

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102323\
 Data File : VW032583.D
 Acq On : 23 Oct 2023 20:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 04:49:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	92892	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	108513	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	31276	4.140	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.532	69	31633	5.158	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.056	65	13284	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.822	46	105901	55.413	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.820%
24) Chloroform-d	4.253	84	67552	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	4.947	65	35481	5.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	4.963	84	121237	3.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	5.992	67	40466	3.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.600%
41) Toluene-d8	7.246	98	118551	4.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.558	79	16702	4.455	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.031	63	99860	56.616	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.240%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	41692	5.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	45910	4.365	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	49555	4.787	ug/L	99
3) Chloromethane	1.214	50	52454	5.027	ug/L	99
5) Vinyl chloride	1.282	62	51415	5.166	ug/L	99
6) Bromomethane	1.487	94	31557	5.249	ug/L	95
8) Chloroethane	1.548	64	33040	5.514	ug/L	99
9) Trichlorofluoromethane	1.712	101	66093	5.537	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	37845	5.233	ug/L	99
12) 1,1-Dichloroethene	2.069	96	35728	5.244	ug/L	87
13) Acetone	2.150	43	70798	48.064	ug/L	74
14) Carbon disulfide	2.240	76	98155	4.121	ug/L	99
15) Methyl Acetate	2.394	43	16017	4.830	ug/L	98
16) Methylene chloride	2.446	84	41782	4.704	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	86730	4.676	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	34677	4.444	ug/L	98
19) 1,1-Dichloroethane	3.114	63	68432	4.662	ug/L	97
21) 2-Butanone	3.905	43	99060	43.005	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	37086	4.414	ug/L	96
23) Bromochloromethane	4.150	128	17374	4.915	ug/L	98
25) Chloroform	4.278	83	74141	5.148	ug/L	97

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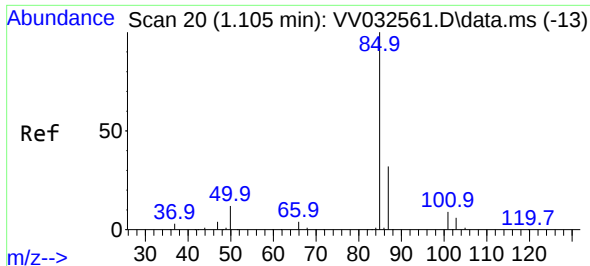
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	46553	5.471	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	61393	4.161	ug/L	97
30) Cyclohexane	4.584	56	49576	3.058	ug/L	96
31) Carbon tetrachloride	4.738	117	52914	4.239	ug/L	96
33) Benzene	5.011	78	154746	4.050	ug/L	100
34) Trichloroethene	5.834	95	39120	3.751	ug/L	96
35) Methylcyclohexane	6.050	83	56737	3.515	ug/L	95
37) 1,2-Dichloropropane	6.095	63	38292	3.748	ug/L #	96
38) Bromodichloromethane	6.436	83	50651	4.172	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	58705	4.037	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	276464	42.758	ug/L	98
42) Toluene	7.317	91	186225	4.572	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	49869	4.173	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	33931	4.708	ug/L	98
47) Tetrachloroethene	7.908	164	35039	4.430	ug/L	97
48) 2-Hexanone	8.082	43	198859	43.591	ug/L	99
49) Dibromochloromethane	8.178	129	36832	4.908	ug/L	97
50) 1,2-Dibromoethane	8.285	107	30583	4.486	ug/L	93
51) Chlorobenzene	8.818	112	116482	4.442	ug/L	98
52) Ethylbenzene	8.950	91	190865	4.209	ug/L	98
53) m,p-Xylene	9.075	106	72851	4.331	ug/L	99
54) o-Xylene	9.481	106	69400	4.282	ug/L	97
55) Styrene	9.500	104	124542	4.550	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.182	83	40540	5.112	ug/L	96
59) Bromoform	9.670	173	19495	4.730	ug/L	98
60) Isopropylbenzene	9.870	105	189178	4.295	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	28340	4.698	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	143240	3.990	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	147106	4.116	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	92234	4.383	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	91490	4.334	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	84999	4.429	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	5735	4.653	ug/L	95
69) 1,3,5-Trichlorobenzene	12.587	180	60470	3.924	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	50633	3.704	ug/L	99
71) Naphthalene	13.442	128	81629	3.515	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	47562	4.038	ug/L	99

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

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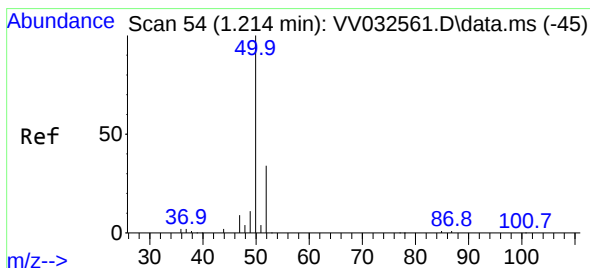
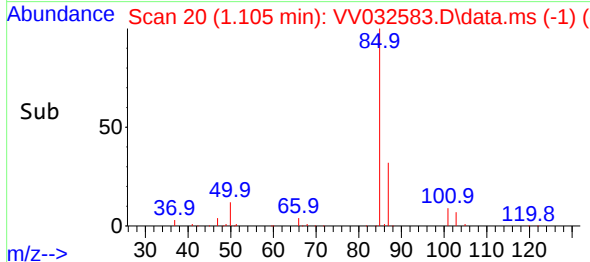
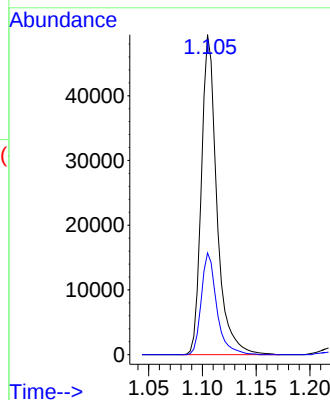
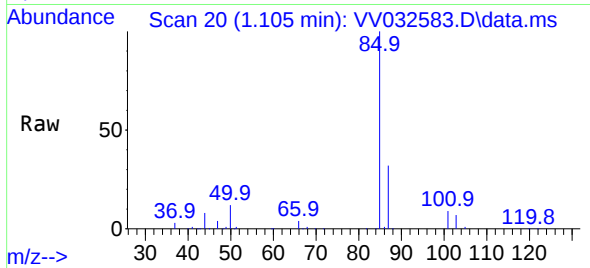




#2
 Dichlorodifluoromethane
 Concen: 4.787 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032583.D
 Acq: 23 Oct 2023 20:19

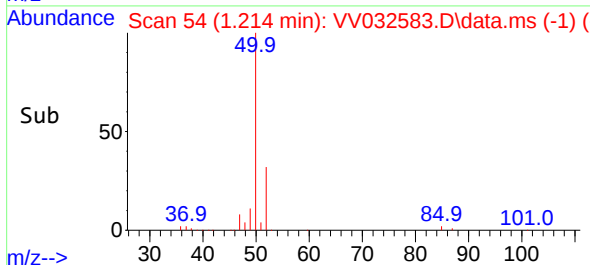
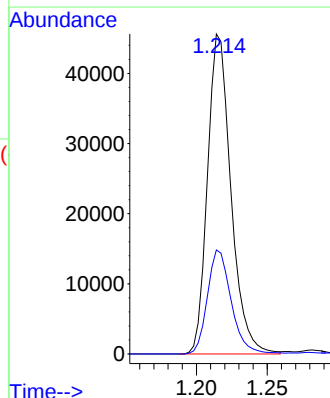
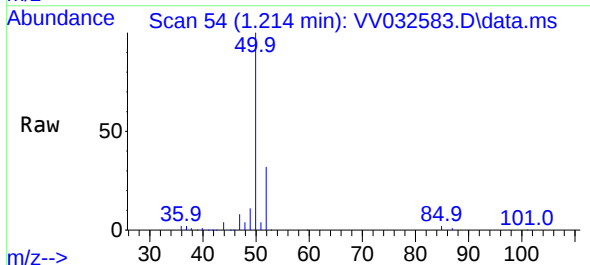
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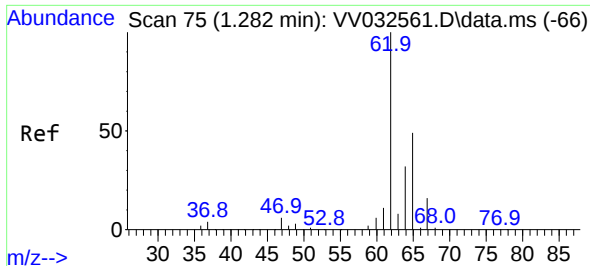
Tgt Ion: 85 Resp: 49555
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.5 38.3



#3
 Chloromethane
 Concen: 5.027 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV032583.D
 Acq: 23 Oct 2023 20:19

Tgt Ion: 50 Resp: 52454
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.0 42.6

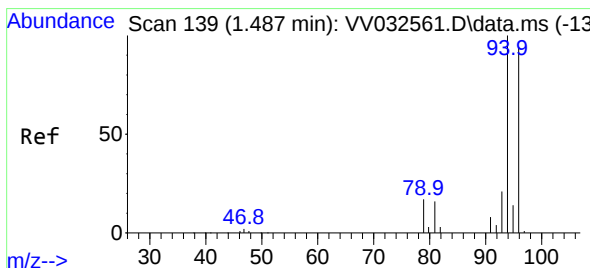
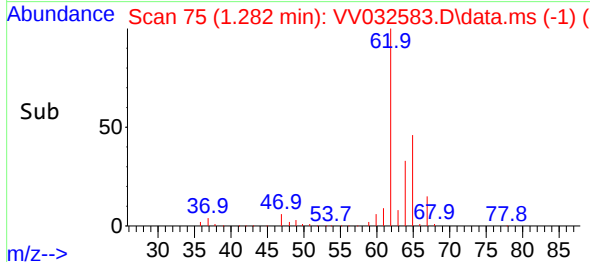
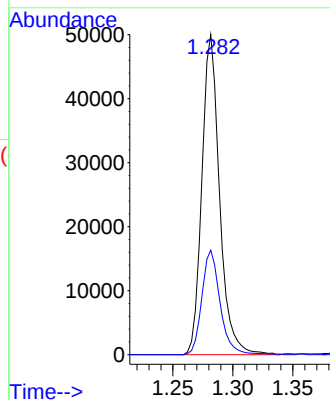
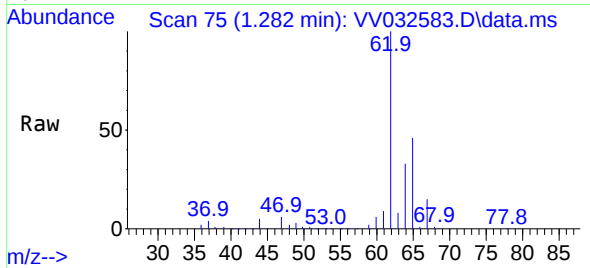




#5
 Vinyl chloride
 Concen: 5.166 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032583.D
 Acq: 23 Oct 2023 20:19

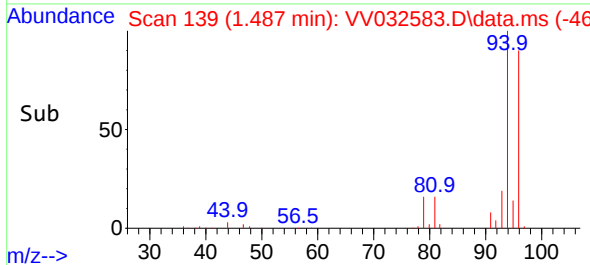
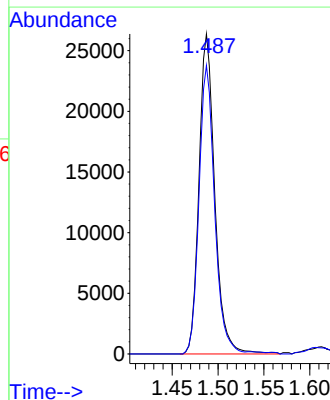
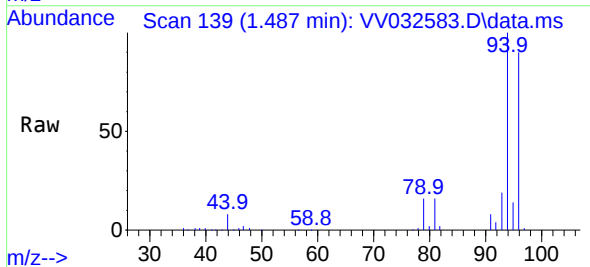
Instrument :
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 ClientSampleId :

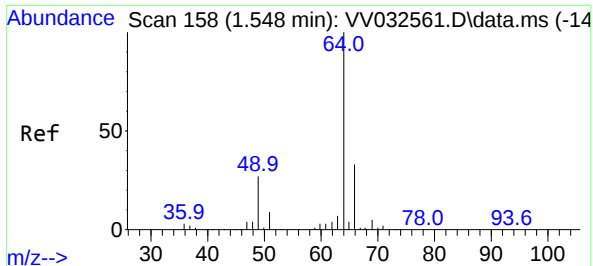
Tgt Ion: 62 Resp: 51415
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.1 42.9



#6
 Bromomethane
 Concen: 5.249 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032583.D
 Acq: 23 Oct 2023 20:19

Tgt Ion: 94 Resp: 31557
 Ion Ratio Lower Upper
 94 100
 96 90.1 66.8 124.2

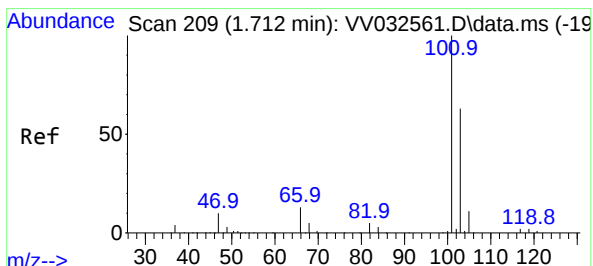
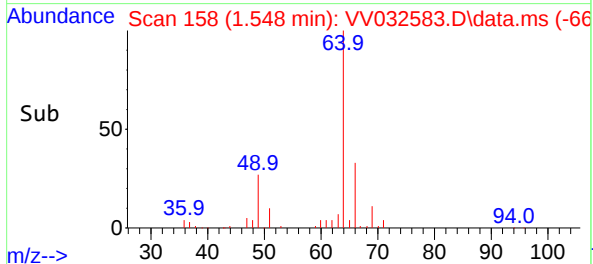
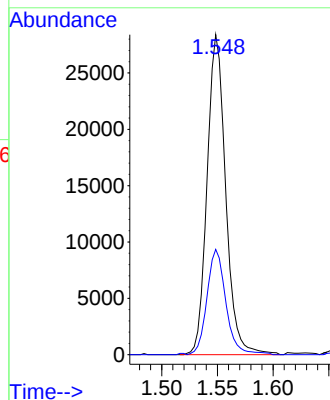
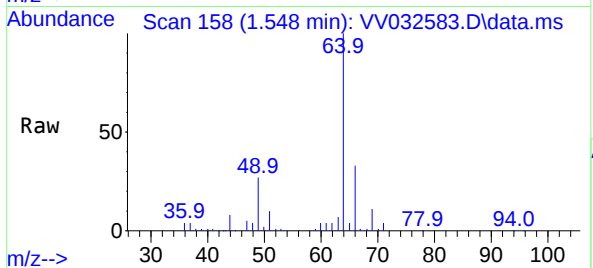




#8
Chloroethane
Concen: 5.514 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

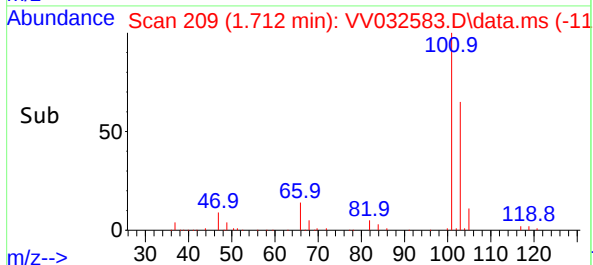
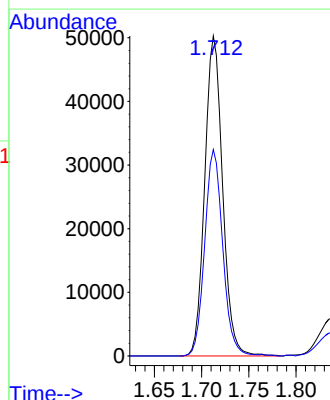
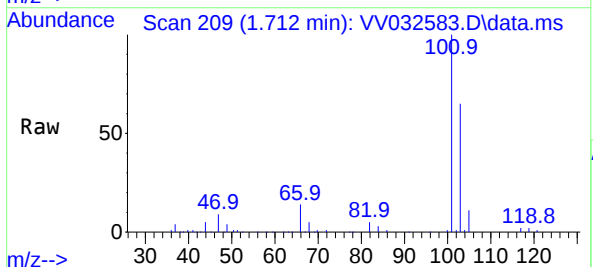
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ClientSampleId :

