

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092923\
 Data File : VV032187.D
 Acq On : 29 Sep 2023 12:13
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 30 04:30:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 30 04:24:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	110015	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	106063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56019	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	51171	5.719	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 114.400%		
7) Chloroethane-d5	1.532	69	41894	5.768	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 115.400%		
11) 1,1-Dichloroethene-d2	2.060	65	20516	5.437	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 108.800%		
20) 2-Butanone-d5	3.822	46	122667	54.196	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 108.400%		
24) Chloroform-d	4.249	84	89925	5.697	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 114.000%		
26) 1,2-Dichloroethane-d4	4.947	65	42228	5.648	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 113.000%		
32) Benzene-d6	4.960	84	180041	5.769	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 115.400%		
36) 1,2-Dichloropropane-d6	5.992	67	56010	5.417	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.400%		
41) Toluene-d8	7.246	98	164817	5.775	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.600%		
43) trans-1,3-Dichloroprop...	7.558	79	22081	6.026	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 120.600%		
46) 2-Hexanone-d5	8.030	63	101812	59.056	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 118.120%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	41196	5.696	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 114.000%		
66) 1,2-Dichlorobenzene-d4	11.564	152	59028	5.678	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	64508	5.262	ug/L	99
3) Chloromethane	1.217	50	62933	5.092	ug/L	99
5) Vinyl chloride	1.281	62	59810	5.074	ug/L	99
6) Bromomethane	1.487	94	36912	5.184	ug/L	98
8) Chloroethane	1.552	64	36498	5.143	ug/L	99
9) Trichlorofluoromethane	1.716	101	73372	5.190	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	44507	5.196	ug/L	98
12) 1,1-Dichloroethene	2.069	96	41953	5.200	ug/L	97
13) Acetone	2.153	43	90643	51.959	ug/L	95
14) Carbon disulfide	2.240	76	146671	5.200	ug/L	100
15) Methyl Acetate	2.388	43	20519	5.225	ug/L	100
16) Methylene chloride	2.449	84	52137	4.956	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	113542	5.169	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	47264	5.114	ug/L	98
19) 1,1-Dichloroethane	3.114	63	88218	5.074	ug/L	98
21) 2-Butanone	3.902	43	135801	49.779	ug/L	93
22) cis-1,2-Dichloroethene	3.815	96	51732	5.199	ug/L	97
23) Bromochloromethane	4.149	128	21467	5.128	ug/L	95
25) Chloroform	4.278	83	85894	5.035	ug/L	99

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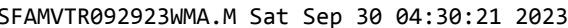
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 ClientSampleId :

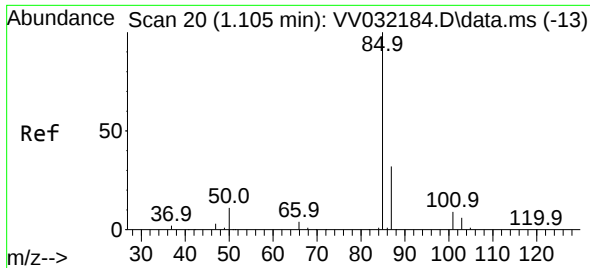
Quant Time: Sep 30 04:30:12 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	50352	4.997	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	73212	5.077	ug/L	98
30) Cyclohexane	4.584	56	81190	5.124	ug/L	100
31) Carbon tetrachloride	4.735	117	62245	5.101	ug/L	99
33) Benzene	5.011	78	193880	5.192	ug/L	100
34) Trichloroethene	5.834	95	53374	5.236	ug/L	96
35) Methylcyclohexane	6.050	83	84872	5.380	ug/L	98
37) 1,2-Dichloropropane	6.095	63	50877	5.095	ug/L	99
38) Bromodichloromethane	6.436	83	61591	5.190	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	77030	5.420	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	328660	52.005	ug/L	99
42) Toluene	7.317	91	207698	5.218	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	60643	5.192	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	34991	4.967	ug/L	98
47) Tetrachloroethene	7.908	164	38753	5.013	ug/L	97
48) 2-Hexanone	8.082	43	237606	53.288	ug/L	99
49) Dibromochloromethane	8.178	129	38676	5.273	ug/L	99
50) 1,2-Dibromoethane	8.284	107	33571	5.038	ug/L	92
51) Chlorobenzene	8.815	112	129009	5.034	ug/L	97
52) Ethylbenzene	8.947	91	226116	5.101	ug/L	100
53) m,p-Xylene	9.075	106	84238	5.124	ug/L	96
54) o-Xylene	9.480	106	81824	5.165	ug/L	100
55) Styrene	9.500	104	140686	5.259	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	39484	5.094	ug/L	99
59) Bromoform	9.670	173	21485	5.274	ug/L	99
60) Isopropylbenzene	9.870	105	222549	5.112	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	29895	5.014	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	182601	5.146	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	182338	5.162	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	103740	4.988	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	104471	5.007	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	96780	5.102	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	5980	4.909	ug/L	98
69) 1,3,5-Trichlorobenzene	12.586	180	76449	5.019	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	68120	5.042	ug/L	98
71) Naphthalene	13.442	128	133864	5.833	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	61402	5.275	ug/L	98

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

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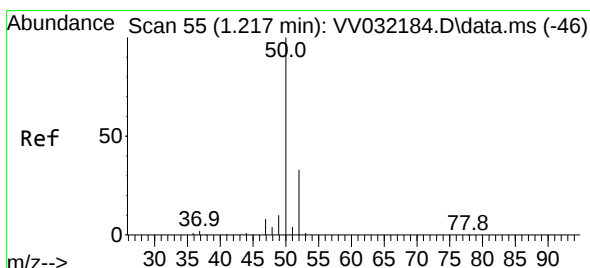
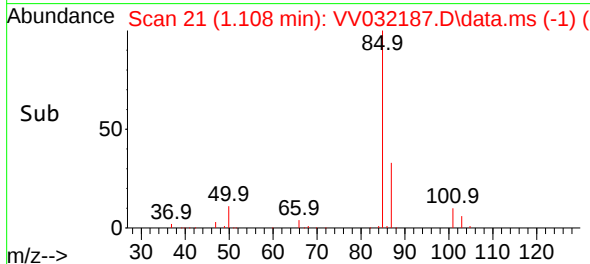
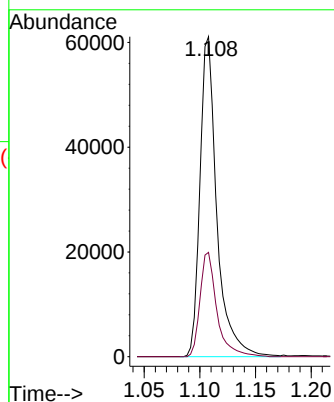
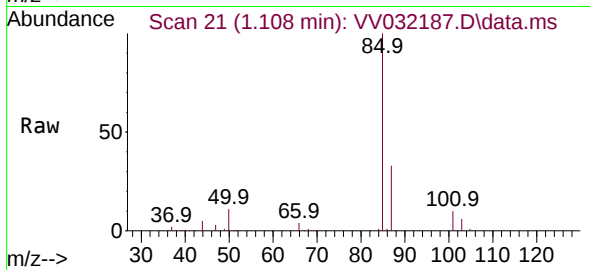




#2
 Dichlorodifluoromethane
 Concen: 5.262 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV032187.D
 Acq: 29 Sep 2023 12:13

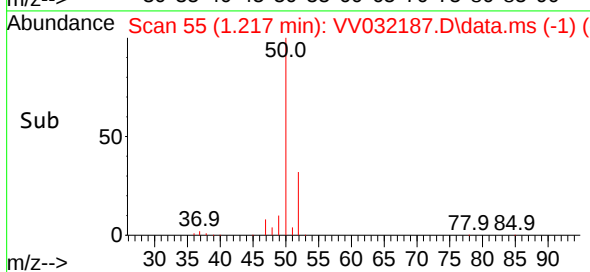
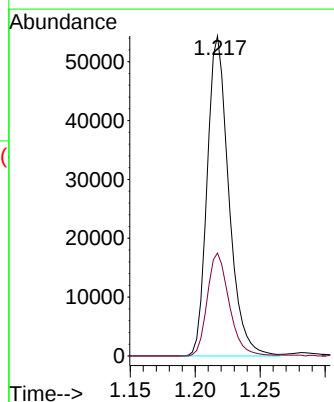
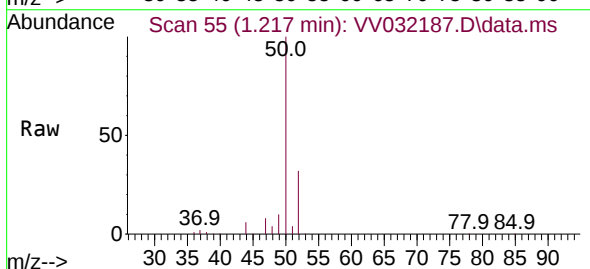
Instrument :
 MSVOA_V
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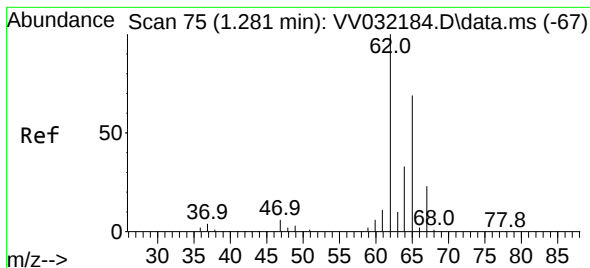
Tgt Ion: 85 Resp: 64508
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.5 38.3



#3
 Chloromethane
 Concen: 5.092 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV032187.D
 Acq: 29 Sep 2023 12:13

Tgt Ion: 50 Resp: 62933
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.6





#5

Vinyl chloride

Concen: 5.074 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV032187.D

Acq: 29 Sep 2023 12:13

Instrument :

MSVOA_V

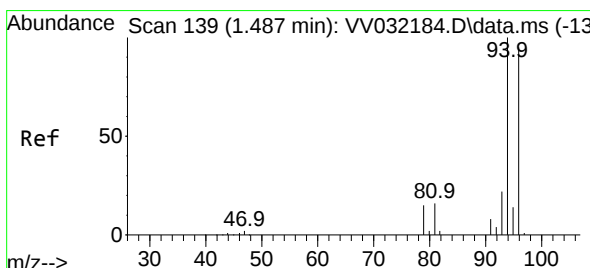
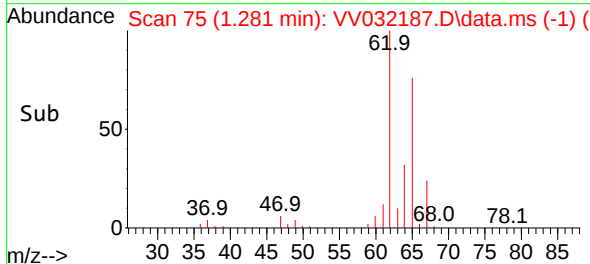
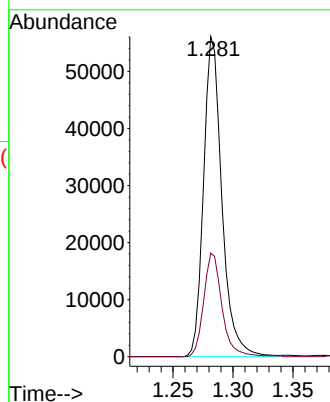
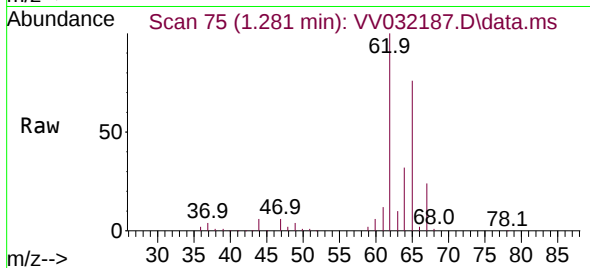
ClientSampleId :

Tgt Ion: 62 Resp: 59810

Ion Ratio Lower Upper

62 100

64 32.4 23.1 42.9



#6

Bromomethane

Concen: 5.184 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV032187.D

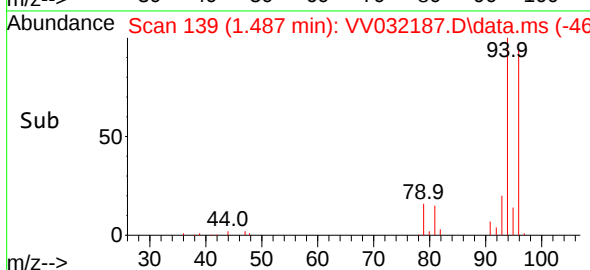
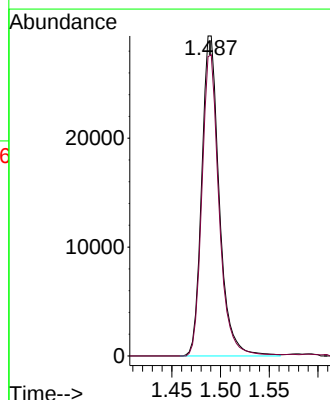
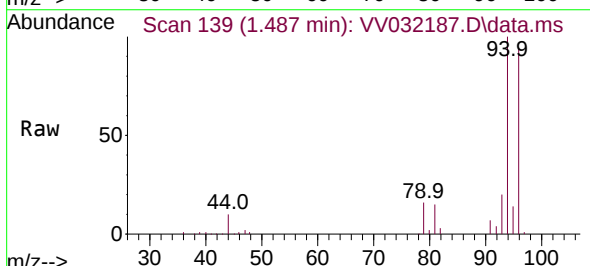
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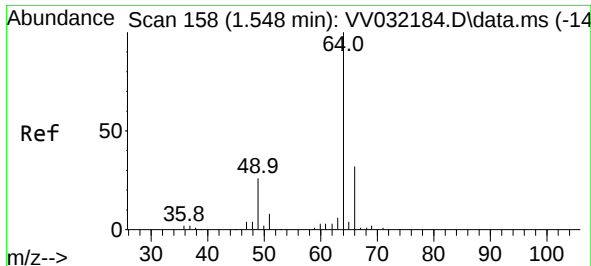
Tgt Ion: 94 Resp: 36912

Ion Ratio Lower Upper

94 100

96 93.5 66.8 124.2





#8

Chloroethane

Concen: 5.143 ug/L

RT: 1.552 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV032187.D

Acq: 29 Sep 2023 12:13

Instrument :

MSVOA_V

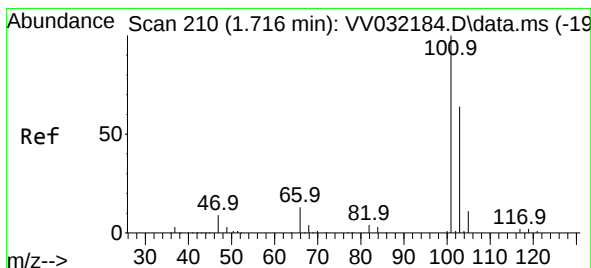
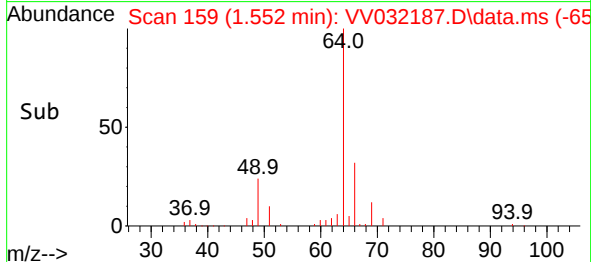
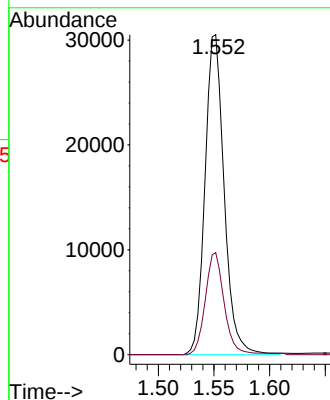
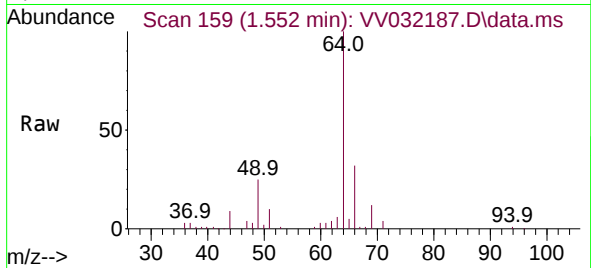
ClientSampleId :

