

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
 Data File : VV036489.D
 Acq On : 11 Jul 2024 10:27
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 12 01:09:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 12 01:09:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	275188	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	285267	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	141967	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	10534	2.672	ug/L	0.00
7) Chloroethane-d5	1.529	69	9440	2.739	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	5616	2.774	ug/L	0.00
21) 2-Butanone-d5	3.921	46	482	0.714	ug/L	0.07
24) Chloroform-d	4.246	84	22007	2.747	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.954	65	10727	2.700	ug/L	0.02
32) Benzene-d6	4.960	84	34821	2.447	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	11126	2.356	ug/L	0.00
41) Toluene-d8	7.246	98	28619	2.179	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	3919	2.222	ug/L	0.01
47) 2-Hexanone-d5	8.178	63	134	0.278	ug/L	0.15
56) 1,1,2,2-Tetrachloroeth...	10.153	84	10056	2.815	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	13460	2.794	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.102	85	12964	3.251	ug/L	99
3) Chloromethane	1.211	50	10831	3.384	ug/L	100
5) Vinyl chloride	1.278	62	12206	3.099	ug/L	97
6) Bromomethane	1.484	94	10234	3.221	ug/L	99
8) Chloroethane	1.545	64	8408	3.086	ug/L	92
9) Trichlorofluoromethane	1.706	101	21017	3.007	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	14385	3.052	ug/L	99
12) 1,1-Dichloroethene	2.063	96	12819	3.153	ug/L	79
13) Acetone	2.163	43	225	0.198	ug/L #	1
14) Carbon disulfide	2.233	76	31170	3.415	ug/L	100
15) Methyl Acetate	2.388	43	1994	1.580	ug/L	91
16) Methylene chloride	2.442	84	21351	3.772	ug/L	95
17) trans-1,2-Dichloroethene	2.690	96	10948	2.963	ug/L	94
18) Methyl tert-butyl Ether	2.703	73	20007	2.417	ug/L	97
19) 1,1-Dichloroethane	3.105	63	18761	2.806	ug/L	100
20) cis-1,2-Dichloroethene	3.822	96	9787	2.507	ug/L	99
22) 2-Butanone	3.931	43	117	0.158	ug/L #	70
23) Bromochloromethane	4.153	128	5900	2.705	ug/L	94
25) Chloroform	4.275	83	22020	2.773	ug/L	100
27) 1,2-Dichloroethane	5.050	62	10957	2.457	ug/L #	92
29) Cyclohexane	4.574	56	9091	2.505	ug/L #	91
30) 1,1,1-Trichloroethane	4.507	97	18845	2.842	ug/L	99
31) Carbon tetrachloride	4.728	117	16993	2.889	ug/L	100
33) Benzene	5.011	78	36412	2.579	ug/L	100
34) Trichloroethene	5.838	95	11997	2.671	ug/L	95
35) Methylcyclohexane	6.043	83	12664	2.470	ug/L	95
37) 1,2-Dichloropropane	6.092	63	8620	2.419	ug/L #	94
38) Bromodichloromethane	6.436	83	15476	2.741	ug/L	95
39) cis-1,3-Dichloropropene	6.963	75	12223	2.225	ug/L	95
40) 4-Methyl-2-pentanone	7.175	43	5385	3.499	ug/L	93
42) Toluene	7.317	91	33029	2.208	ug/L	98
44) trans-1,3-Dichloropropene	7.593	75	10550	2.154	ug/L	97

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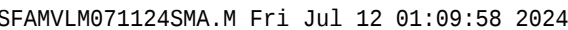
Quant Time: Jul 12 01:09:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 12 01:09:21 2024
 Response via : Initial Calibration

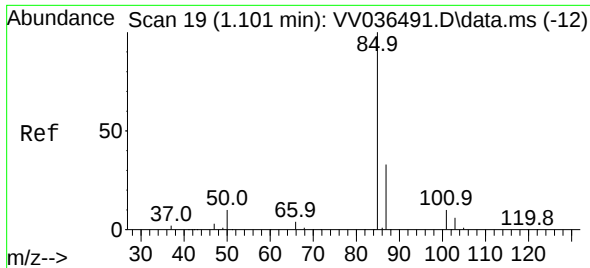
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.773	97	9183	2.616	ug/L	95
46) Tetrachloroethene	7.905	164	9852	2.712	ug/L	95
48) 2-Hexanone	8.072	43	207	0.172	ug/L #	34
49) Dibromochloromethane	8.175	129	11100	2.615	ug/L	98
50) 1,2-Dibromoethane	8.288	107	8423	2.556	ug/L	99
51) Chlorobenzene	8.815	112	29090	2.597	ug/L	98
52) Ethylbenzene	8.947	91	33967	2.117	ug/L	98
53) m,p-Xylene	9.076	106	12071	1.954	ug/L	90
54) o-Xylene	9.477	106	11477	1.951	ug/L	96
55) Styrene	9.500	104	17843	1.707	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	8680	2.708	ug/L	98
59) Bromoform	9.667	173	6823	2.712	ug/L #	92
60) Isopropylbenzene	9.863	105	30751	2.168	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	7186	2.845	ug/L	95
62) 1,3,5-Trimethylbenzene	10.474	105	20768	2.045	ug/L	94
63) 1,2,4-Trimethylbenzene	10.850	105	21293	1.927	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	21509	2.565	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	25056	2.783	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	21003	2.607	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	1448	2.650	ug/L	90
69) 1,3,5-Trichlorobenzene	12.583	180	16459	2.535	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	12439	2.409	ug/L	99
71) Naphthalene	13.442	128	16247	2.095	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	11151	2.283	ug/L	96

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

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Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
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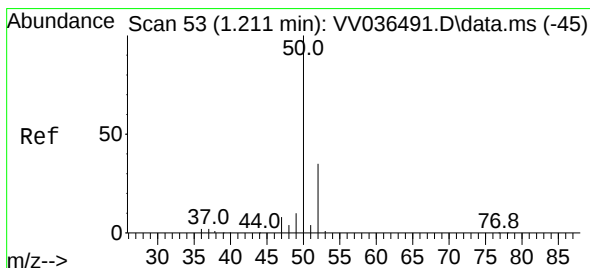
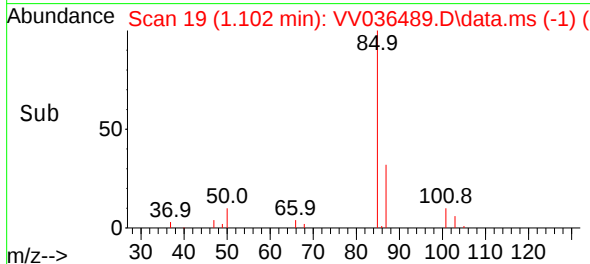
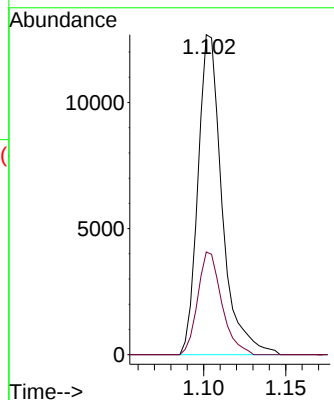
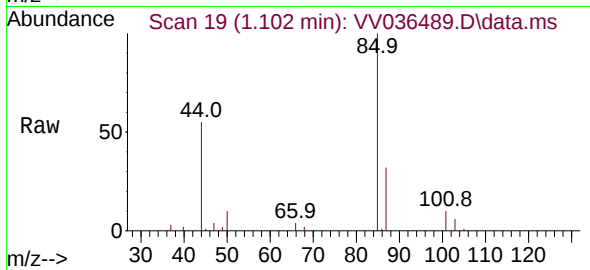




#2
Dichlorodifluoromethane
Concen: 3.251 ug/L
RT: 1.102 min Scan# 19
Delta R.T. 0.000 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

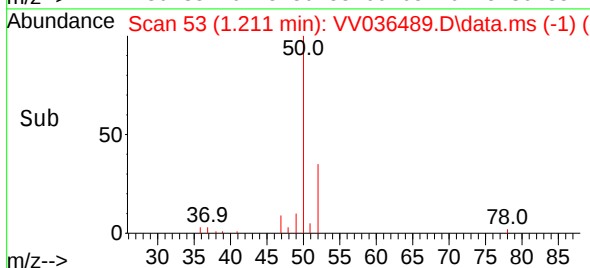
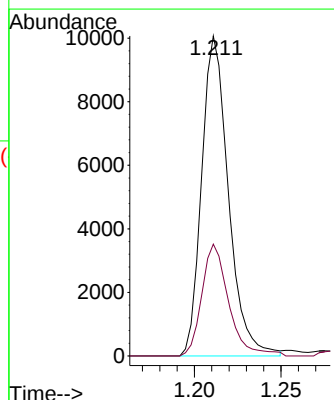
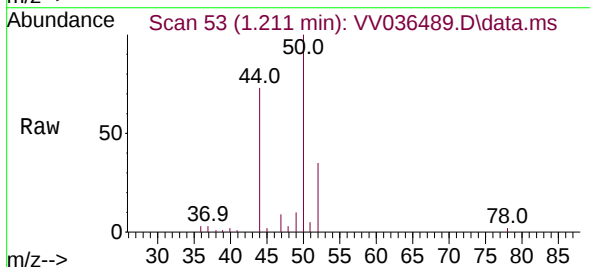
Instrument :
MSVOA_V
ClientSampleId :

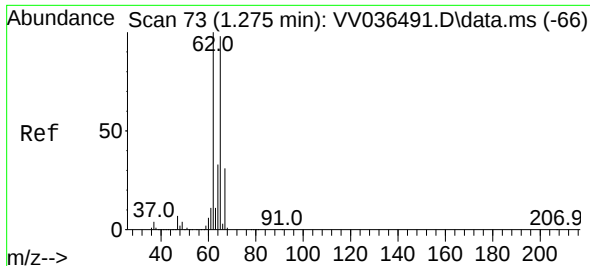
Tgt Ion: 85 Resp: 12964
Ion Ratio Lower Upper
85 100
87 32.0 26.2 39.2



#3
Chloromethane
Concen: 3.384 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Tgt Ion: 50 Resp: 10831
Ion Ratio Lower Upper
50 100
52 35.0 24.4 45.4

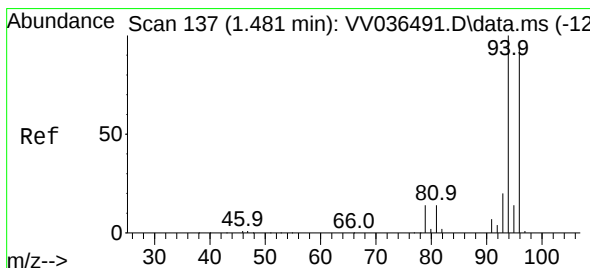
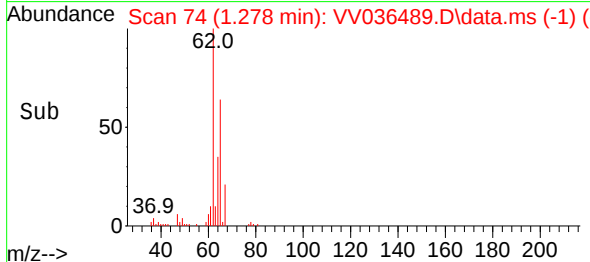
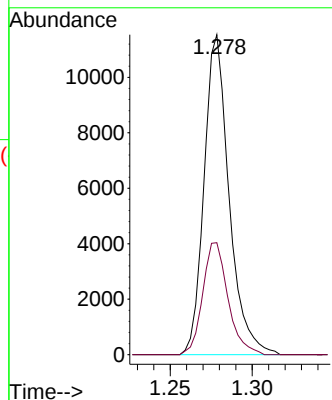
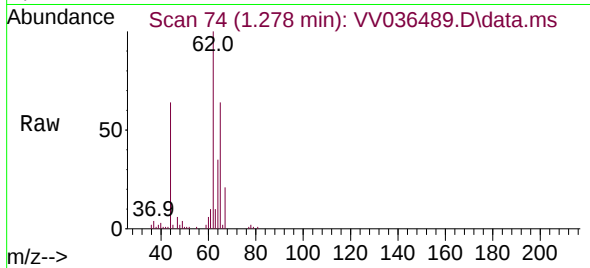




#5
 Vinyl chloride
 Concen: 3.099 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV036489.D
 Acq: 11 Jul 2024 10:27

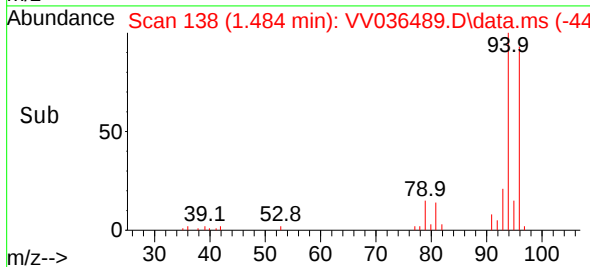
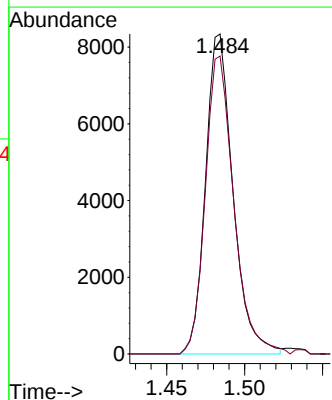
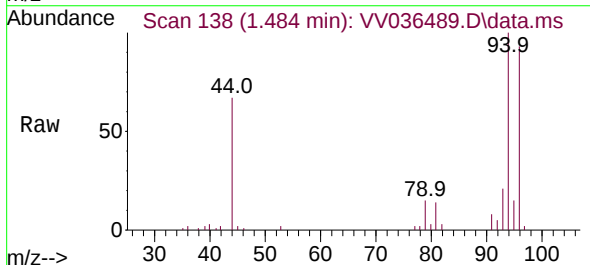
Instrument :
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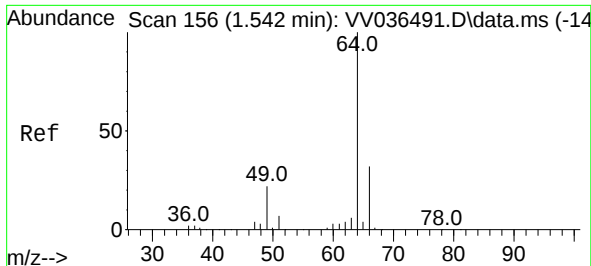
Tgt Ion: 62 Resp: 12206
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.4 43.4



#6
 Bromomethane
 Concen: 3.221 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.003 min
 Lab File: VV036489.D
 Acq: 11 Jul 2024 10:27

Tgt Ion: 94 Resp: 10234
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.6 121.8

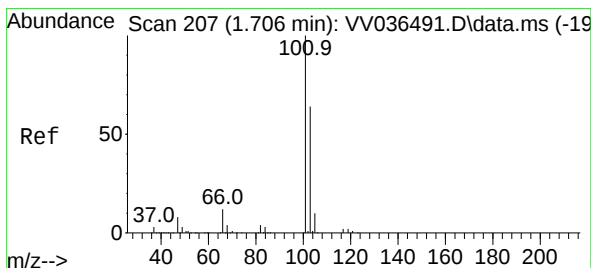
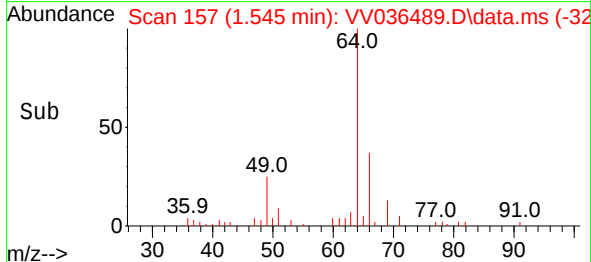
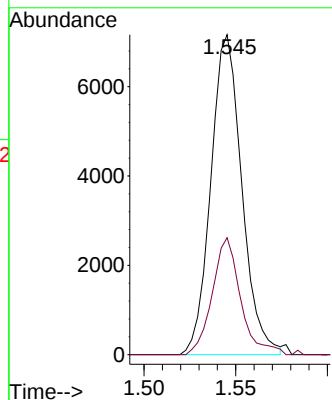
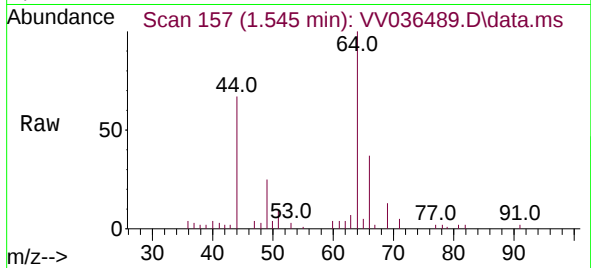




