

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035487.D
 Acq On : 01 May 2024 10:56
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:47:15 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	5.532	114	534032	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	525757	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	279886	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	204044	47.892	ug/L	0.00
7) Chloroethane-d5	1.529	69	159914	62.885	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	87435	49.678	ug/L	0.00
21) 2-Butanone-d5	3.793	46	290327	123.854	ug/L	0.00
24) Chloroform-d	4.243	84	384024	52.391	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	228828	53.553	ug/L	0.00
32) Benzene-d6	4.957	84	767476	54.705	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	238766	54.832	ug/L	0.00
41) Toluene-d8	7.239	98	716839	56.576	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	115745	56.582	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	232724	161.559	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	364864	57.860	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	278717	55.220	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	176016	45.671	ug/L	100
3) Chloromethane	1.214	50	188460	47.706	ug/L	100
5) Vinyl chloride	1.282	62	200831	48.178	ug/L	100
6) Bromomethane	1.487	94	128952	51.875	ug/L	100
8) Chloroethane	1.545	64	124732	64.405	ug/L	100
9) Trichlorofluoromethane	1.706	101	271287	48.140	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	171578	48.465	ug/L	100
12) 1,1-Dichloroethene	2.063	96	153071	48.609	ug/L	100
13) Acetone	2.127	43	262297	101.003	ug/L	100
14) Carbon disulfide	2.236	76	403329	46.704	ug/L	100
15) Methyl Acetate	2.375	43	214370	52.985	ug/L	100
16) Methylene chloride	2.442	84	194486	48.734	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	164722	48.850	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	590257	51.613	ug/L	100
19) 1,1-Dichloroethane	3.108	63	347812	49.626	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	199383	52.019	ug/L	100
22) 2-Butanone	3.873	43	311590	106.266	ug/L	100
23) Bromochloromethane	4.143	128	107040	50.118	ug/L	100
25) Chloroform	4.272	83	361620	49.855	ug/L	100
27) 1,2-Dichloroethane	5.037	62	263345	49.731	ug/L	100
29) Cyclohexane	4.577	56	239598	50.324	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	302102	50.563	ug/L	100
31) Carbon tetrachloride	4.732	117	262680	50.326	ug/L	100
33) Benzene	5.005	78	738876	52.481	ug/L	100
34) Trichloroethene	5.828	95	188885	49.847	ug/L	100
35) Methylcyclohexane	6.047	83	274480	50.381	ug/L	100
37) 1,2-Dichloropropane	6.088	63	204746	52.202	ug/L	100
38) Bromodichloromethane	6.429	83	270881	51.058	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	323835	54.920	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	559940	116.975	ug/L	100
42) Toluene	7.313	91	780096	53.090	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	307255	54.807	ug/L	100