Tgt Ion: 64 Resp: 36498

Ion Ratio Lower Upper

64 100

66 31.9 22.6 42.0



#9

Trichlorofluoromethane

Concen: 5.190 ug/L

RT: 1.716 min Scan# 210

Delta R.T. -0.000 min

Lab File: VV032187.D

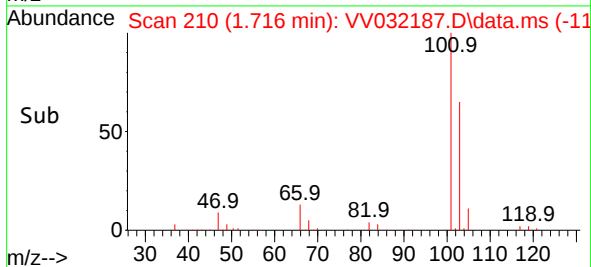
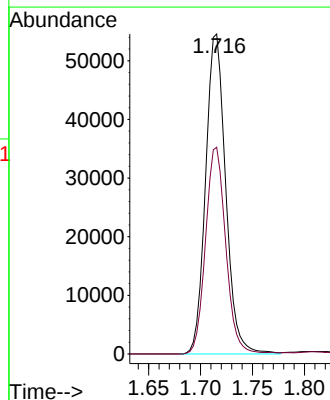
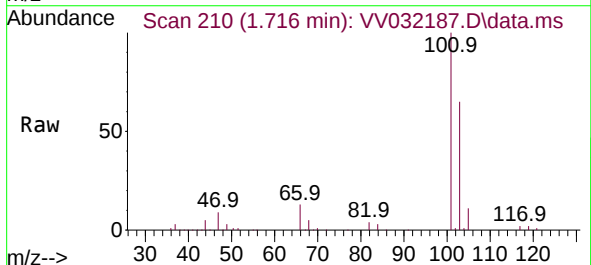
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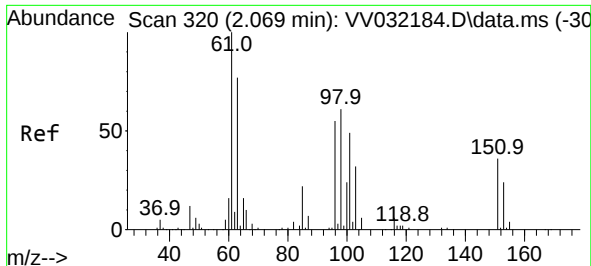
Tgt Ion:101 Resp: 73372

Ion Ratio Lower Upper

101 100

103 65.1 51.4 77.2

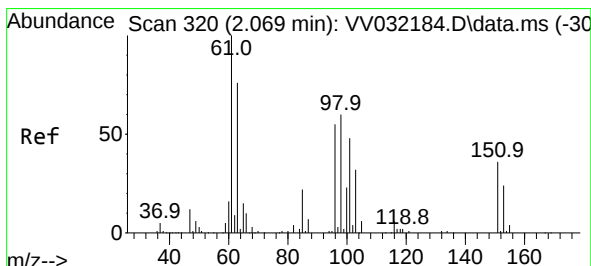
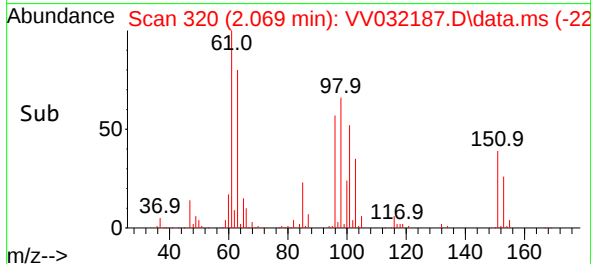
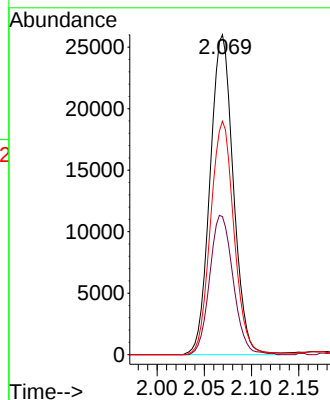
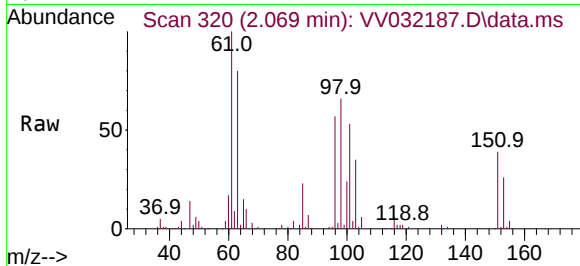




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.196 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV032187.D
 Acq: 29 Sep 2023 12:13

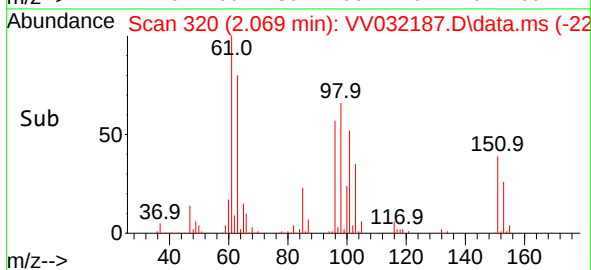
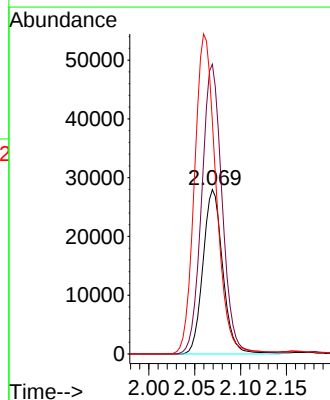
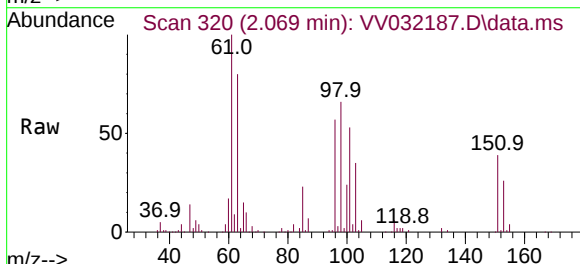
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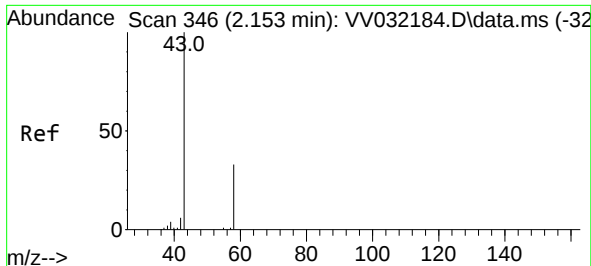
Tgt Ion:	101	Resp:	44507
Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.0	52.6
151	73.9	56.6	84.8



#12
 1,1-Dichloroethene
 Concen: 5.200 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV032187.D
 Acq: 29 Sep 2023 12:13

Tgt Ion:	96	Resp:	41953
Ion	Ratio	Lower	Upper
96	100		
61	176.4	127.3	236.3
63	141.7	98.3	182.7





#13

Acetone

Concen: 51.959 ug/L

RT: 2.153 min Scan# 346

Delta R.T. -0.000 min

Lab File: VV032187.D

Acq: 29 Sep 2023 12:13

Instrument :

MSVOA_V

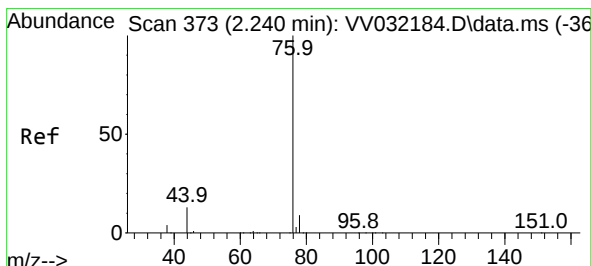
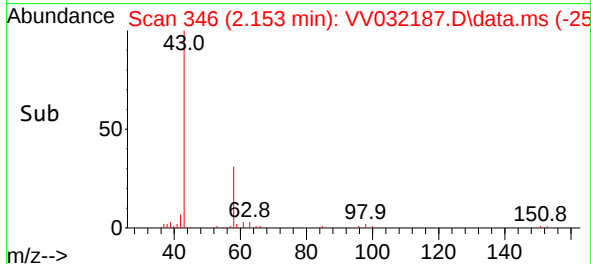
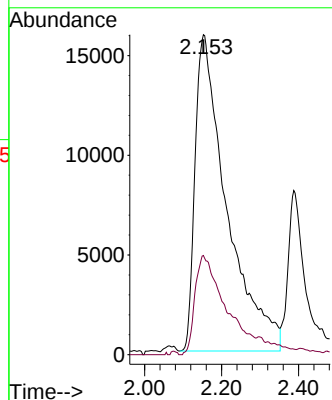
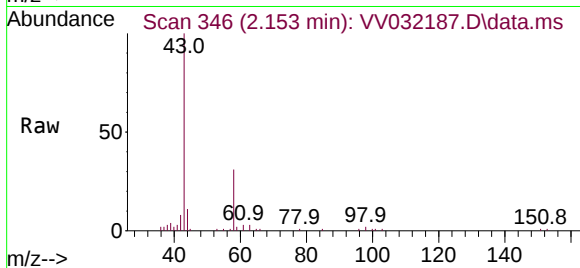
ClientSampleId :

Tgt Ion: 43 Resp: 90643

Ion Ratio Lower Upper

43 100

58 30.0 0.0 66.0



#14

Carbon disulfide

Concen: 5.200 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV032187.D

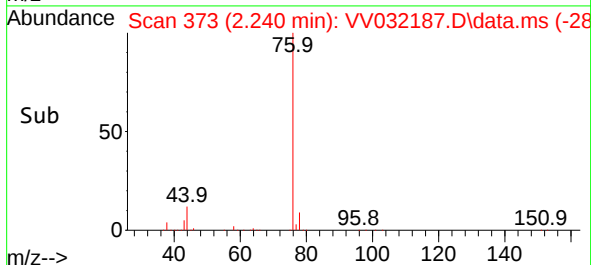
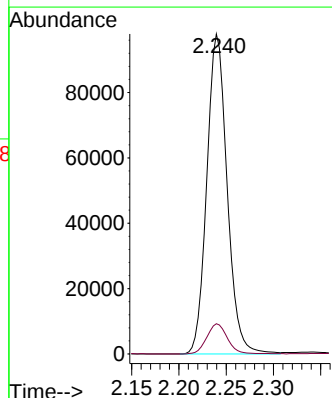
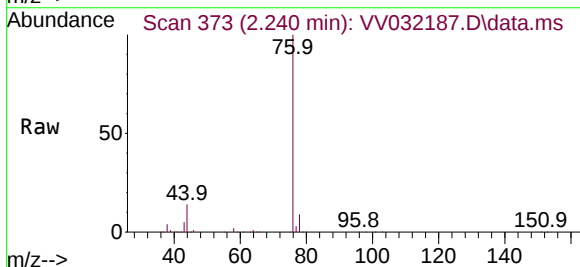
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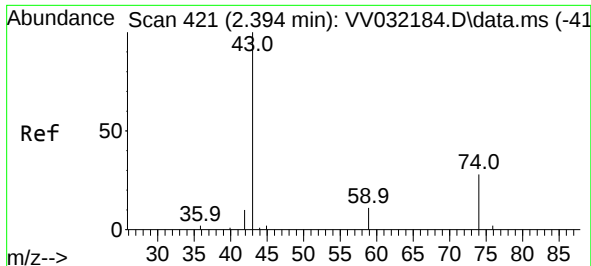
Tgt Ion: 76 Resp: 146671

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

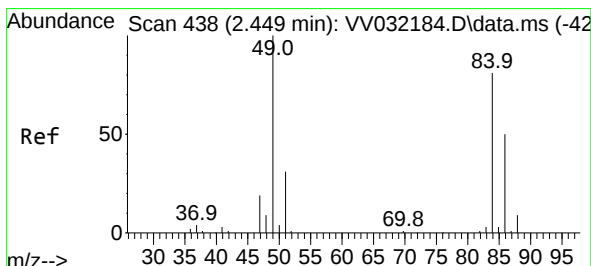
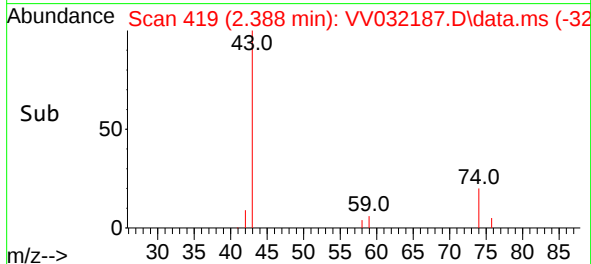
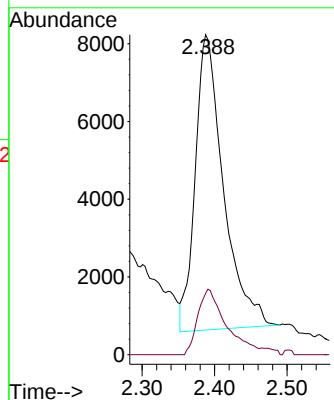
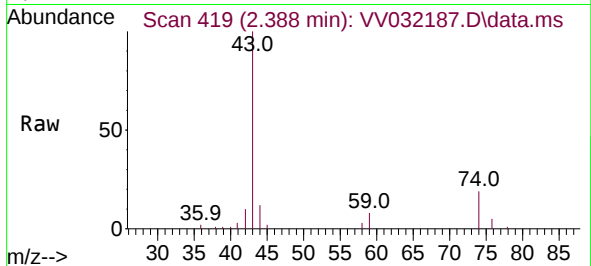




#15
Methyl Acetate
Concen: 5.225 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.006 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

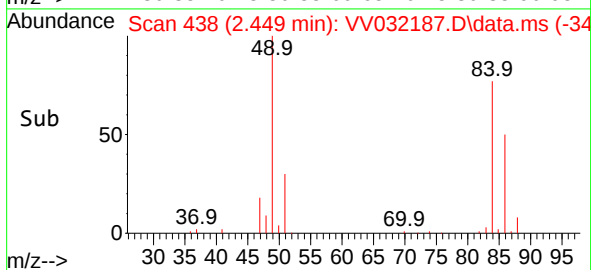
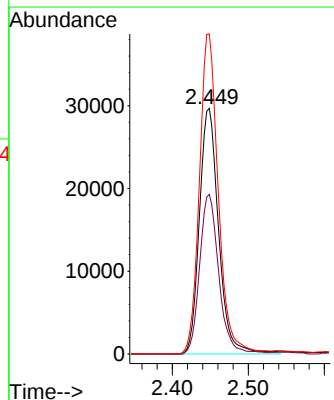
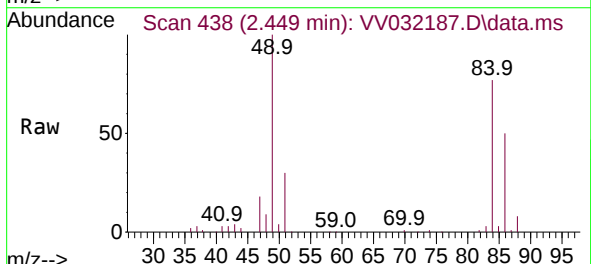
Instrument :
MSVOA_V
ClientSampleId :

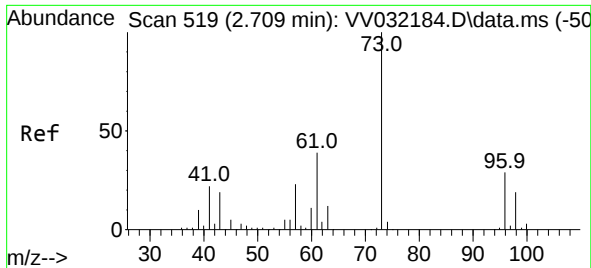
Tgt Ion: 43 Resp: 20519
Ion Ratio Lower Upper
43 100
74 22.3 18.0 27.0



#16
Methylene chloride
Concen: 4.956 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

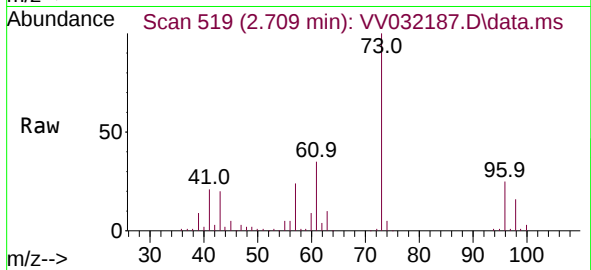
Tgt Ion: 84 Resp: 52137
Ion Ratio Lower Upper
84 100
86 64.9 43.2 80.2
49 130.3 86.3 160.3