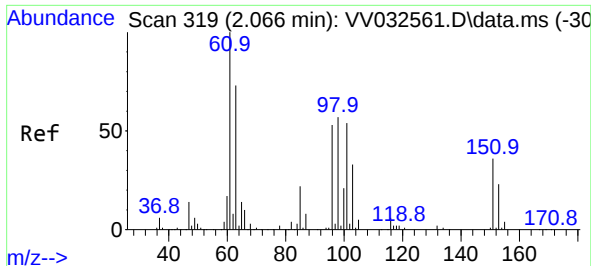
Tgt Ion: 64 Resp: 33040
Ion Ratio Lower Upper
64 100
66 32.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.537 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Tgt Ion:101 Resp: 66093
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

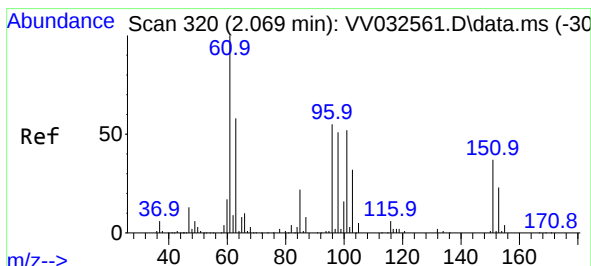
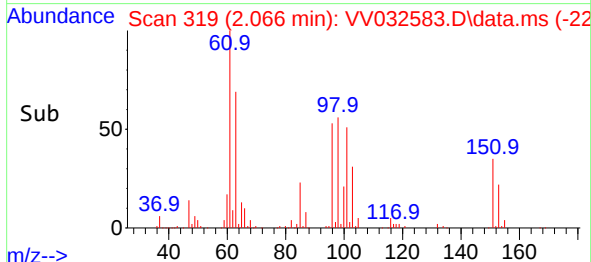
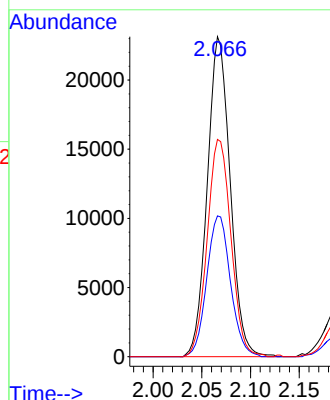
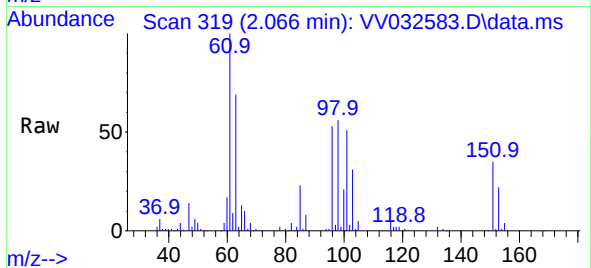




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.233 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

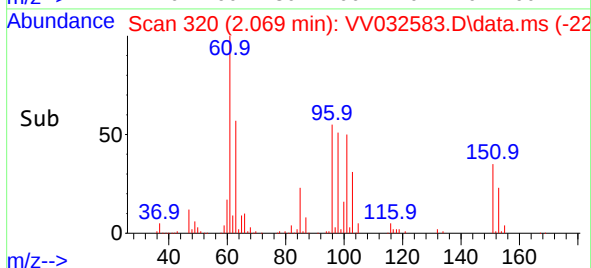
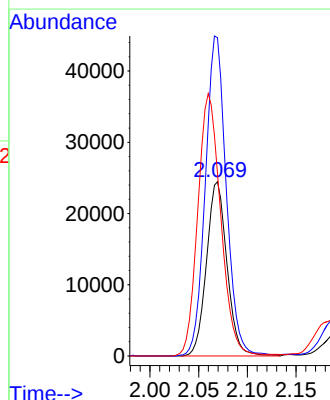
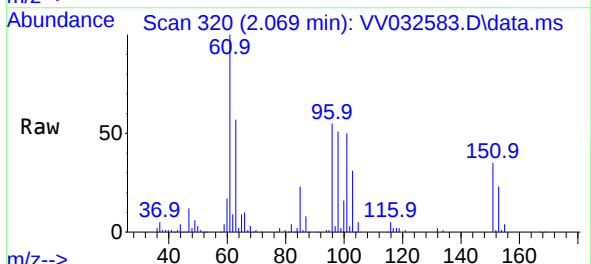
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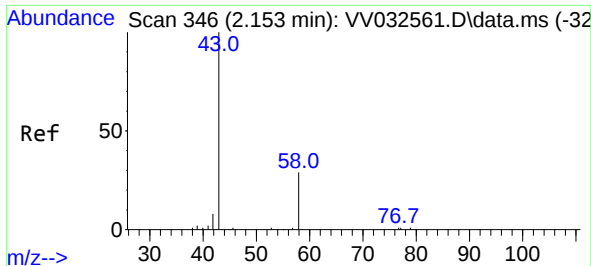
Tgt Ion:101 Resp: 37845
Ion Ratio Lower Upper
101 100
85 45.5 35.0 52.6
151 70.4 56.6 84.8



#12
1,1-Dichloroethene
Concen: 5.244 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Tgt Ion: 96 Resp: 35728
Ion Ratio Lower Upper
96 100
61 182.6 127.3 236.3
63 104.9 98.3 182.7





#13

Acetone

Concen: 48.064 ug/L

RT: 2.150 min Scan# 346

Delta R.T. 0.007 min

Lab File: VV032583.D

Acq: 23 Oct 2023 20:19

Instrument :

MSVOA_V

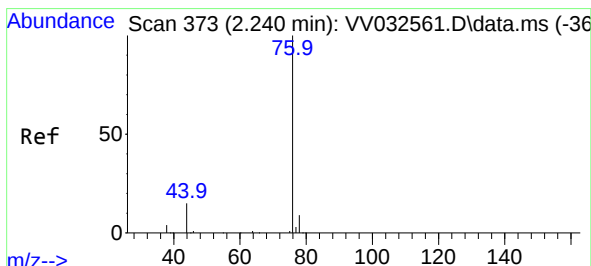
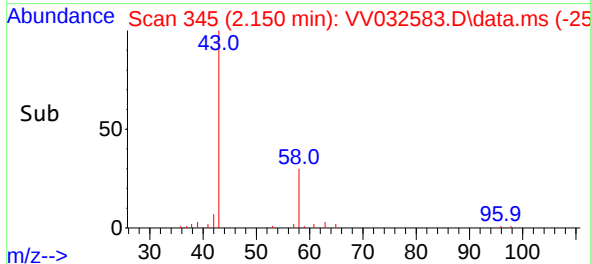
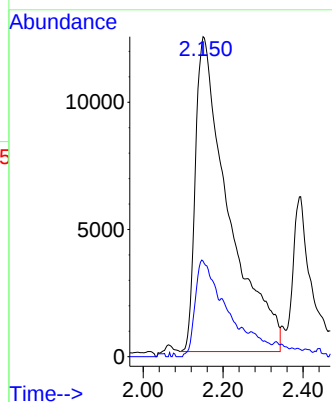
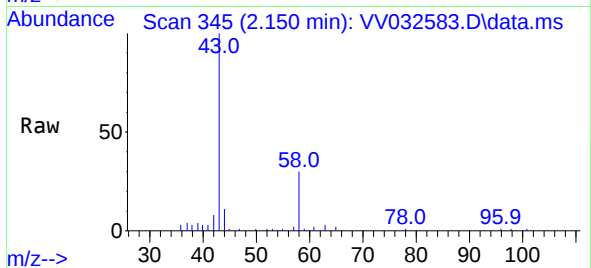
ClientSampleId :

Tgt Ion: 43 Resp: 70798

Ion Ratio Lower Upper

43 100

58 18.4 0.0 66.0



#14

Carbon disulfide

Concen: 4.121 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV032583.D

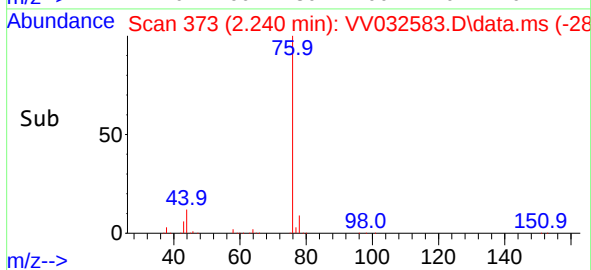
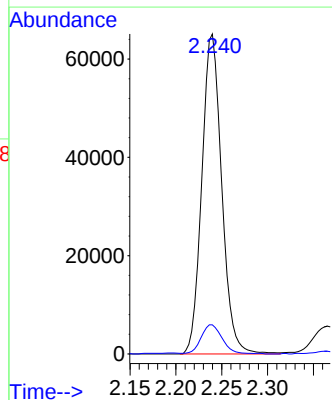
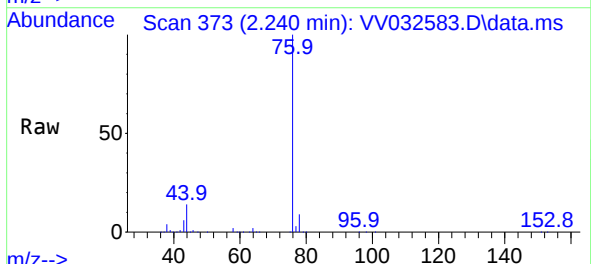
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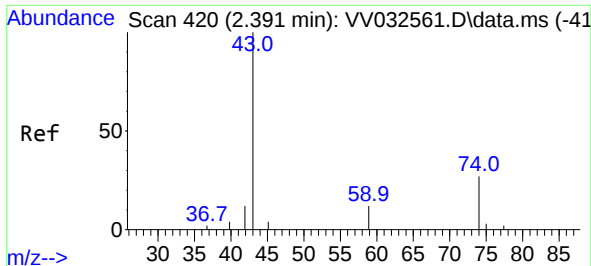
Tgt Ion: 76 Resp: 98155

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

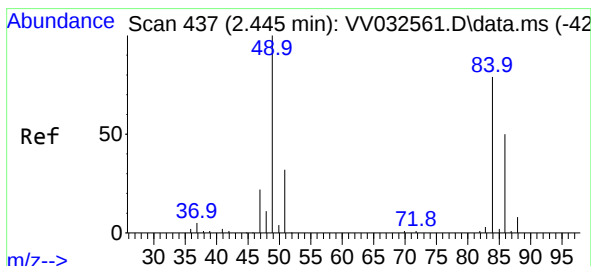
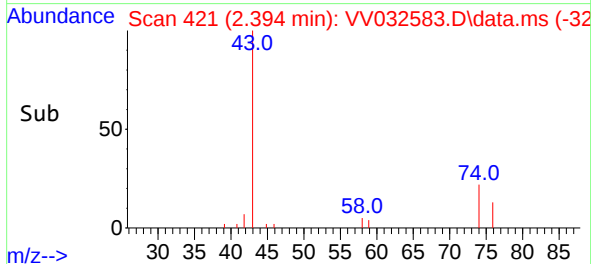
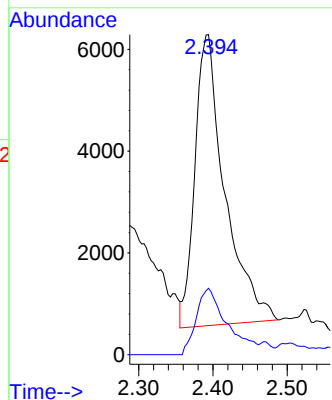
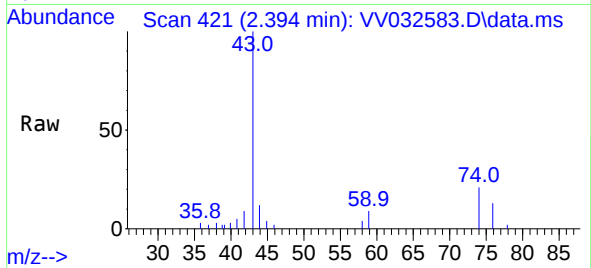




#15
Methyl Acetate
Concen: 4.830 ug/L
RT: 2.394 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

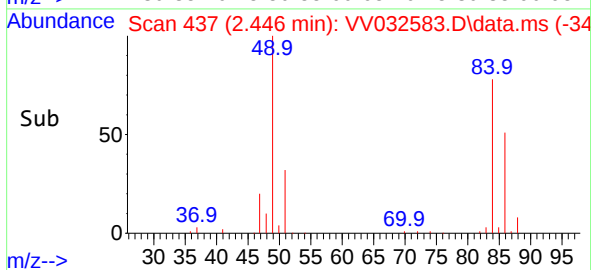
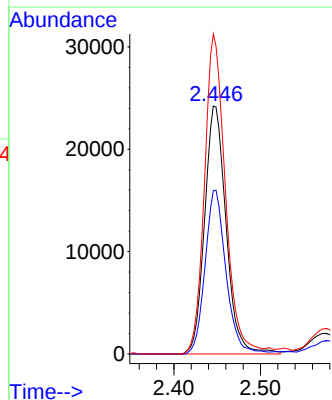
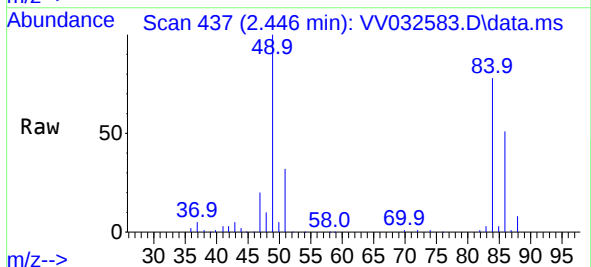
Instrument :
MSVOA_V
ClientSampleId :

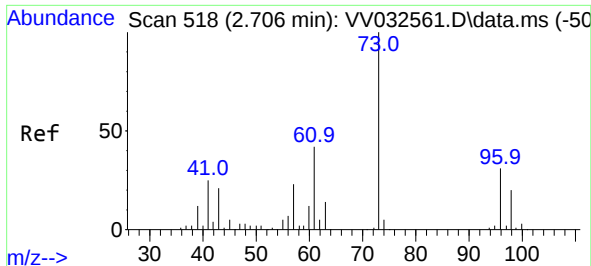
Tgt Ion: 43 Resp: 16017
Ion Ratio Lower Upper
43 100
74 23.6 18.0 27.0



#16
Methylene chloride
Concen: 4.704 ug/L
RT: 2.446 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Tgt Ion: 84 Resp: 41782
Ion Ratio Lower Upper
84 100
86 65.8 43.2 80.2
49 129.0 86.3 160.3





#17

Methyl tert-butyl Ether

Concen: 4.676 ug/L

RT: 2.709 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV032583.D

Acq: 23 Oct 2023 20:19

Instrument :

MSVOA_V

ClientSampleId :

