

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100422\
 Data File : VW028356.D
 Acq On : 05 Oct 2022 03:49
 Operator : SY/MD
 Sample : N4872-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 04:19:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	229855	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	230026	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	134499	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	59993	3.474	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.561	69	56358	3.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.105	63	124610	3.828	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	3.899	46	171943	58.841	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.680%
24) Chloroform-d	4.342	84	174715	5.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
26) 1,2-Dichloroethane-d4	5.027	65	63062	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.043	84	270760	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.063	67	82793	4.574	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.310	98	250684	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.622	79	29364	4.259	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.085	63	146652	51.970	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.940%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	65366	4.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	98194	4.242	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	81225	4.393	ug/L	93
3) Chloromethane	1.236	50	79757	4.552	ug/L	97
5) Vinyl chloride	1.304	62	90618	4.593	ug/L	94
6) Bromomethane	1.516	94	34663	3.699	ug/L	97
8) Chloroethane	1.580	64	65709	4.997	ug/L	91
9) Trichlorofluoromethane	1.748	101	127688	4.307	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	70918	4.277	ug/L	97
12) 1,1-Dichloroethene	2.111	96	73707	4.470	ug/L	75
13) Acetone	2.195	43	104544	54.483	ug/L	96
14) Carbon disulfide	2.288	76	226677	4.413	ug/L	99
15) Methyl Acetate	2.439	43	22618	4.331	ug/L	# 85
16) Methylene chloride	2.500	84	82632	4.452	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	157866	4.663	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	79649	4.638	ug/L	95
19) 1,1-Dichloroethane	3.182	63	144788	4.950	ug/L	98
21) 2-Butanone	3.985	43	179357	61.572	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	90082	5.209	ug/L	92
23) Bromochloromethane	4.243	128	37052	4.837	ug/L	# 86
25) Chloroform	4.365	83	1066927	33.263	ug/L	100

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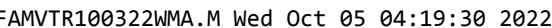
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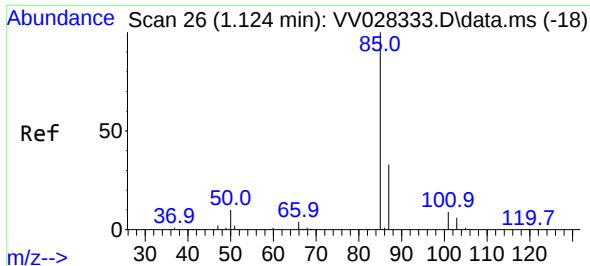
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	80893	4.707	ug/L #	94
29) 1,1,1-Trichloroethane	4.600	97	130043	4.583	ug/L	98
30) Cyclohexane	4.670	56	110848	4.534	ug/L	91
31) Carbon tetrachloride	4.818	117	1720896	67.610	ug/L	100
33) Benzene	5.092	78	326151	4.763	ug/L	100
34) Trichloroethene	5.908	95	88056	5.136	ug/L	91
35) Methylcyclohexane	6.127	83	121463	4.339	ug/L	95
37) 1,2-Dichloropropane	6.169	63	78085	4.924	ug/L	98
38) Bromodichloromethane	6.503	83	101026	4.619	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	102423	4.524	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	386765	53.081	ug/L	95
42) Toluene	7.384	91	348971	4.843	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	85494	4.446	ug/L	94
45) 1,1,2-Trichloroethane	7.834	97	55590	4.726	ug/L	99
47) Tetrachloroethene	7.969	164	77119	5.147	ug/L	97
48) 2-Hexanone	8.136	43	281515	55.164	ug/L	94
49) Dibromochloromethane	8.239	129	68096	4.574	ug/L	95
50) 1,2-Dibromoethane	8.349	107	51953	4.908	ug/L	97
51) Chlorobenzene	8.876	112	458016	9.558	ug/L	99
52) Ethylbenzene	9.008	91	358305	4.732	ug/L	99
53) m,p-Xylene	9.136	106	140784	4.664	ug/L	97
54) o-Xylene	9.538	106	132868	4.654	ug/L	97
55) Styrene	9.558	104	236705	4.824	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	66625	4.992	ug/L	95
59) Bromoform	9.728	173	37857	4.274	ug/L	100
60) Isopropylbenzene	9.927	105	349677	4.249	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	45559	4.390	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	96186	4.113	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	275426	4.155	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	1601050	39.600	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	3957839	97.765	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	3809271	103.884	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.422	75	11096	4.694	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	137688	4.306	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	221179	9.076	ug/L	99
71) Naphthalene	13.496	128	168673	4.431	ug/L	100
72) 1,2,3-Trichlorobenzene	13.737	180	152708	6.951	ug/L	98

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

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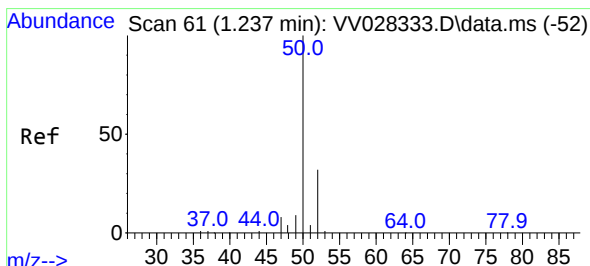
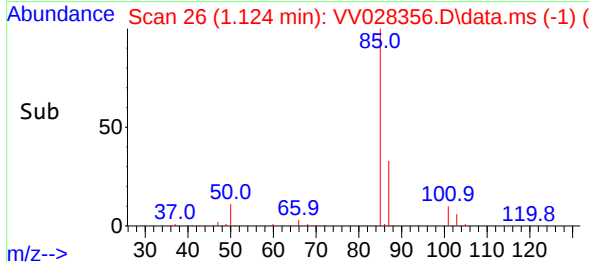
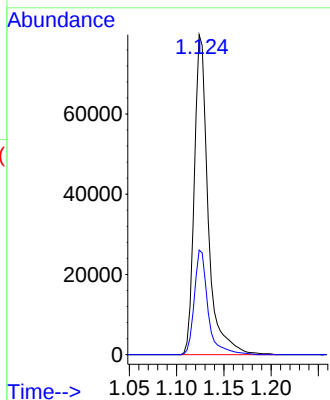
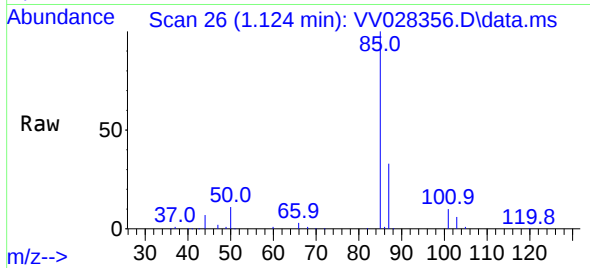




#2
 Dichlorodifluoromethane
 Concen: 4.393 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028356.D
 Acq: 05 Oct 2022 03:49

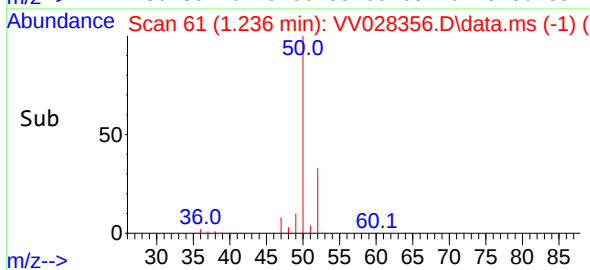
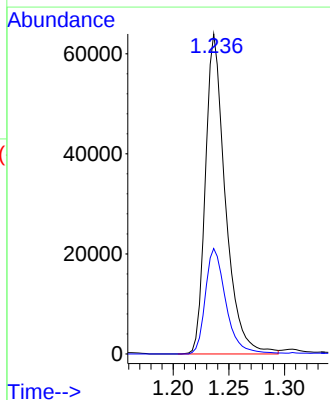
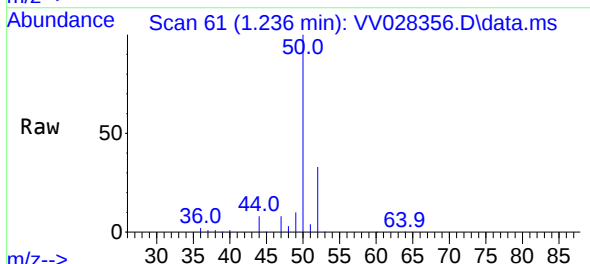
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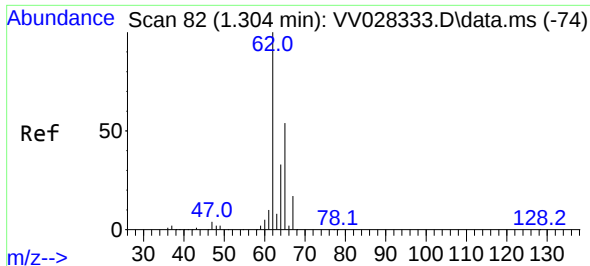
Tgt Ion: 85 Resp: 81225
 Ion Ratio Lower Upper
 85 100
 87 32.5 22.8 34.2



#3
 Chloromethane
 Concen: 4.552 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028356.D
 Acq: 05 Oct 2022 03:49

Tgt Ion: 50 Resp: 79757
 Ion Ratio Lower Upper
 50 100
 52 32.9 24.4 45.2

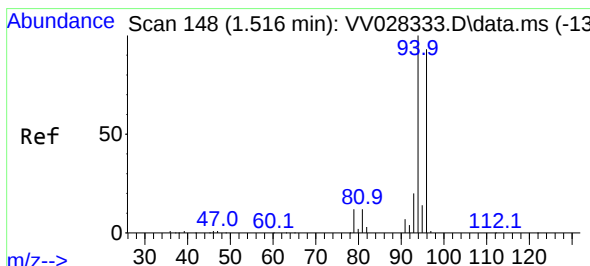
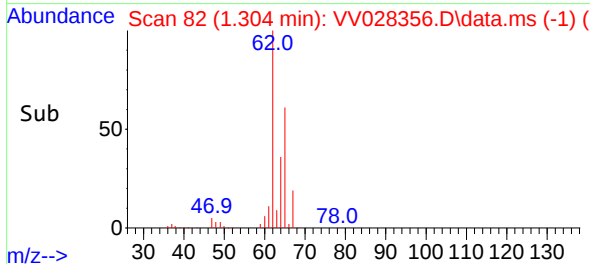
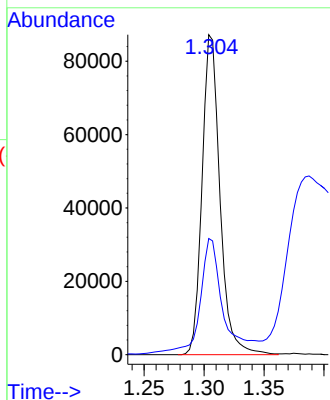
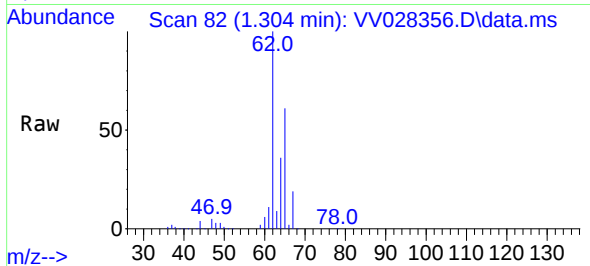




#5
 Vinyl chloride
 Concen: 4.593 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028356.D
 Acq: 05 Oct 2022 03:49

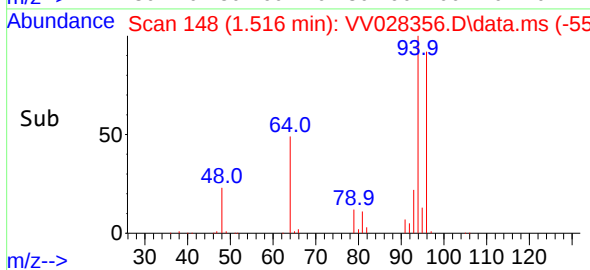
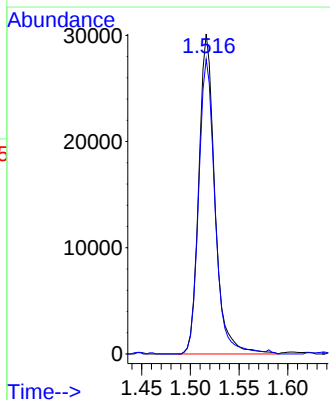
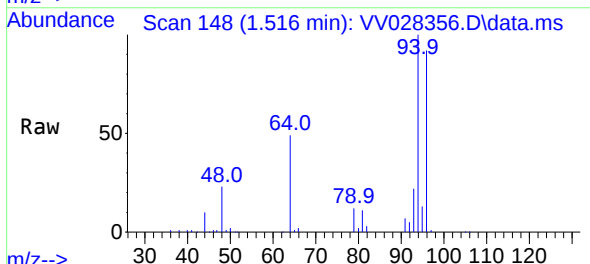
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 ClientSampleId :

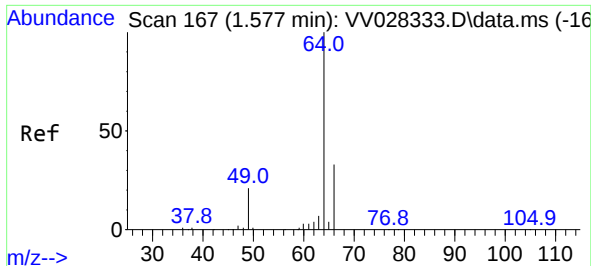
Tgt Ion: 62 Resp: 90618
 Ion Ratio Lower Upper
 62 100
 64 36.3 23.0 42.8



#6
 Bromomethane
 Concen: 3.699 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028356.D
 Acq: 05 Oct 2022 03:49

Tgt Ion: 94 Resp: 34663
 Ion Ratio Lower Upper
 94 100
 96 92.2 66.7 123.9

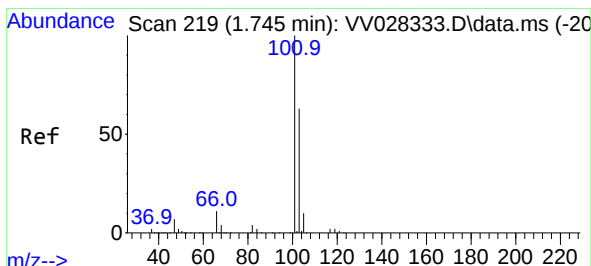
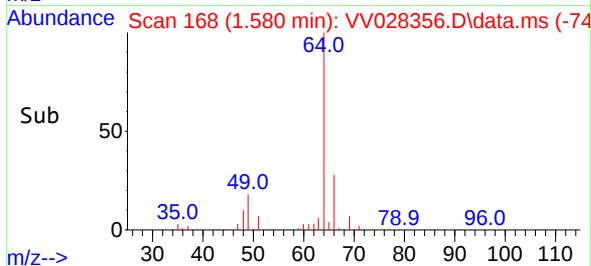
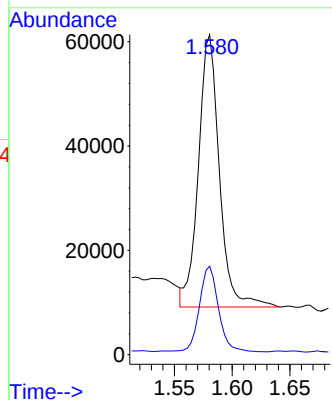
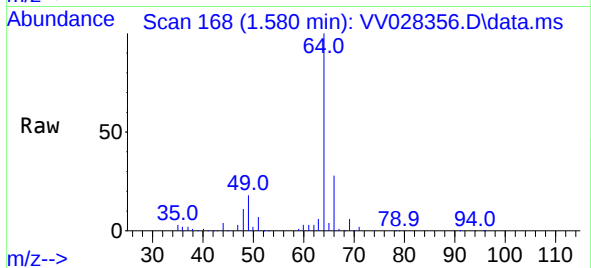




#8
Chloroethane
Concen: 4.997 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

