upper

75 100

77 33.0 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 4.919 ug/L

RT: 7.838 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 49224

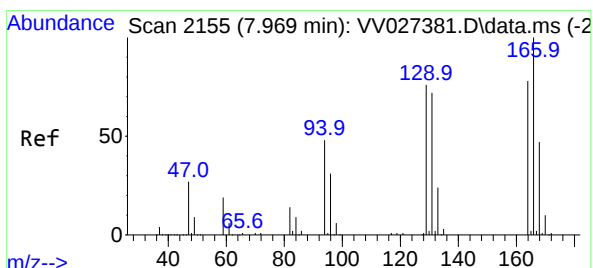
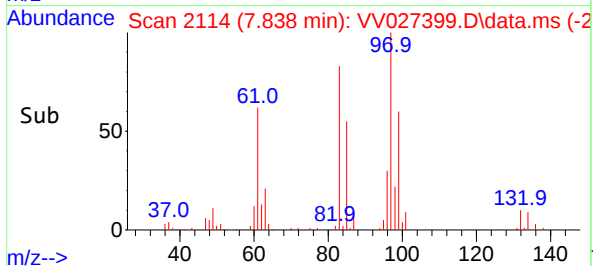
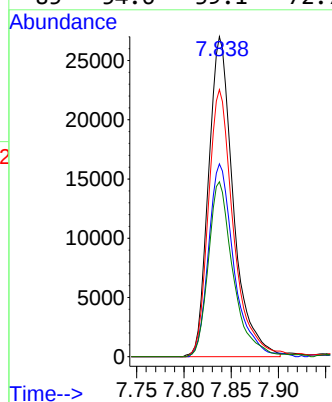
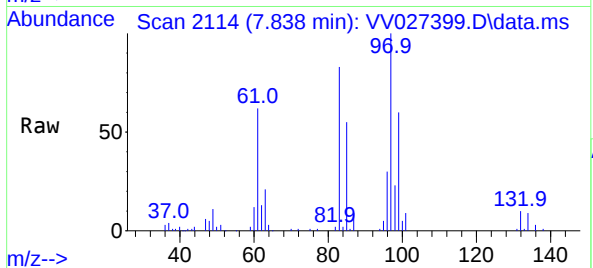
Ion Ratio Lower Upper

97 100

99 60.2 43.7 81.1

83 83.4 59.8 111.0

85 54.6 39.1 72.7



#47

Tetrachloroethene

Concen: 4.948 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

Tgt Ion:164 Resp: 54918

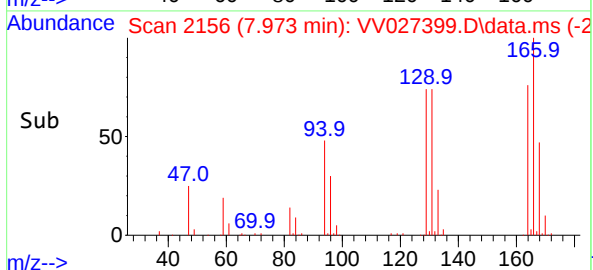
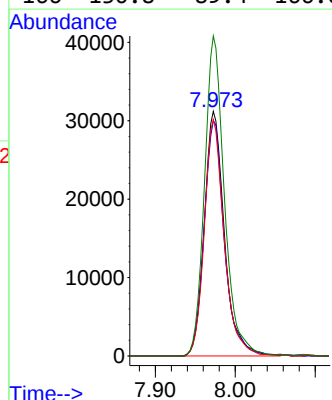
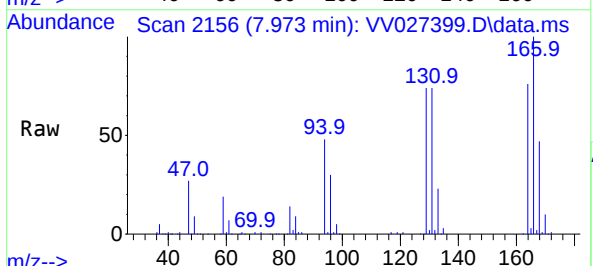
Ion Ratio Lower Upper

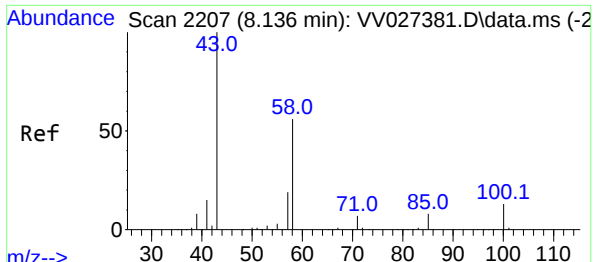
164 100

129 96.2 69.0 128.1

131 96.6 64.7 120.1

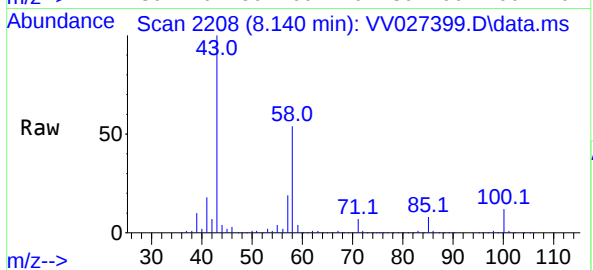
166 130.8 89.4 166.0



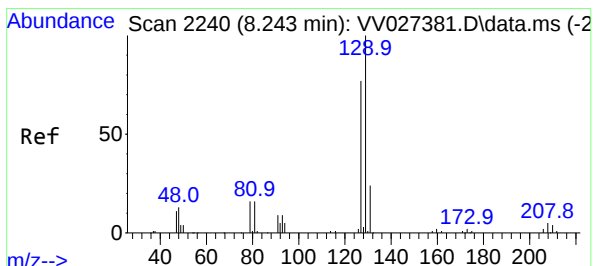
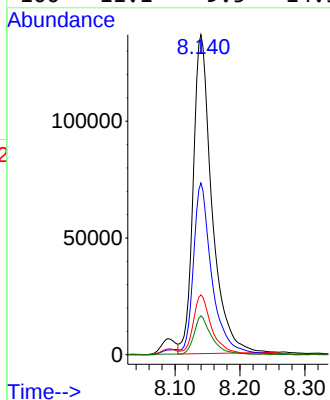
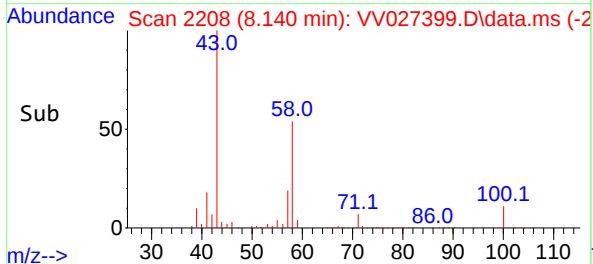