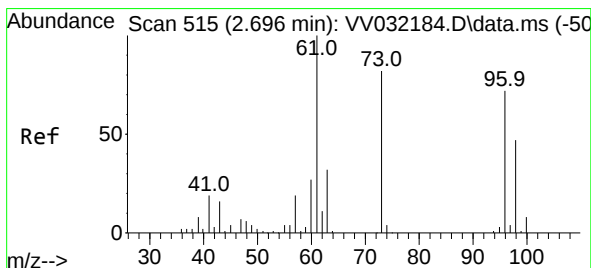
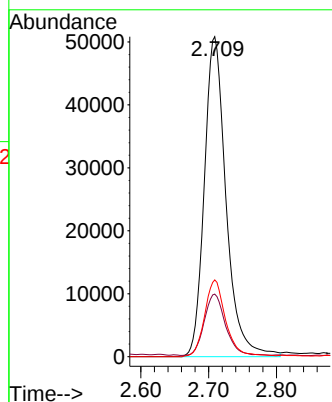
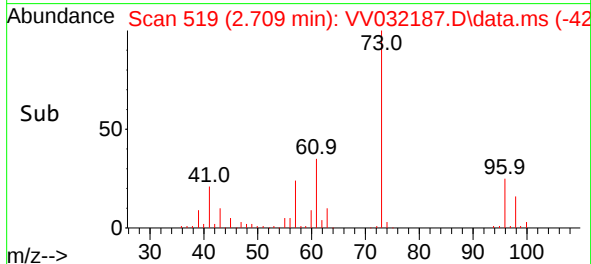


#17
Methyl tert-butyl Ether
Concen: 5.169 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

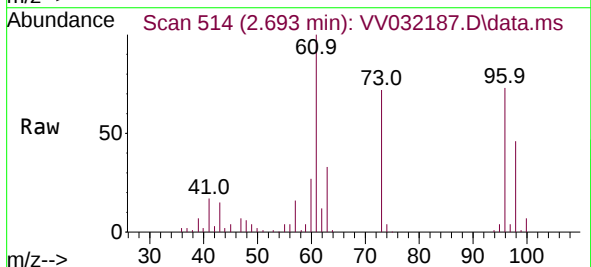
Instrument :
MSVOA_V
ClientSampleId :



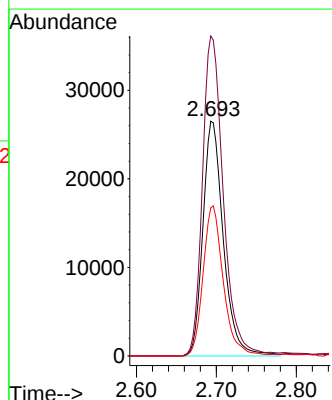
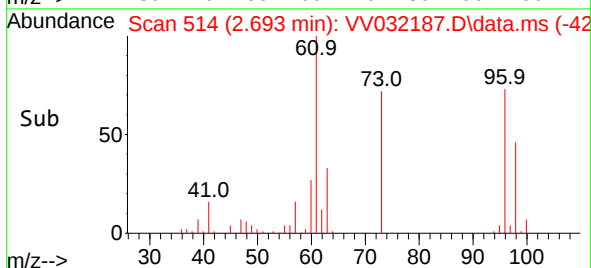
Tgt Ion: 73 Resp: 113542
Ion Ratio Lower Upper
73 100
43 18.4 15.1 22.7
57 23.2 18.3 27.5

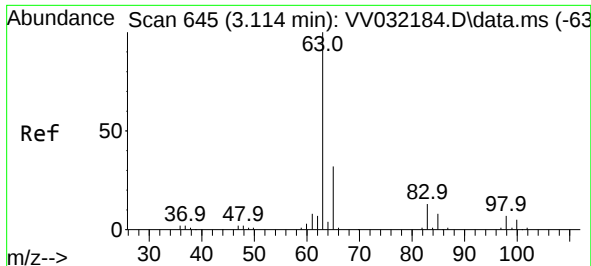


#18
trans-1,2-Dichloroethene
Concen: 5.114 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13



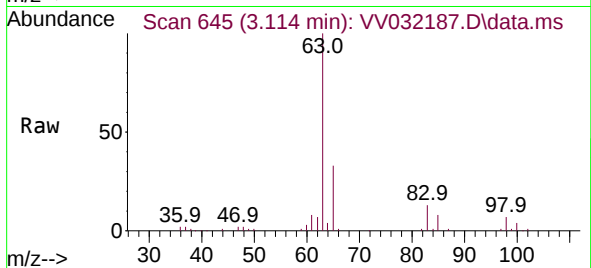
Tgt Ion: 96 Resp: 47264
Ion Ratio Lower Upper
96 100
61 136.3 96.9 180.1
98 63.2 45.3 84.1



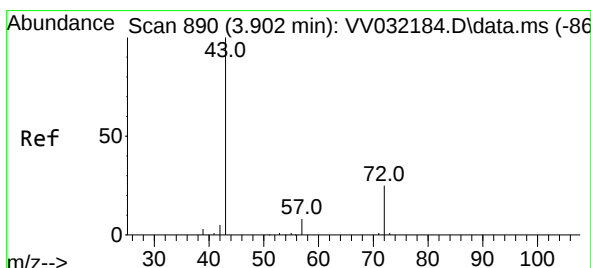
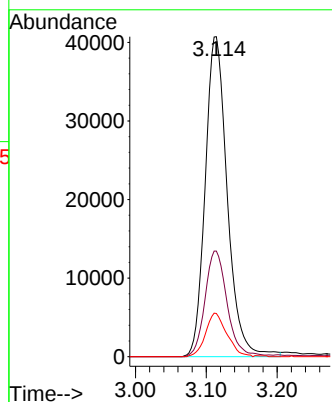
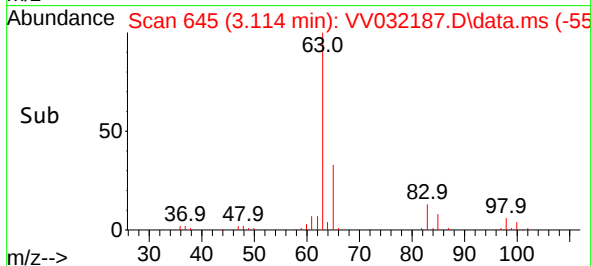


#19
1,1-Dichloroethane
Concen: 5.074 ug/L
RT: 3.114 min Scan# 645
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

Instrument :
MSVOA_V
ClientSampleId :

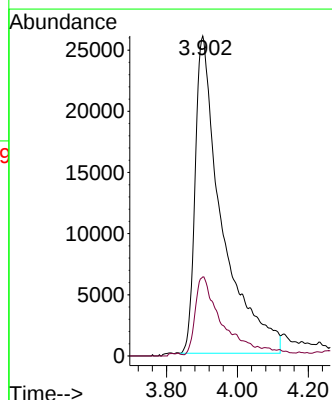
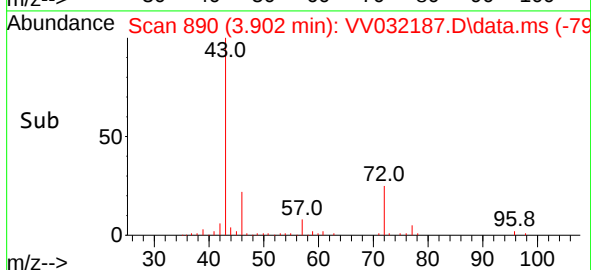
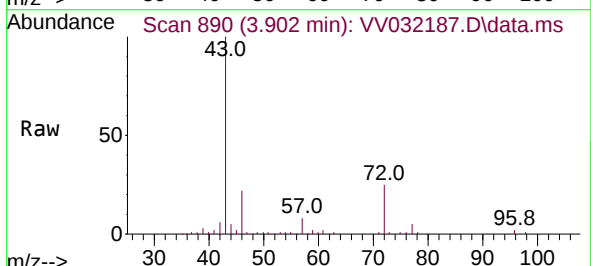


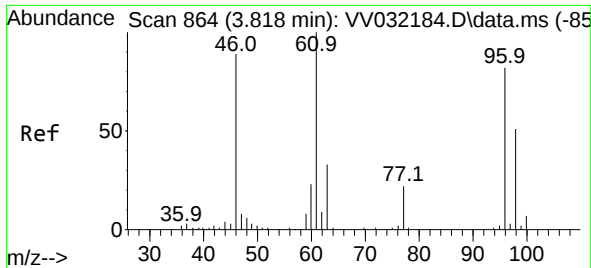
Tgt Ion:	63	Resp:	88218
Ion	Ratio	Lower	Upper
63	100		
65	33.0	22.3	41.5
83	13.5	9.0	16.6



#21
2-Butanone
Concen: 49.779 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

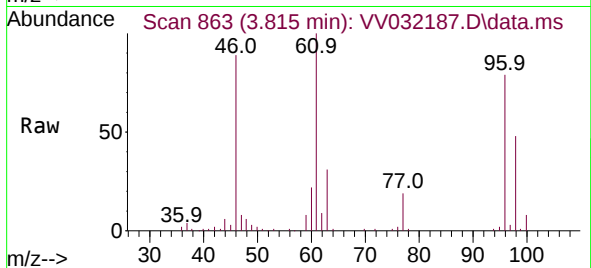
Tgt Ion:	43	Resp:	135801
Ion	Ratio	Lower	Upper
43	100		
72	20.0	11.6	34.8





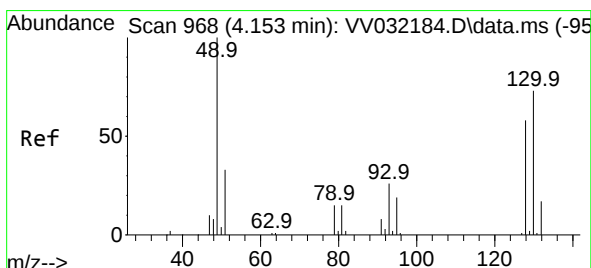
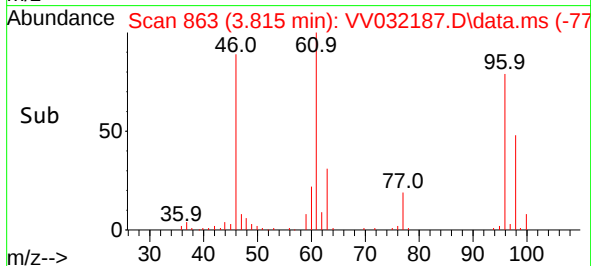
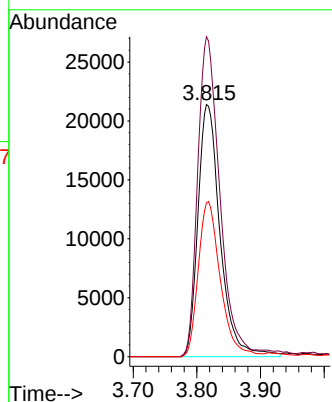
#22
 cis-1,2-Dichloroethene
 Concen: 5.199 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.003 min
 Lab File: VV032187.D
 Acq: 29 Sep 2023 12:13

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 51732

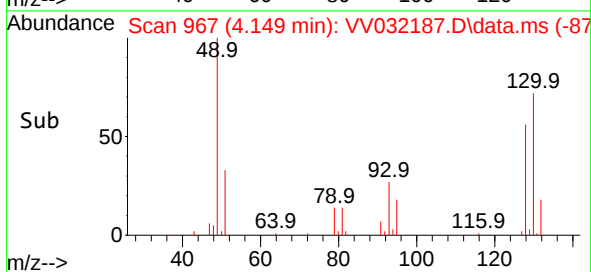
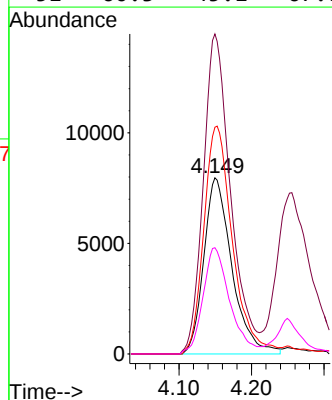
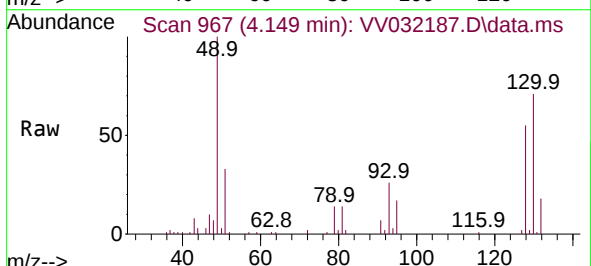
Ion	Ratio	Lower	Upper
96	100		
61	126.9	85.8	159.4
98	61.0	44.0	81.6

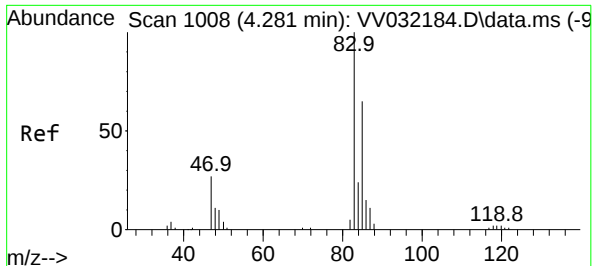


#23
 Bromochloromethane
 Concen: 5.128 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. -0.003 min
 Lab File: VV032187.D
 Acq: 29 Sep 2023 12:13

Tgt Ion: 128 Resp: 21467

Ion	Ratio	Lower	Upper
128	100		
49	181.6	121.2	225.0
130	128.7	88.2	163.8
51	60.3	45.1	67.7





#25

Chloroform

Concen: 5.035 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.003 min

Lab File: VV032187.D

Acq: 29 Sep 2023 12:13

Instrument :

MSVOA_V

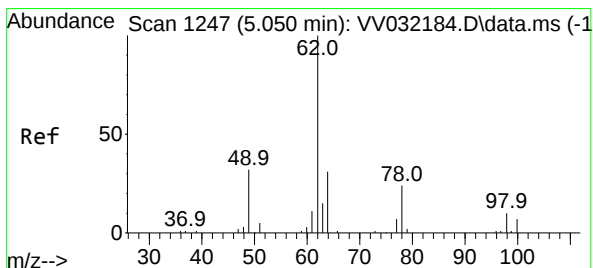
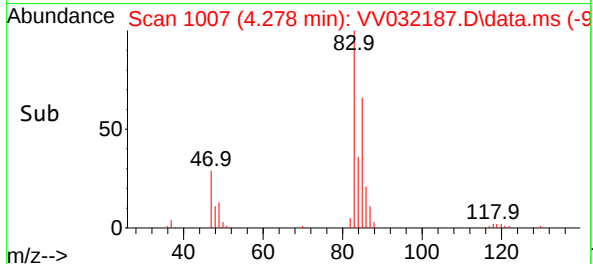
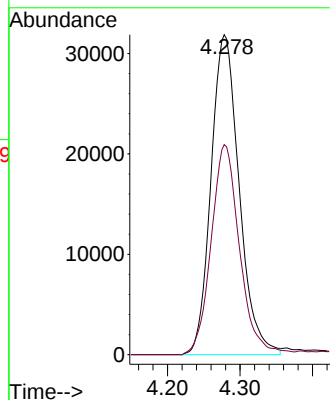
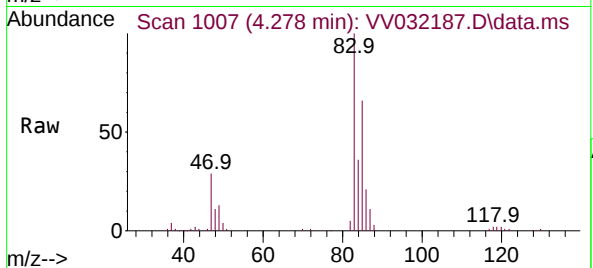
ClientSampleId :