#8
Chloroethane
Concen: 3.086 ug/L
RT: 1.545 min Scan# 156
Delta R.T. 0.003 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

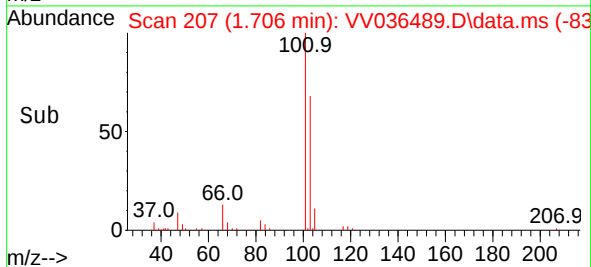
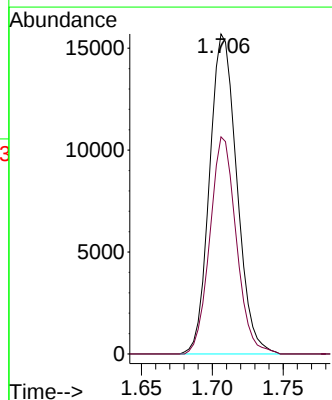
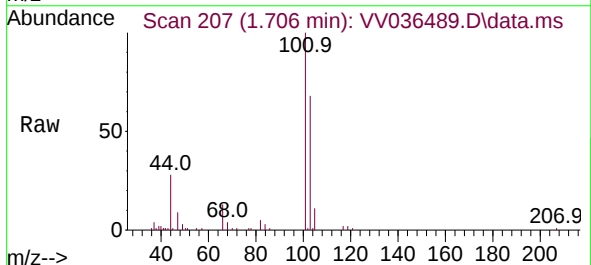
Instrument :
MSVOA_V
ClientSampleId :

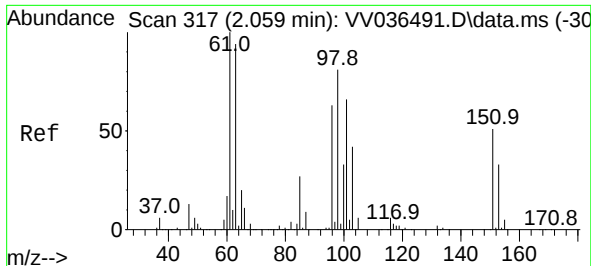
Tgt Ion: 64 Resp: 8408
Ion Ratio Lower Upper
64 100
66 36.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.007 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Tgt Ion:101 Resp: 21017
Ion Ratio Lower Upper
101 100
103 65.7 51.9 77.9





#10

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

Concen: 3.052 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

Instrument :

MSVOA_V

ClientSampleId :

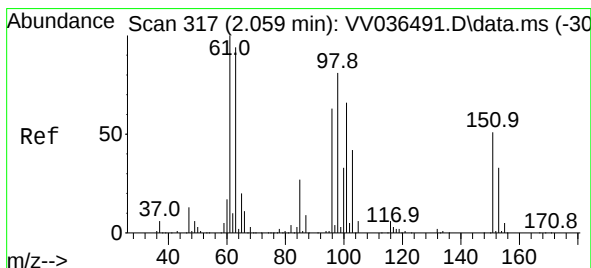
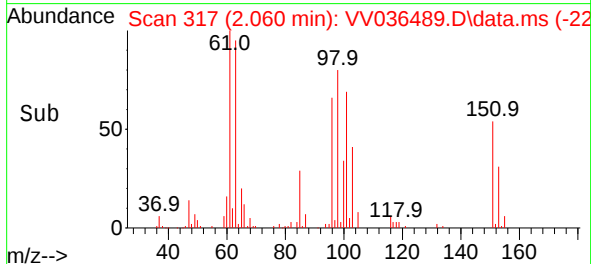
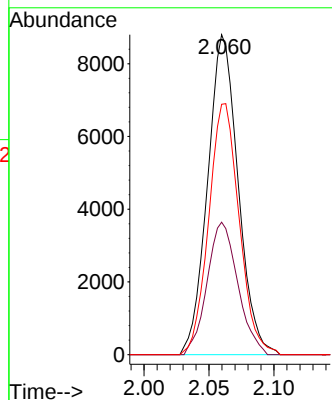
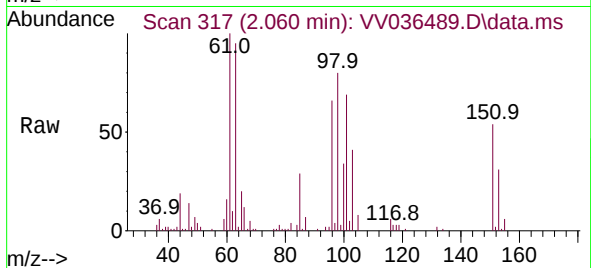
Tgt Ion:101 Resp: 14385

Ion Ratio Lower Upper

101 100

85 41.6 32.5 48.7

151 78.3 62.6 94.0



#12

1,1-Dichloroethene

Concen: 3.153 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.003 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

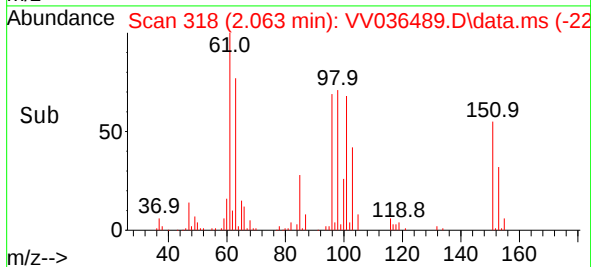
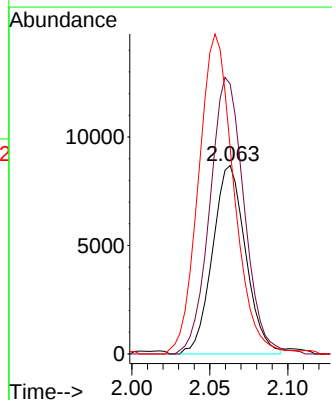
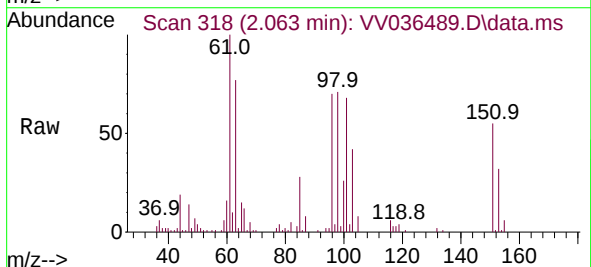
Tgt Ion: 96 Resp: 12819

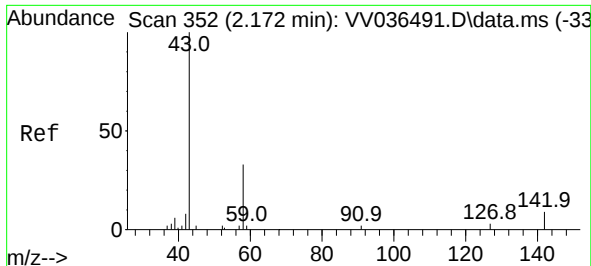
Ion Ratio Lower Upper

96 100

61 143.3 110.8 205.8

63 109.6 103.9 192.9

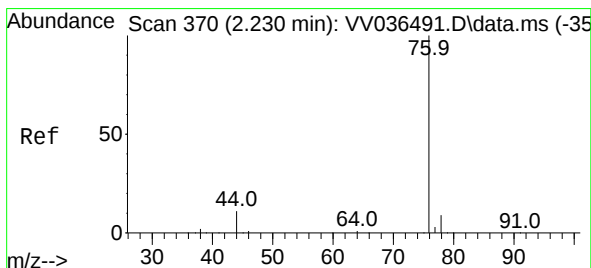
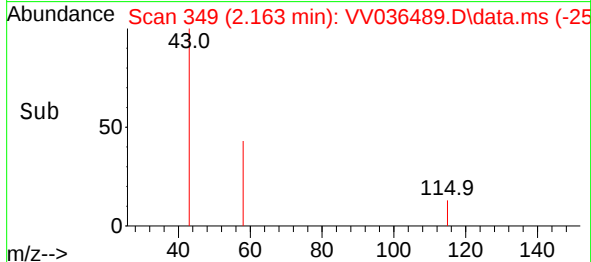
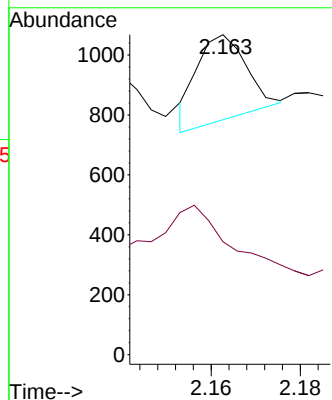
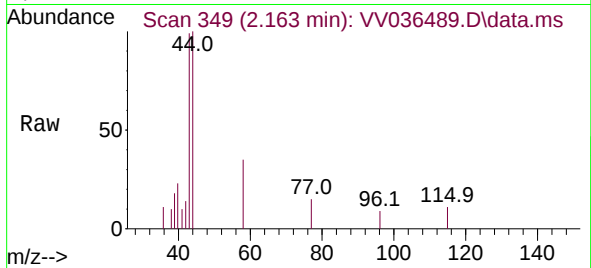




#13
Acetone
Concen: 0.198 ug/L
RT: 2.163 min Scan# 349
Delta R.T. -0.009 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

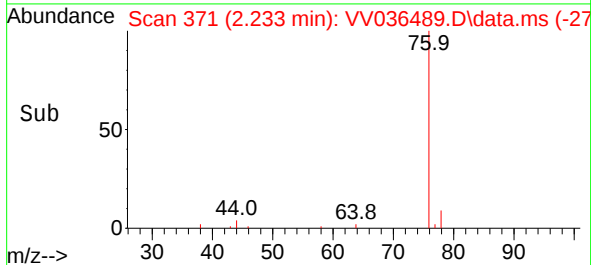
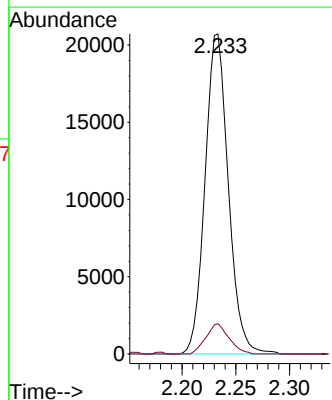
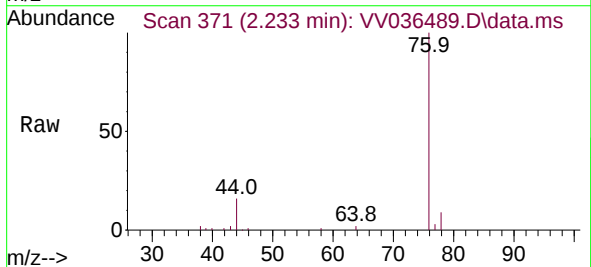
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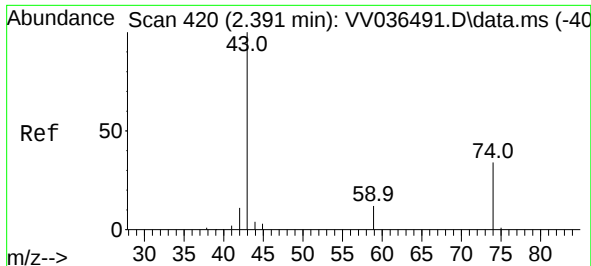
Tgt Ion: 43 Resp: 225
Ion Ratio Lower Upper
43 100
58 468.9 0.0 28.4#



#14
Carbon disulfide
Concen: 3.415 ug/L
RT: 2.233 min Scan# 371
Delta R.T. 0.003 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Tgt Ion: 76 Resp: 31170
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

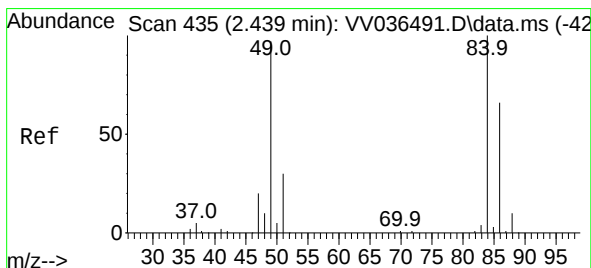
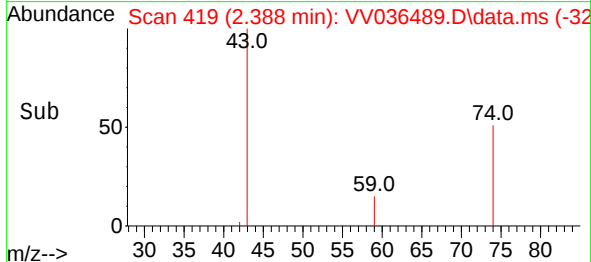
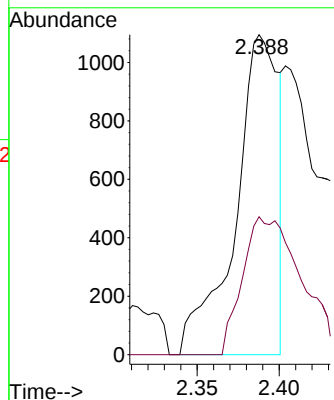
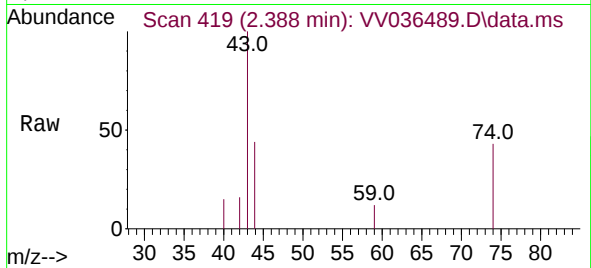




#15
Methyl Acetate
Concen: 1.580 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

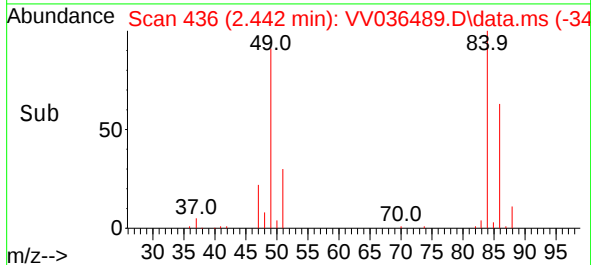
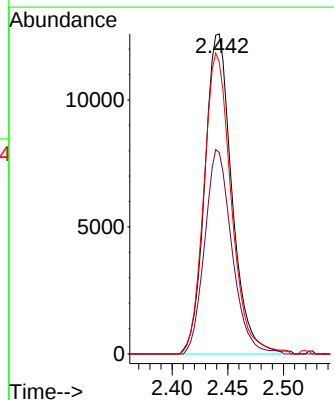
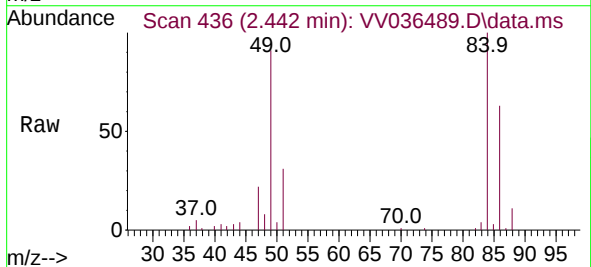
Instrument :
MSVOA_V
ClientSampleId :

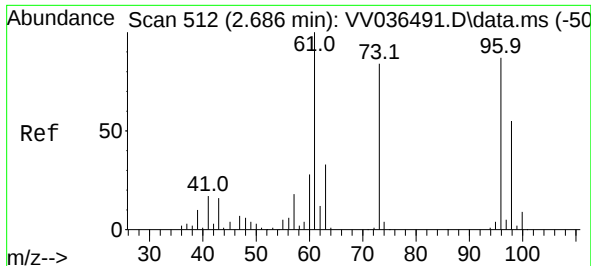
Tgt Ion: 43 Resp: 1994
Ion Ratio Lower Upper
43 100
74 28.0 26.3 39.5



#16
Methylene chloride
Concen: 3.772 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Tgt Ion: 84 Resp: 21351
Ion Ratio Lower Upper
84 100
86 63.0 46.3 86.1
49 91.2 68.1 126.5