#48
2-Hexanone
Concen: 52.878 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :

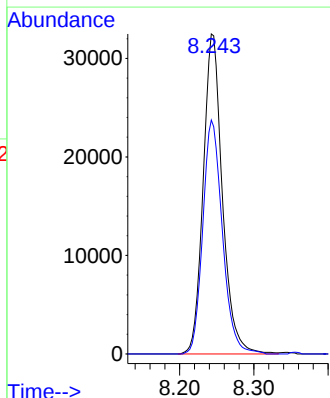
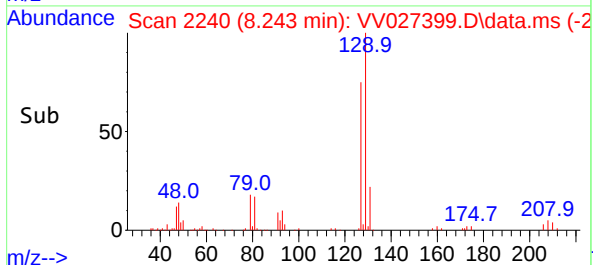
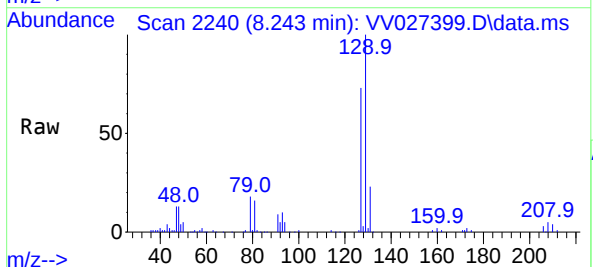


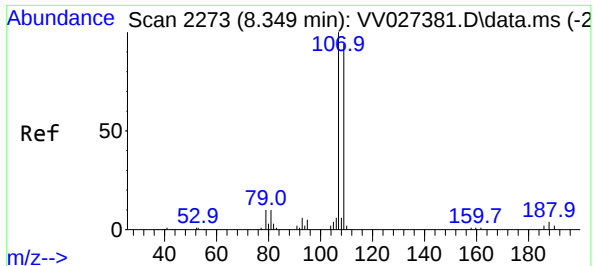
Tgt Ion: 43 Resp: 274851
Ion Ratio Lower Upper
43 100
58 52.4 42.8 64.2
57 18.6 15.2 22.8
100 11.1 9.5 14.3



#49
Dibromochloromethane
Concen: 4.981 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

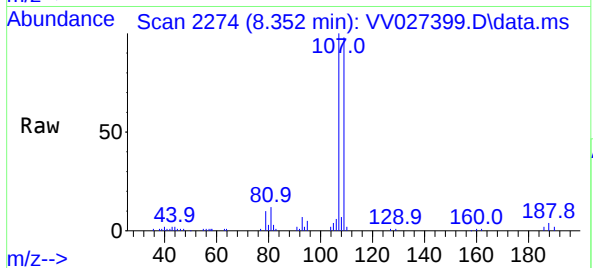
Tgt Ion: 129 Resp: 58340
Ion Ratio Lower Upper
129 100
127 73.1 54.5 101.3



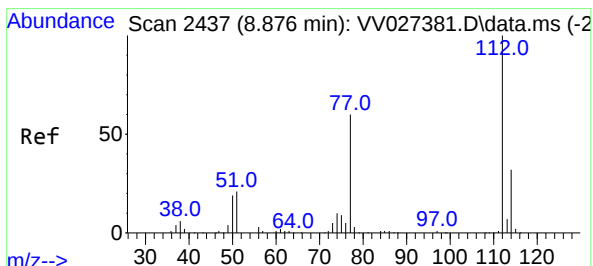
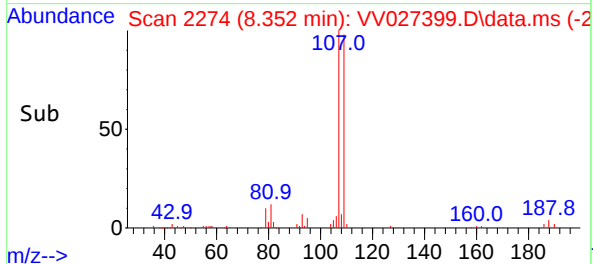
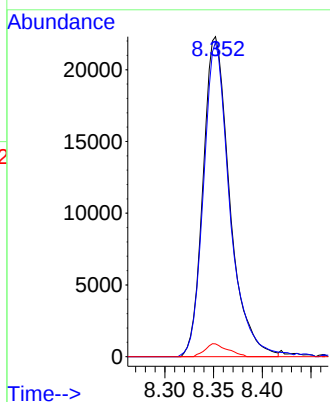


#50
1,2-Dibromoethane
Concen: 4.772 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :

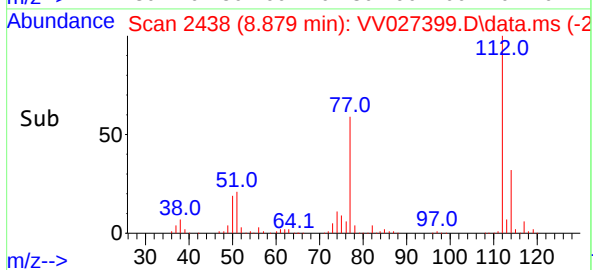
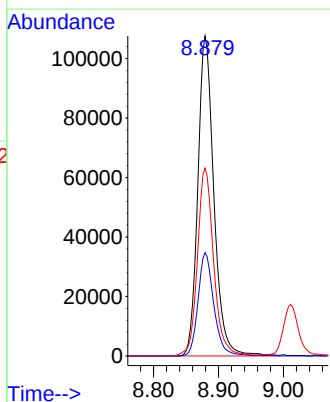
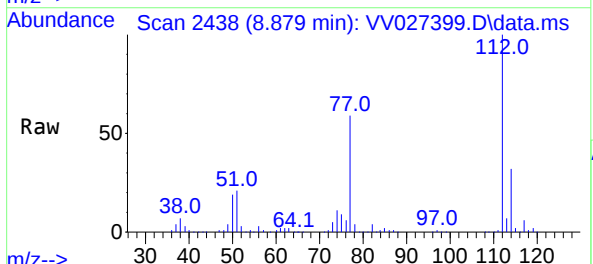