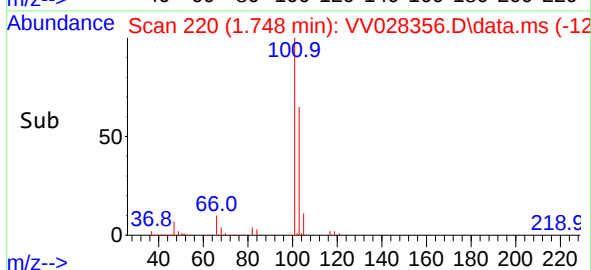
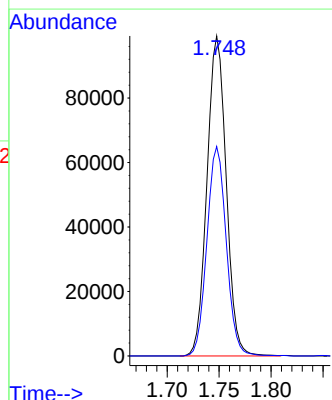
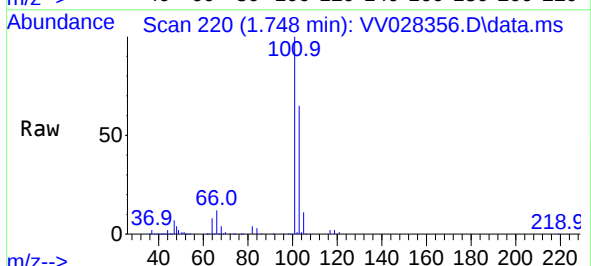
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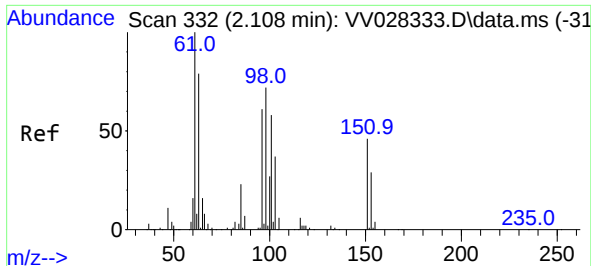
Tgt Ion: 64 Resp: 65709
Ion Ratio Lower Upper
64 100
66 27.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.307 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Tgt Ion:101 Resp: 127688
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.0

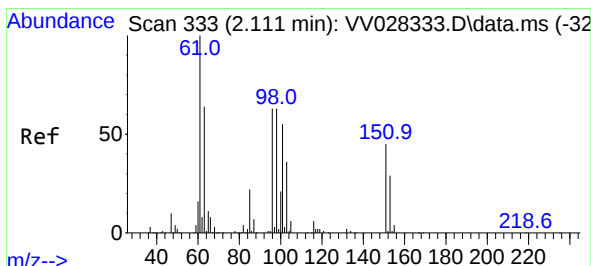
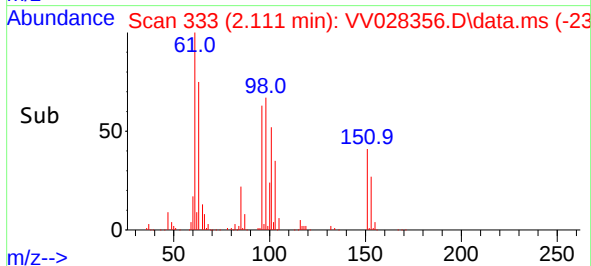
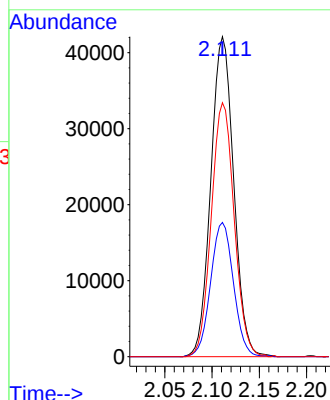
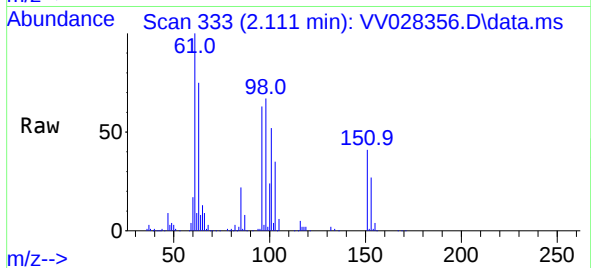




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.277 ug/L
RT: 2.111 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

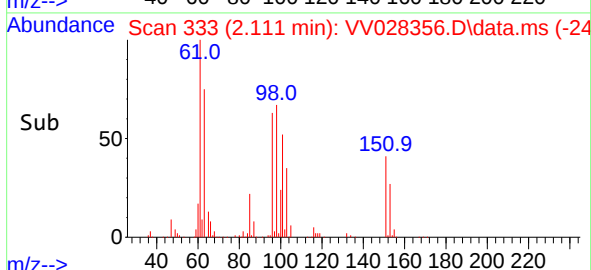
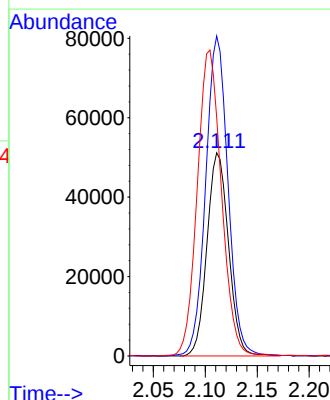
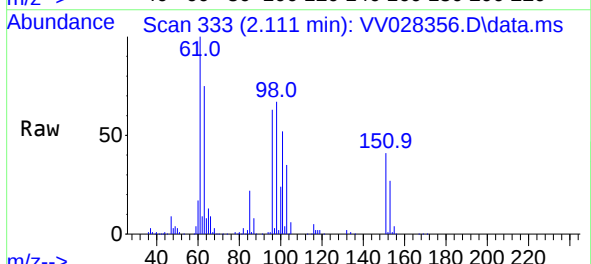
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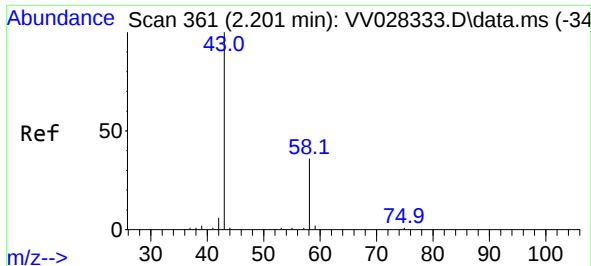
Tgt Ion:101 Resp: 70918
Ion Ratio Lower Upper
101 100
85 41.9 34.4 51.6
151 79.4 61.1 91.7



#12
1,1-Dichloroethene
Concen: 4.470 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Tgt Ion: 96 Resp: 73707
Ion Ratio Lower Upper
96 100
61 157.5 128.3 238.3
63 117.4 112.7 209.3





#13

Acetone

Concen: 54.483 ug/L

RT: 2.195 min Scan# 3

Delta R.T. 0.020 min

Lab File: VV028356.D

Acq: 05 Oct 2022 03:49

Instrument :

MSVOA_V

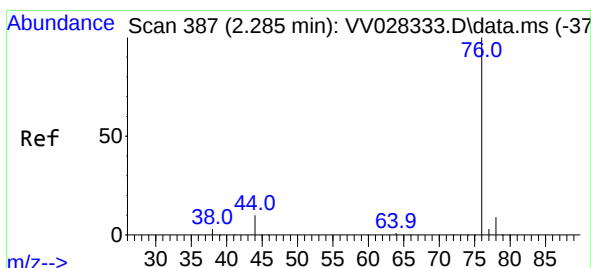
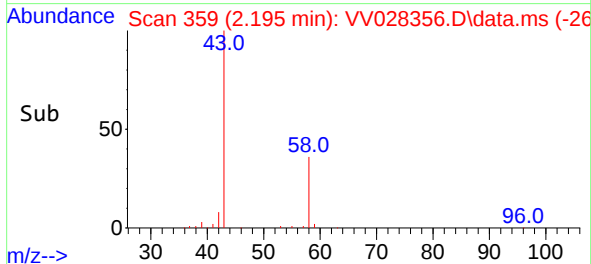
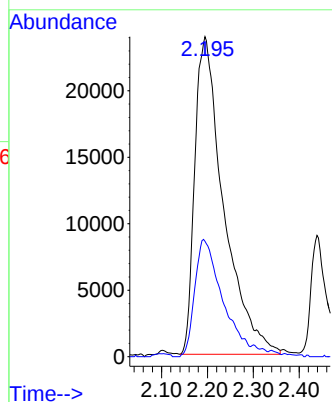
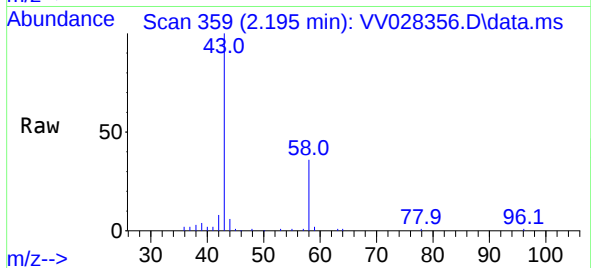
ClientSampleId :

Tgt Ion: 43 Resp: 104544

Ion Ratio Lower Upper

43 100

58 35.1 0.0 65.6



#14

Carbon disulfide

Concen: 4.413 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV028356.D

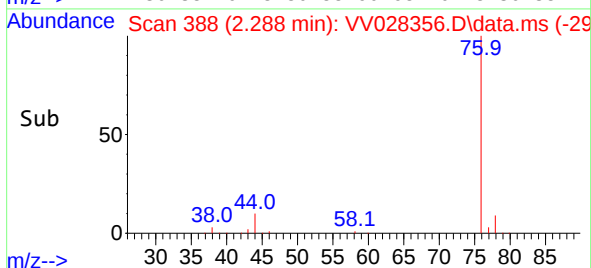
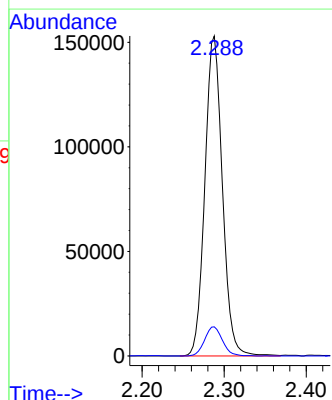
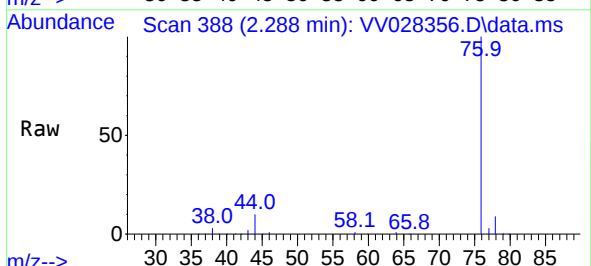
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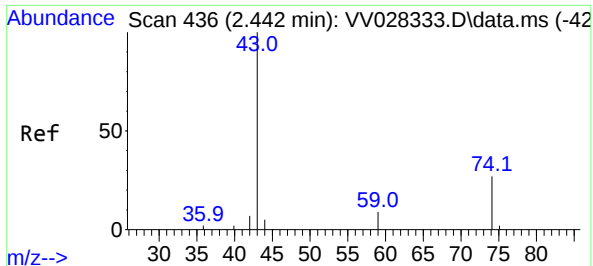
Tgt Ion: 76 Resp: 226677

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4

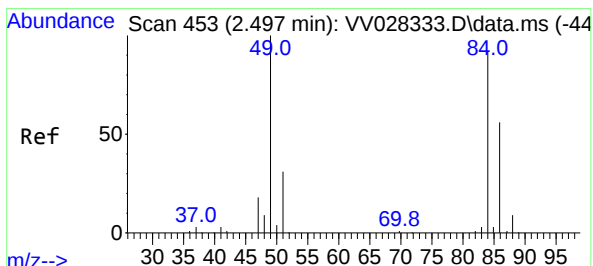
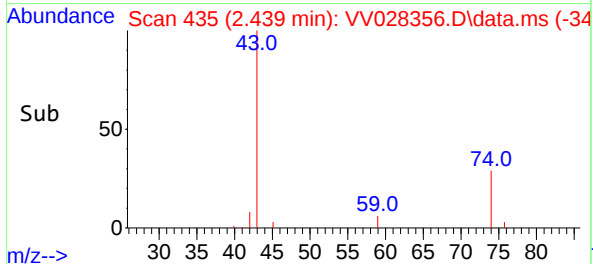
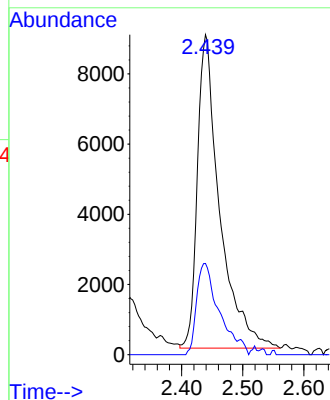
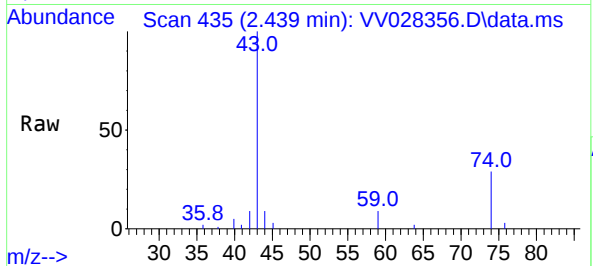




#15
Methyl Acetate
Concen: 4.331 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

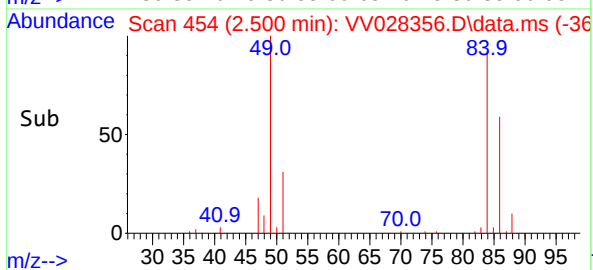
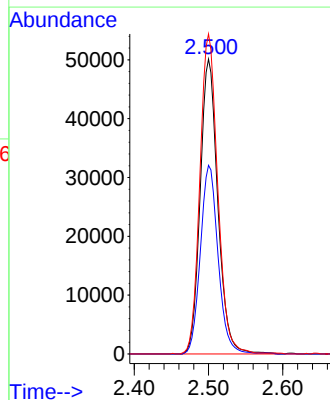
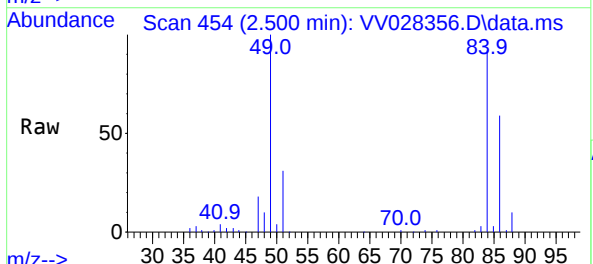
Instrument :
MSVOA_V
ClientSampleId :

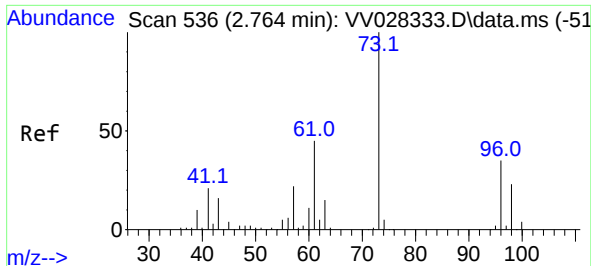
Tgt Ion: 43 Resp: 22618
Ion Ratio Lower Upper
43 100
74 28.2 16.9 25.3#



#16
Methylene chloride
Concen: 4.452 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Tgt Ion: 84 Resp: 82632
Ion Ratio Lower Upper
84 100
86 64.0 46.8 86.8
49 108.5 87.5 162.5





