

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035486.D
 Acq On : 01 May 2024 10:32
 Operator : SY/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:46:23 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	1082215	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	1029317	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	509881	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	41592	4.817	ug/L	0.00
7) Chloroethane-d5	1.529	69	29750	5.773	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	17210	4.825	ug/L	0.00
21) 2-Butanone-d5	3.815	46	48813	10.276	ug/L	0.02
24) Chloroform-d	4.249	84	75278	5.068	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	43706	5.047	ug/L	0.00
32) Benzene-d6	4.960	84	140841	5.128	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	44585	5.230	ug/L	0.00
41) Toluene-d8	7.243	98	125252	5.049	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	20115	5.023	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	34453	12.217	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	69739	5.649	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	50044	5.443	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	35761	4.579	ug/L	100
3) Chloromethane	1.214	50	38708	4.835	ug/L	97
5) Vinyl chloride	1.281	62	40684	4.816	ug/L	98
6) Bromomethane	1.484	94	25452	5.052	ug/L	99
8) Chloroethane	1.545	64	23774	6.058	ug/L	97
9) Trichlorofluoromethane	1.706	101	56484	4.946	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	34414	4.797	ug/L	98
12) 1,1-Dichloroethene	2.066	96	31511	4.938	ug/L	87
13) Acetone	2.127	43	55878	10.618	ug/L	99
14) Carbon disulfide	2.236	76	81154	4.637	ug/L	100
15) Methyl Acetate	2.378	43	43509	5.307	ug/L	98
16) Methylene chloride	2.445	84	41096	5.082	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	31971	4.679	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	109794	4.737	ug/L	100
19) 1,1-Dichloroethane	3.108	63	69066	4.863	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	37400	4.815	ug/L	99
22) 2-Butanone	3.896	43	47590	8.009	ug/L	98
23) Bromochloromethane	4.153	128	20646	4.770	ug/L	94
25) Chloroform	4.275	83	72507	4.933	ug/L	97
27) 1,2-Dichloroethane	5.043	62	51252	4.776	ug/L	98
29) Cyclohexane	4.574	56	41445	4.446	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	60968	5.212	ug/L	99
31) Carbon tetrachloride	4.731	117	52212	5.109	ug/L	98
33) Benzene	5.011	78	137386	4.984	ug/L	100
34) Trichloroethene	5.838	95	38113	5.138	ug/L	95
35) Methylcyclohexane	6.047	83	48951	4.589	ug/L	98
37) 1,2-Dichloropropane	6.092	63	37112	4.833	ug/L #	94
38) Bromodichloromethane	6.436	83	52402	5.045	ug/L #	96
39) cis-1,3-Dichloropropene	6.960	75	51405	4.453	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	94698	10.105	ug/L	96
42) Toluene	7.317	91	141782	4.929	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	52565	4.789	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035486.D
 Acq On : 01 May 2024 10:32
 Operator : SY/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

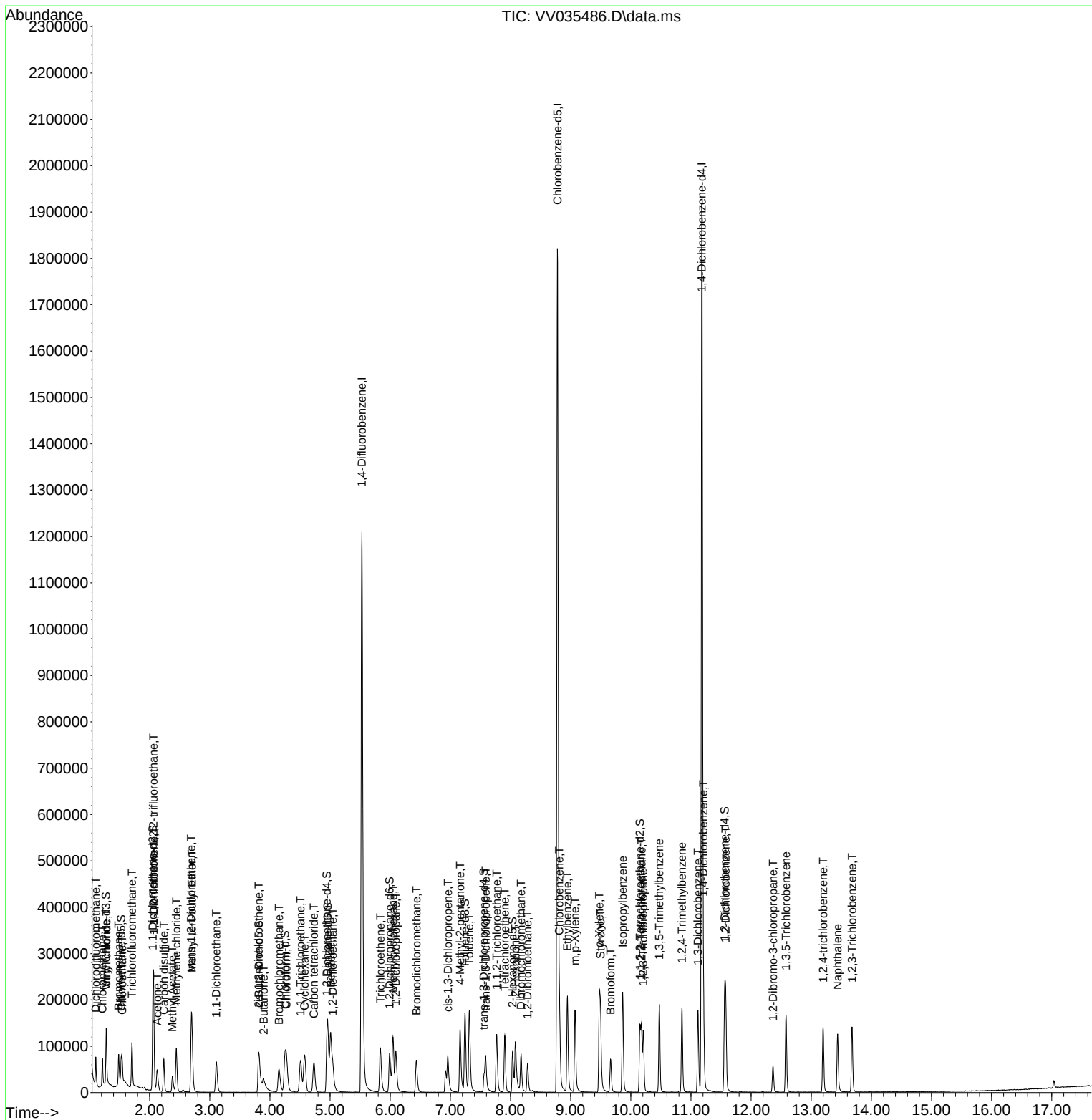
Instrument :
 MSVOA_V
 ClientSampleId :

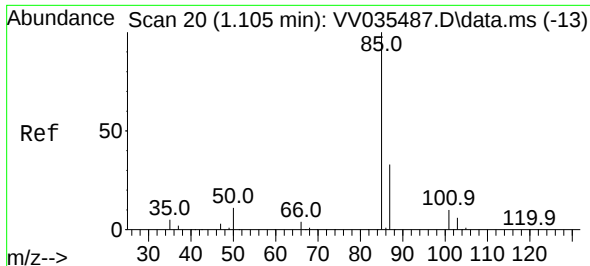
Quant Time: May 02 00:46:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 00:45:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	41657	5.160	ug/L	98
46) Tetrachloroethene	7.905	164	30203	5.180	ug/L	95
48) 2-Hexanone	8.082	43	74817	9.453	ug/L	96
49) Dibromochloromethane	8.175	129	43279	5.234	ug/L	99
50) 1,2-Dibromoethane	8.284	107	44299	5.391	ug/L	97
51) Chlorobenzene	8.812	112	104513	5.157	ug/L	99
52) Ethylbenzene	8.947	91	151422	4.826	ug/L	100
53) m,p-Xylene	9.072	106	52605	4.440	ug/L	97
54) o-Xylene	9.477	106	52208	4.481	ug/L	99
55) Styrene	9.497	104	87958	4.381	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	71156	5.364	ug/L	98
59) Bromoform	9.664	173	34147	5.492	ug/L	100
60) Isopropylbenzene	9.866	105	137551	4.685	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	55359	5.690	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	103424	4.391	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	100510	4.350	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	75917	5.021	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	83258	5.237	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	81128	5.227	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	15948	6.852	ug/L	87
69) 1,3,5-Trichlorobenzene	12.580	180	56594	5.195	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	45655	5.186	ug/L	99
71) Naphthalene	13.439	128	110288	5.408	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	47001	5.421	ug/L	98

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

Quant Time: May 02 00:46:23 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

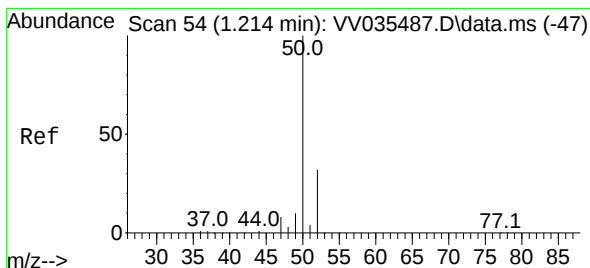
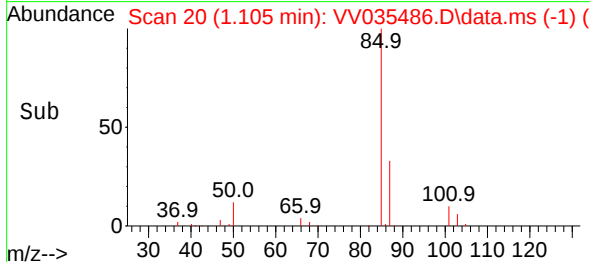
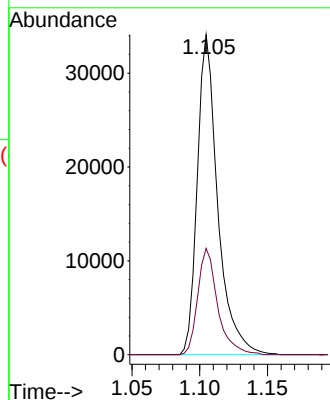
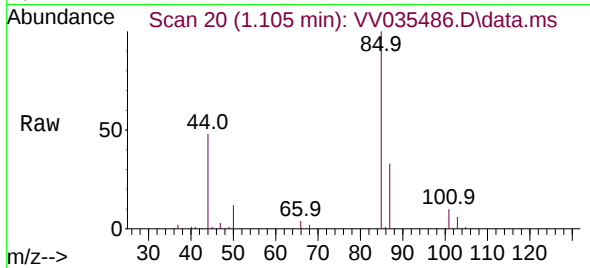




#2
 Dichlorodifluoromethane
 Concen: 4.579 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV035486.D
 Acq: 01 May 2024 10:32

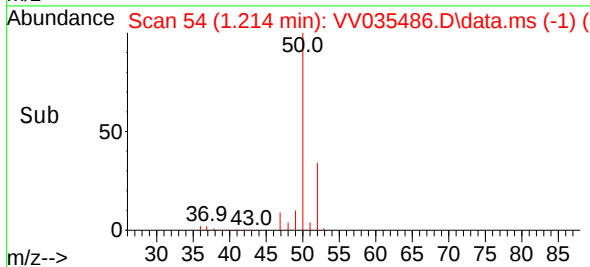
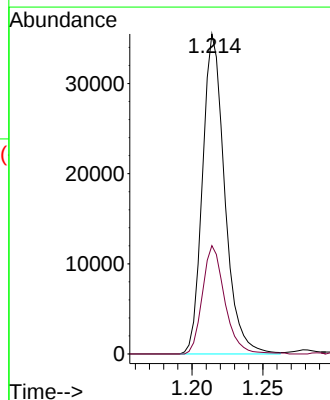
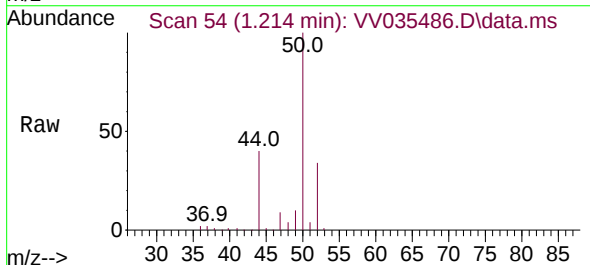
Instrument :
 MSVOA_V
 ClientSampleId :

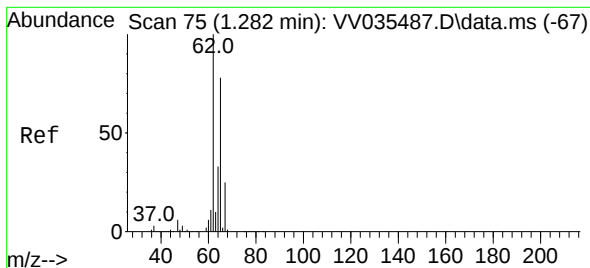
Tgt Ion: 85 Resp: 35761
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.8



#3
 Chloromethane
 Concen: 4.835 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV035486.D
 Acq: 01 May 2024 10:32

Tgt Ion: 50 Resp: 38708
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.6 42.0





#5

Vinyl chloride

Concen: 4.816 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

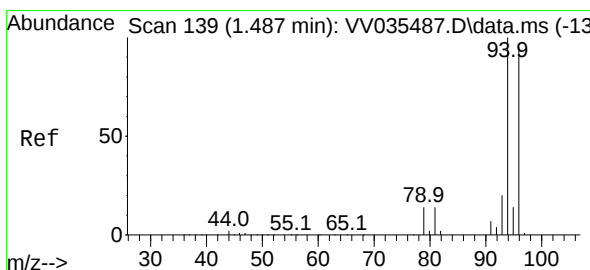
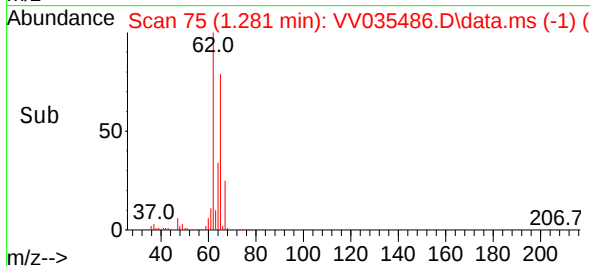
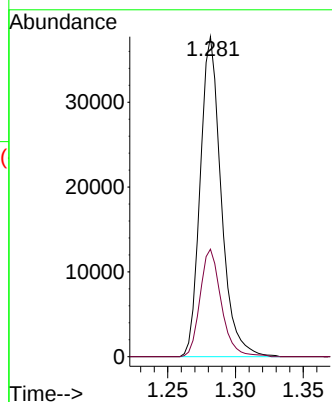
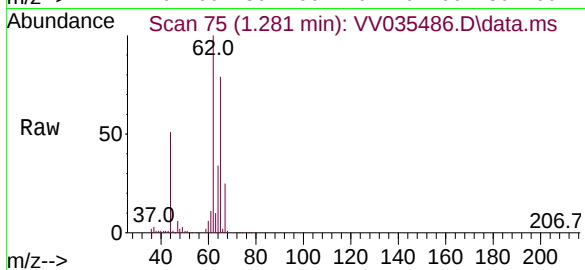
ClientSampleId :

Tgt Ion: 62 Resp: 40684

Ion Ratio Lower Upper

62 100

64 33.6 22.9 42.5



#6

Bromomethane

Concen: 5.052 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV035486.D

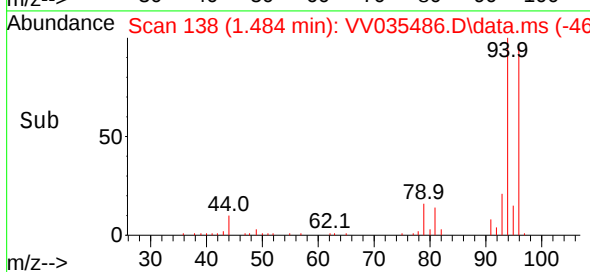
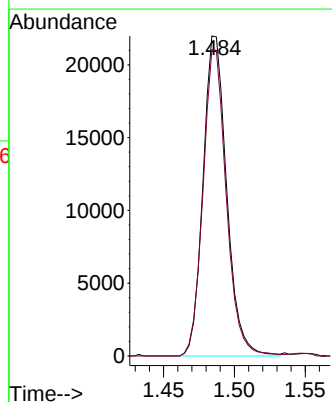
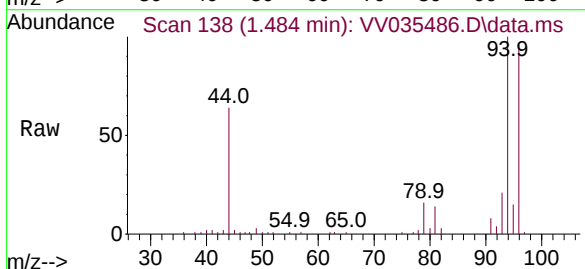
Acq: 01 May 2024 10:32

