

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035485.D
 Acq On : 01 May 2024 10:08
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:45:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 00:45:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	502641	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	492389	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	233899	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20614	5.141	ug/L	0.00
7) Chloroethane-d5	1.529	69	16770	7.007	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	9048	5.462	ug/L	0.00
21) 2-Butanone-d5	3.825	46	8541	3.871	ug/L	0.03
24) Chloroform-d	4.249	84	36796	5.333	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	21108	5.248	ug/L	0.01
32) Benzene-d6	4.963	84	67812	5.161	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	25062	6.145	ug/L	0.00
41) Toluene-d8	7.246	98	56227	4.738	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	9044	4.721	ug/L	0.01
47) 2-Hexanone-d5	8.037	63	14552	10.787	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.153	84	32861	5.564	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	24081	5.709	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	17667	4.870	ug/L	98
3) Chloromethane	1.214	50	20108	5.408	ug/L	99
5) Vinyl chloride	1.282	62	19484	4.966	ug/L	96
6) Bromomethane	1.484	94	12507	5.346	ug/L	99
8) Chloroethane	1.545	64	13265	7.277	ug/L	99
9) Trichlorofluoromethane	1.712	101	26928	5.077	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	17148	5.146	ug/L	99
12) 1,1-Dichloroethene	2.066	96	15113	5.099	ug/L	91
13) Acetone	2.121	43	30451	12.458	ug/L	94
14) Carbon disulfide	2.236	76	39090	4.809	ug/L	99
15) Methyl Acetate	2.378	43	19141	5.026	ug/L	96
16) Methylene chloride	2.445	84	19951	5.311	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	15102	4.758	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	48595	4.515	ug/L	97
19) 1,1-Dichloroethane	3.111	63	33151	5.025	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	17136	4.750	ug/L	99
22) 2-Butanone	3.815	43	277	0.100	ug/L	75
23) Bromochloromethane	4.153	128	10350	5.149	ug/L	95
25) Chloroform	4.275	83	33218	4.866	ug/L	99
27) 1,2-Dichloroethane	5.050	62	23148	4.644	ug/L	95
29) Cyclohexane	4.574	56	18733	4.201	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	27867	4.980	ug/L	99
31) Carbon tetrachloride	4.728	117	24442	5.000	ug/L	98
33) Benzene	5.011	78	63248	4.797	ug/L	100
34) Trichloroethene	5.841	95	17104	4.820	ug/L	98
35) Methylcyclohexane	6.047	83	21585	4.230	ug/L	95
37) 1,2-Dichloropropane	6.095	63	16747	4.559	ug/L	# 93
38) Bromodichloromethane	6.436	83	24842	5.000	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	22421	4.060	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	36527	8.148	ug/L	99
42) Toluene	7.317	91	63055	4.582	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	22922	4.366	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
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 Sample : VSTD005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

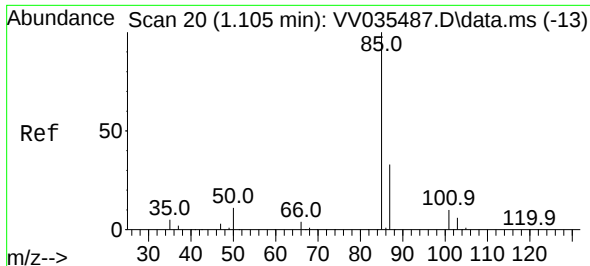
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:45:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 00:45:24 2024
 Response via : Initial Calibration

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

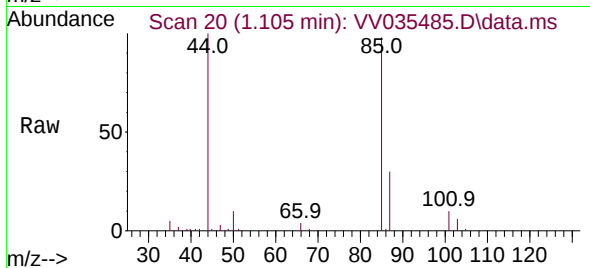
45) 1,1,2-Trichloroethane	7.770	97	19123	4.952	ug/L	93
46) Tetrachloroethene	7.905	164	14682	5.264	ug/L	97
48) 2-Hexanone	8.085	43	30193	7.975	ug/L	94
49) Dibromochloromethane	8.175	129	19320	4.884	ug/L	95
50) 1,2-Dibromoethane	8.288	107	19669	5.004	ug/L #	93
51) Chlorobenzene	8.815	112	47367	4.886	ug/L	99
52) Ethylbenzene	8.947	91	63275	4.216	ug/L	97
53) m,p-Xylene	9.075	106	22223	3.921	ug/L	97
54) o-Xylene	9.477	106	22606	4.056	ug/L	96
55) Styrene	9.500	104	35389	3.685	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	32676	5.149	ug/L	100
59) Bromoform	9.667	173	14256	4.998	ug/L #	97
60) Isopropylbenzene	9.866	105	58077	4.312	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	25519	5.717	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	44059	4.078	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	43017	4.059	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	33924	4.891	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	39292	5.387	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	36075	5.067	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.365	75	7435	6.963	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	25765	5.156	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	22658	5.610	ug/L	98
71) Naphthalene	13.439	128	64116	6.854	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	24622	6.191	ug/L	99

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

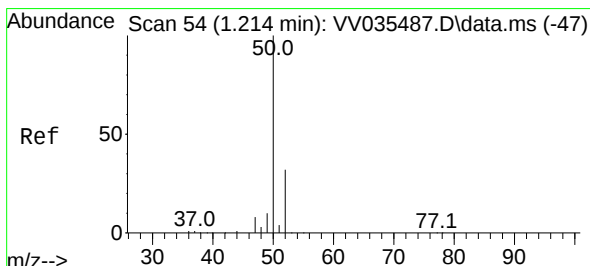
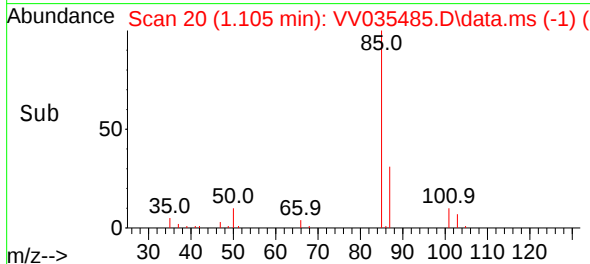
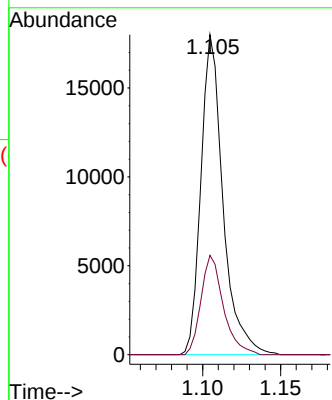


#2
 Dichlorodifluoromethane
 Concen: 4.870 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035485.D
 Acq: 01 May 2024 10:08

Instrument :
 MSVOA_V
 ClientSampleId :

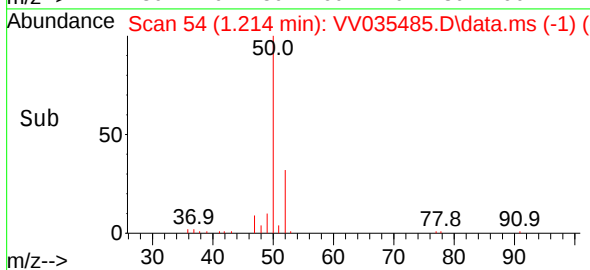
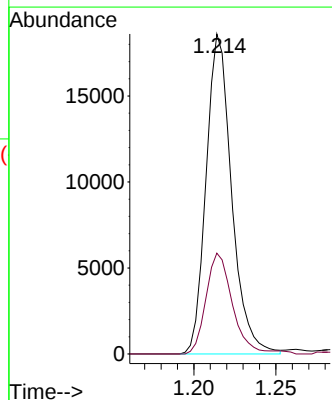
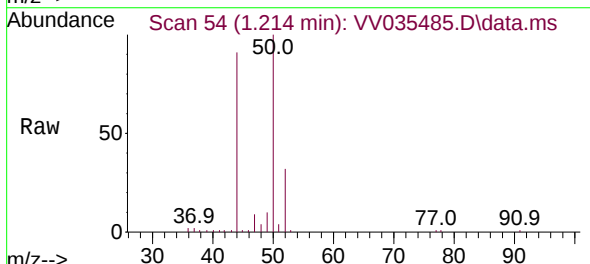


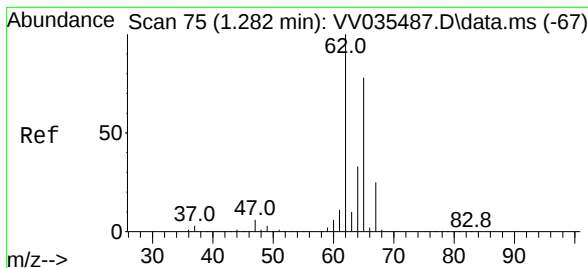
Tgt Ion: 85 Resp: 17667
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.8 38.8



#3
 Chloromethane
 Concen: 5.408 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035485.D
 Acq: 01 May 2024 10:08

Tgt Ion: 50 Resp: 20108
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.6 42.0





#5

Vinyl chloride

Concen: 4.966 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

Instrument :

MSVOA_V

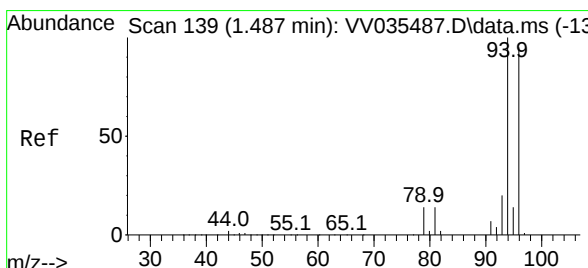
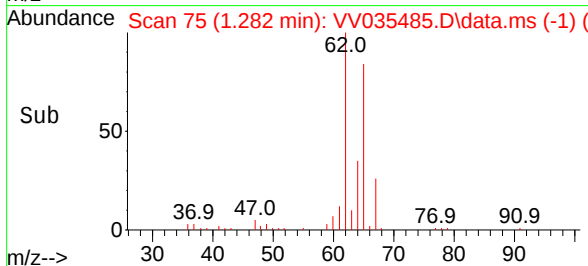
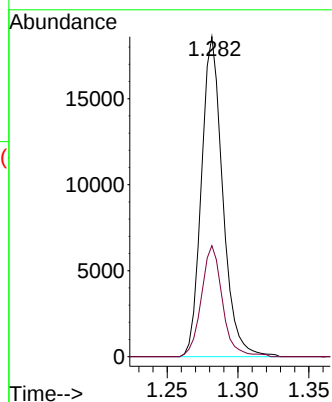
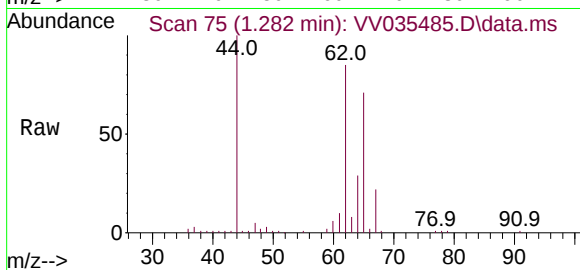
ClientSampleId :

Tgt Ion: 62 Resp: 19484

Ion Ratio Lower Upper

62 100

64 34.7 22.9 42.5



#6

Bromomethane

Concen: 5.346 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV035485.D

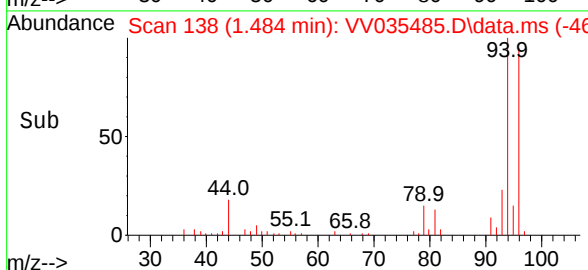
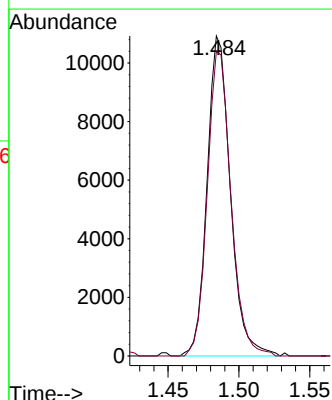
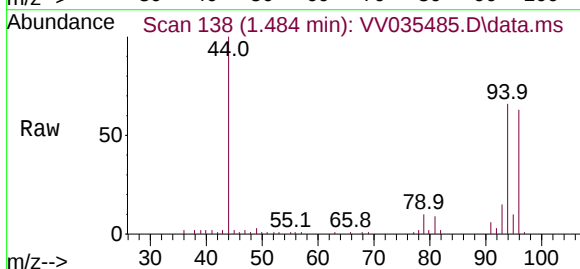
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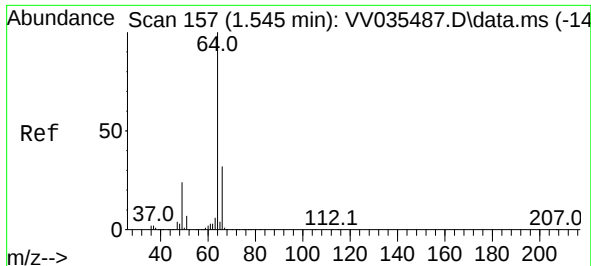
Tgt Ion: 94 Resp: 12507

Ion Ratio Lower Upper

94 100

96 95.2 66.2 123.0

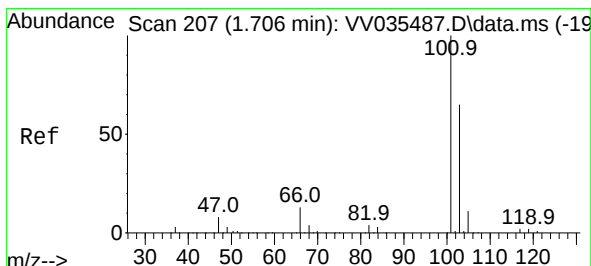
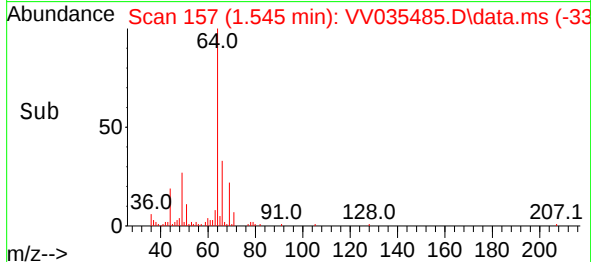
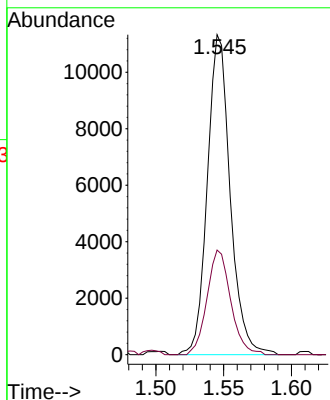
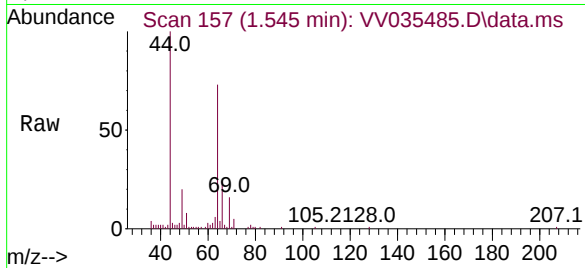




#8
Chloroethane
Concen: 7.277 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