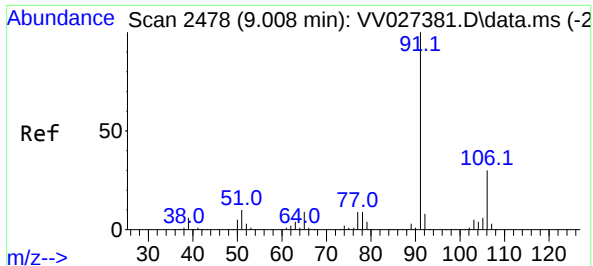
Tgt Ion:107 Resp: 42455
Ion Ratio Lower Upper
107 100
109 98.2 66.1 122.8
188 4.0 3.4 5.2



#51
Chlorobenzene
Concen: 5.022 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Tgt Ion:112 Resp: 185312
Ion Ratio Lower Upper
112 100
114 32.3 22.5 41.9
77 58.7 46.4 69.6

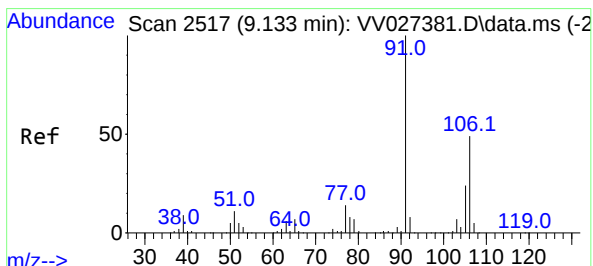
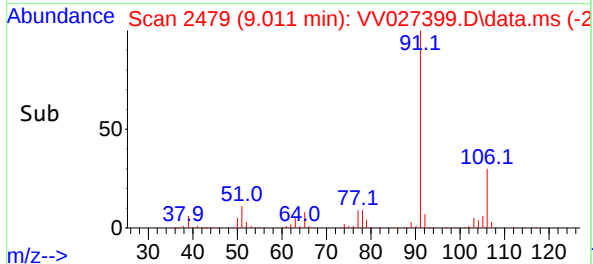
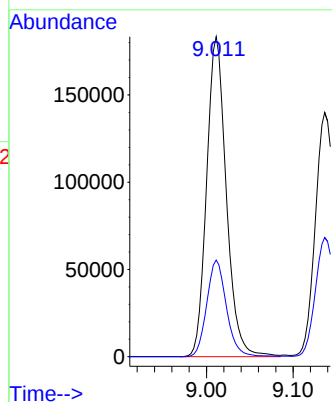
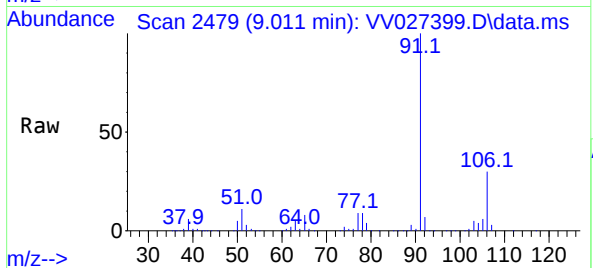




#52
Ethylbenzene
Concen: 5.083 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

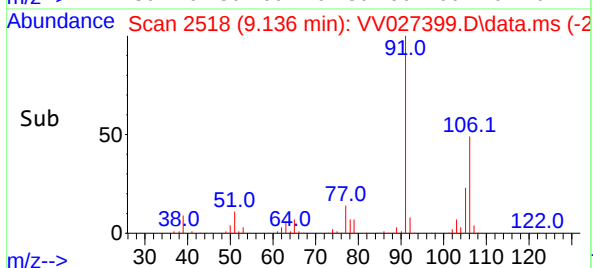
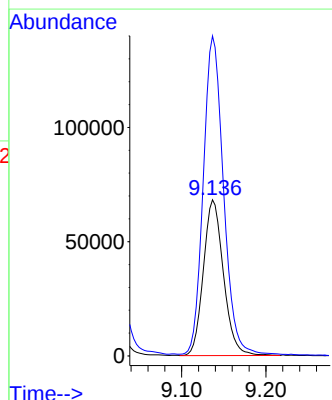
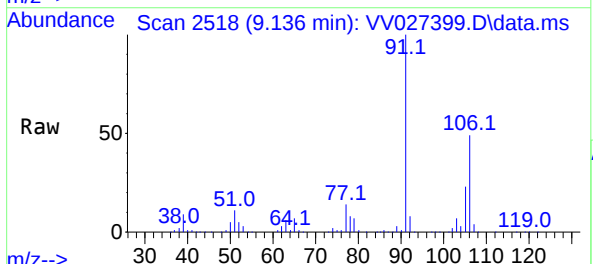
Instrument :
MSVOA_V
ClientSampleId :

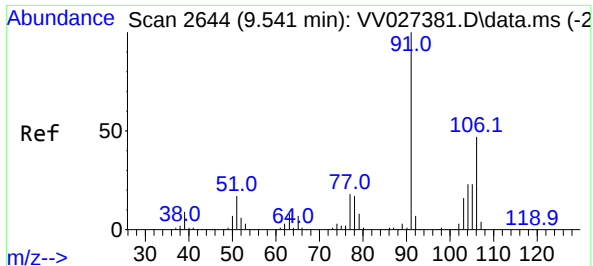
Tgt Ion: 91 Resp: 289359
Ion Ratio Lower Upper
91 100
106 30.2 21.5 39.9



#53
m,p-Xylene
Concen: 5.223 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Tgt Ion: 106 Resp: 113383
Ion Ratio Lower Upper
106 100
91 204.9 141.5 262.9





#54

o-Xylene

Concen: 5.050 ug/L

RT: 9.542 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

Instrument :

MSVOA_V

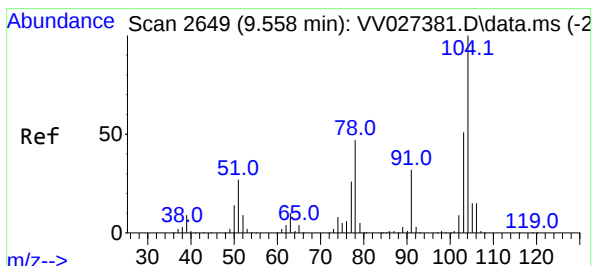
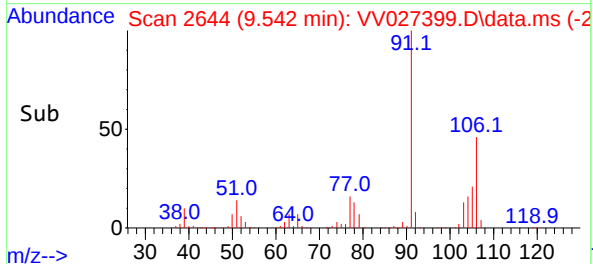
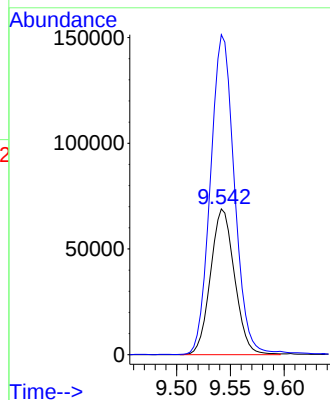
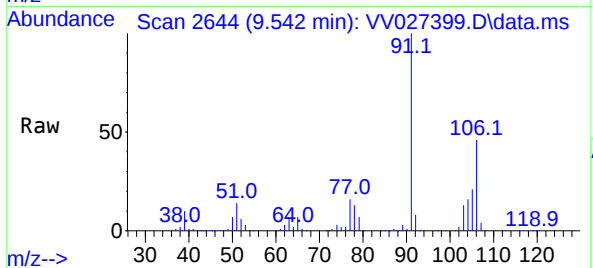
ClientSampleId :