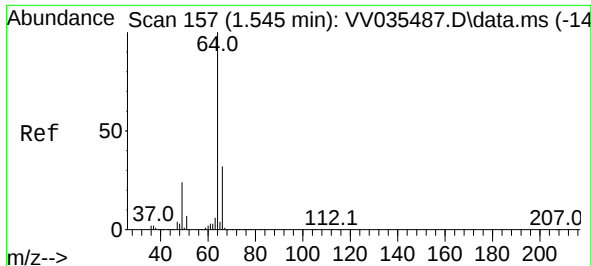
Tgt Ion: 94 Resp: 25452

Ion Ratio Lower Upper

94 100

96 95.7 66.2 123.0

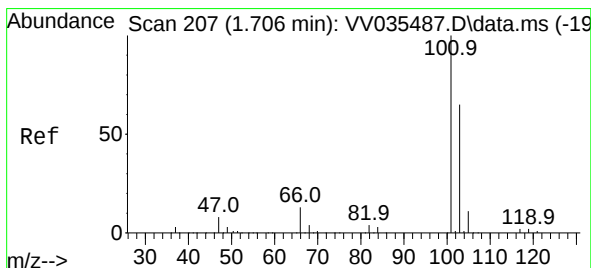
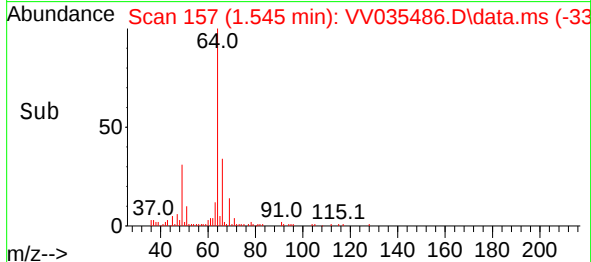
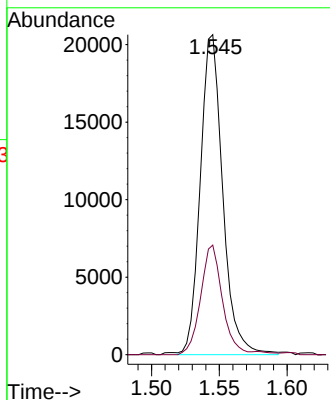
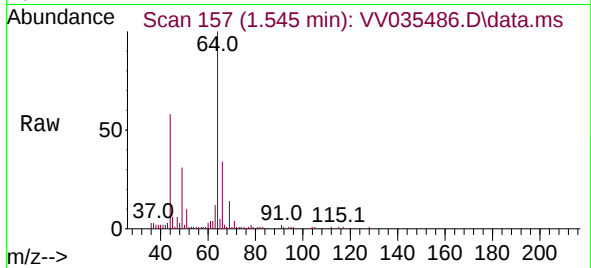




#8
Chloroethane
Concen: 6.058 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

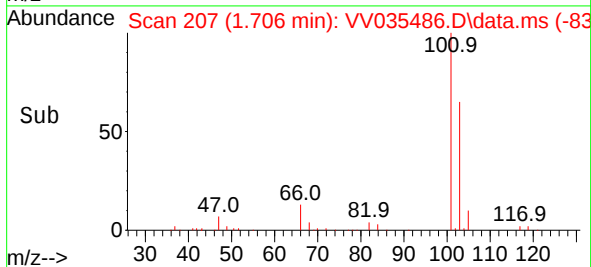
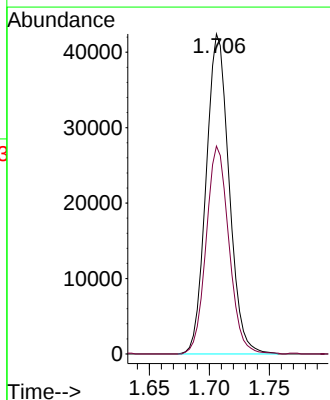
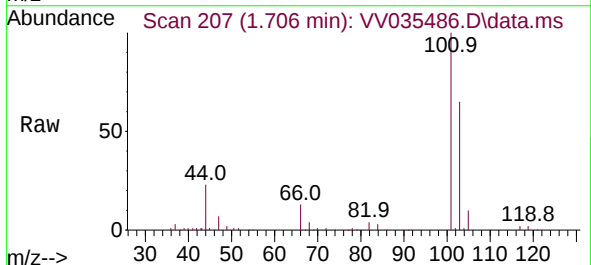
Instrument :
MSVOA_V
ClientSampleId :

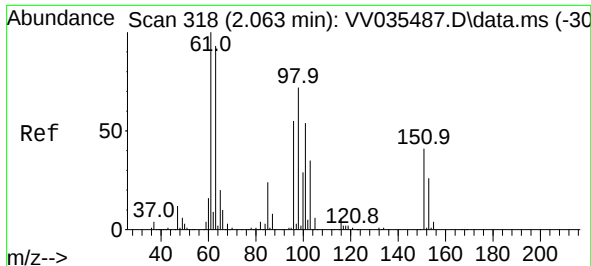
Tgt Ion: 64 Resp: 23774
Ion Ratio Lower Upper
64 100
66 34.3 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.946 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

Tgt Ion:101 Resp: 56484
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0





#10

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

Concen: 4.797 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :

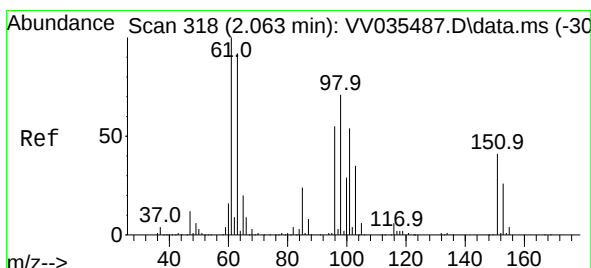
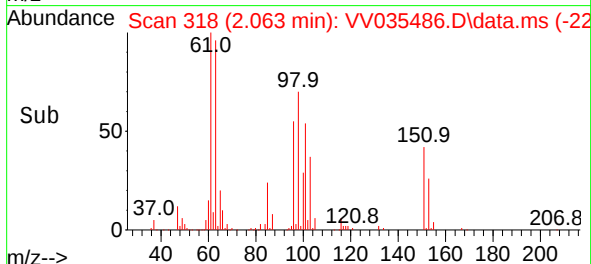
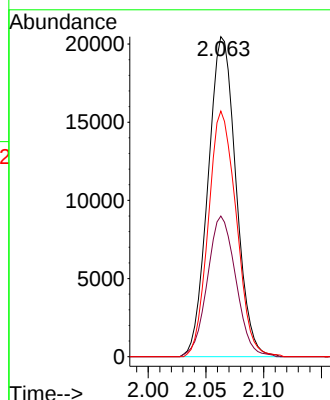
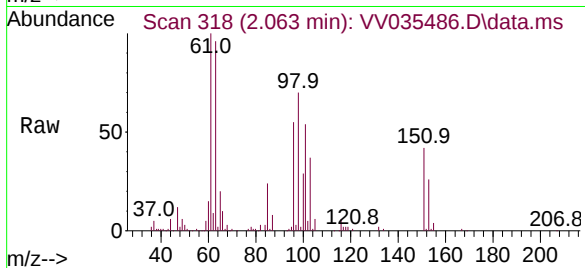
Tgt Ion:101 Resp: 34414

Ion Ratio Lower Upper

101 100

85 44.8 34.4 51.6

151 76.9 60.1 90.1



#12

1,1-Dichloroethene

Concen: 4.938 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

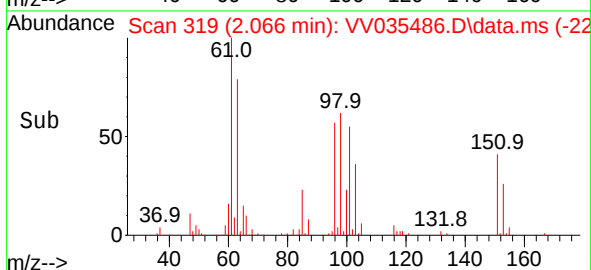
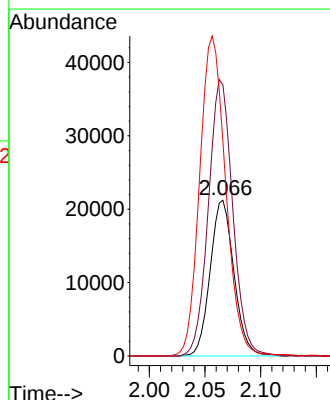
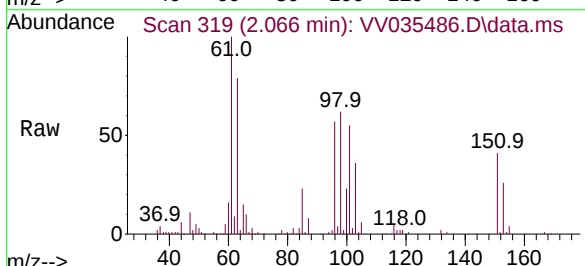
Tgt Ion: 96 Resp: 31511

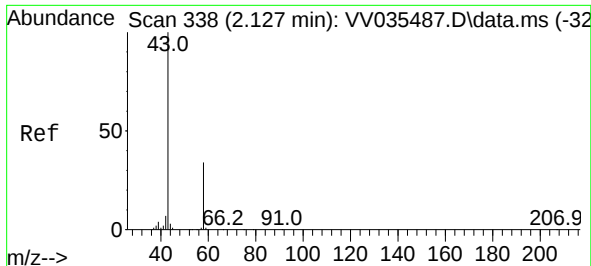
Ion Ratio Lower Upper

96 100

61 174.2 126.5 234.9

63 137.7 118.1 219.3





#13

Acetone

Concen: 10.618 ug/L

RT: 2.127 min Scan# 338

Delta R.T. -0.000 min

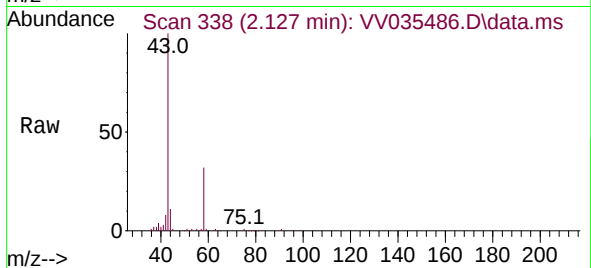
Lab File: VV035486.D

Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :

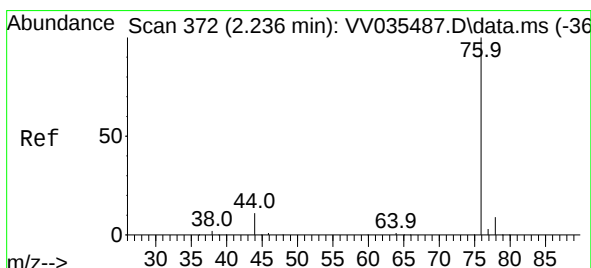
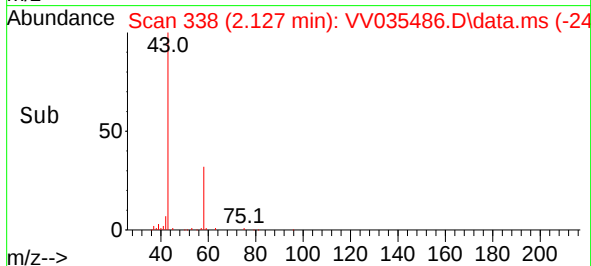
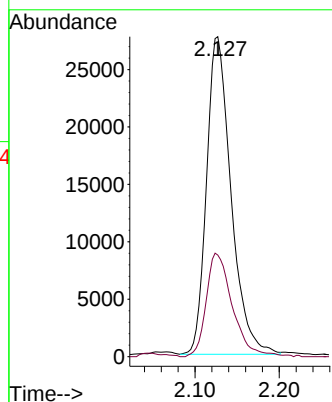


Tgt Ion: 43 Resp: 55878

Ion Ratio Lower Upper

43 100

58 34.7 0.0 68.8



#14

Carbon disulfide

Concen: 4.637 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV035486.D

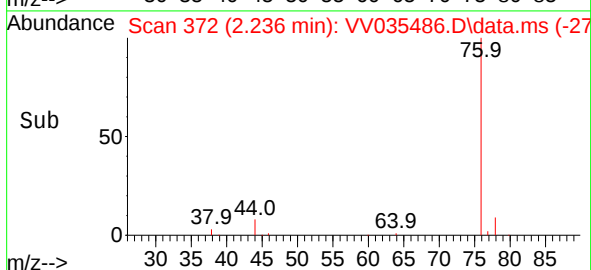
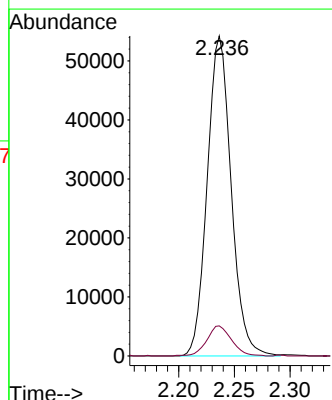
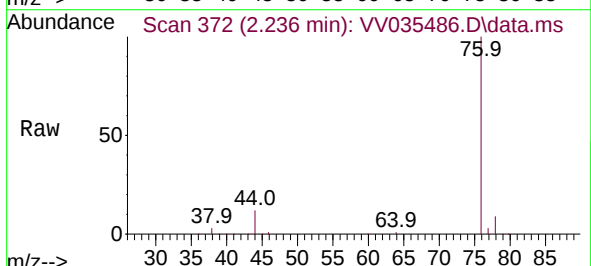
Acq: 01 May 2024 10:32

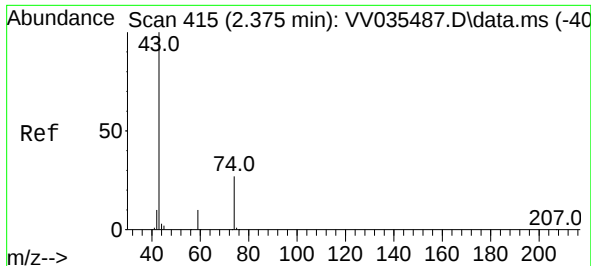
Tgt Ion: 76 Resp: 81154

Ion Ratio Lower Upper

76 100

78 9.4 7.6 11.4





#15

Methyl Acetate

Concen: 5.307 ug/L

RT: 2.378 min Scan# 415

Delta R.T. 0.003 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

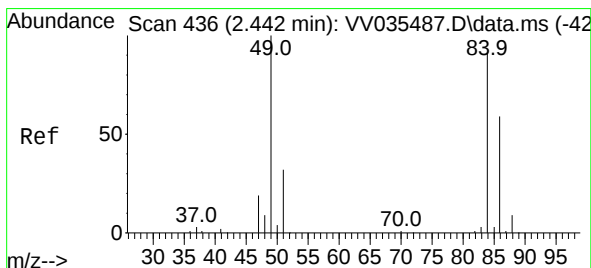
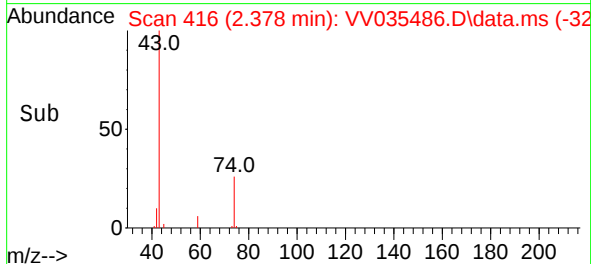
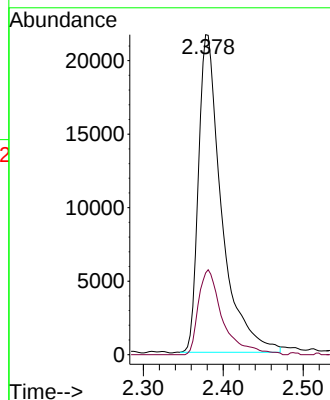
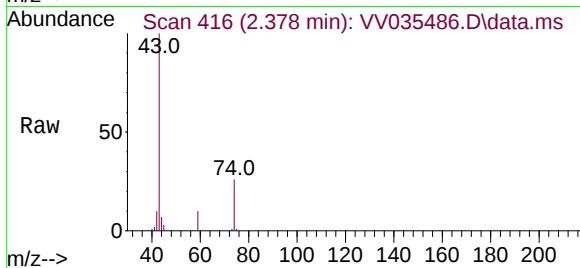
ClientSampleId :