Tgt Ion: 83 Resp: 85894

Ion Ratio Lower Upper

83 100

85 65.7 45.4 84.4



#27

1,2-Dichloroethane

Concen: 4.997 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.003 min

Lab File: VV032187.D

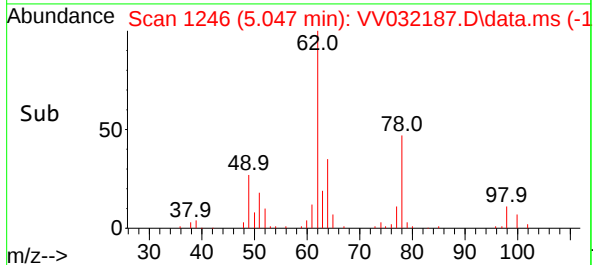
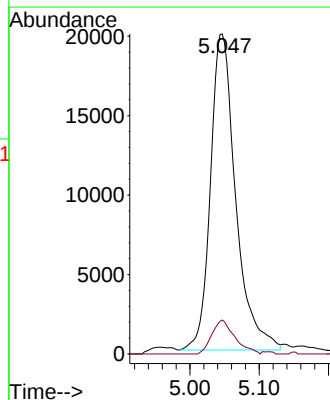
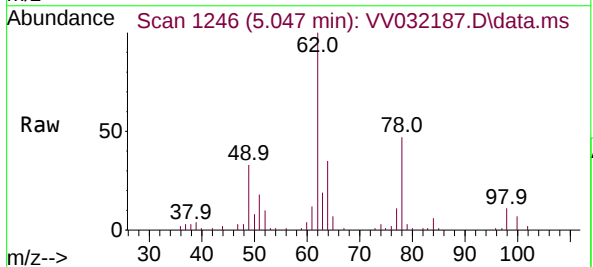
Acq: 29 Sep 2023 12:13

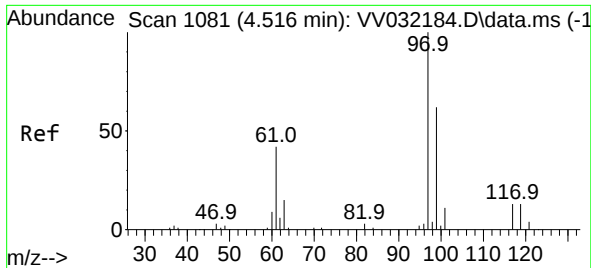
Tgt Ion: 62 Resp: 50352

Ion Ratio Lower Upper

62 100

98 10.6 7.8 11.8

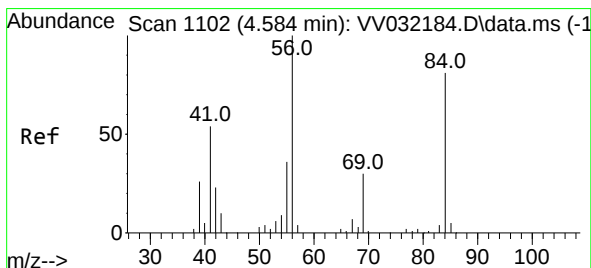
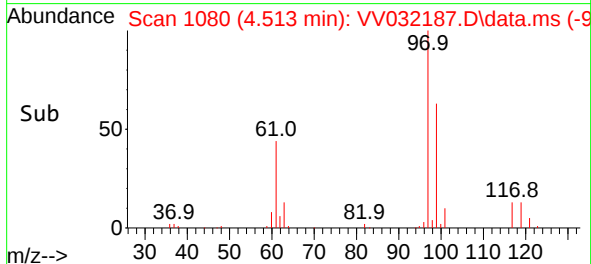
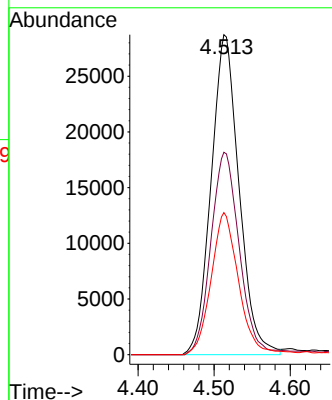
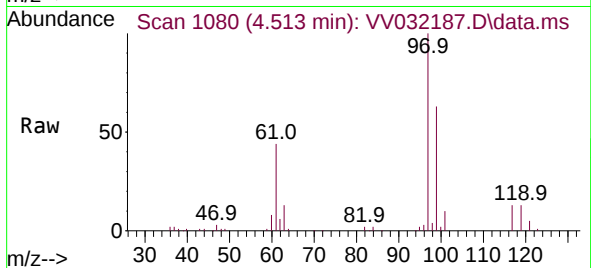




#29
1,1,1-Trichloroethane
Concen: 5.077 ug/L
RT: 4.513 min Scan# 1081
Delta R.T. -0.003 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

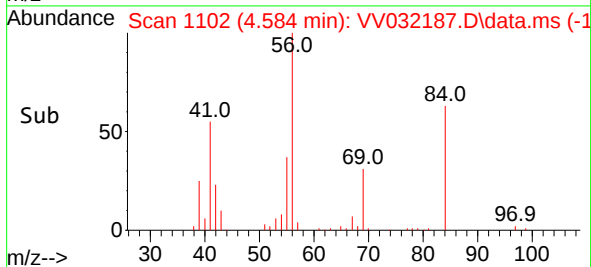
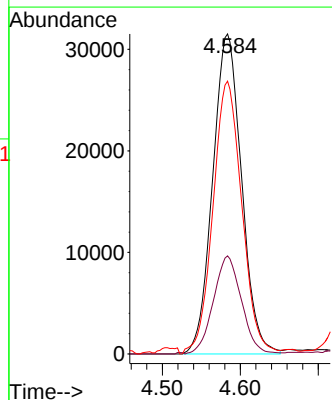
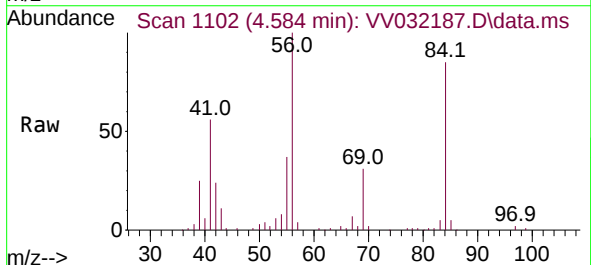
Instrument :
MSVOA_V
ClientSampleId :

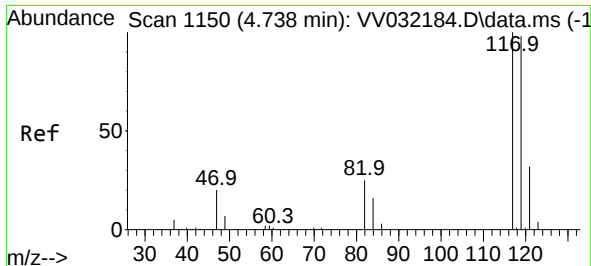
Tgt Ion: 97 Resp: 73212
Ion Ratio Lower Upper
97 100
99 64.6 50.1 75.1
61 44.0 35.1 52.7



#30
Cyclohexane
Concen: 5.124 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

Tgt Ion: 56 Resp: 81190
Ion Ratio Lower Upper
56 100
69 29.7 24.2 36.2
84 85.2 68.1 102.1

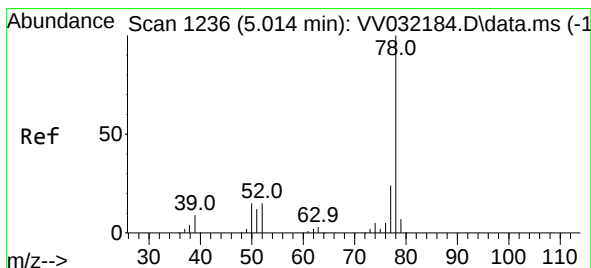
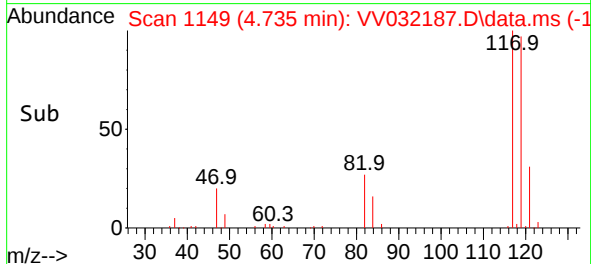
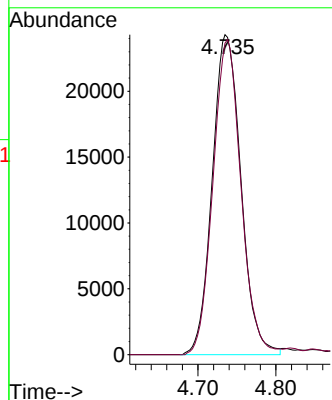
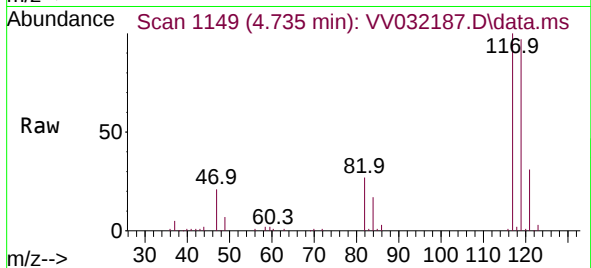




#31
Carbon tetrachloride
Concen: 5.101 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

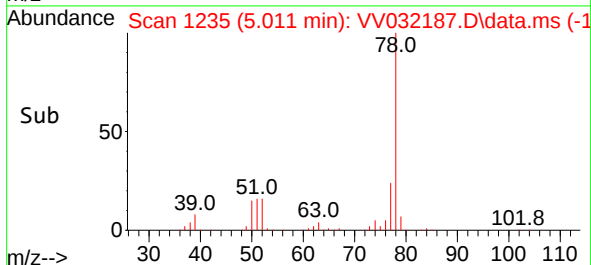
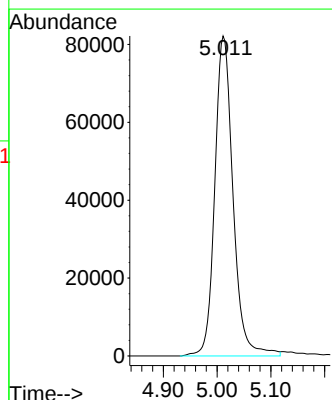
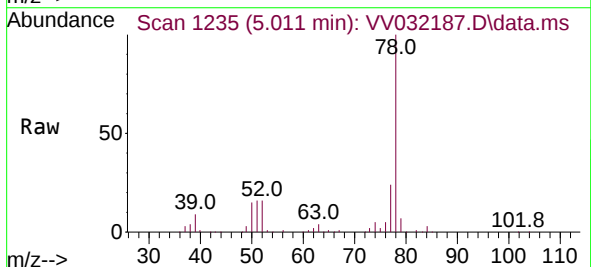
Instrument :
MSVOA_V
ClientSampleId :

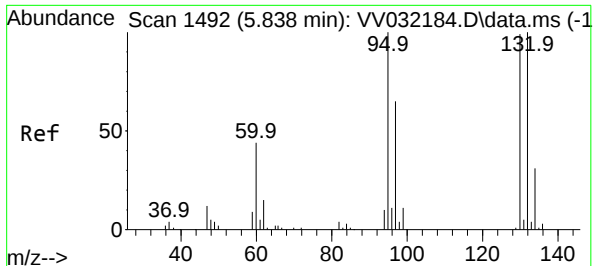
Tgt Ion:117 Resp: 62245
Ion Ratio Lower Upper
117 100
119 96.2 77.6 116.4



#33
Benzene
Concen: 5.192 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

Tgt Ion: 78 Resp: 193880

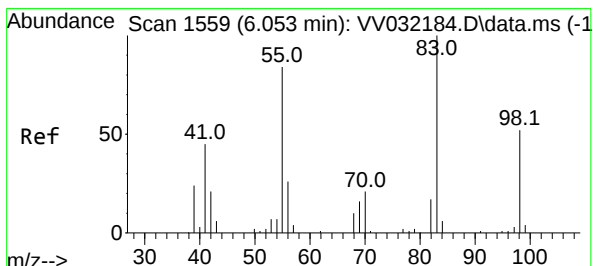
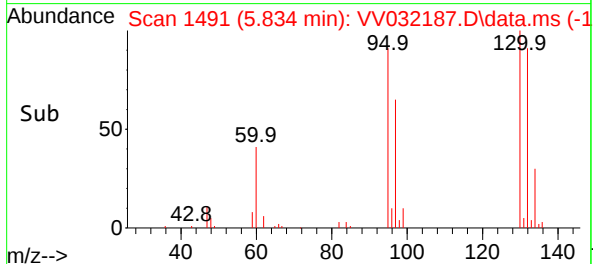
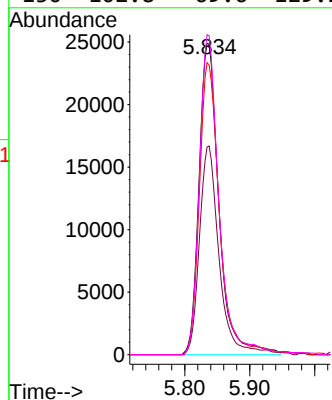
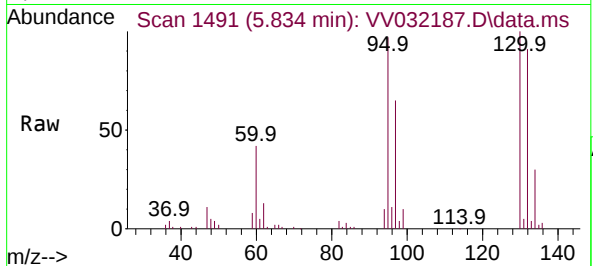




#34
Trichloroethene
Concen: 5.236 ug/L
RT: 5.834 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

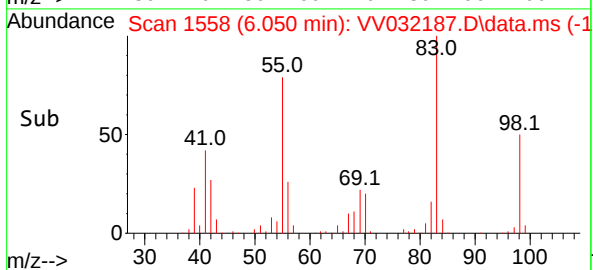
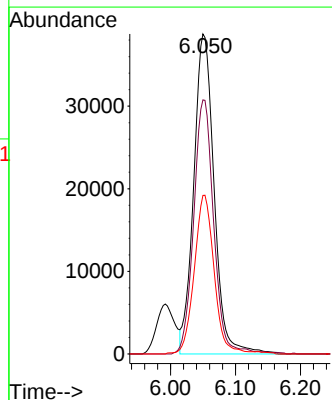
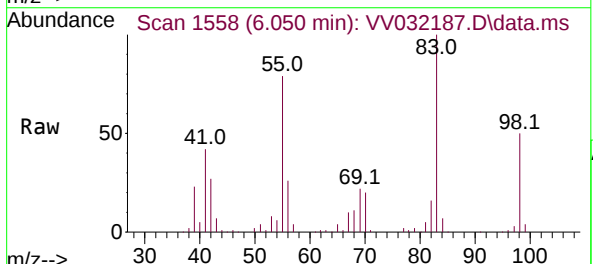
Instrument :
MSVOA_V
ClientSampleId :

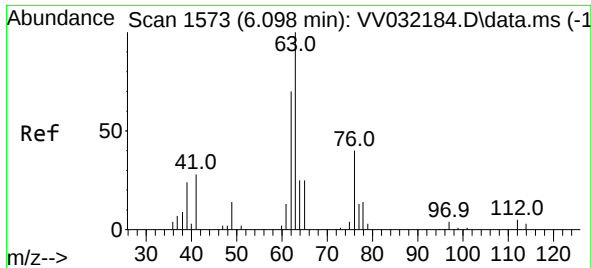
Tgt Ion: 95 Resp: 53374
Ion Ratio Lower Upper
95 100
97 66.7 45.7 84.9
132 93.8 70.3 130.5
130 102.8 69.6 129.2



#35
Methylcyclohexane
Concen: 5.380 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

Tgt Ion: 83 Resp: 84872
Ion Ratio Lower Upper
83 100
55 77.9 64.2 96.2
98 48.2 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.095 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV032187.D

Acq: 29 Sep 2023 12:13

Instrument :