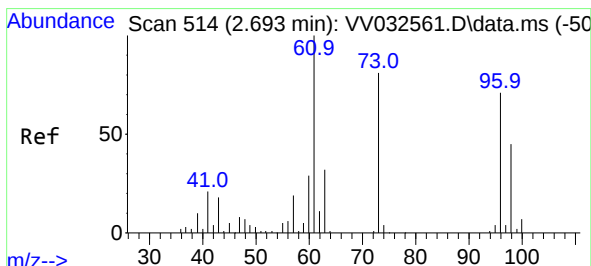
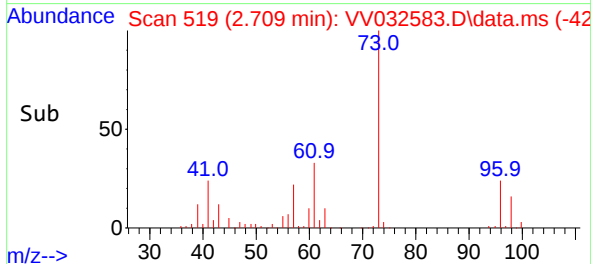
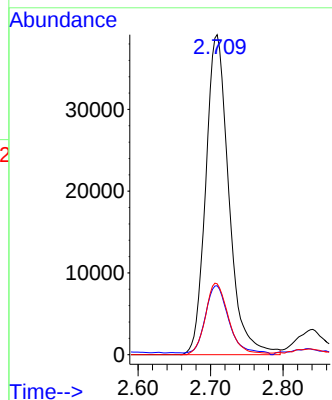
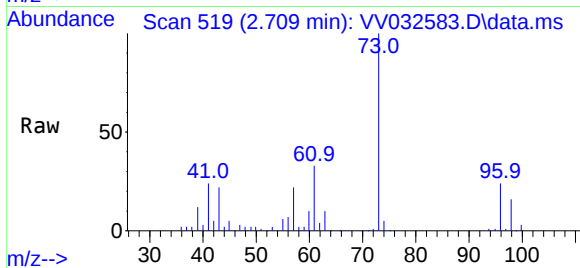
Tgt Ion: 73 Resp: 86730

Ion Ratio Lower Upper

73 100

43 22.4 15.1 22.7

57 22.5 18.3 27.5



#18

trans-1,2-Dichloroethene

Concen: 4.444 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

Lab File: VV032583.D

Acq: 23 Oct 2023 20:19

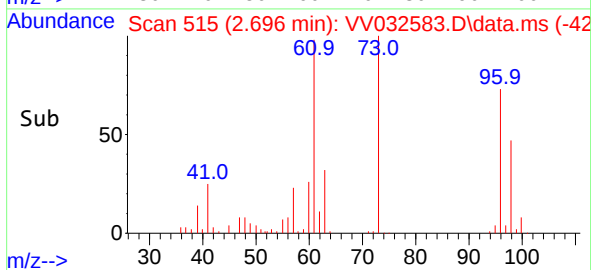
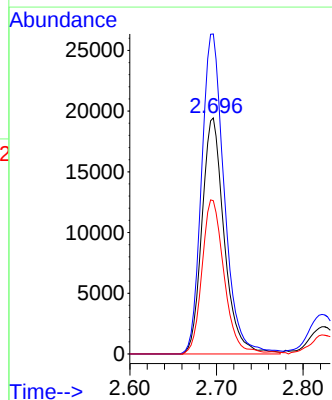
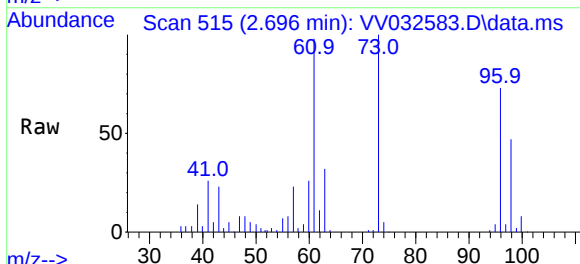
Tgt Ion: 96 Resp: 34677

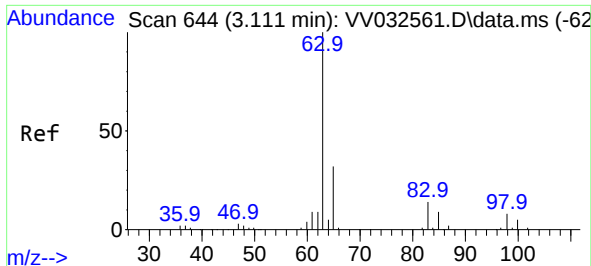
Ion Ratio Lower Upper

96 100

61 135.6 96.9 180.1

98 64.9 45.3 84.1

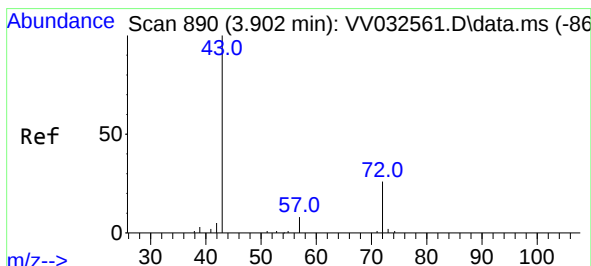
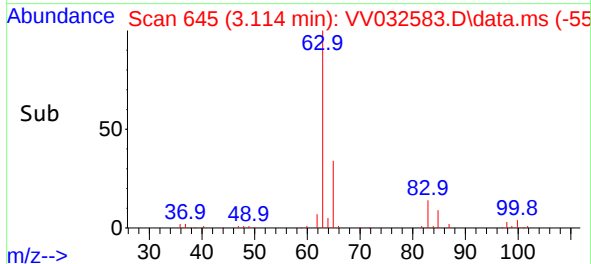
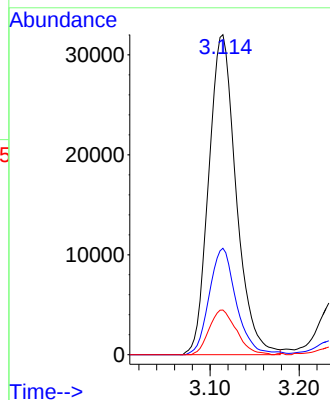
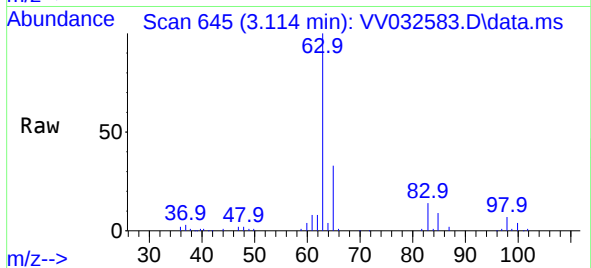




#19
1,1-Dichloroethane
Concen: 4.662 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

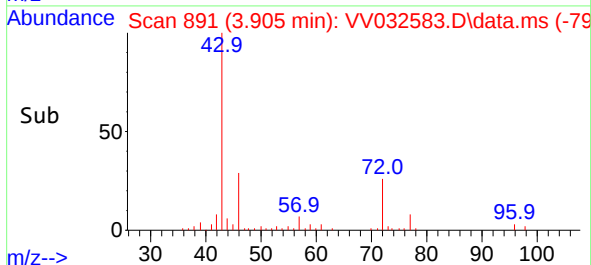
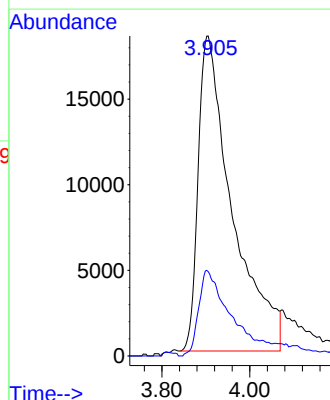
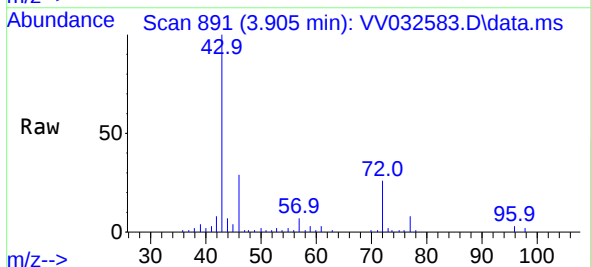
Instrument :
MSVOA_V
ClientSampleId :

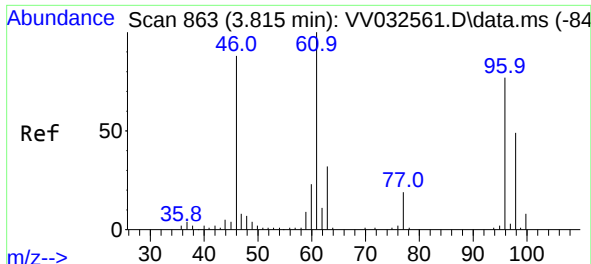
Tgt Ion: 63 Resp: 68432
Ion Ratio Lower Upper
63 100
65 33.2 22.3 41.5
83 14.0 9.0 16.6



#21
2-Butanone
Concen: 43.005 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.007 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

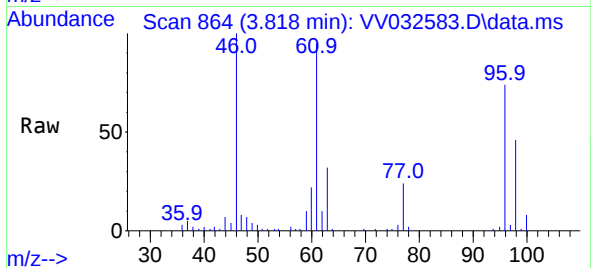
Tgt Ion: 43 Resp: 99060
Ion Ratio Lower Upper
43 100
72 24.6 11.6 34.8



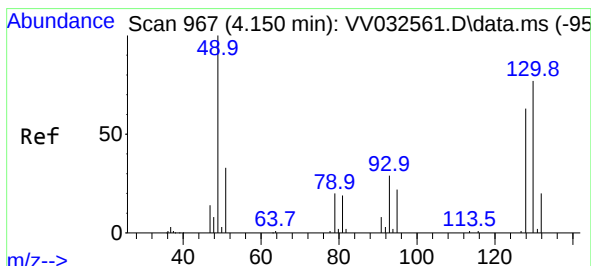
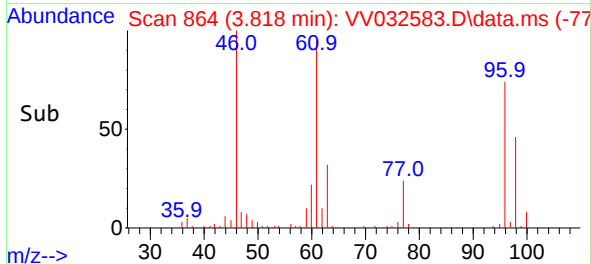
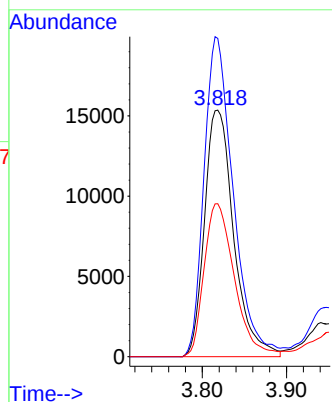


#22
cis-1,2-Dichloroethene
Concen: 4.414 ug/L
RT: 3.818 min Scan# 863
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :

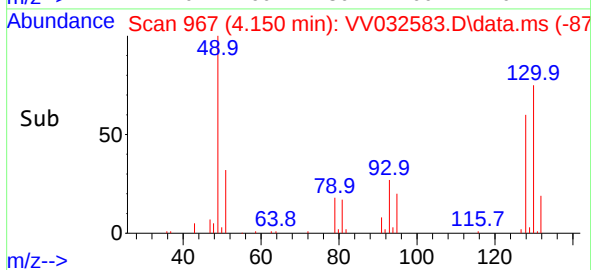
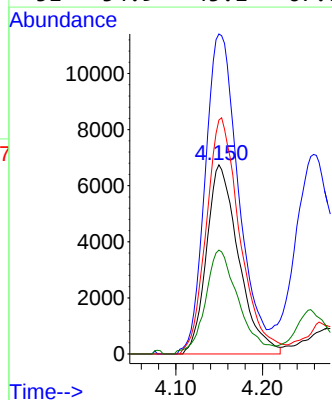
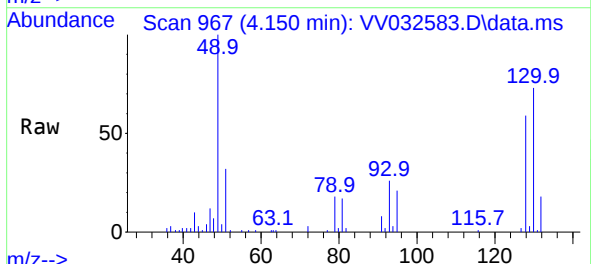


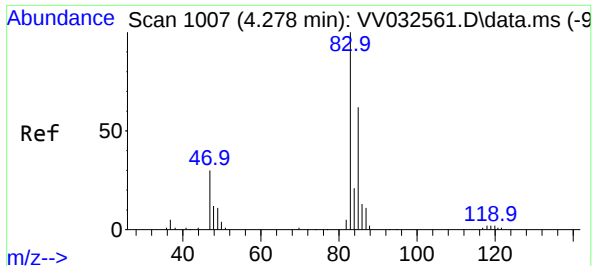
Tgt Ion: 96 Resp: 37086
Ion Ratio Lower Upper
96 100
61 129.0 85.8 159.4
98 62.0 44.0 81.6



#23
Bromochloromethane
Concen: 4.915 ug/L
RT: 4.150 min Scan# 967
Delta R.T. -0.003 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Tgt Ion: 128 Resp: 17374
Ion Ratio Lower Upper
128 100
49 169.2 121.2 225.0
130 123.7 88.2 163.8
51 54.9 45.1 67.7





#25

Chloroform

Concen: 5.148 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.003 min

Lab File: VV032583.D

Acq: 23 Oct 2023 20:19

Instrument :

MSVOA_V

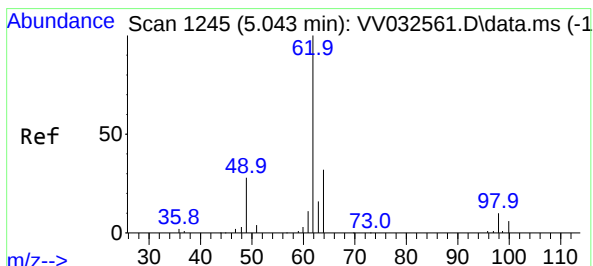
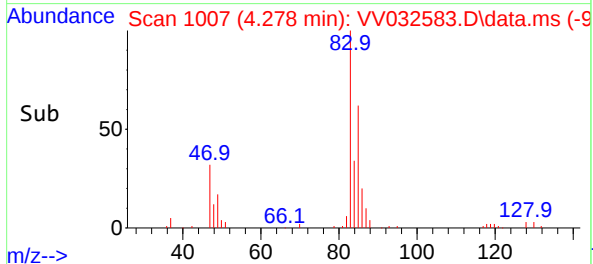
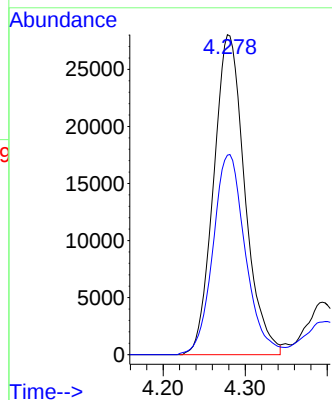
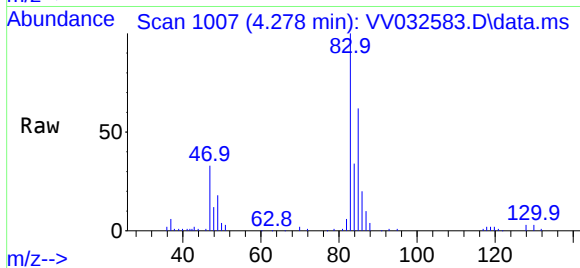
ClientSampleId :

Tgt Ion: 83 Resp: 74141

Ion Ratio Lower Upper

83 100

85 62.4 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.471 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV032583.D

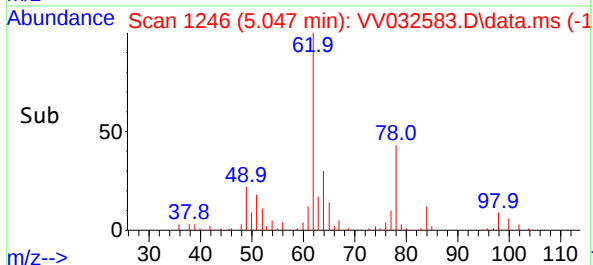
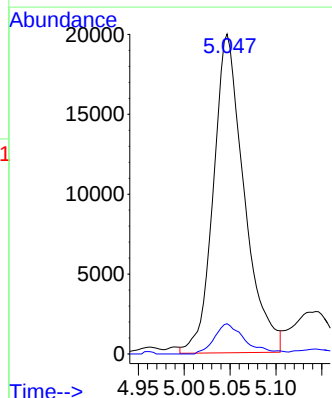
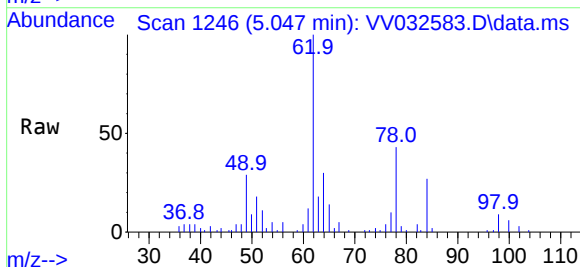
Acq: 23 Oct 2023 20:19