Tgt Ion:106 Resp: 107233

Ion Ratio Lower Upper

106 100

91 219.6 153.2 284.4



#55

Styrene

Concen: 5.309 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.003 min

Lab File: VV027399.D

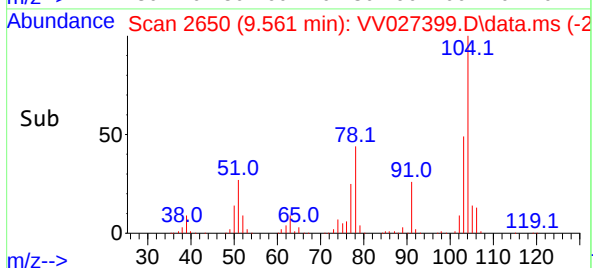
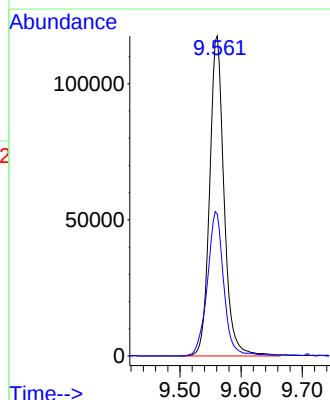
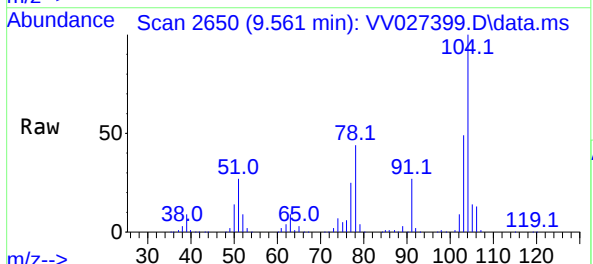
Acq: 15 Aug 2022 20:07

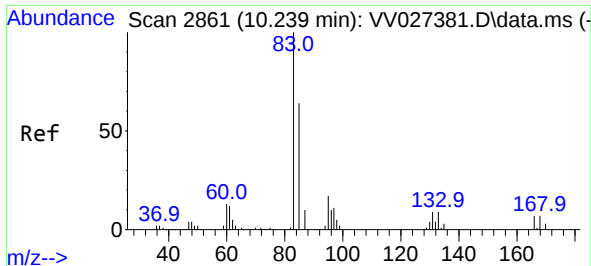
Tgt Ion:104 Resp: 193869

Ion Ratio Lower Upper

104 100

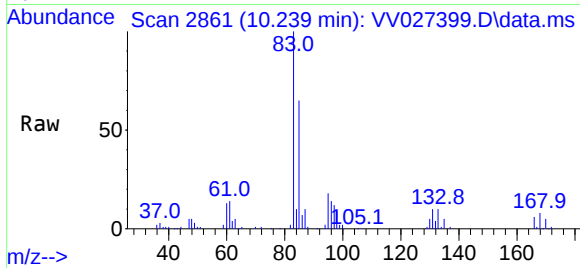
78 44.3 30.7 57.1



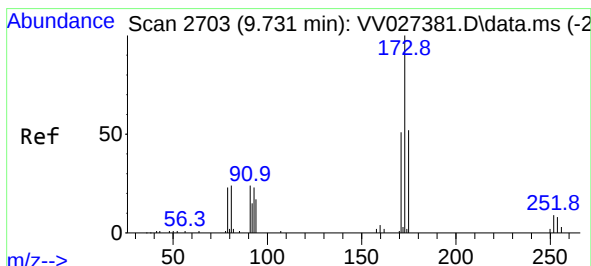
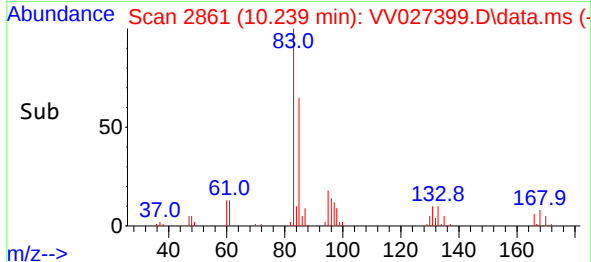
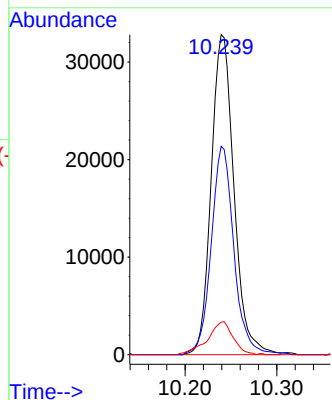


#57
1,1,2,2-Tetrachloroethane
Concen: 5.065 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :

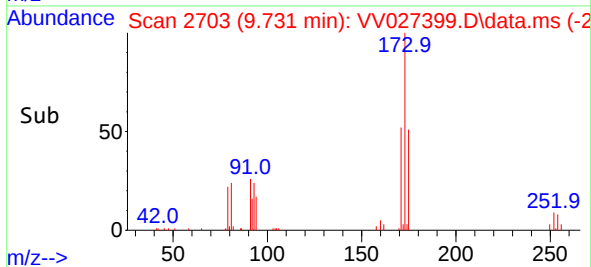
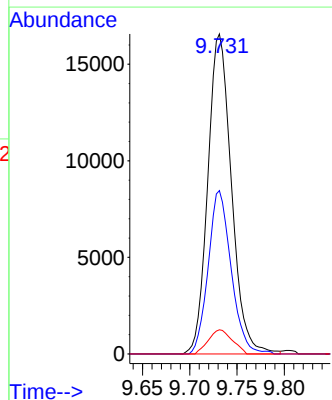
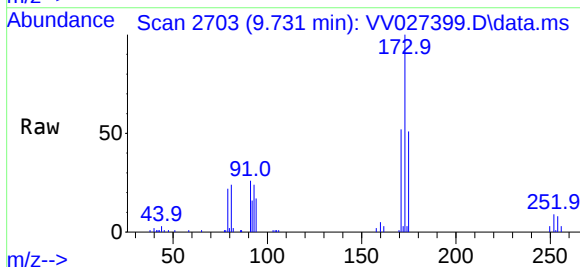