MSVOA_V

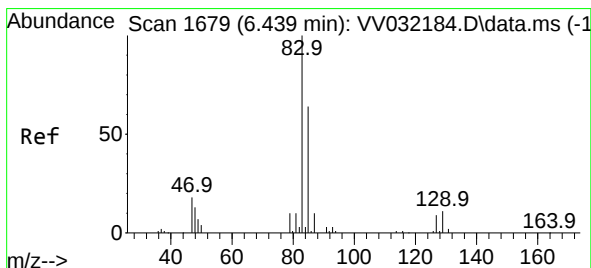
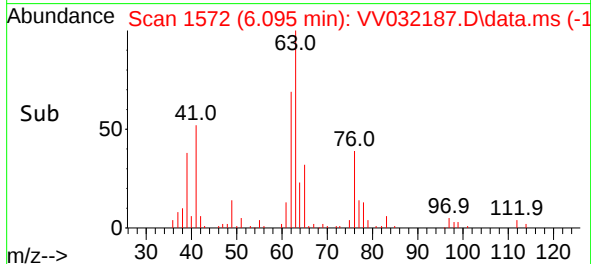
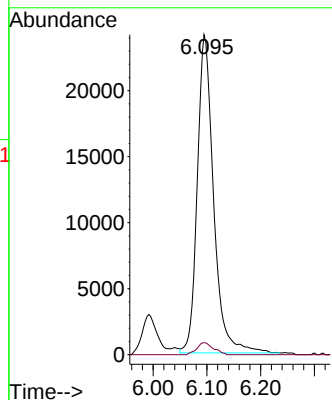
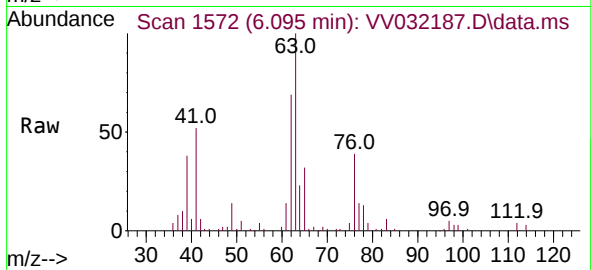
ClientSampleId :

Tgt Ion: 63 Resp: 50877

Ion Ratio Lower Upper

63 100

112 3.8 3.4 5.2



#38

Bromodichloromethane

Concen: 5.190 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.003 min

Lab File: VV032187.D

Acq: 29 Sep 2023 12:13

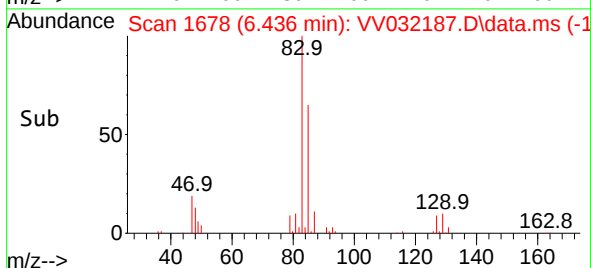
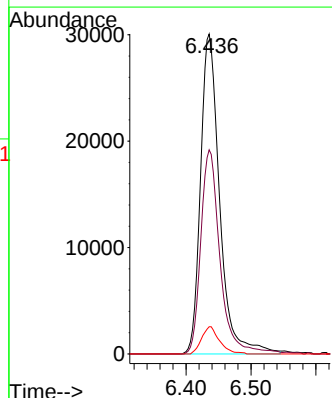
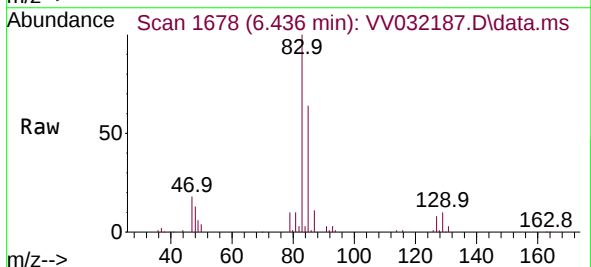
Tgt Ion: 83 Resp: 61591

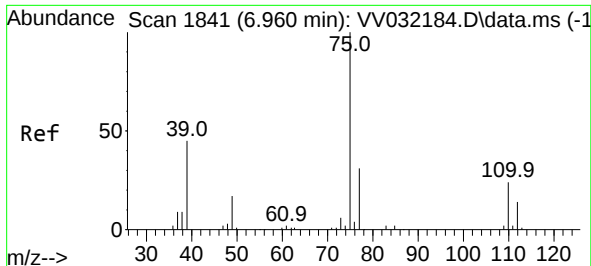
Ion Ratio Lower Upper

83 100

85 63.8 44.9 83.3

127 8.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.420 ug/L

RT: 6.956 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV032187.D

Acq: 29 Sep 2023 12:13

Instrument :

MSVOA_V

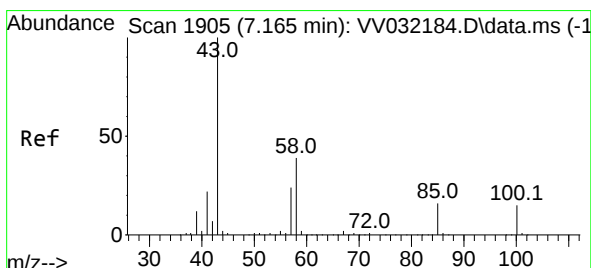
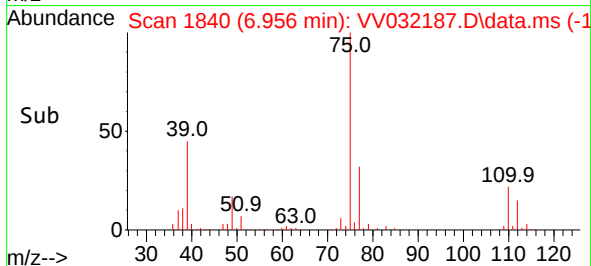
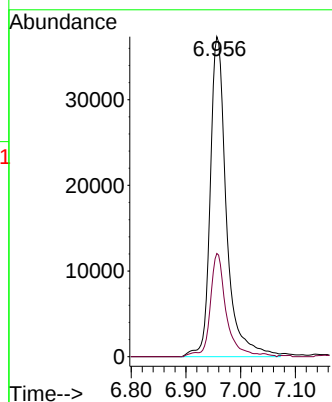
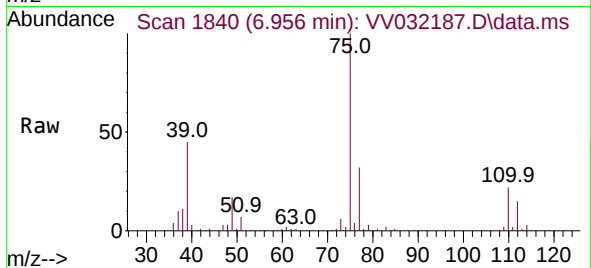
ClientSampleId :

Tgt Ion: 75 Resp: 77030

Ion Ratio Lower Upper

75 100

77 32.3 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 52.005 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VV032187.D

Acq: 29 Sep 2023 12:13

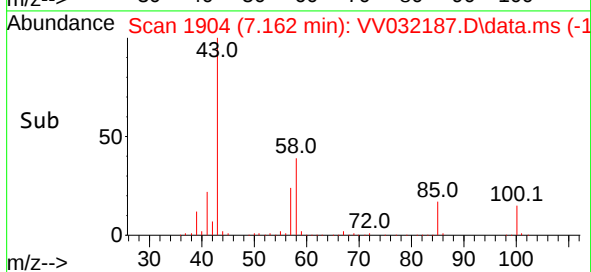
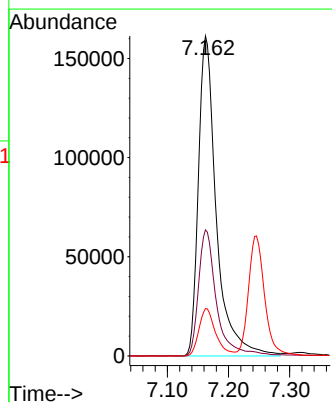
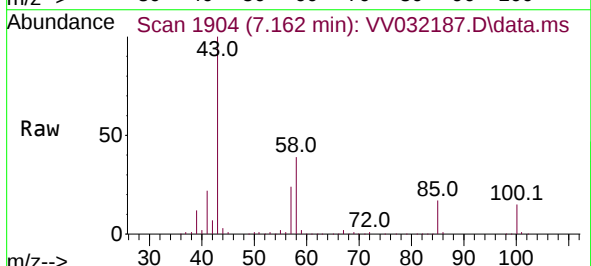
Tgt Ion: 43 Resp: 328660

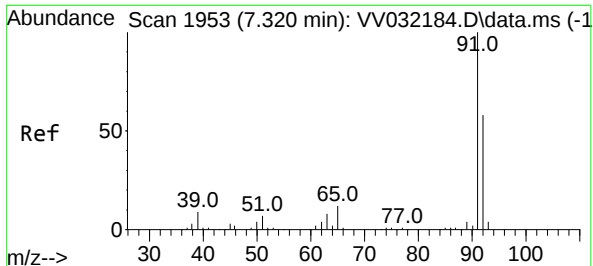
Ion Ratio Lower Upper

43 100

58 39.4 31.9 47.9

100 13.9 11.3 16.9





#42

Toluene

Concen: 5.218 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.003 min

Lab File: VV032187.D

Acq: 29 Sep 2023 12:13

Instrument :

MSVOA_V

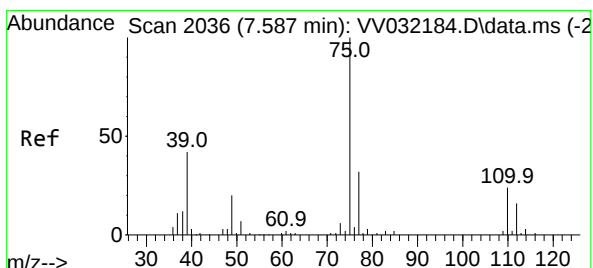
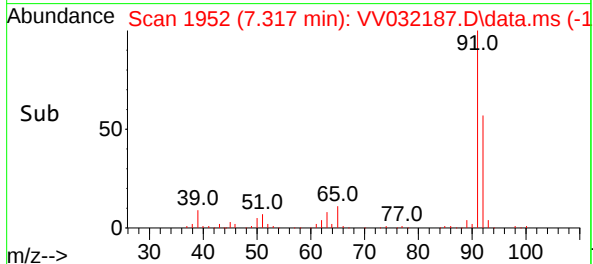
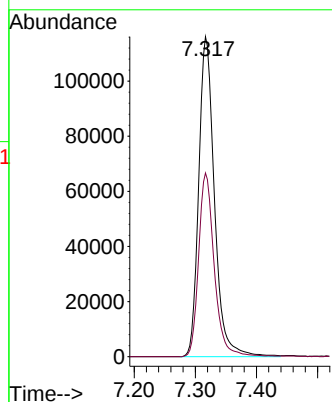
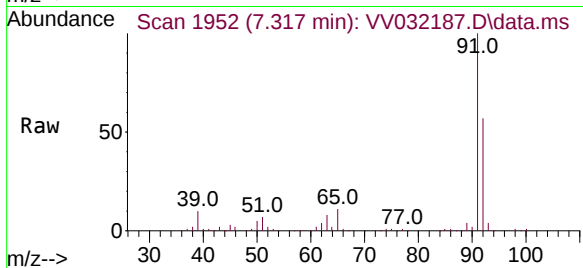
ClientSampleId :

Tgt Ion: 91 Resp: 207698

Ion Ratio Lower Upper

91 100

92 57.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.192 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.003 min

Lab File: VV032187.D

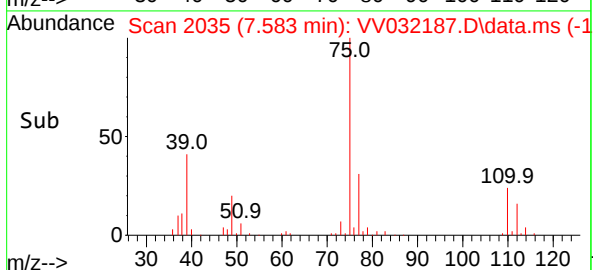
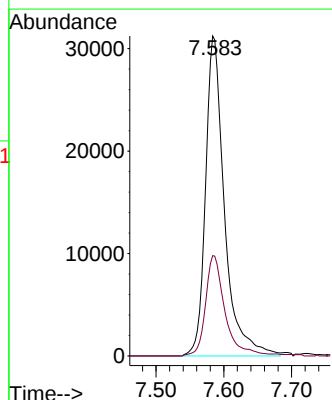
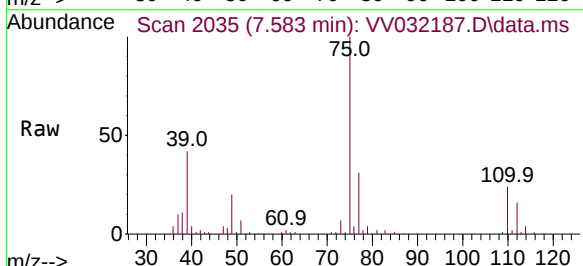
Acq: 29 Sep 2023 12:13

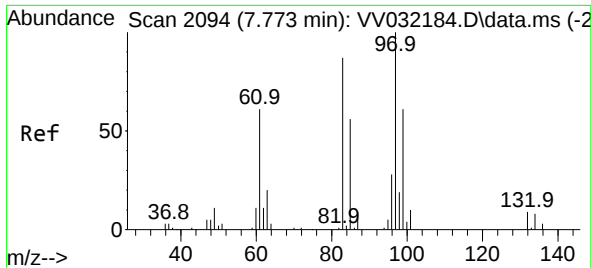
Tgt Ion: 75 Resp: 60643

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.7

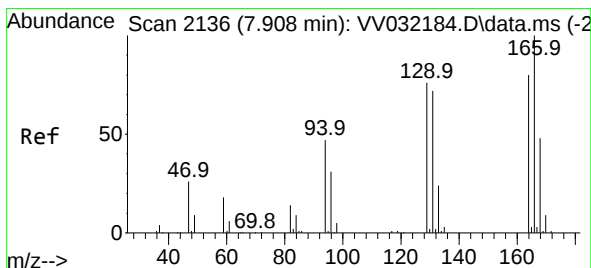
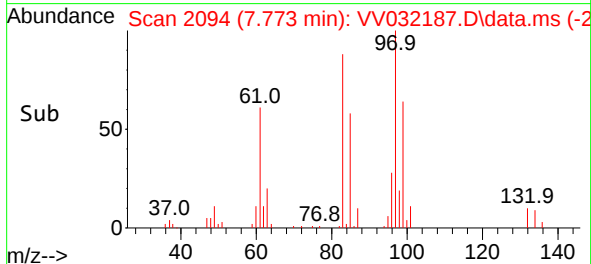
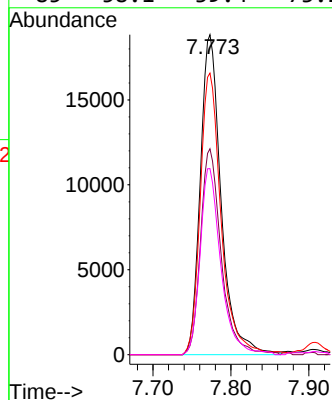
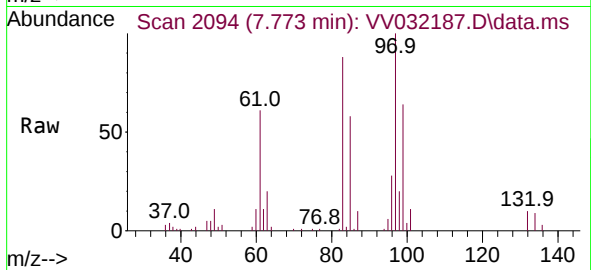




#45
1,1,2-Trichloroethane
Concen: 4.967 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

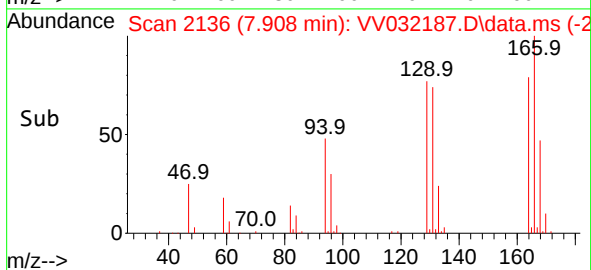
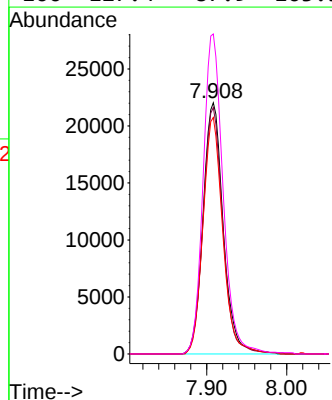
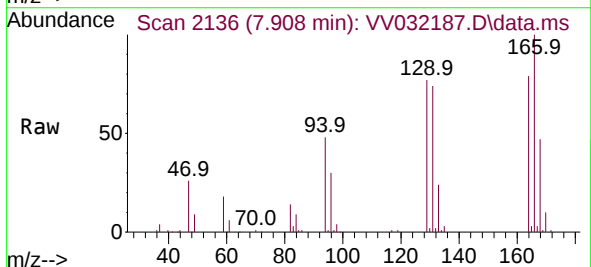
Instrument :
MSVOA_V
ClientSampleId :