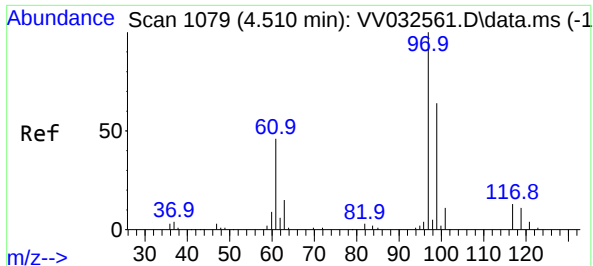
Tgt Ion: 62 Resp: 46553

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.161 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV032583.D

Acq: 23 Oct 2023 20:19

Instrument :

MSVOA_V

ClientSampleId :

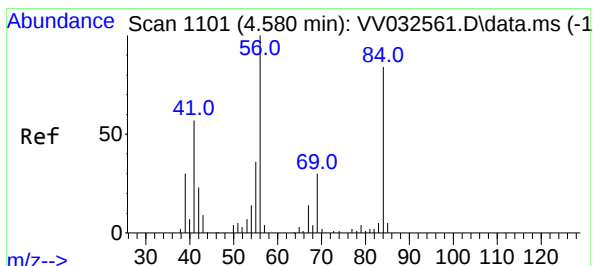
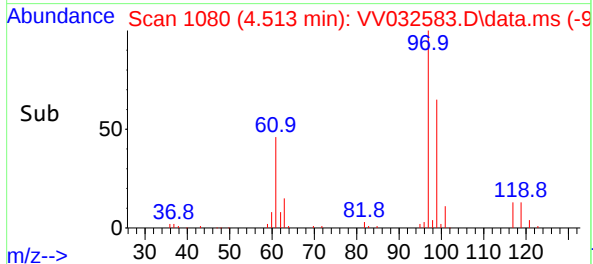
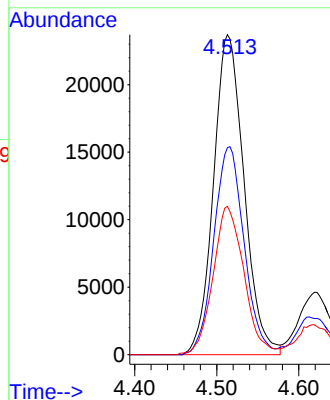
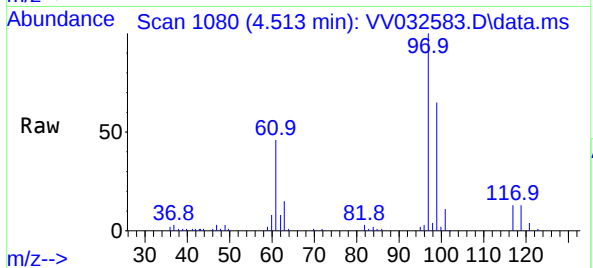
Tgt Ion: 97 Resp: 61393

Ion Ratio Lower Upper

97 100

99 64.5 50.1 75.1

61 46.7 35.1 52.7



#30

Cyclohexane

Concen: 3.058 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV032583.D

Acq: 23 Oct 2023 20:19

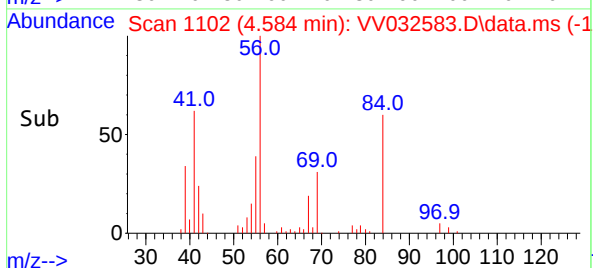
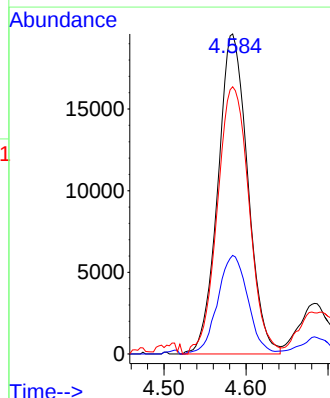
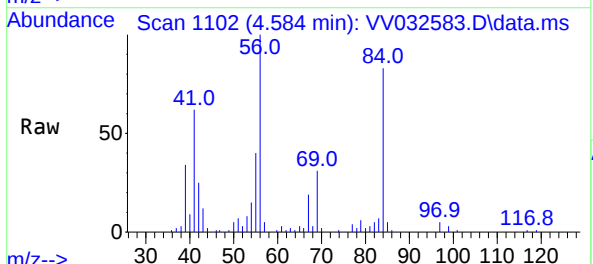
Tgt Ion: 56 Resp: 49576

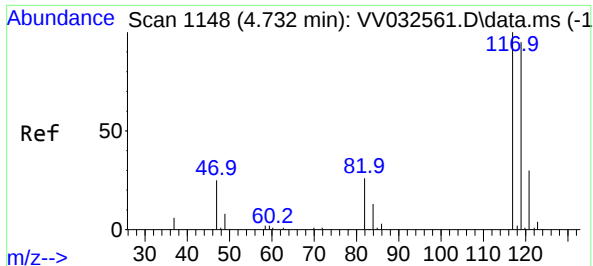
Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.2

84 88.9 68.1 102.1

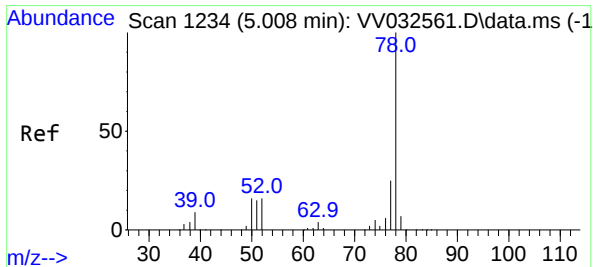
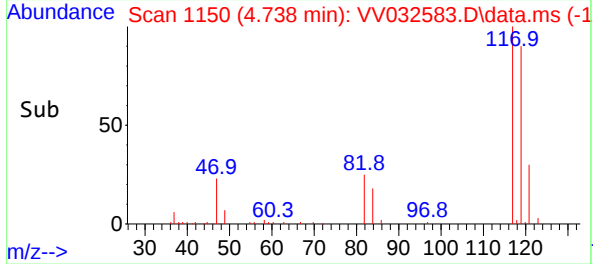
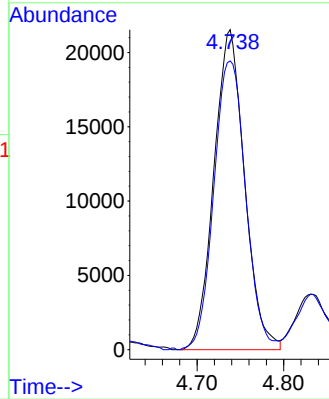
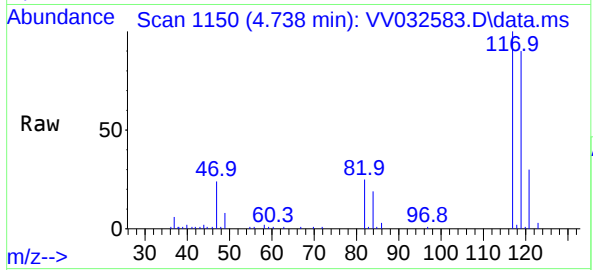




#31
Carbon tetrachloride
Concen: 4.239 ug/L
RT: 4.738 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

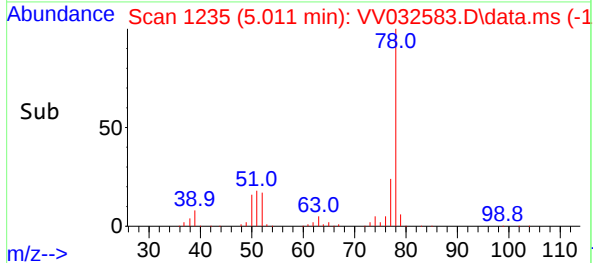
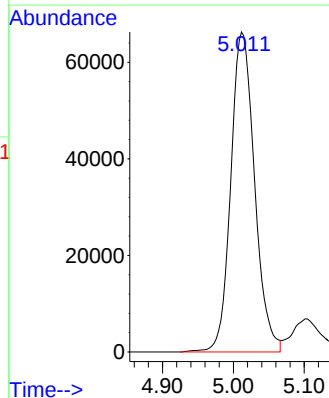
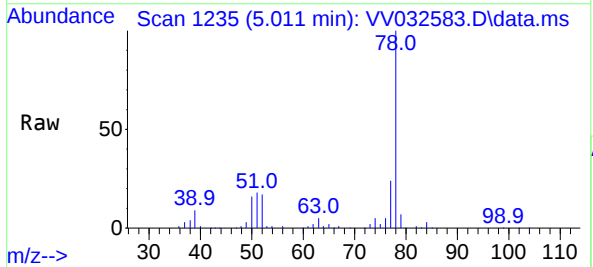
Instrument :
MSVOA_V
ClientSampleId :

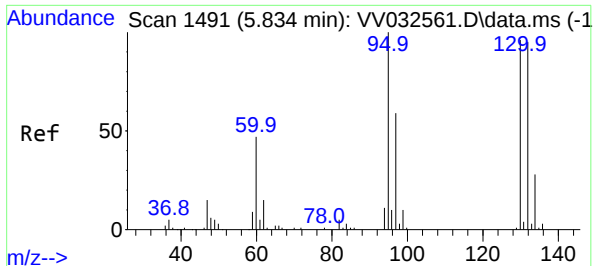
Tgt Ion:117 Resp: 52914
Ion Ratio Lower Upper
117 100
119 93.5 77.6 116.4



#33
Benzene
Concen: 4.050 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

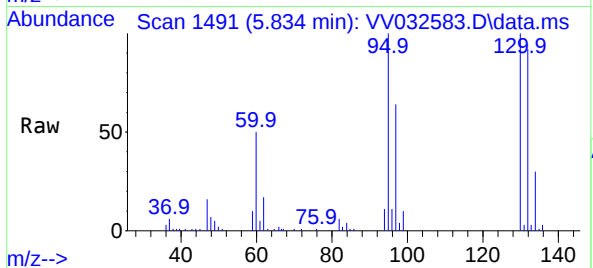
Tgt Ion: 78 Resp: 154746



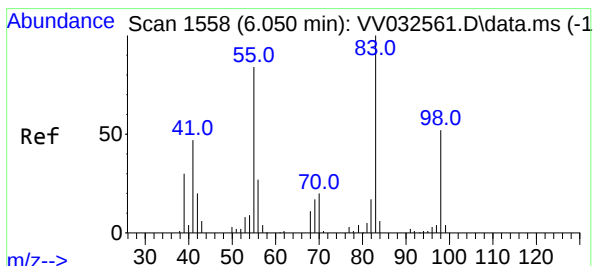
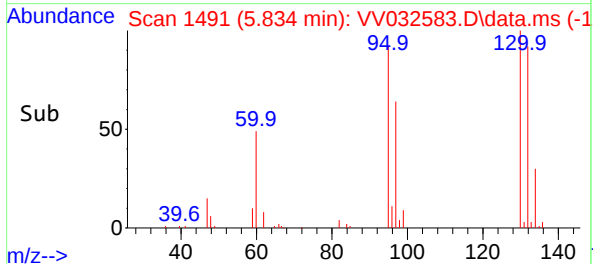
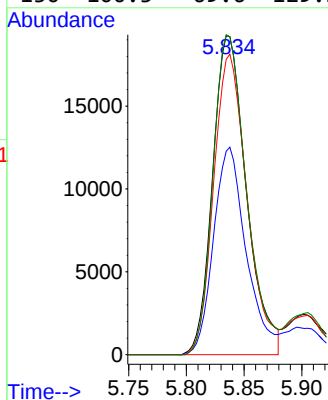


#34
Trichloroethene
Concen: 3.751 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :

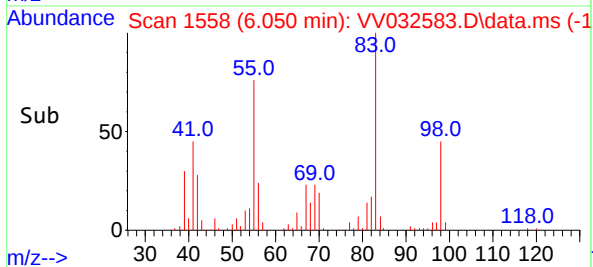
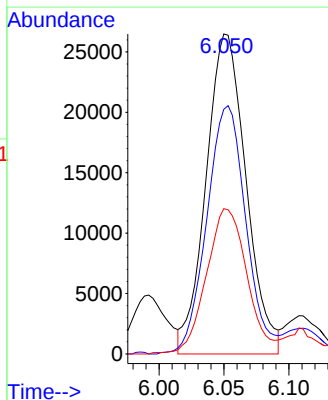
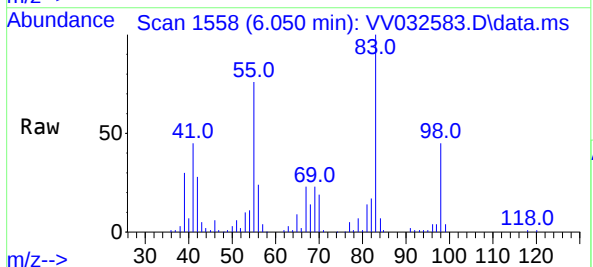


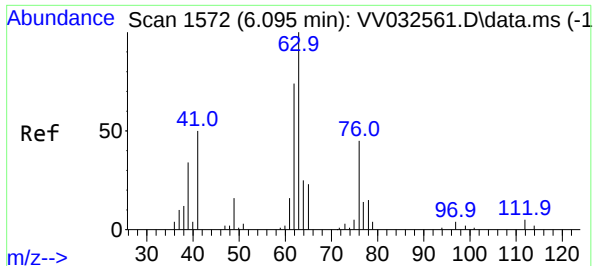
Tgt Ion: 95 Resp: 39120
Ion Ratio Lower Upper
95 100
97 63.8 45.7 84.9
132 92.6 70.3 130.5
130 100.3 69.6 129.2



#35
Methylcyclohexane
Concen: 3.515 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Tgt Ion: 83 Resp: 56737
Ion Ratio Lower Upper
83 100
55 75.9 64.2 96.2
98 45.8 39.6 59.4

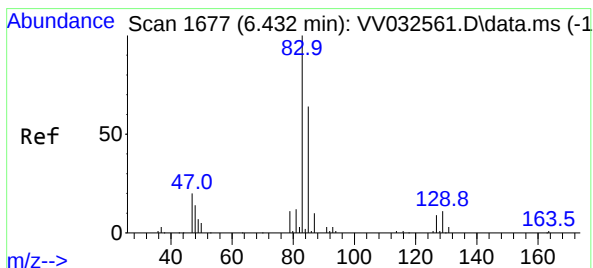
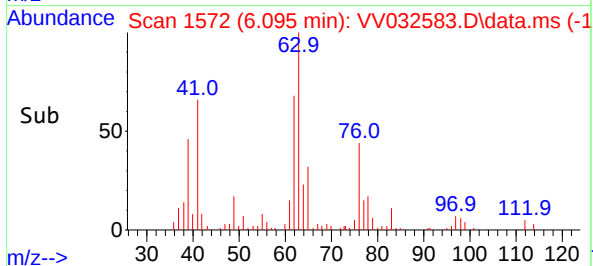
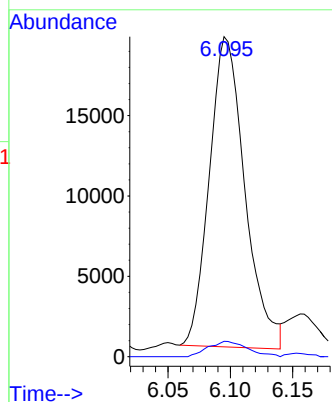
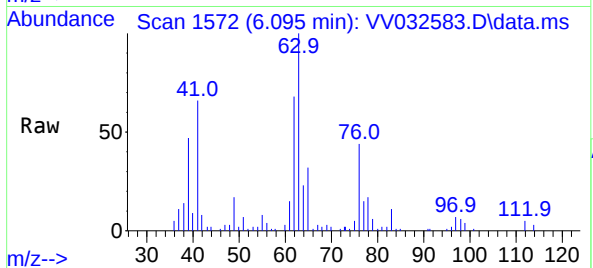