Tgt Ion: 43 Resp: 43509

Ion Ratio Lower Upper

43 100

74 27.9 21.6 32.4



#16

Methylene chloride

Concen: 5.082 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

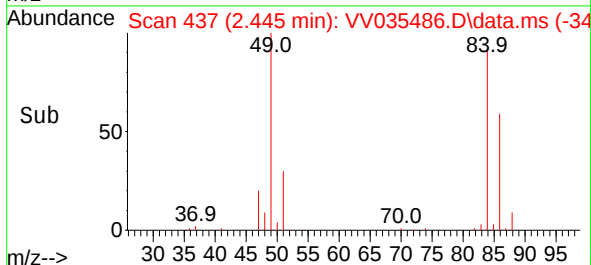
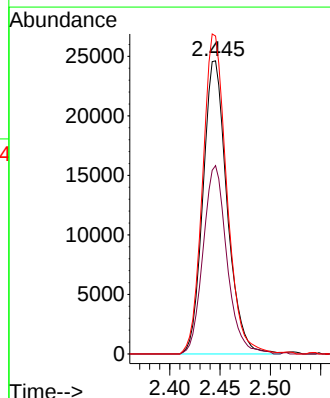
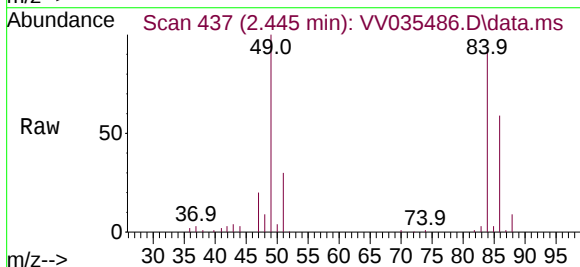
Tgt Ion: 84 Resp: 41096

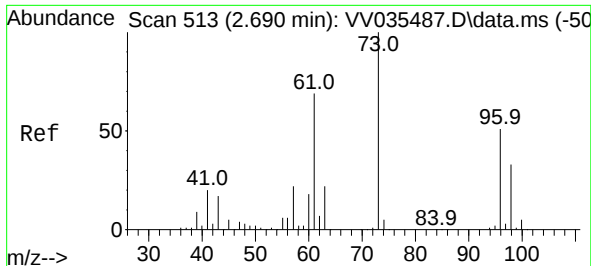
Ion Ratio Lower Upper

84 100

86 64.2 45.3 84.1

49 108.4 76.9 142.7





#17

trans-1,2-Dichloroethene

Concen: 4.679 ug/L

RT: 2.693 min Scan# 513

Delta R.T. 0.003 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :

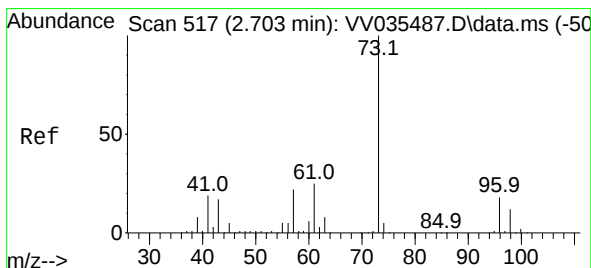
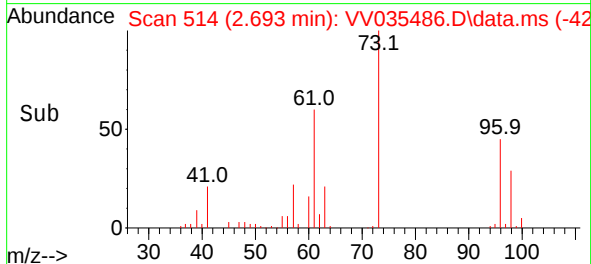
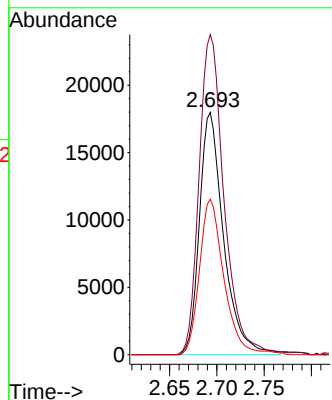
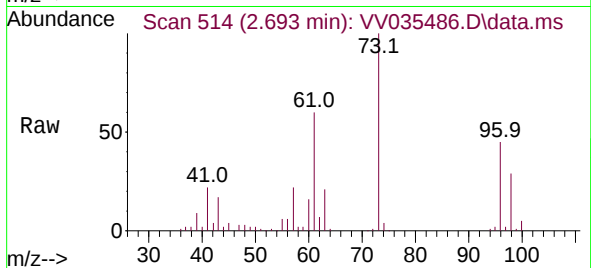
Tgt Ion: 96 Resp: 31971

Ion Ratio Lower Upper

96 100

61 132.1 95.5 177.3

98 64.2 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 4.737 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

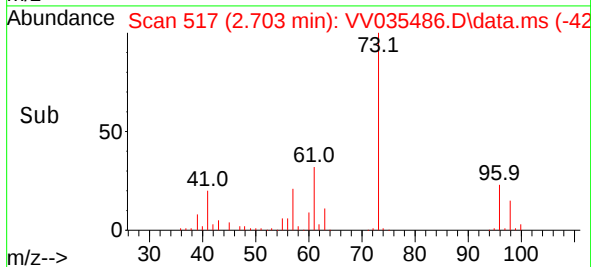
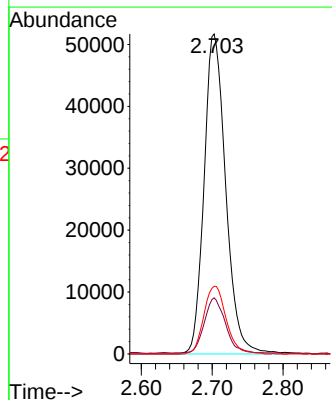
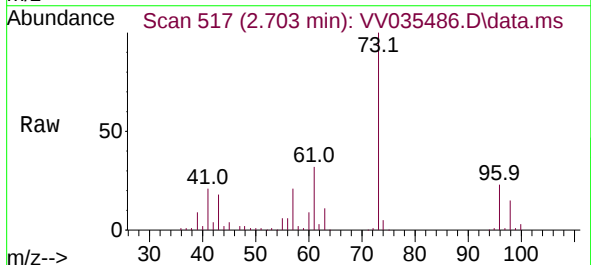
Tgt Ion: 73 Resp: 109794

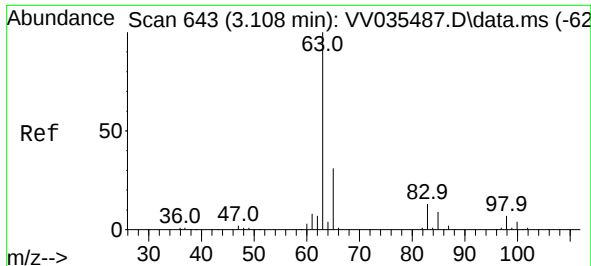
Ion Ratio Lower Upper

73 100

43 16.7 13.6 20.4

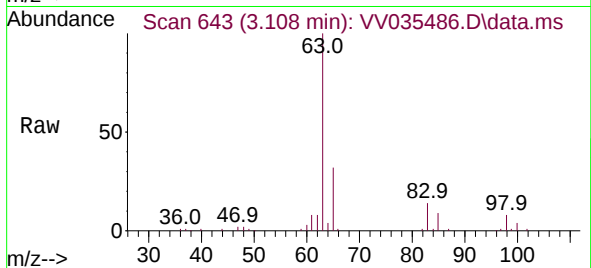
57 21.8 17.4 26.0



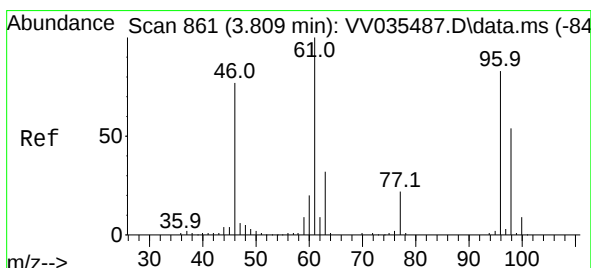
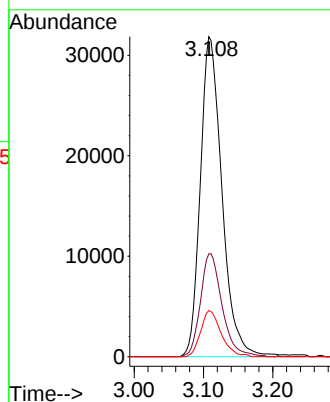
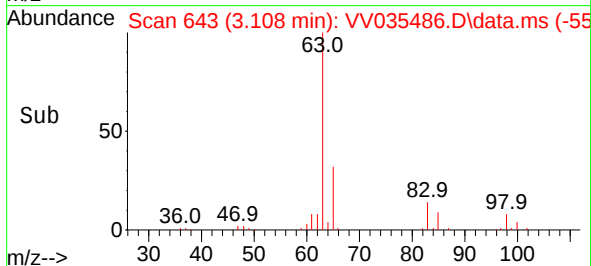


#19
1,1-Dichloroethane
Concen: 4.863 ug/L
RT: 3.108 min Scan# 643
Delta R.T. -0.000 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

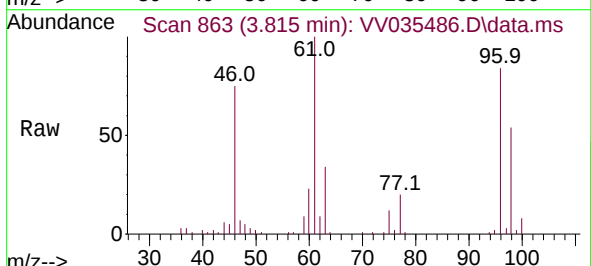
Instrument :
MSVOA_V
ClientSampleId :



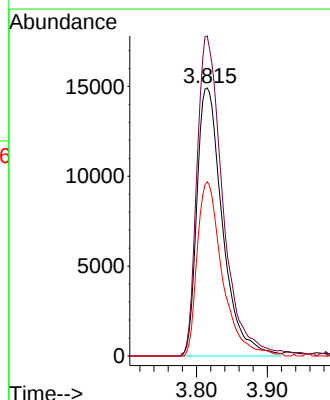
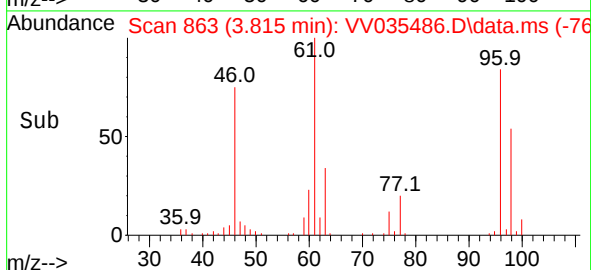
Tgt Ion: 63	Resp: 69066
Ion Ratio	Lower Upper
63 100	
65 32.1	21.8 40.4
83 14.4	9.2 17.2

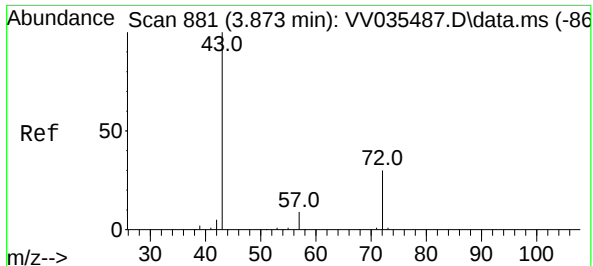


#20
cis-1,2-Dichloroethene
Concen: 4.815 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.006 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32



Tgt Ion: 96	Resp: 37400
Ion Ratio	Lower Upper
96 100	
61 119.4	84.0 156.0
98 65.0	44.9 83.5

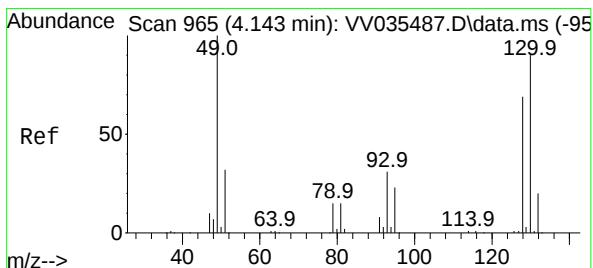
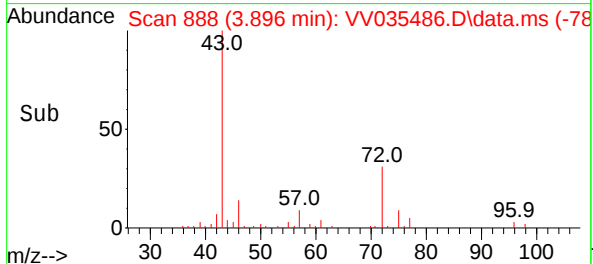
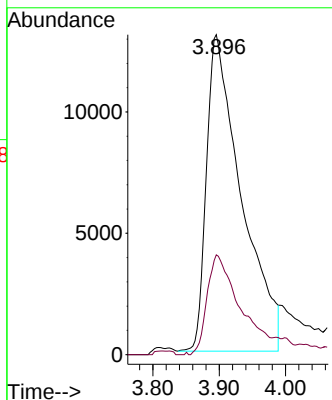
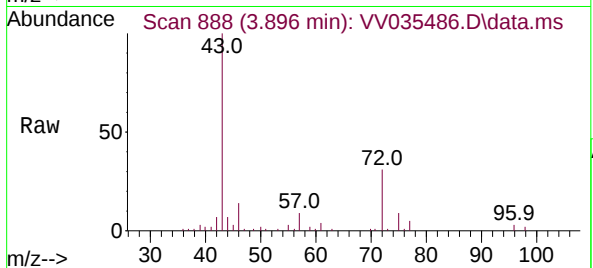




#22
2-Butanone
Concen: 8.009 ug/L
RT: 3.896 min Scan# 881
Delta R.T. 0.022 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

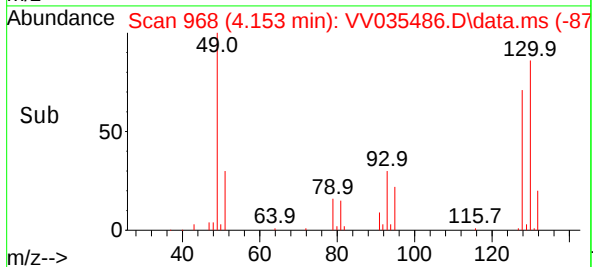
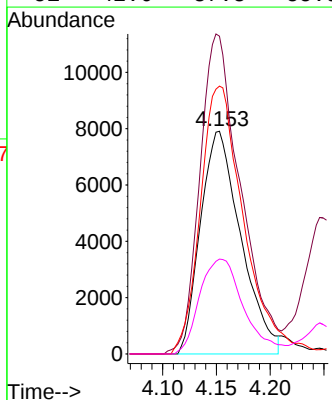
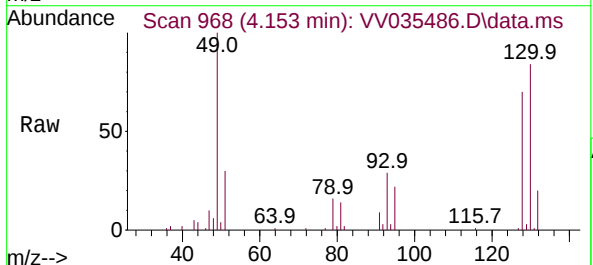
Instrument :
MSVOA_V
ClientSampleId :

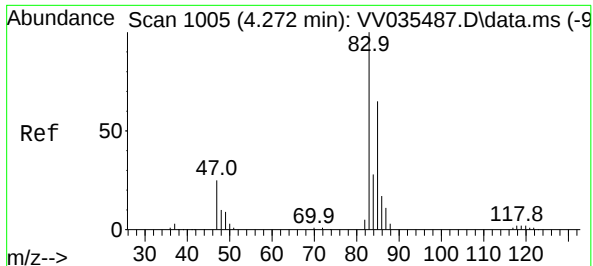
Tgt Ion: 43 Resp: 47590
Ion Ratio Lower Upper
43 100
72 29.8 14.4 43.0



#23
Bromochloromethane
Concen: 4.770 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.010 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

Tgt Ion: 128 Resp: 20646
Ion Ratio Lower Upper
128 100
49 142.6 102.0 189.4
130 120.2 91.5 169.9
51 42.6 37.3 55.9