#17

trans-1,2-Dichloroethene

Concen: 2.963 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

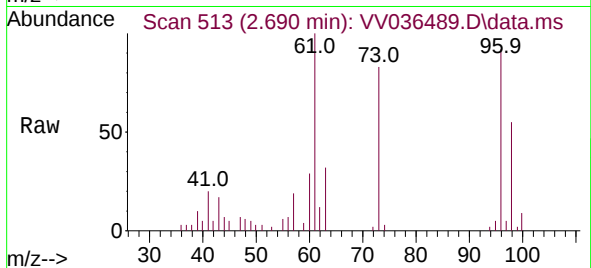
Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

Instrument :

MSVOA_V

ClientSampleId :



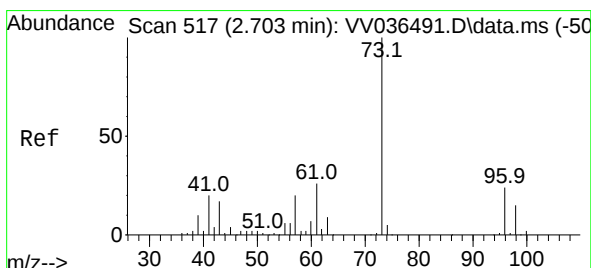
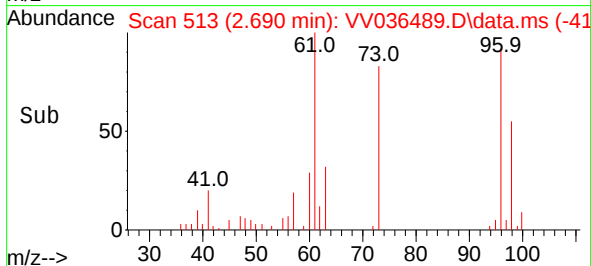
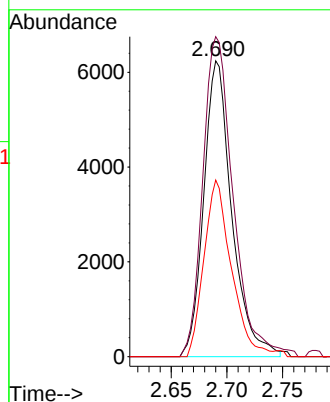
Tgt Ion: 96 Resp: 10948

Ion Ratio Lower Upper

96 100

61 108.2 80.7 149.9

98 59.7 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 2.417 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

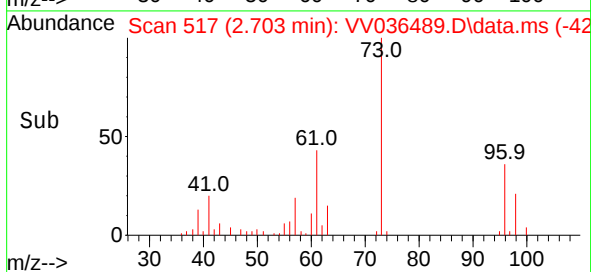
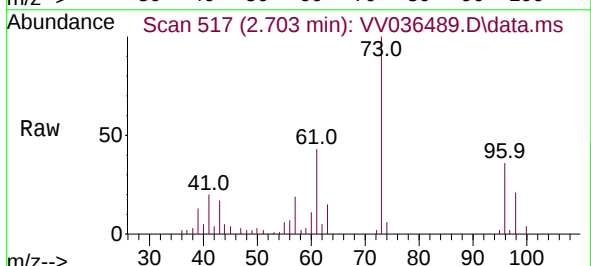
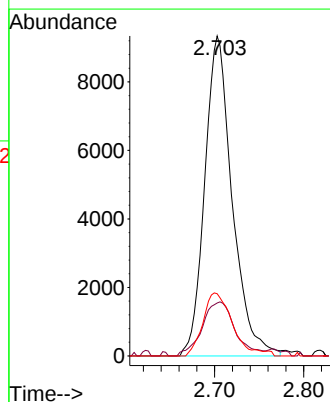
Tgt Ion: 73 Resp: 20007

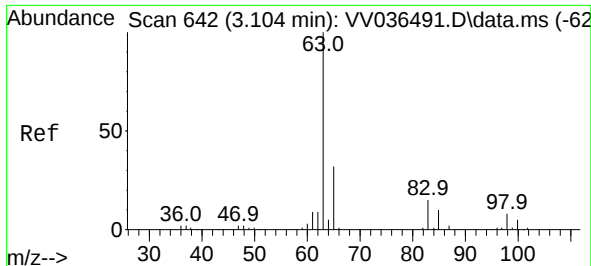
Ion Ratio Lower Upper

73 100

43 20.3 14.3 21.5

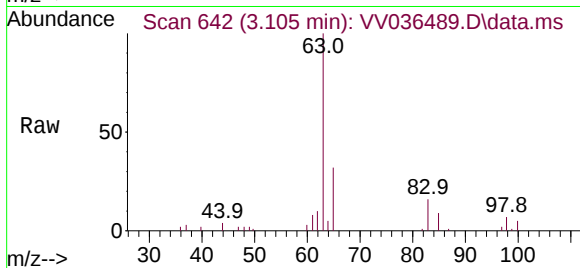
57 20.3 16.5 24.7



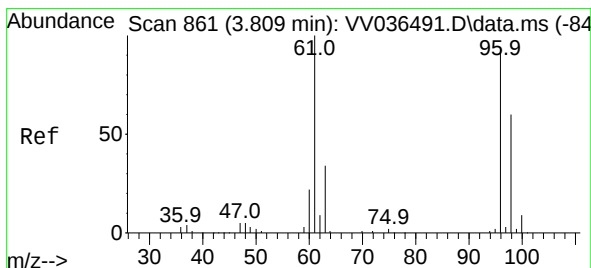
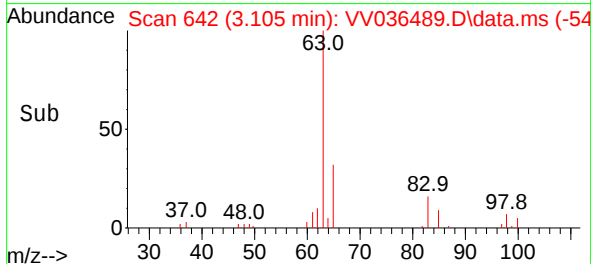
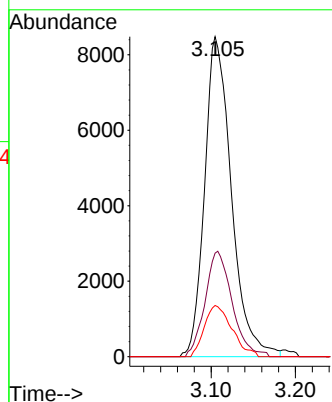


#19
1,1-Dichloroethane
Concen: 2.806 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Instrument :
MSVOA_V
ClientSampleId :

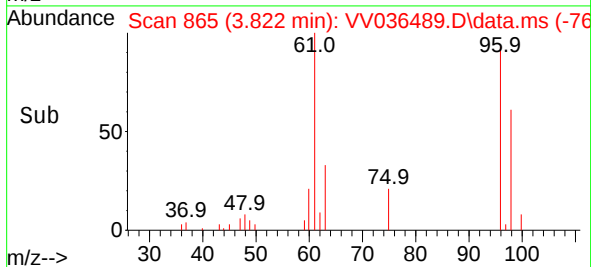
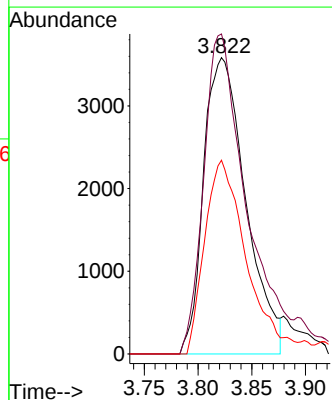
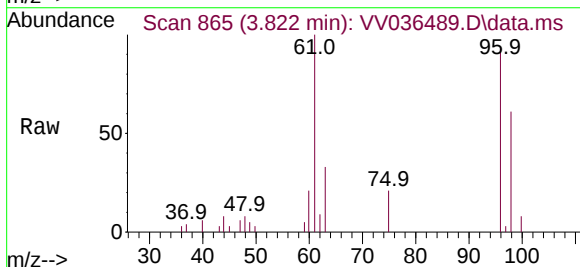


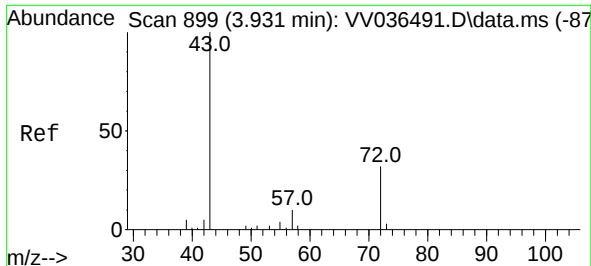
Tgt Ion: 63 Resp: 18761
Ion Ratio Lower Upper
63 100
65 32.4 22.7 42.1
83 16.0 10.9 20.2



#20
cis-1,2-Dichloroethene
Concen: 2.507 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.013 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Tgt Ion: 96 Resp: 9787
Ion Ratio Lower Upper
96 100
61 108.0 74.8 138.8
98 65.4 45.2 84.0





#22

2-Butanone

Concen: 0.158 ug/L

RT: 3.931 min Scan# 899

Delta R.T. 0.000 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

Instrument :

MSVOA_V

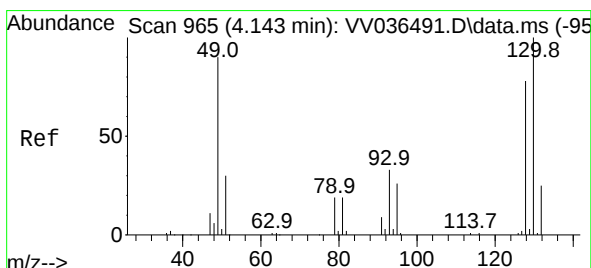
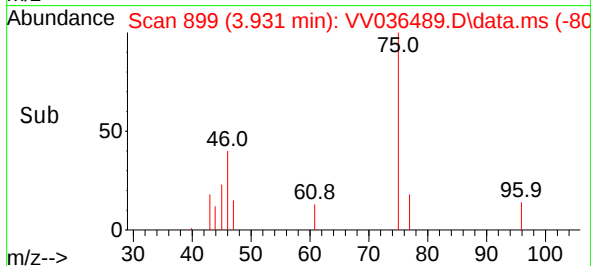
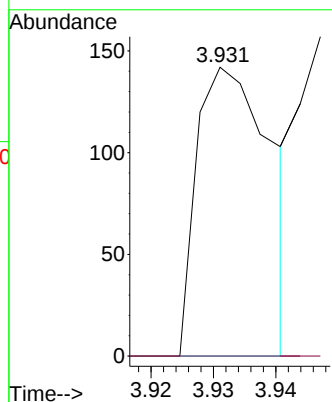
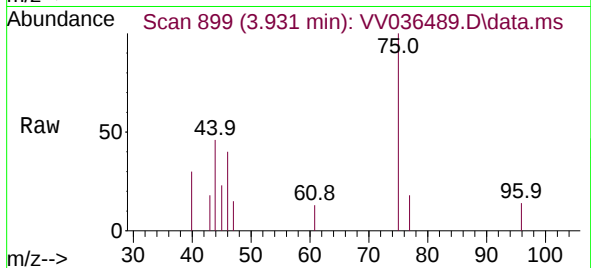
ClientSampleId :

Tgt Ion: 43 Resp: 117

Ion Ratio Lower Upper

43 100

72 0.0 5.9 17.6#



#23

Bromochloromethane

Concen: 2.705 ug/L

RT: 4.153 min Scan# 968

Delta R.T. 0.010 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

Tgt Ion: 128 Resp: 5900

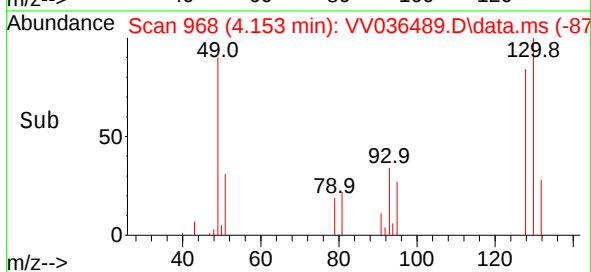
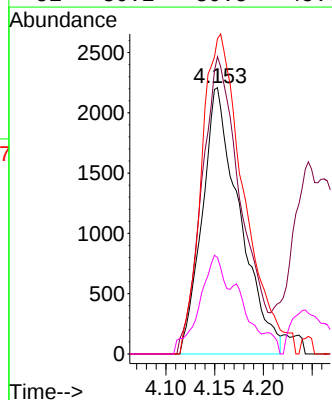
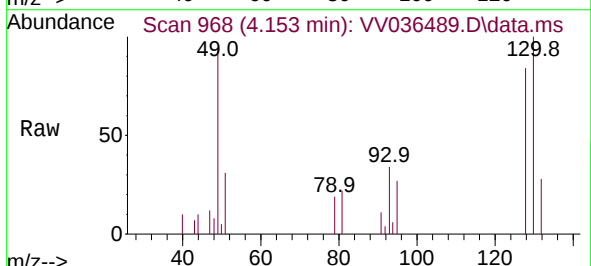
Ion Ratio Lower Upper

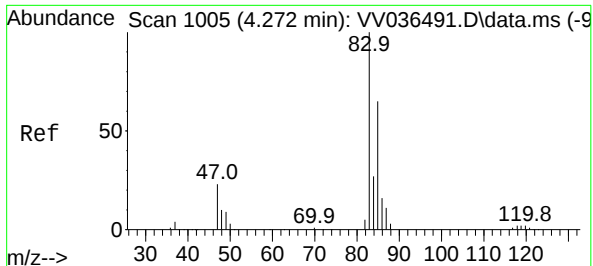
128 100

49 111.7 80.7 149.9

130 118.4 89.9 167.0

51 36.2 30.5 45.7





#25

Chloroform

Concen: 2.773 ug/L

RT: 4.275 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

Instrument :

MSVOA_V

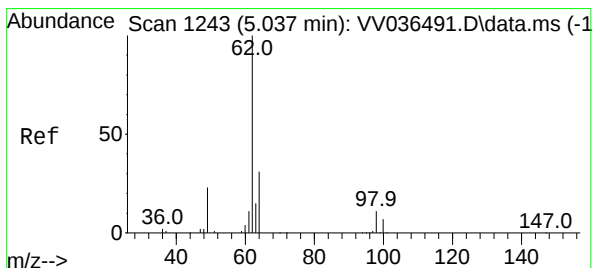
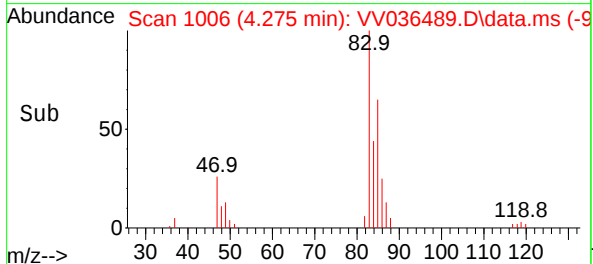
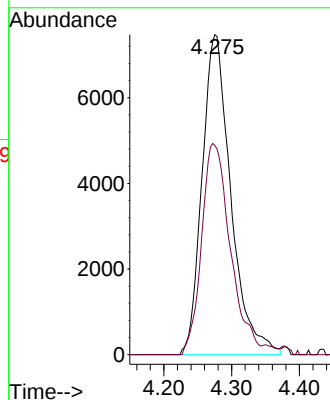
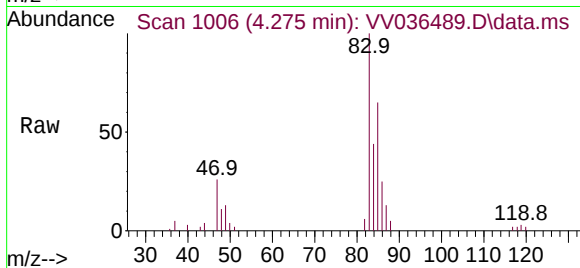
ClientSampleId :