#37
1,2-Dichloropropane
Concen: 3.748 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

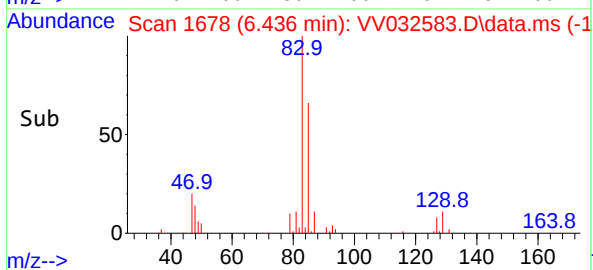
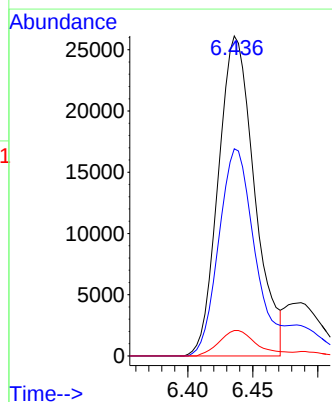
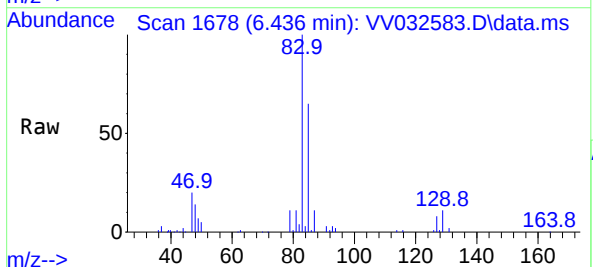
Instrument :
MSVOA_V
ClientSampleId :

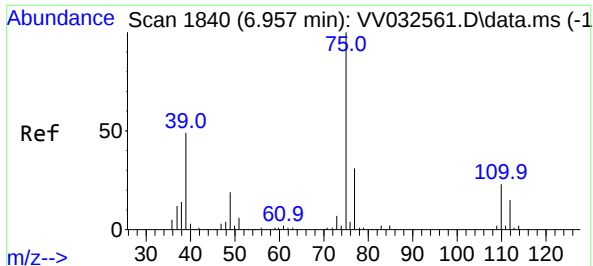
Tgt Ion: 63 Resp: 38292
Ion Ratio Lower Upper
63 100
112 5.5 3.4 5.2#



#38
Bromodichloromethane
Concen: 4.172 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Tgt Ion: 83 Resp: 50651
Ion Ratio Lower Upper
83 100
85 64.7 44.9 83.3
127 8.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.037 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. -0.003 min

Lab File: VV032583.D

Acq: 23 Oct 2023 20:19

Instrument :

MSVOA_V

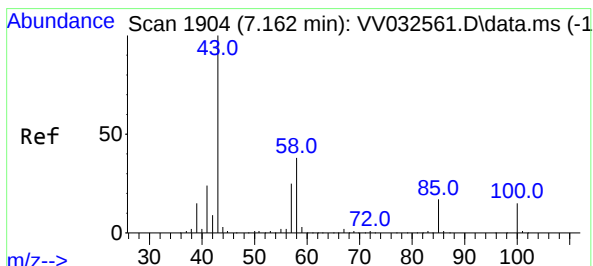
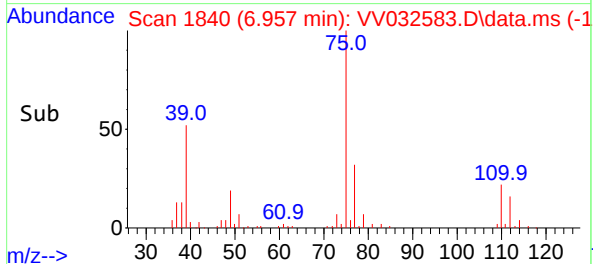
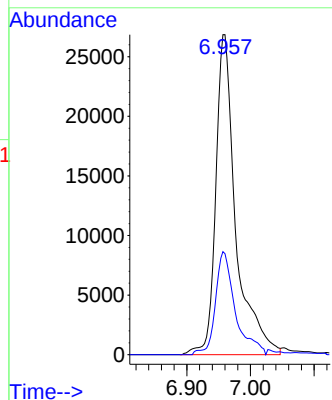
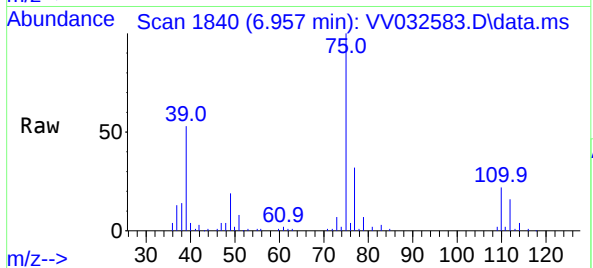
ClientSampleId :

Tgt Ion: 75 Resp: 58705

Ion Ratio Lower Upper

75 100

77 32.2 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 42.758 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV032583.D

Acq: 23 Oct 2023 20:19

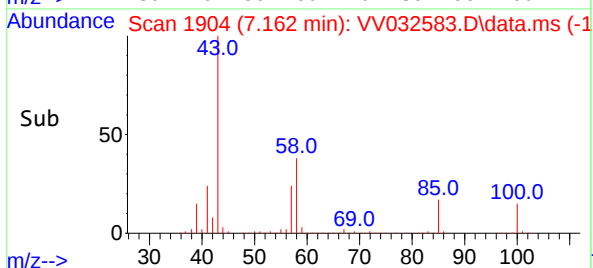
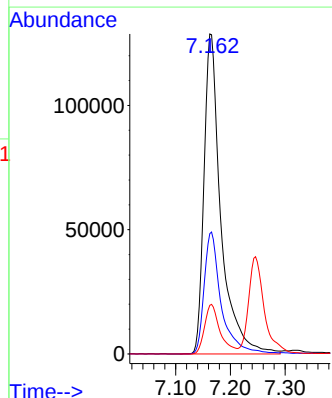
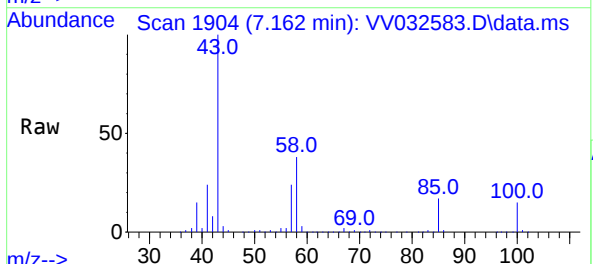
Tgt Ion: 43 Resp: 276464

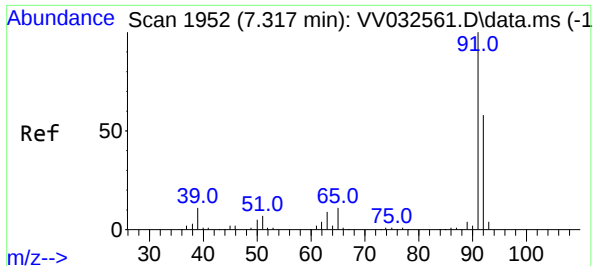
Ion Ratio Lower Upper

43 100

58 38.6 31.9 47.9

100 14.4 11.3 16.9





#42

Toluene

Concen: 4.572 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032583.D

Acq: 23 Oct 2023 20:19

Instrument :

MSVOA_V

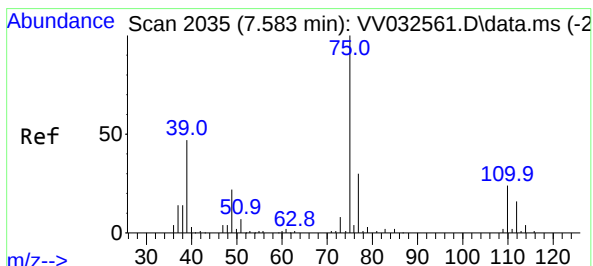
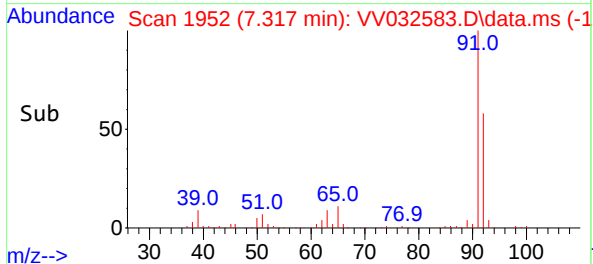
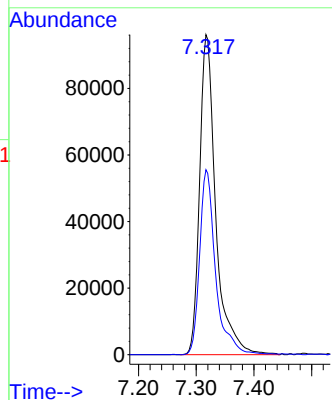
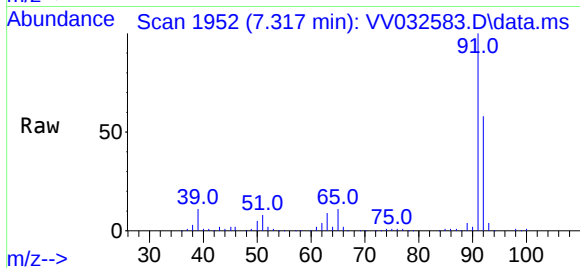
ClientSampleId :

Tgt Ion: 91 Resp: 186225

Ion Ratio Lower Upper

91 100

92 57.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.173 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. -0.003 min

Lab File: VV032583.D

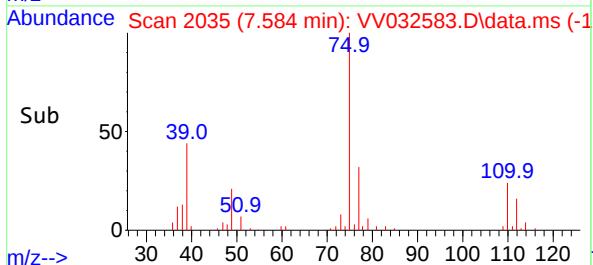
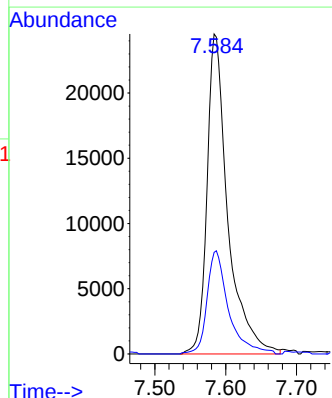
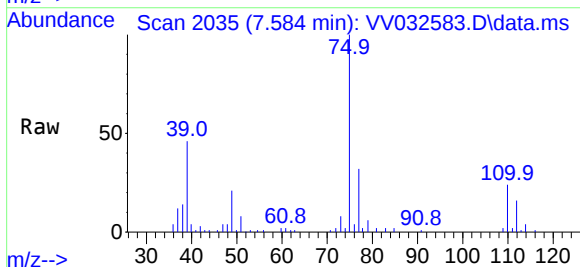
Acq: 23 Oct 2023 20:19

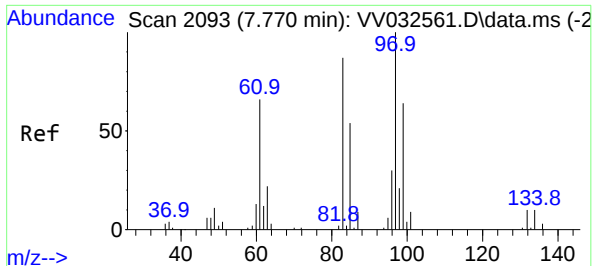
Tgt Ion: 75 Resp: 49869

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7



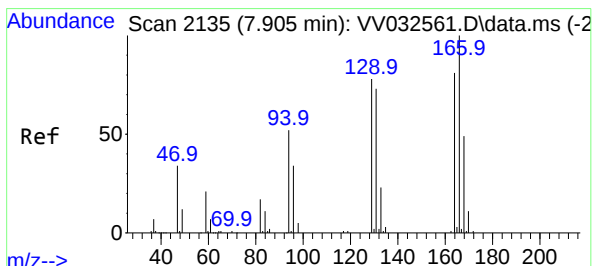
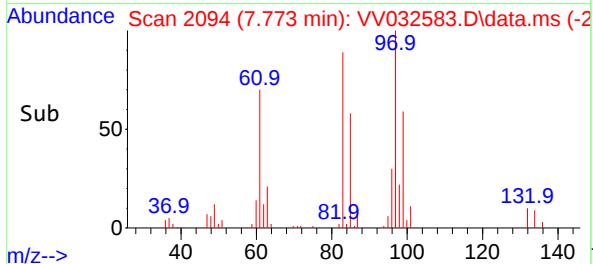
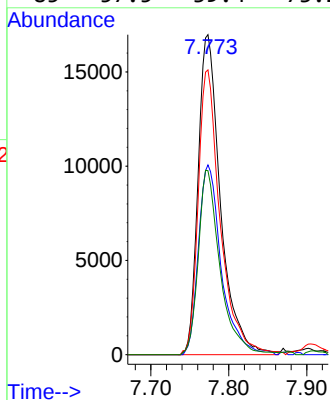
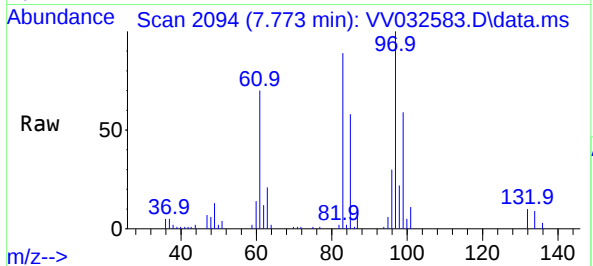


#45
1,1,2-Trichloroethane
Concen: 4.708 ug/L
RT: 7.773 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 33931

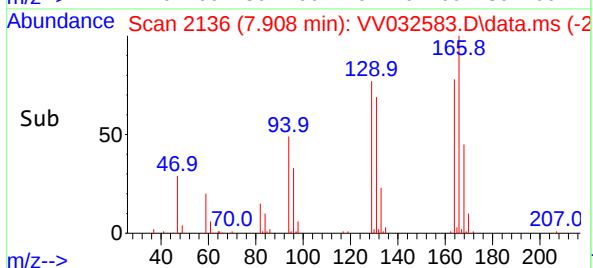
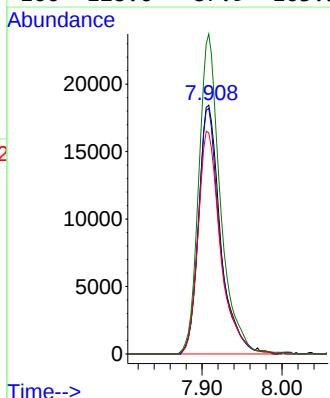
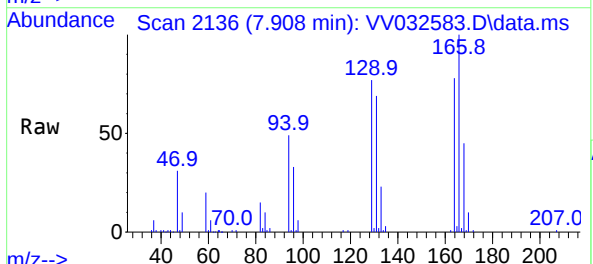
Ion	Ratio	Lower	Upper
97	100		
99	59.3	42.8	79.4
83	89.0	60.9	113.1
85	57.5	39.4	73.2