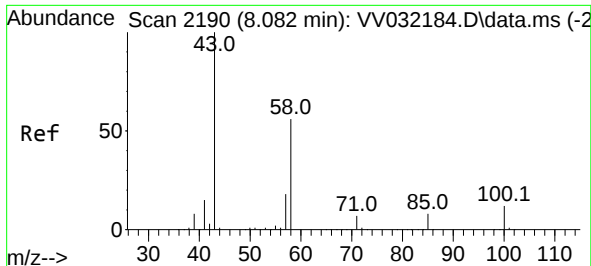
Tgt Ion:	97	Resp:	34991
Ion	Ratio	Lower	Upper
97	100		
99	64.4	42.8	79.4
83	88.0	60.9	113.1
85	58.1	39.4	73.2



#47
Tetrachloroethene
Concen: 5.013 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

Tgt Ion:	164	Resp:	38753
Ion	Ratio	Lower	Upper
164	100		
129	98.1	66.4	123.4
131	94.1	63.7	118.3
166	127.4	87.9	163.3

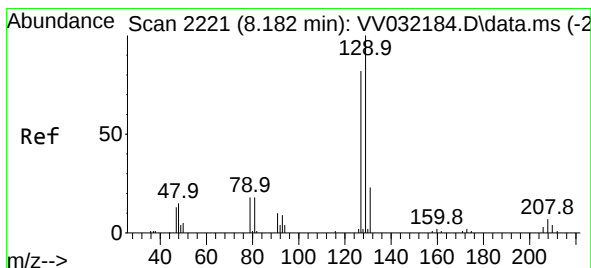
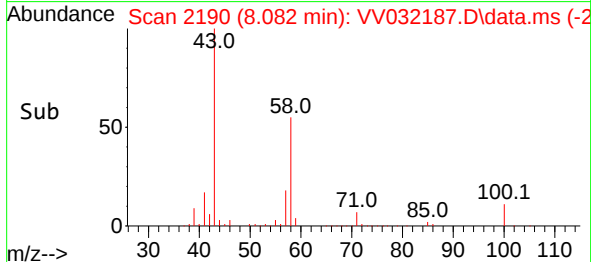
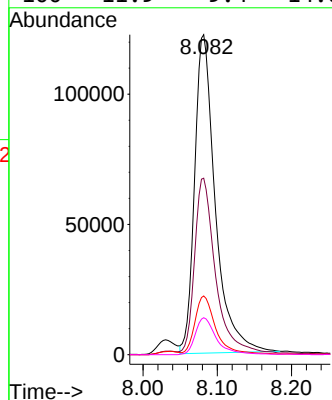
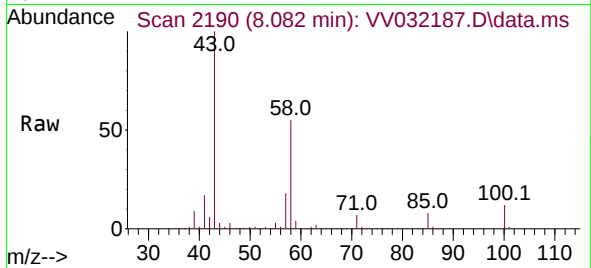




#48
2-Hexanone
Concen: 53.288 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

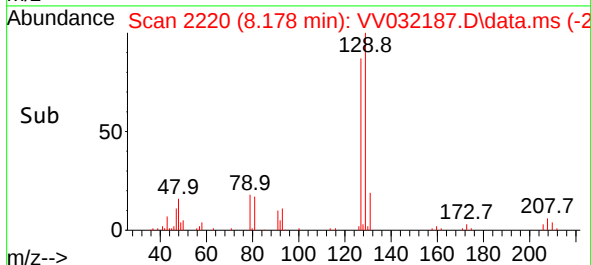
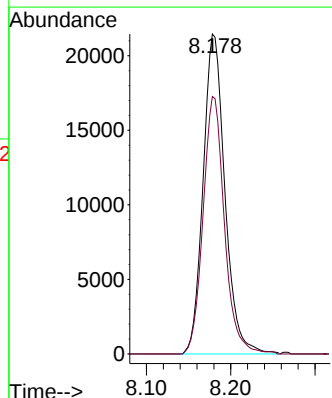
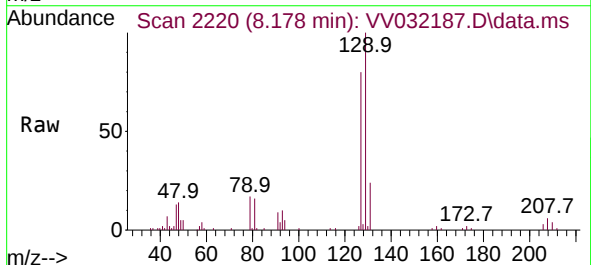
Instrument :
MSVOA_V
ClientSampleId :

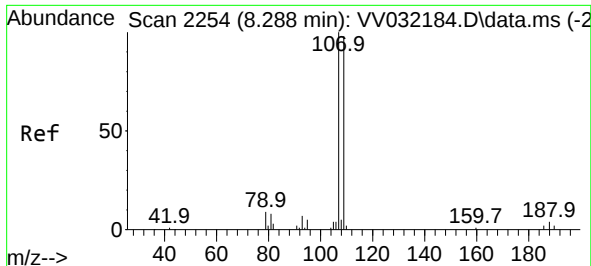
Tgt Ion:	43	Resp:	237606
Ion	Ratio	Lower	Upper
43	100		
58	55.6	43.6	65.4
57	18.5	14.6	22.0
100	11.9	9.4	14.0



#49
Dibromochloromethane
Concen: 5.273 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.003 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

Tgt Ion:	129	Resp:	38676
Ion	Ratio	Lower	Upper
129	100		
127	80.5	57.2	106.2





#50

1,2-Dibromoethane

Concen: 5.038 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV032187.D

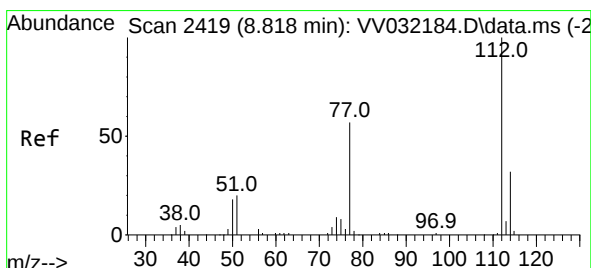
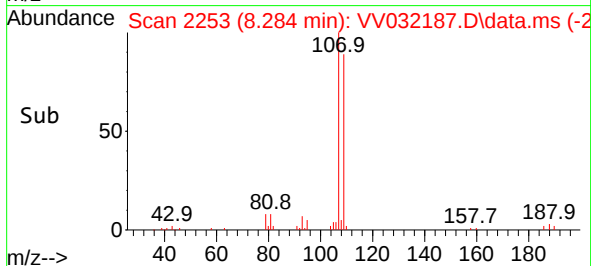
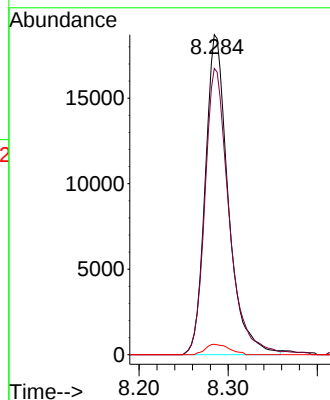
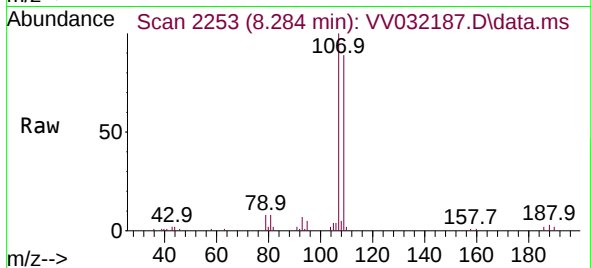
Acq: 29 Sep 2023 12:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	33571
Ion	Ratio	Lower	Upper
107	100		
109	89.4	68.4	127.0
188	3.2	3.2	4.8



#51

Chlorobenzene

Concen: 5.034 ug/L

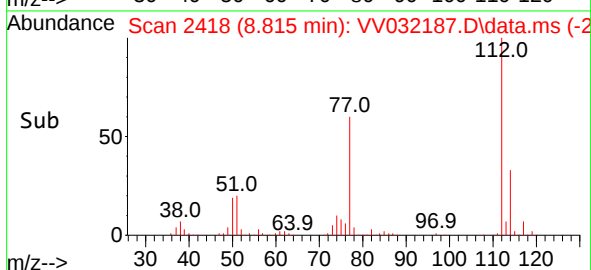
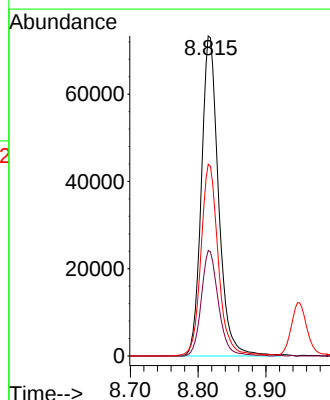
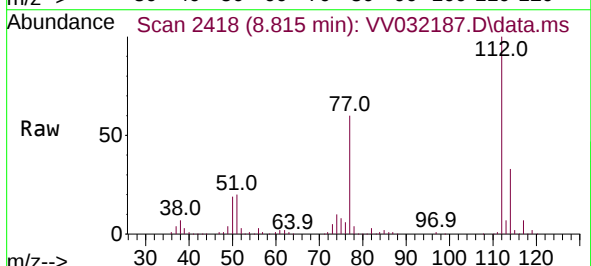
RT: 8.815 min Scan# 2418

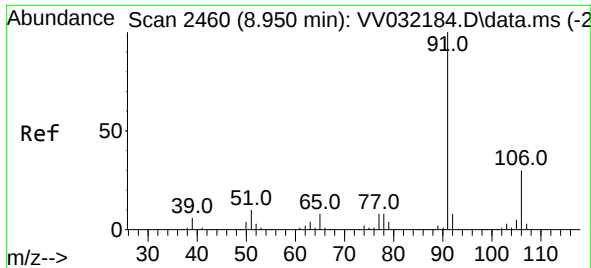
Delta R.T. -0.003 min

Lab File: VV032187.D

Acq: 29 Sep 2023 12:13

Tgt Ion:	112	Resp:	129009
Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.1	41.1
77	59.9	46.1	69.1

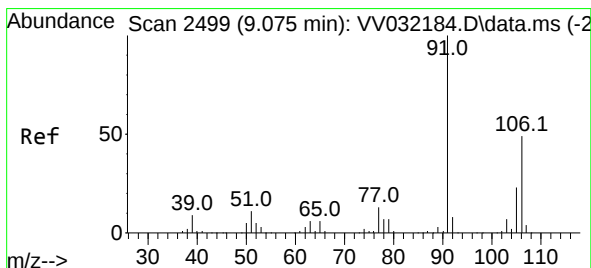
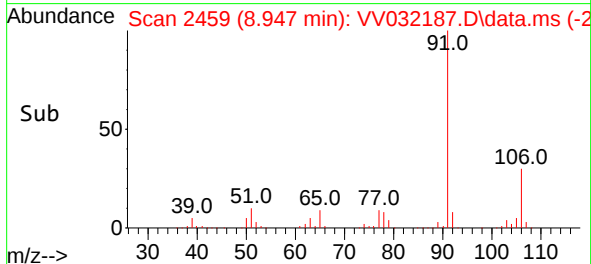
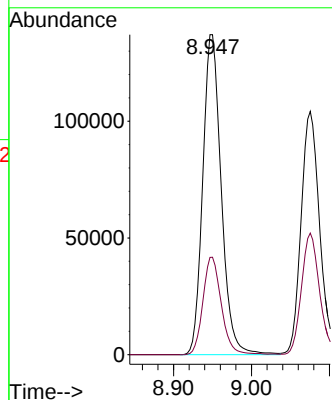
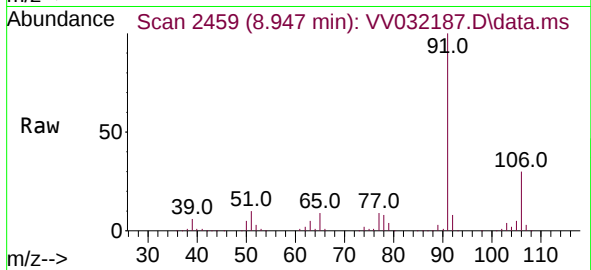




#52
Ethylbenzene
Concen: 5.101 ug/L
RT: 8.947 min Scan# 2460
Delta R.T. -0.003 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

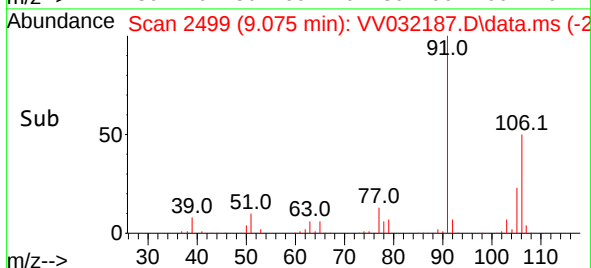
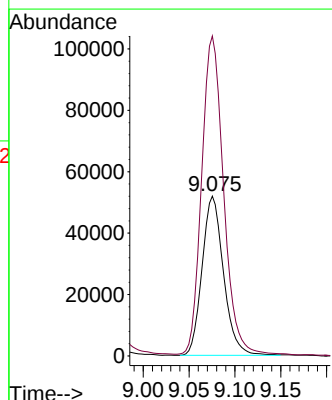
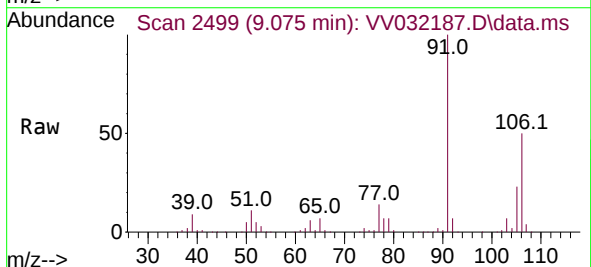
Instrument :
MSVOA_V
ClientSampleId :

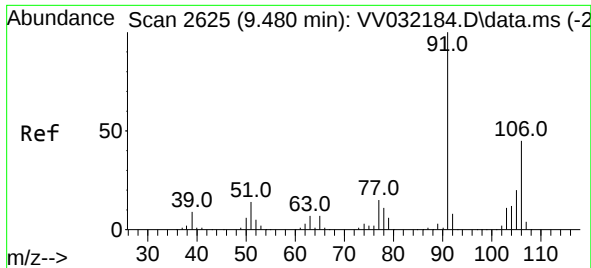
Tgt Ion: 91 Resp: 226116
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 5.124 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

Tgt Ion: 106 Resp: 84238
Ion Ratio Lower Upper
106 100
91 200.2 144.5 268.3

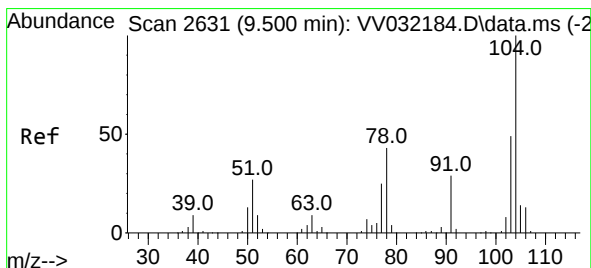
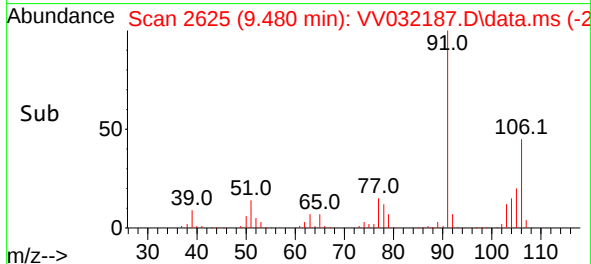
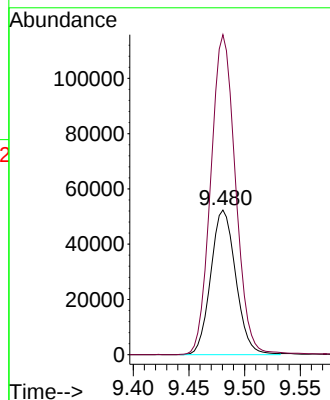
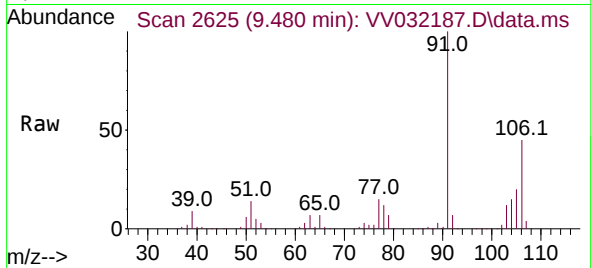