#17

Methyl tert-butyl Ether

Concen: 4.663 ug/L

RT: 2.764 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV028356.D

Acq: 05 Oct 2022 03:49

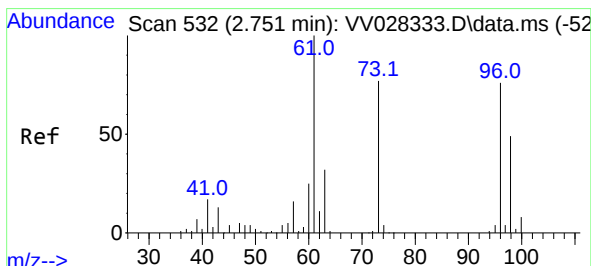
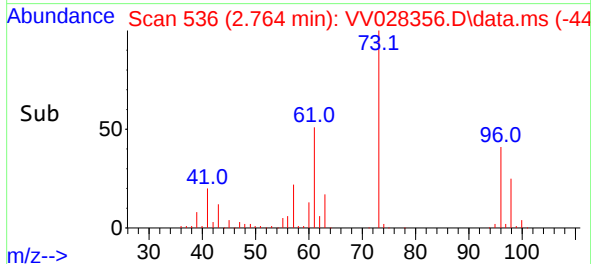
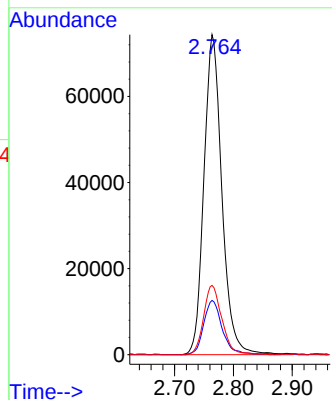
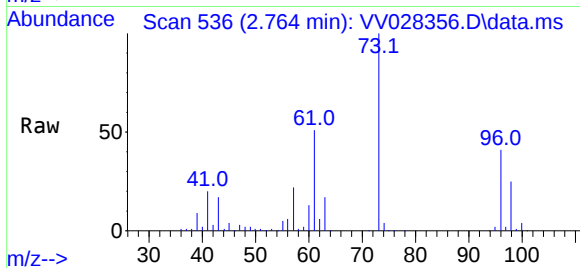
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 73 Resp: 157866

Ion	Ratio	Lower	Upper
73	100		
43	17.5	15.7	23.5
57	22.0	17.8	26.8



#18

trans-1,2-Dichloroethene

Concen: 4.638 ug/L

RT: 2.754 min Scan# 533

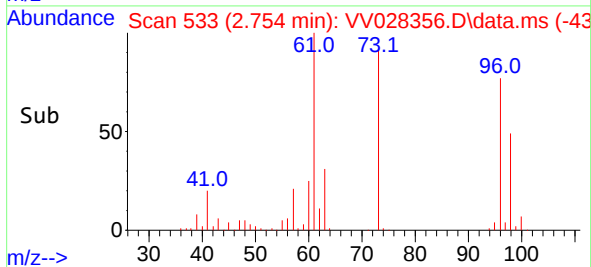
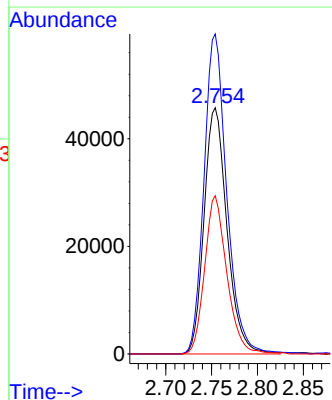
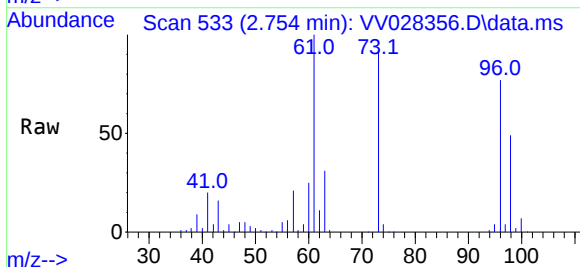
Delta R.T. 0.003 min

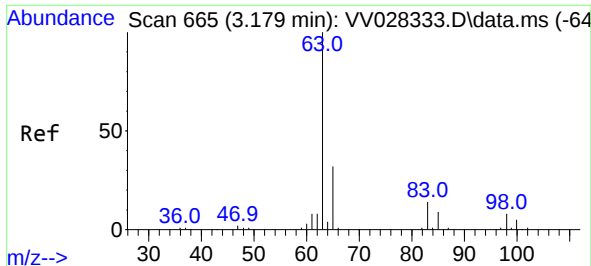
Lab File: VV028356.D

Acq: 05 Oct 2022 03:49

Tgt Ion: 96 Resp: 79649

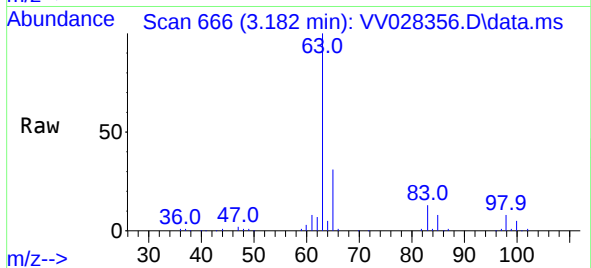
Ion	Ratio	Lower	Upper
96	100		
61	129.9	96.2	178.6
98	64.3	45.7	84.9



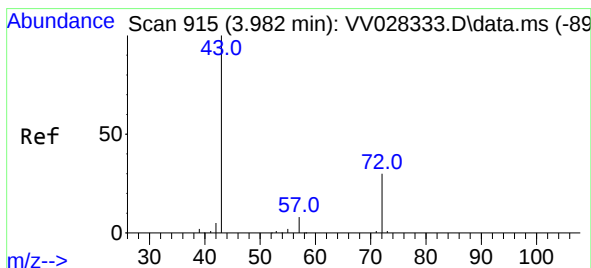
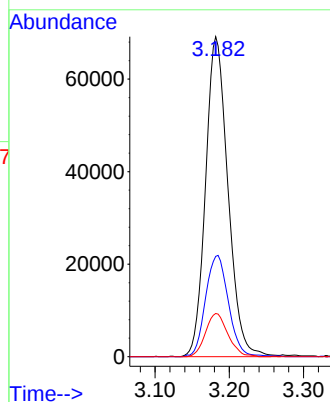
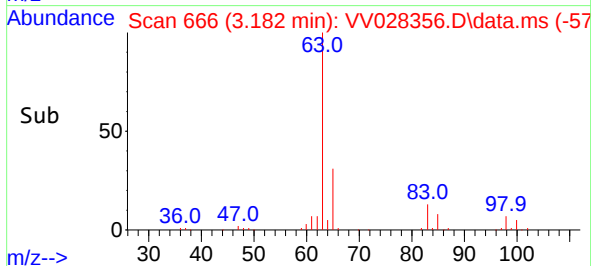


#19
1,1-Dichloroethane
Concen: 4.950 ug/L
RT: 3.182 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Instrument :
MSVOA_V
ClientSampleId :

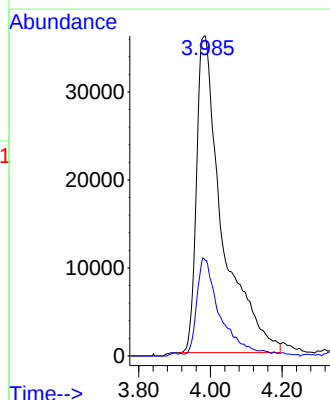
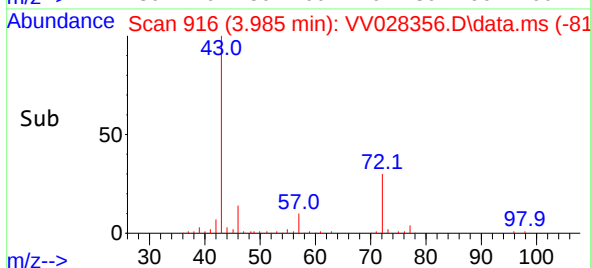
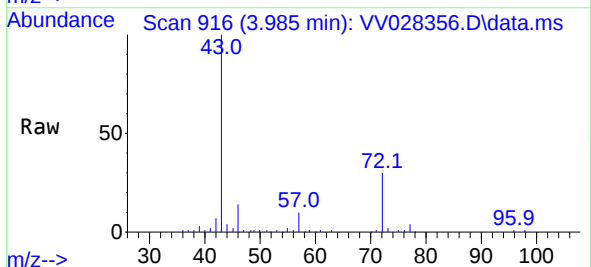


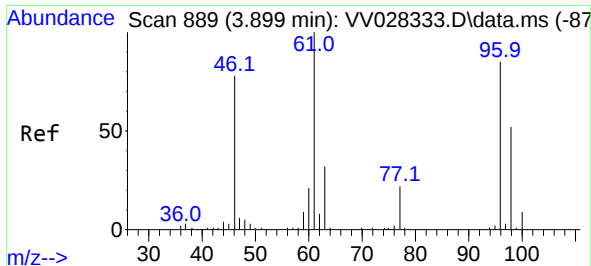
Tgt Ion: 63 Resp: 144788
Ion Ratio Lower Upper
63 100
65 31.4 23.0 42.8
83 13.5 9.2 17.2



#21
2-Butanone
Concen: 61.572 ug/L
RT: 3.985 min Scan# 916
Delta R.T. 0.016 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

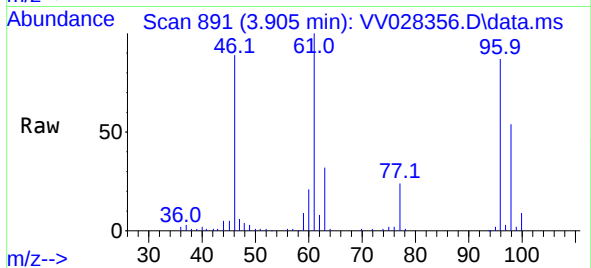
Tgt Ion: 43 Resp: 179357
Ion Ratio Lower Upper
43 100
72 26.1 12.7 38.1





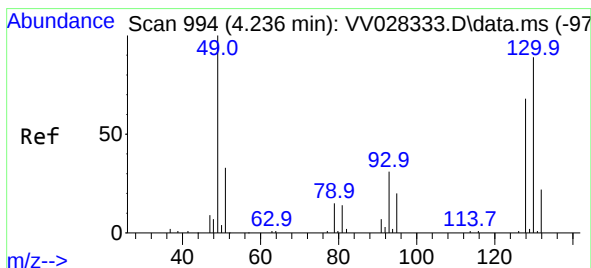
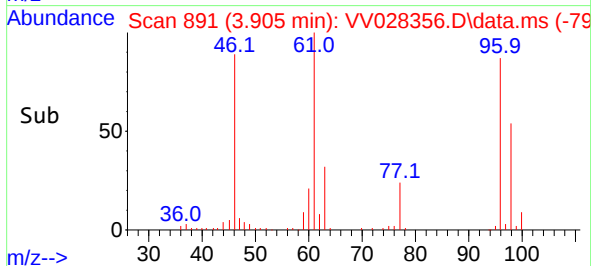
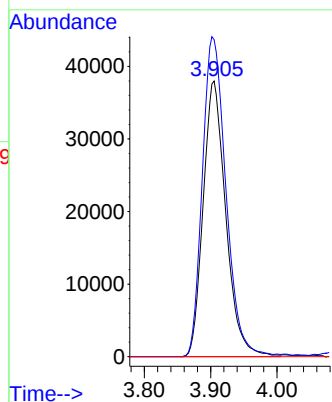
#22
 cis-1,2-Dichloroethene
 Concen: 5.209 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV028356.D
 Acq: 05 Oct 2022 03:49

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 90082

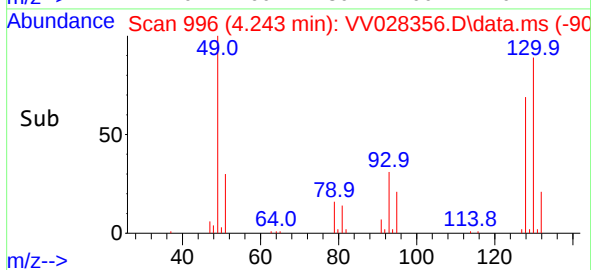
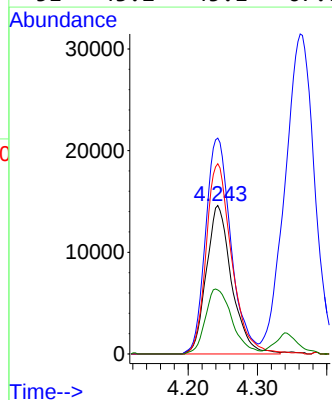
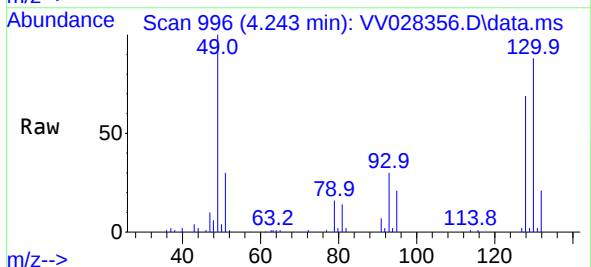
Ion	Ratio	Lower	Upper
96	100		
61	114.9	87.2	161.9
68	0.0	0.0	0.0

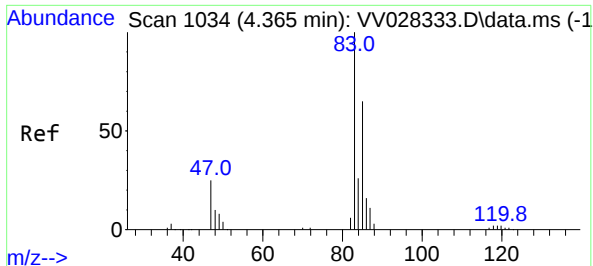


#23
 Bromochloromethane
 Concen: 4.837 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV028356.D
 Acq: 05 Oct 2022 03:49

Tgt Ion: 128 Resp: 37052

Ion	Ratio	Lower	Upper
128	100		
49	145.4	119.9	222.7
130	128.1	94.6	175.8
51	43.2	45.1	67.7





#25

Chloroform

Concen: 33.263 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV028356.D

Acq: 05 Oct 2022 03:49

Instrument :

MSVOA_V

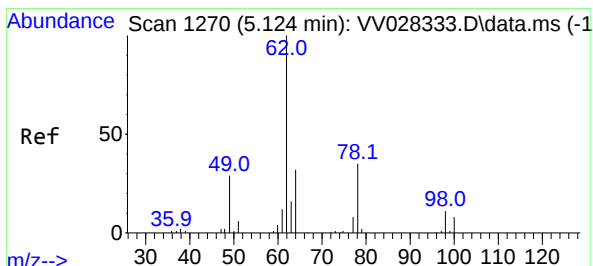
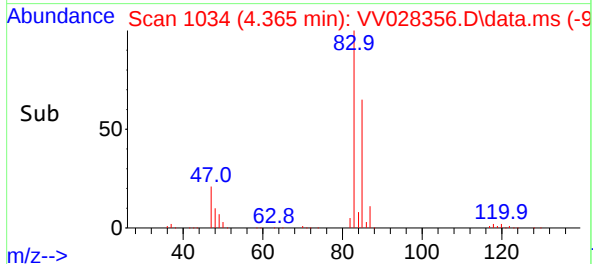
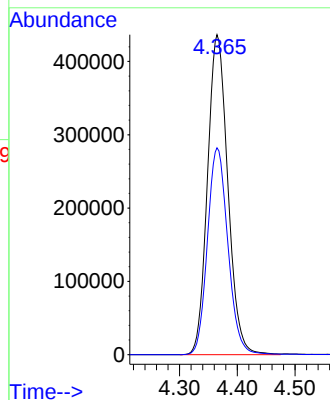
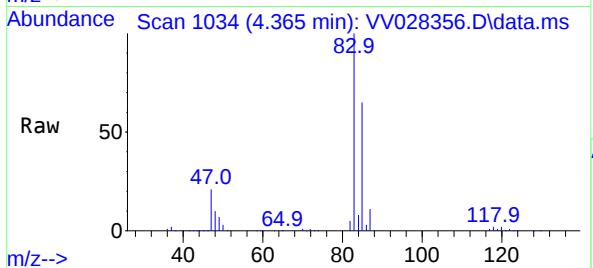
ClientSampleId :

Tgt Ion: 83 Resp: 1066927

Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.707 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV028356.D

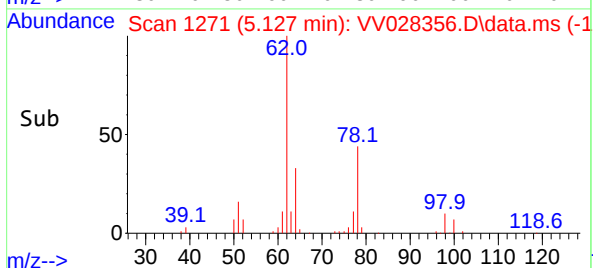
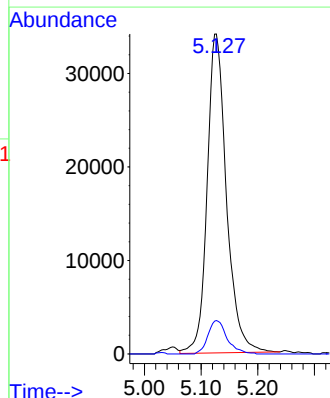
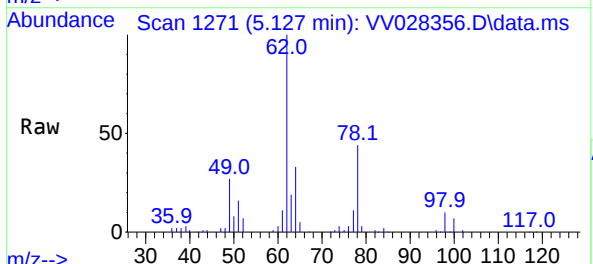
Acq: 05 Oct 2022 03:49