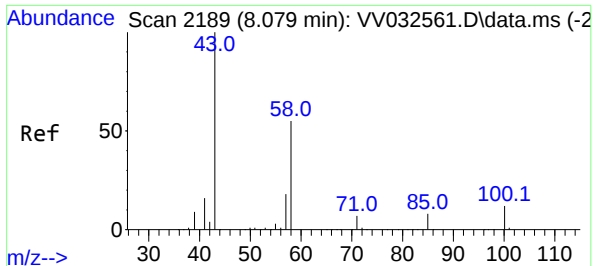


#47
Tetrachloroethene
Concen: 4.430 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Tgt Ion: 164 Resp: 35039

Ion	Ratio	Lower	Upper
164	100		
129	98.7	66.4	123.4
131	88.9	63.7	118.3
166	128.6	87.9	163.3



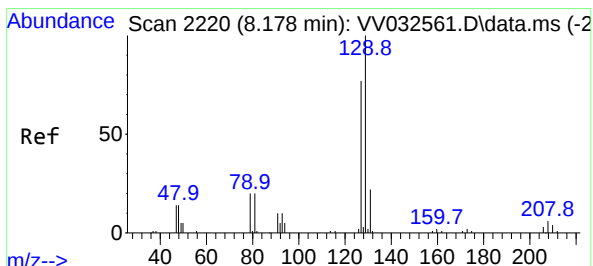
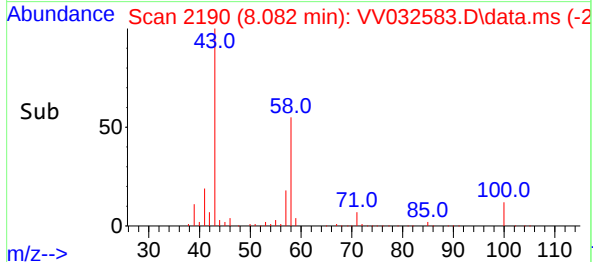
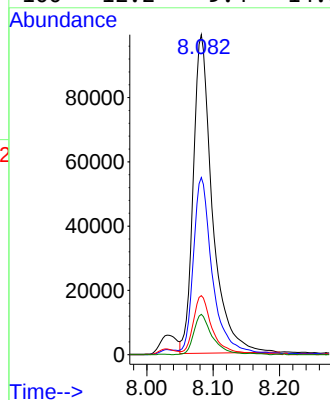
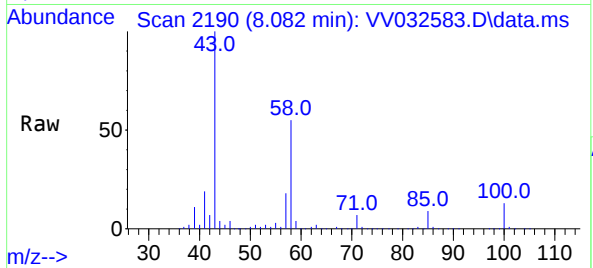


#48
2-Hexanone
Concen: 43.591 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 198859

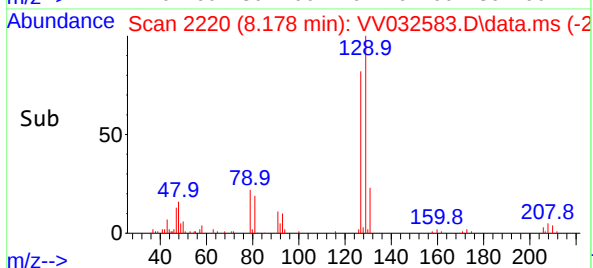
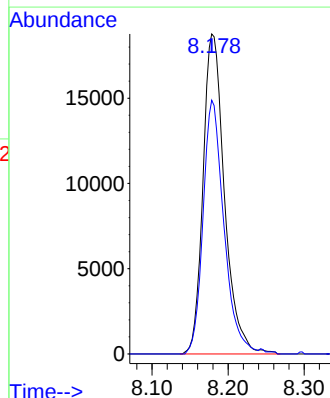
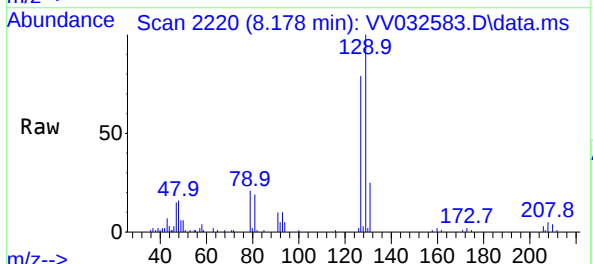
Ion	Ratio	Lower	Upper
43	100		
58	53.8	43.6	65.4
57	18.9	14.6	22.0
100	12.2	9.4	14.0

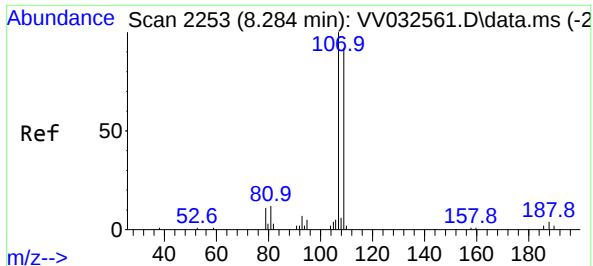


#49
Dibromochloromethane
Concen: 4.908 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Tgt Ion: 129 Resp: 36832

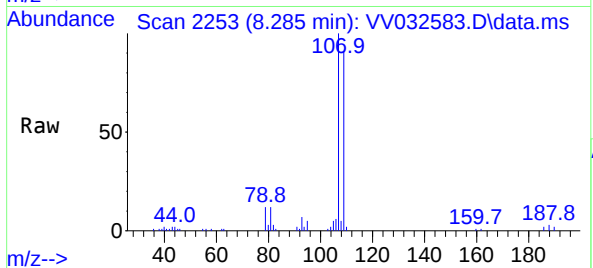
Ion	Ratio	Lower	Upper
129	100		
127	79.3	57.2	106.2



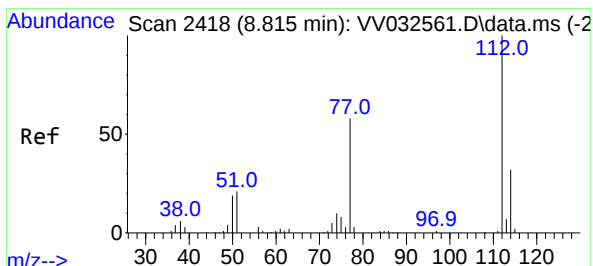
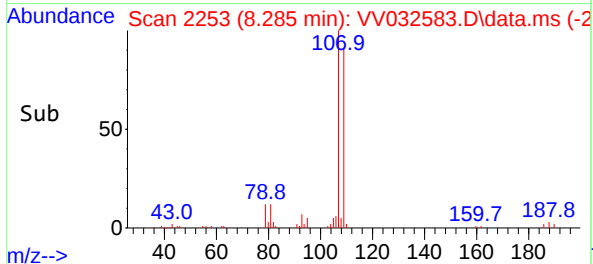
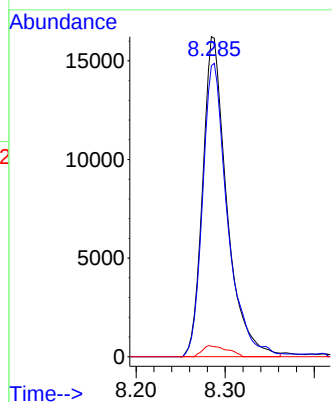


#50
1,2-Dibromoethane
Concen: 4.486 ug/L
RT: 8.285 min Scan# 2119
Delta R.T. -0.003 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :

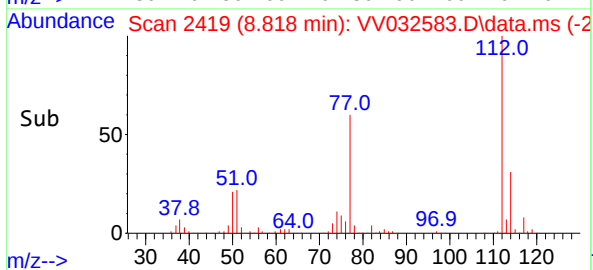
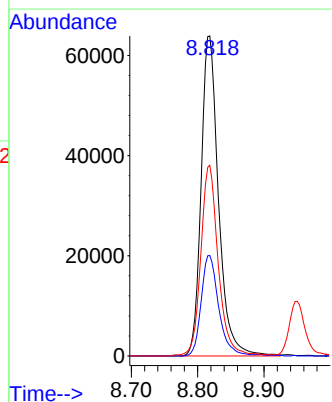
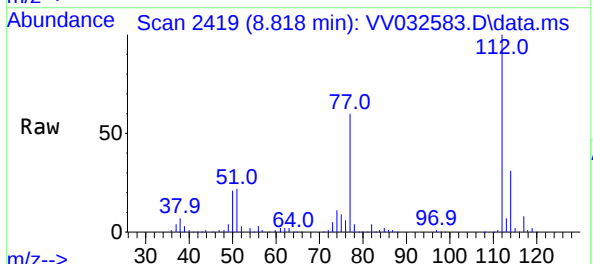


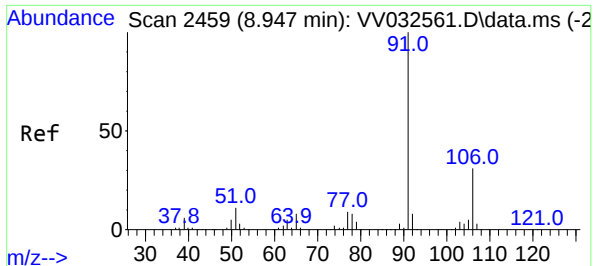
Tgt Ion:107 Resp: 30583
Ion Ratio Lower Upper
107 100
109 90.9 68.4 127.0
188 3.3 3.2 4.8



#51
Chlorobenzene
Concen: 4.442 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Tgt Ion:112 Resp: 116482
Ion Ratio Lower Upper
112 100
114 31.4 22.1 41.1
77 59.6 46.1 69.1





#52

Ethylbenzene

Concen: 4.209 ug/L

RT: 8.950 min Scan# 2459

Delta R.T. 0.000 min

Lab File: VV032583.D

Acq: 23 Oct 2023 20:19

Instrument :

MSVOA_V

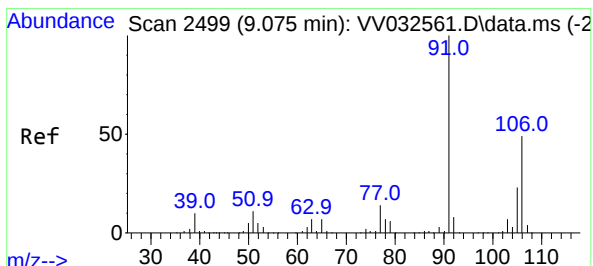
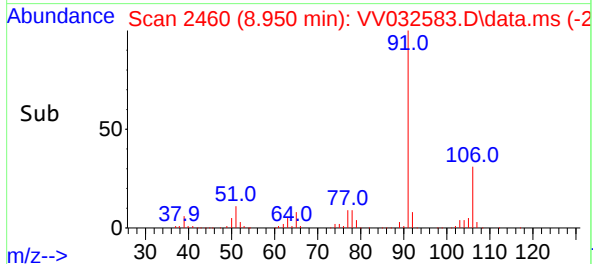
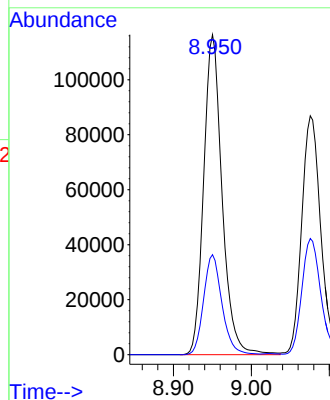
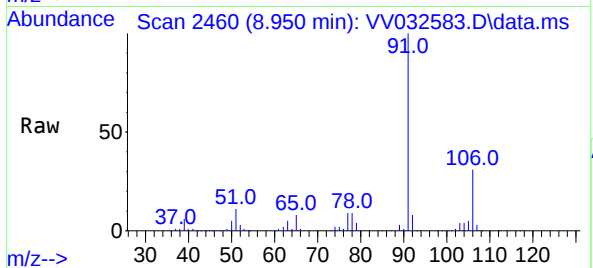
ClientSampleId :

Tgt Ion: 91 Resp: 190865

Ion Ratio Lower Upper

91 100

106 31.3 21.3 39.5



#53

m,p-Xylene

Concen: 4.331 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.000 min

Lab File: VV032583.D

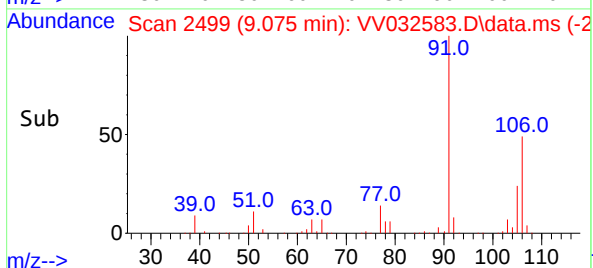
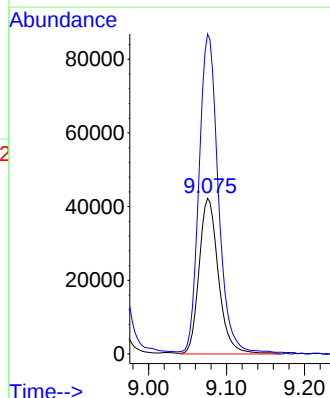
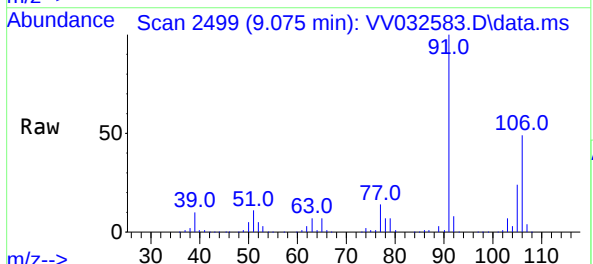
Acq: 23 Oct 2023 20:19

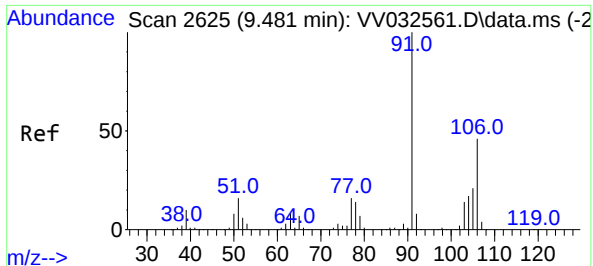
Tgt Ion: 106 Resp: 72851

Ion Ratio Lower Upper

106 100

91 205.6 144.5 268.3

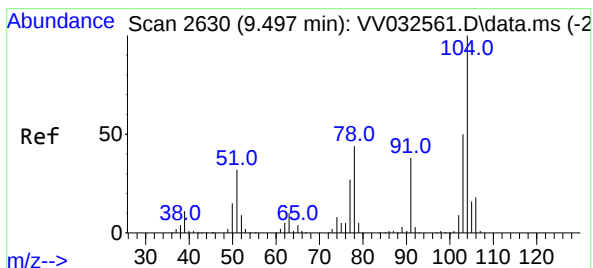
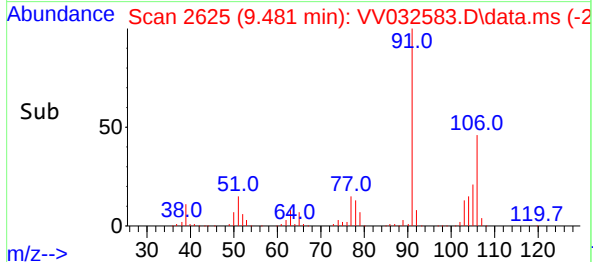
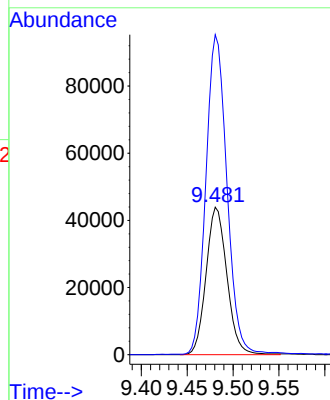
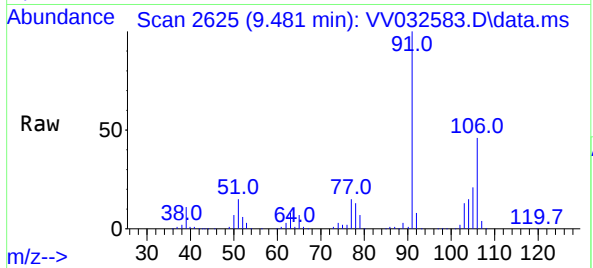