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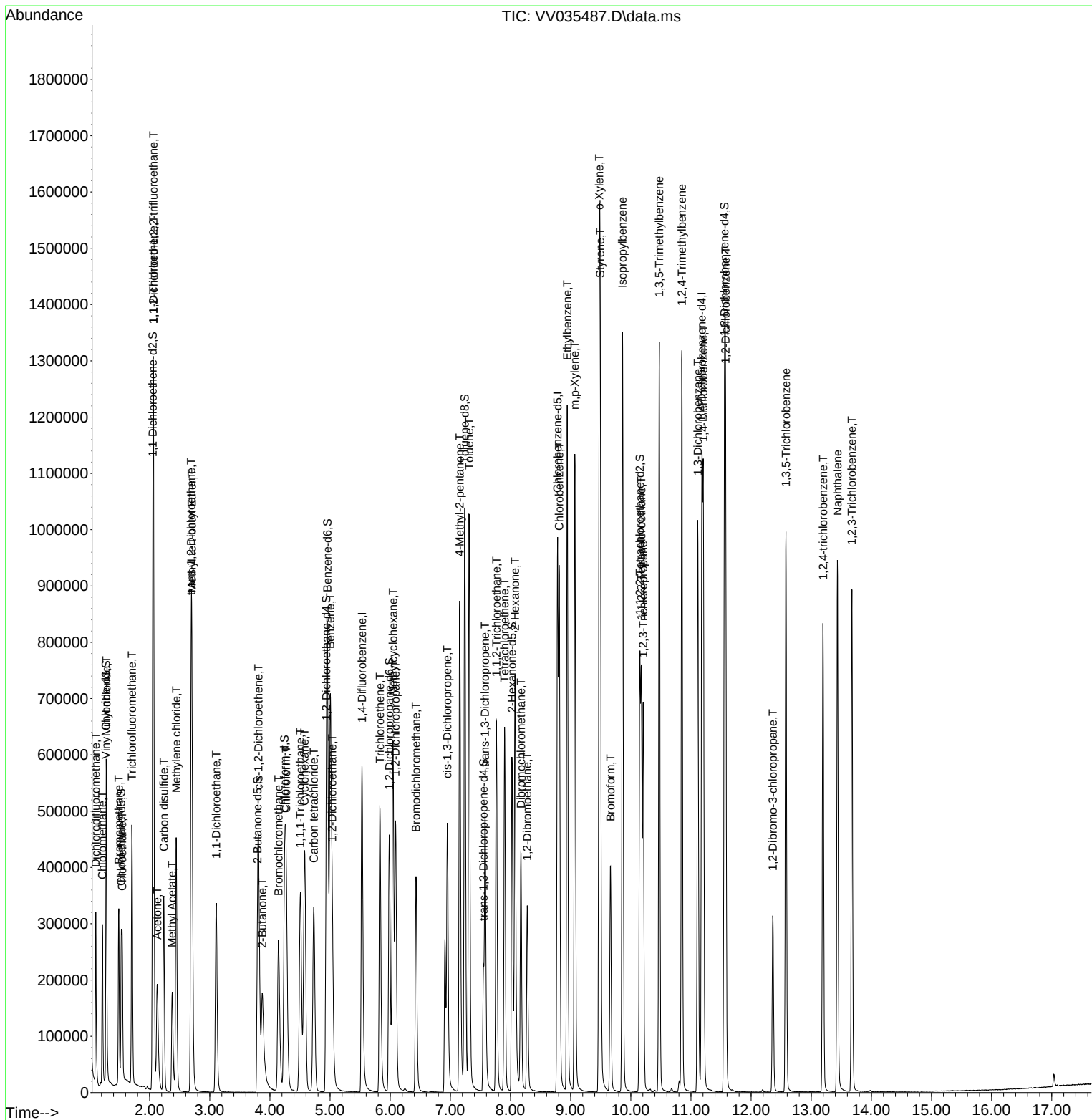
Instrument :
 MSVOA_V
 ClientSampleId :

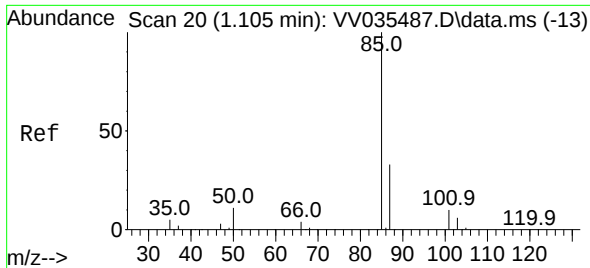
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	213378	51.746	ug/L	100
46) Tetrachloroethene	7.902	164	150894	50.670	ug/L	100
48) 2-Hexanone	8.075	43	461487	114.156	ug/L	100
49) Dibromochloromethane	8.175	129	223435	52.902	ug/L	100
50) 1,2-Dibromoethane	8.278	107	222984	53.125	ug/L	100
51) Chlorobenzene	8.812	112	519125	50.153	ug/L	100
52) Ethylbenzene	8.944	91	846453	52.819	ug/L	100
53) m,p-Xylene	9.069	106	320559	52.971	ug/L	100
54) o-Xylene	9.477	106	317957	53.430	ug/L	100
55) Styrene	9.493	104	575065	56.079	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	366774	54.128	ug/L	100
59) Bromoform	9.664	173	184061	53.925	ug/L	100
60) Isopropylbenzene	9.863	105	856099	53.123	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	280391	52.498	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	691683	53.496	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	699957	55.189	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	419586	50.553	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	432372	49.543	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	442763	51.972	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	81089	63.467	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	318872	53.322	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	272690	56.424	ug/L	100
71) Naphthalene	13.435	128	742077	66.295	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	284266	59.730	ug/L	100