Tgt Ion: 83 Resp: 22020

Ion Ratio Lower Upper

83 100

85 65.4 45.6 84.6



#27

1,2-Dichloroethane

Concen: 2.457 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.013 min

Lab File: VV036489.D

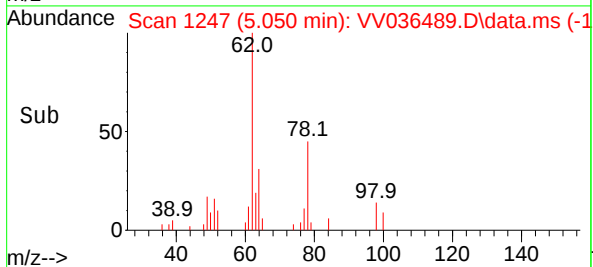
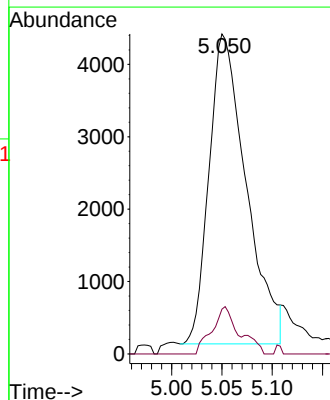
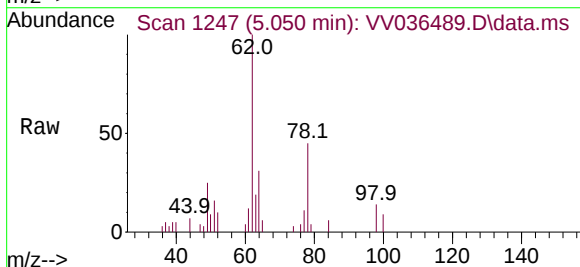
Acq: 11 Jul 2024 10:27

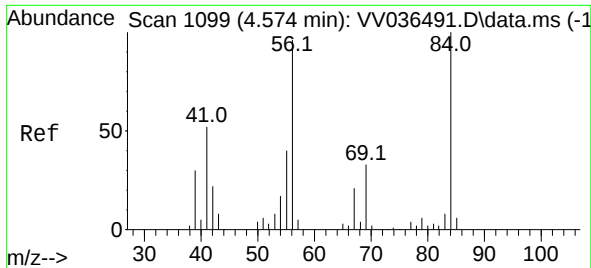
Tgt Ion: 62 Resp: 10957

Ion Ratio Lower Upper

62 100

98 14.0 8.9 13.3#





#29

Cyclohexane

Concen: 2.505 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

Instrument :

MSVOA_V

ClientSampleId :

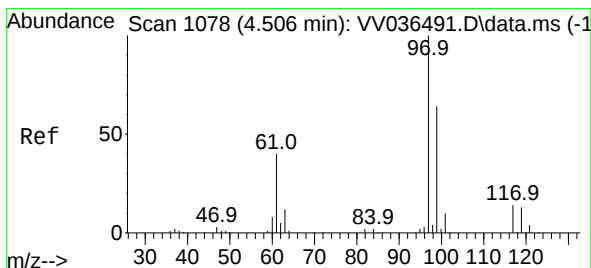
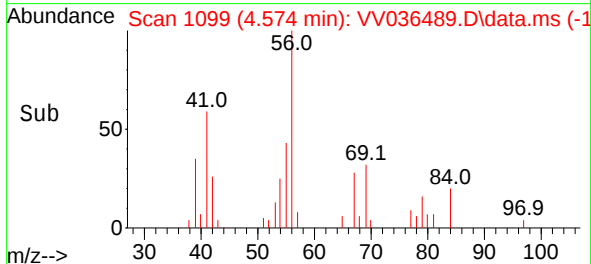
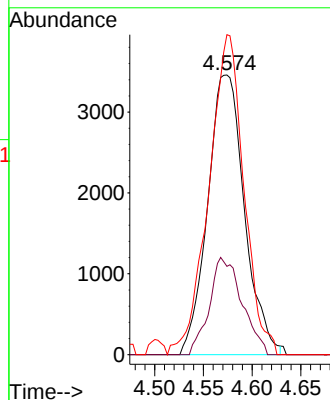
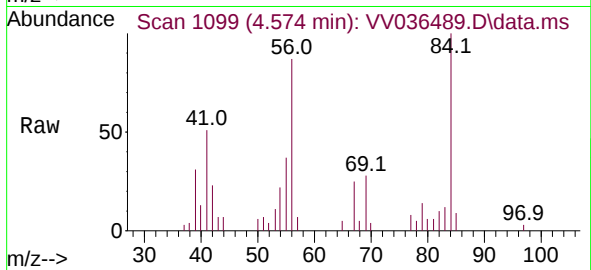
Tgt Ion: 56 Resp: 9091

Ion Ratio Lower Upper

56 100

69 16.9 27.6 41.4#

84 108.9 85.4 128.2



#30

1,1,1-Trichloroethane

Concen: 2.842 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

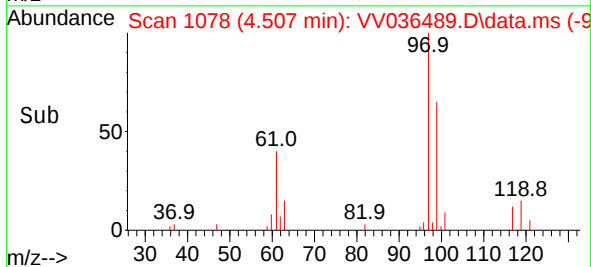
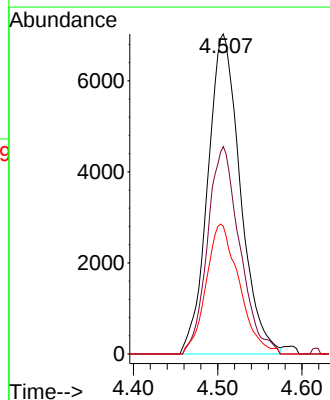
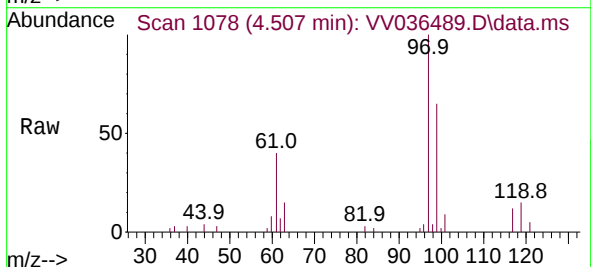
Tgt Ion: 97 Resp: 18845

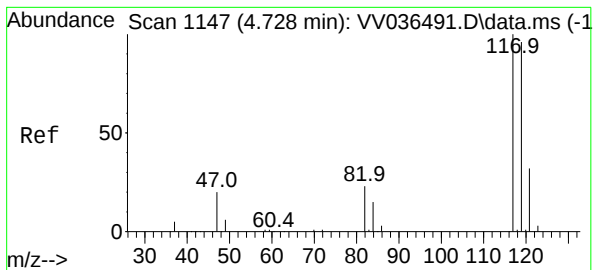
Ion Ratio Lower Upper

97 100

99 64.1 51.9 77.9

61 41.1 32.2 48.4





#31

Carbon tetrachloride

Concen: 2.889 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

Instrument :

MSVOA_V

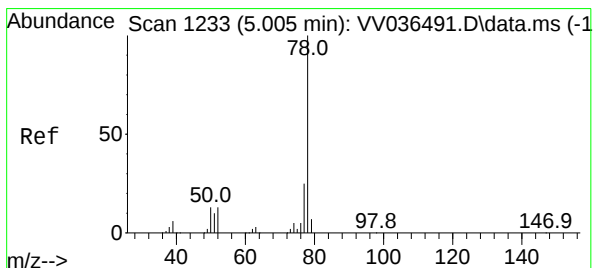
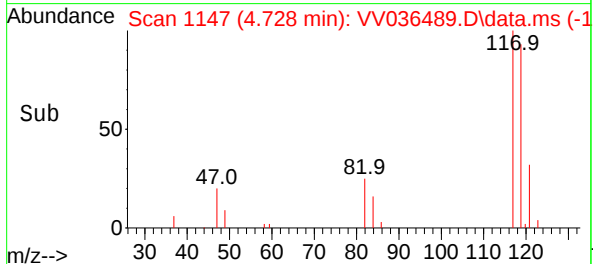
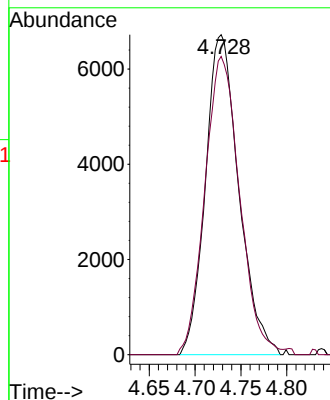
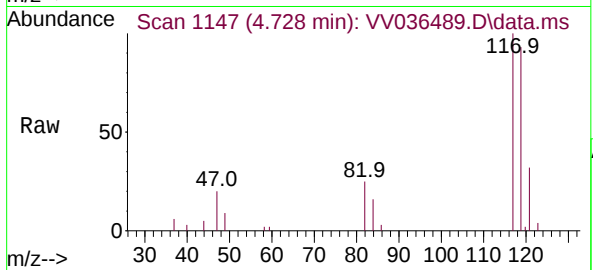
ClientSampleId :

Tgt Ion:117 Resp: 16993

Ion Ratio Lower Upper

117 100

119 97.2 77.6 116.4



#33

Benzene

Concen: 2.579 ug/L

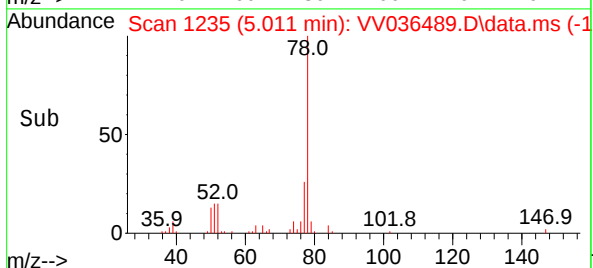
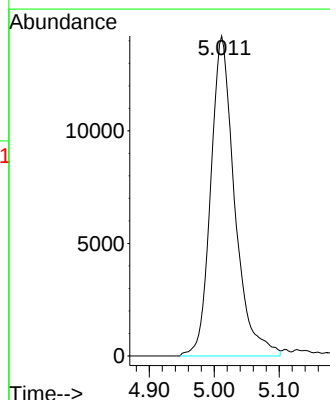
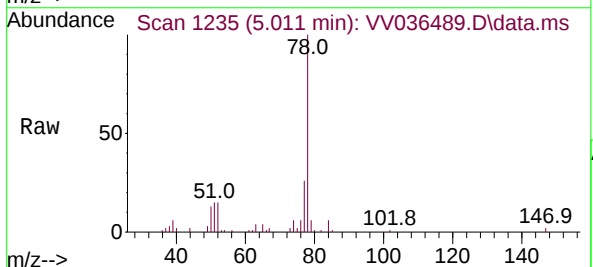
RT: 5.011 min Scan# 1235

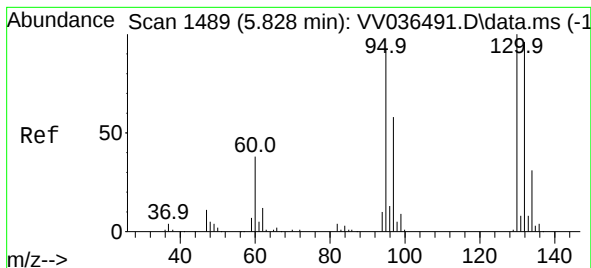
Delta R.T. 0.007 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

Tgt Ion: 78 Resp: 36412





#34

Trichloroethene

Concen: 2.671 ug/L

RT: 5.838 min Scan# 1489

Delta R.T. 0.010 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 11997

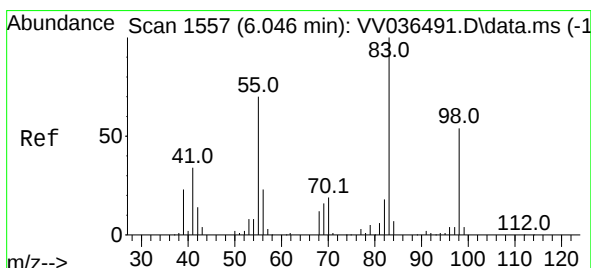
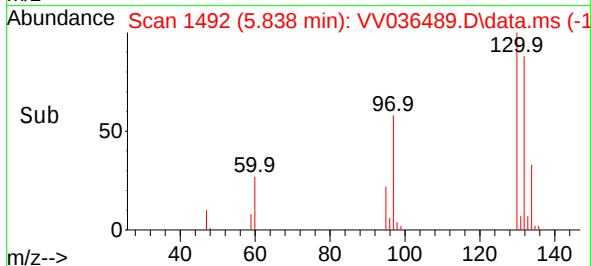
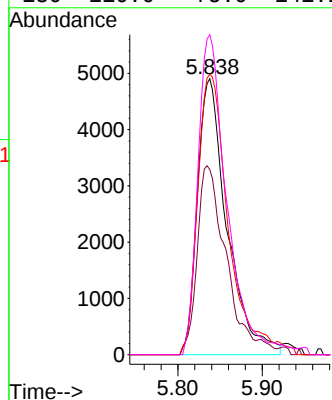
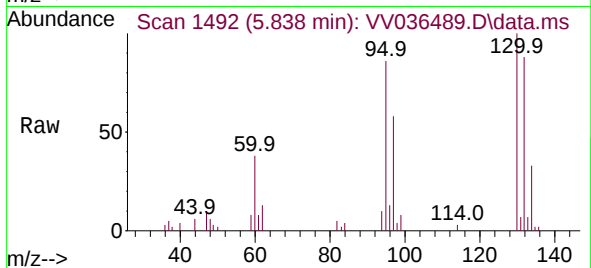
Ion Ratio Lower Upper

95 100

97 67.1 44.4 82.4

132 101.6 73.0 135.6

130 116.0 75.9 141.1



#35

Methylcyclohexane

Concen: 2.470 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

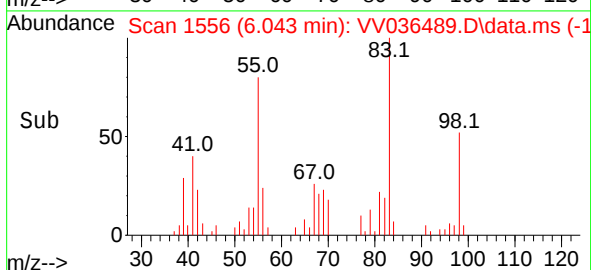
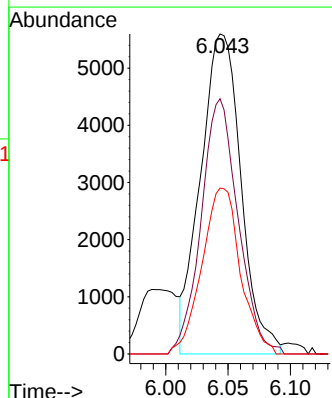
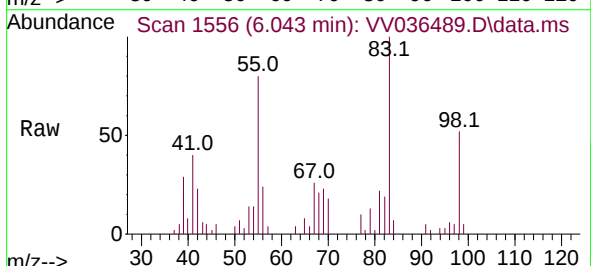
Tgt Ion: 83 Resp: 12664

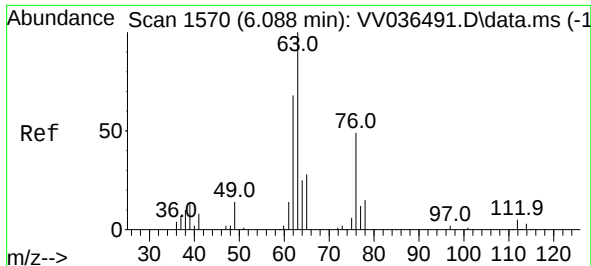
Ion Ratio Lower Upper

83 100

55 72.5 54.3 81.5

98 49.2 41.7 62.5

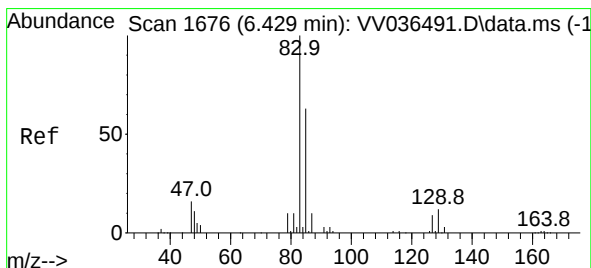
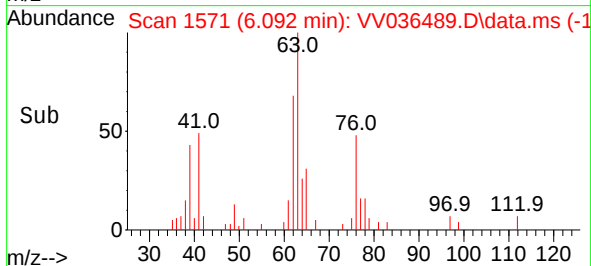
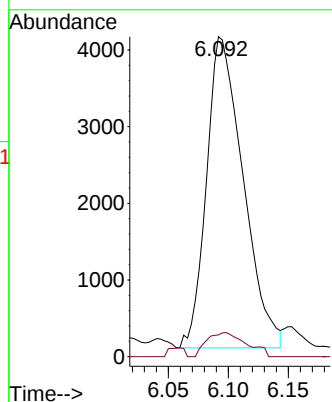
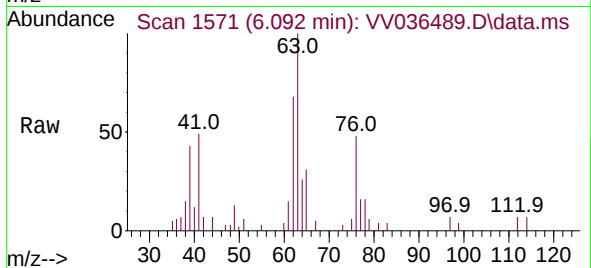