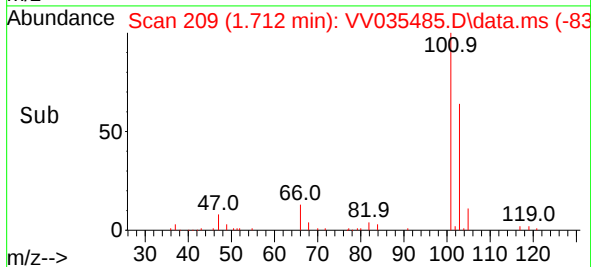
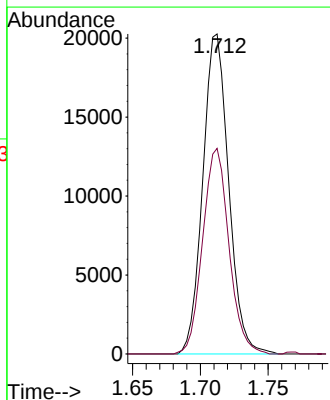
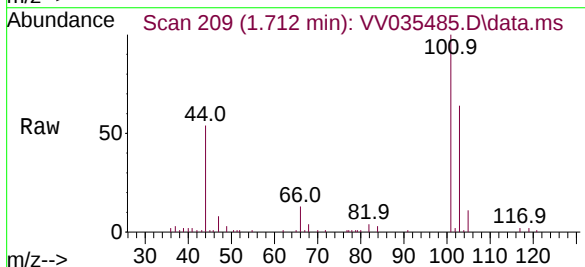
Instrument :
MSVOA_V
ClientSampleId :

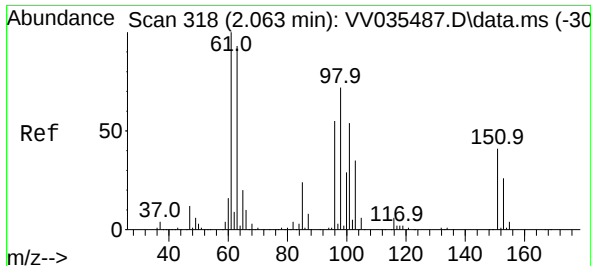
Tgt Ion: 64 Resp: 13265
Ion Ratio Lower Upper
64 100
66 32.7 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.077 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.006 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

Tgt Ion:101 Resp: 26928
Ion Ratio Lower Upper
101 100
103 65.3 52.0 78.0





#10

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

Concen: 5.146 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :

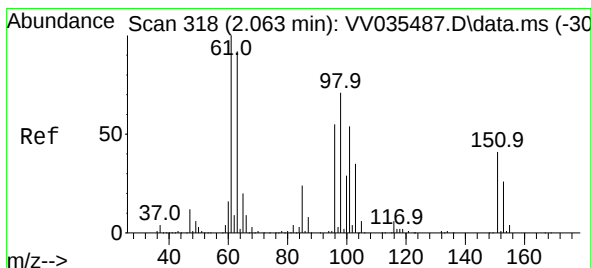
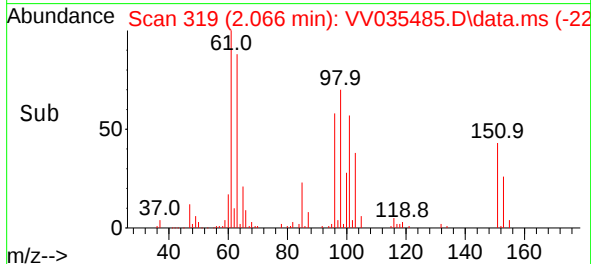
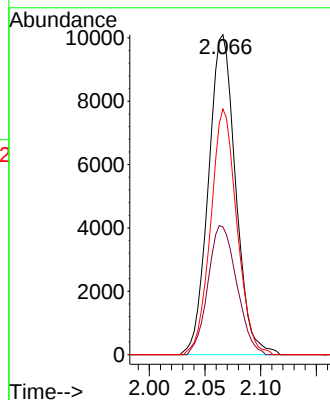
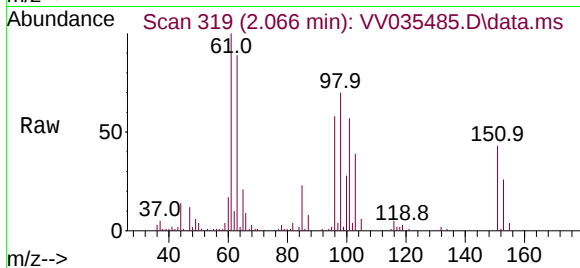
Tgt Ion:101 Resp: 17148

Ion Ratio Lower Upper

101 100

85 42.5 34.4 51.6

151 74.0 60.1 90.1



#12

1,1-Dichloroethene

Concen: 5.099 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

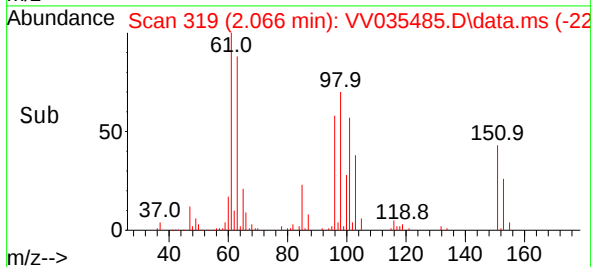
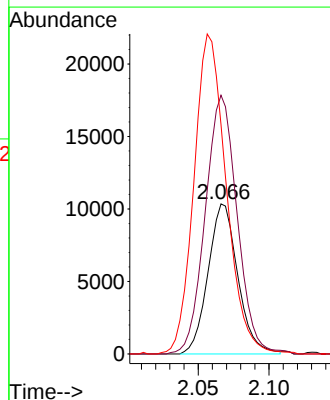
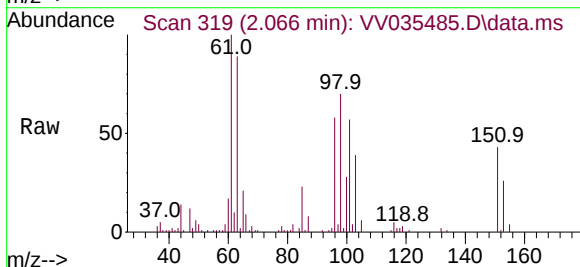
Tgt Ion: 96 Resp: 15113

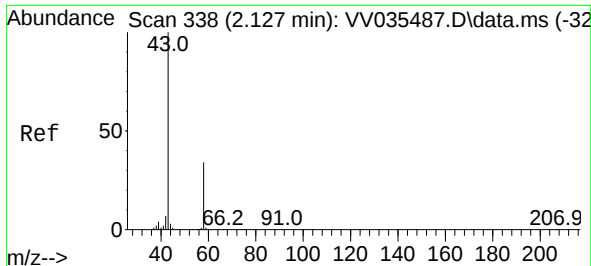
Ion Ratio Lower Upper

96 100

61 172.3 126.5 234.9

63 152.8 118.1 219.3





#13

Acetone

Concen: 12.458 ug/L

RT: 2.121 min Scan# 338

Delta R.T. -0.006 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

Instrument :

MSVOA_V

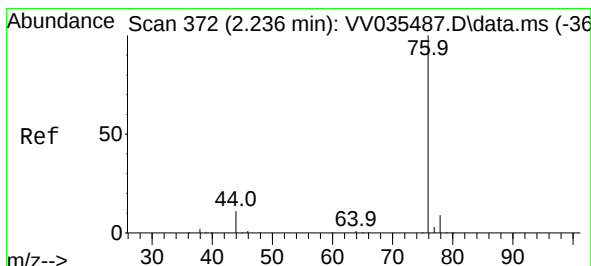
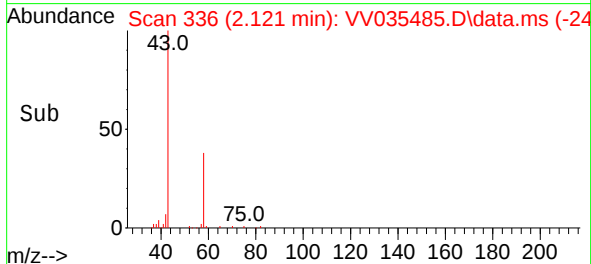
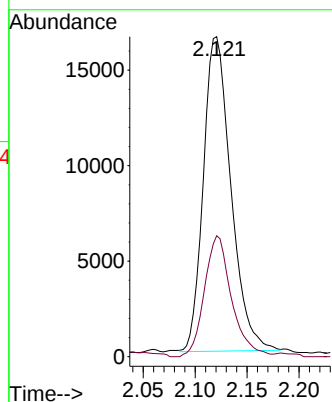
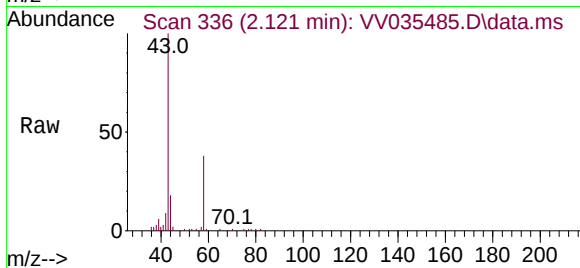
ClientSampleId :

Tgt Ion: 43 Resp: 30451

Ion Ratio Lower Upper

43 100

58 37.7 0.0 68.8



#14

Carbon disulfide

Concen: 4.809 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035485.D

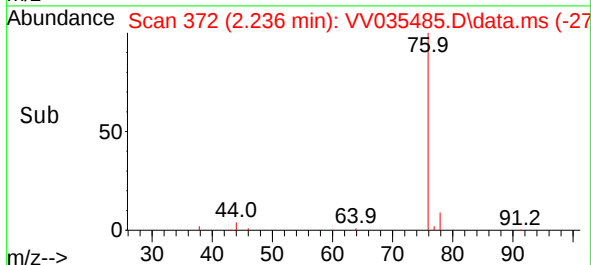
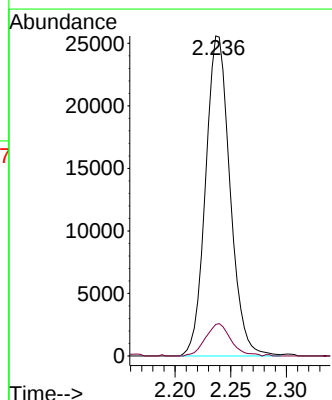
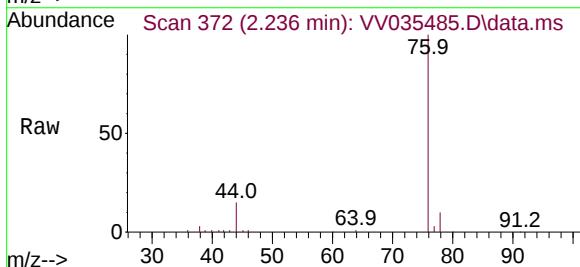
Acq: 01 May 2024 10:08

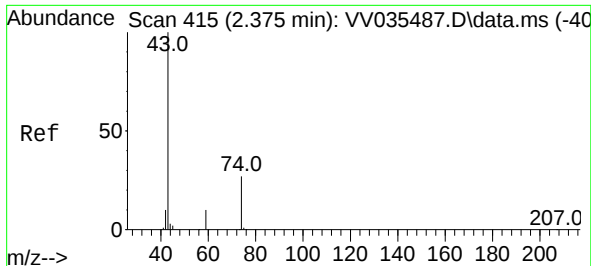
Tgt Ion: 76 Resp: 39090

Ion Ratio Lower Upper

76 100

78 9.8 7.6 11.4





#15

Methyl Acetate

Concen: 5.026 ug/L

RT: 2.378 min Scan# 415

Delta R.T. 0.003 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

Instrument :

MSVOA_V

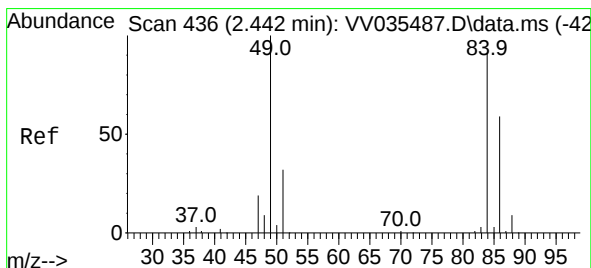
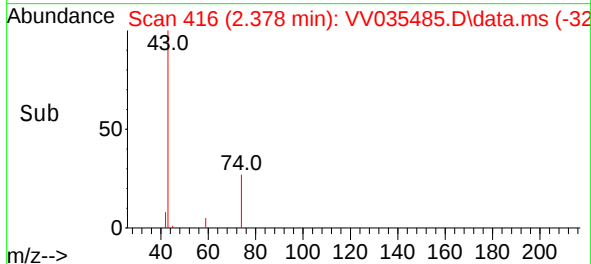
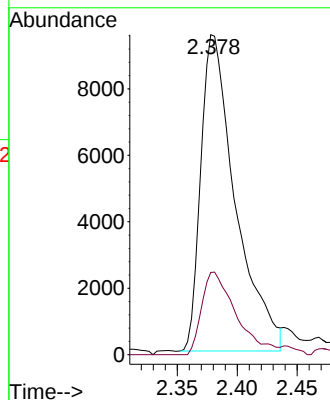
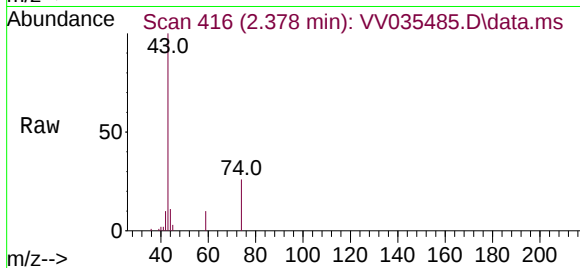
ClientSampleId :

Tgt Ion: 43 Resp: 19141

Ion Ratio Lower Upper

43 100

74 24.7 21.6 32.4



#16

Methylene chloride

Concen: 5.311 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

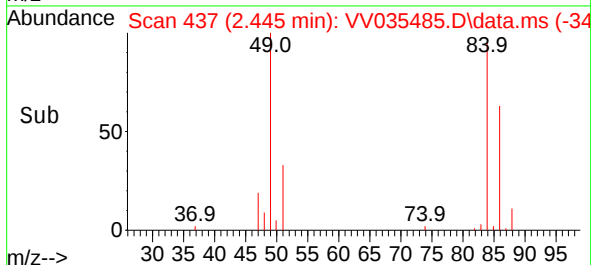
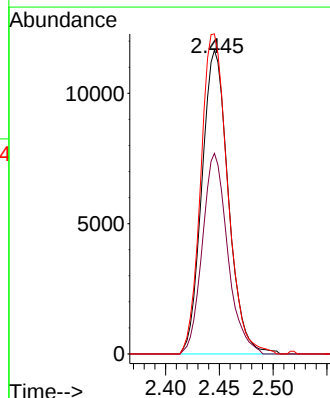
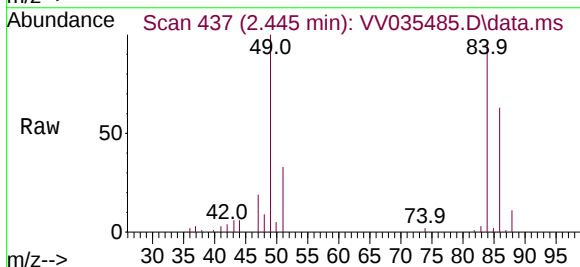
Tgt Ion: 84 Resp: 19951

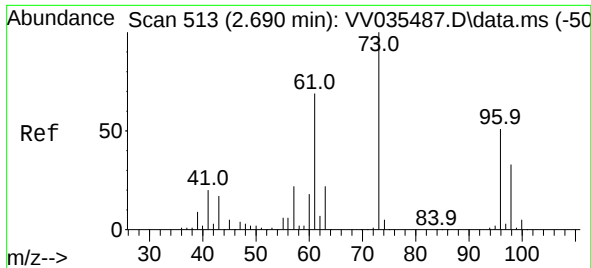
Ion Ratio Lower Upper

84 100

86 66.0 45.3 84.1

49 105.3 76.9 142.7

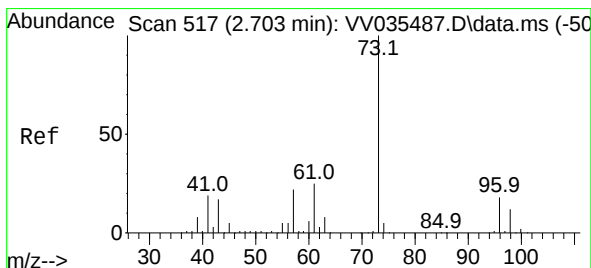
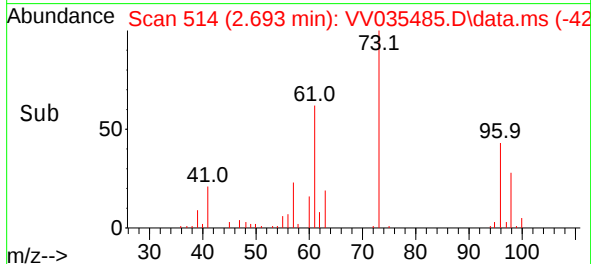
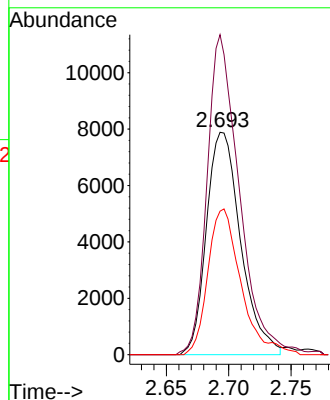
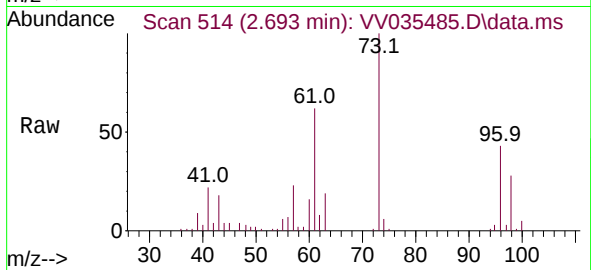