#54
o-Xylene
Concen: 4.282 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

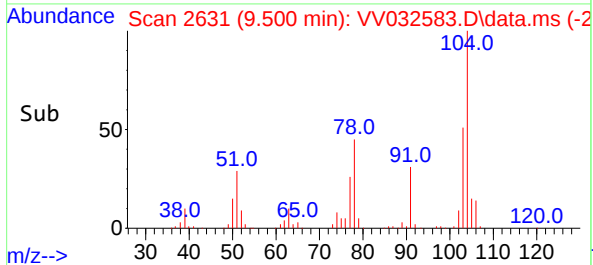
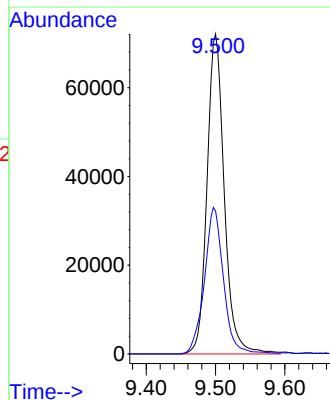
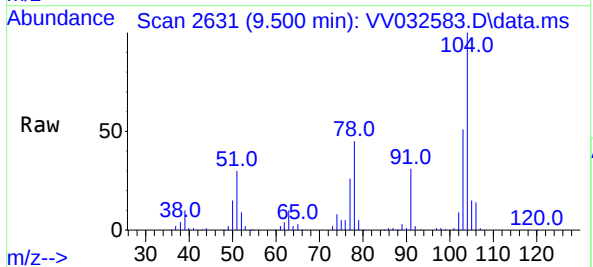
Instrument :
MSVOA_V
ClientSampleId :

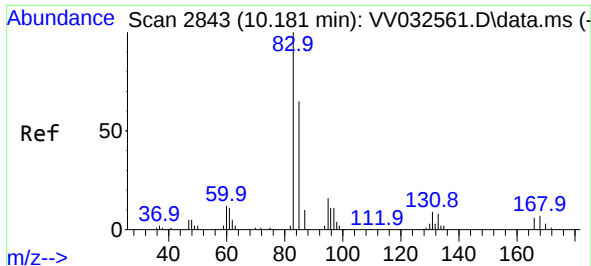
Tgt Ion:106 Resp: 69400
Ion Ratio Lower Upper
106 100
91 216.8 154.8 287.4



#55
Styrene
Concen: 4.550 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Tgt Ion:104 Resp: 124542
Ion Ratio Lower Upper
104 100
78 44.7 29.9 55.5

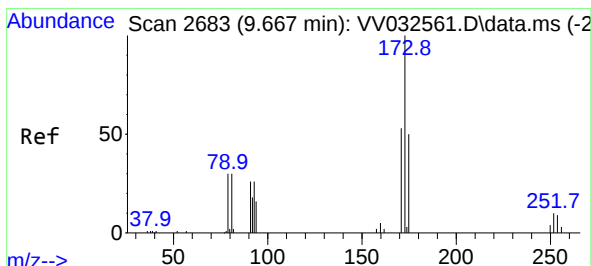
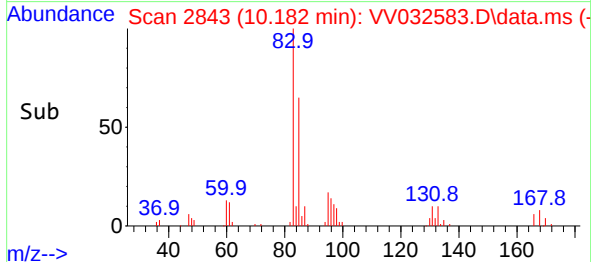
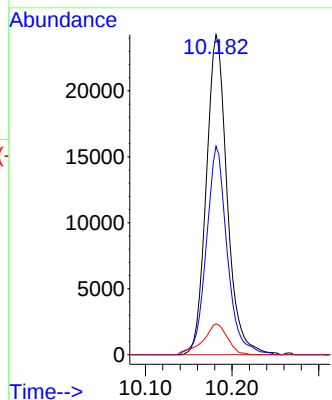
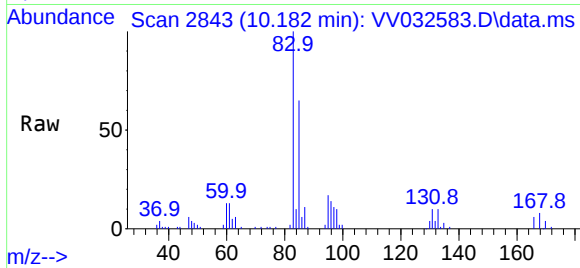




#57
1,1,2,2-Tetrachloroethane
Concen: 5.112 ug/L
RT: 10.182 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

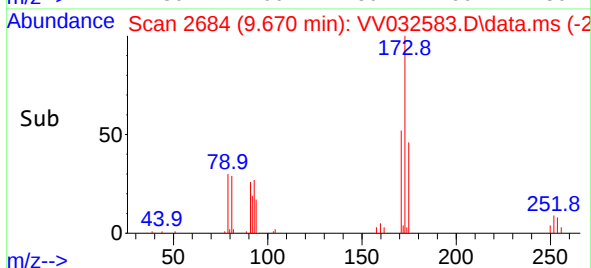
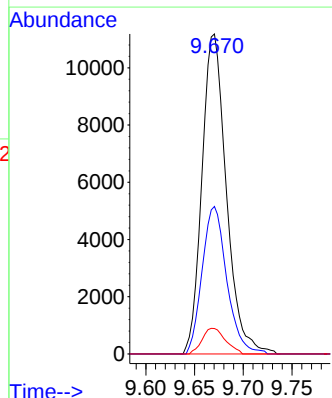
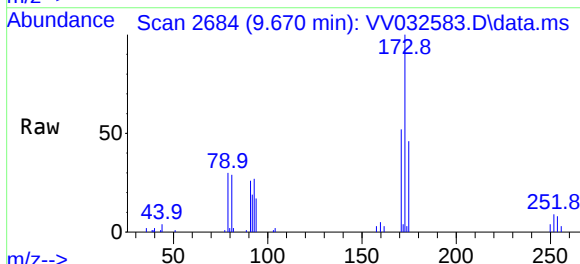
Instrument :
MSVOA_V
ClientSampleId :

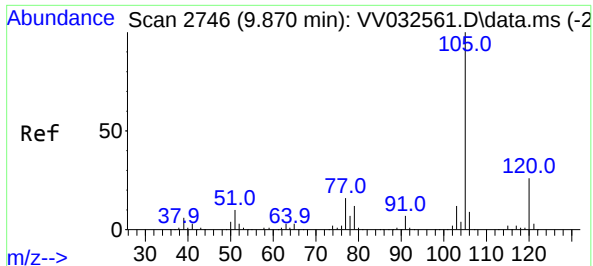
Tgt Ion: 83 Resp: 40540
Ion Ratio Lower Upper
83 100
85 65.1 43.6 81.0
131 9.6 7.0 10.6



#59
Bromoform
Concen: 4.730 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.003 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Tgt Ion: 173 Resp: 19495
Ion Ratio Lower Upper
173 100
175 46.4 38.2 57.2
254 7.6 7.0 10.4

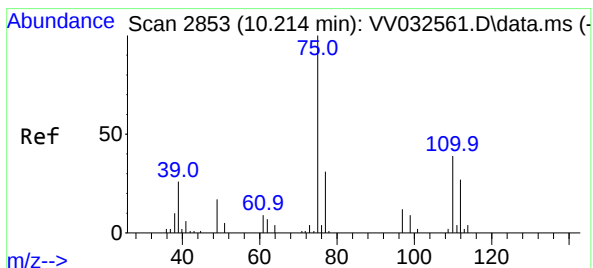
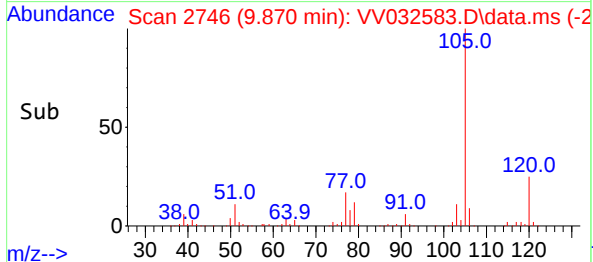
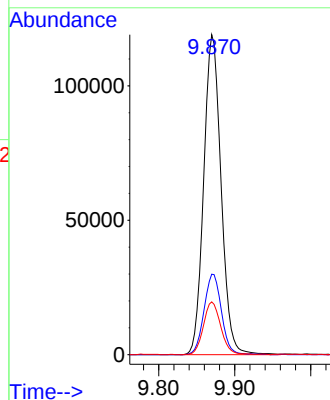
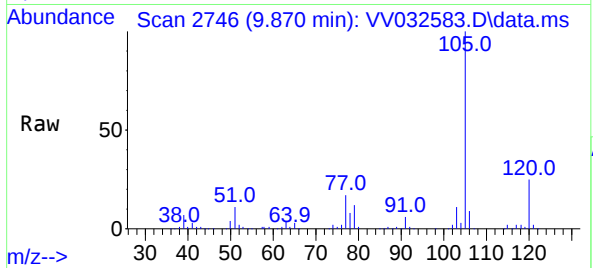




#60
Isopropylbenzene
Concen: 4.295 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

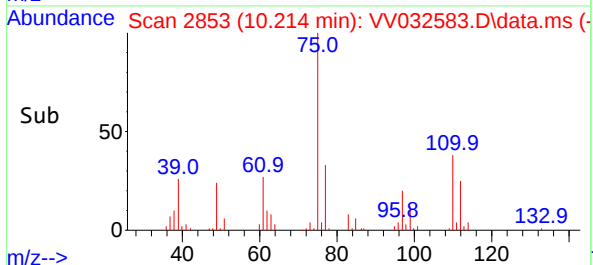
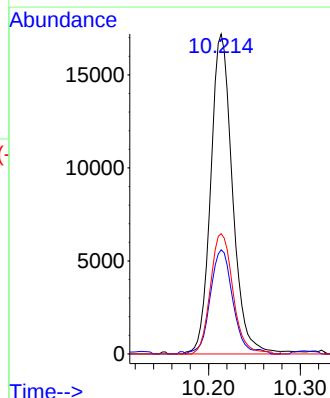
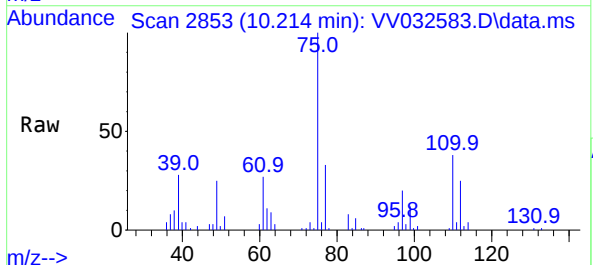
Instrument :
MSVOA_V
ClientSampleId :

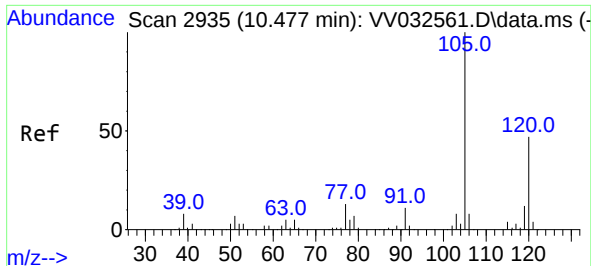
Tgt Ion:105 Resp: 189178
Ion Ratio Lower Upper
105 100
120 25.2 21.0 31.6
77 16.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.698 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Tgt Ion: 75 Resp: 28340
Ion Ratio Lower Upper
75 100
77 33.2 26.2 39.2
110 39.0 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 3.990 ug/L

RT: 10.481 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV032583.D

Acq: 23 Oct 2023 20:19

Instrument :

MSVOA_V

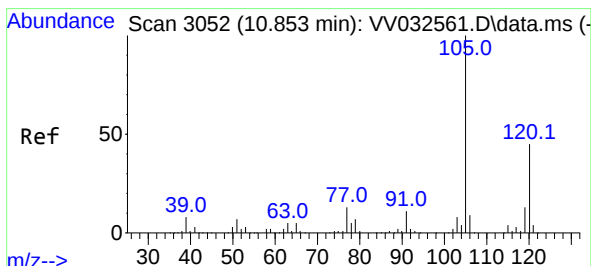
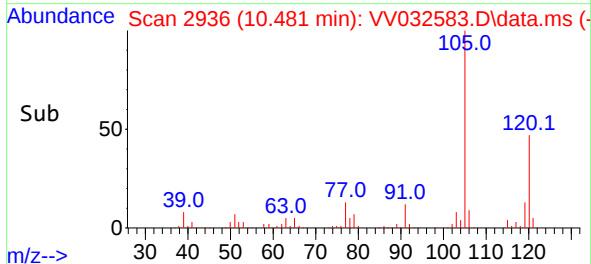
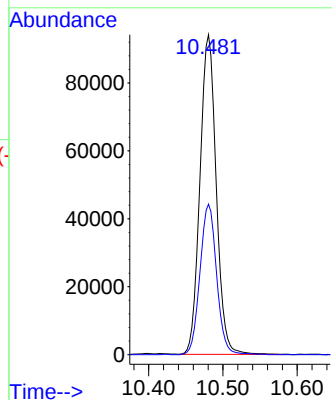
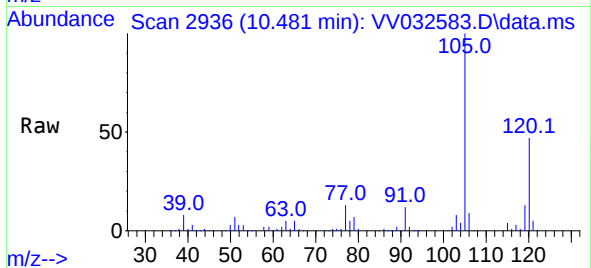
ClientSampleId :

Tgt Ion:105 Resp: 143240

Ion Ratio Lower Upper

105 100

120 48.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.116 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032583.D

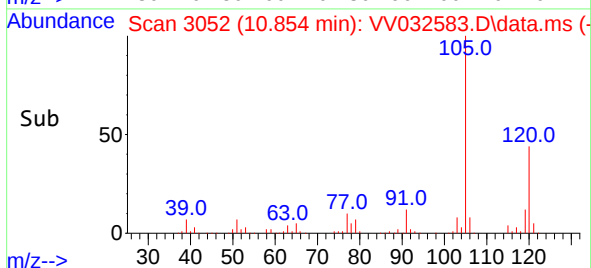
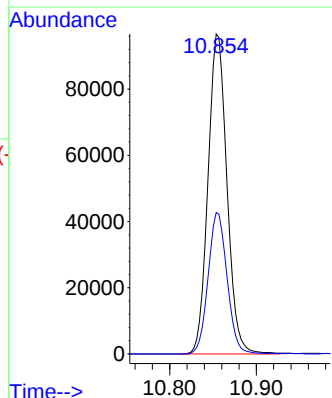
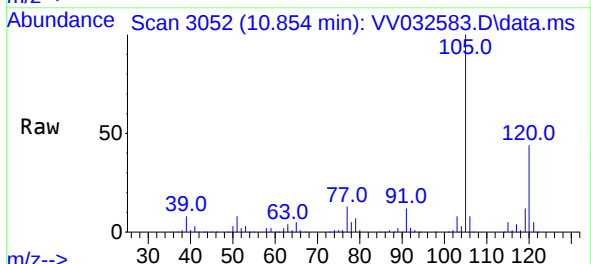
Acq: 23 Oct 2023 20:19