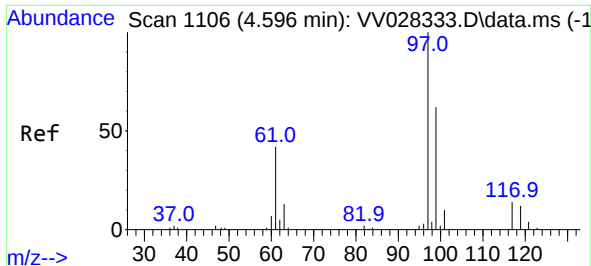
Tgt Ion: 62 Resp: 80893

Ion Ratio Lower Upper

62 100

98 10.5 6.7 10.1#

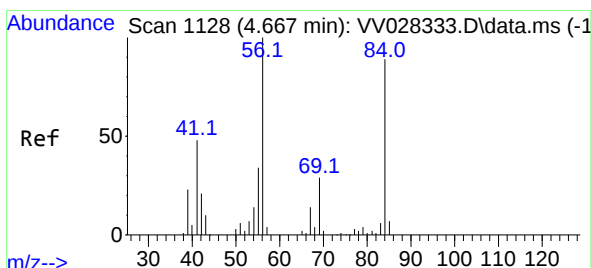
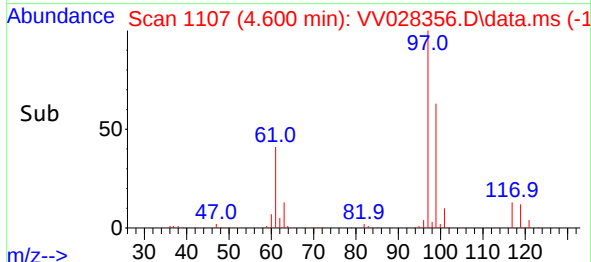
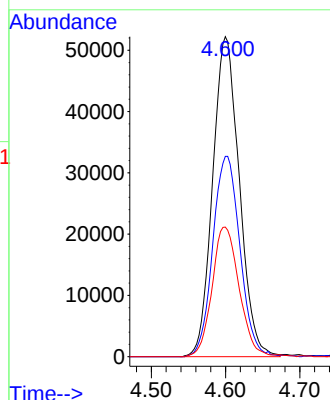
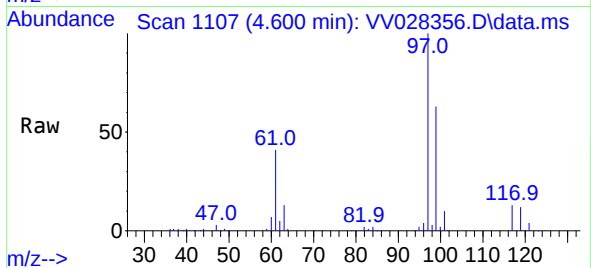




#29
1,1,1-Trichloroethane
Concen: 4.583 ug/L
RT: 4.600 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

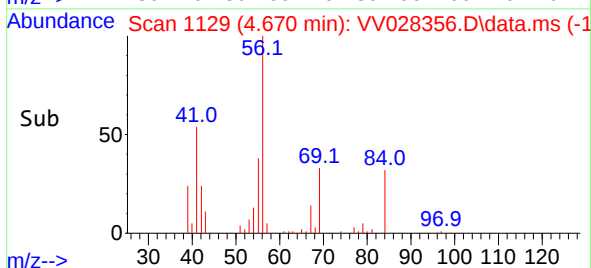
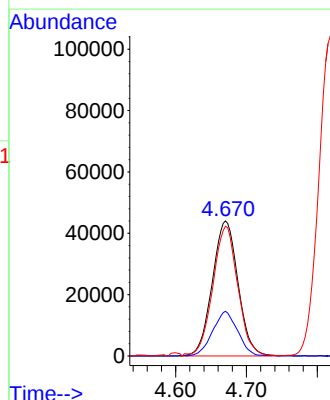
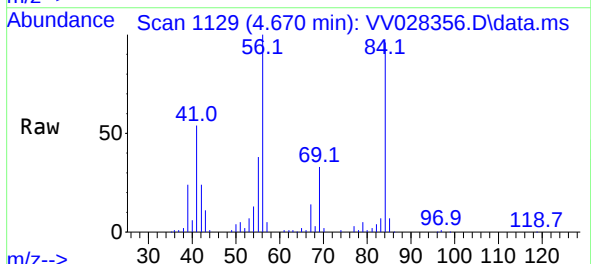
Instrument :
MSVOA_V
ClientSampleId :

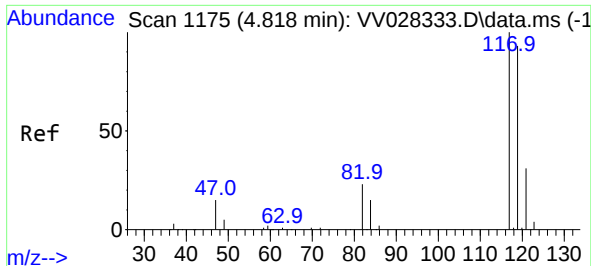
Tgt Ion: 97 Resp: 130043
Ion Ratio Lower Upper
97 100
99 63.8 51.9 77.9
61 41.1 34.8 52.2



#30
Cyclohexane
Concen: 4.534 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Tgt Ion: 56 Resp: 110848
Ion Ratio Lower Upper
56 100
69 32.2 23.7 35.5
84 93.3 67.3 100.9

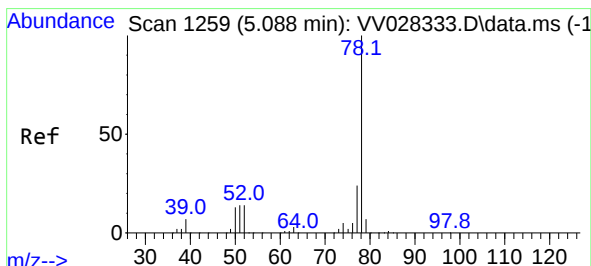
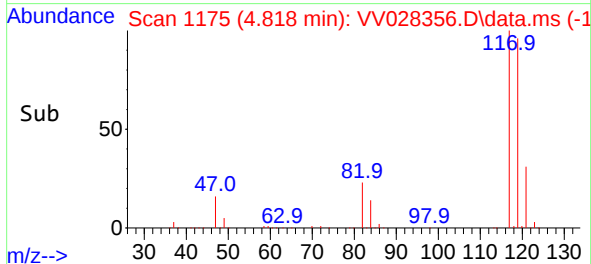
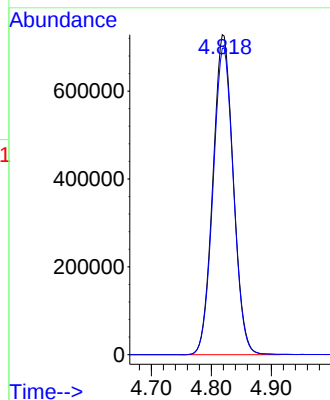
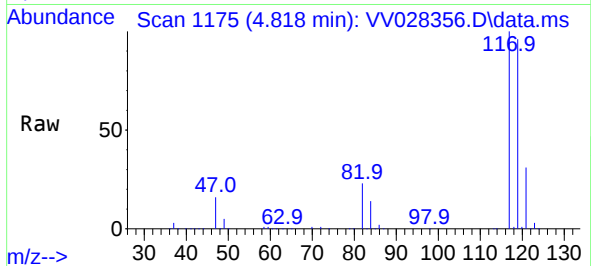




#31
Carbon tetrachloride
Concen: 67.610 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

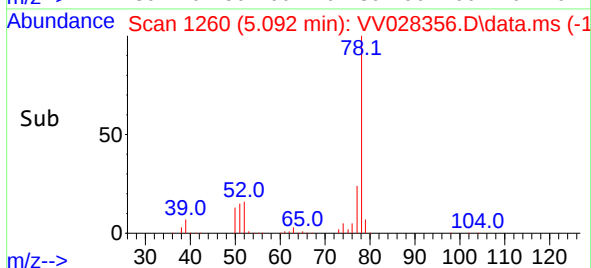
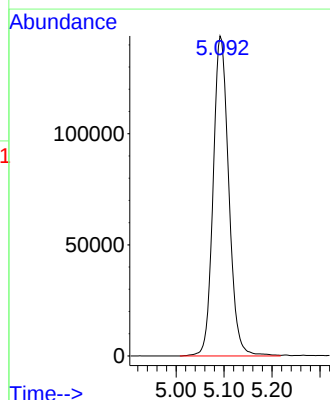
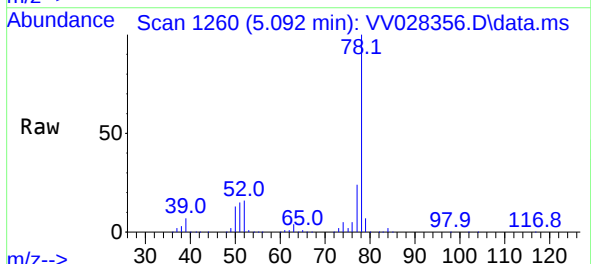
Instrument :
MSVOA_V
ClientSampleId :

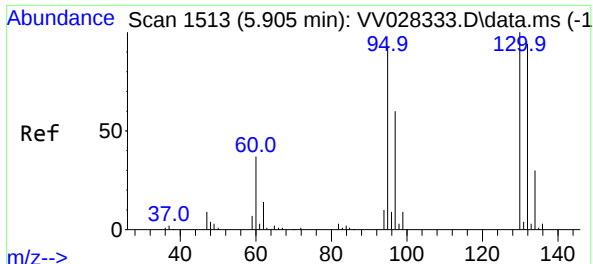
Tgt Ion:117 Resp: 1720896
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3



#33
Benzene
Concen: 4.763 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Tgt Ion: 78 Resp: 326151





#34

Trichloroethene

Concen: 5.136 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028356.D

Acq: 05 Oct 2022 03:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 88056

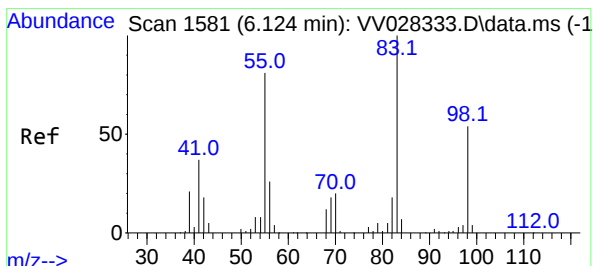
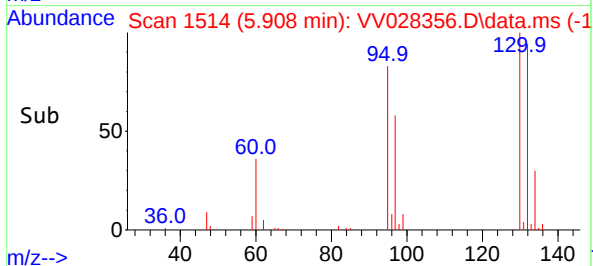
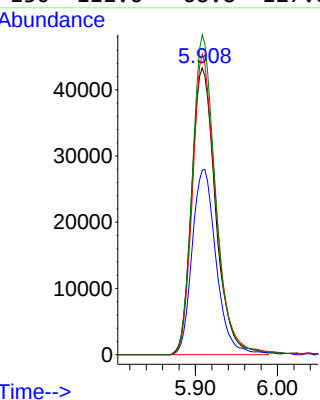
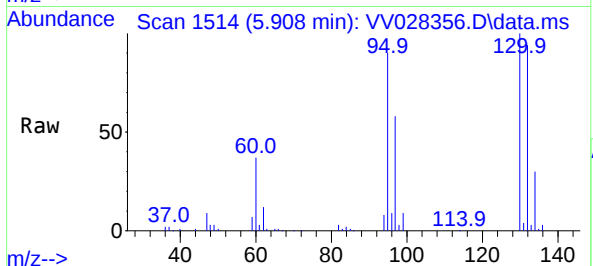
Ion Ratio Lower Upper

95 100

97 64.3 44.2 82.0

132 104.8 67.8 126.0

130 111.6 68.8 127.8



#35

Methylcyclohexane

Concen: 4.339 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV028356.D

Acq: 05 Oct 2022 03:49

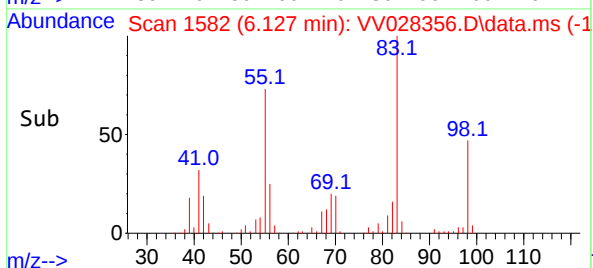
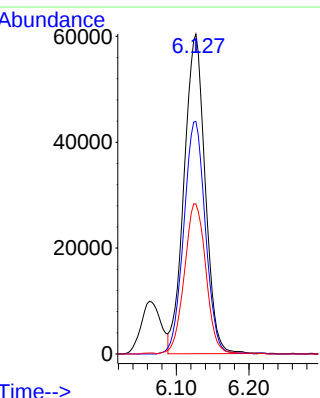
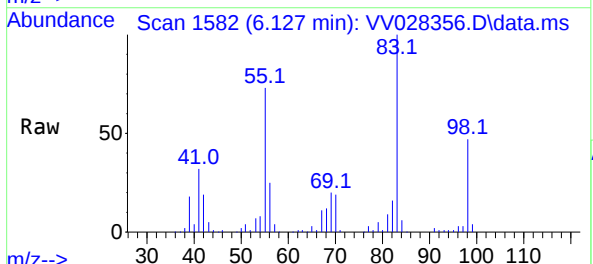
Tgt Ion: 83 Resp: 121463

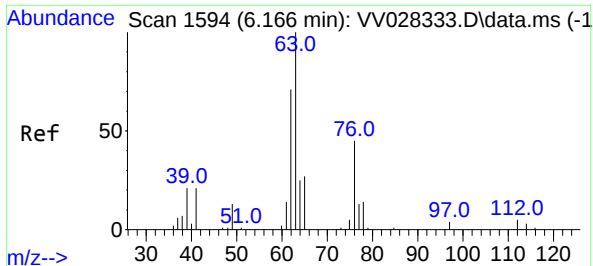
Ion Ratio Lower Upper

83 100

55 75.0 64.7 97.1

98 48.4 39.5 59.3

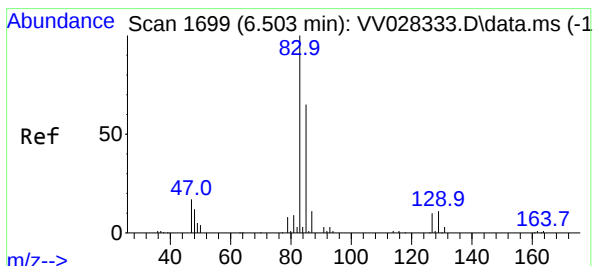
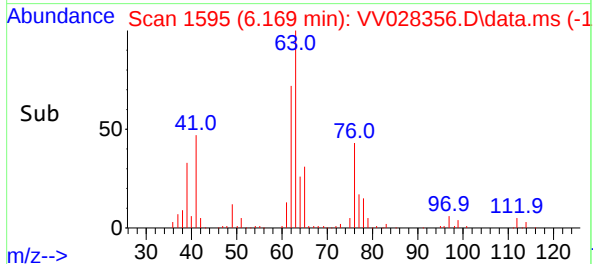
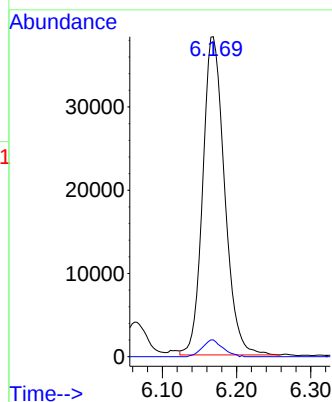
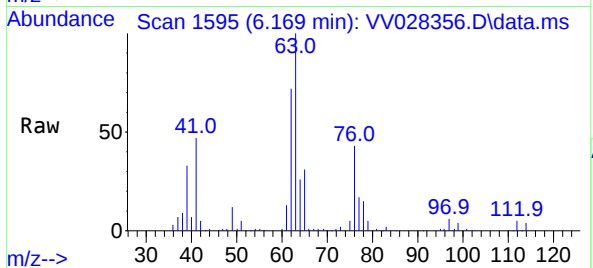