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

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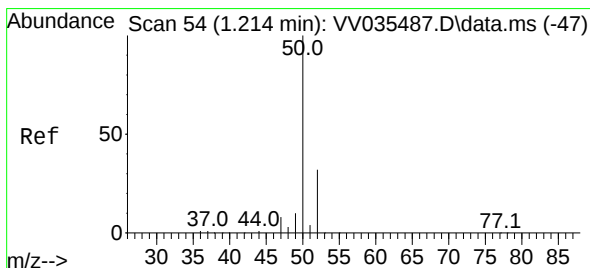
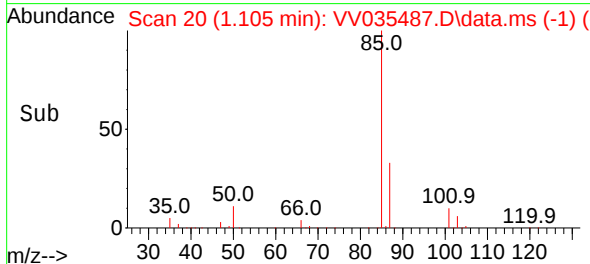
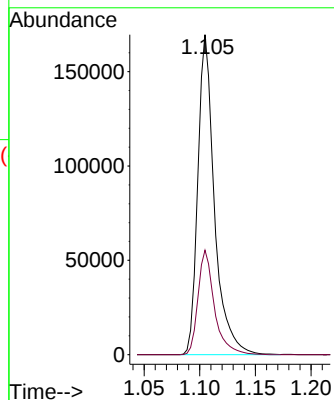
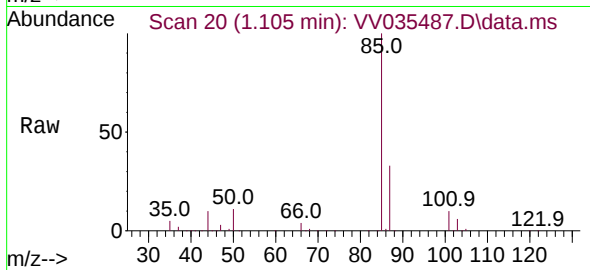




#2
 Dichlorodifluoromethane
 Concen: 45.671 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035487.D
 Acq: 01 May 2024 10:56

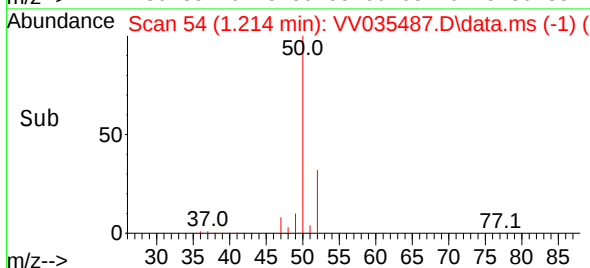
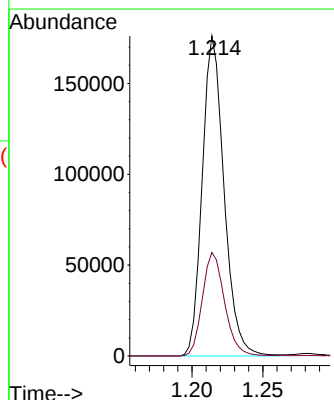
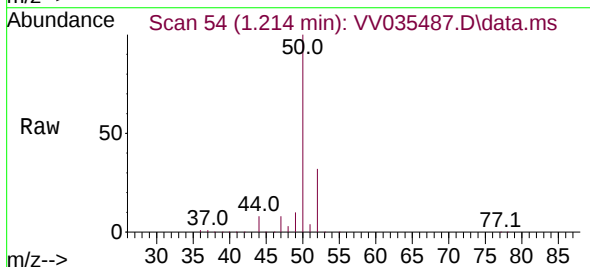
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 ClientSampleId :