#54
o-Xylene
Concen: 5.165 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

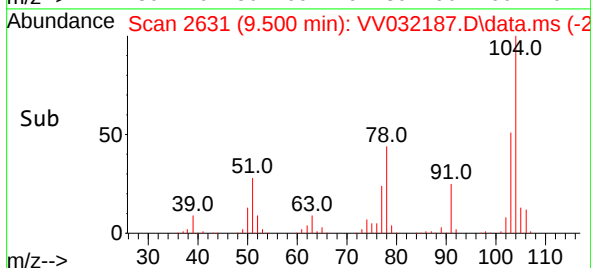
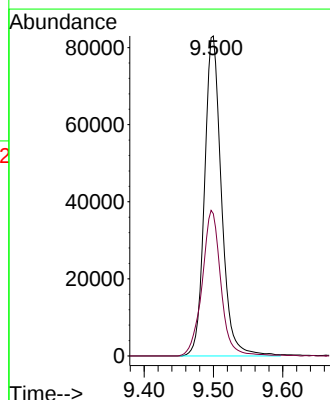
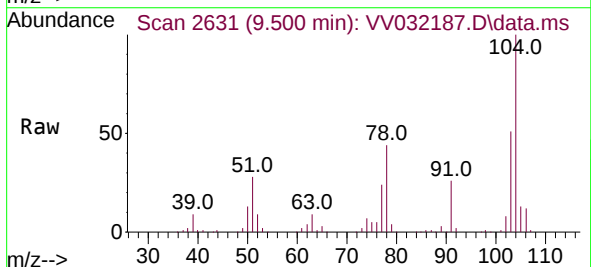
Instrument :
MSVOA_V
ClientSampleId :

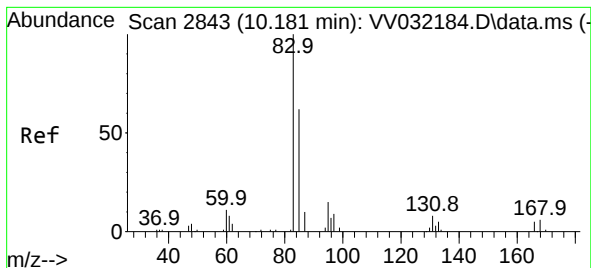
Tgt Ion:106 Resp: 81824
Ion Ratio Lower Upper
106 100
91 221.3 154.8 287.4



#55
Styrene
Concen: 5.259 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

Tgt Ion:104 Resp: 140686
Ion Ratio Lower Upper
104 100
78 44.5 29.9 55.5

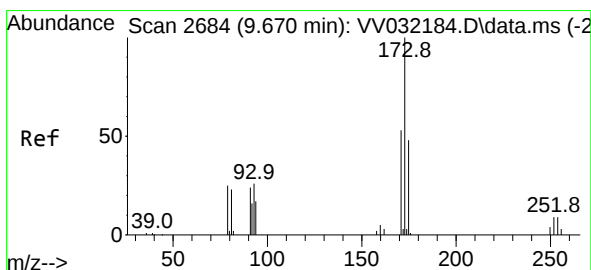
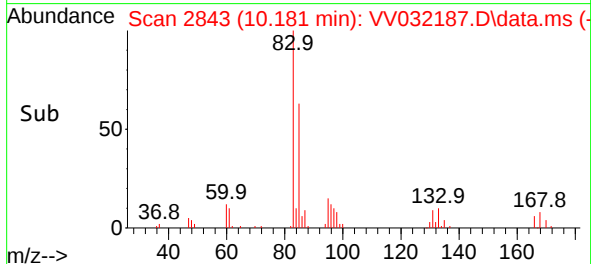
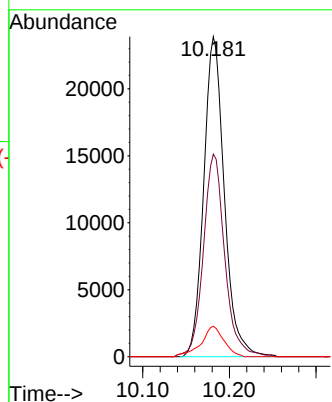
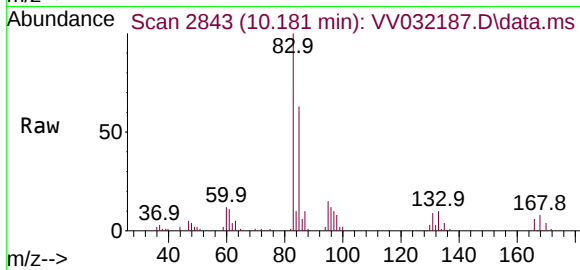




#57
1,1,2,2-Tetrachloroethane
Concen: 5.094 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

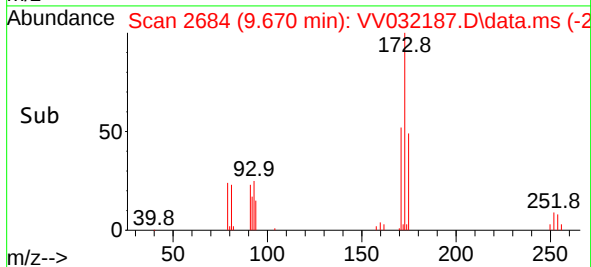
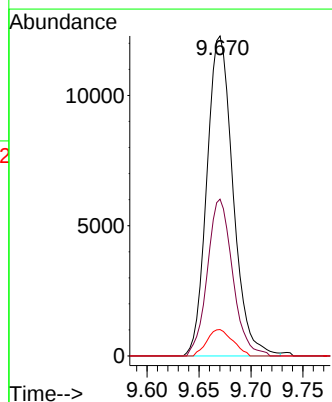
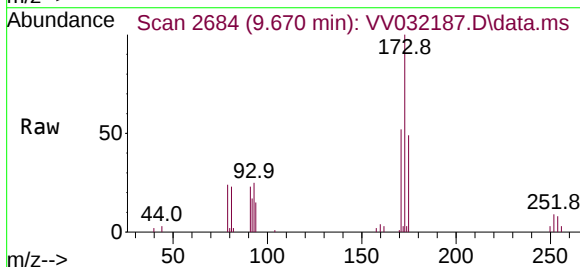
Instrument :
MSVOA_V
ClientSampleId :

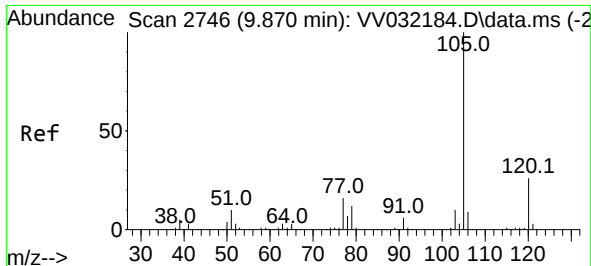
Tgt Ion: 83 Resp: 39484
Ion Ratio Lower Upper
83 100
85 63.3 43.6 81.0
131 9.5 7.0 10.6



#59
Bromoform
Concen: 5.274 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

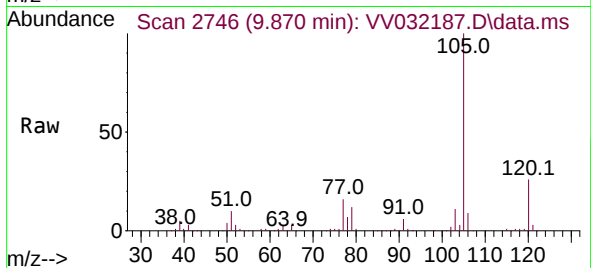
Tgt Ion: 173 Resp: 21485
Ion Ratio Lower Upper
173 100
175 47.4 38.2 57.2
254 8.2 7.0 10.4



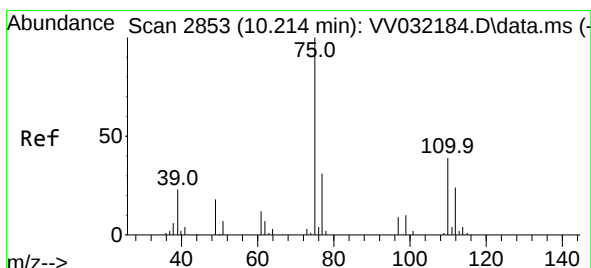
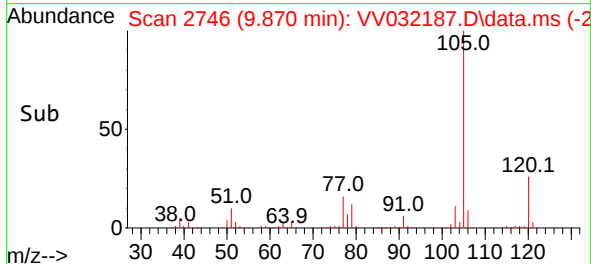
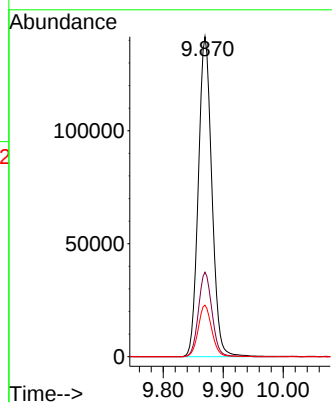


#60
Isopropylbenzene
Concen: 5.112 ug/L
RT: 9.870 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

Instrument :
MSVOA_V
ClientSampleId :

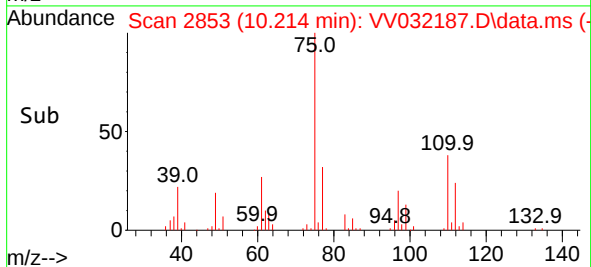
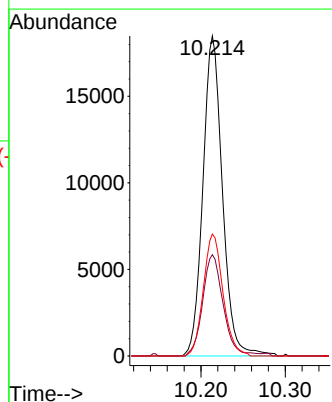
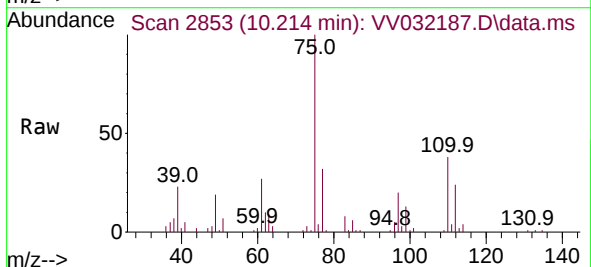


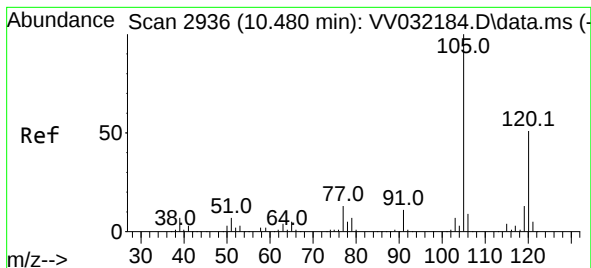
Tgt Ion:105 Resp: 222549
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.014 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

Tgt Ion: 75 Resp: 29895
Ion Ratio Lower Upper
75 100
77 33.2 26.2 39.2
110 38.3 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 5.146 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VV032187.D

Acq: 29 Sep 2023 12:13

Instrument :

MSVOA_V

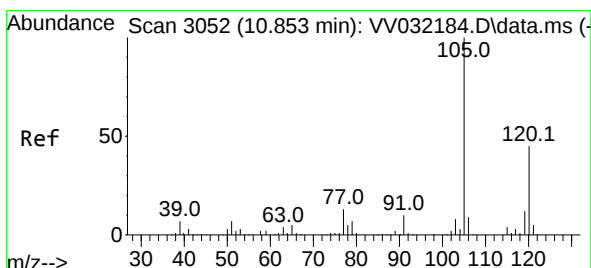
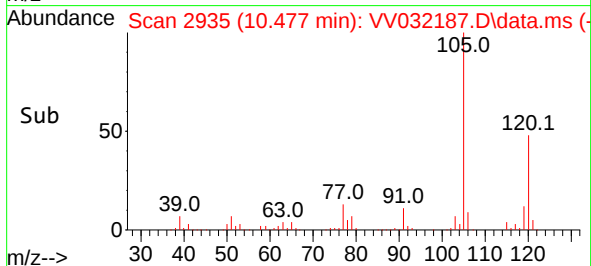
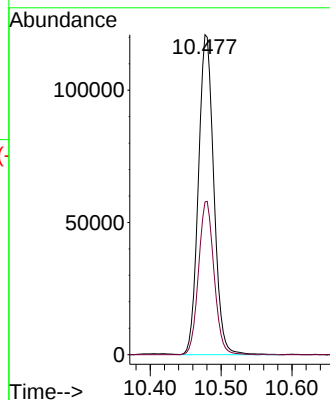
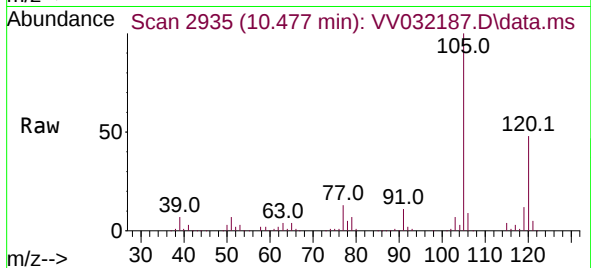
ClientSampleId :

Tgt Ion:105 Resp: 182601

Ion Ratio Lower Upper

105 100

120 48.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.162 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VV032187.D

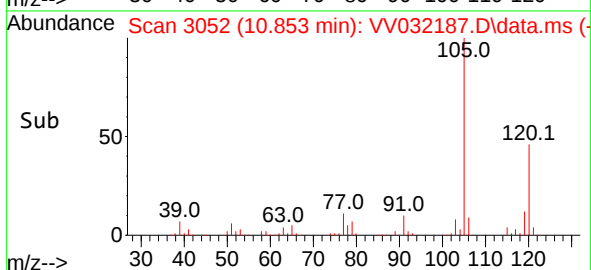
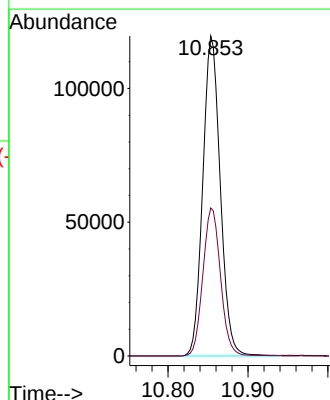
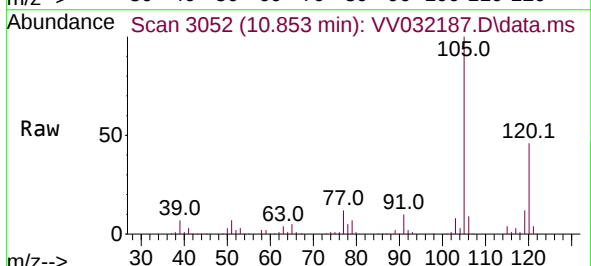
Acq: 29 Sep 2023 12:13