#25

Chloroform

Concen: 4.933 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

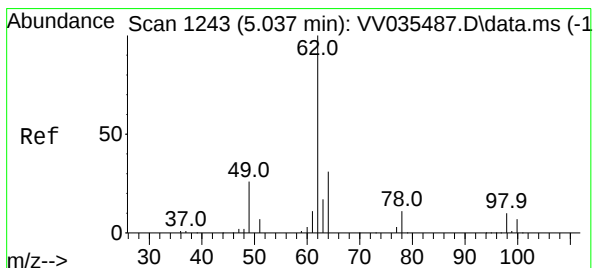
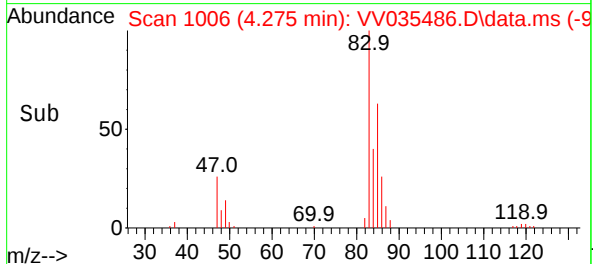
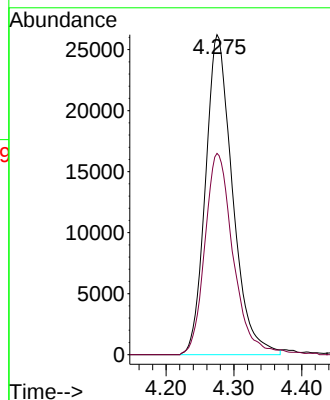
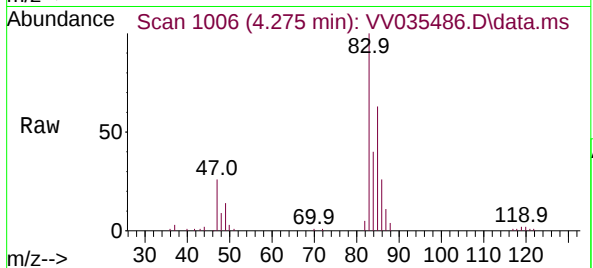
ClientSampleId :

Tgt Ion: 83 Resp: 72507

Ion Ratio Lower Upper

83 100

85 62.9 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.776 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.006 min

Lab File: VV035486.D

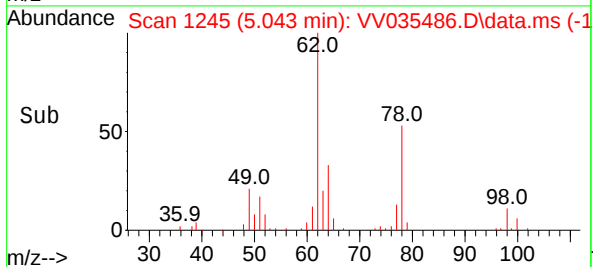
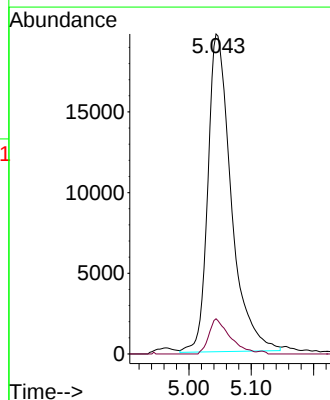
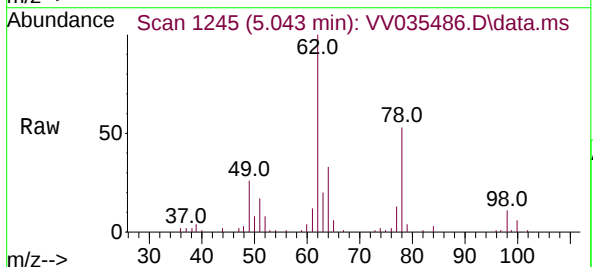
Acq: 01 May 2024 10:32

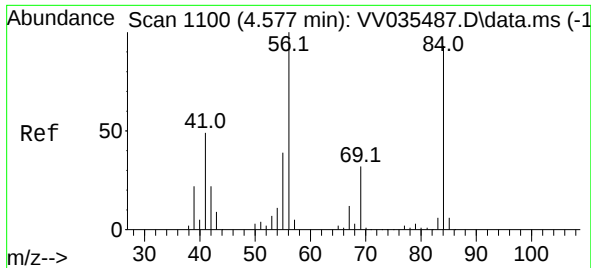
Tgt Ion: 62 Resp: 51252

Ion Ratio Lower Upper

62 100

98 11.0 8.2 12.2





#29

Cyclohexane

Concen: 4.446 ug/L

RT: 4.574 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035486.D

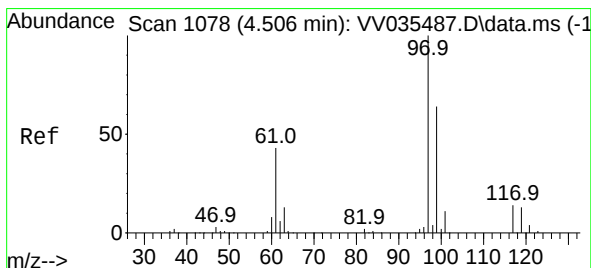
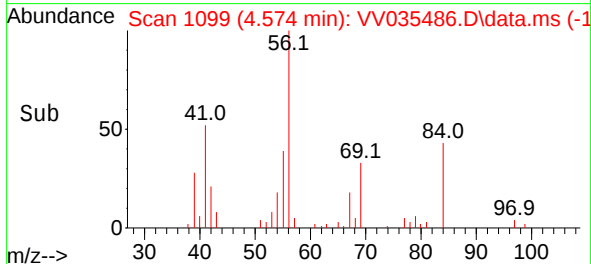
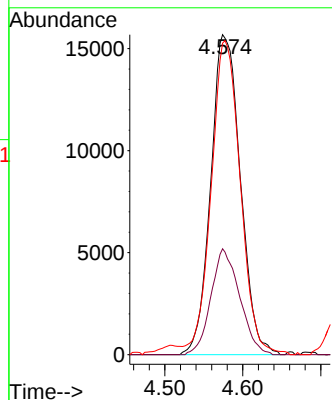
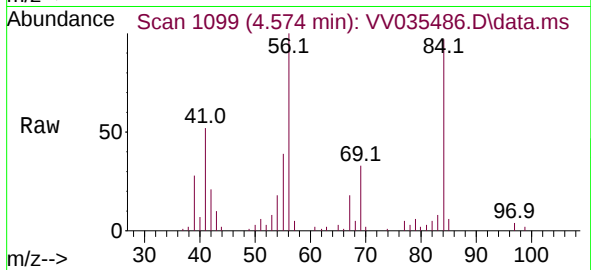
Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 56	Resp: 41445
Ion Ratio	Lower Upper
56	100
69	32.0 25.5 38.3
84	94.4 73.6 110.4



#30

1,1,1-Trichloroethane

Concen: 5.212 ug/L

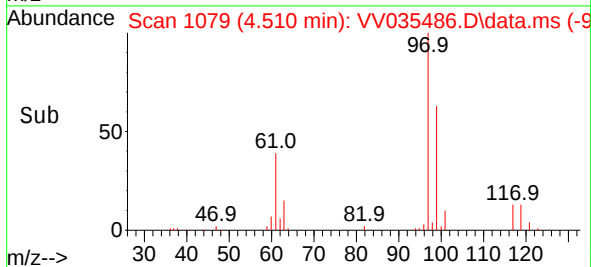
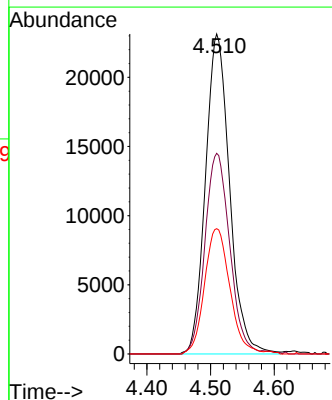
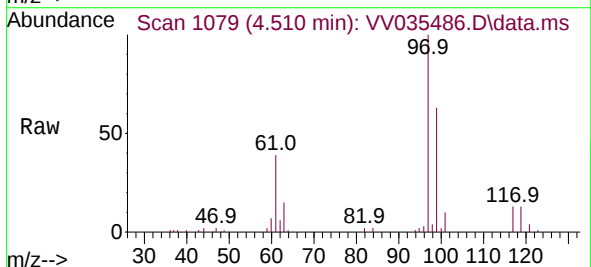
RT: 4.510 min Scan# 1079

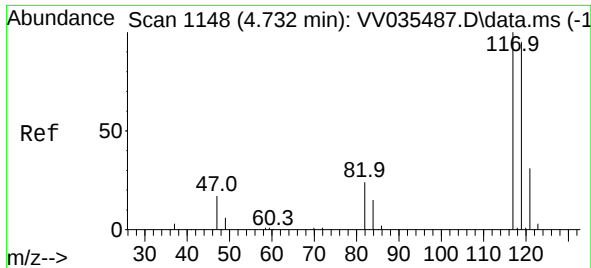
Delta R.T. 0.003 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

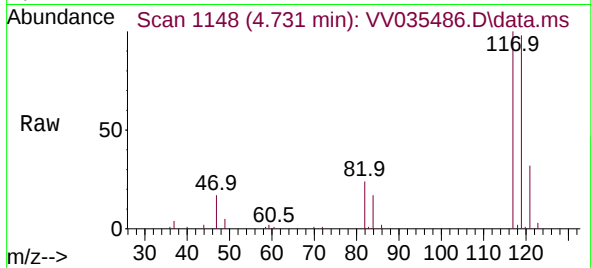
Tgt Ion: 97	Resp: 60968
Ion Ratio	Lower Upper
97	100
99	64.4 51.9 77.9
61	41.1 34.1 51.1



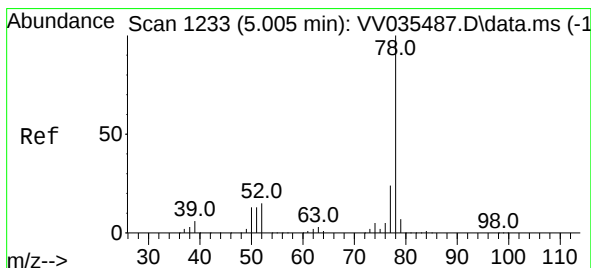
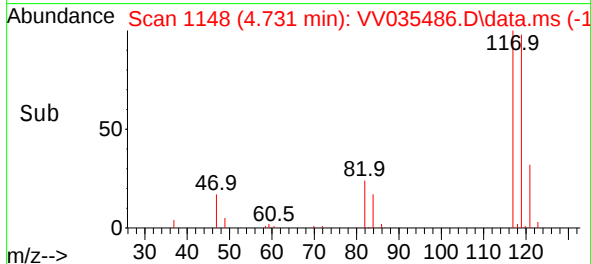
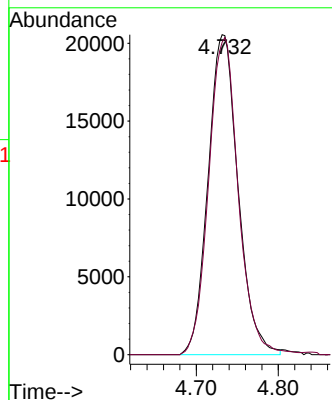


#31
Carbon tetrachloride
Concen: 5.109 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

Instrument :
MSVOA_V
ClientSampleId :

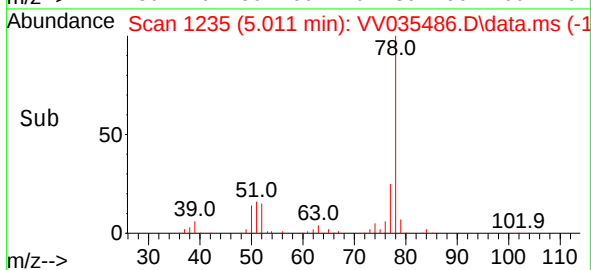
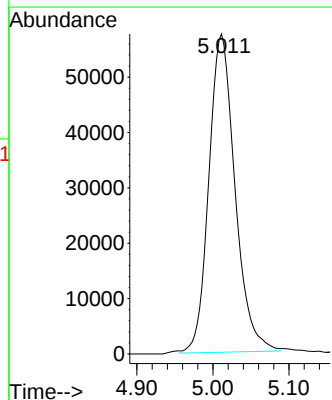
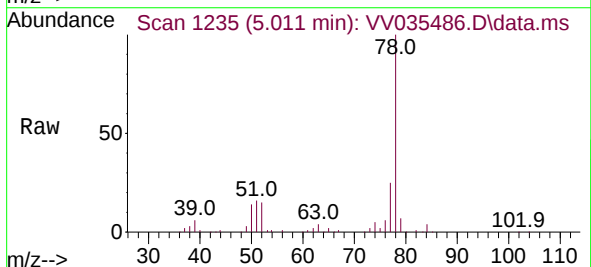


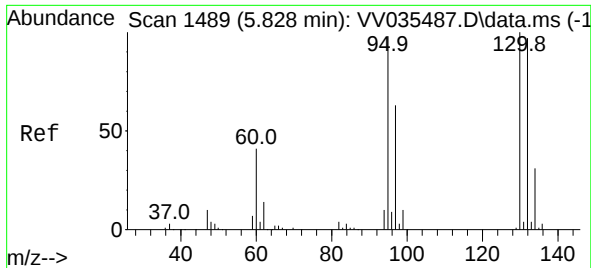
Tgt Ion:117 Resp: 52212
Ion Ratio Lower Upper
117 100
119 97.9 76.5 114.7



#33
Benzene
Concen: 4.984 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

Tgt Ion: 78 Resp: 137386

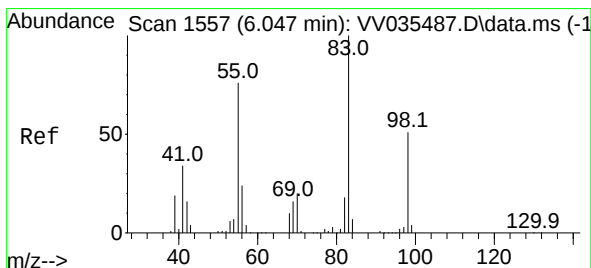
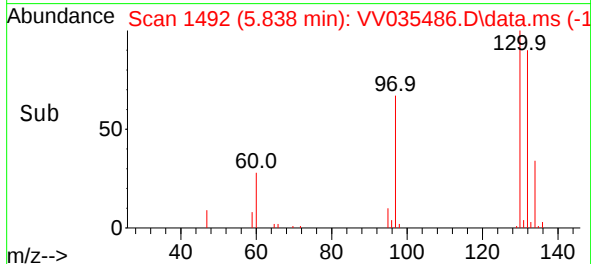
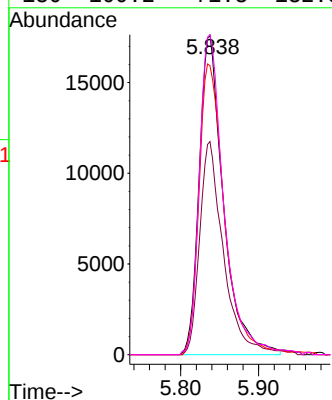
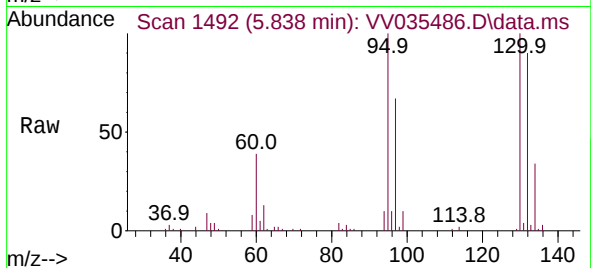




#34
Trichloroethene
Concen: 5.138 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

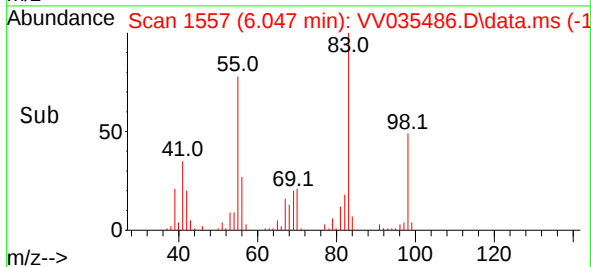
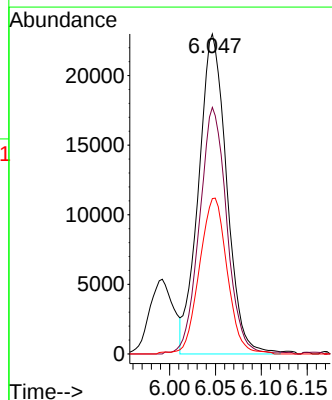
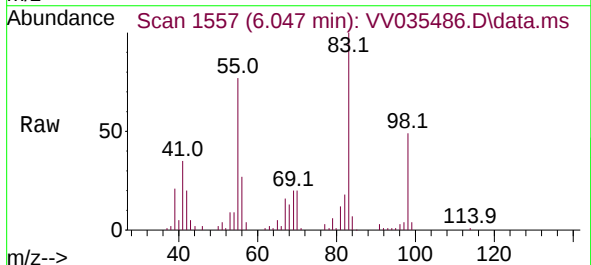
Instrument :
MSVOA_V
ClientSampleId :