#17
trans-1,2-Dichloroethene
Concen: 4.758 ug/L
RT: 2.693 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

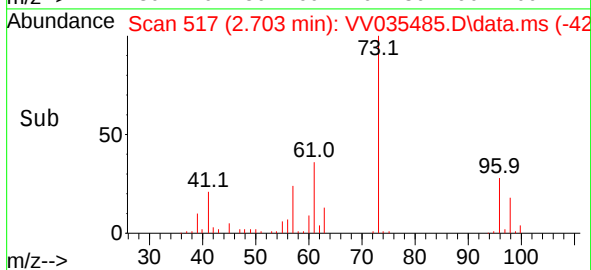
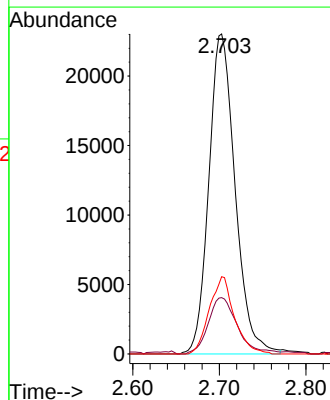
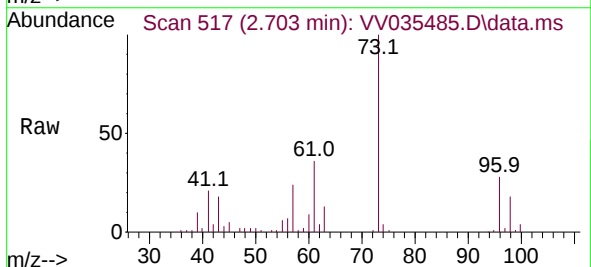
Instrument :
MSVOA_V
ClientSampleId :

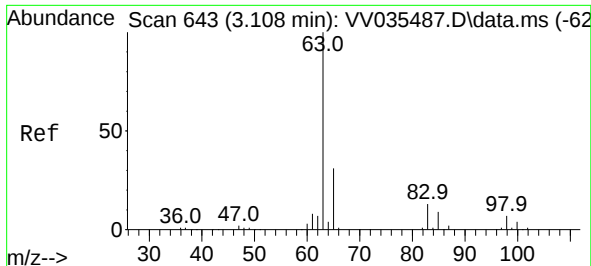
Tgt Ion: 96 Resp: 15102
Ion Ratio Lower Upper
96 100
61 143.9 95.5 177.3
98 64.6 44.9 83.5



#18
Methyl tert-butyl Ether
Concen: 4.515 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

Tgt Ion: 73 Resp: 48595
Ion Ratio Lower Upper
73 100
43 18.9 13.6 20.4
57 23.0 17.4 26.0





#19

1,1-Dichloroethane

Concen: 5.025 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :

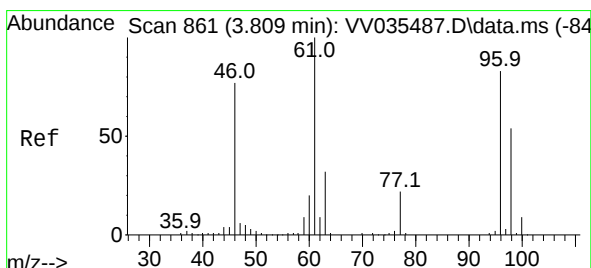
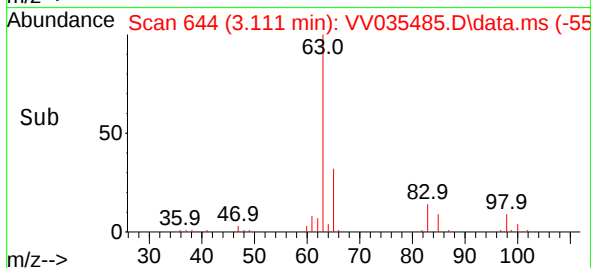
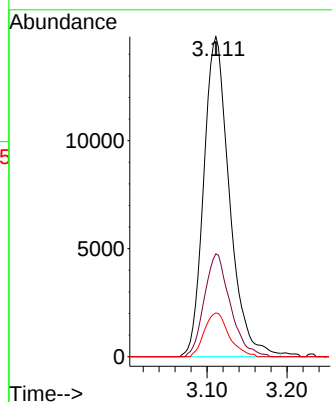
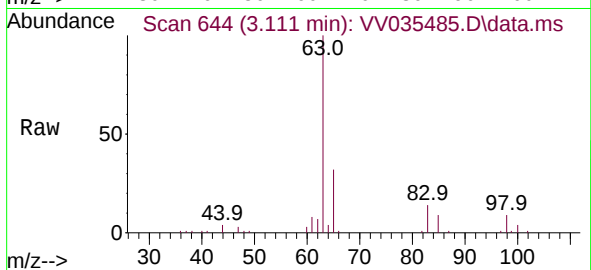
Tgt Ion: 63 Resp: 33151

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.4

83 13.6 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 4.750 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.010 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

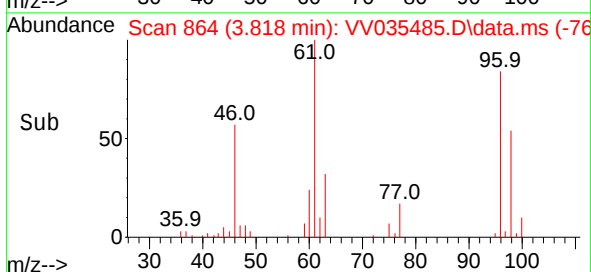
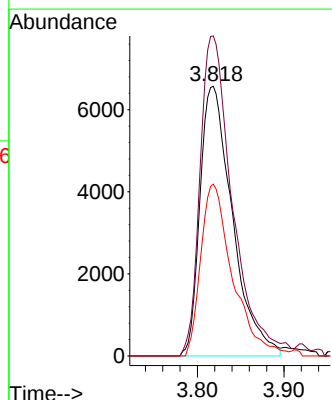
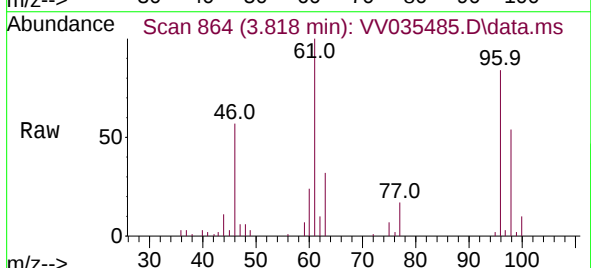
Tgt Ion: 96 Resp: 17136

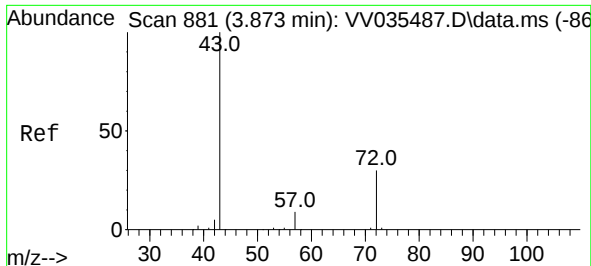
Ion Ratio Lower Upper

96 100

61 118.7 84.0 156.0

98 63.7 44.9 83.5





#22

2-Butanone

Concen: 0.100 ug/L

RT: 3.815 min Scan# 80

Delta R.T. -0.058 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

Instrument :

MSVOA_V

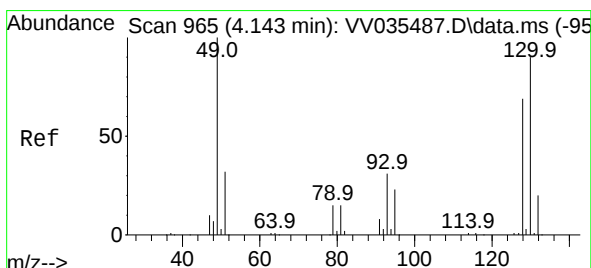
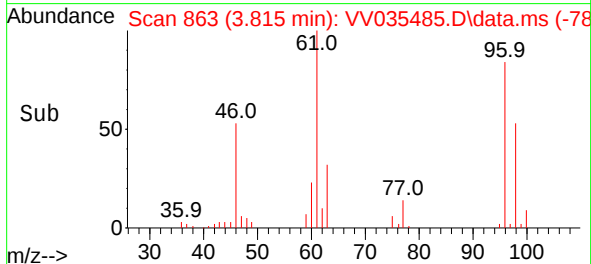
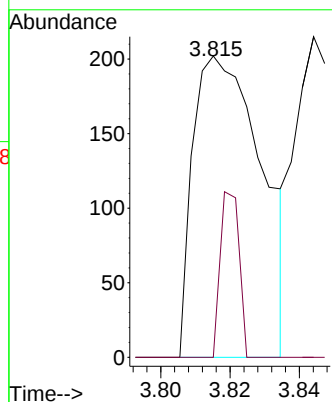
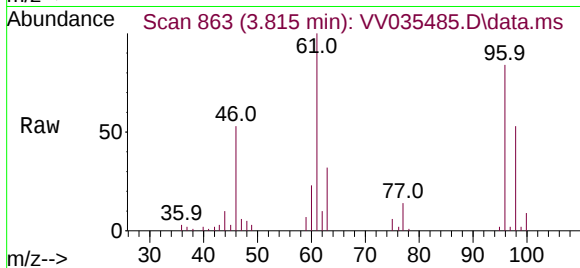
ClientSampleId :

Tgt Ion: 43 Resp: 277

Ion Ratio Lower Upper

43 100

72 15.2 14.4 43.0



#23

Bromochloromethane

Concen: 5.149 ug/L

RT: 4.153 min Scan# 968

Delta R.T. 0.010 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

Tgt Ion:128 Resp: 10350

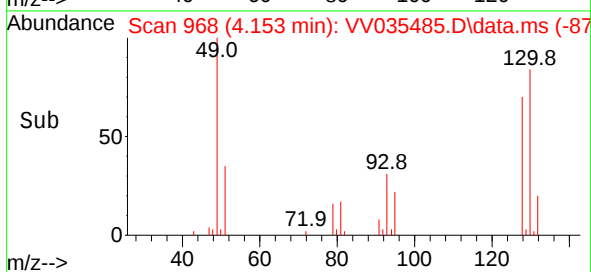
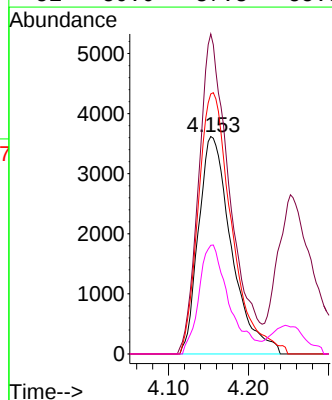
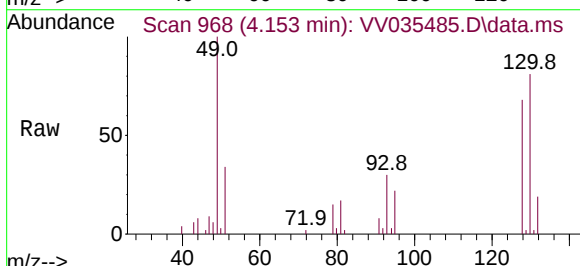
Ion Ratio Lower Upper

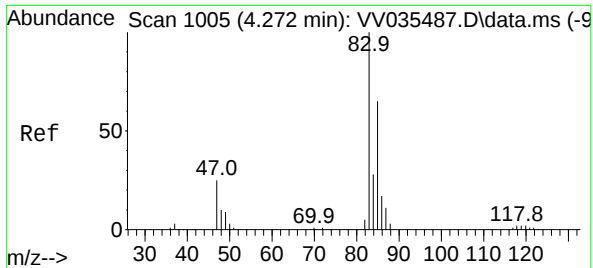
128 100

49 147.2 102.0 189.4

130 119.6 91.5 169.9

51 50.0 37.3 55.9





#25

Chloroform

Concen: 4.866 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

Instrument :

MSVOA_V

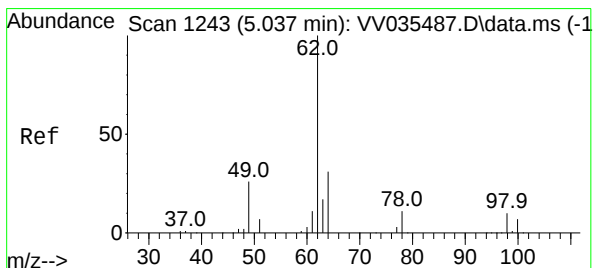
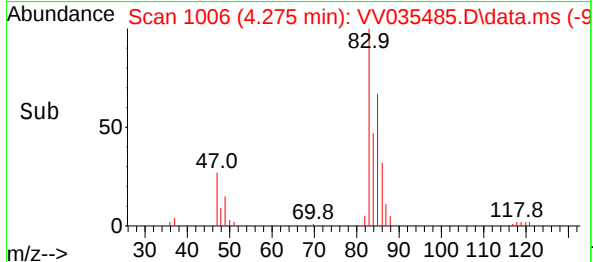
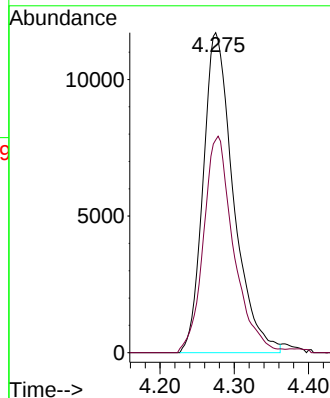
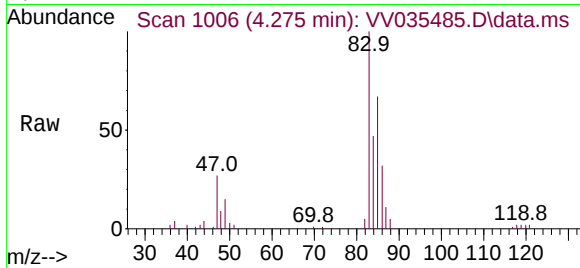
ClientSampleId :

Tgt Ion: 83 Resp: 33218

Ion Ratio Lower Upper

83 100

85 66.5 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.644 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.013 min

Lab File: VV035485.D

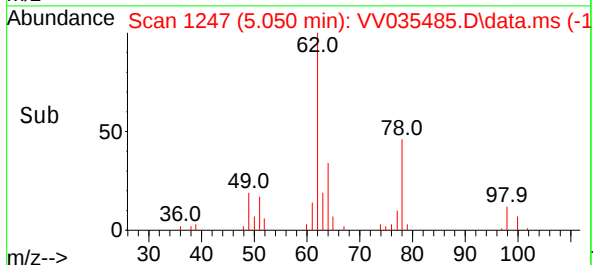
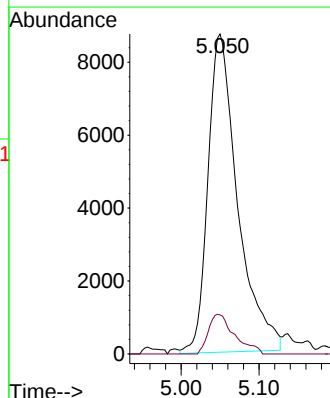
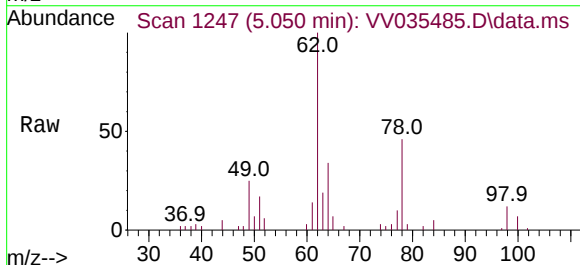
Acq: 01 May 2024 10:08