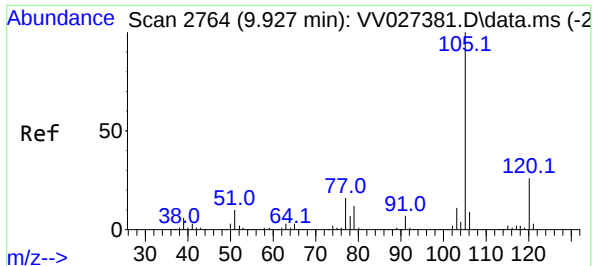
Tgt Ion: 83 Resp: 56489
Ion Ratio Lower Upper
83 100
85 65.1 43.3 80.3
131 10.2 7.7 11.5



#59
Bromoform
Concen: 4.862 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Tgt Ion: 173 Resp: 28827
Ion Ratio Lower Upper
173 100
175 49.5 38.2 57.2
254 7.6 6.5 9.7

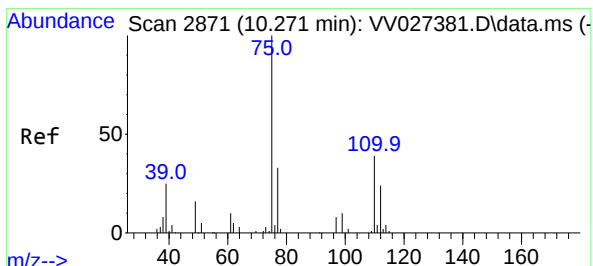
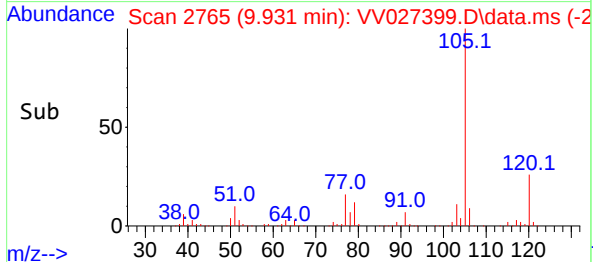
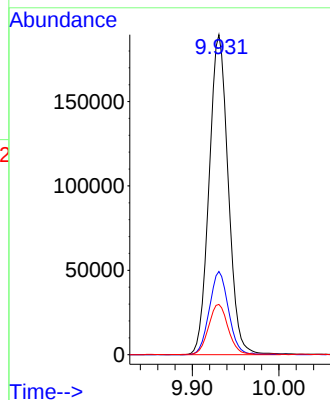
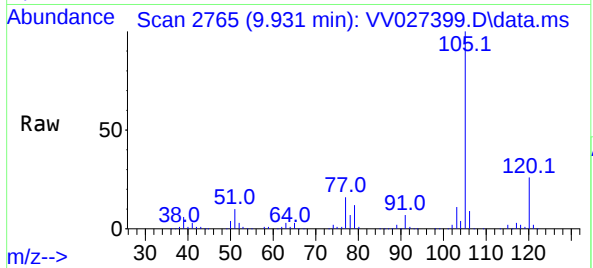




#60
Isopropylbenzene
Concen: 5.243 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

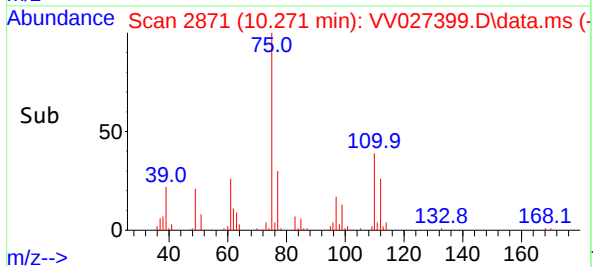
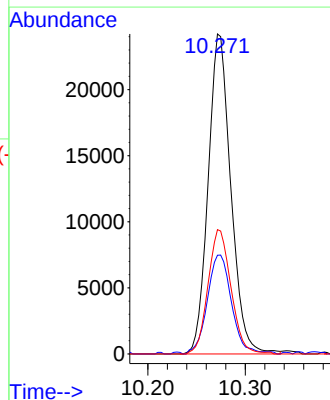
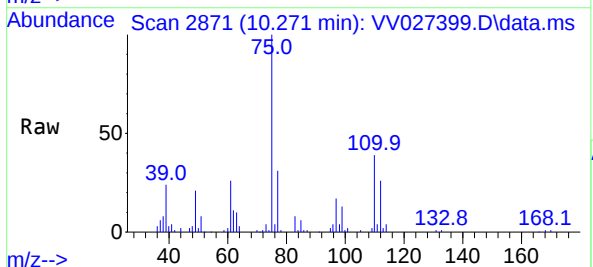
Instrument :
MSVOA_V
ClientSampleId :

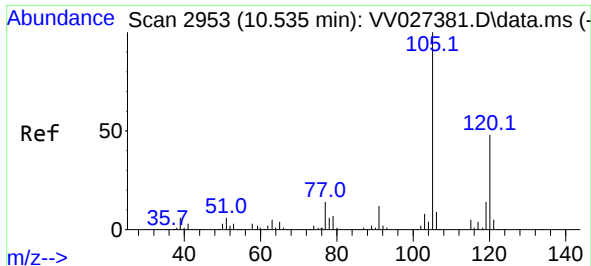
Tgt Ion:105 Resp: 290348
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4
77 16.3 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.628 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Tgt Ion: 75 Resp: 39188
Ion Ratio Lower Upper
75 100
77 33.0 26.6 39.8
110 39.3 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 4.899 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

Instrument :