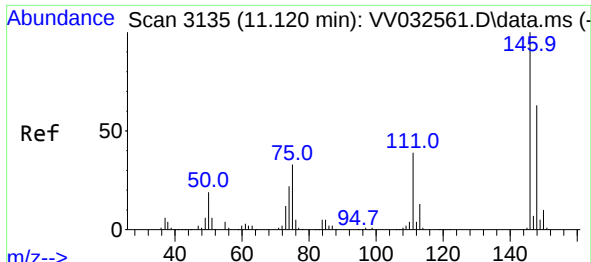
Tgt Ion:105 Resp: 147106

Ion Ratio Lower Upper

105 100

120 44.1 36.2 54.4

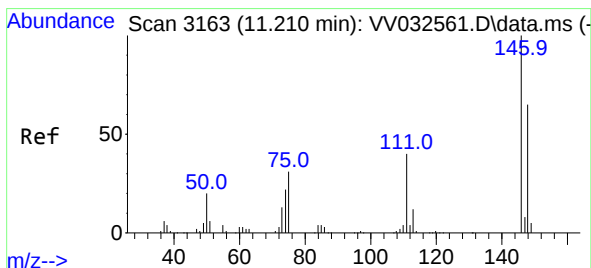
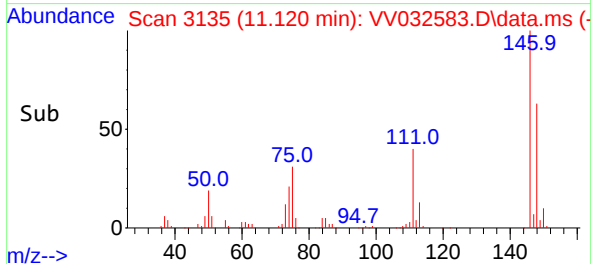
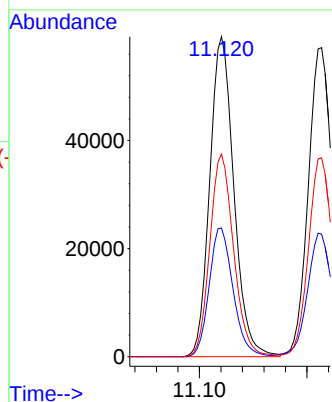
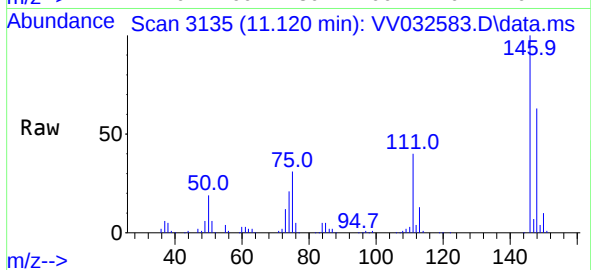




#64
1,3-Dichlorobenzene
Concen: 4.383 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

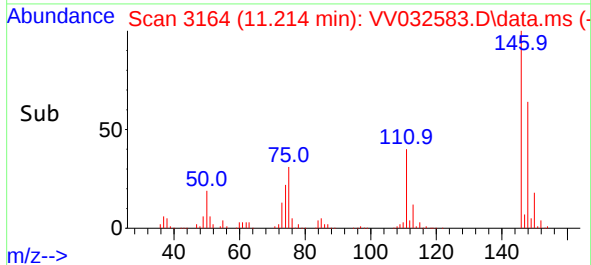
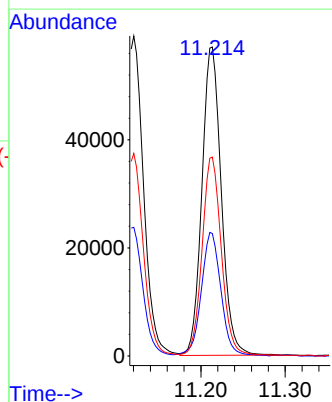
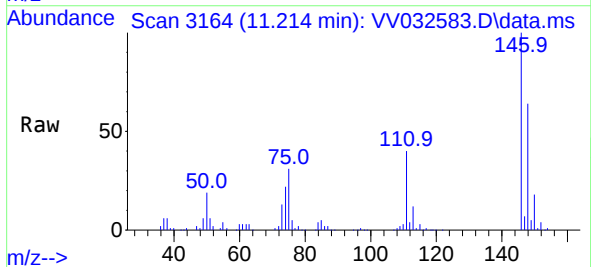
Instrument :
MSVOA_V
ClientSampleId :

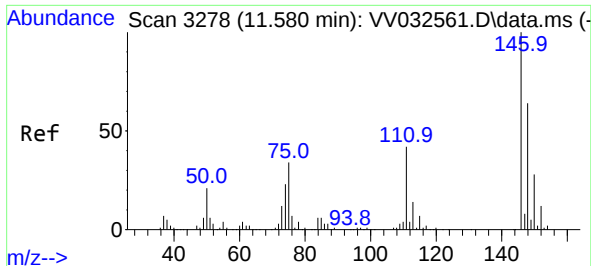
Tgt Ion:146 Resp: 92234
Ion Ratio Lower Upper
146 100
111 40.2 27.8 51.6
148 63.3 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.334 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Tgt Ion:146 Resp: 91490
Ion Ratio Lower Upper
146 100
111 39.6 26.9 49.9
148 64.4 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.429 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032583.D

Acq: 23 Oct 2023 20:19

Instrument :

MSVOA_V

ClientSampleId :

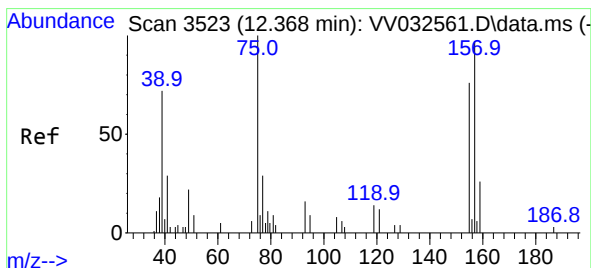
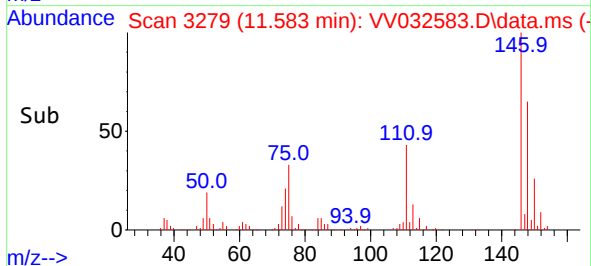
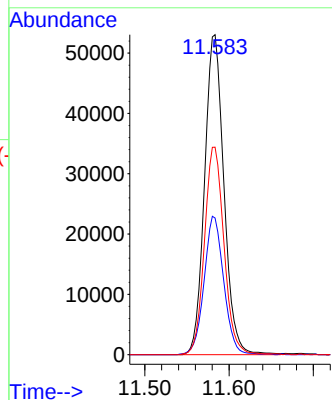
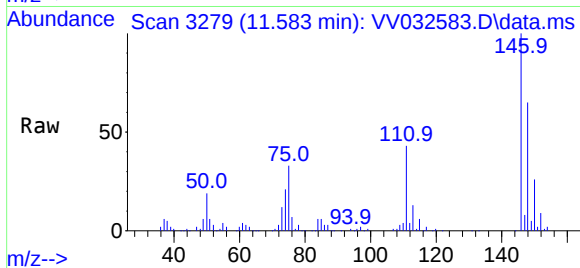
Tgt Ion:146 Resp: 84999

Ion Ratio Lower Upper

146 100

111 42.7 32.8 49.2

148 64.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.653 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV032583.D

Acq: 23 Oct 2023 20:19

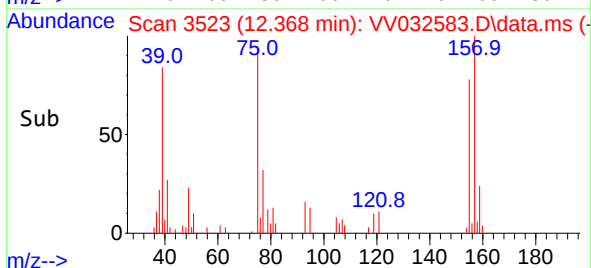
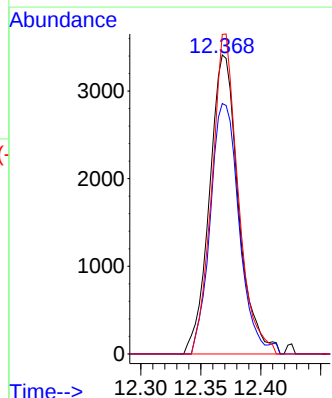
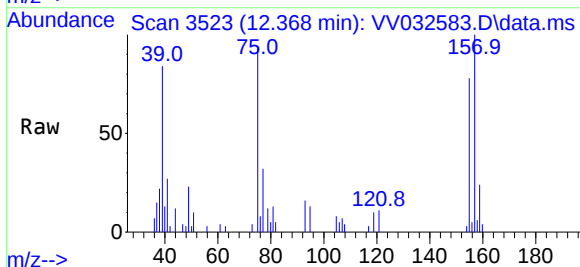
Tgt Ion: 75 Resp: 5735

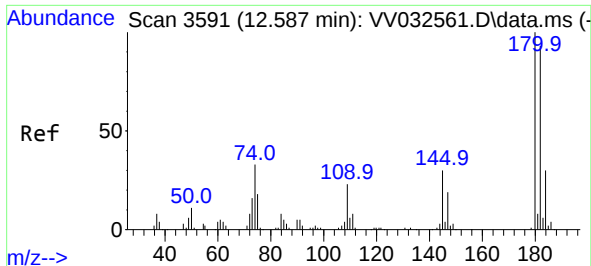
Ion Ratio Lower Upper

75 100

155 83.7 70.2 105.4

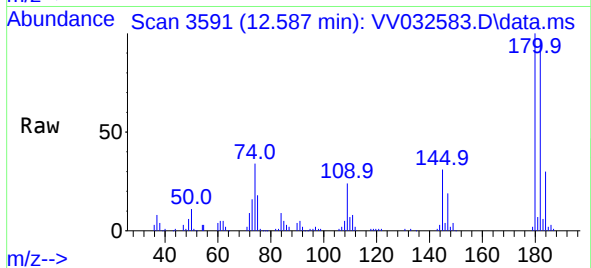
157 106.8 90.6 135.8



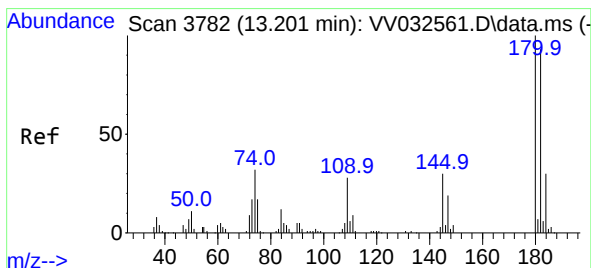
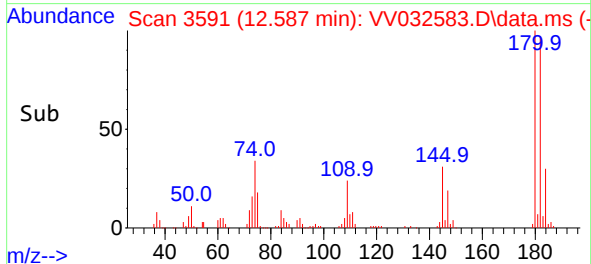
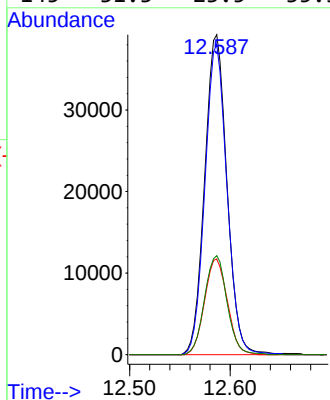


#69
1,3,5-Trichlorobenzene
Concen: 3.924 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :

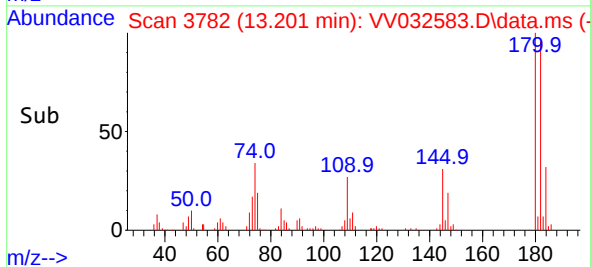
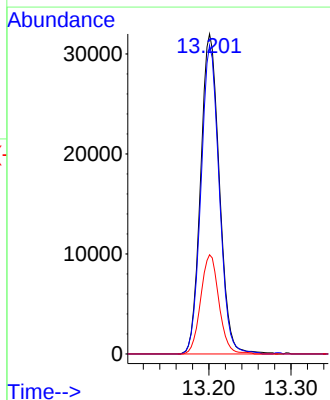
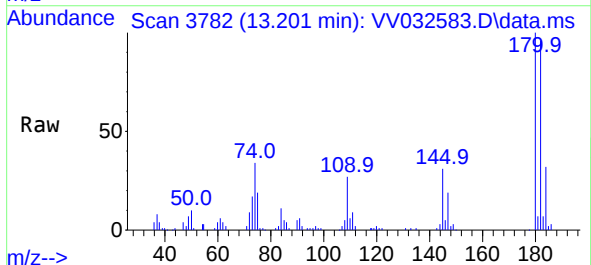


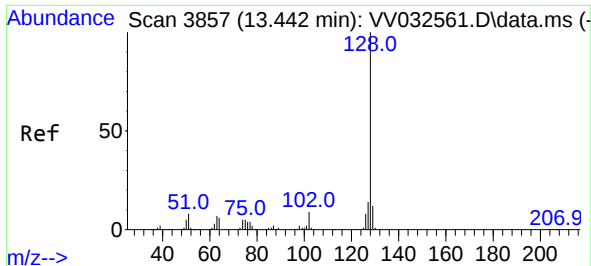
Tgt Ion:180 Resp: 60470
Ion Ratio Lower Upper
180 100
182 95.7 74.6 112.0
184 30.5 24.1 36.1
145 31.3 23.5 35.3



#70
1,2,4-trichlorobenzene
Concen: 3.704 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Tgt Ion:180 Resp: 50633
Ion Ratio Lower Upper
180 100
182 94.0 76.5 114.7
145 30.2 24.3 36.5

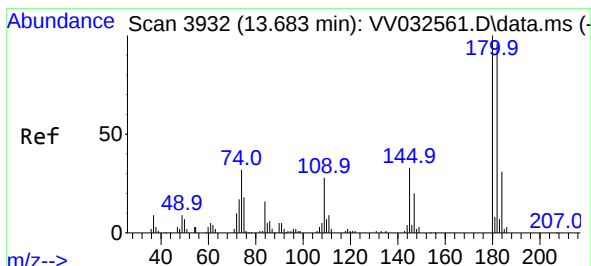
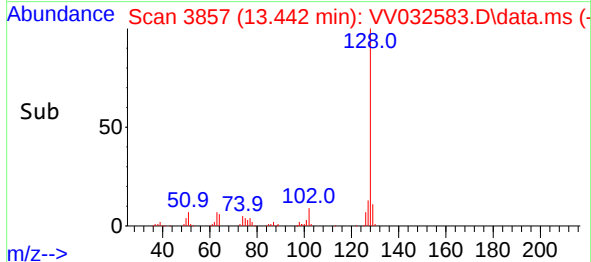
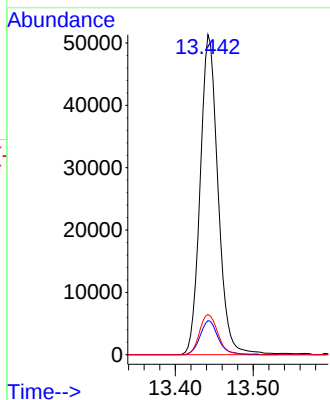
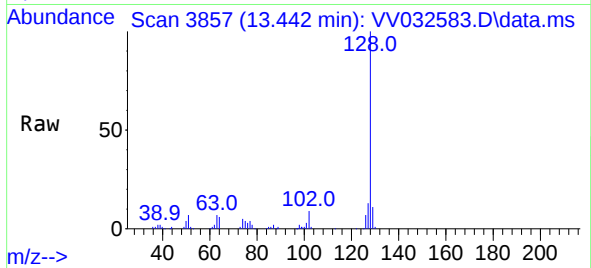




#71
Naphthalene
Concen: 3.515 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 81629
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.038 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032583.D
Acq: 23 Oct 2023 20:19

Tgt Ion:180 Resp: 47562
Ion Ratio Lower Upper
180 100
182 96.4 77.0 115.4
145 33.2 25.7 38.5