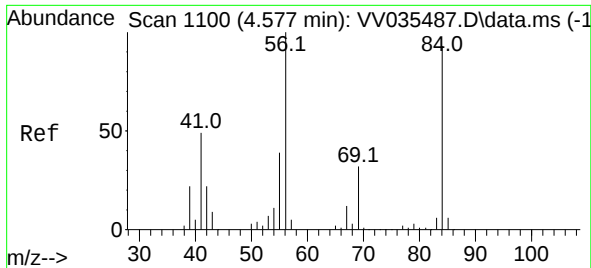
Tgt Ion: 62 Resp: 23148

Ion Ratio Lower Upper

62 100

98 12.2 8.2 12.2





#29

Cyclohexane

Concen: 4.201 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.003 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :

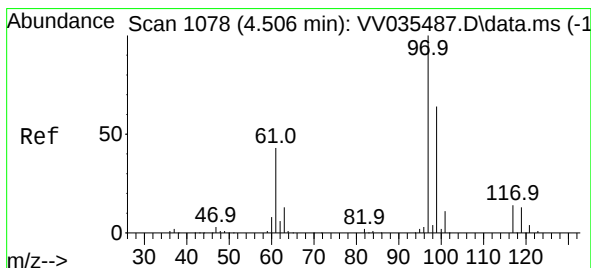
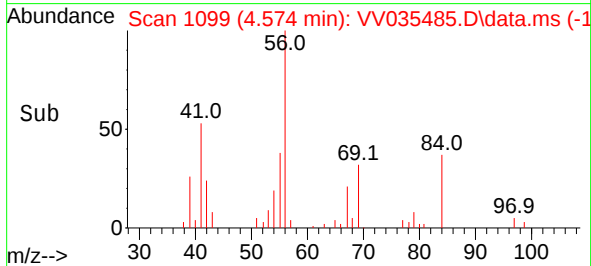
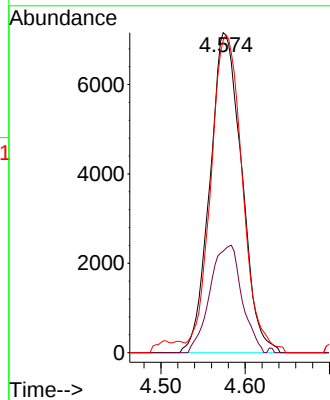
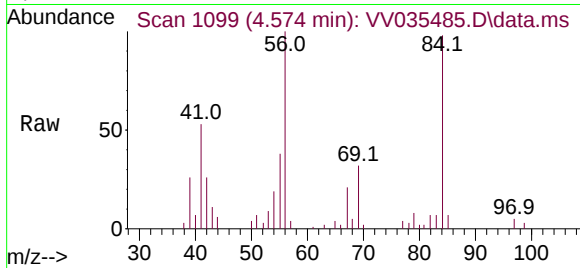
Tgt Ion: 56 Resp: 18733

Ion Ratio Lower Upper

56 100

69 33.6 25.5 38.3

84 95.4 73.6 110.4



#30

1,1,1-Trichloroethane

Concen: 4.980 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

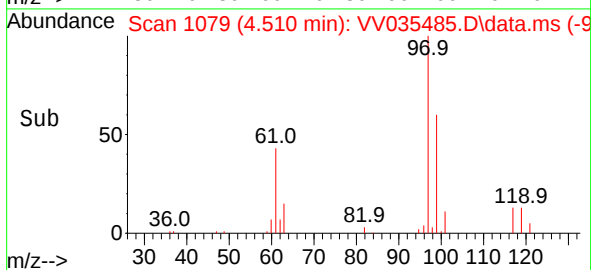
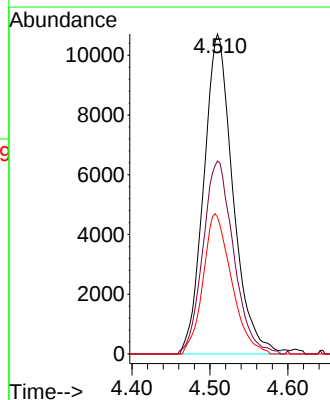
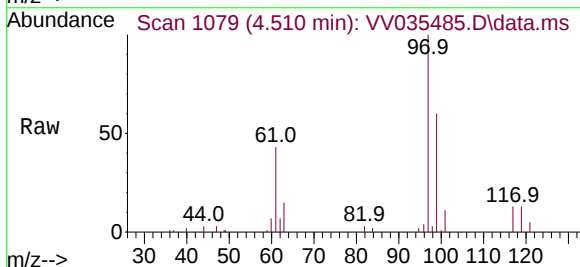
Tgt Ion: 97 Resp: 27867

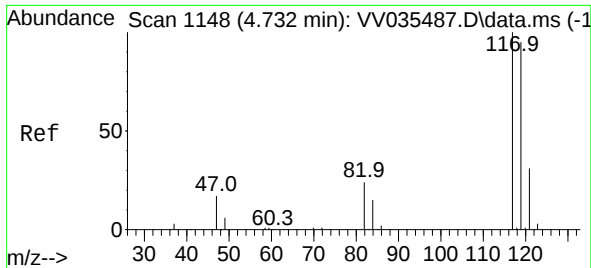
Ion Ratio Lower Upper

97 100

99 63.3 51.9 77.9

61 42.8 34.1 51.1

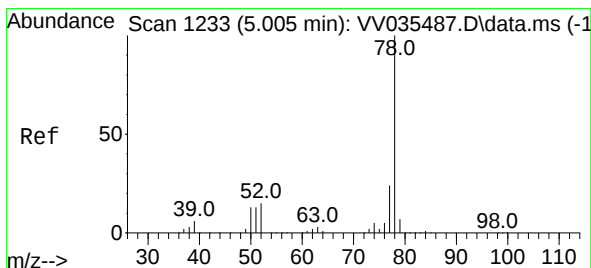
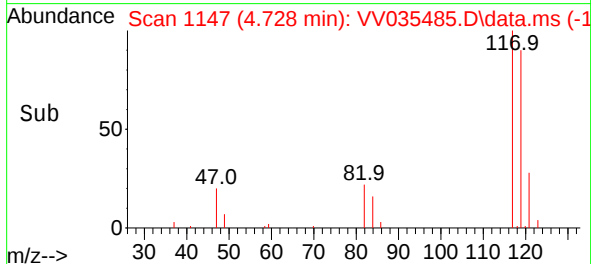
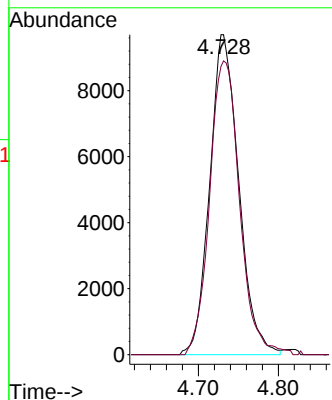
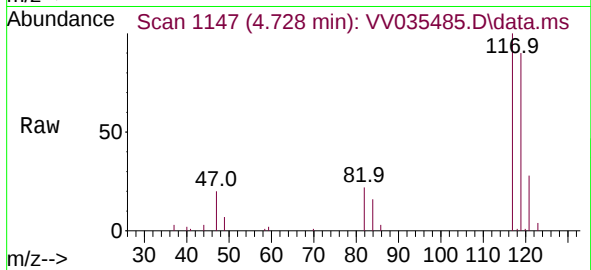




#31
Carbon tetrachloride
Concen: 5.000 ug/L
RT: 4.728 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

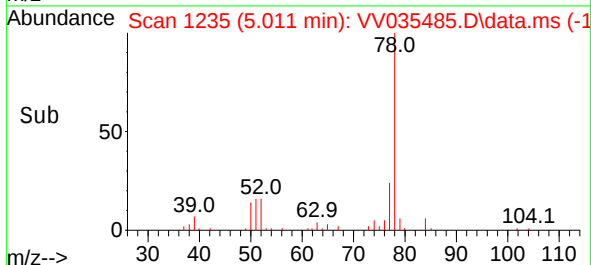
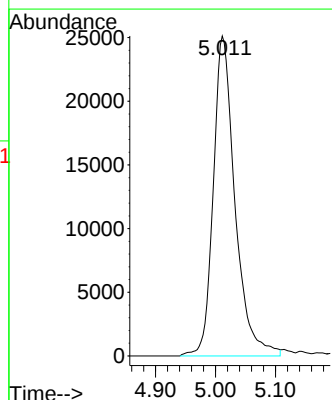
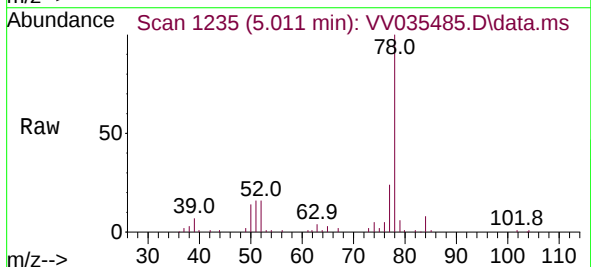
Instrument :
MSVOA_V
ClientSampleId :

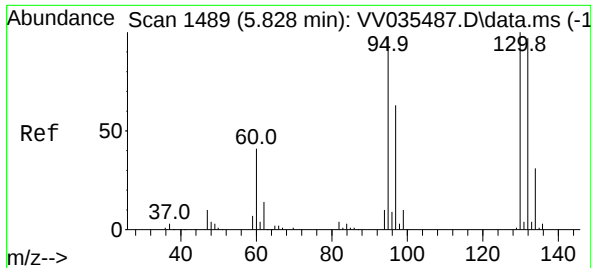
Tgt Ion:117 Resp: 24442
Ion Ratio Lower Upper
117 100
119 93.5 76.5 114.7



#33
Benzene
Concen: 4.797 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

Tgt Ion: 78 Resp: 63248



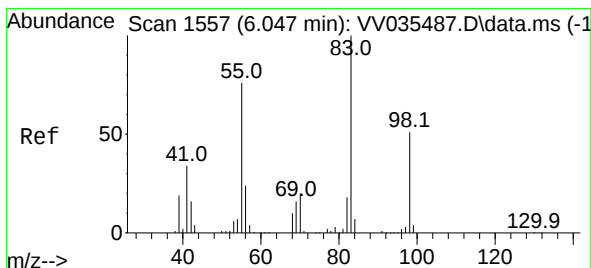
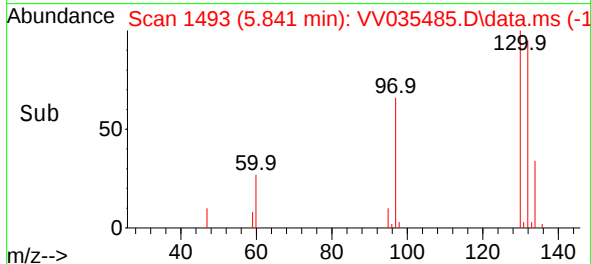
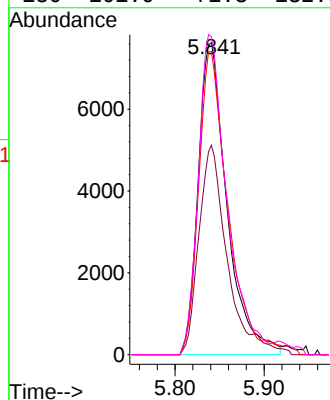
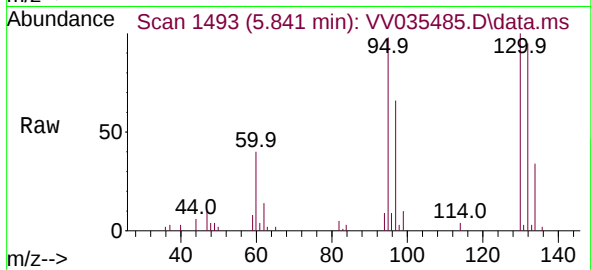


#34
Trichloroethene
Concen: 4.820 ug/L
RT: 5.841 min Scan# 1489
Delta R.T. 0.013 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 17104

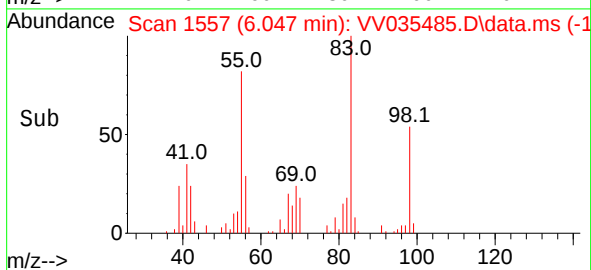
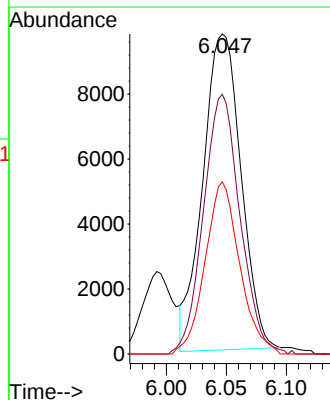
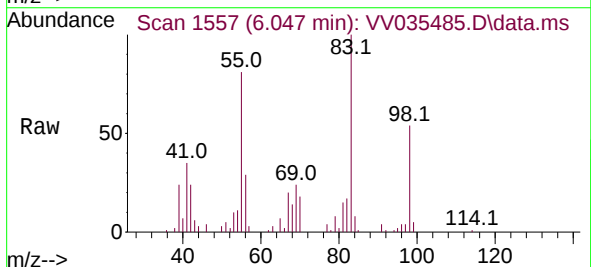
Ion	Ratio	Lower	Upper
95	100		
97	67.1	45.1	83.9
132	97.2	69.4	128.8
130	101.9	71.3	132.3

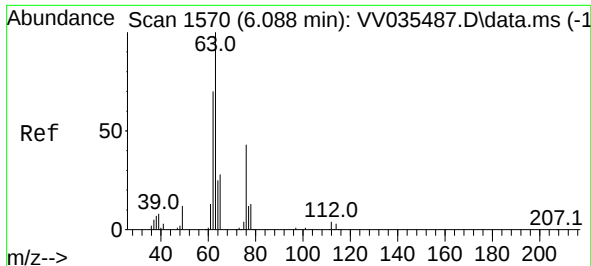


#35
Methylcyclohexane
Concen: 4.230 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

Tgt Ion: 83 Resp: 21585

Ion	Ratio	Lower	Upper
83	100		
55	78.6	57.5	86.3
98	49.3	38.9	58.3

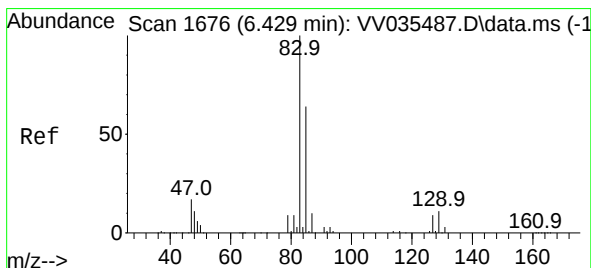
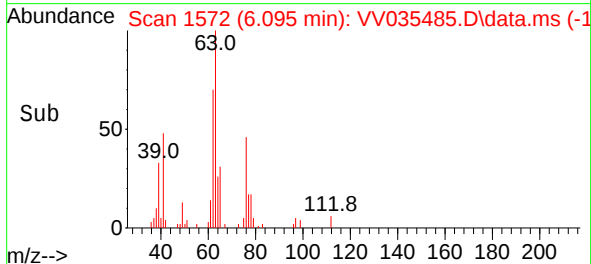
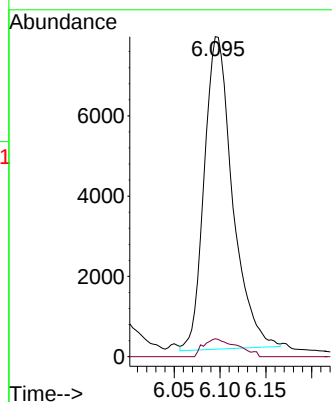
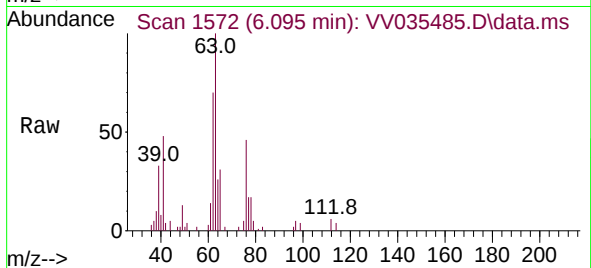