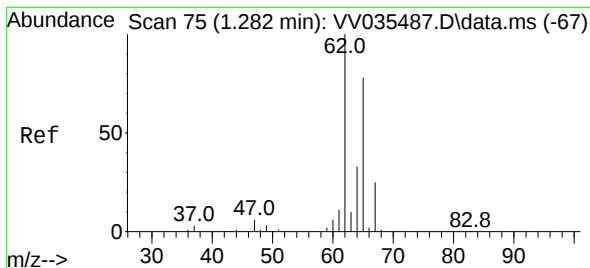
Tgt Ion: 85 Resp: 176016
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 47.706 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035487.D
 Acq: 01 May 2024 10:56

Tgt Ion: 50 Resp: 188460
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.6 42.0





#5

Vinyl chloride

Concen: 48.178 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

Instrument :

MSVOA_V

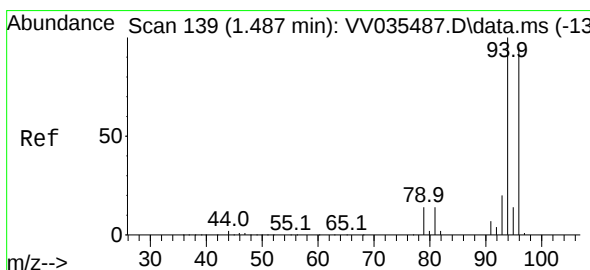
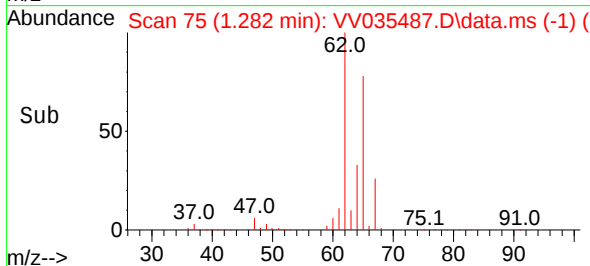
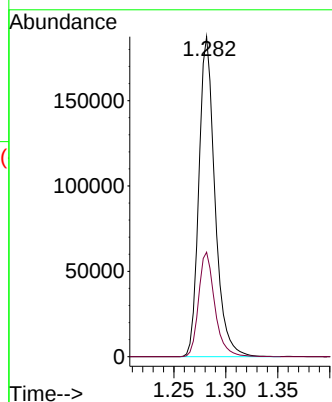
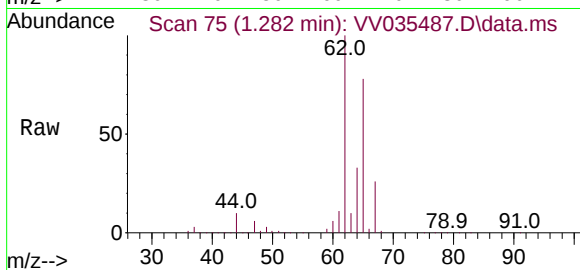
ClientSampleId :

Tgt Ion: 62 Resp: 200831

Ion Ratio Lower Upper

62 100

64 32.7 22.9 42.5



#6

Bromomethane

Concen: 51.875 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035487.D

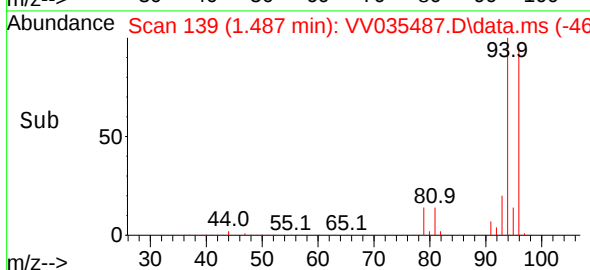
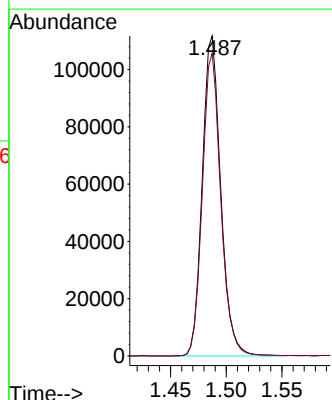
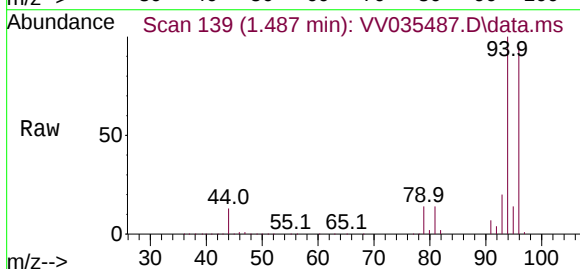
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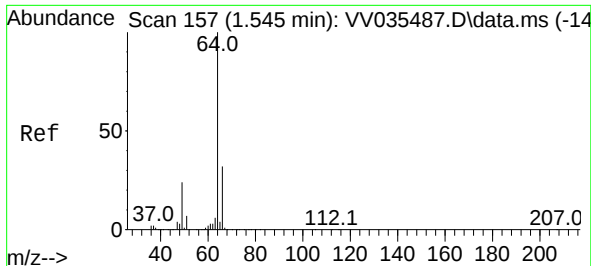
Tgt Ion: 94 Resp: 128952