#37
1,2-Dichloropropane
Concen: 4.924 ug/L
RT: 6.169 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

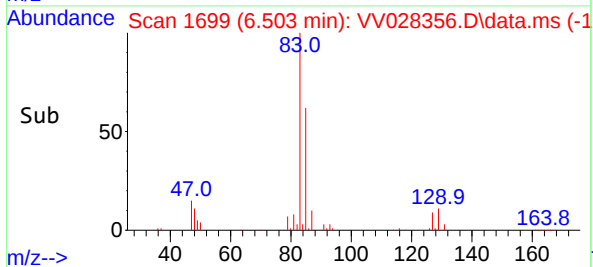
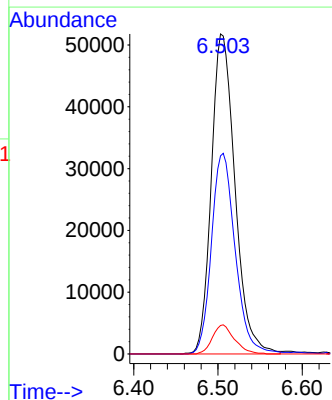
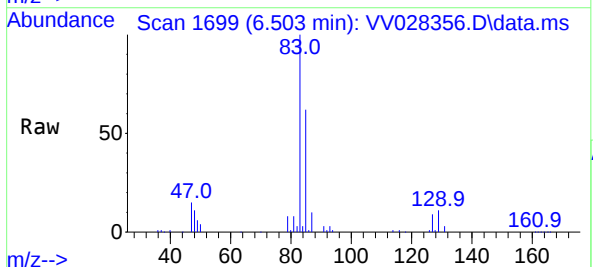
Instrument :
MSVOA_V
ClientSampleId :

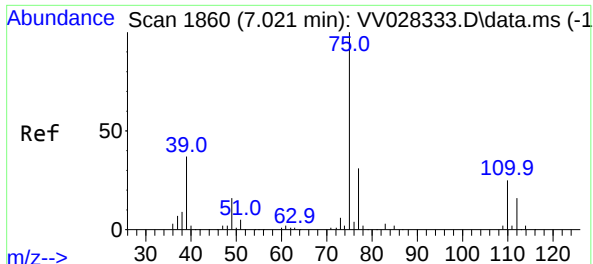
Tgt Ion: 63 Resp: 78085
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3



#38
Bromodichloromethane
Concen: 4.619 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Tgt Ion: 83 Resp: 101026
Ion Ratio Lower Upper
83 100
85 61.9 43.8 81.4
127 8.9 6.3 9.5

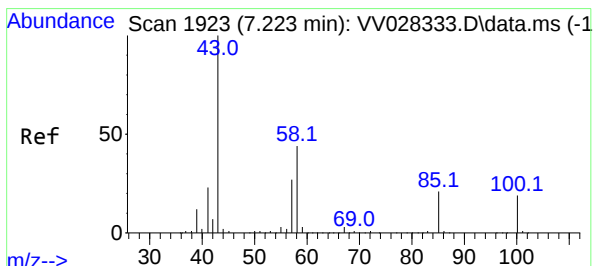
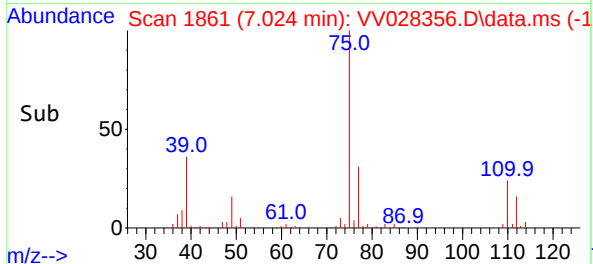
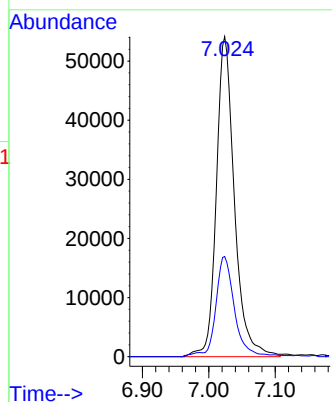
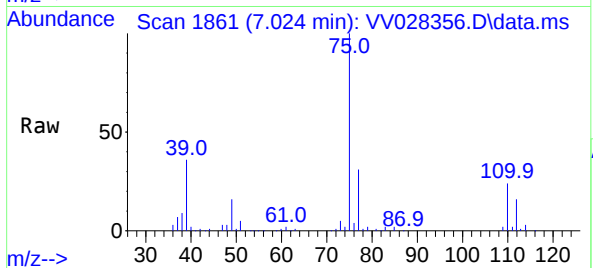




#39
 cis-1,3-Dichloropropene
 Concen: 4.524 ug/L
 RT: 7.024 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: VV028356.D
 Acq: 05 Oct 2022 03:49

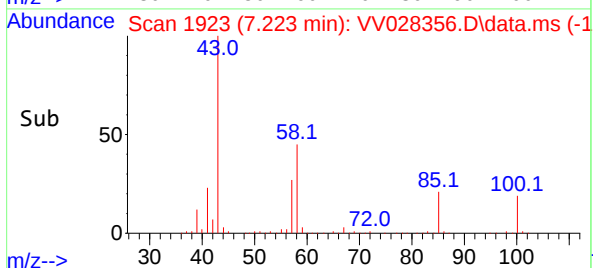
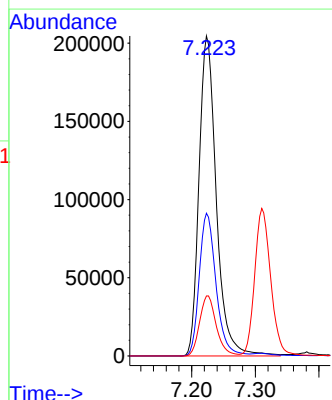
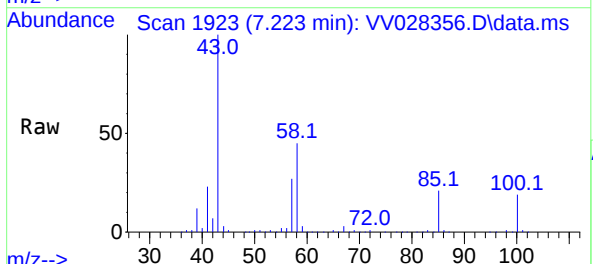
Instrument :
 MSVOA_V
 ClientSampleId :

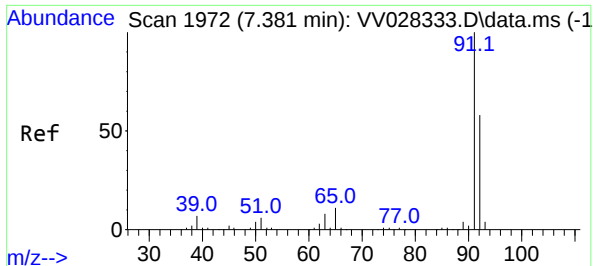
Tgt Ion: 75 Resp: 102423
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 53.081 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VV028356.D
 Acq: 05 Oct 2022 03:49

Tgt Ion: 43 Resp: 386765
 Ion Ratio Lower Upper
 43 100
 58 43.1 32.2 48.4
 100 18.2 12.7 19.1





#42

Toluene

Concen: 4.843 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV028356.D

Acq: 05 Oct 2022 03:49

Instrument :

MSVOA_V

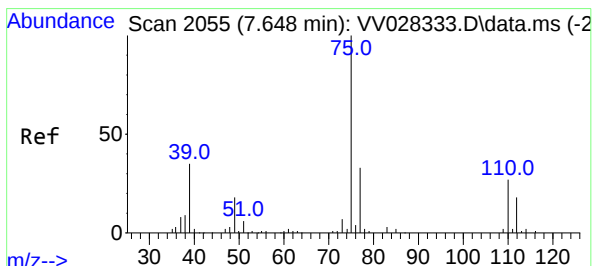
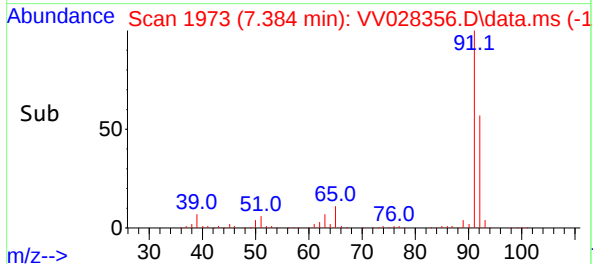
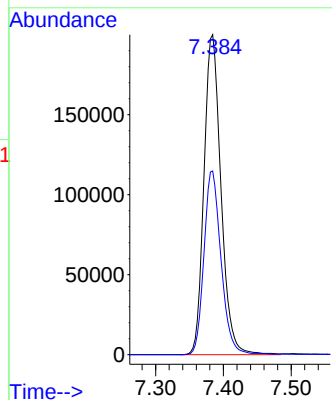
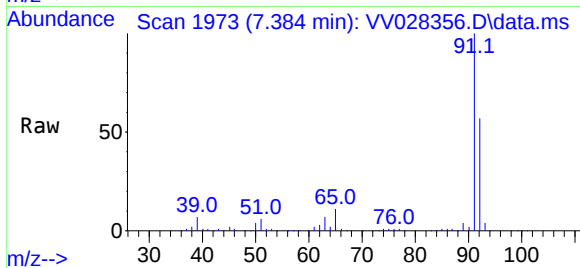
ClientSampleId :

Tgt Ion: 91 Resp: 348971

Ion Ratio Lower Upper

91 100

92 57.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.446 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV028356.D

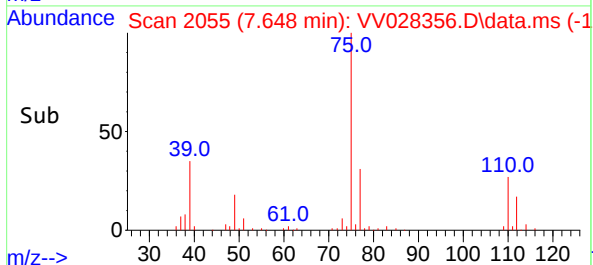
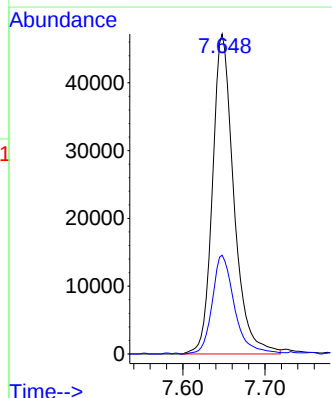
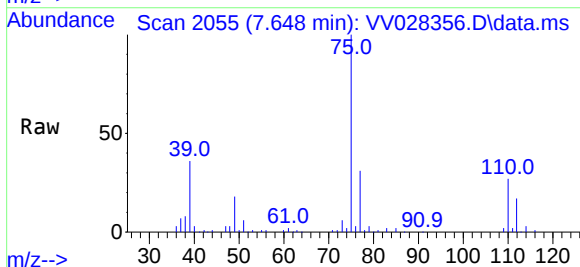
Acq: 05 Oct 2022 03:49

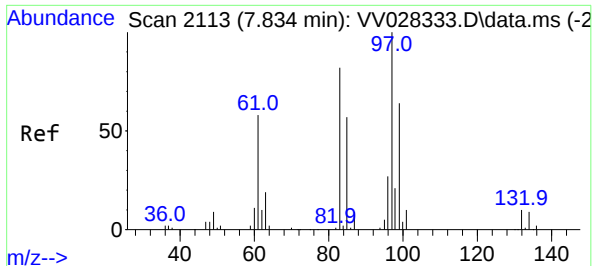
Tgt Ion: 75 Resp: 85494

Ion Ratio Lower Upper

75 100

77 30.8 23.9 44.3





#45

1,1,2-Trichloroethane

Concen: 4.726 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.003 min

Lab File: VV028356.D

Acq: 05 Oct 2022 03:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 55590

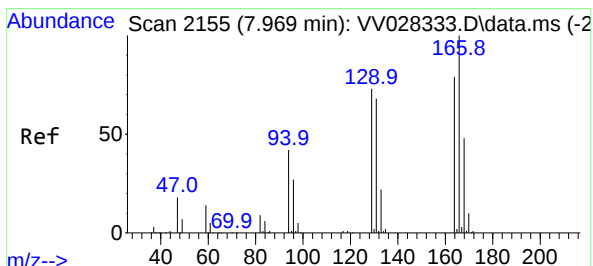
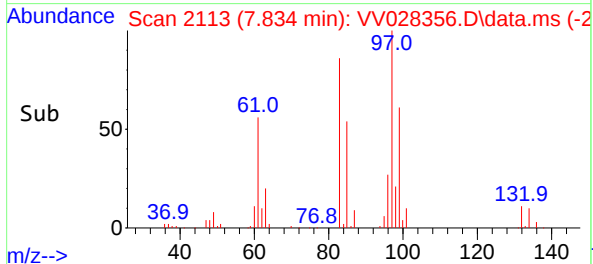
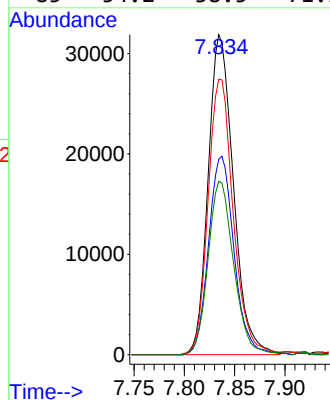
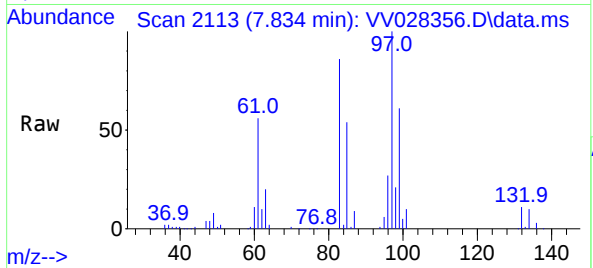
Ion Ratio Lower Upper

97 100

99 61.2 43.2 80.2

83 86.1 59.1 109.9

85 54.2 38.5 71.5



#47

Tetrachloroethene

Concen: 5.147 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028356.D

Acq: 05 Oct 2022 03:49

Tgt Ion:164 Resp: 77119

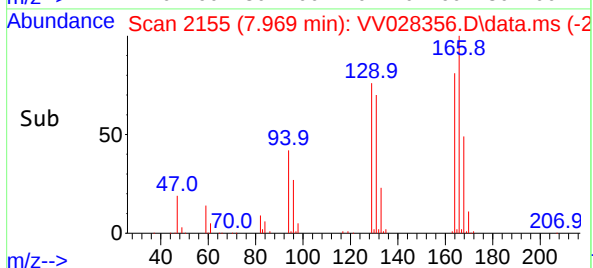
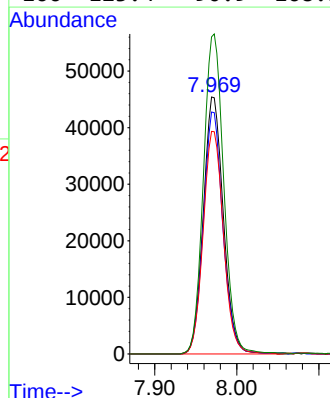
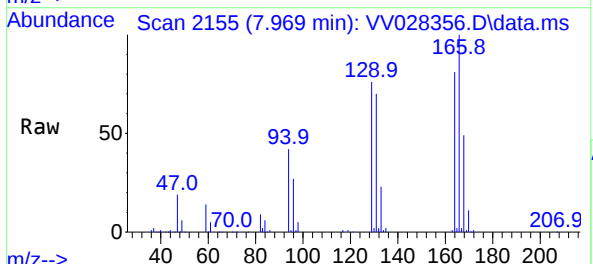
Ion Ratio Lower Upper