#37
1,2-Dichloropropane
Concen: 4.559 ug/L
RT: 6.095 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

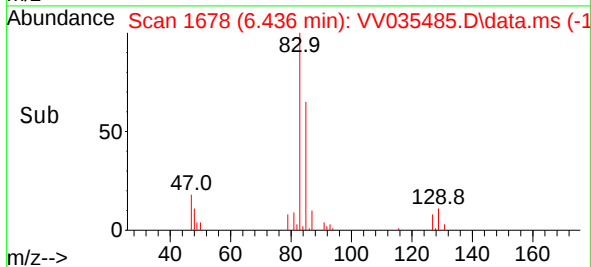
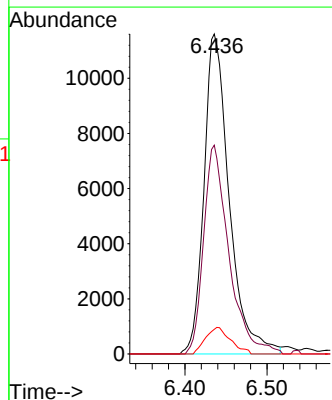
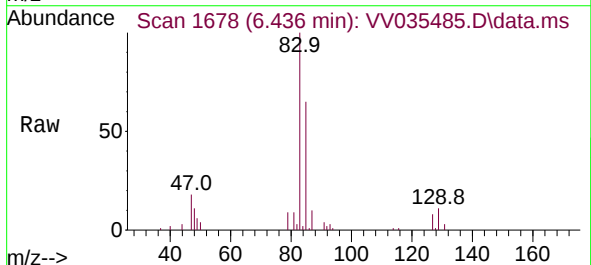
Instrument :
MSVOA_V
ClientSampleId :

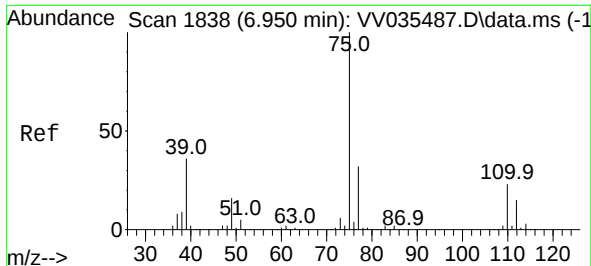
Tgt Ion: 63 Resp: 16747
Ion Ratio Lower Upper
63 100
112 6.5 3.4 5.2#



#38
Bromodichloromethane
Concen: 5.000 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

Tgt Ion: 83 Resp: 24842
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.9
127 7.7 6.9 10.3

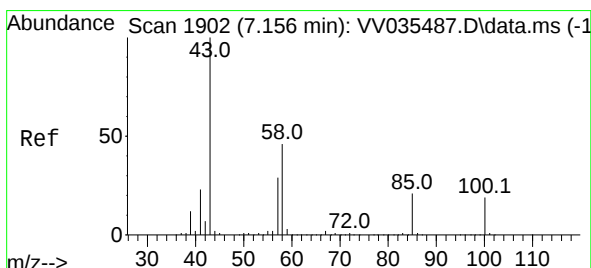
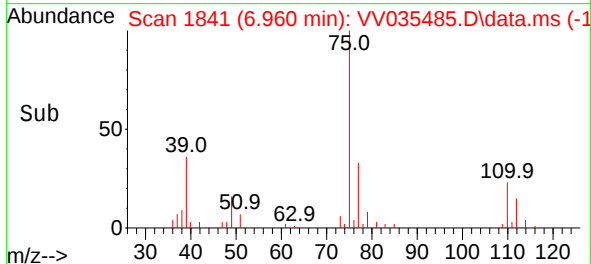
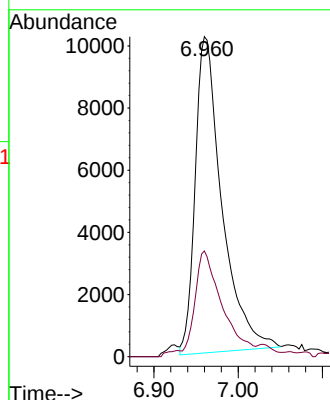
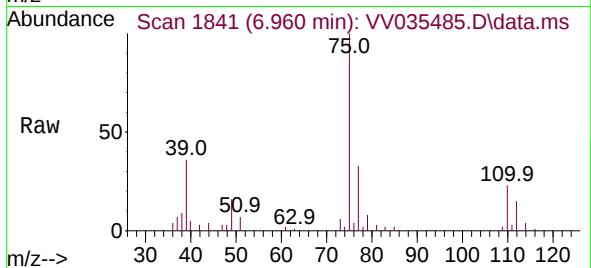




#39
 cis-1,3-Dichloropropene
 Concen: 4.060 ug/L
 RT: 6.960 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VV035485.D
 Acq: 01 May 2024 10:08

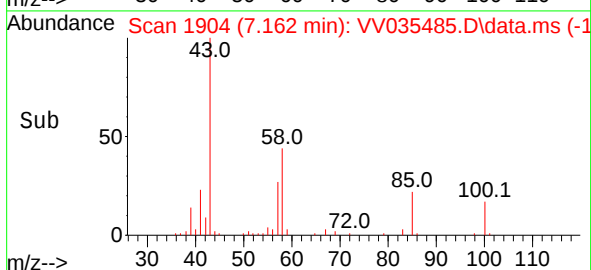
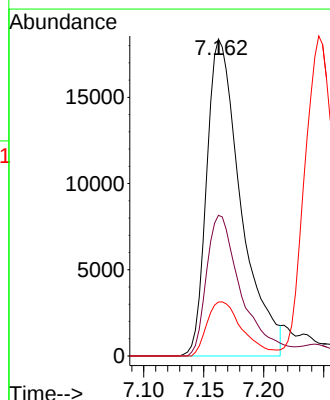
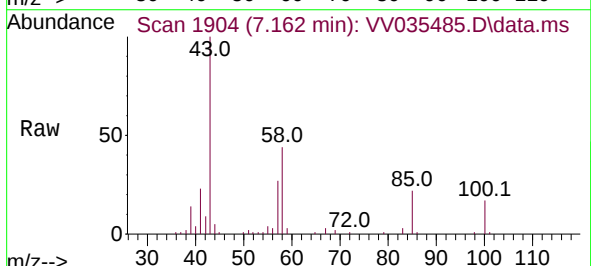
Instrument :
 MSVOA_V
 ClientSampleId :

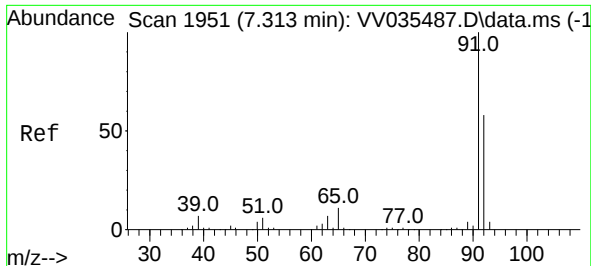
Tgt Ion: 75 Resp: 22421
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 8.148 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VV035485.D
 Acq: 01 May 2024 10:08

Tgt Ion: 43 Resp: 36527
 Ion Ratio Lower Upper
 43 100
 58 45.5 36.1 54.1
 100 17.7 15.0 22.4





#42

Toluene

Concen: 4.582 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

Instrument :

MSVOA_V

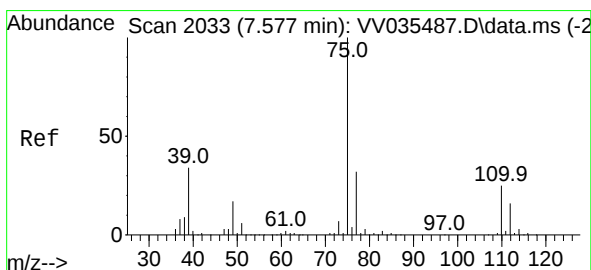
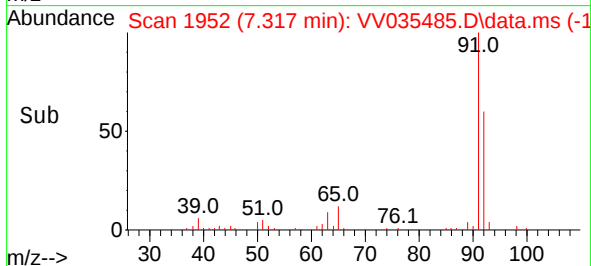
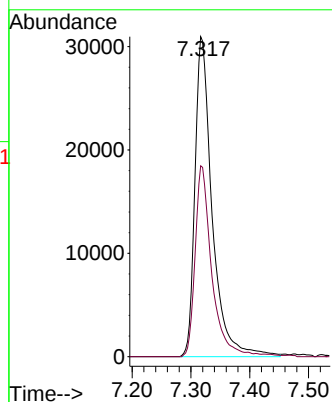
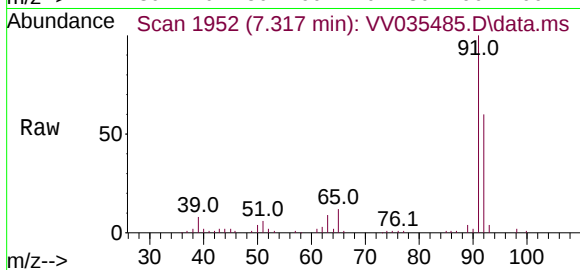
ClientSampleId :

Tgt Ion: 91 Resp: 63055

Ion Ratio Lower Upper

91 100

92 59.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.366 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV035485.D

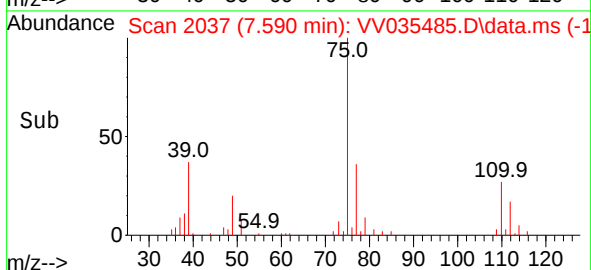
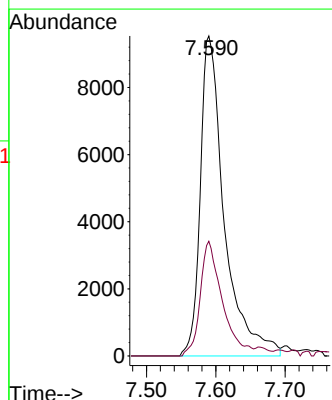
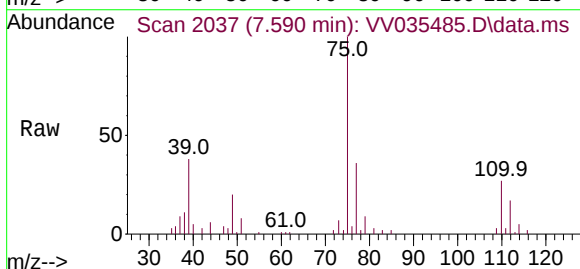
Acq: 01 May 2024 10:08

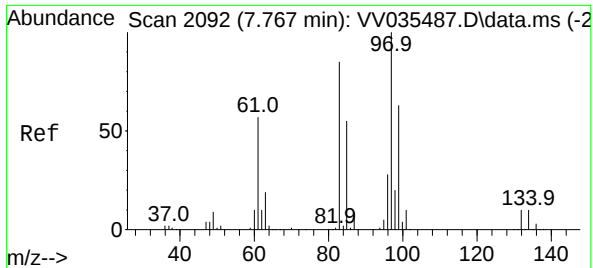
Tgt Ion: 75 Resp: 22922

Ion Ratio Lower Upper

75 100

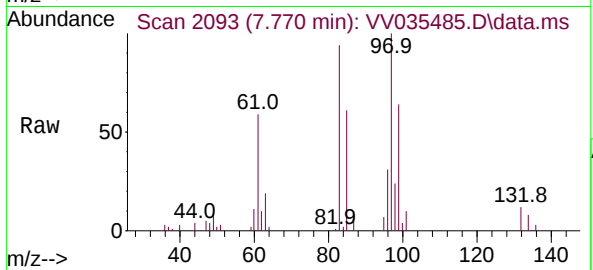
77 35.8 22.4 41.6



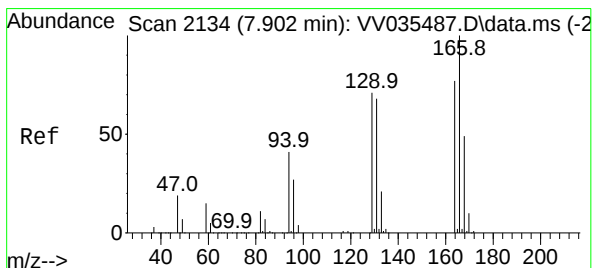
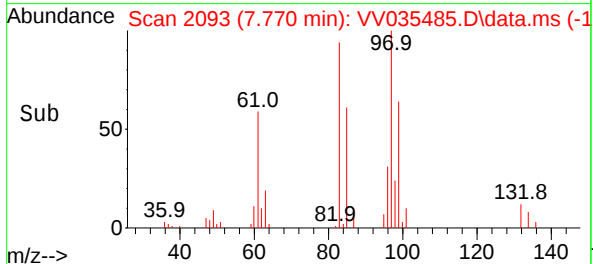
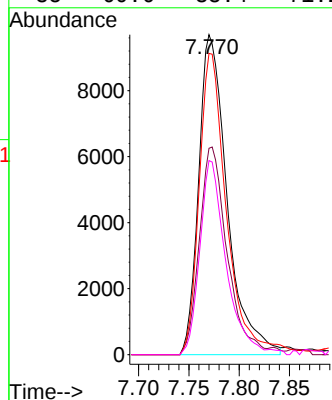


#45
1,1,2-Trichloroethane
Concen: 4.952 ug/L
RT: 7.770 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

Instrument :
MSVOA_V
ClientSampleId :

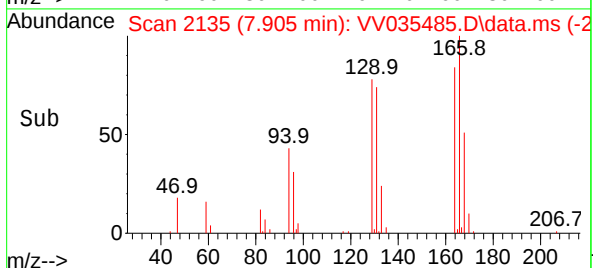
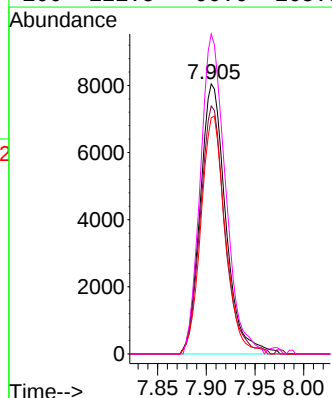
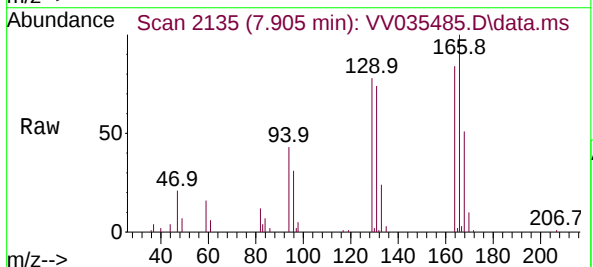