#37
1,2-Dichloropropane
Concen: 2.419 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.003 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

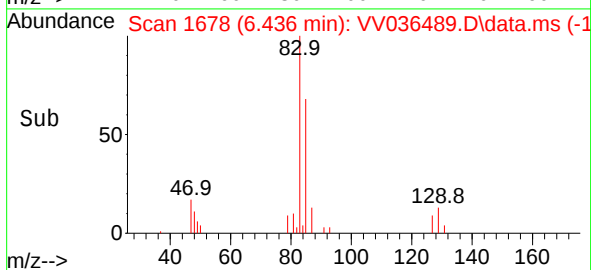
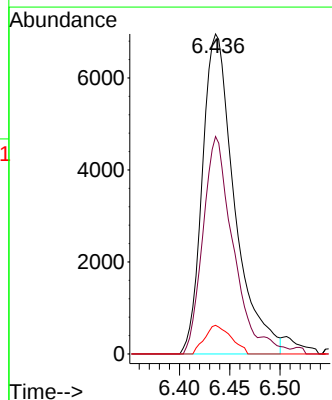
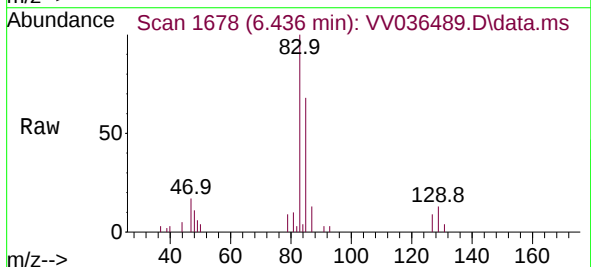
Instrument :
MSVOA_V
ClientSampleId :

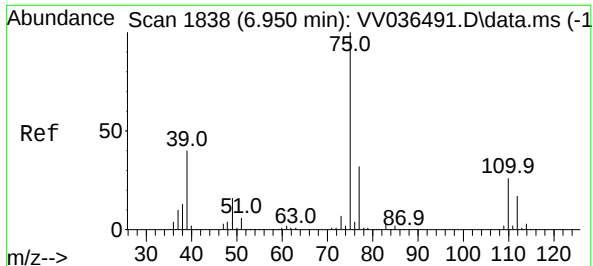
Tgt Ion: 63 Resp: 8620
Ion Ratio Lower Upper
63 100
112 7.5 4.5 6.7#



#38
Bromodichloromethane
Concen: 2.741 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.007 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Tgt Ion: 83 Resp: 15476
Ion Ratio Lower Upper
83 100
85 67.9 44.3 82.3
127 8.9 7.0 10.4

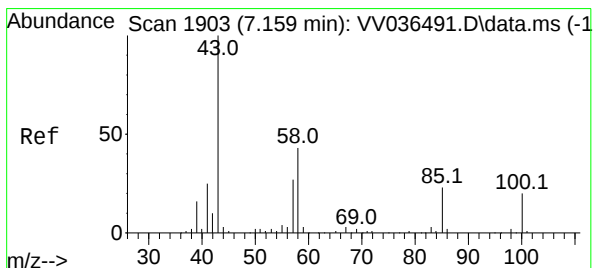
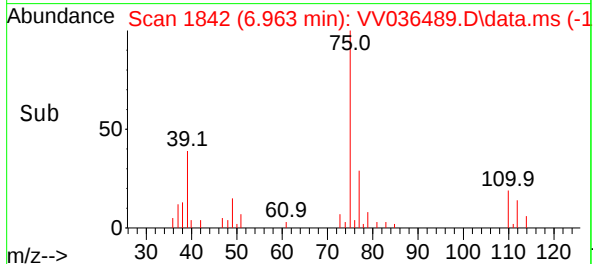
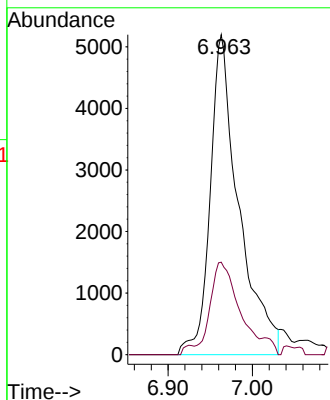
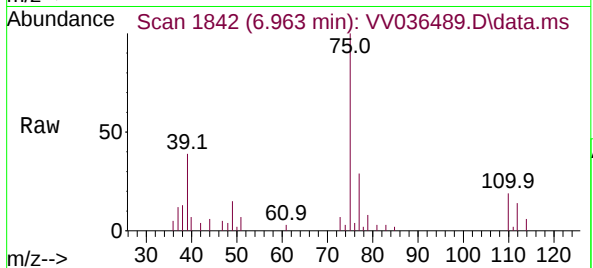




#39
 cis-1,3-Dichloropropene
 Concen: 2.225 ug/L
 RT: 6.963 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VV036489.D
 Acq: 11 Jul 2024 10:27

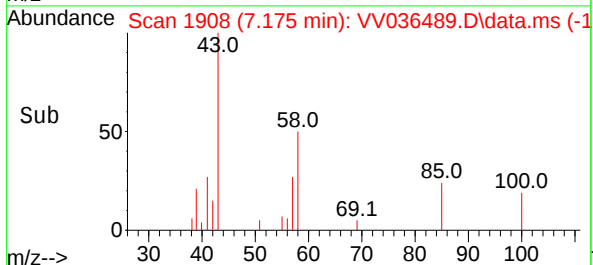
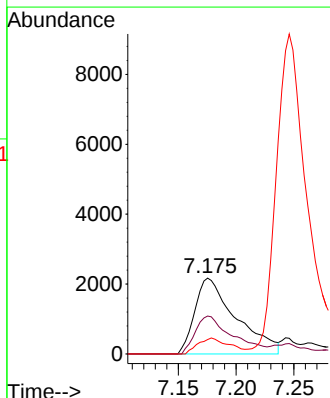
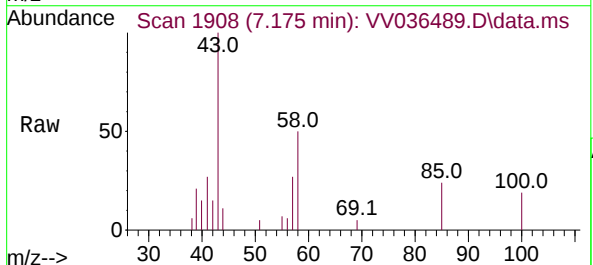
Instrument :
 MSVOA_V
 ClientSampleId :

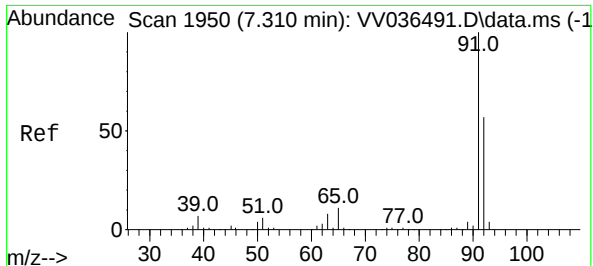
Tgt Ion: 75 Resp: 12223
 Ion Ratio Lower Upper
 75 100
 77 28.9 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 3.499 ug/L
 RT: 7.175 min Scan# 1908
 Delta R.T. 0.016 min
 Lab File: VV036489.D
 Acq: 11 Jul 2024 10:27

Tgt Ion: 43 Resp: 5385
 Ion Ratio Lower Upper
 43 100
 58 45.4 32.9 49.3
 100 16.0 15.5 23.3





#42

Toluene

Concen: 2.208 ug/L

RT: 7.317 min Scan# 1950

Delta R.T. 0.007 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

Instrument :

MSVOA_V

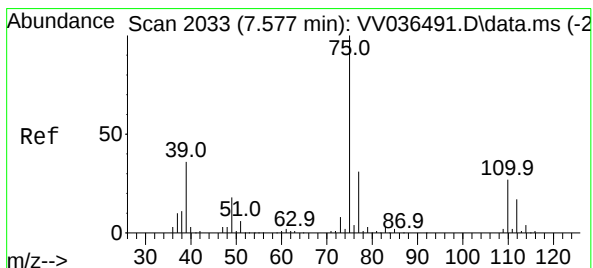
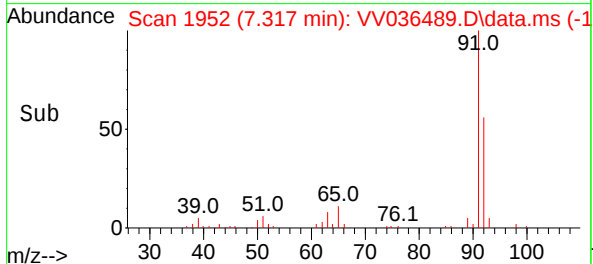
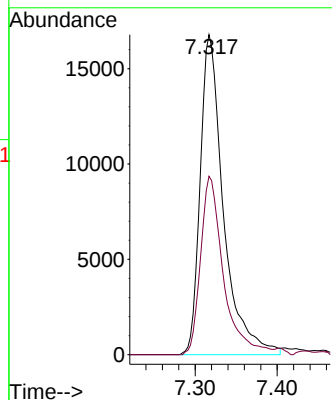
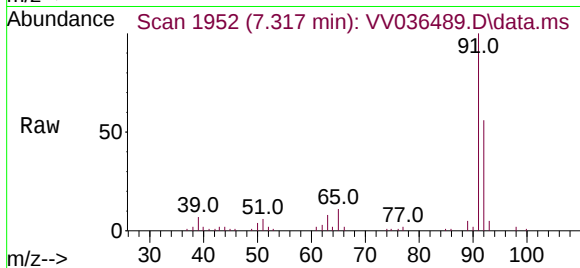
ClientSampleId :

Tgt Ion: 91 Resp: 33029

Ion Ratio Lower Upper

91 100

92 55.7 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 2.154 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.016 min

Lab File: VV036489.D

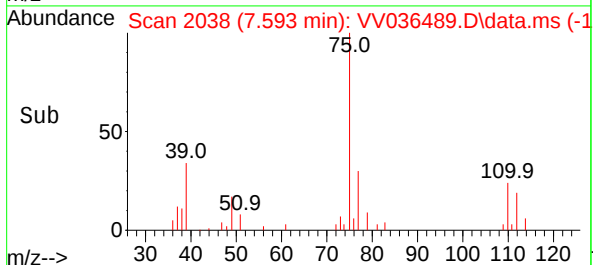
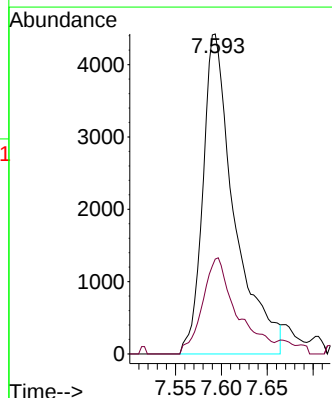
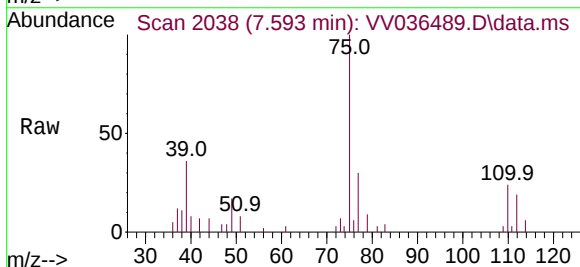
Acq: 11 Jul 2024 10:27

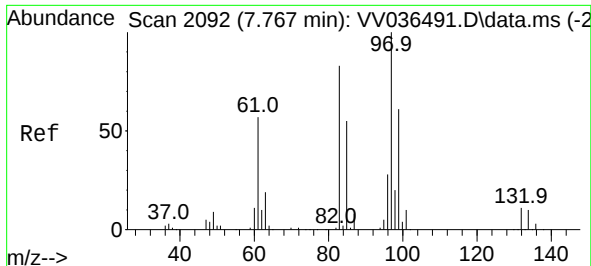
Tgt Ion: 75 Resp: 10550

Ion Ratio Lower Upper

75 100

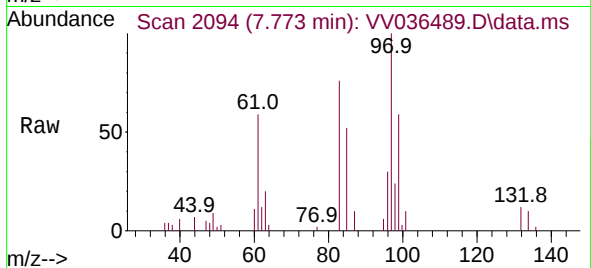
77 29.6 21.9 40.7



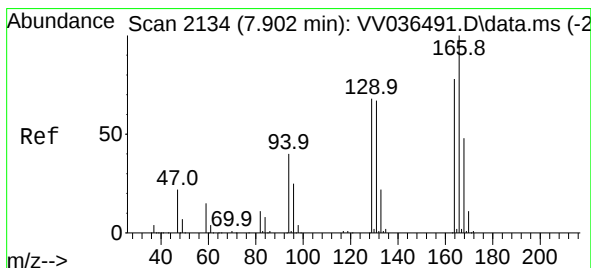
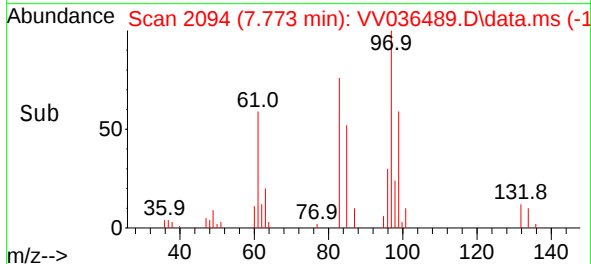
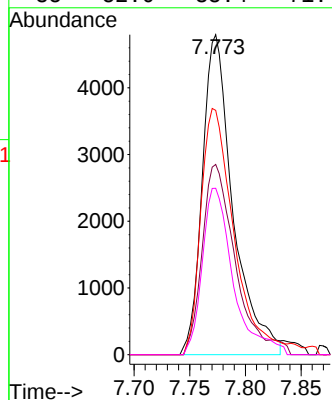


#45
1,1,2-Trichloroethane
Concen: 2.616 ug/L
RT: 7.773 min Scan# 2092
Delta R.T. 0.007 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Instrument :
MSVOA_V
ClientSampleId :

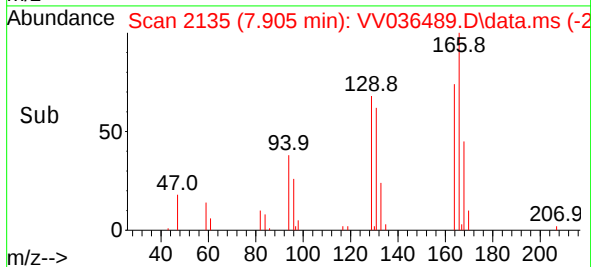
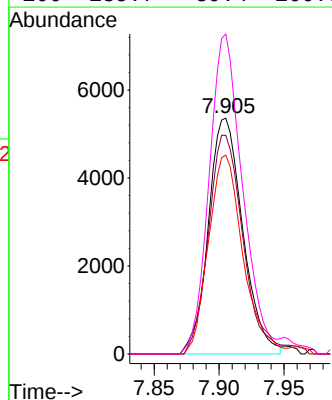
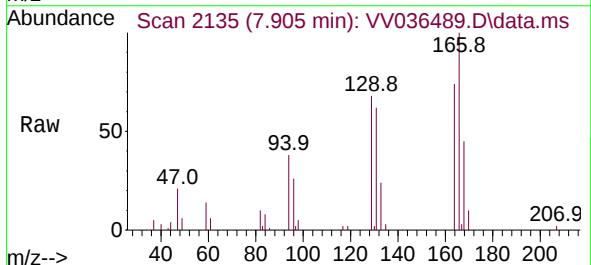