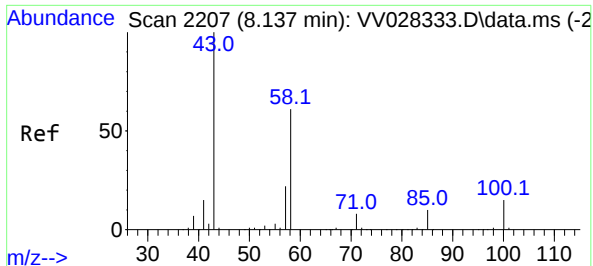
164 100

129 94.1 66.7 123.9

131 86.6 61.7 114.5

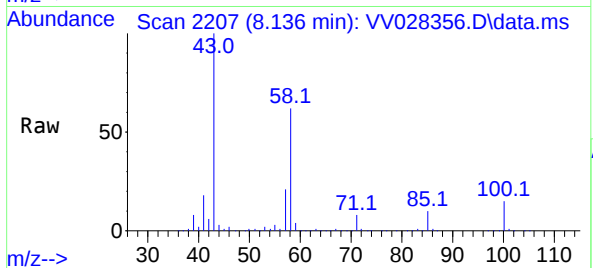
166 123.4 90.9 168.9



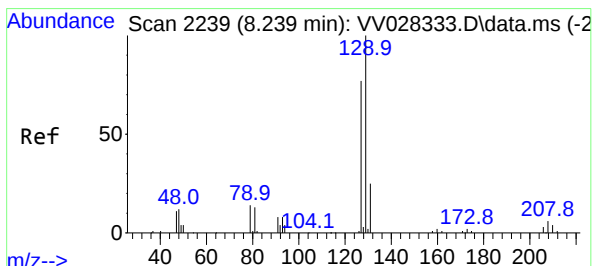
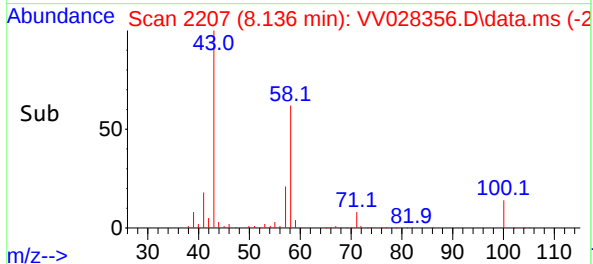
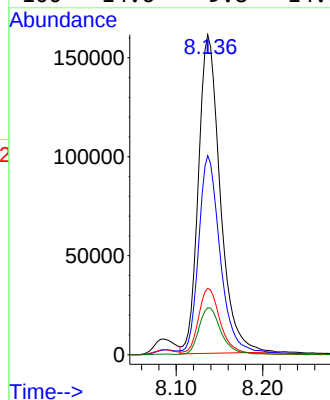


#48
2-Hexanone
Concen: 55.164 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Instrument :
MSVOA_V
ClientSampleId :

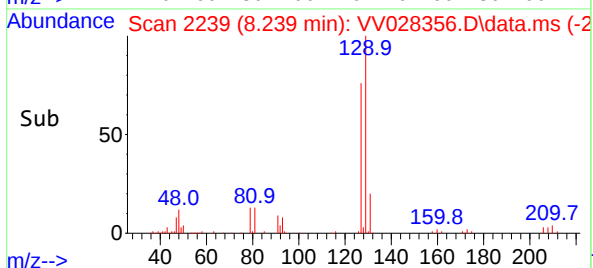
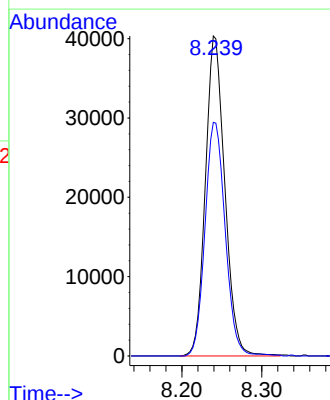
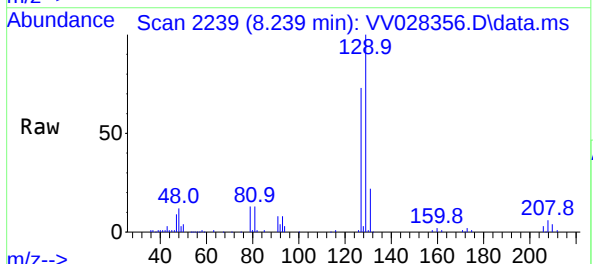


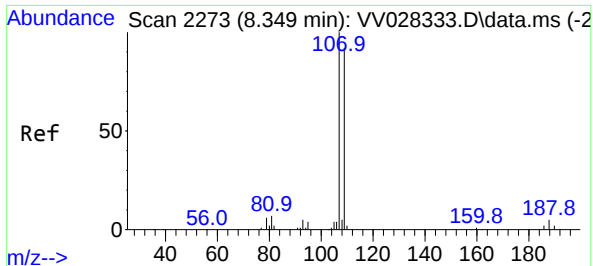
Tgt Ion: 43 Resp: 281515
Ion Ratio Lower Upper
43 100
58 62.6 45.7 68.5
57 20.8 15.5 23.3
100 14.6 9.8 14.6



#49
Dibromochloromethane
Concen: 4.574 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

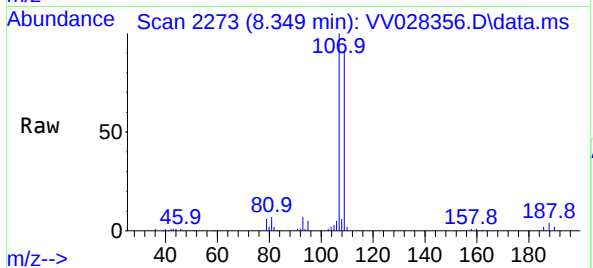
Tgt Ion: 129 Resp: 68096
Ion Ratio Lower Upper
129 100
127 73.0 54.3 100.9



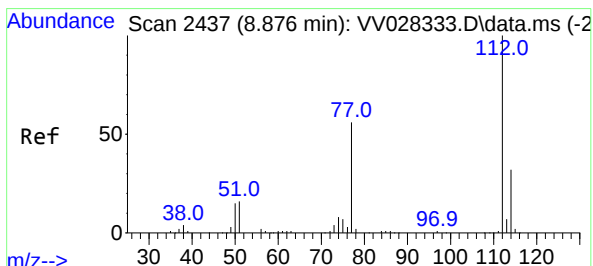
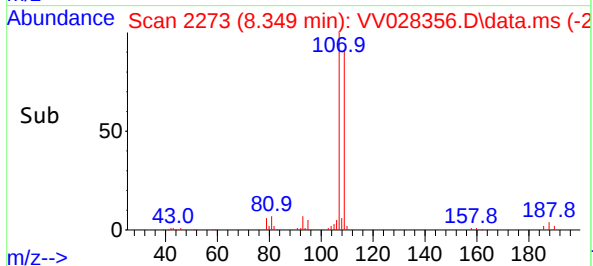
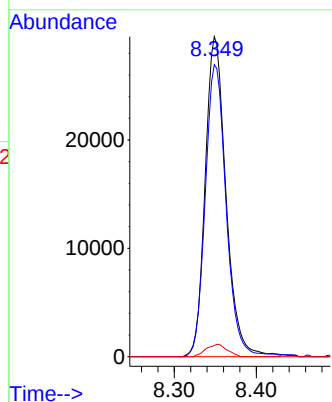


#50
1,2-Dibromoethane
Concen: 4.908 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Instrument :
MSVOA_V
ClientSampleId :

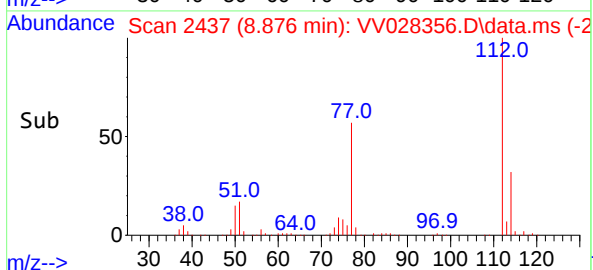
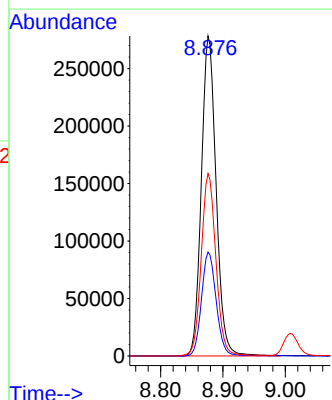
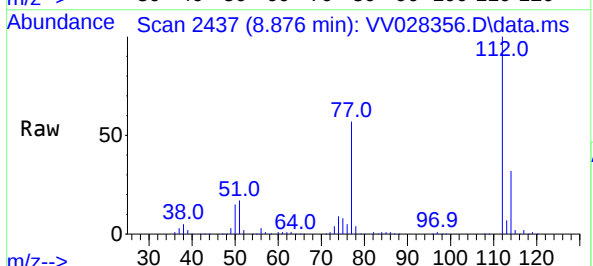


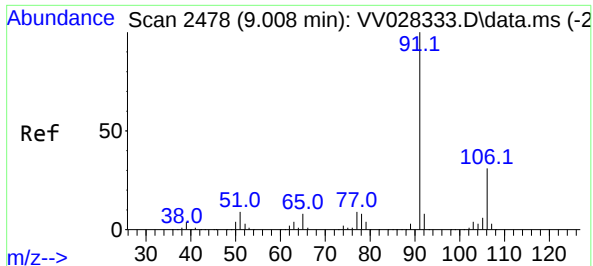
Tgt Ion:107 Resp: 51953
Ion Ratio Lower Upper
107 100
109 91.3 65.9 122.5
188 3.5 3.4 5.0



#51
Chlorobenzene
Concen: 9.558 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Tgt Ion:112 Resp: 458016
Ion Ratio Lower Upper
112 100
114 32.5 22.5 41.7
77 57.0 46.1 69.1

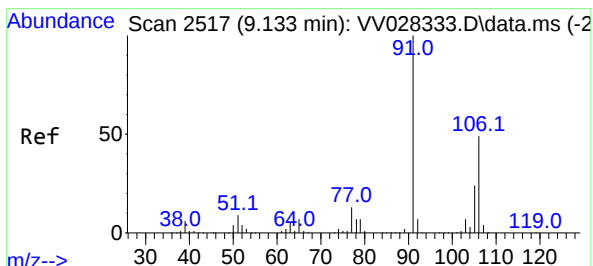
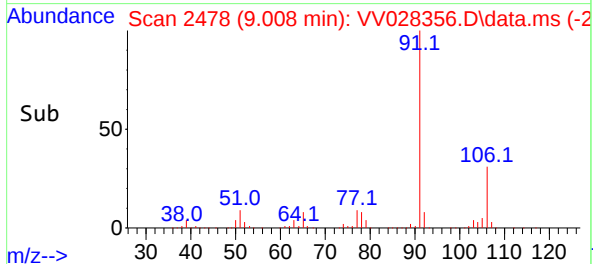
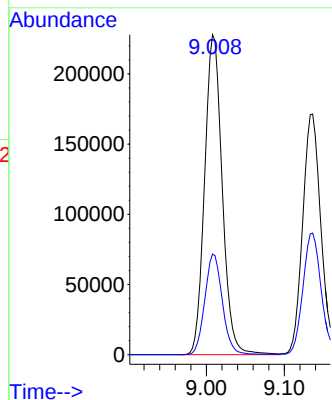
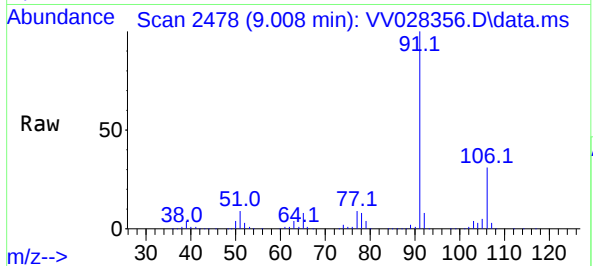




#52
Ethylbenzene
Concen: 4.732 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

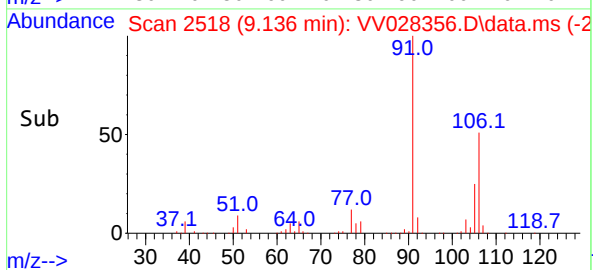
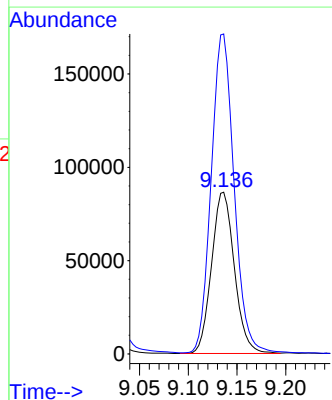
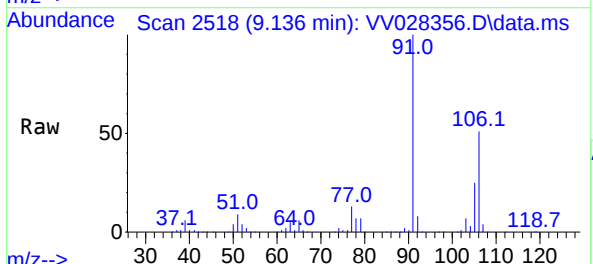
Instrument :
MSVOA_V
ClientSampleId :

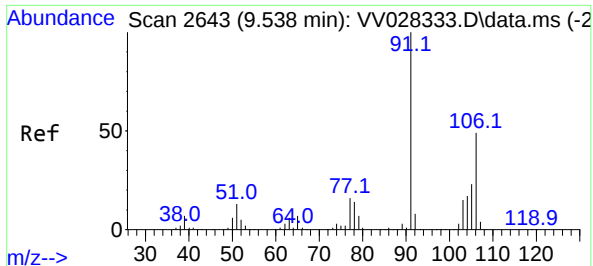
Tgt Ion: 91 Resp: 358305
Ion Ratio Lower Upper
91 100
106 31.5 21.5 39.9



#53
m,p-Xylene
Concen: 4.664 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Tgt Ion: 106 Resp: 140784
Ion Ratio Lower Upper
106 100
91 197.8 141.9 263.5

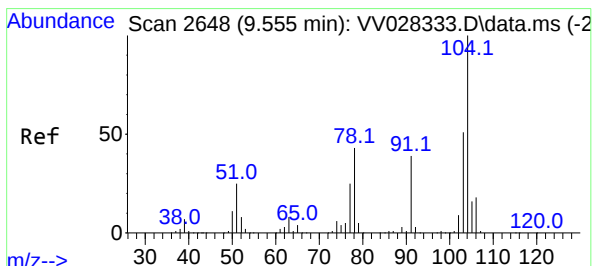
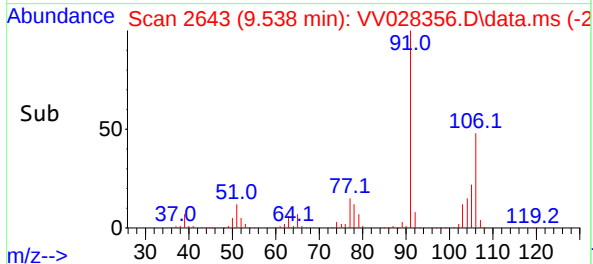
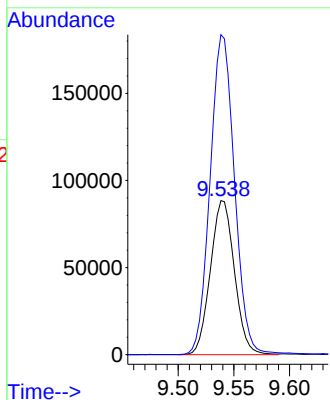
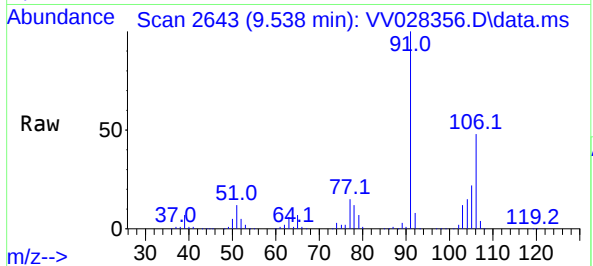