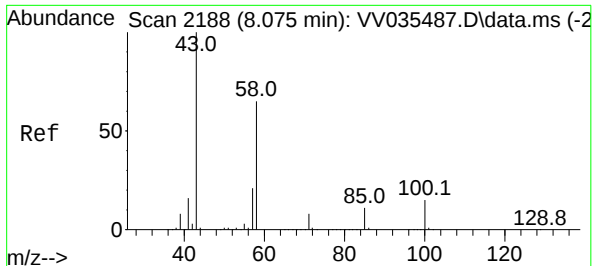
Tgt Ion:	97	Resp:	19123
Ion	Ratio	Lower	Upper
97	100		
99	64.5	44.2	82.2
83	94.2	59.3	110.1
85	60.6	38.4	71.2



#46
Tetrachloroethene
Concen: 5.264 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

Tgt Ion:	164	Resp:	14682
Ion	Ratio	Lower	Upper
164	100		
129	91.9	64.7	120.1
131	87.5	61.5	114.1
166	121.5	90.6	168.3

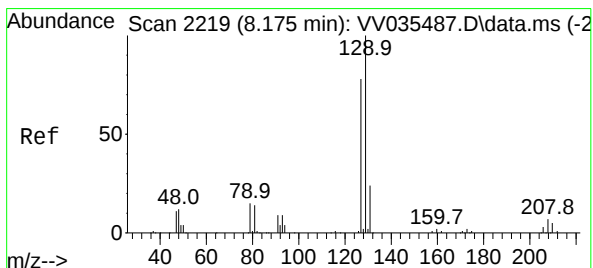
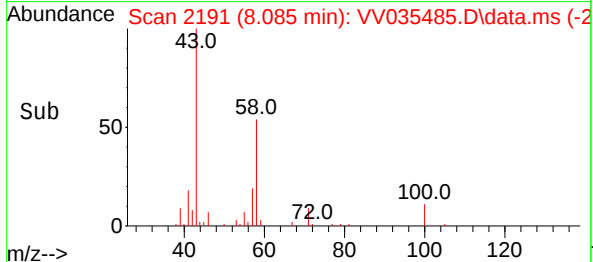
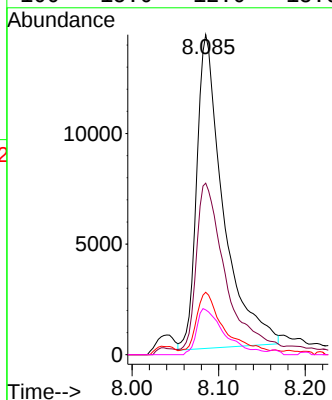
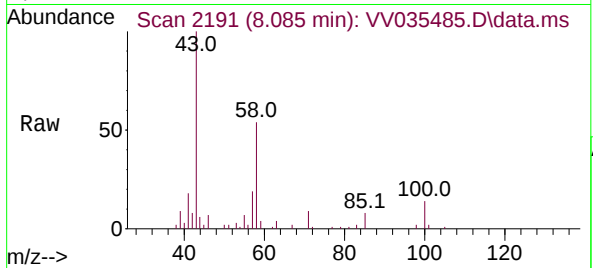




#48
2-Hexanone
Concen: 7.975 ug/L
RT: 8.085 min Scan# 2188
Delta R.T. 0.010 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

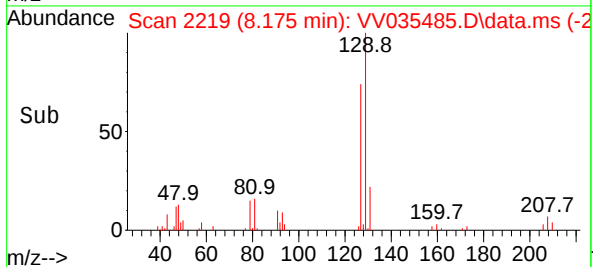
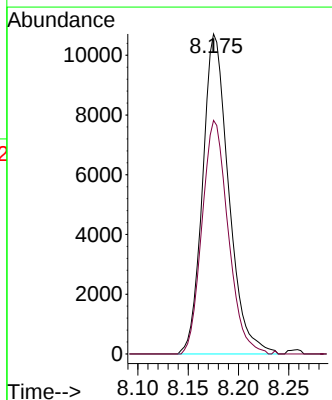
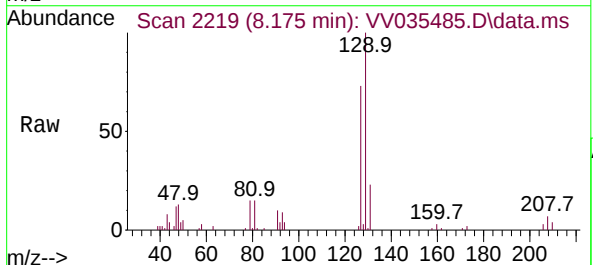
Instrument :
MSVOA_V
ClientSampleId :

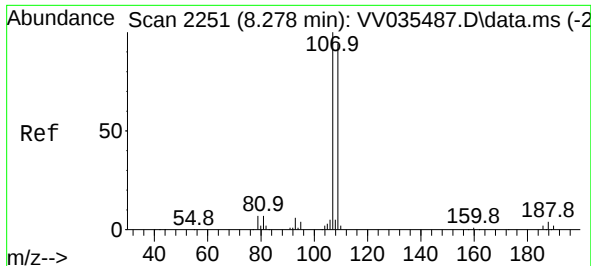
Tgt Ion: 43 Resp: 30193
Ion Ratio Lower Upper
43 100
58 58.7 50.8 76.2
57 17.8 17.6 26.4
100 15.0 12.0 18.0



#49
Dibromochloromethane
Concen: 4.884 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

Tgt Ion: 129 Resp: 19320
Ion Ratio Lower Upper
129 100
127 73.0 54.3 100.8

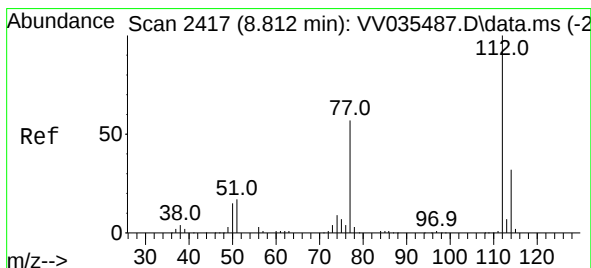
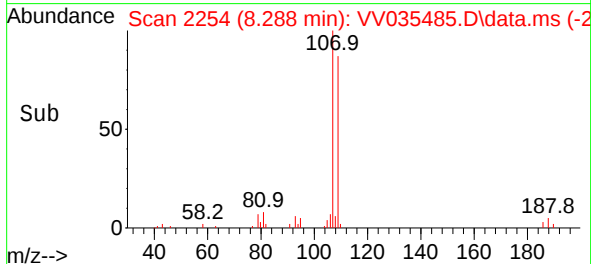
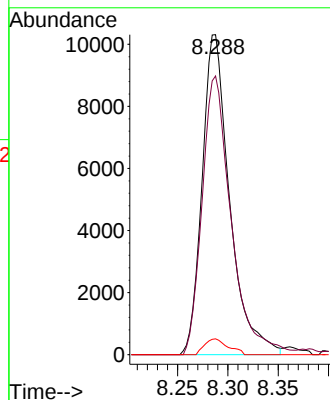
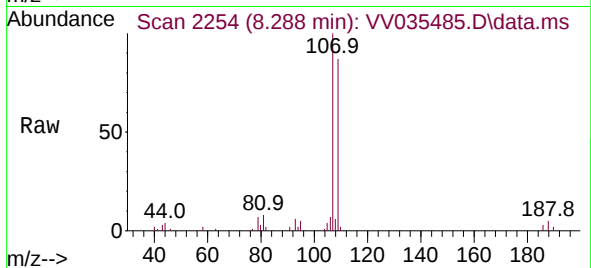




#50
1,2-Dibromoethane
Concen: 5.004 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

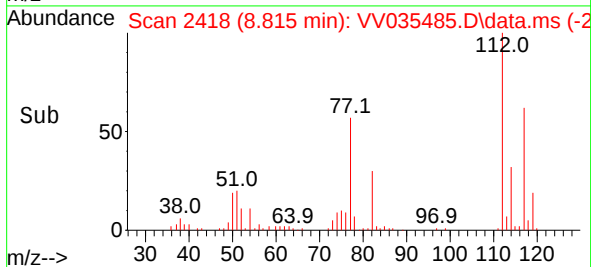
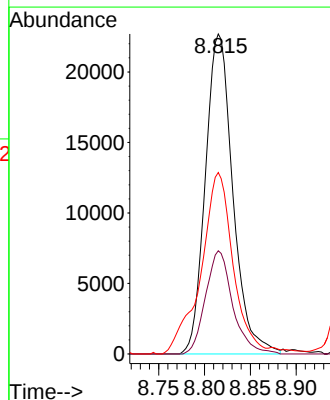
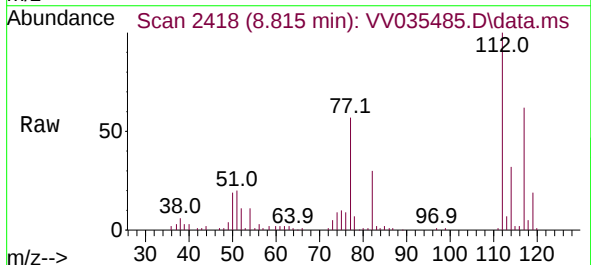
Instrument :
MSVOA_V
ClientSampleId :

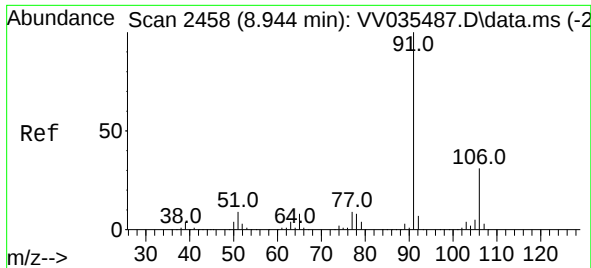
Tgt Ion:107 Resp: 19669
Ion Ratio Lower Upper
107 100
109 87.1 65.7 122.1
188 4.9 3.1 4.7#



#51
Chlorobenzene
Concen: 4.886 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

Tgt Ion:112 Resp: 47367
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 56.7 45.9 68.9

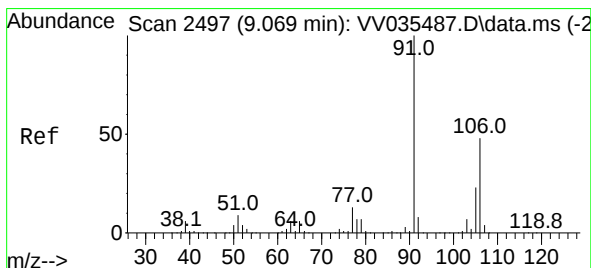
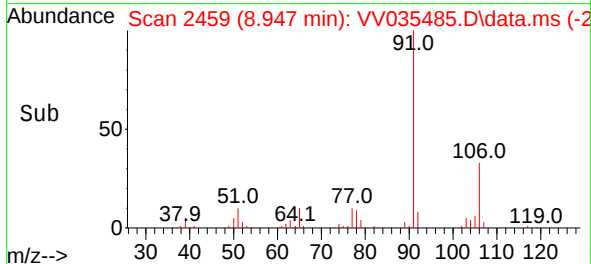
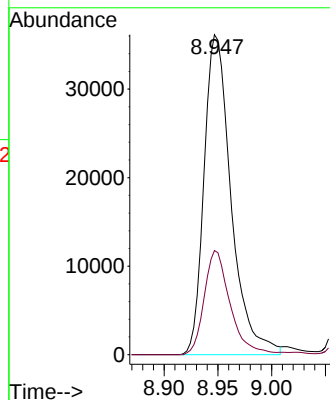
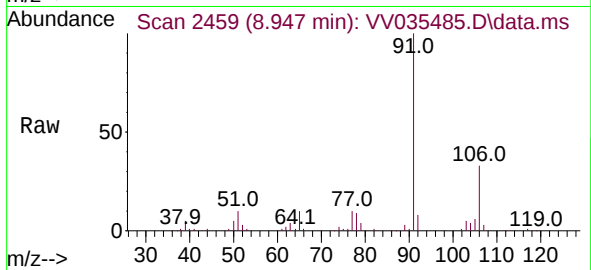




#52
Ethylbenzene
Concen: 4.216 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

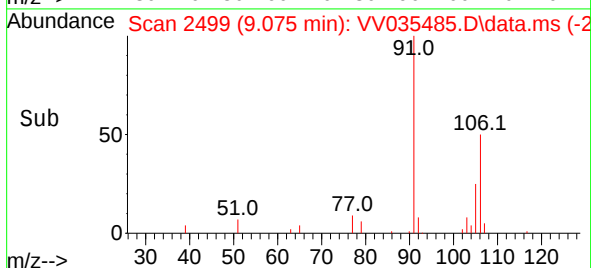
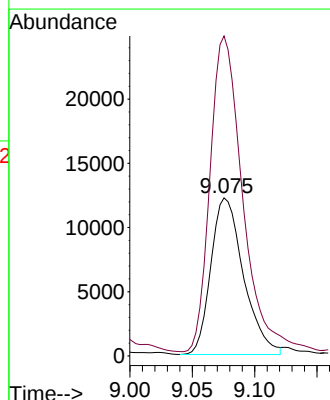
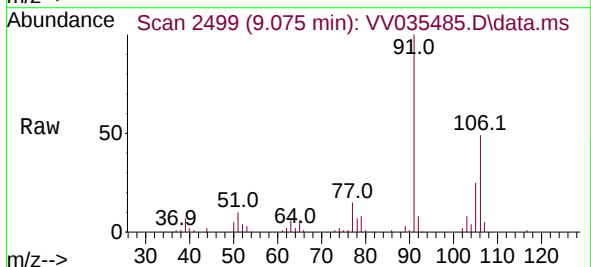
Instrument :
MSVOA_V
ClientSampleId :

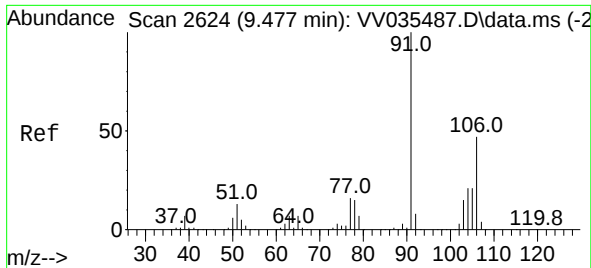
Tgt Ion: 91 Resp: 63275
Ion Ratio Lower Upper
91 100
106 32.5 21.6 40.0



#53
m,p-Xylene
Concen: 3.921 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.006 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

Tgt Ion: 106 Resp: 22223
Ion Ratio Lower Upper
106 100
91 202.4 144.8 268.8

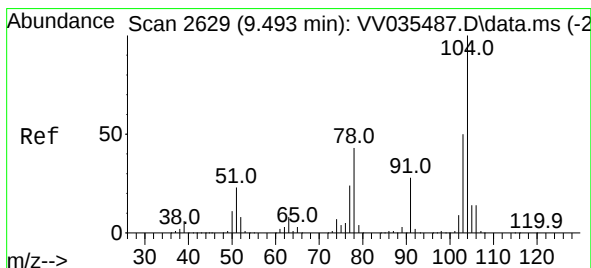
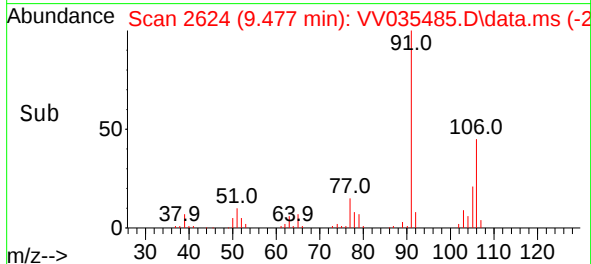
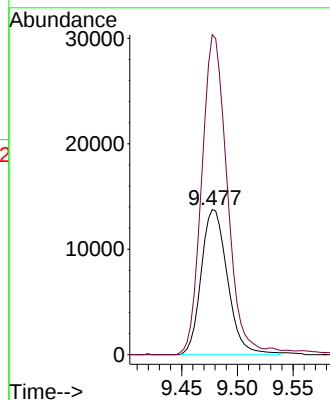
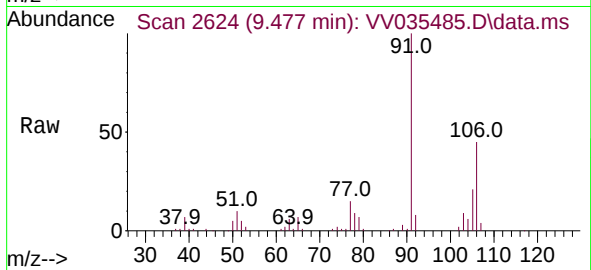