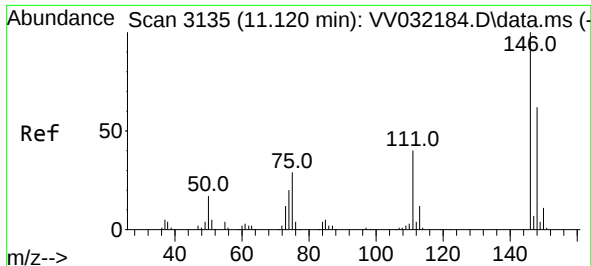
Tgt Ion:105 Resp: 182338

Ion Ratio Lower Upper

105 100

120 46.6 36.2 54.4

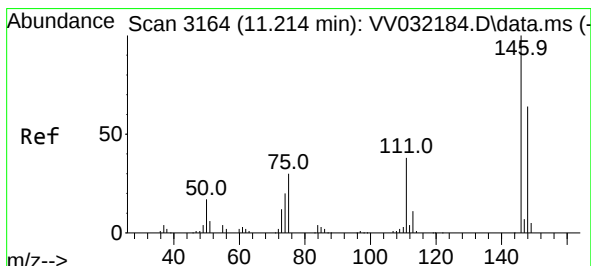
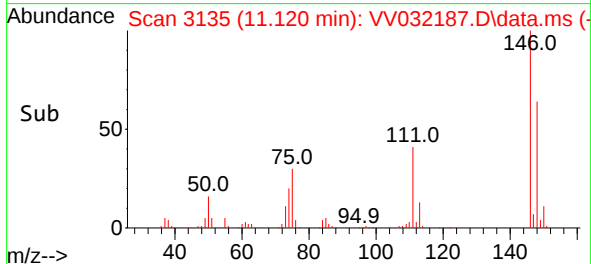
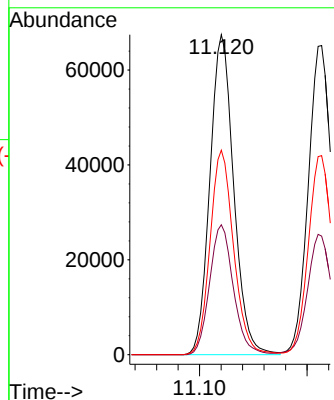
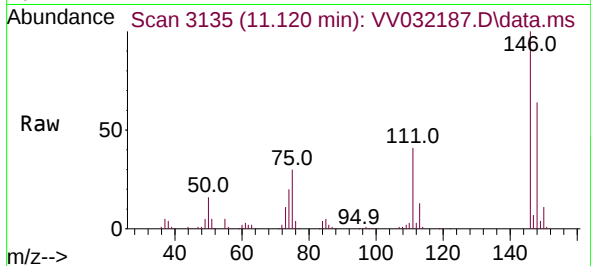




#64
1,3-Dichlorobenzene
Concen: 4.988 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

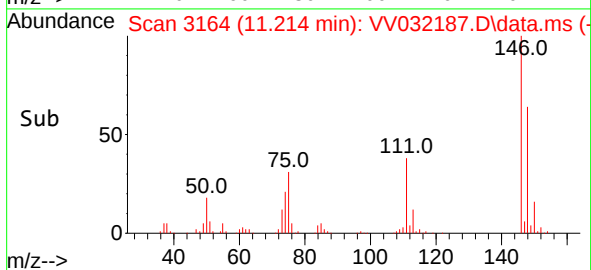
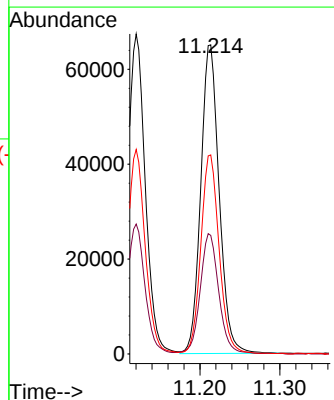
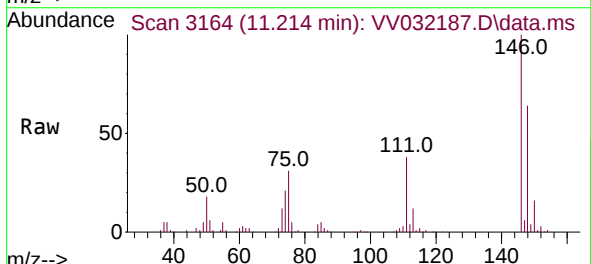
Instrument :
MSVOA_V
ClientSampleId :

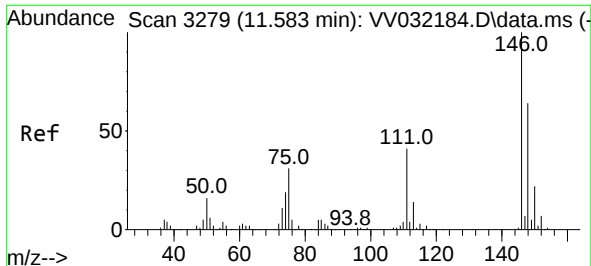
Tgt Ion:146 Resp: 103740
Ion Ratio Lower Upper
146 100
111 40.6 27.8 51.6
148 63.9 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 5.007 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

Tgt Ion:146 Resp: 104471
Ion Ratio Lower Upper
146 100
111 38.3 26.9 49.9
148 64.4 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.102 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032187.D

Acq: 29 Sep 2023 12:13

Instrument :

MSVOA_V

ClientSampleId :

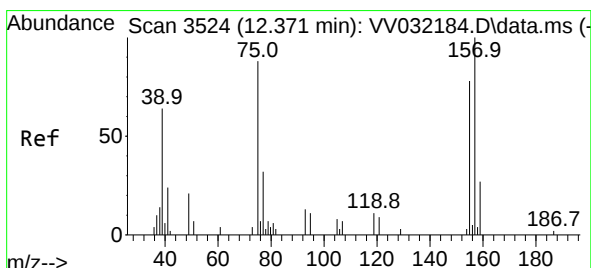
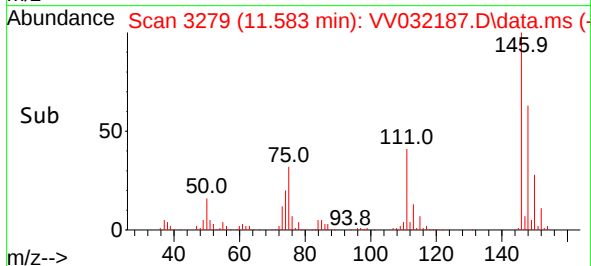
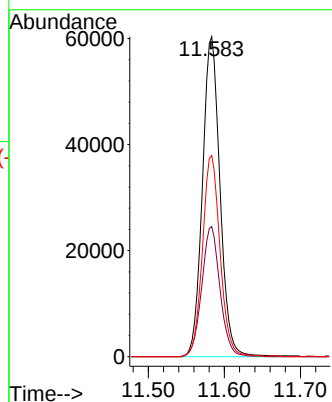
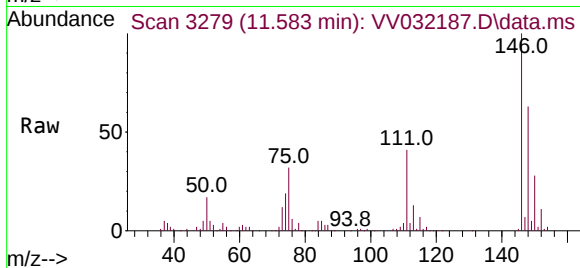
Tgt Ion:146 Resp: 96780

Ion Ratio Lower Upper

146 100

111 40.6 32.8 49.2

148 62.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.909 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.000 min

Lab File: VV032187.D

Acq: 29 Sep 2023 12:13

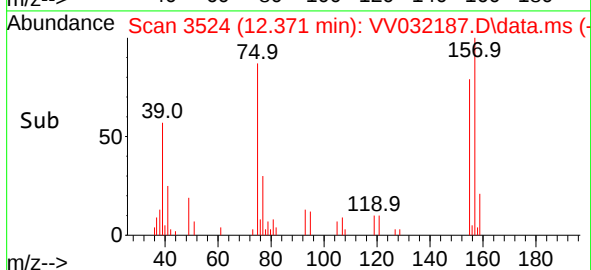
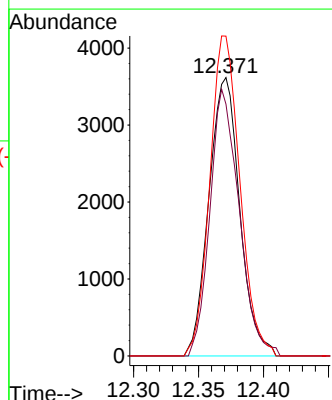
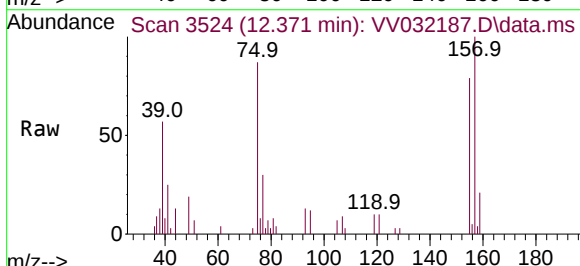
Tgt Ion: 75 Resp: 5980

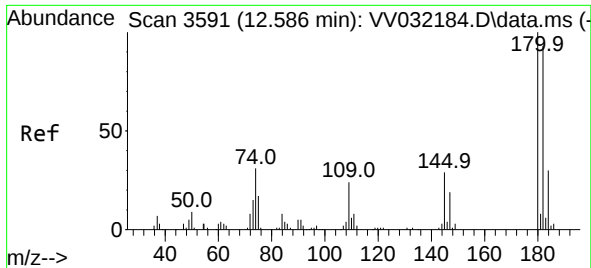
Ion Ratio Lower Upper

75 100

155 90.5 70.2 105.4

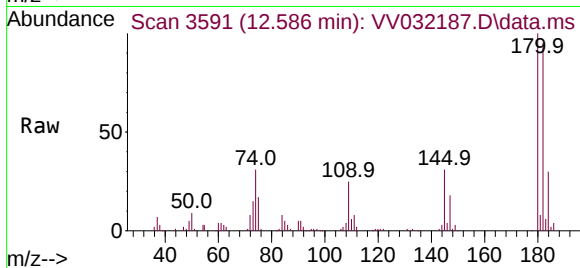
157 114.9 90.6 135.8



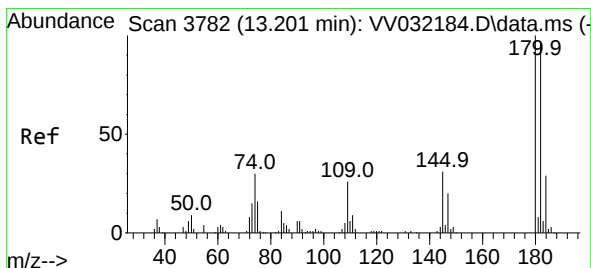
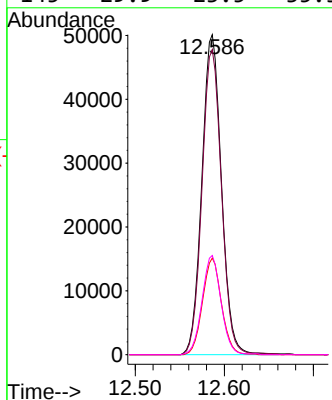
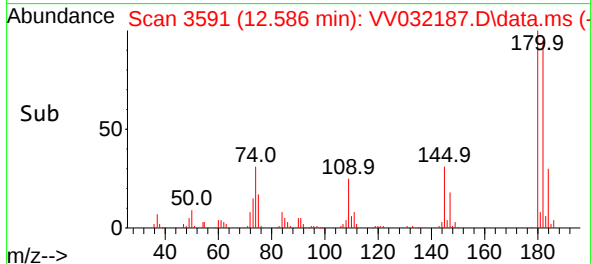


#69
 1,3,5-Trichlorobenzene
 Concen: 5.019 ug/L
 RT: 12.586 min Scan# 3591
 Delta R.T. -0.000 min
 Lab File: VV032187.D
 Acq: 29 Sep 2023 12:13

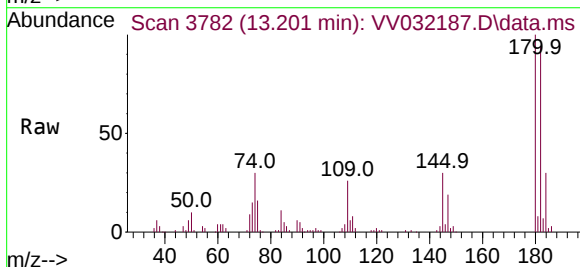
Instrument :
 MSVOA_V
 ClientSampleId :



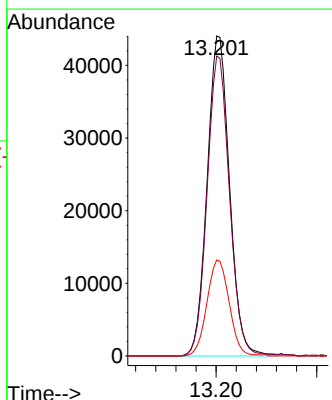
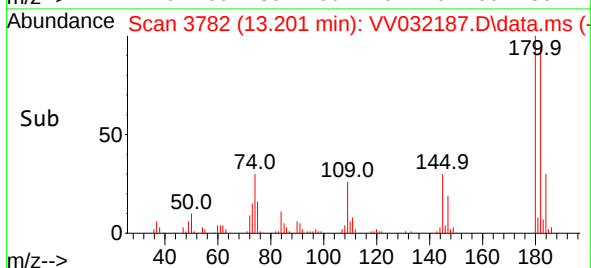
Tgt Ion:180 Resp: 76449
 Ion Ratio Lower Upper
 180 100
 182 94.7 74.6 112.0
 184 29.1 24.1 36.1
 145 29.9 23.5 35.3

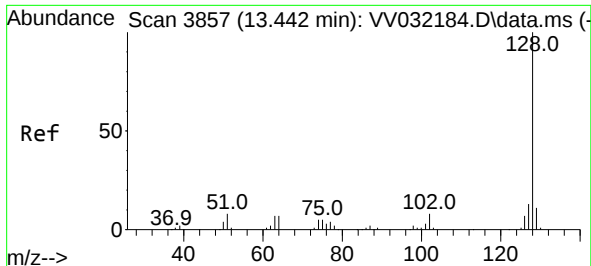


#70
 1,2,4-trichlorobenzene
 Concen: 5.042 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. -0.000 min
 Lab File: VV032187.D
 Acq: 29 Sep 2023 12:13



Tgt Ion:180 Resp: 68120
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.5 114.7
 145 29.8 24.3 36.5

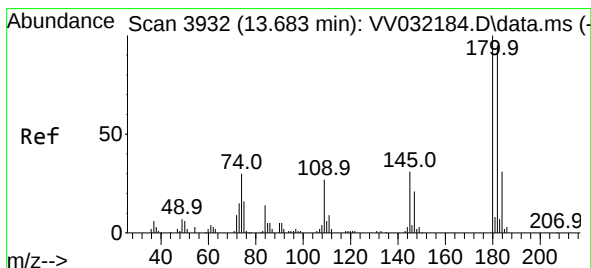
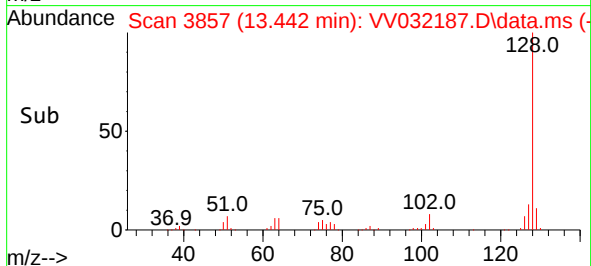
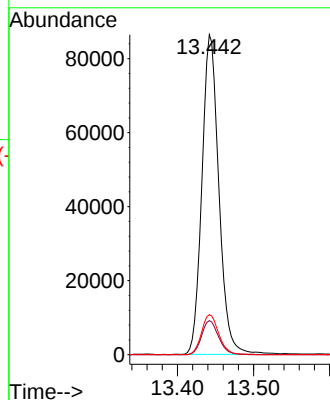
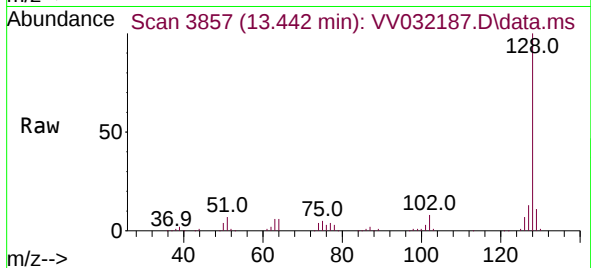




#71
Naphthalene
Concen: 5.833 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 133864
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.275 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV032187.D
Acq: 29 Sep 2023 12:13

Tgt Ion:180 Resp: 61402
Ion Ratio Lower Upper
180 100
182 94.0 77.0 115.4
145 32.0 25.7 38.5