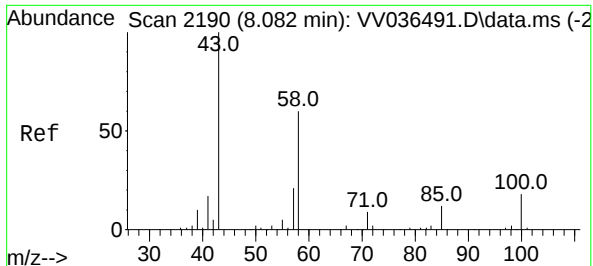
Tgt Ion: 97	Resp: 9183
Ion Ratio	Lower Upper
97 100	
99 59.5	42.6 79.2
83 76.3	58.0 107.6
85 52.0	38.4 71.4



#46
Tetrachloroethene
Concen: 2.712 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Tgt Ion:164	Resp: 9852
Ion Ratio	Lower Upper
164 100	
129 92.7	61.0 113.4
131 84.4	59.8 111.1
166 135.7	89.4 166.0

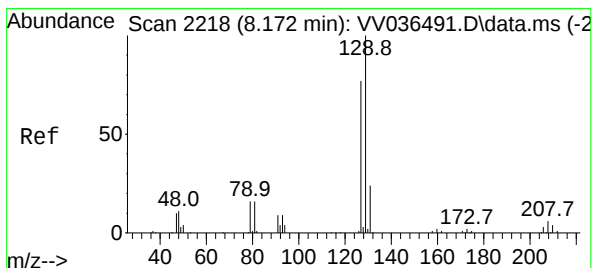
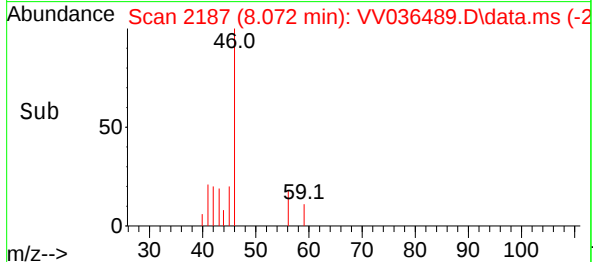
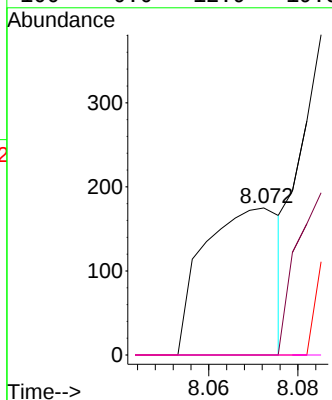
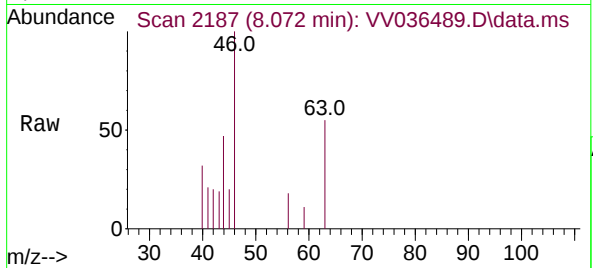




#48
2-Hexanone
Concen: 0.172 ug/L
RT: 8.072 min Scan# 2190
Delta R.T. -0.009 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

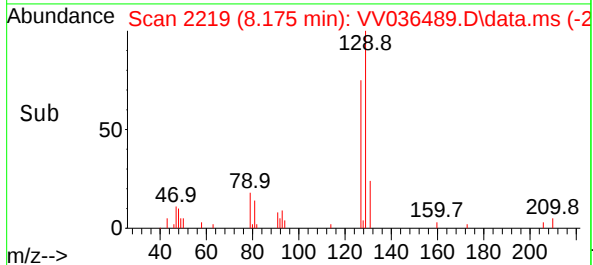
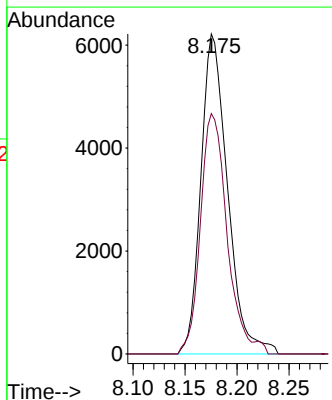
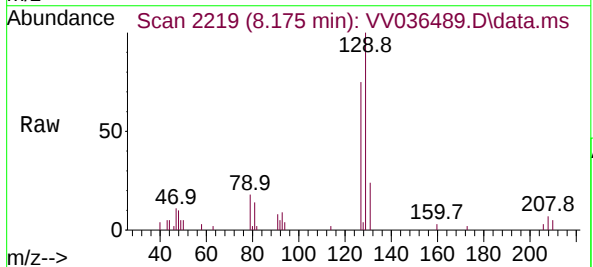
Instrument :
MSVOA_V
ClientSampleId :

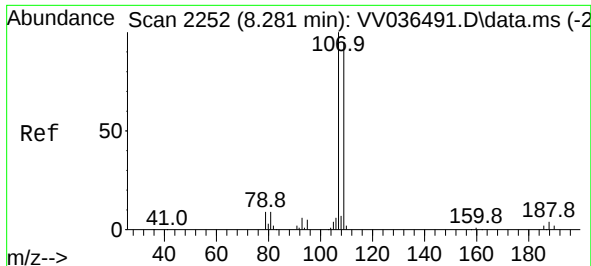
Tgt Ion: 43	Resp:	207
Ion Ratio	Lower	Upper
43	100	
58	0.0	49.5 74.3#
57	38.2	15.3 22.9#
100	0.0	12.9 19.3#



#49
Dibromochloromethane
Concen: 2.615 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

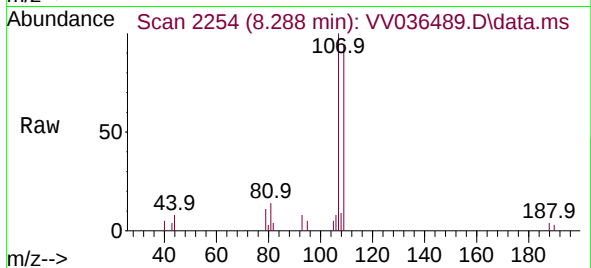
Tgt Ion: 129	Resp:	11100
Ion Ratio	Lower	Upper
129	100	
127	75.1	53.7 99.7



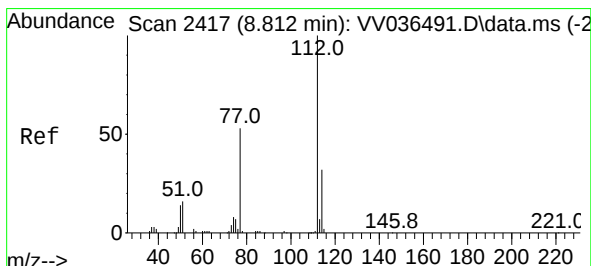
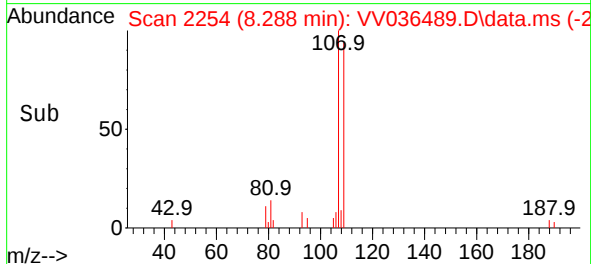
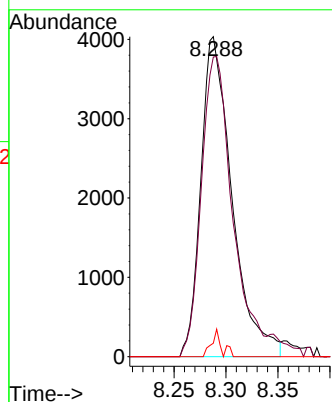


#50
1,2-Dibromoethane
Concen: 2.556 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Instrument :
MSVOA_V
ClientSampleId :

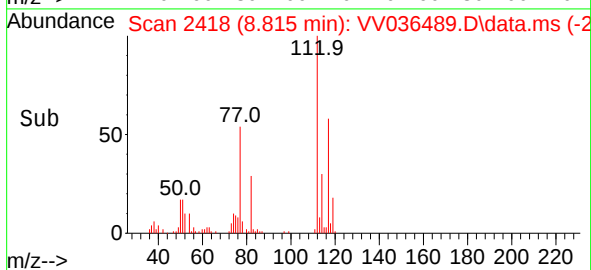
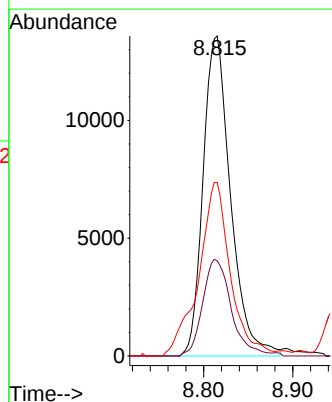
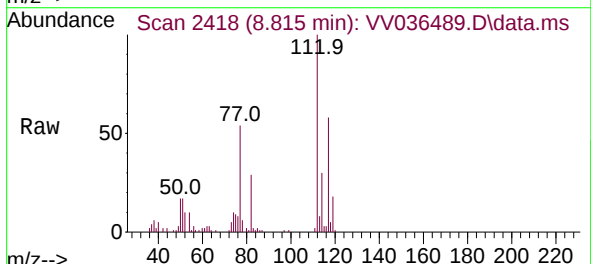


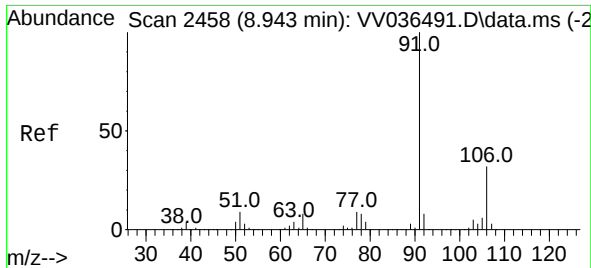
Tgt Ion:107 Resp: 8423
Ion Ratio Lower Upper
107 100
109 93.7 66.2 123.0
188 4.2 3.4 5.0



#51
Chlorobenzene
Concen: 2.597 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Tgt Ion:112 Resp: 29090
Ion Ratio Lower Upper
112 100
114 29.8 22.5 41.9
77 54.2 43.0 64.6





#52

Ethylbenzene

Concen: 2.117 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

Instrument :

MSVOA_V

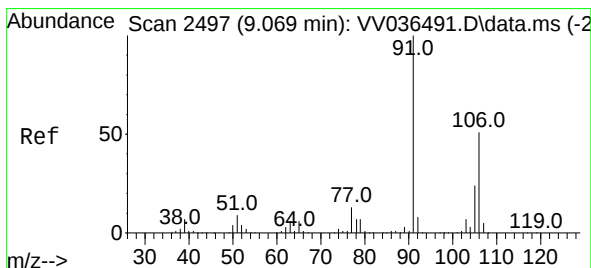
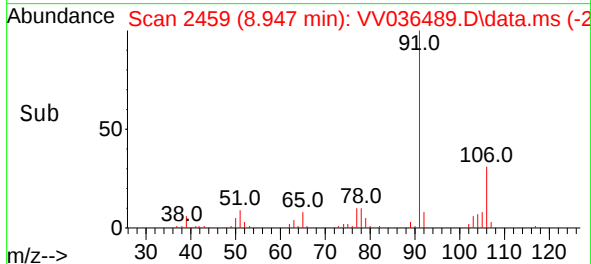
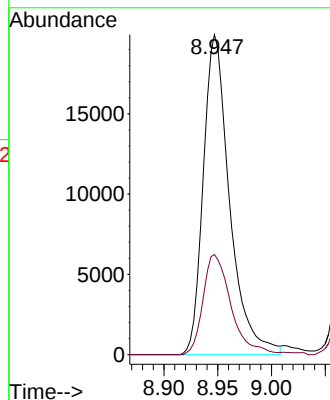
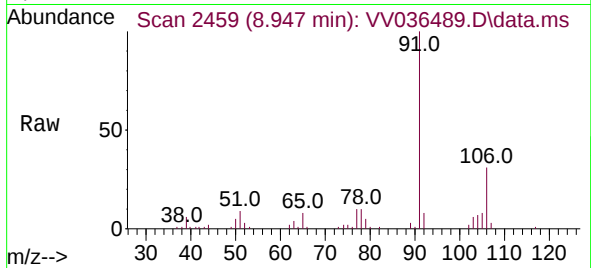
ClientSampleId :

Tgt Ion: 91 Resp: 33967

Ion Ratio Lower Upper

91 100

106 31.3 22.6 42.0



#53

m,p-Xylene

Concen: 1.954 ug/L

RT: 9.076 min Scan# 2499

Delta R.T. 0.007 min

Lab File: VV036489.D

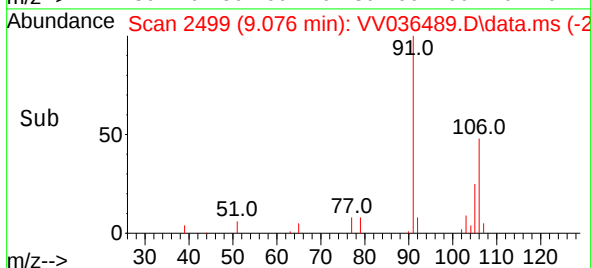
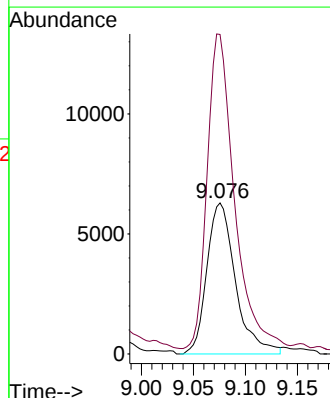
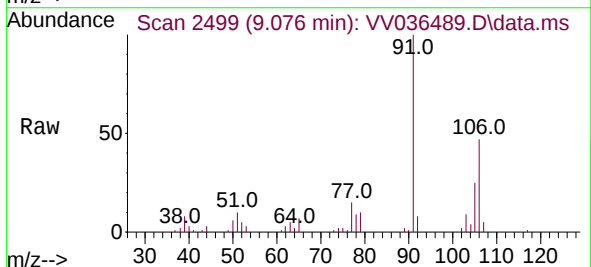
Acq: 11 Jul 2024 10:27

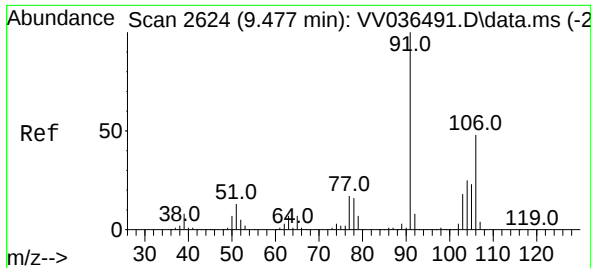
Tgt Ion:106 Resp: 12071

Ion Ratio Lower Upper

106 100

91 211.5 137.1 254.7

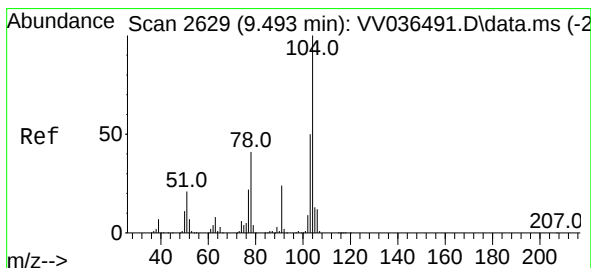
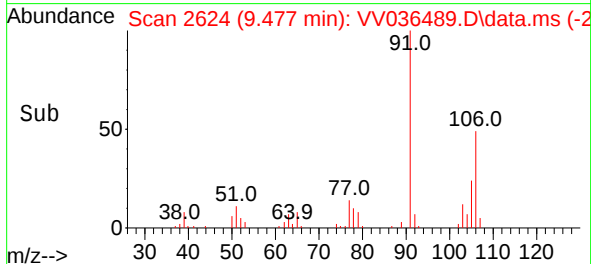
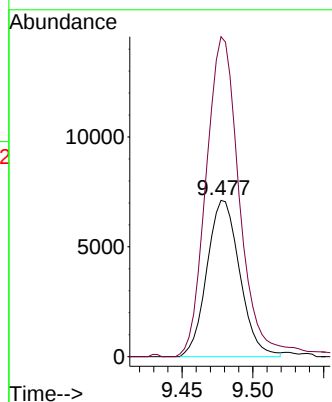
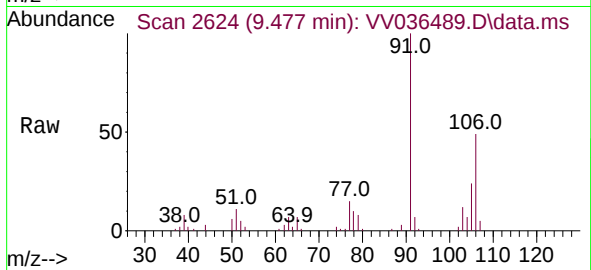