#54
o-Xylene
Concen: 4.056 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

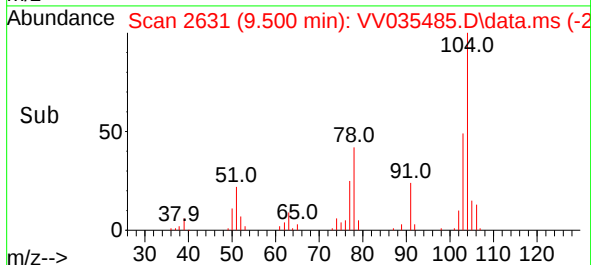
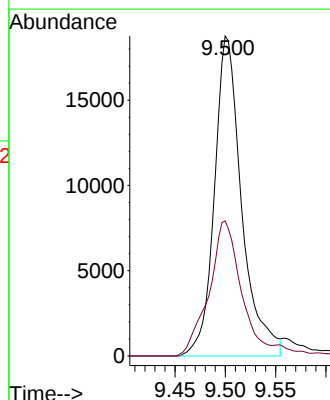
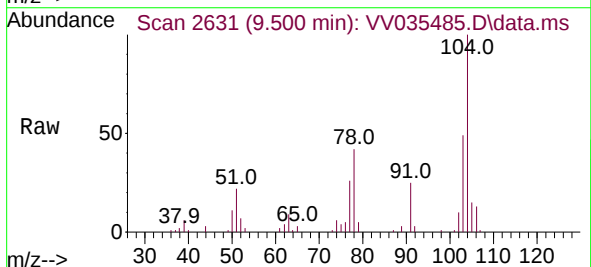
Instrument :
MSVOA_V
ClientSampleId :

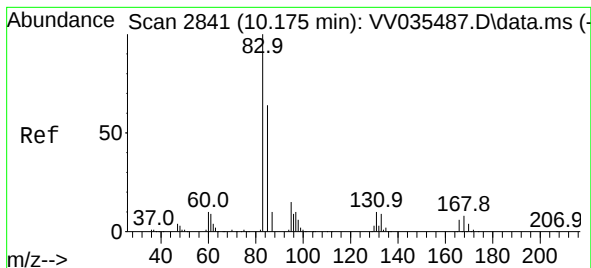
Tgt Ion:106 Resp: 22606
Ion Ratio Lower Upper
106 100
91 220.4 149.9 278.3



#55
Styrene
Concen: 3.685 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.006 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

Tgt Ion:104 Resp: 35389
Ion Ratio Lower Upper
104 100
78 42.2 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.149 ug/L

RT: 10.178 min Scan# 2841

Delta R.T. 0.003 min

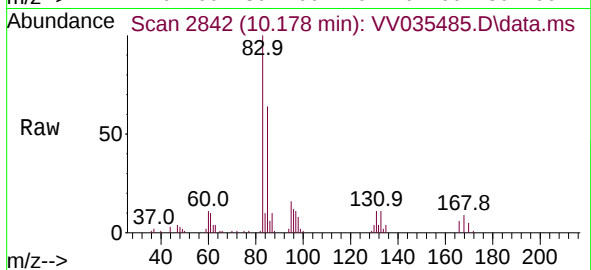
Lab File: VV035485.D

Acq: 01 May 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :



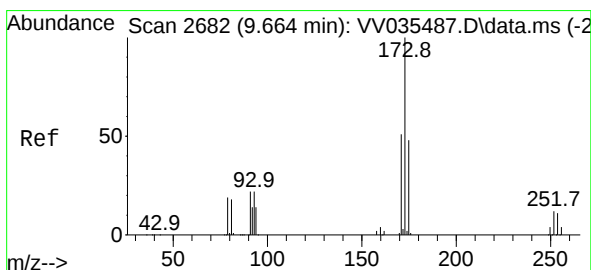
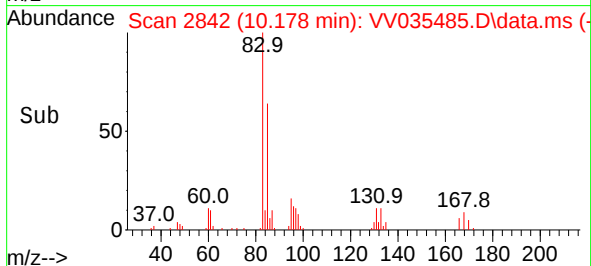
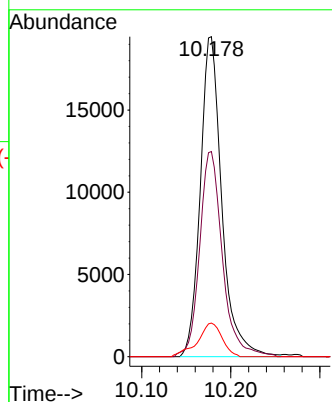
Tgt Ion: 83 Resp: 32676

Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.5

131 10.5 8.1 12.1



#59

Bromoform

Concen: 4.998 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.003 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

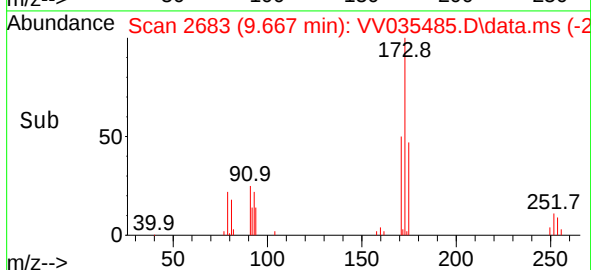
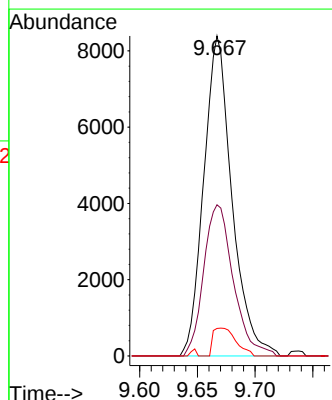
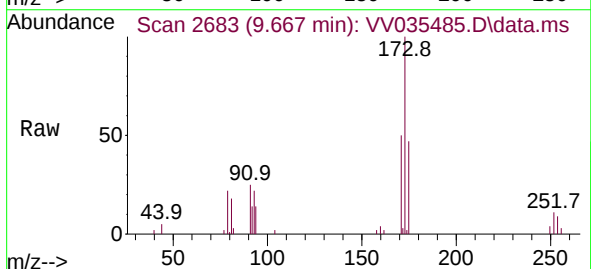
Tgt Ion: 173 Resp: 14256

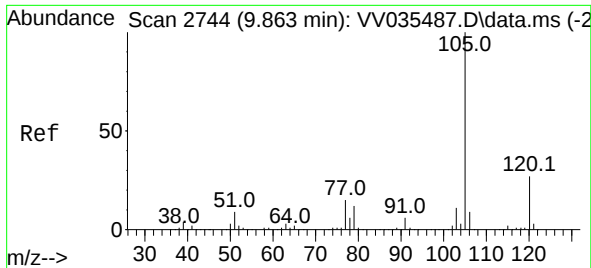
Ion Ratio Lower Upper

173 100

175 49.5 39.0 58.6

254 7.0 8.5 12.7#

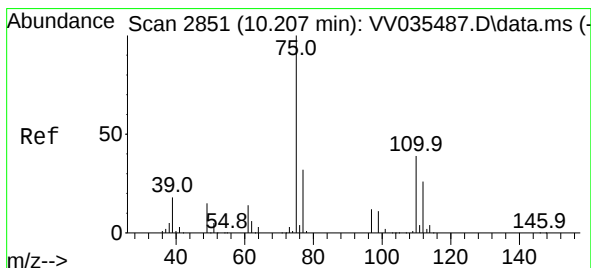
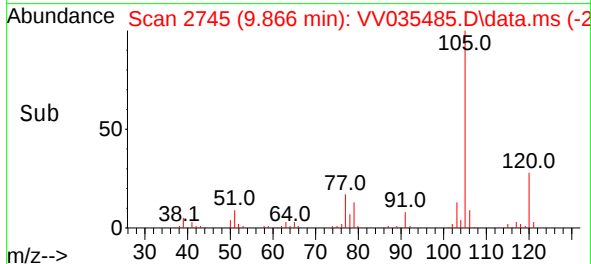
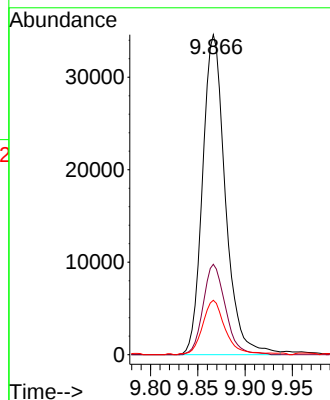
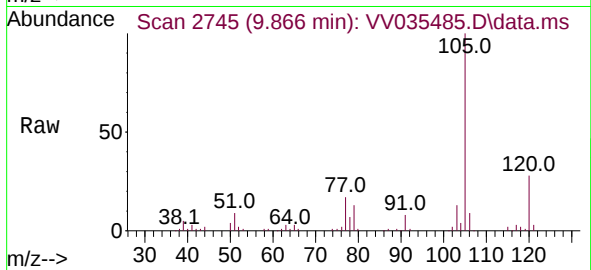




#60
Isopropylbenzene
Concen: 4.312 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

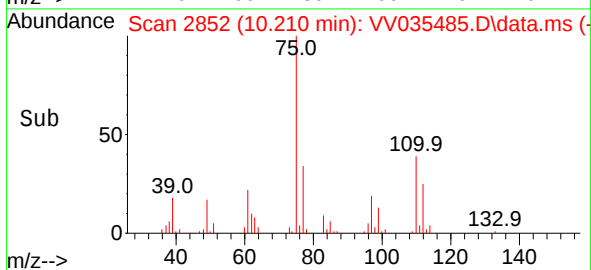
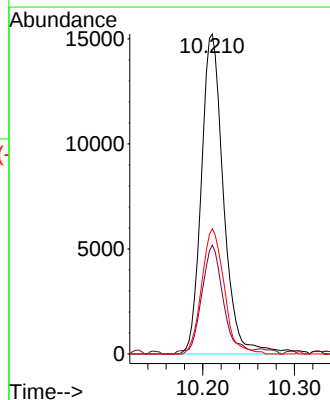
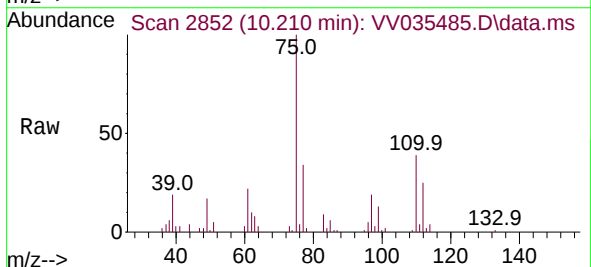
Instrument :
MSVOA_V
ClientSampleId :

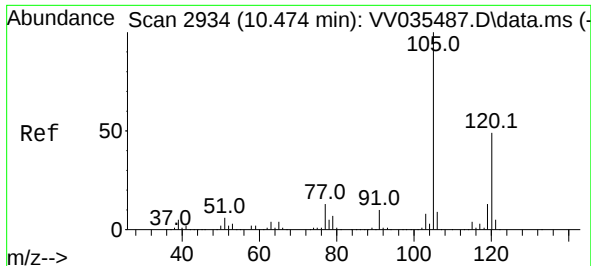
Tgt Ion:105 Resp: 58077
Ion Ratio Lower Upper
105 100
120 27.6 21.5 32.3
77 16.9 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.717 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

Tgt Ion: 75 Resp: 25519
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.6
110 39.7 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 4.078 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

Instrument :

MSVOA_V

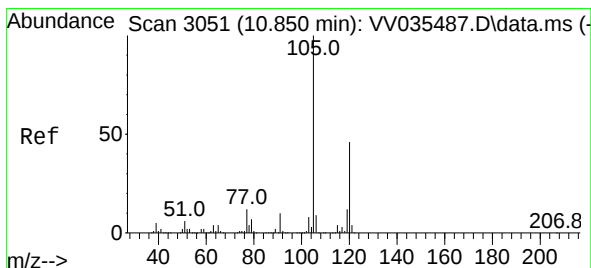
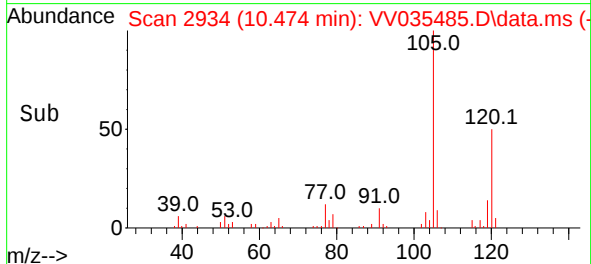
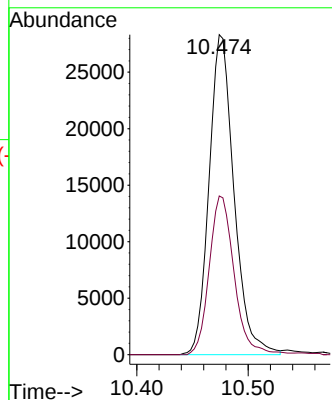
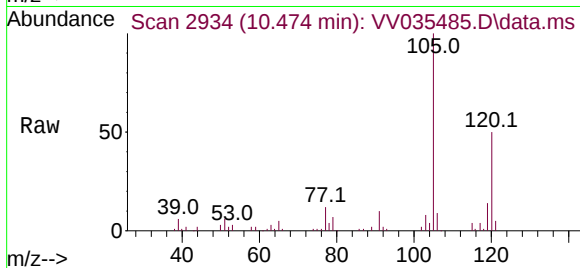
ClientSampleId :

Tgt Ion:105 Resp: 44059

Ion Ratio Lower Upper

105 100

120 49.4 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 4.059 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035485.D

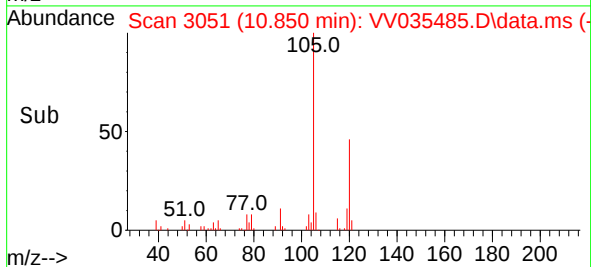
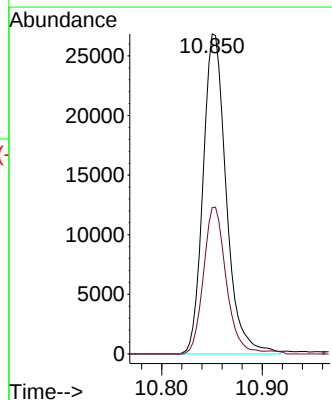
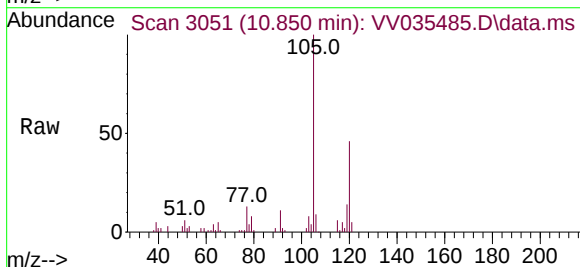
Acq: 01 May 2024 10:08