#54
o-Xylene
Concen: 4.654 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

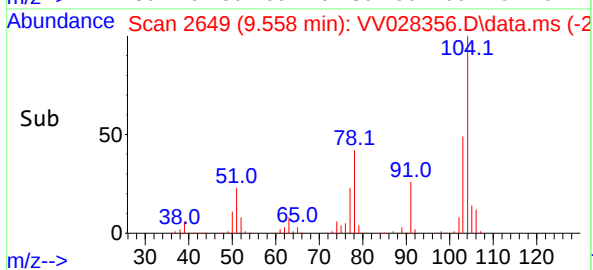
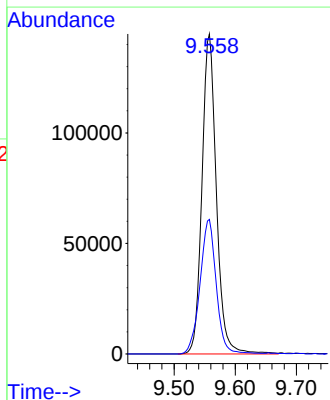
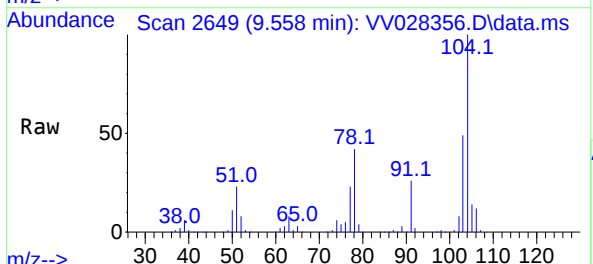
Instrument :
MSVOA_V
ClientSampleId :

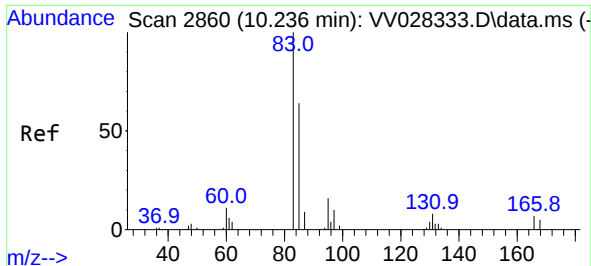
Tgt Ion:106 Resp: 132868
Ion Ratio Lower Upper
106 100
91 207.6 148.1 275.0



#55
Styrene
Concen: 4.824 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Tgt Ion:104 Resp: 236705
Ion Ratio Lower Upper
104 100
78 42.0 31.0 57.6

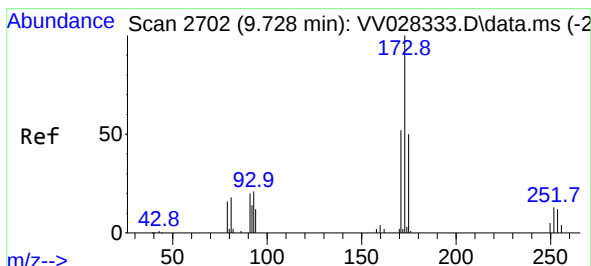
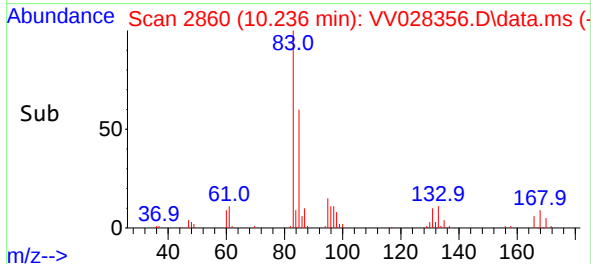
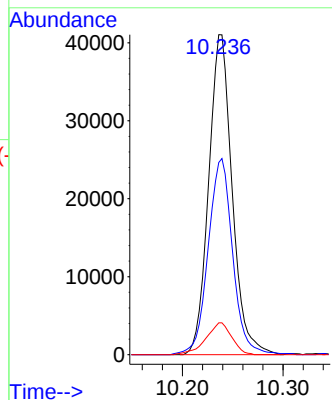
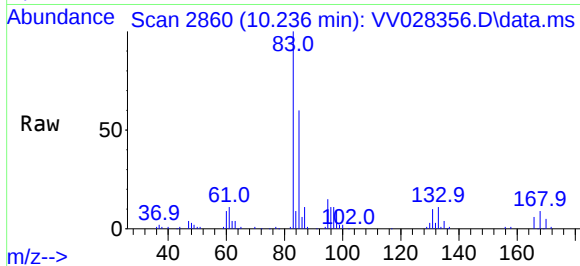




#57
1,1,2,2-Tetrachloroethane
Concen: 4.992 ug/L
RT: 10.236 min Scan# 2860
Delta R.T. -0.003 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

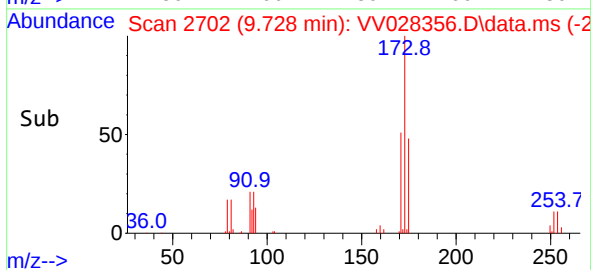
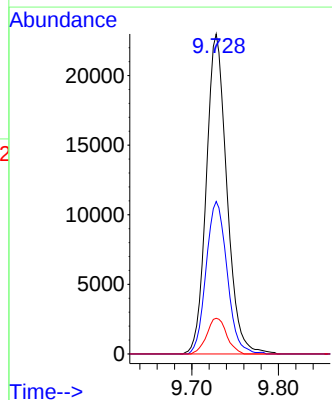
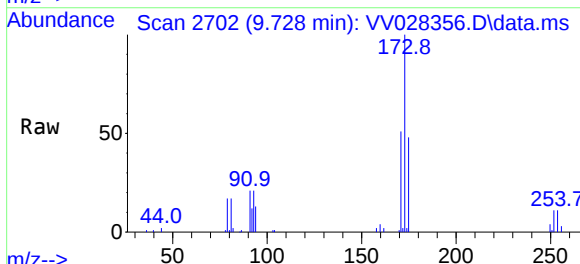
Instrument : MSVOA_V
ClientSampleId :

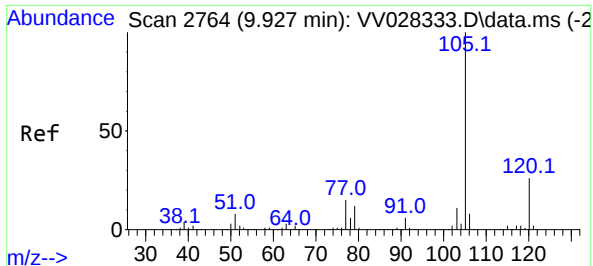
Tgt Ion: 83 Resp: 66625
Ion Ratio Lower Upper
83 100
85 60.0 45.2 84.0
131 9.9 7.8 11.8



#59
Bromoform
Concen: 4.274 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Tgt Ion: 173 Resp: 37857
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 10.8 8.7 13.1

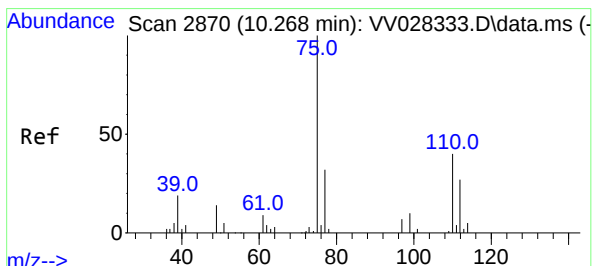
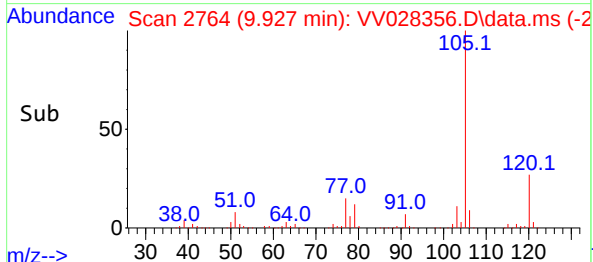
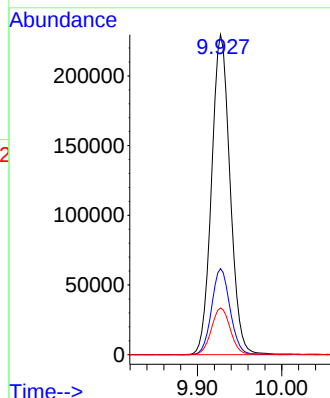
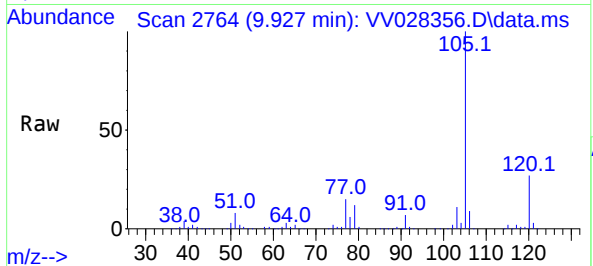




#60
Isopropylbenzene
Concen: 4.249 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

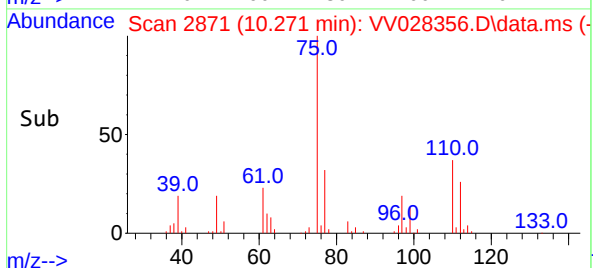
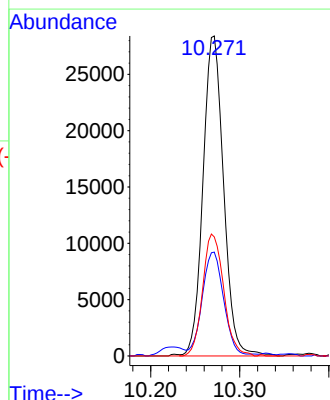
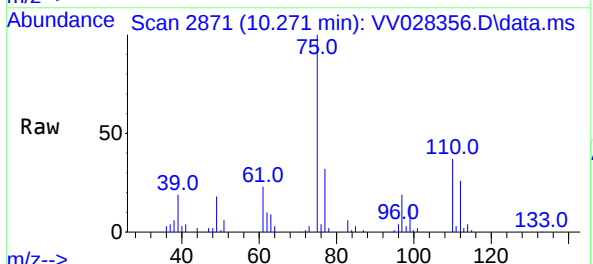
Instrument :
MSVOA_V
ClientSampleId :

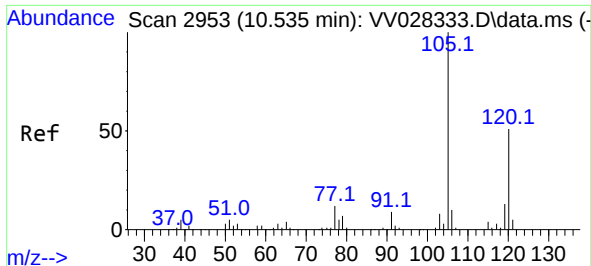
Tgt Ion:105 Resp: 349677
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.0
77 15.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.390 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Tgt Ion: 75 Resp: 45559
Ion Ratio Lower Upper
75 100
77 32.6 26.7 40.1
110 39.0 30.1 45.1

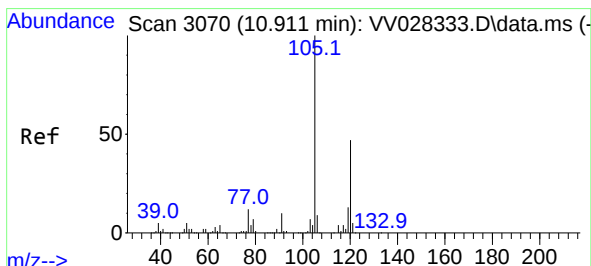
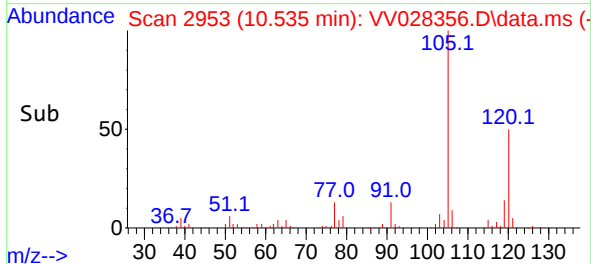
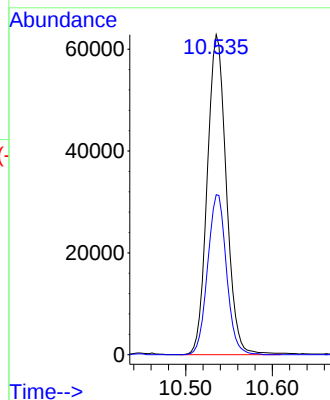
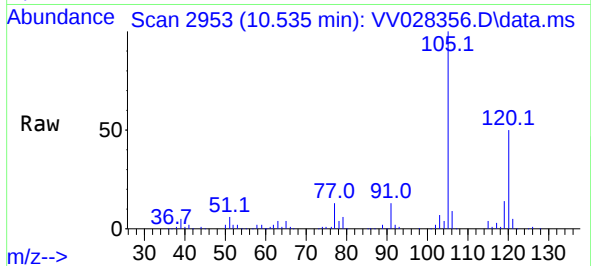




#62
1,3,5-Trimethylbenzene
Concen: 4.113 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

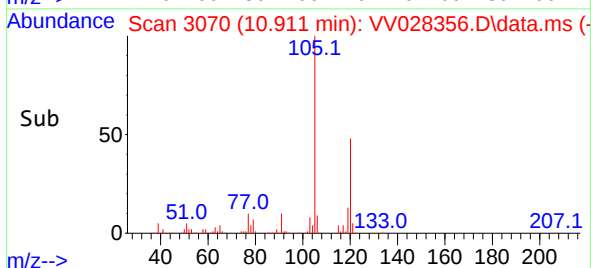
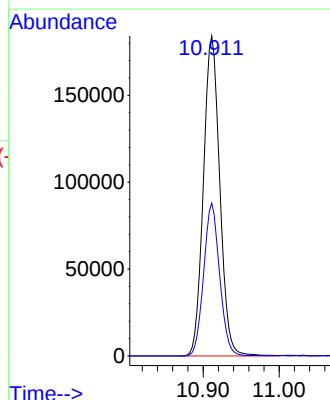
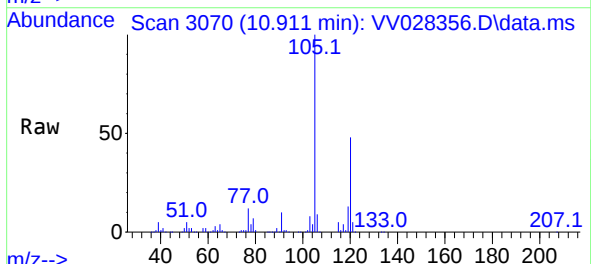
Instrument :
MSVOA_V
ClientSampleId :

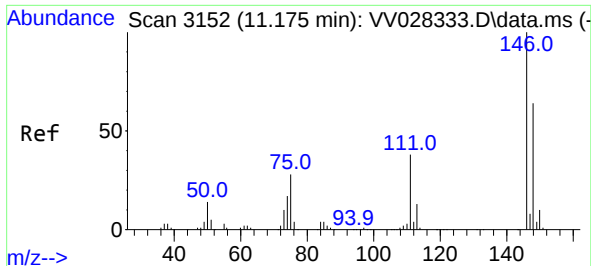
Tgt Ion:105 Resp: 96186
Ion Ratio Lower Upper
105 100
120 49.3 40.6 61.0



#63
1,2,4-Trimethylbenzene
Concen: 4.155 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