Ion Ratio Lower Upper

94 100

96 94.6 66.2 123.0

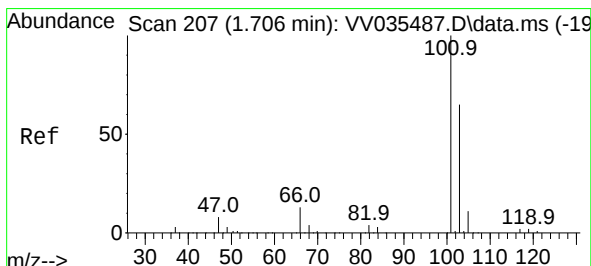
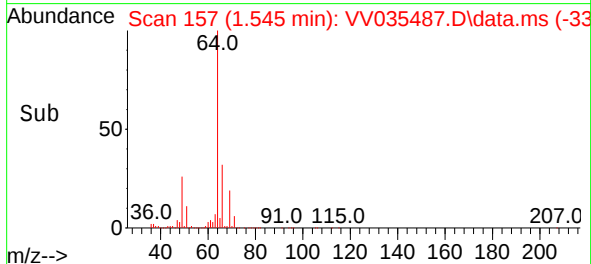
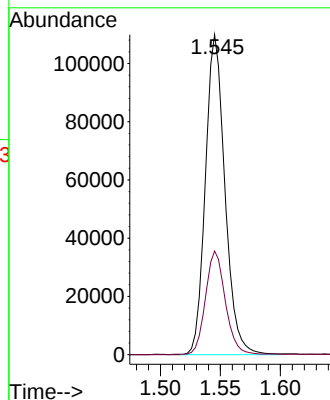
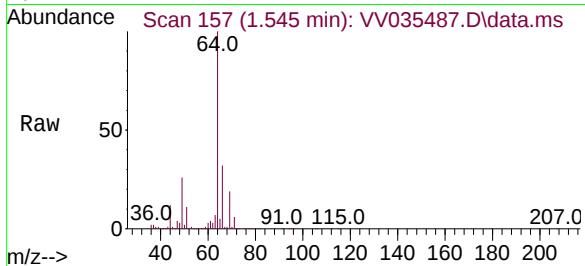




#8
Chloroethane
Concen: 64.405 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

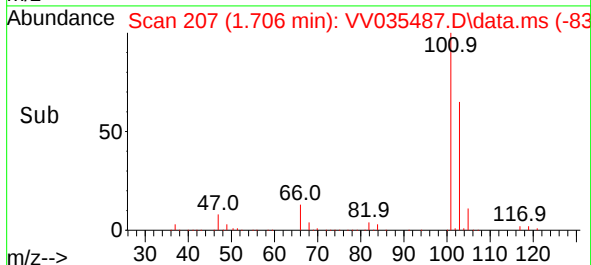
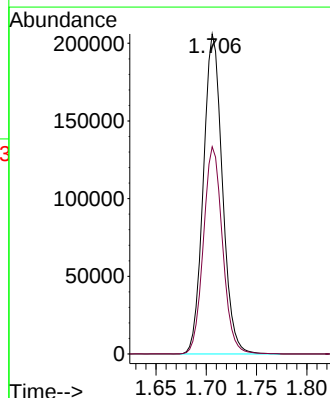
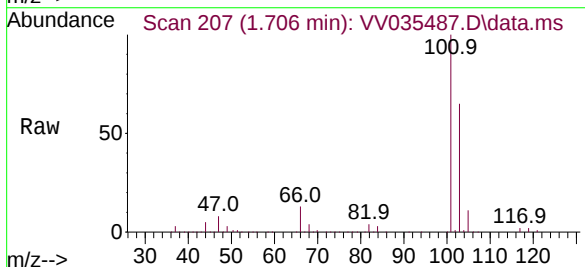
Instrument :
MSVOA_V
ClientSampleId :