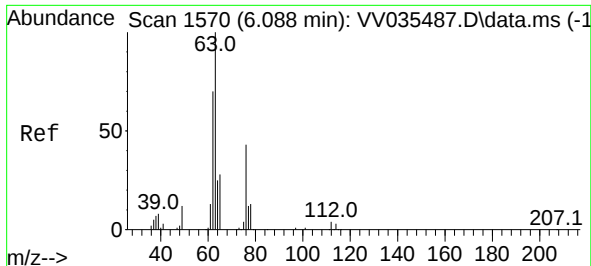
Tgt Ion: 95 Resp: 38113
Ion Ratio Lower Upper
95 100
97 66.7 45.1 83.9
132 90.5 69.4 128.8
130 100.2 71.3 132.3



#35
Methylcyclohexane
Concen: 4.589 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

Tgt Ion: 83 Resp: 48951
Ion Ratio Lower Upper
83 100
55 74.9 57.5 86.3
98 48.1 38.9 58.3





#37

1,2-Dichloropropane

Concen: 4.833 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

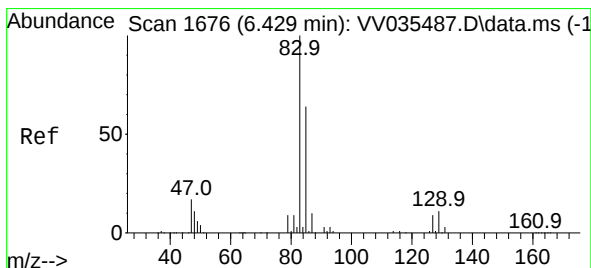
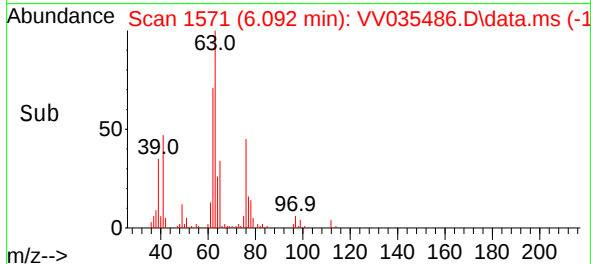
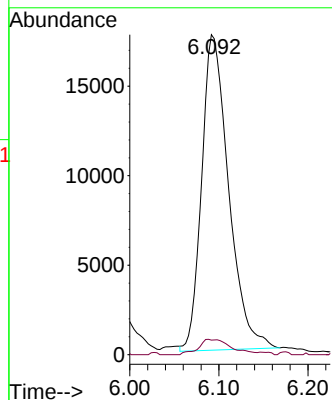
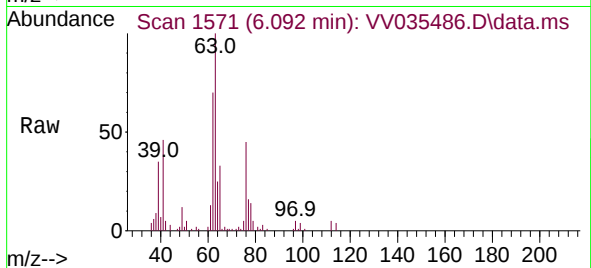
ClientSampleId :

Tgt Ion: 63 Resp: 37112

Ion Ratio Lower Upper

63 100

112 2.5 3.4 5.2#



#38

Bromodichloromethane

Concen: 5.045 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

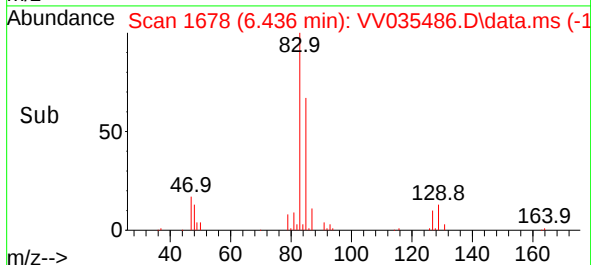
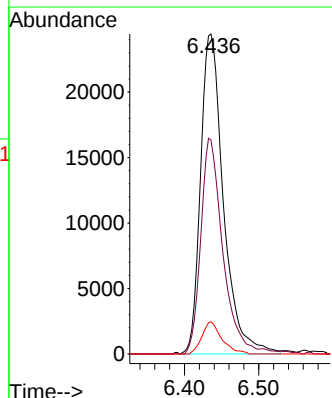
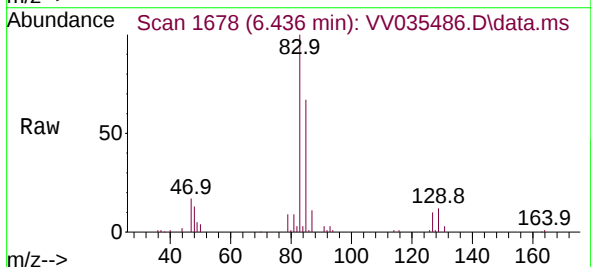
Tgt Ion: 83 Resp: 52402

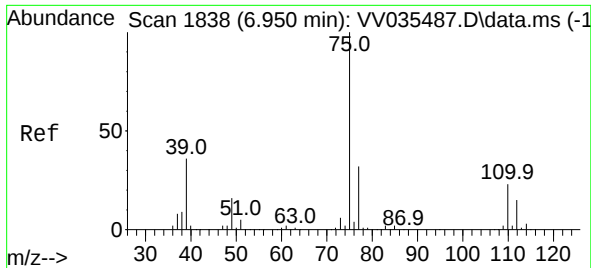
Ion Ratio Lower Upper

83 100

85 66.9 45.1 83.9

127 11.3 6.9 10.3#

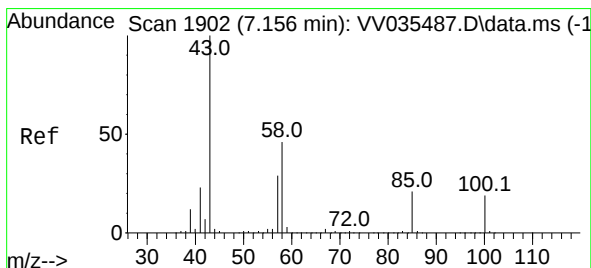
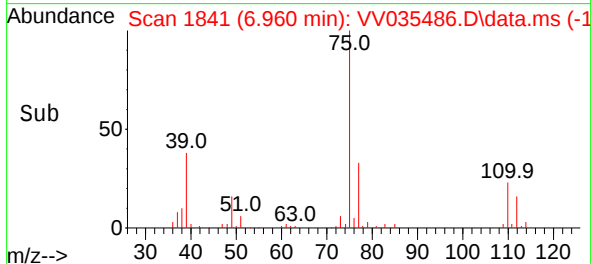
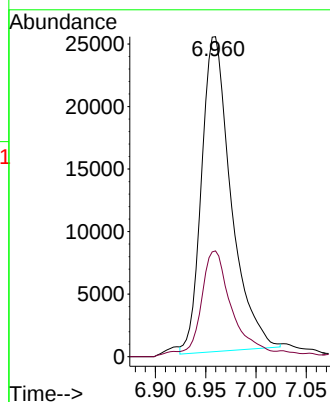
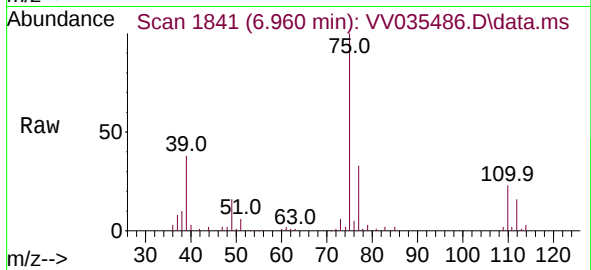




#39
 cis-1,3-Dichloropropene
 Concen: 4.453 ug/L
 RT: 6.960 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VV035486.D
 Acq: 01 May 2024 10:32

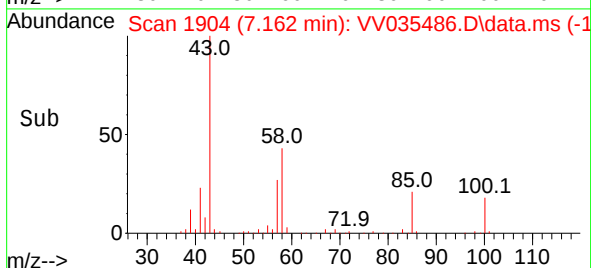
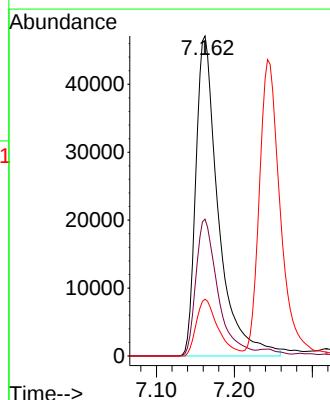
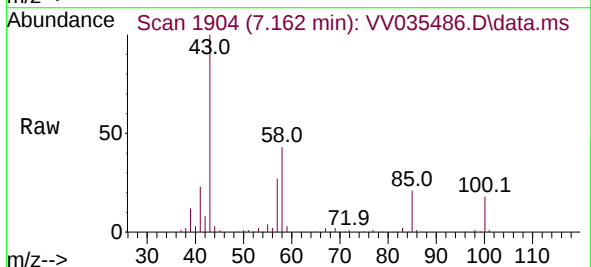
Instrument :
 MSVOA_V
 ClientSampleId :

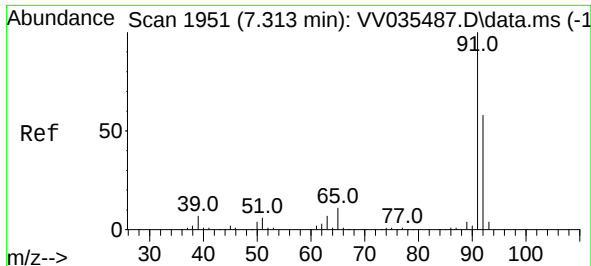
Tgt Ion: 75 Resp: 51405
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 10.105 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VV035486.D
 Acq: 01 May 2024 10:32

Tgt Ion: 43 Resp: 94698
 Ion Ratio Lower Upper
 43 100
 58 41.8 36.1 54.1
 100 17.2 15.0 22.4





#42

Toluene

Concen: 4.929 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

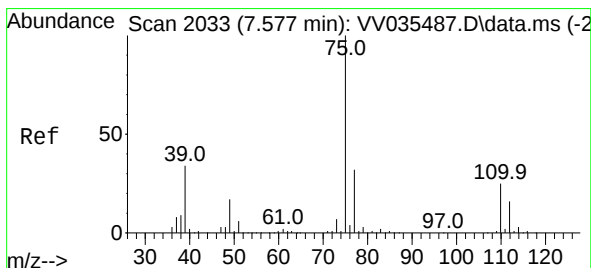
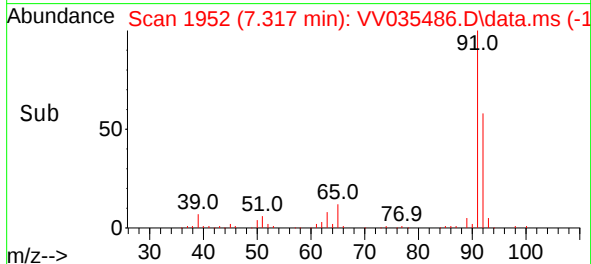
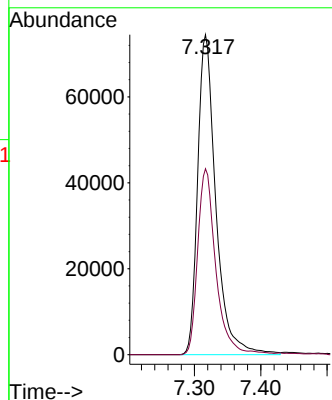
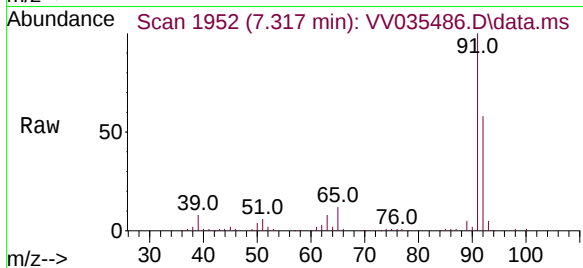
ClientSampleId :

Tgt Ion: 91 Resp: 141782

Ion Ratio Lower Upper

91 100

92 58.1 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.789 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.010 min

Lab File: VV035486.D

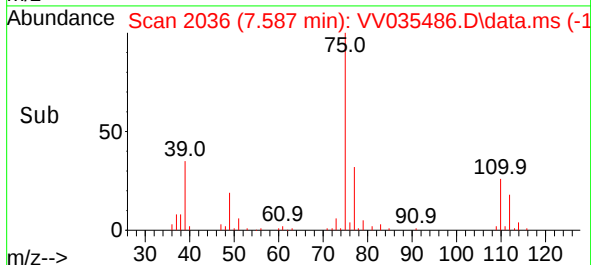
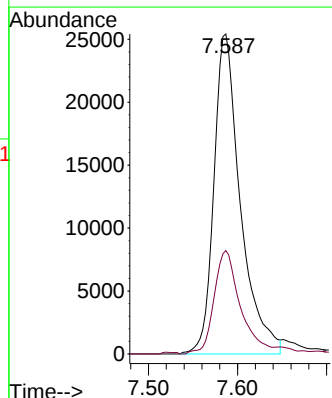
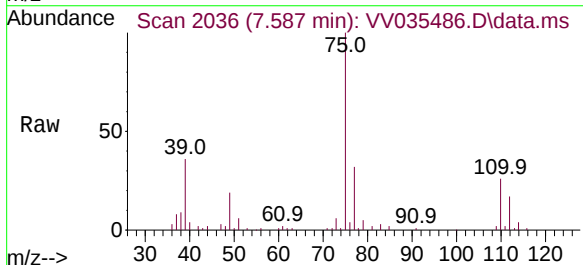
Acq: 01 May 2024 10:32

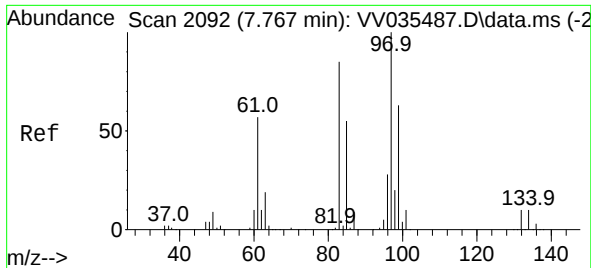
Tgt Ion: 75 Resp: 52565

Ion Ratio Lower Upper

75 100

77 32.3 22.4 41.6

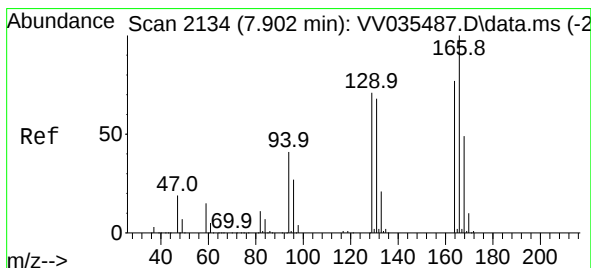
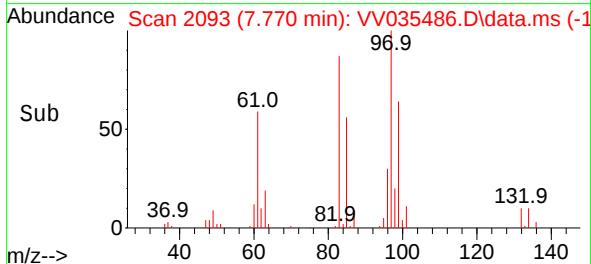
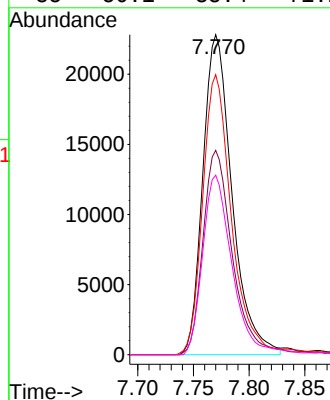
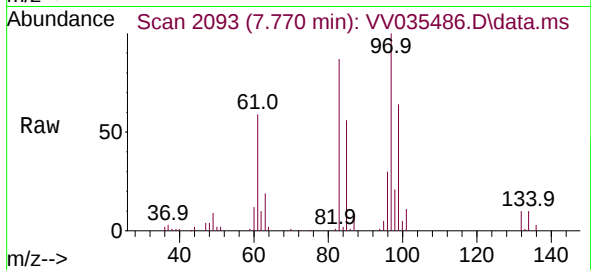