#54
o-Xylene
Concen: 1.951 ug/L
RT: 9.477 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

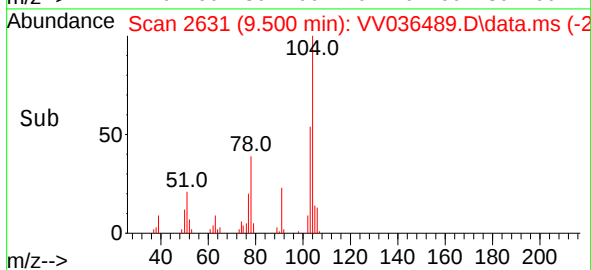
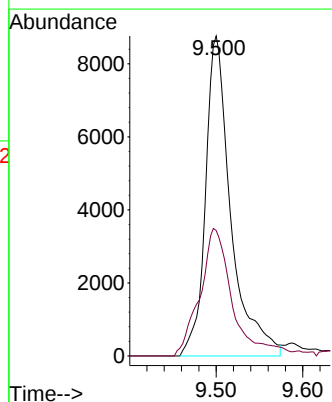
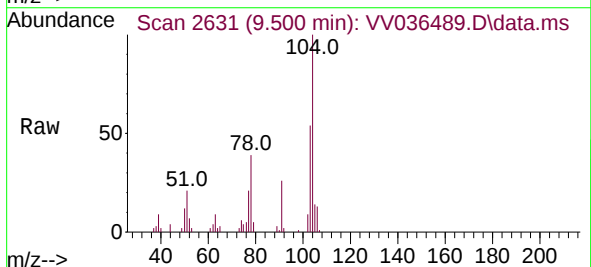
Instrument :
MSVOA_V
ClientSampleId :

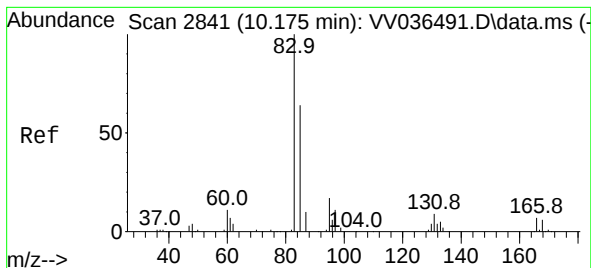
Tgt Ion:106 Resp: 11477
Ion Ratio Lower Upper
106 100
91 204.7 147.3 273.6



#55
Styrene
Concen: 1.707 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.007 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Tgt Ion:104 Resp: 17843
Ion Ratio Lower Upper
104 100
78 39.2 28.8 53.6

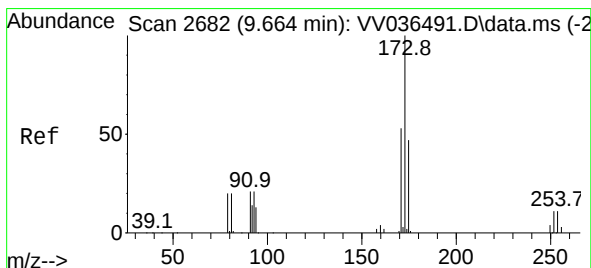
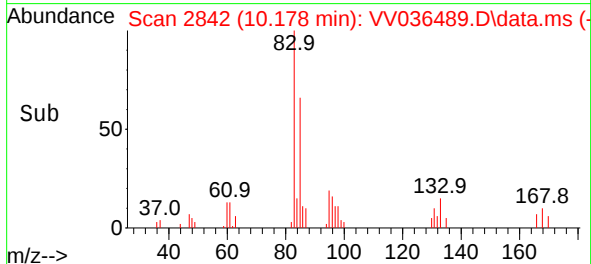
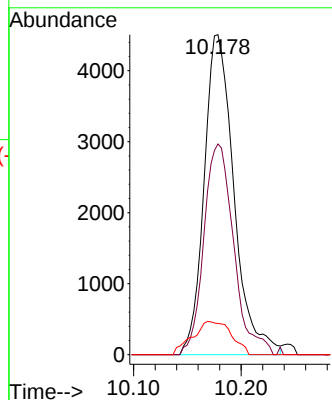
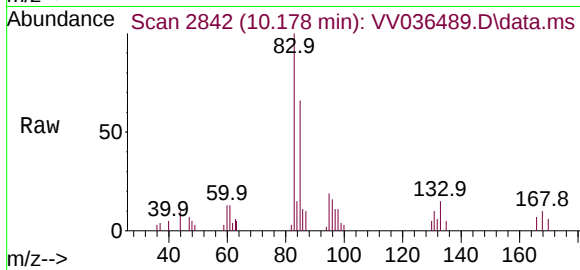




#57
1,1,2,2-Tetrachloroethane
Concen: 2.708 ug/L
RT: 10.178 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

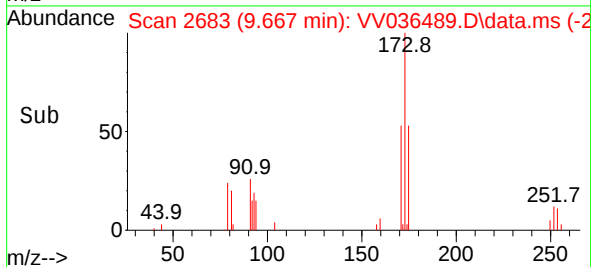
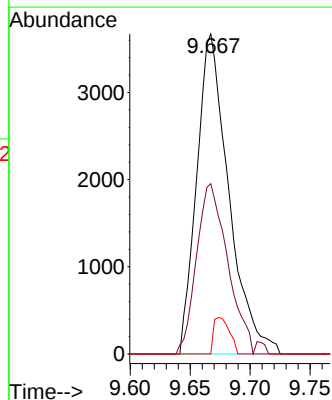
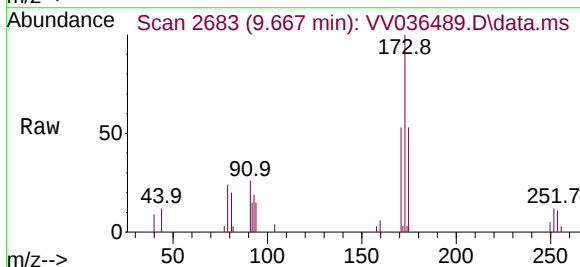
Instrument :
MSVOA_V
ClientSampleId :

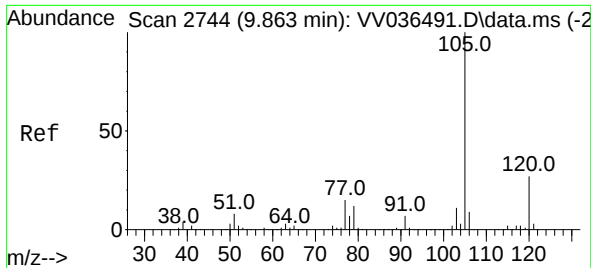
Tgt Ion: 83 Resp: 8680
Ion Ratio Lower Upper
83 100
85 65.9 45.0 83.6
131 9.7 8.1 12.1



#59
Bromoform
Concen: 2.712 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.003 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Tgt Ion: 173 Resp: 6823
Ion Ratio Lower Upper
173 100
175 51.7 37.6 56.4
254 5.5 8.2 12.4#

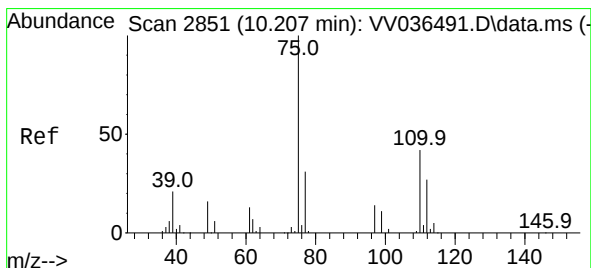
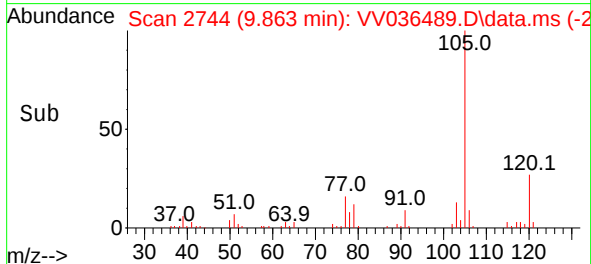
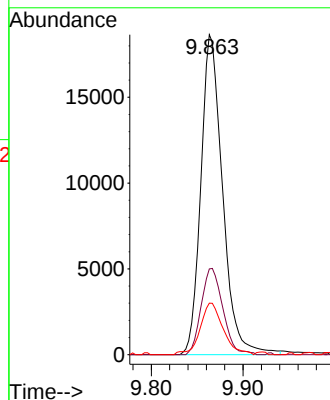
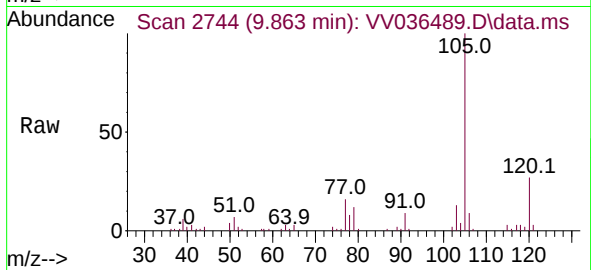




#60
Isopropylbenzene
Concen: 2.168 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

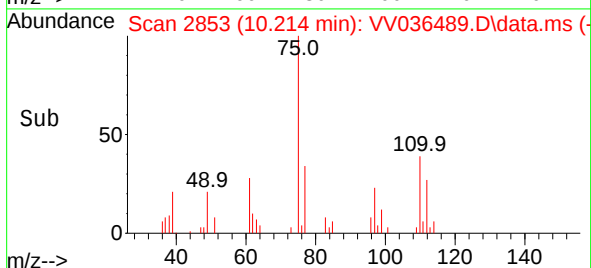
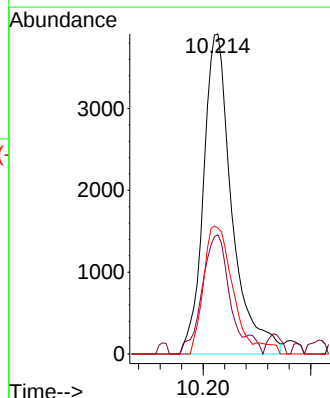
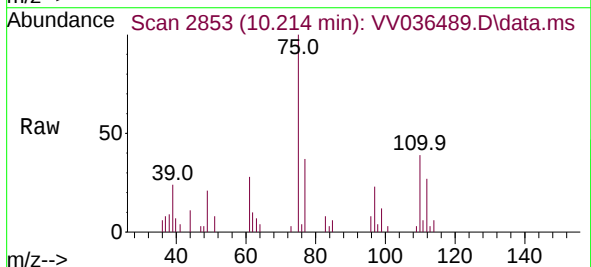
Instrument :
MSVOA_V
ClientSampleId :

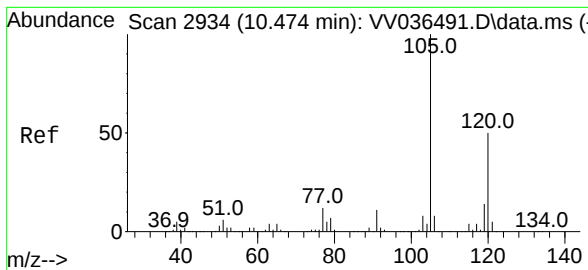
Tgt Ion:105 Resp: 30751
Ion Ratio Lower Upper
105 100
120 26.8 21.8 32.6
77 16.5 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 2.845 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.007 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Tgt Ion: 75 Resp: 7186
Ion Ratio Lower Upper
75 100
77 34.5 25.6 38.4
110 39.6 34.8 52.2

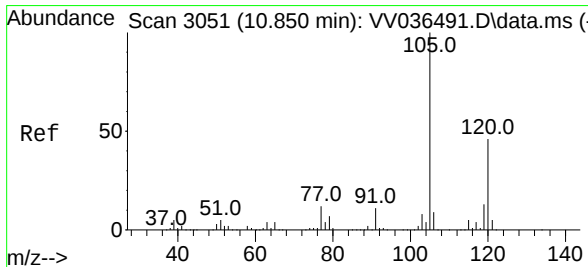
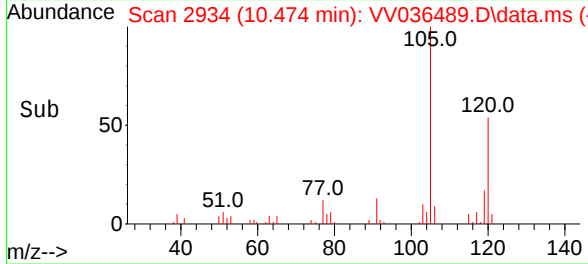
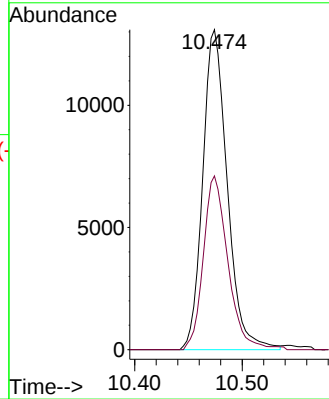
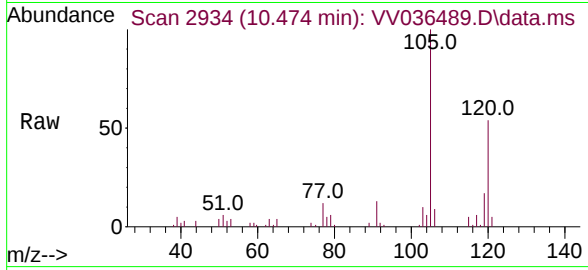




#62
 1,3,5-Trimethylbenzene
 Concen: 2.045 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. 0.000 min
 Lab File: VV036489.D
 Acq: 11 Jul 2024 10:27

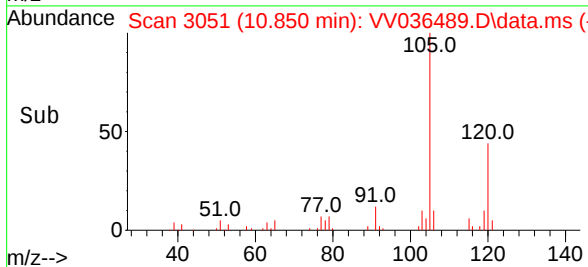
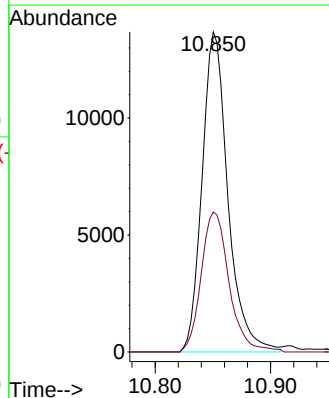
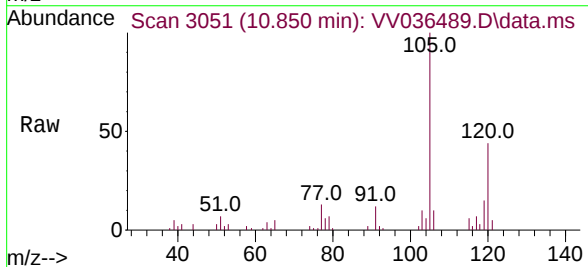
Instrument :
 MSVOA_V
 ClientSampleId :