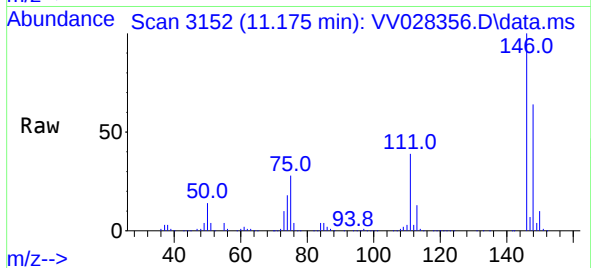
Tgt Ion:105 Resp: 275426
Ion Ratio Lower Upper
105 100
120 46.5 37.8 56.8



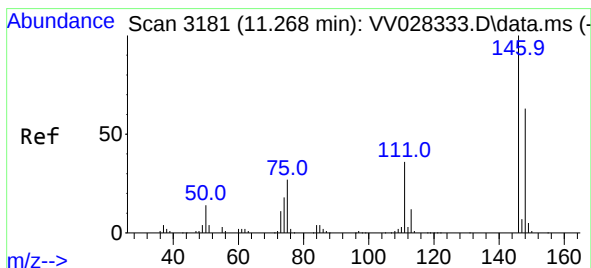
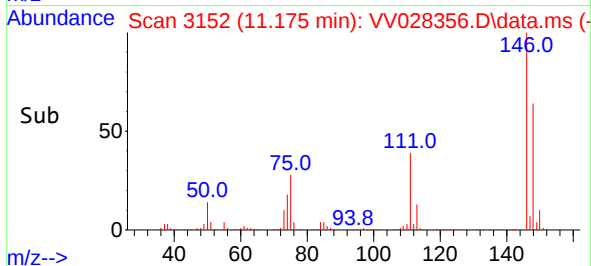
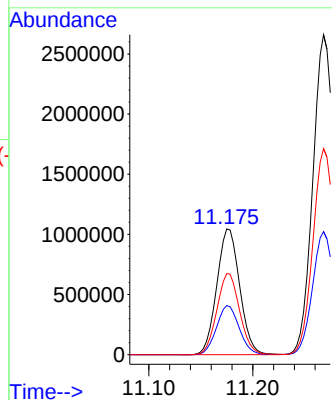


#64
1,3-Dichlorobenzene
Concen: 39.600 ug/L
RT: 11.175 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Instrument :
MSVOA_V
ClientSampleId :

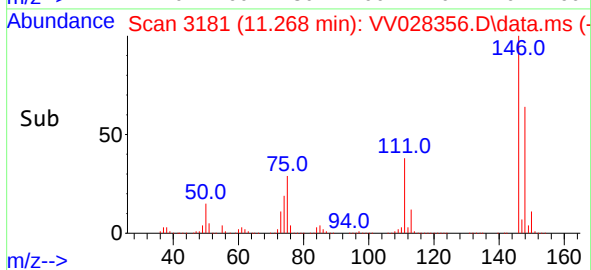
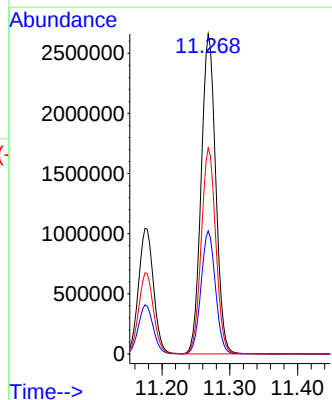
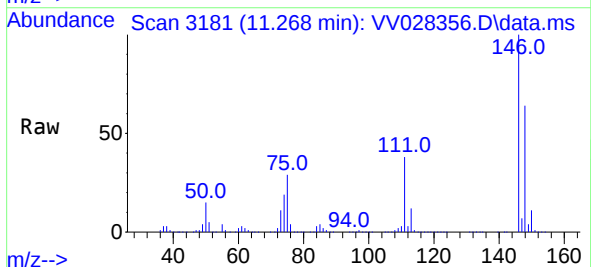


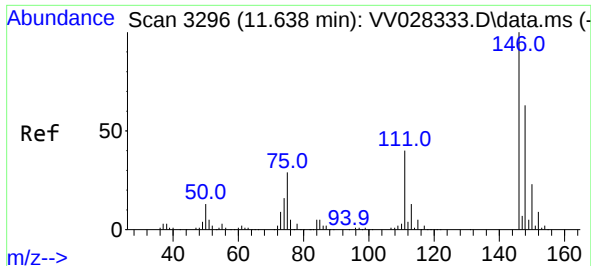
Tgt Ion:146 Resp: 1601050
Ion Ratio Lower Upper
146 100
111 39.1 27.1 50.3
148 64.5 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 97.765 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Tgt Ion:146 Resp: 3957839
Ion Ratio Lower Upper
146 100
111 38.4 26.2 48.8
148 64.4 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 103.884 ug/L

RT: 11.638 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028356.D

Acq: 05 Oct 2022 03:49

Instrument :

MSVOA_V

ClientSampleId :

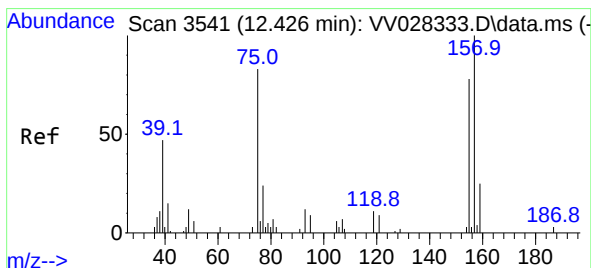
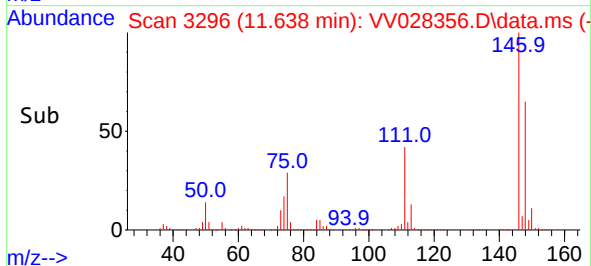
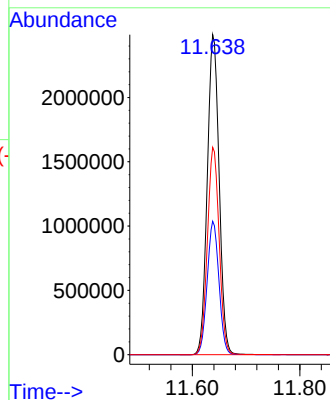
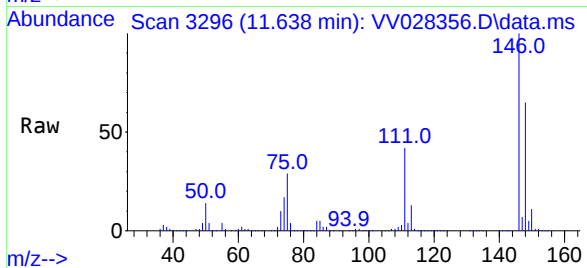
Tgt Ion:146 Resp: 3809271

Ion Ratio Lower Upper

146 100

111 41.7 32.6 49.0

148 64.8 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.694 ug/L

RT: 12.422 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VV028356.D

Acq: 05 Oct 2022 03:49

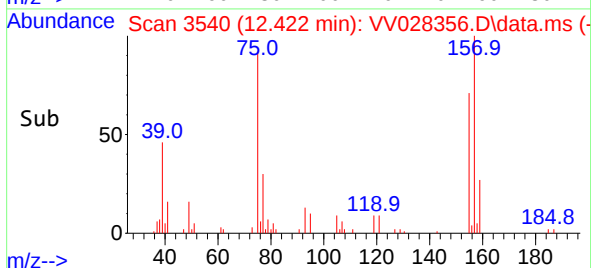
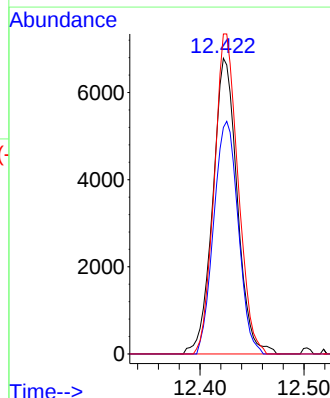
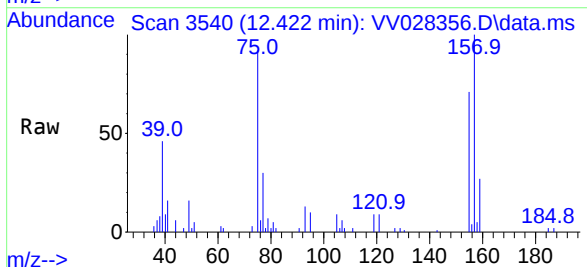
Tgt Ion: 75 Resp: 11096

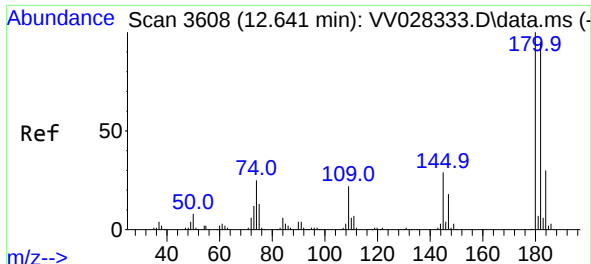
Ion Ratio Lower Upper

75 100

155 76.7 73.6 110.4

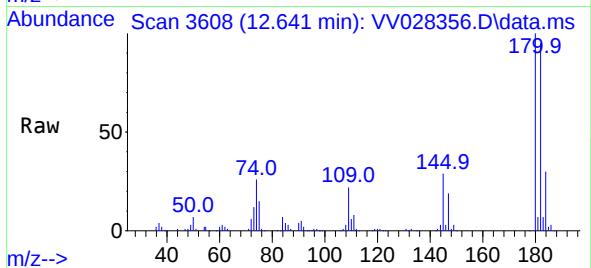
157 108.2 90.7 136.1



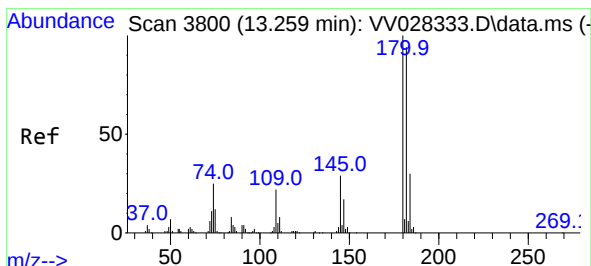
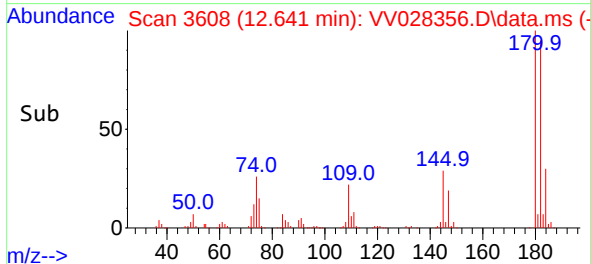
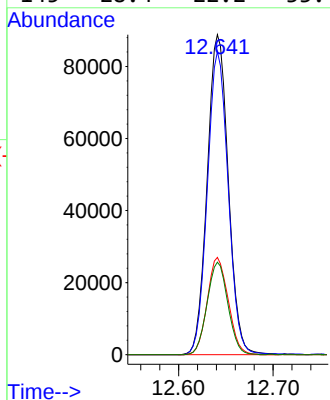


#69
 1,3,5-Trichlorobenzene
 Concen: 4.306 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV028356.D
 Acq: 05 Oct 2022 03:49

Instrument :
 MSVOA_V
 ClientSampleId :

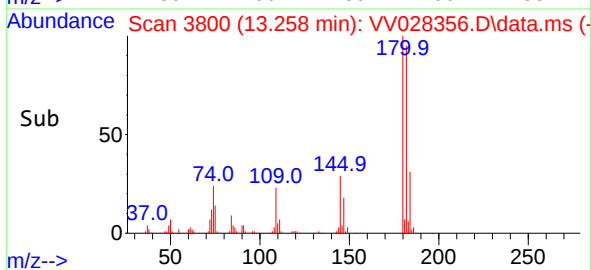
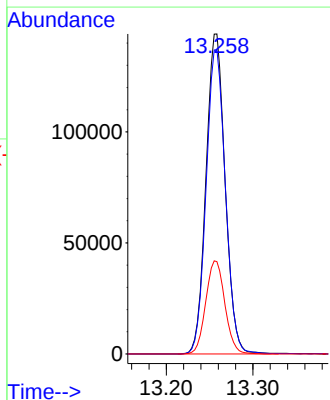
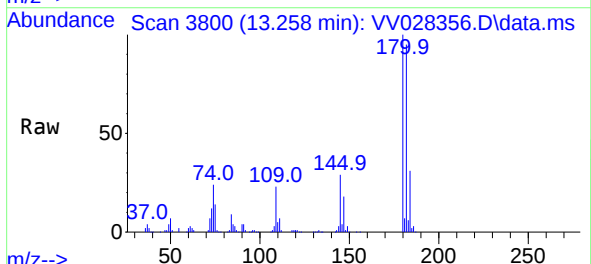


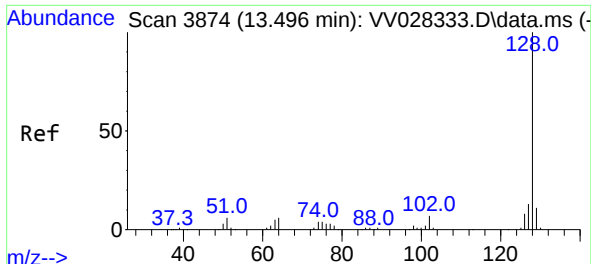
Tgt Ion:180 Resp: 137688
 Ion Ratio Lower Upper
 180 100
 182 93.4 75.5 113.3
 184 30.2 23.7 35.5
 145 28.4 22.2 33.4



#70
 1,2,4-trichlorobenzene
 Concen: 9.076 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV028356.D
 Acq: 05 Oct 2022 03:49

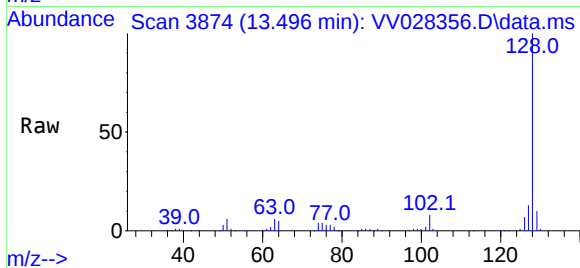
Tgt Ion:180 Resp: 221179
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.3 114.5
 145 29.1 22.9 34.3



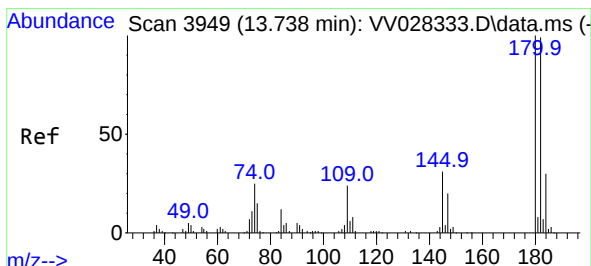
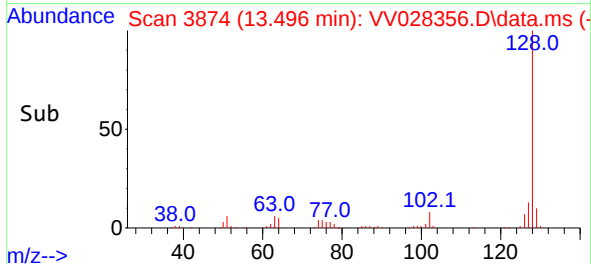
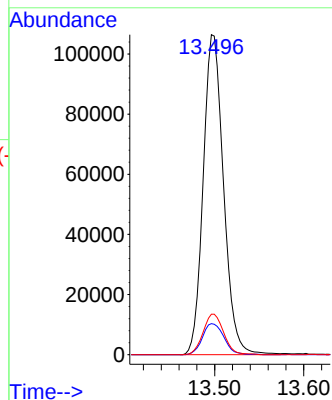


#71
Naphthalene
Concen: 4.431 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. -0.003 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 168673
Ion Ratio Lower Upper
128 100
129 10.2 8.2 12.2
127 12.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 6.951 ug/L
RT: 13.737 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV028356.D
Acq: 05 Oct 2022 03:49

Tgt Ion:180 Resp: 152708
Ion Ratio Lower Upper
180 100
182 94.8 77.4 116.0
145 31.2 24.6 36.8