#45
1,1,2-Trichloroethane
Concen: 5.160 ug/L
RT: 7.770 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

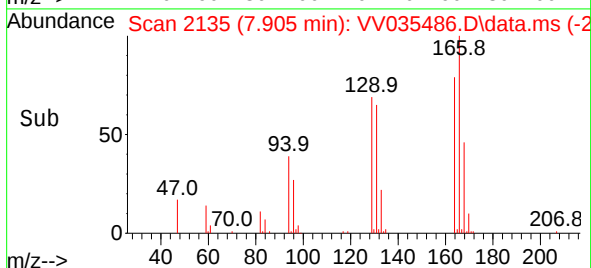
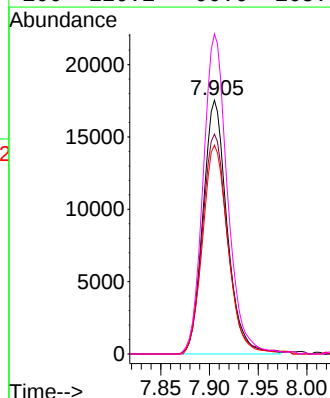
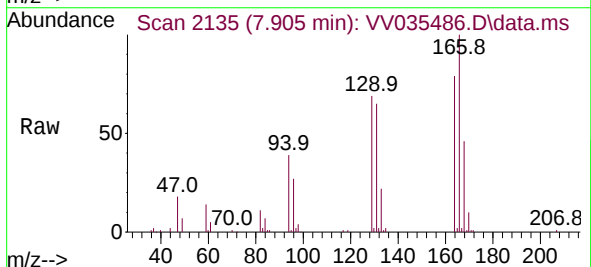
Instrument :
MSVOA_V
ClientSampleId :

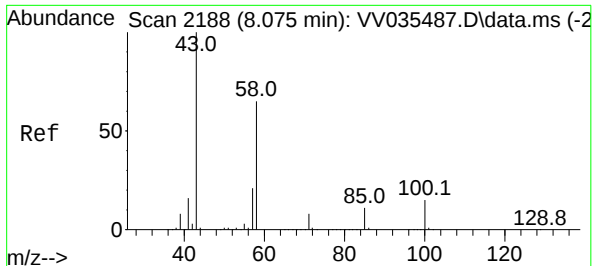
Tgt Ion:	97	Resp:	41657
Ion	Ratio	Lower	Upper
97	100		
99	63.9	44.2	82.2
83	87.5	59.3	110.1
85	56.1	38.4	71.2



#46
Tetrachloroethene
Concen: 5.180 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

Tgt Ion:	164	Resp:	30203
Ion	Ratio	Lower	Upper
164	100		
129	86.6	64.7	120.1
131	82.3	61.5	114.1
166	126.1	90.6	168.3





#48

2-Hexanone

Concen: 9.453 ug/L

RT: 8.082 min Scan# 2188

Delta R.T. 0.006 min

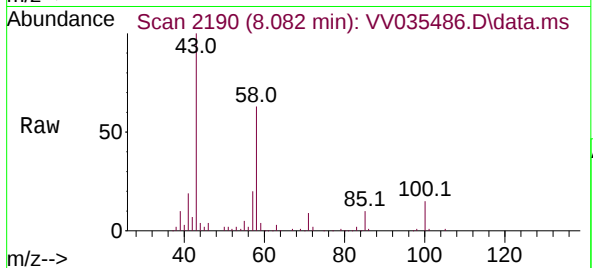
Lab File: VV035486.D

Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 74817

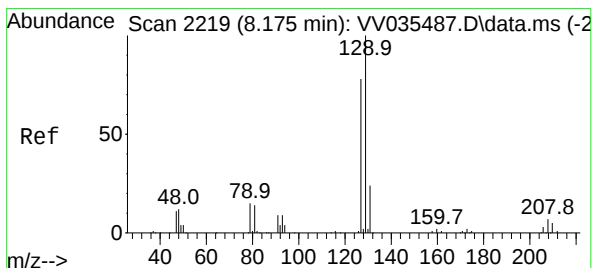
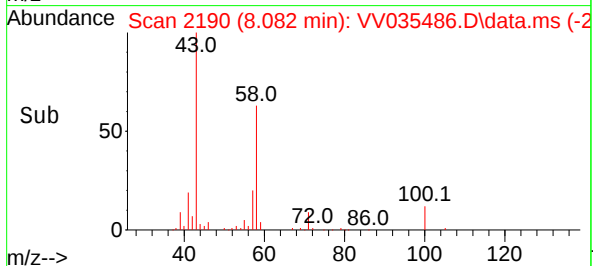
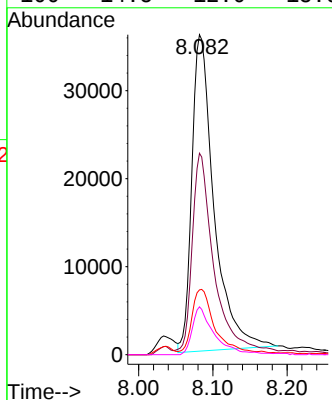
Ion Ratio Lower Upper

43 100

58 60.1 50.8 76.2

57 19.9 17.6 26.4

100 14.5 12.0 18.0



#49

Dibromochloromethane

Concen: 5.234 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV035486.D

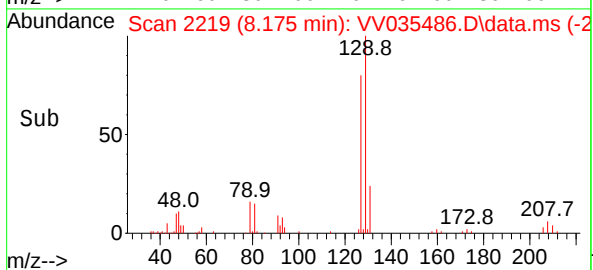
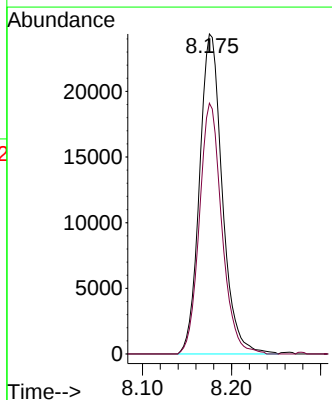
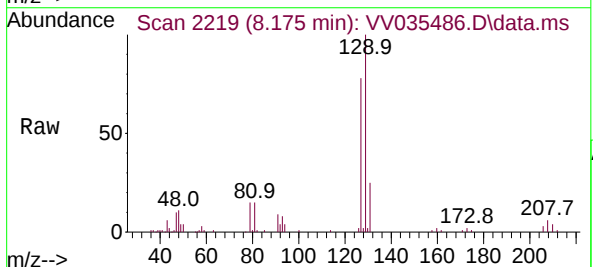
Acq: 01 May 2024 10:32

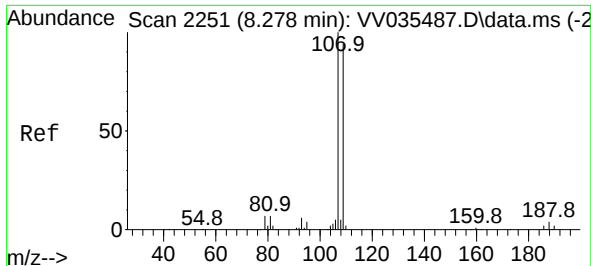
Tgt Ion: 129 Resp: 43279

Ion Ratio Lower Upper

129 100

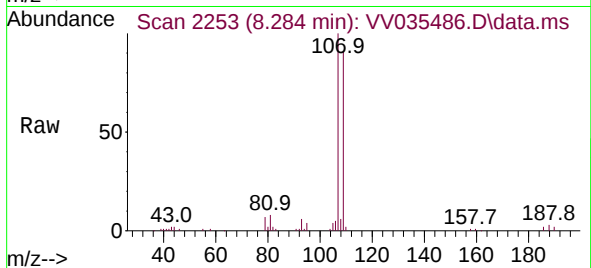
127 78.4 54.3 100.8



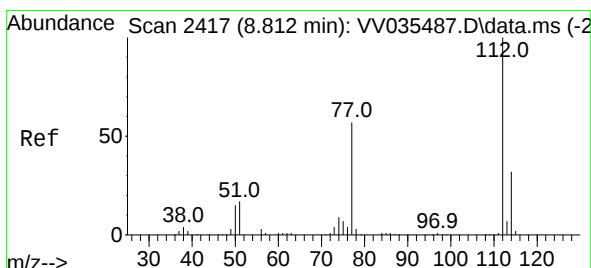
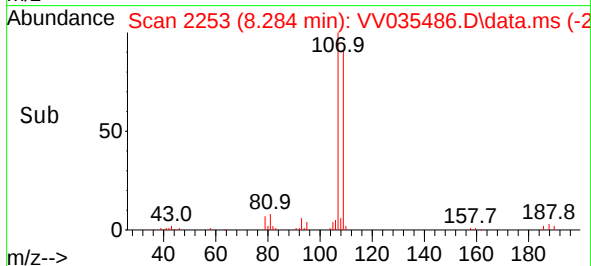
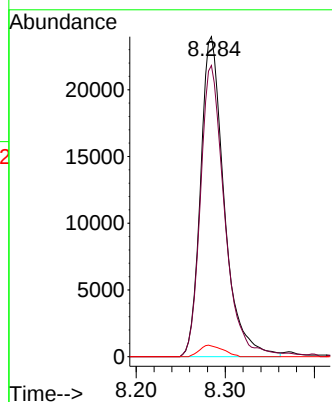


#50
1,2-Dibromoethane
Concen: 5.391 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

Instrument :
MSVOA_V
ClientSampleId :

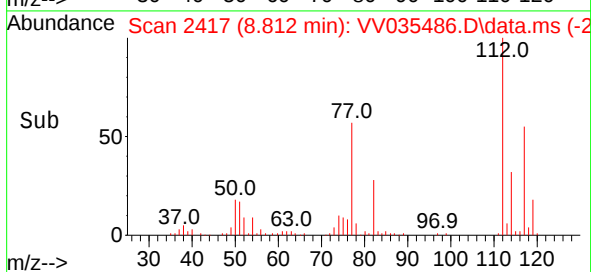
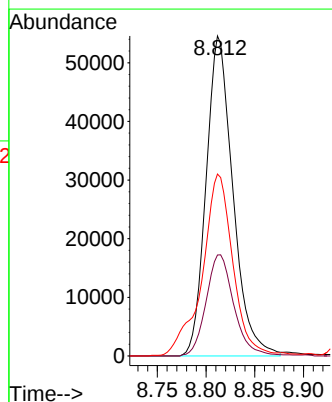
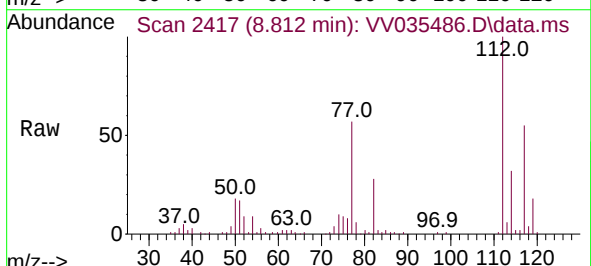


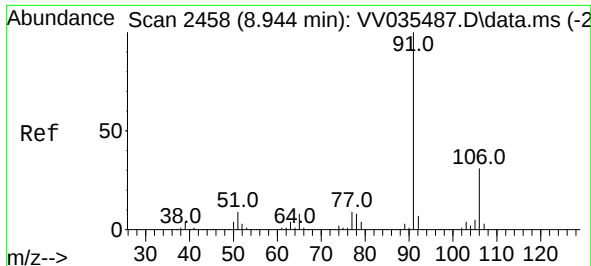
Tgt Ion:107 Resp: 44299
Ion Ratio Lower Upper
107 100
109 91.0 65.7 122.1
188 3.4 3.1 4.7



#51
Chlorobenzene
Concen: 5.157 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

Tgt Ion:112 Resp: 104513
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 56.8 45.9 68.9





#52

Ethylbenzene

Concen: 4.826 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

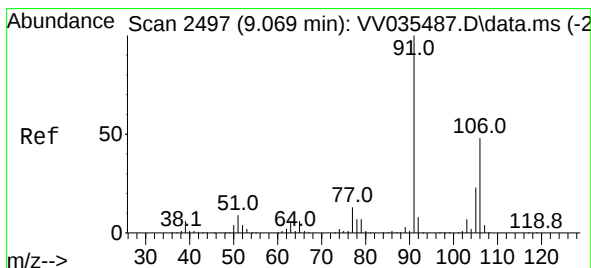
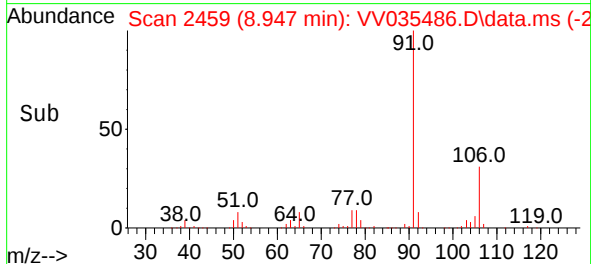
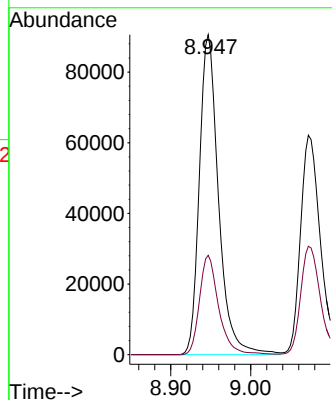
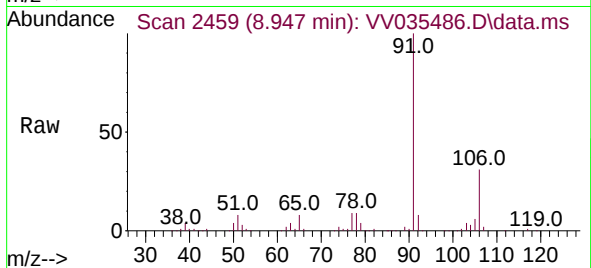
ClientSampleId :

Tgt Ion: 91 Resp: 151422

Ion Ratio Lower Upper

91 100

106 31.0 21.6 40.0



#53

m,p-Xylene

Concen: 4.440 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV035486.D

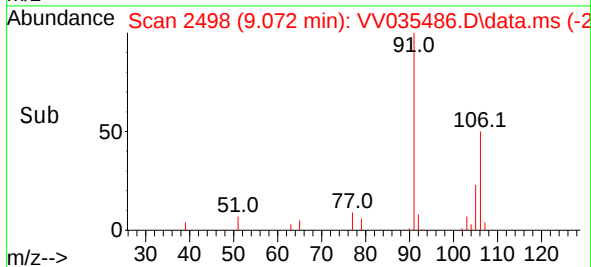
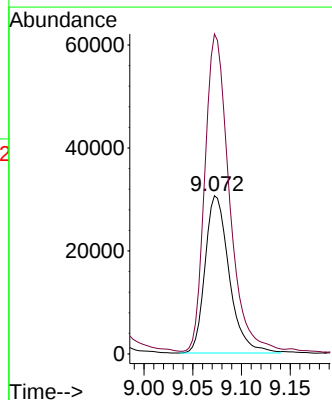
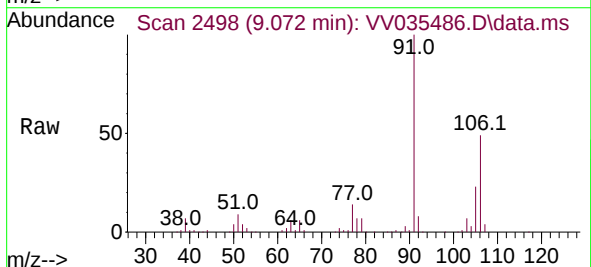
Acq: 01 May 2024 10:32