MSVOA_V

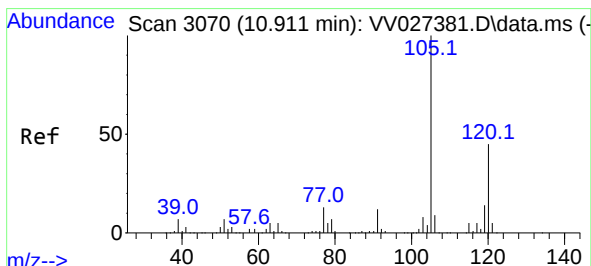
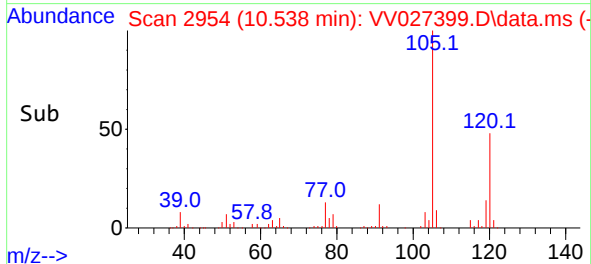
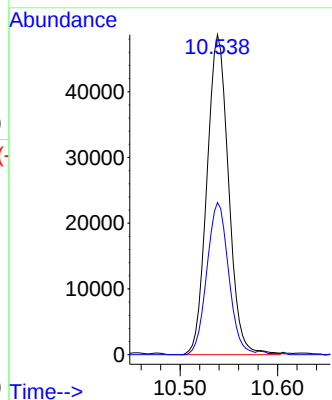
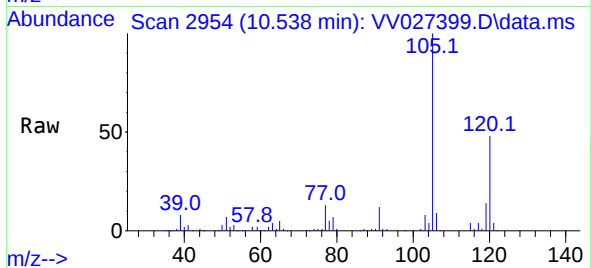
ClientSampleId :

Tgt Ion:105 Resp: 74986

Ion Ratio Lower Upper

105 100

120 47.7 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.966 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV027399.D

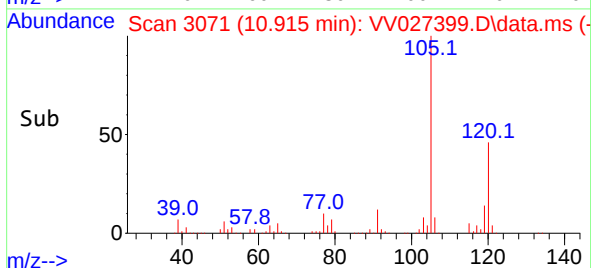
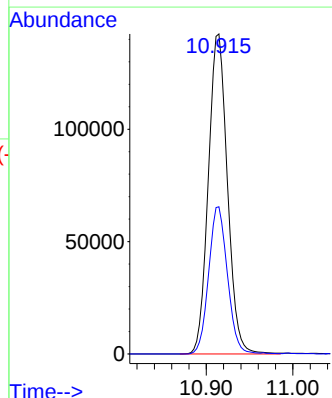
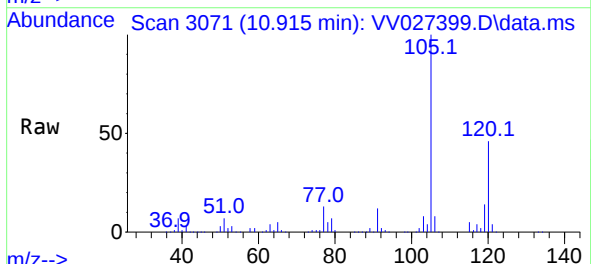
Acq: 15 Aug 2022 20:07

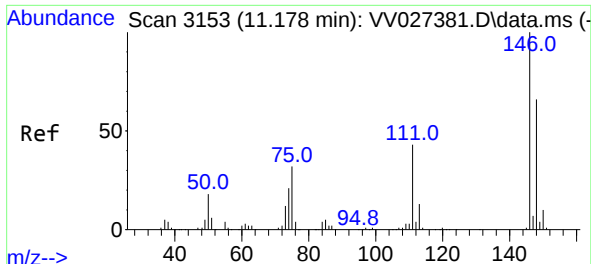
Tgt Ion:105 Resp: 217905

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.2

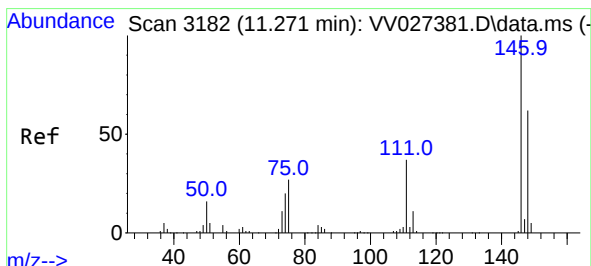
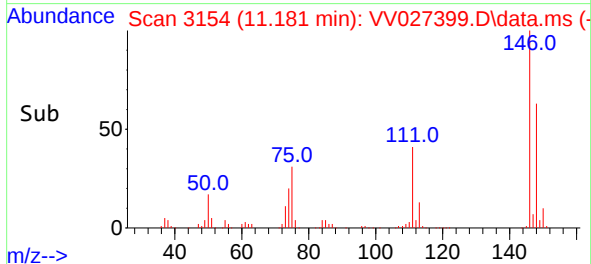
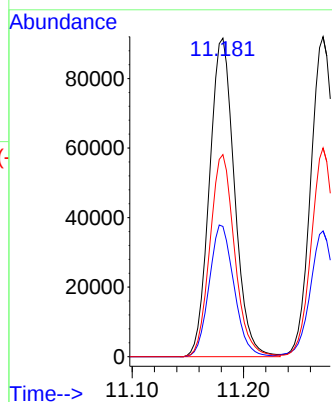
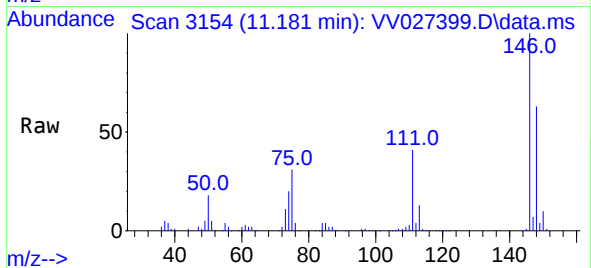




#64
1,3-Dichlorobenzene
Concen: 5.170 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