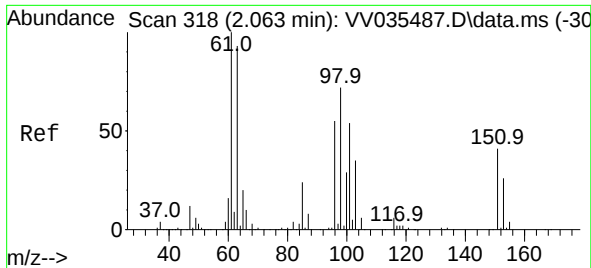
Tgt Ion: 64 Resp: 124732
Ion Ratio Lower Upper
64 100
66 32.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 48.140 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

Tgt Ion:101 Resp: 271287
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

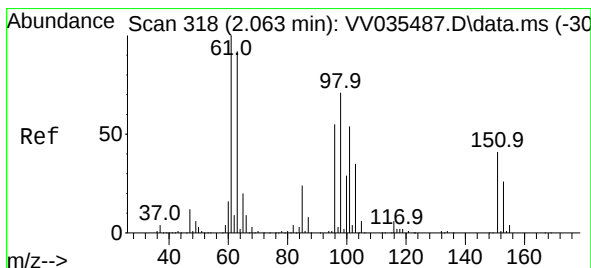
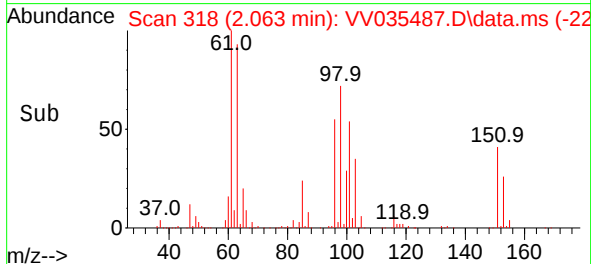
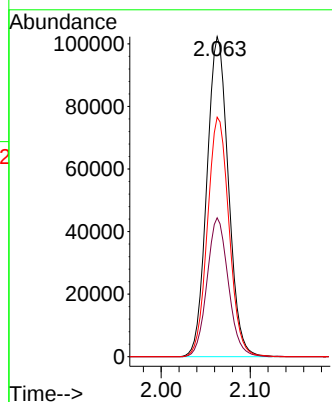
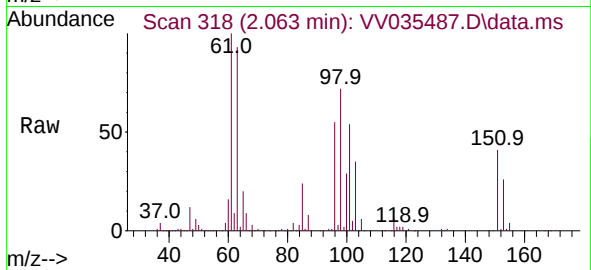




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.465 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035487.D
 Acq: 01 May 2024 10:56