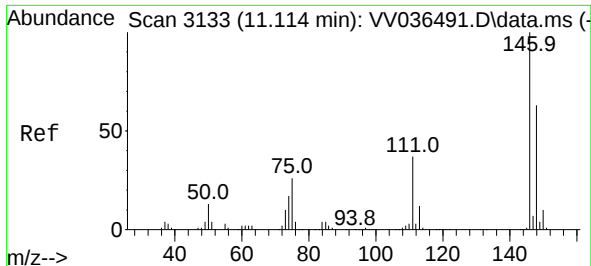
Tgt Ion:105 Resp: 20768
 Ion Ratio Lower Upper
 105 100
 120 54.0 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 1.927 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.000 min
 Lab File: VV036489.D
 Acq: 11 Jul 2024 10:27

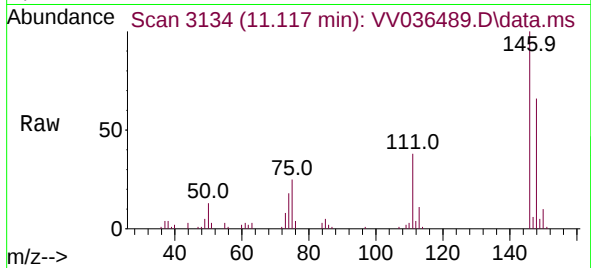
Tgt Ion:105 Resp: 21293
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.0 55.4



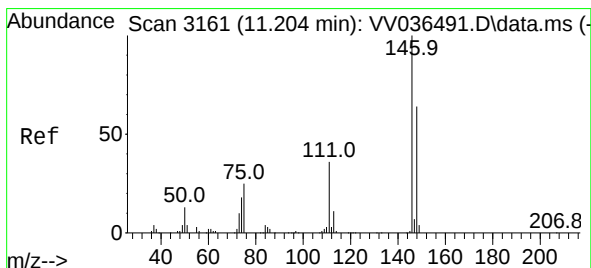
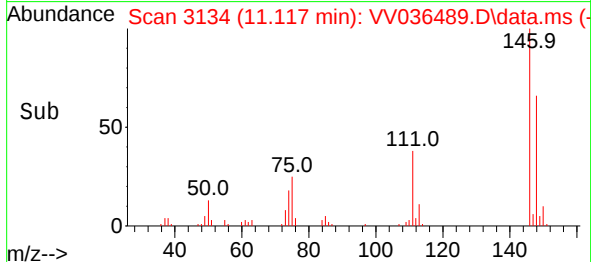
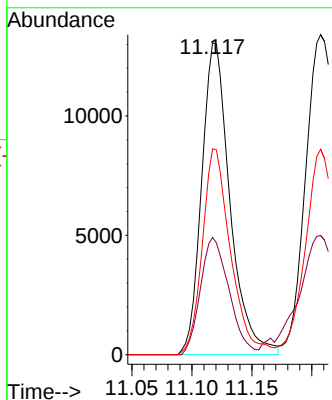


#64
1,3-Dichlorobenzene
Concen: 2.565 ug/L
RT: 11.117 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Instrument :
MSVOA_V
ClientSampleId :

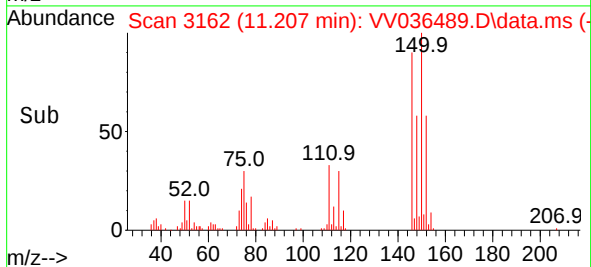
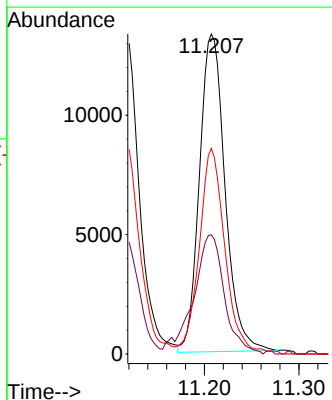
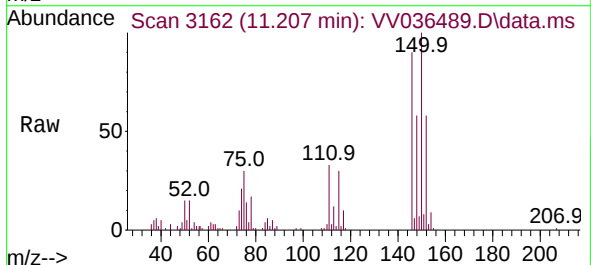


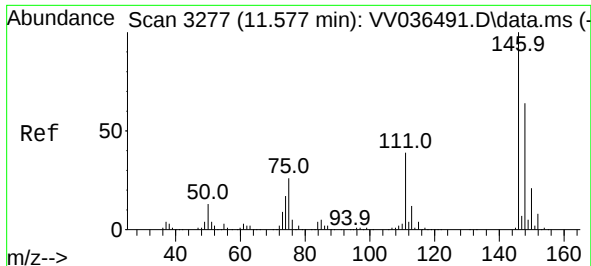
Tgt Ion:146 Resp: 21509
Ion Ratio Lower Upper
146 100
111 37.6 25.8 47.8
148 66.1 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 2.783 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Tgt Ion:146 Resp: 25056
Ion Ratio Lower Upper
146 100
111 37.3 25.2 46.8
148 64.2 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 2.607 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

Instrument :

MSVOA_V

ClientSampleId :

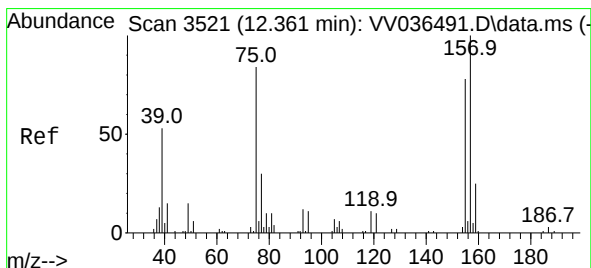
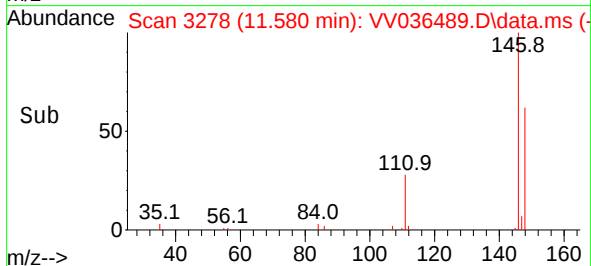
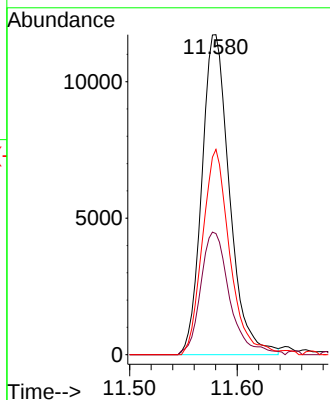
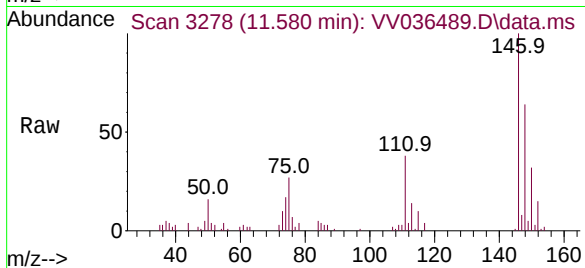
Tgt Ion:146 Resp: 21003

Ion Ratio Lower Upper

146 100

111 37.9 30.8 46.2

148 64.2 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 2.650 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.007 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

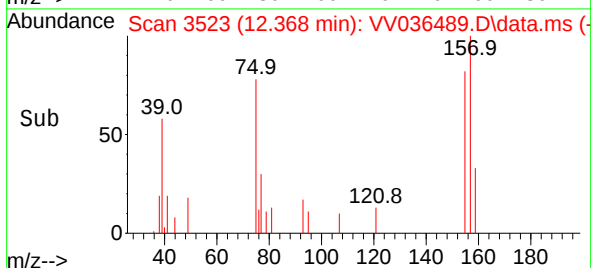
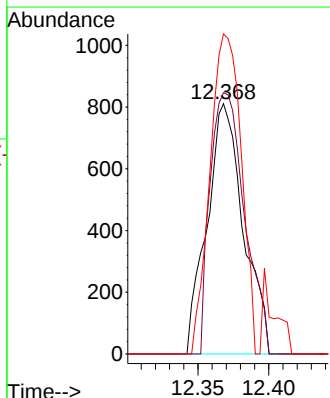
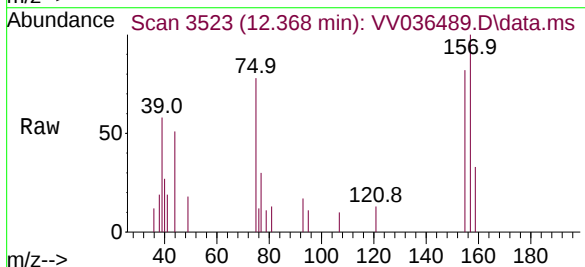
Tgt Ion: 75 Resp: 1448

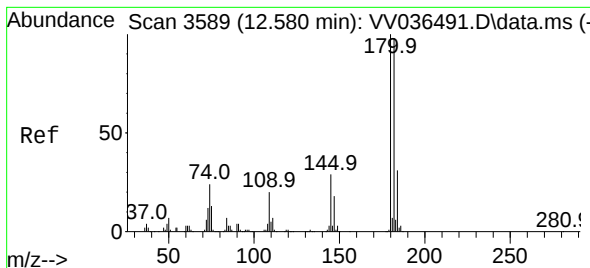
Ion Ratio Lower Upper

75 100

155 104.4 74.6 111.8

157 127.9 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 2.535 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

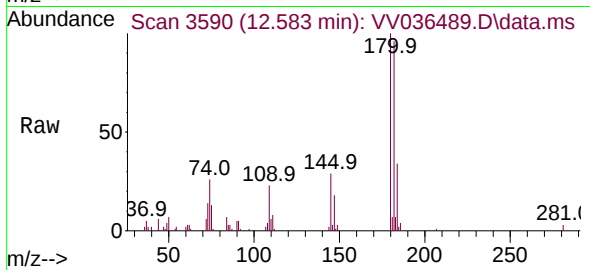
Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 16459

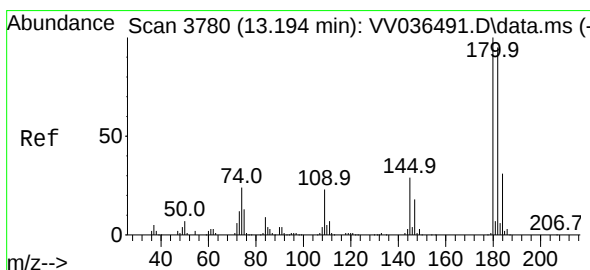
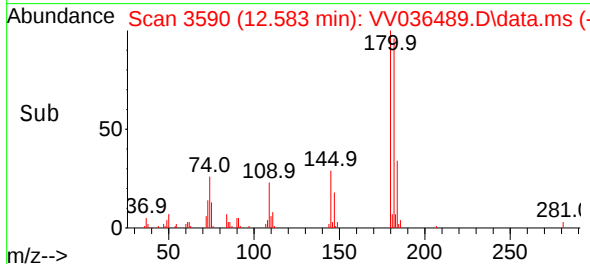
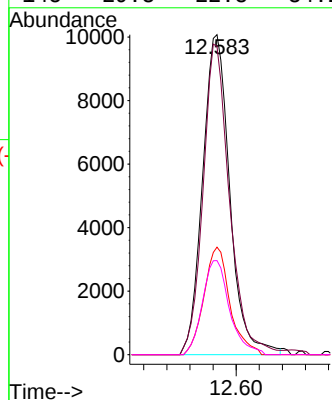
Ion Ratio Lower Upper

180 100

182 94.7 77.4 116.0

184 32.1 24.4 36.6

145 29.3 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 2.409 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.007 min

Lab File: VV036489.D

Acq: 11 Jul 2024 10:27

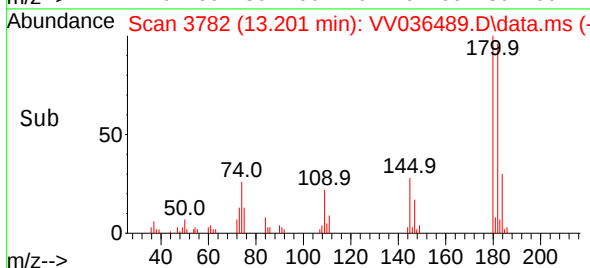
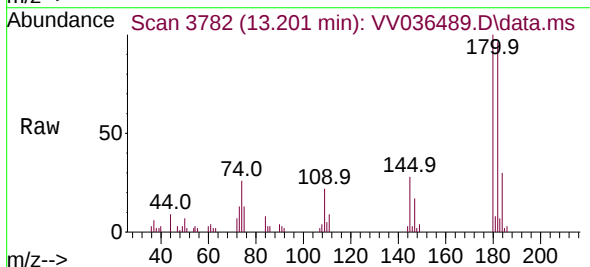
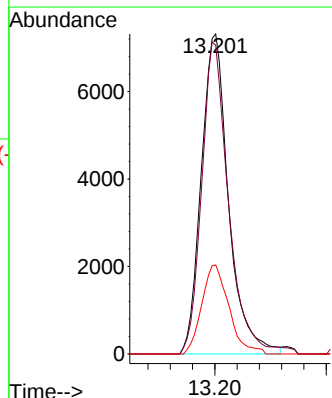
Tgt Ion:180 Resp: 12439

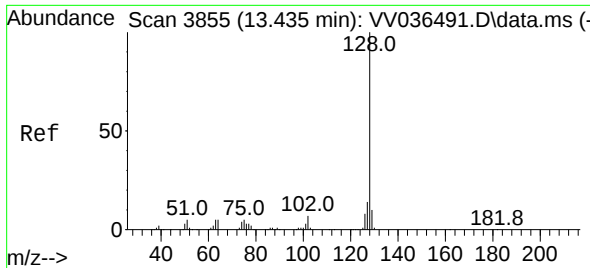
Ion Ratio Lower Upper

180 100

182 94.9 76.7 115.1

145 27.6 23.0 34.6

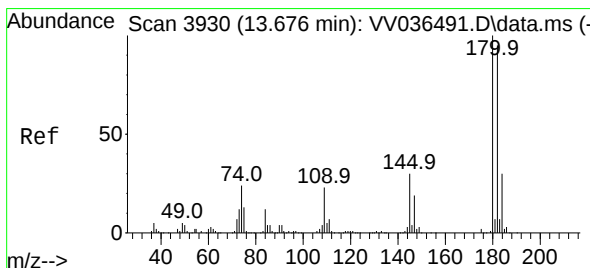
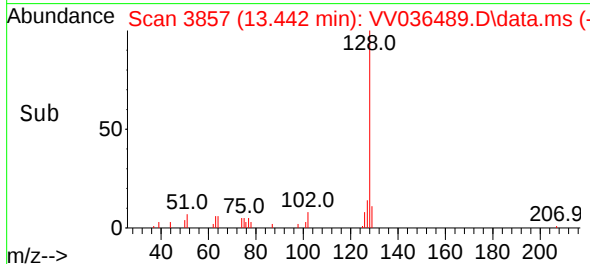
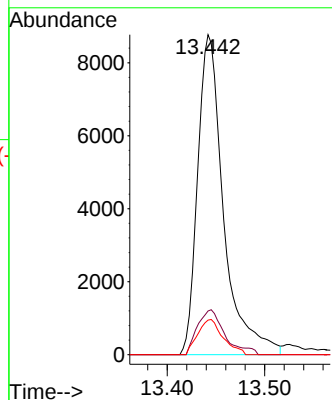
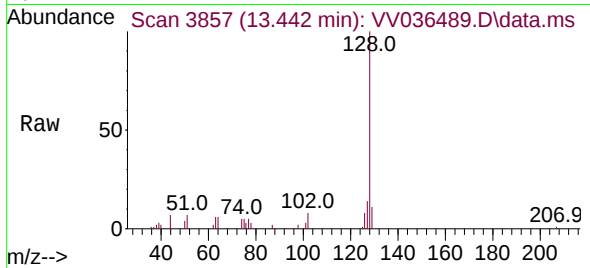




#71
Naphthalene
Concen: 2.095 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.007 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp: 16247
Ion Ratio	Lower Upper
128 100	
127 14.8	10.8 16.2
129 10.7	8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.283 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV036489.D
Acq: 11 Jul 2024 10:27

Tgt Ion:180	Resp: 11151
Ion Ratio	Lower Upper
180 100	
182 98.5	76.6 114.8
145 34.0	24.4 36.6