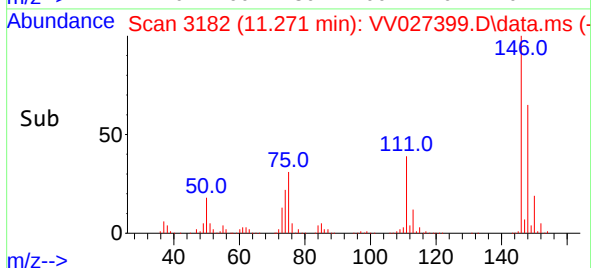
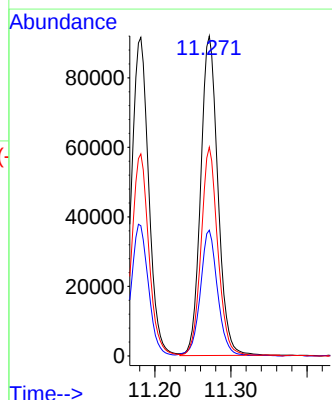
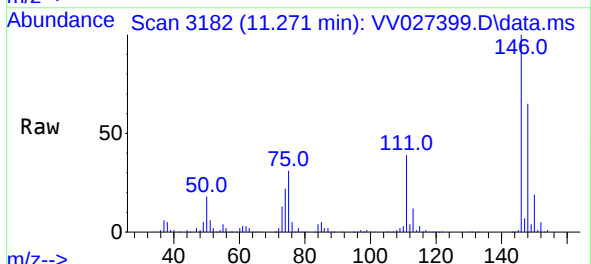
Instrument :
MSVOA_V
ClientSampleId :

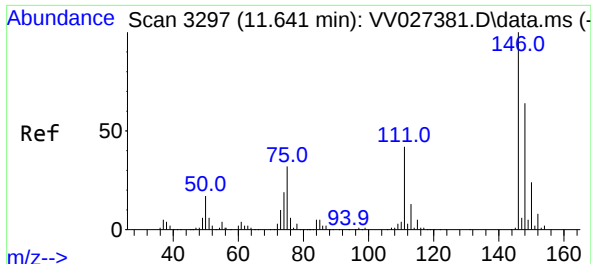
Tgt Ion:146 Resp: 143059
Ion Ratio Lower Upper
146 100
111 40.9 28.8 53.4
148 63.5 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.190 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Tgt Ion:146 Resp: 144501
Ion Ratio Lower Upper
146 100
111 39.3 27.4 51.0
148 65.3 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 5.075 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

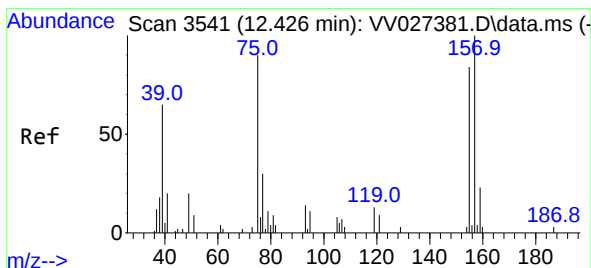
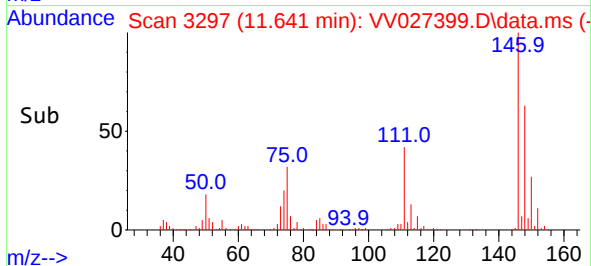
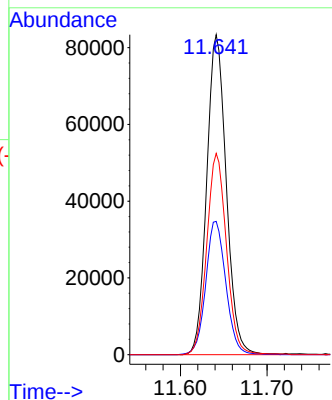
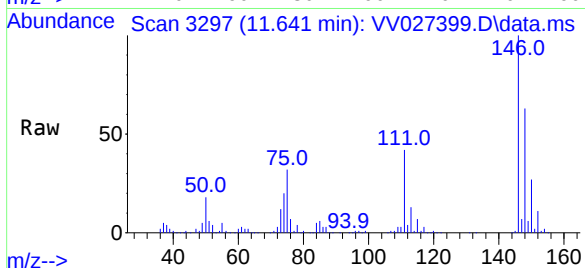
Tgt Ion:146 Resp: 130786

Ion Ratio Lower Upper

146 100

111 41.7 33.2 49.8

148 62.9 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.831 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

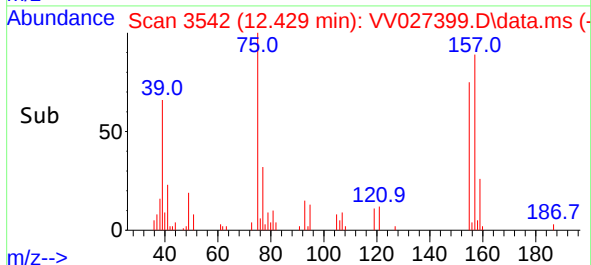
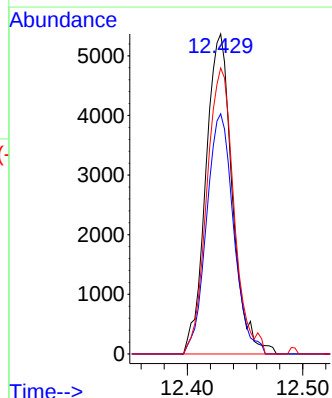
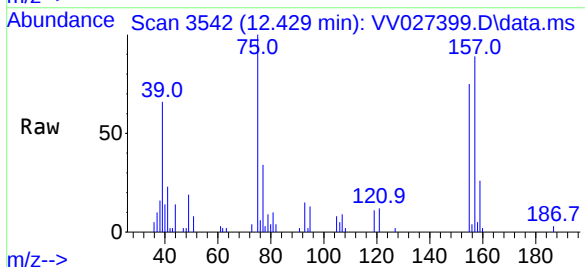
Tgt Ion: 75 Resp: 8545