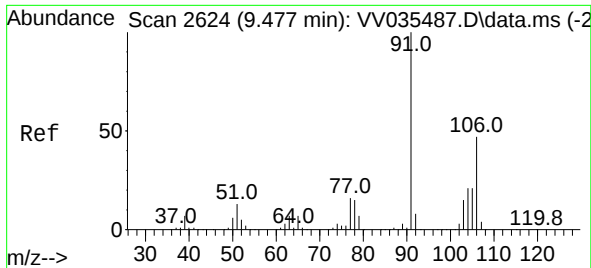
Tgt Ion: 106 Resp: 52605

Ion Ratio Lower Upper

106 100

91 202.2 144.8 268.8

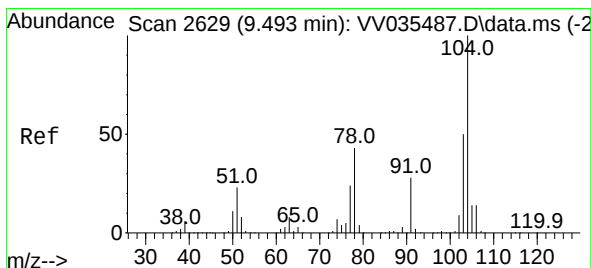
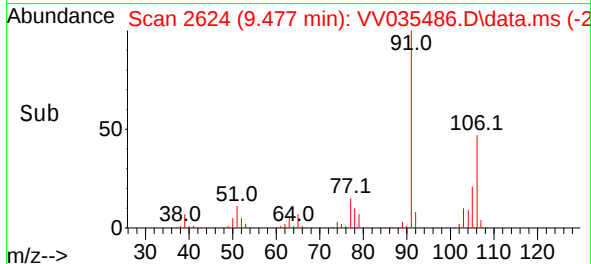
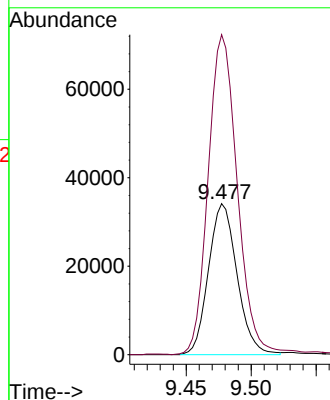
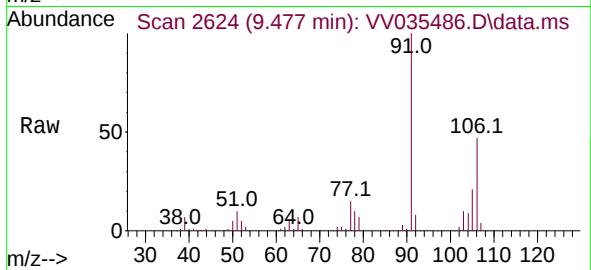




#54
o-Xylene
Concen: 4.481 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

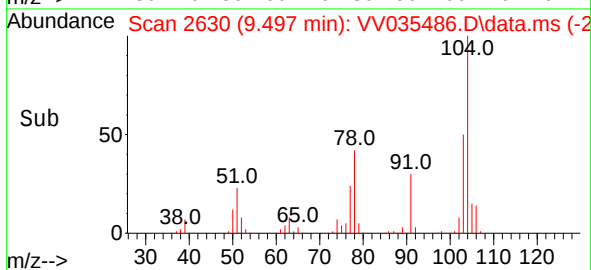
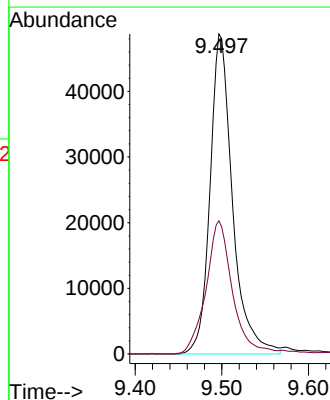
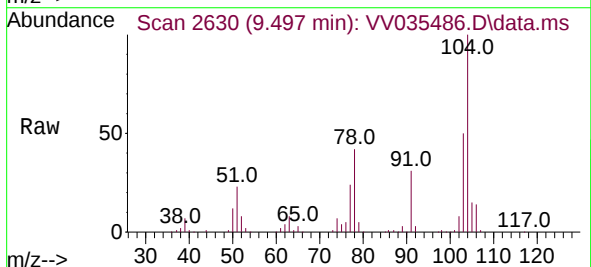
Instrument :
MSVOA_V
ClientSampleId :

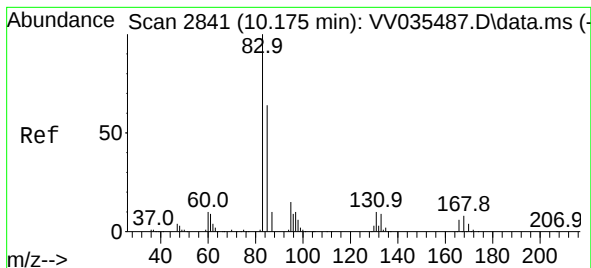
Tgt Ion:106 Resp: 52208
Ion Ratio Lower Upper
106 100
91 211.9 149.9 278.3



#55
Styrene
Concen: 4.381 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

Tgt Ion:104 Resp: 87958
Ion Ratio Lower Upper
104 100
78 41.6 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.364 ug/L

RT: 10.178 min Scan# 2841

Delta R.T. 0.003 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :

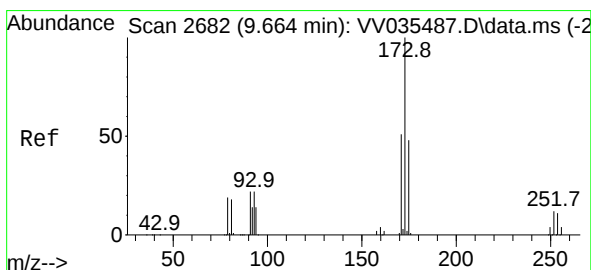
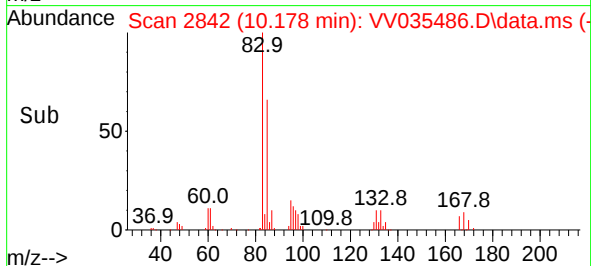
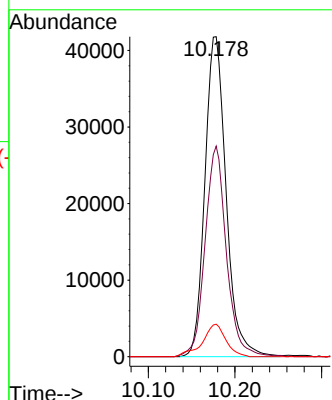
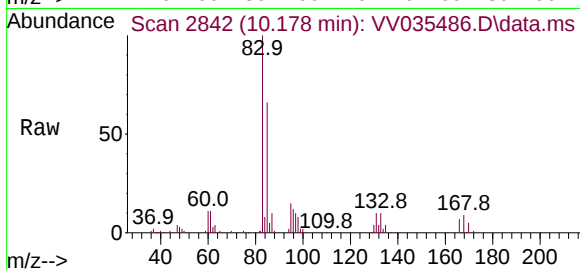
Tgt Ion: 83 Resp: 71156

Ion Ratio Lower Upper

83 100

85 65.8 44.9 83.5

131 10.2 8.1 12.1



#59

Bromoform

Concen: 5.492 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. -0.000 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

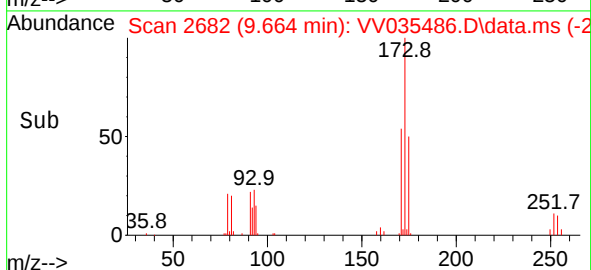
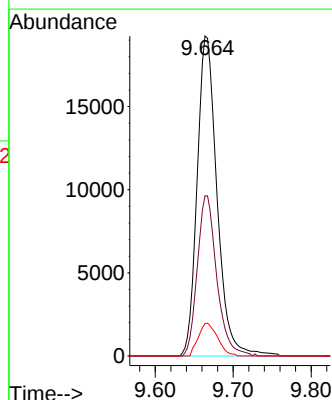
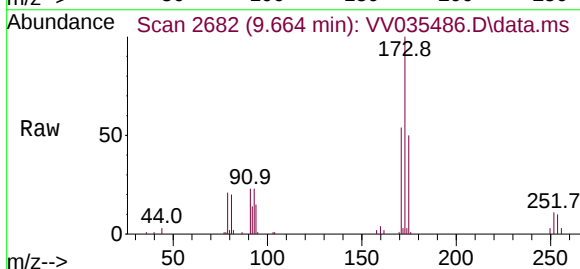
Tgt Ion:173 Resp: 34147

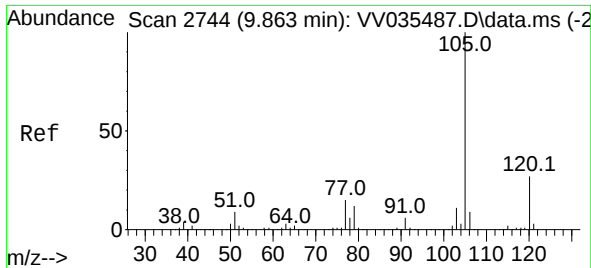
Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.6

254 9.9 8.5 12.7

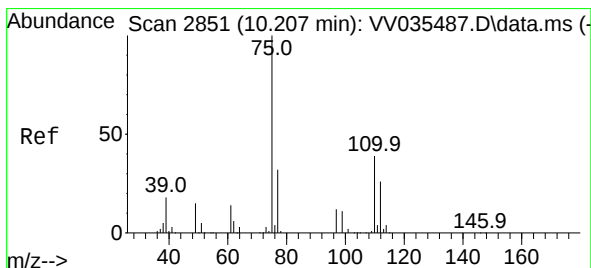
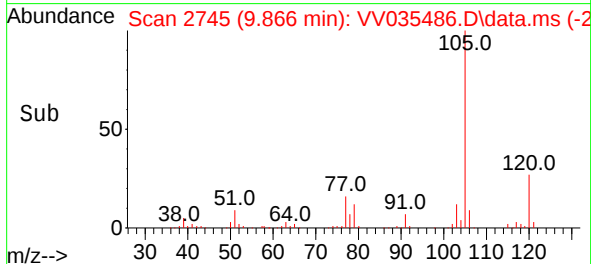
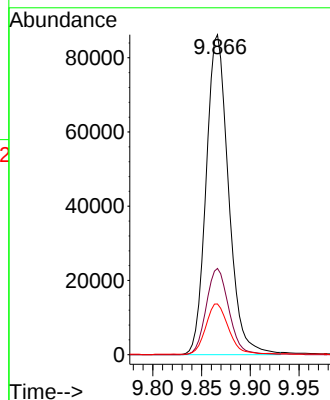
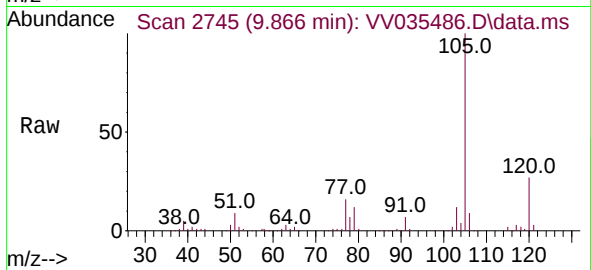




#60
Isopropylbenzene
Concen: 4.685 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

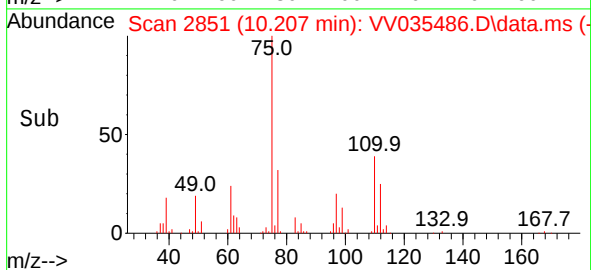
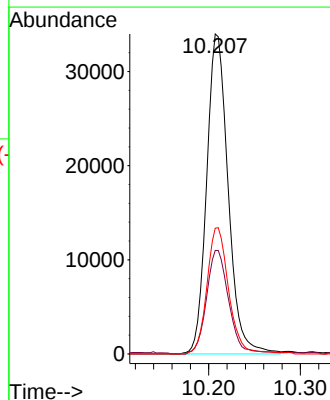
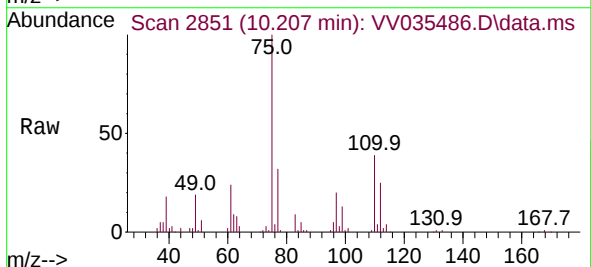
Instrument :
MSVOA_V
ClientSampleId :

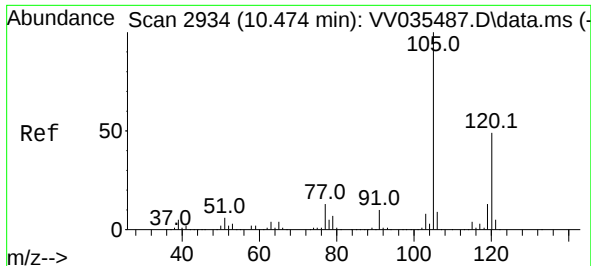
Tgt Ion:105 Resp: 137551
Ion Ratio Lower Upper
105 100
120 27.4 21.5 32.3
77 15.8 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.690 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

Tgt Ion: 75 Resp: 55359
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.6
110 39.9 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 4.391 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

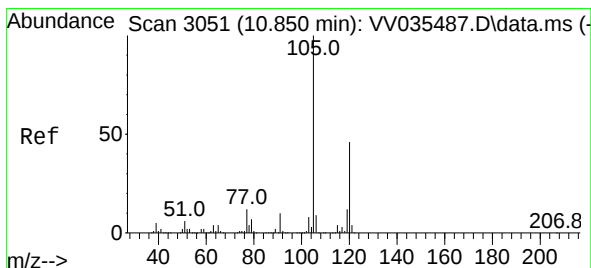
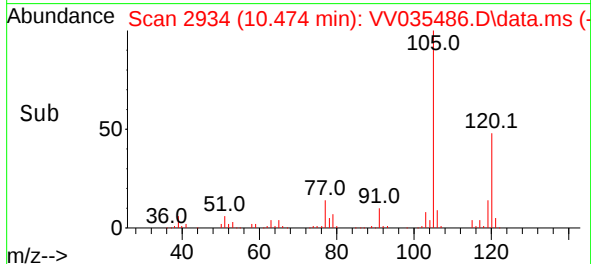
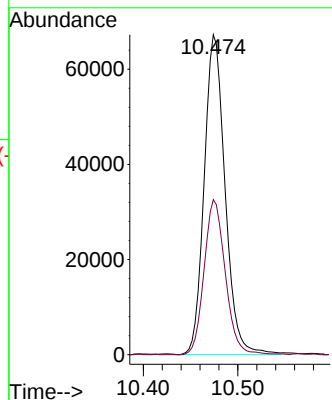
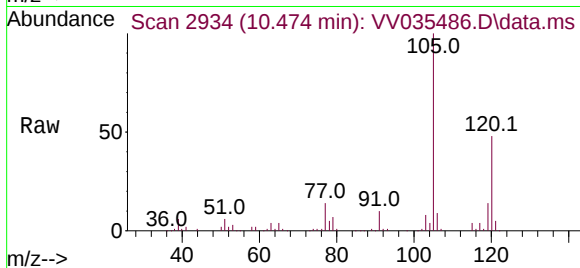
ClientSampleId :

Tgt Ion:105 Resp: 103424

Ion Ratio Lower Upper

105 100

120 48.9 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 4.350 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV035486.D

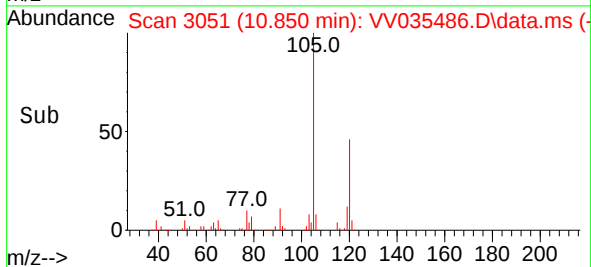
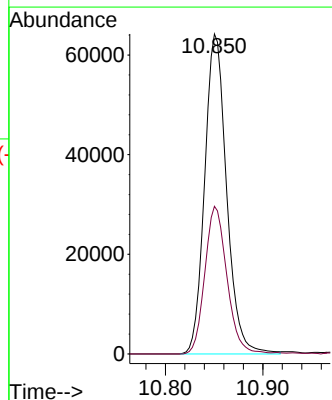
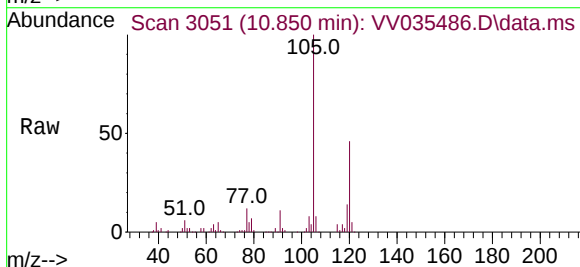
Acq: 01 May 2024 10:32