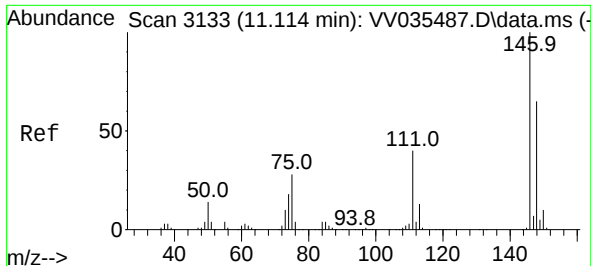
Tgt Ion:105 Resp: 43017

Ion Ratio Lower Upper

105 100

120 44.9 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 4.891 ug/L

RT: 11.120 min Scan# 3133

Delta R.T. 0.006 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :

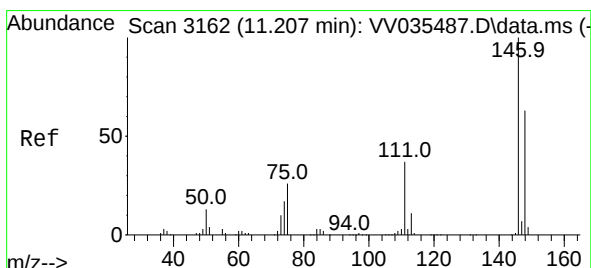
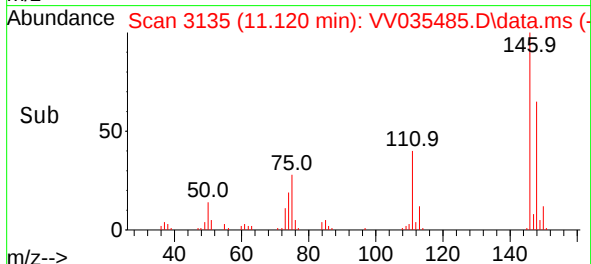
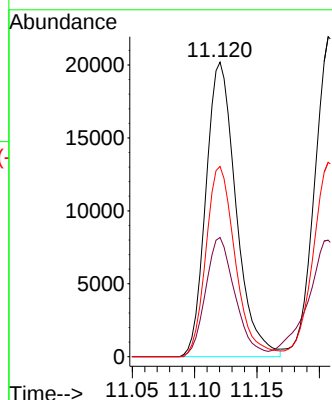
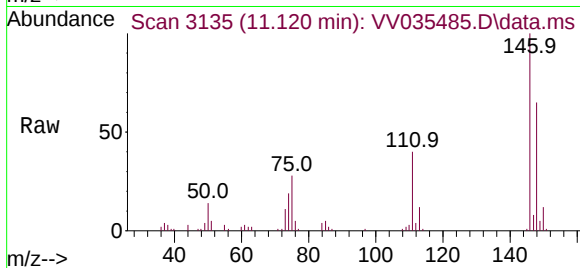
Tgt Ion:146 Resp: 33924

Ion Ratio Lower Upper

146 100

111 40.5 27.9 51.7

148 64.6 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 5.387 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

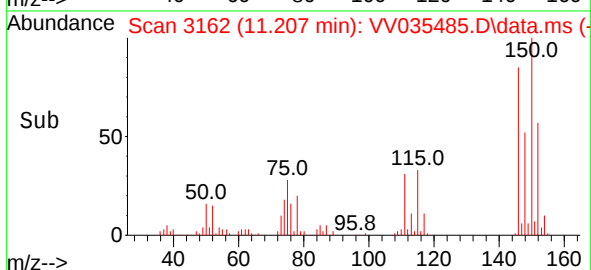
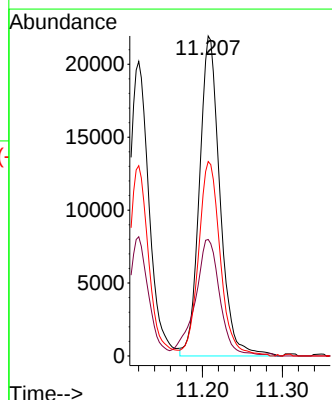
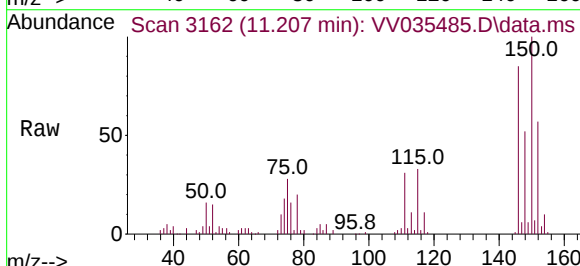
Tgt Ion:146 Resp: 39292

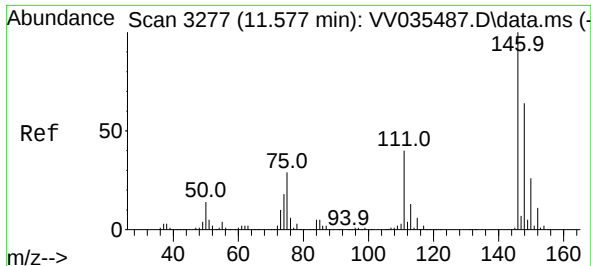
Ion Ratio Lower Upper

146 100

111 36.4 26.4 49.0

148 60.7 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.067 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :

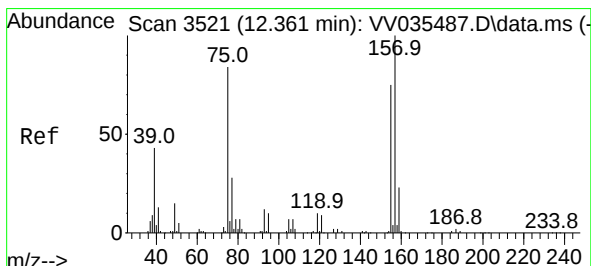
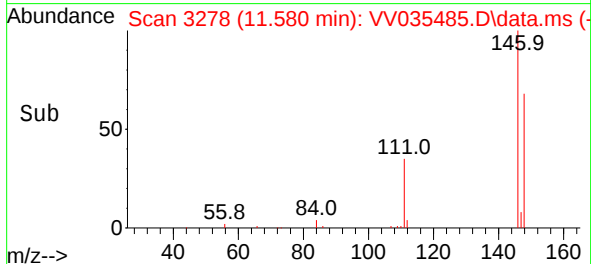
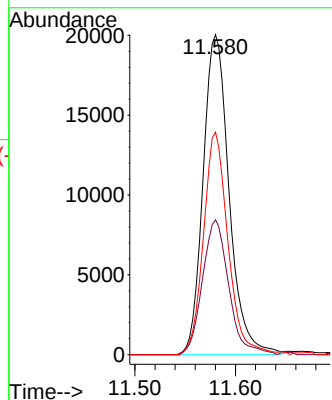
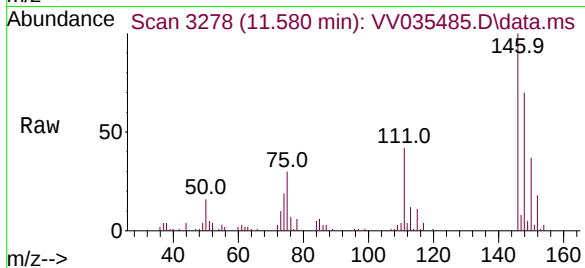
Tgt Ion:146 Resp: 36075

Ion Ratio Lower Upper

146 100

111 42.1 32.1 48.1

148 69.5 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 6.963 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

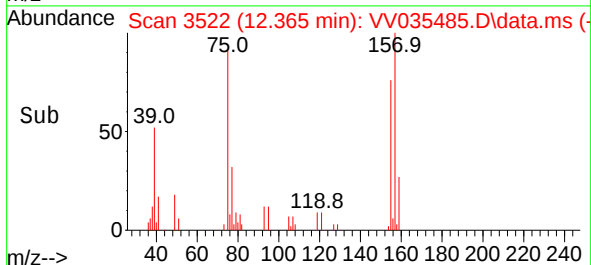
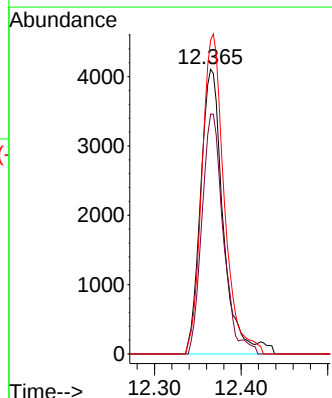
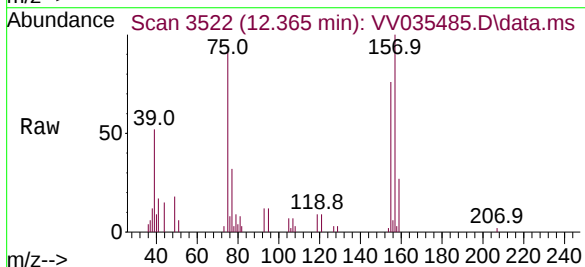
Tgt Ion: 75 Resp: 7435

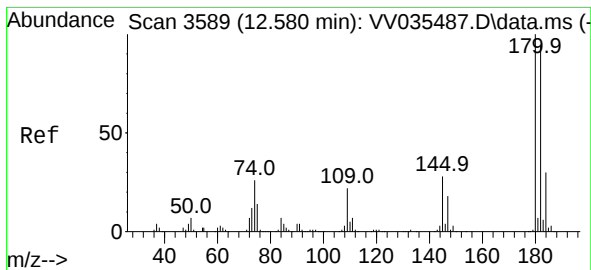
Ion Ratio Lower Upper

75 100

155 84.2 71.4 107.2

157 110.2 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 5.156 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

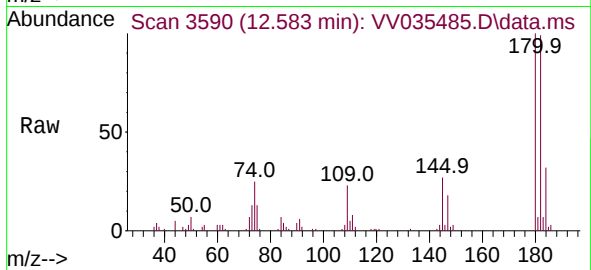
Lab File: VV035485.D

Acq: 01 May 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 25765

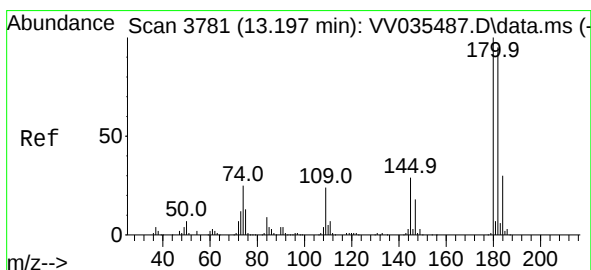
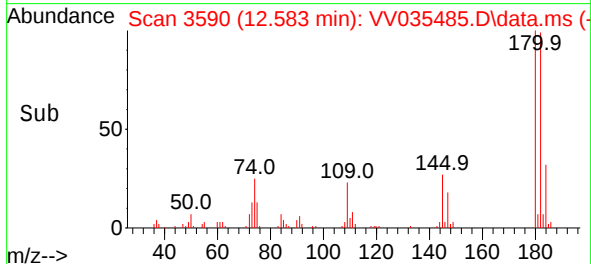
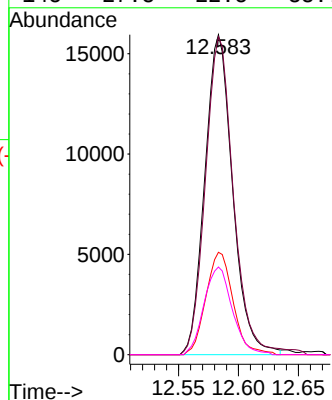
Ion Ratio Lower Upper

180 100

182 99.6 75.7 113.5

184 31.2 24.1 36.1

145 27.8 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 5.610 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV035485.D

Acq: 01 May 2024 10:08

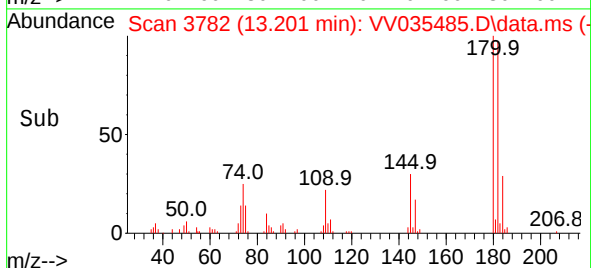
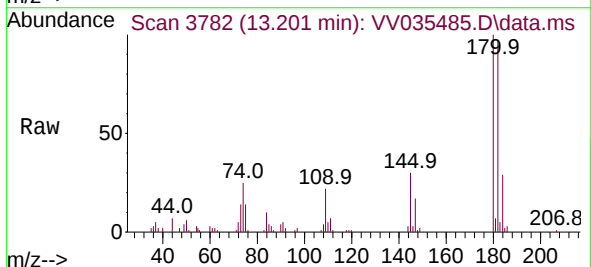
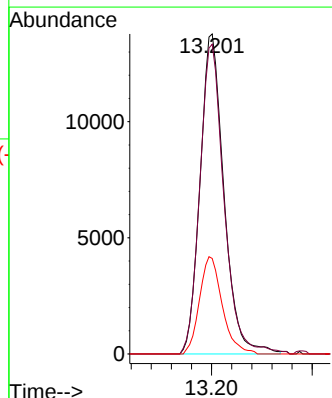
Tgt Ion:180 Resp: 22658

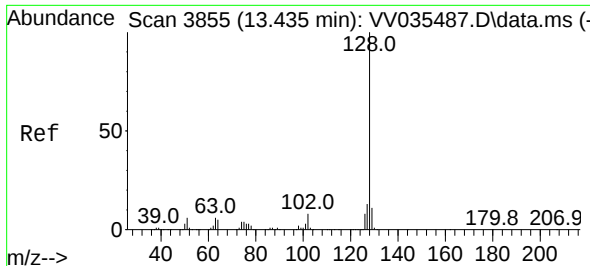
Ion Ratio Lower Upper

180 100

182 96.7 75.7 113.5

145 29.0 23.0 34.4

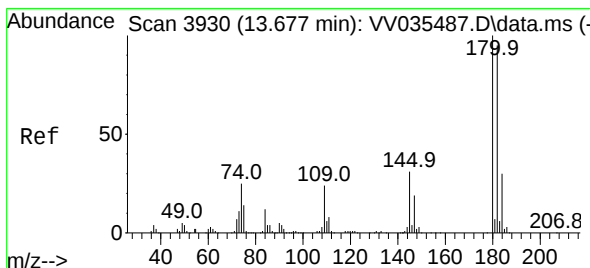
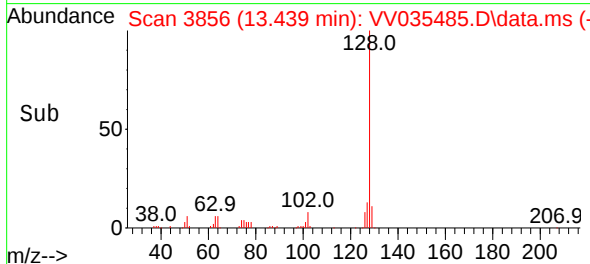
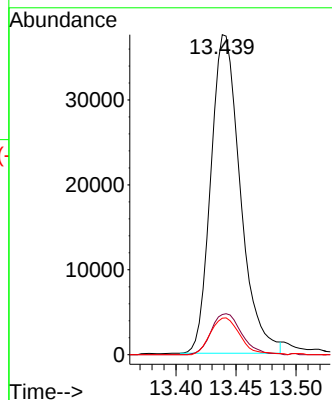
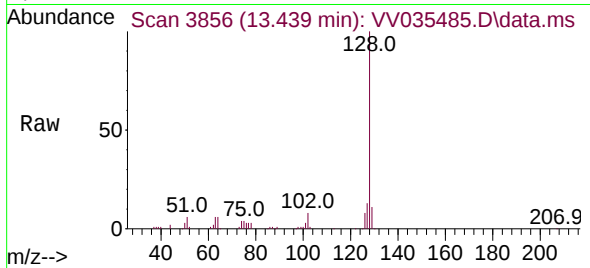




#71
Naphthalene
Concen: 6.854 ug/L
RT: 13.439 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 64116
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 11.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 6.191 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035485.D
Acq: 01 May 2024 10:08

Tgt Ion:180 Resp: 24622
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.2
145 29.6 24.9 37.3