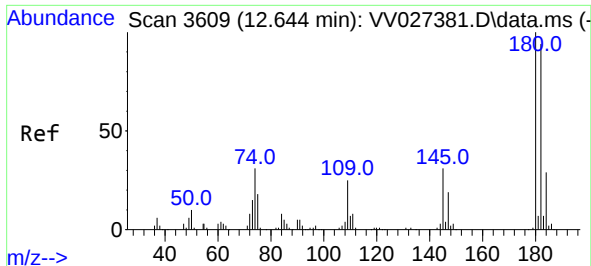
Ion Ratio Lower Upper

75 100

155 75.1 65.8 98.6

157 89.4 73.0 109.4





#69

1,3,5-Trichlorobenzene

Concen: 4.901 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 97782

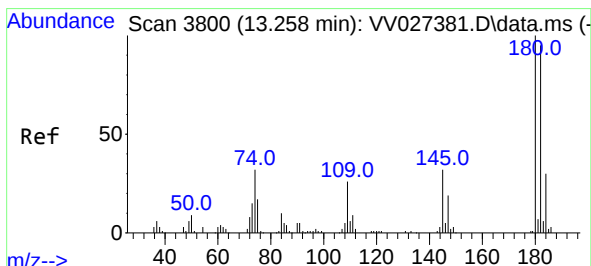
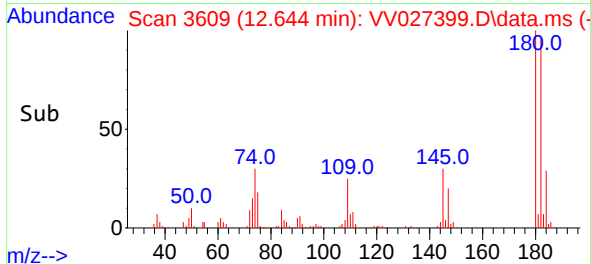
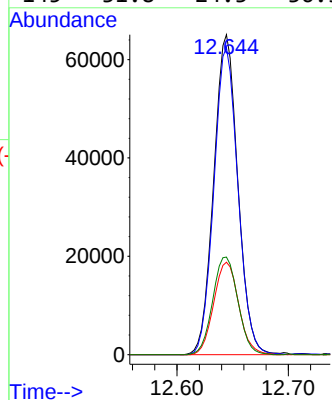
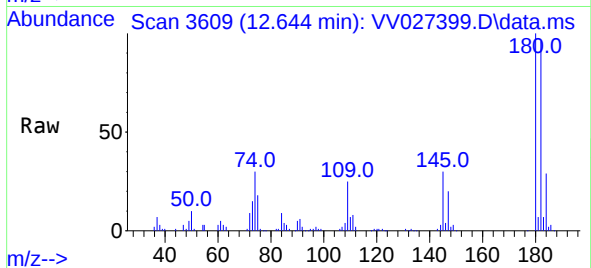
Ion Ratio Lower Upper

180 100

182 95.8 74.7 112.1

184 30.0 23.3 34.9

145 31.8 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 4.881 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027399.D

Acq: 15 Aug 2022 20:07

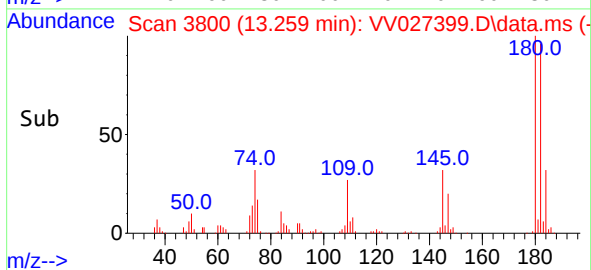
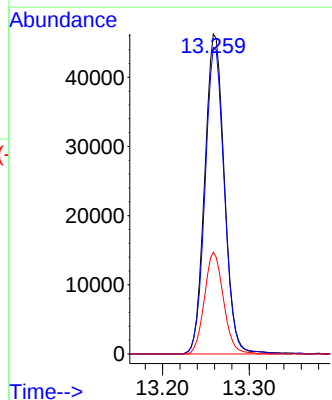
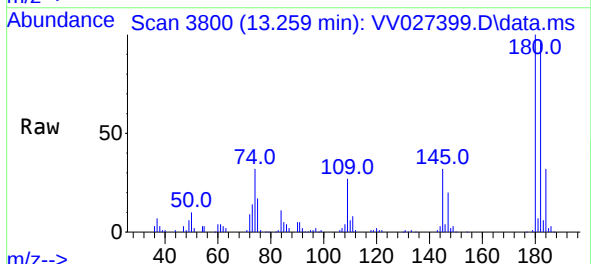
Tgt Ion:180 Resp: 72784

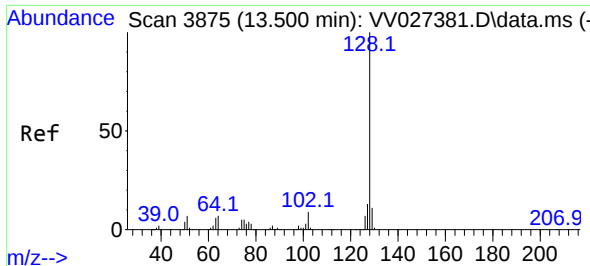
Ion Ratio Lower Upper

180 100

182 94.4 77.4 116.0

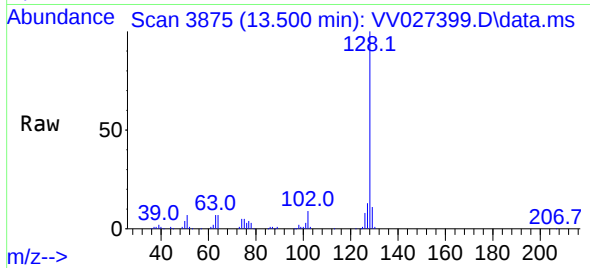
145 30.8 24.9 37.3



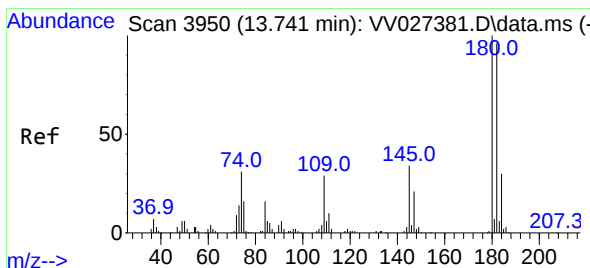
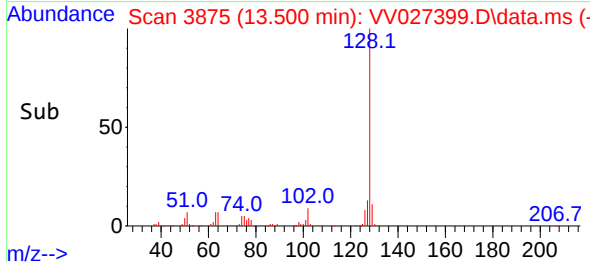
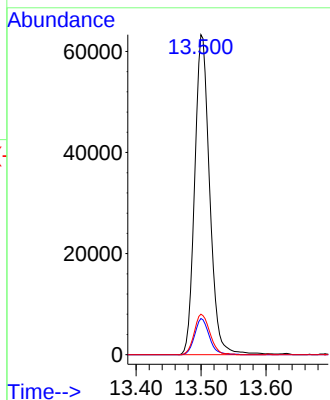


#71
Naphthalene
Concen: 4.403 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 101439
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.758 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027399.D
Acq: 15 Aug 2022 20:07

Tgt Ion:180 Resp: 66129
Ion Ratio Lower Upper
180 100
182 96.6 73.8 110.6
145 33.0 27.0 40.4