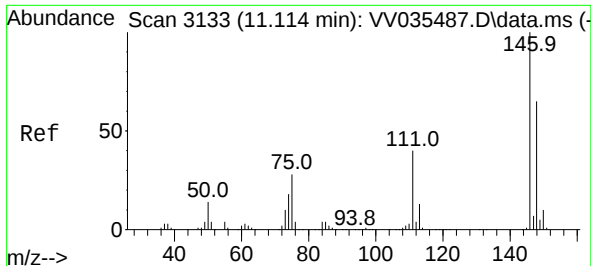
Tgt Ion:105 Resp: 100510

Ion Ratio Lower Upper

105 100

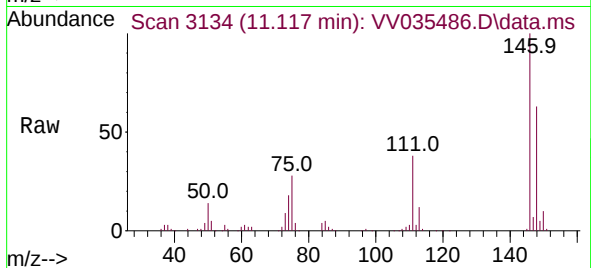
120 46.4 36.6 55.0



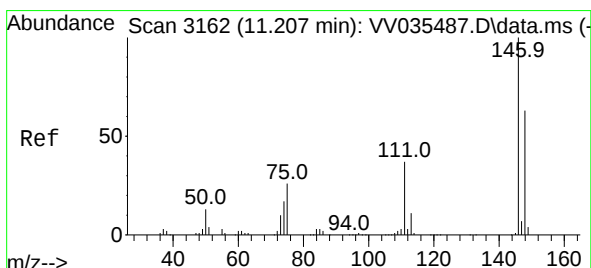
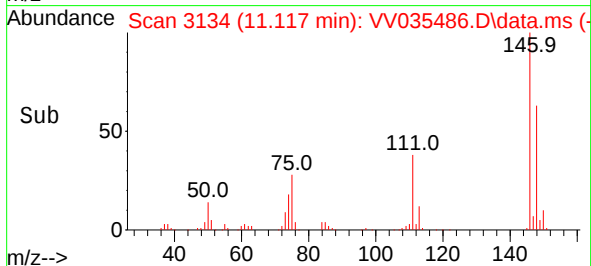
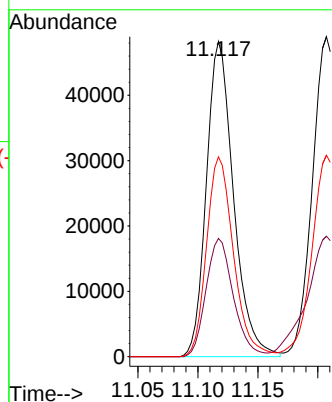


#64
1,3-Dichlorobenzene
Concen: 5.021 ug/L
RT: 11.117 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

Instrument :
MSVOA_V
ClientSampleId :

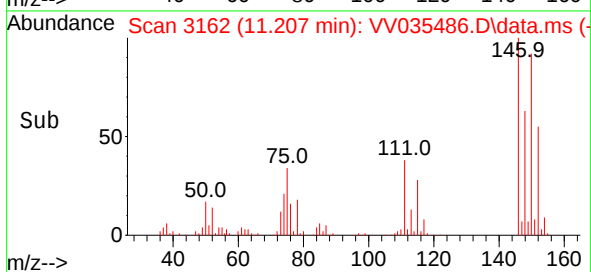
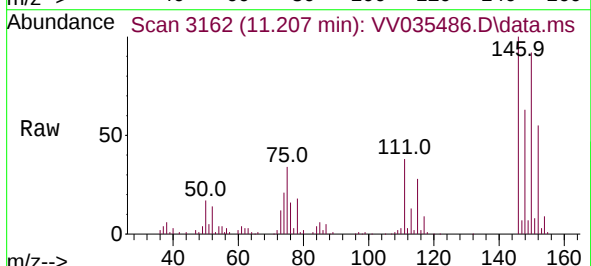
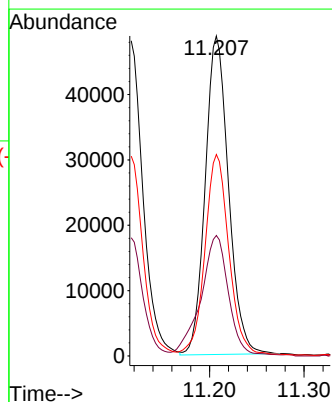


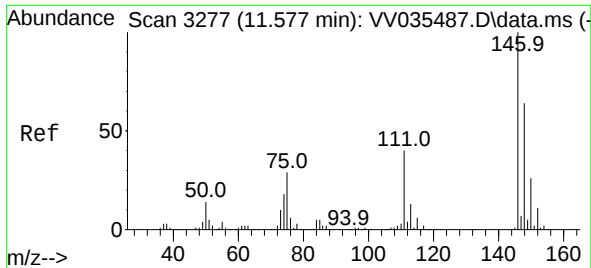
Tgt Ion:146 Resp: 75917
Ion Ratio Lower Upper
146 100
111 37.5 27.9 51.7
148 63.4 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.237 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV035486.D
Acq: 01 May 2024 10:32

Tgt Ion:146 Resp: 83258
Ion Ratio Lower Upper
146 100
111 37.7 26.4 49.0
148 63.0 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.227 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :

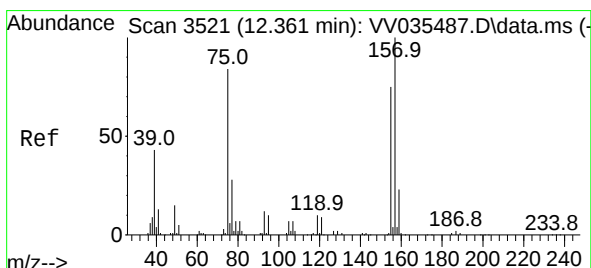
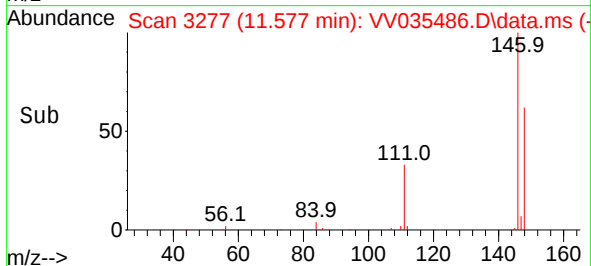
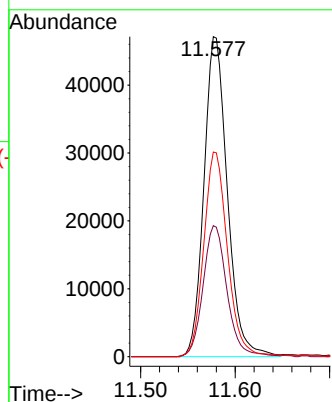
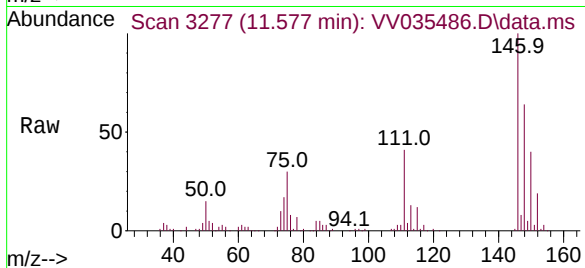
Tgt Ion:146 Resp: 81128

Ion Ratio Lower Upper

146 100

111 41.0 32.1 48.1

148 64.0 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 6.852 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

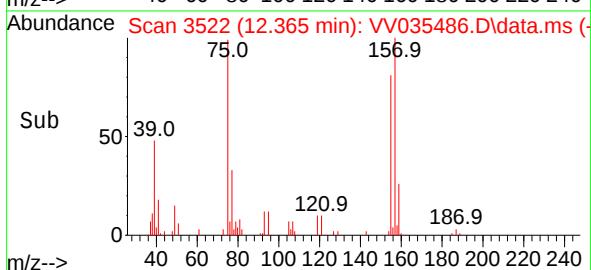
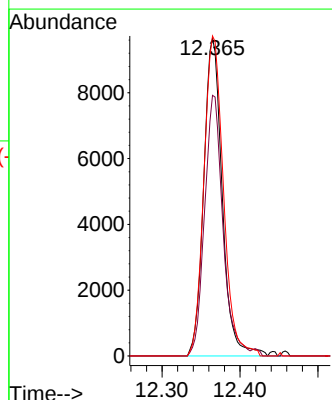
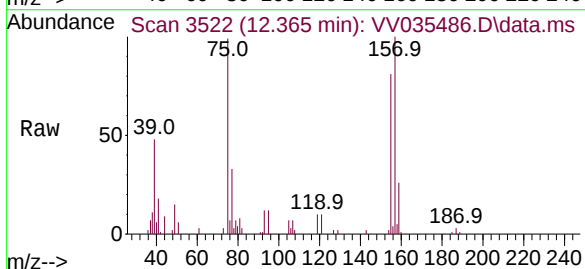
Tgt Ion: 75 Resp: 15948

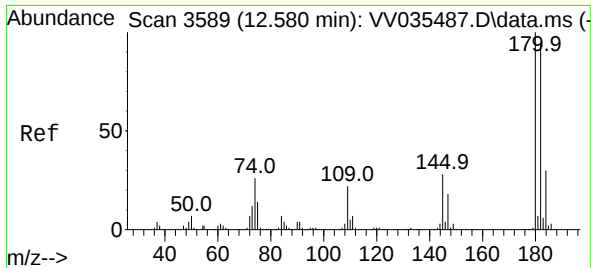
Ion Ratio Lower Upper

75 100

155 81.9 71.4 107.2

157 100.6 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 5.195 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

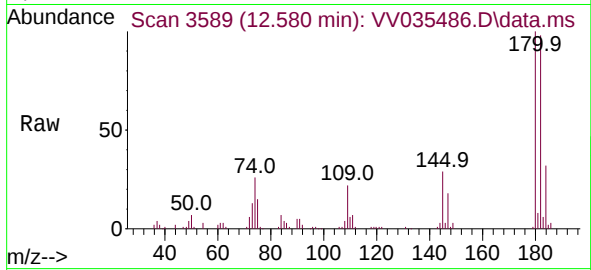
Lab File: VV035486.D

Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 56594

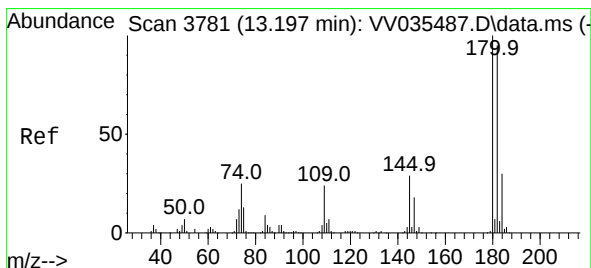
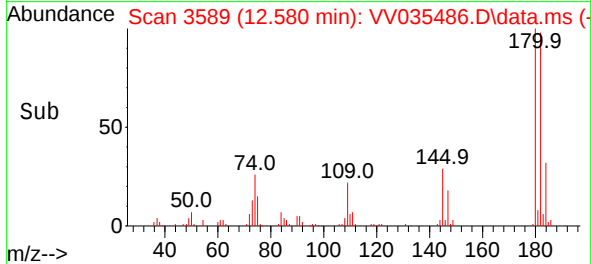
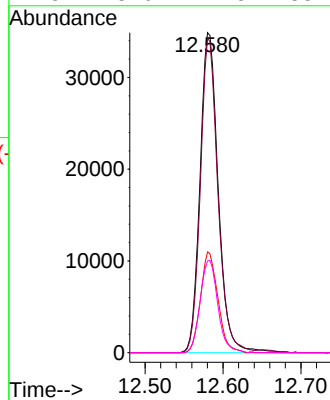
Ion Ratio Lower Upper

180 100

182 94.4 75.7 113.5

184 30.0 24.1 36.1

145 28.0 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 5.186 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

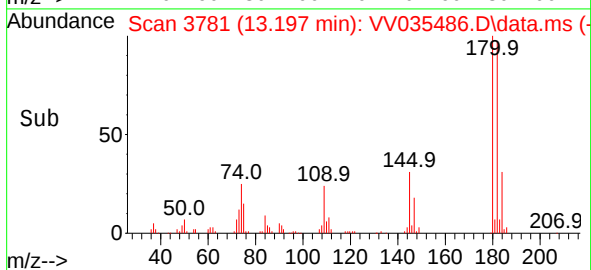
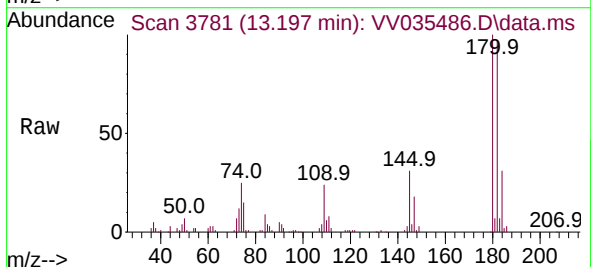
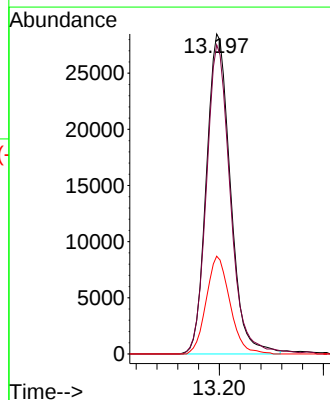
Tgt Ion:180 Resp: 45655

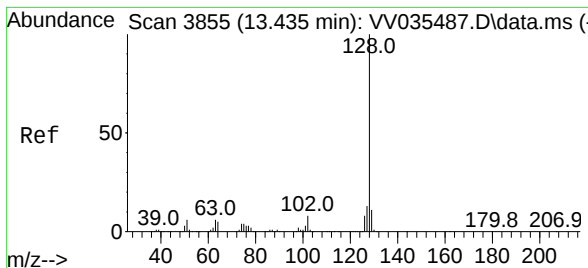
Ion Ratio Lower Upper

180 100

182 95.0 75.7 113.5

145 30.1 23.0 34.4





#71

Naphthalene

Concen: 5.408 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :

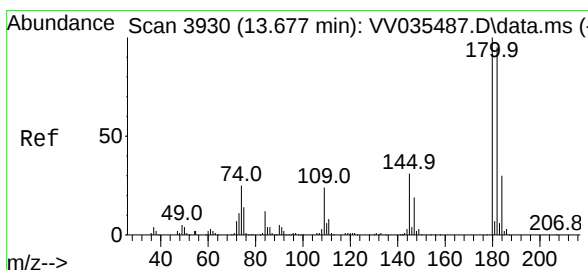
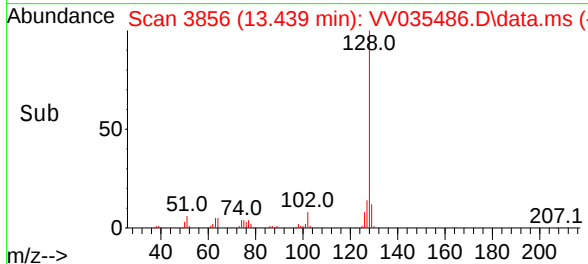
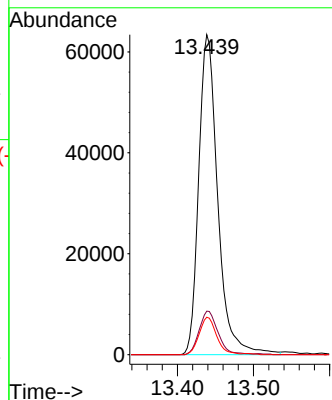
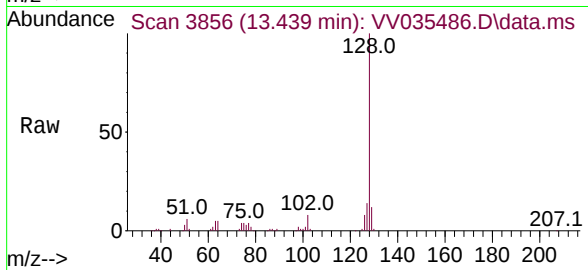
Tgt Ion:128 Resp: 110288

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 5.421 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035486.D

Acq: 01 May 2024 10:32

Tgt Ion:180 Resp: 47001

Ion Ratio Lower Upper

180 100

182 93.4 76.2 114.2

145 29.9 24.9 37.3