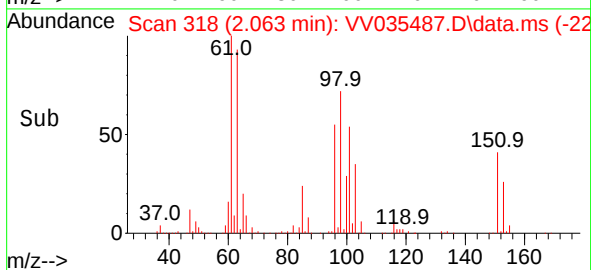
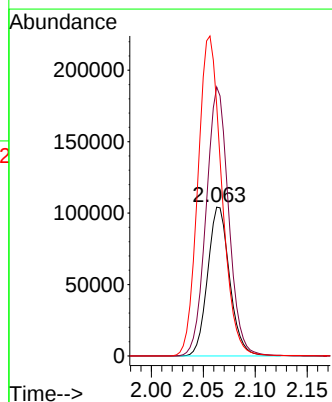
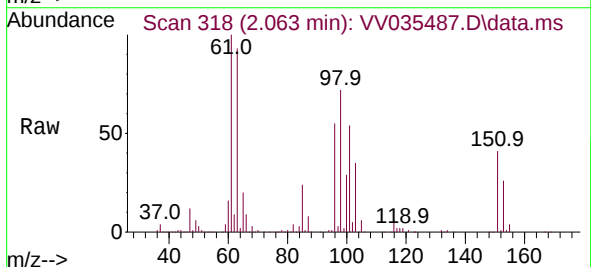
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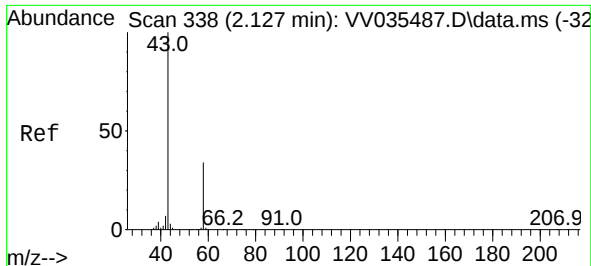
Tgt Ion:101 Resp: 171578
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.4 51.6
 151 75.1 60.1 90.1



#12
 1,1-Dichloroethene
 Concen: 48.609 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035487.D
 Acq: 01 May 2024 10:56

Tgt Ion: 96 Resp: 153071
 Ion Ratio Lower Upper
 96 100
 61 180.7 126.5 234.9
 63 168.7 118.1 219.3





#13

Acetone

Concen: 101.003 ug/L

RT: 2.127 min Scan# 338

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

Instrument :

MSVOA_V

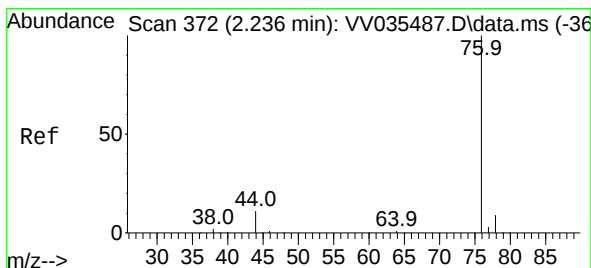
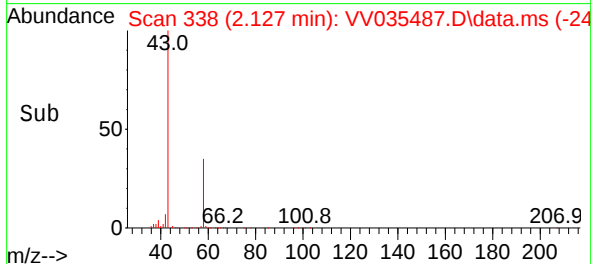
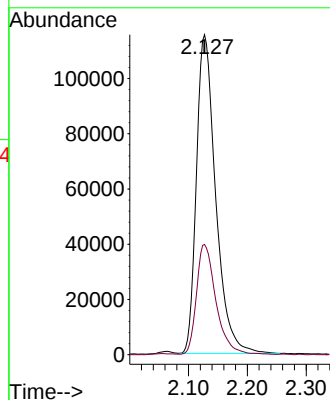
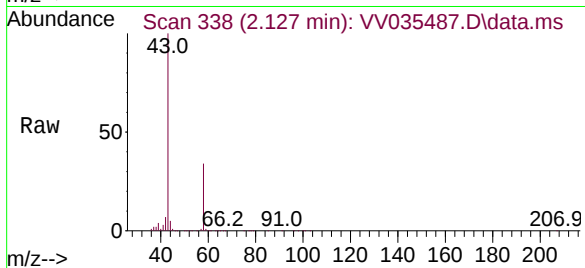
ClientSampleId :

Tgt Ion: 43 Resp: 262297

Ion Ratio Lower Upper

43 100

58 34.4 0.0 68.8



#14

Carbon disulfide

Concen: 46.704 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035487.D

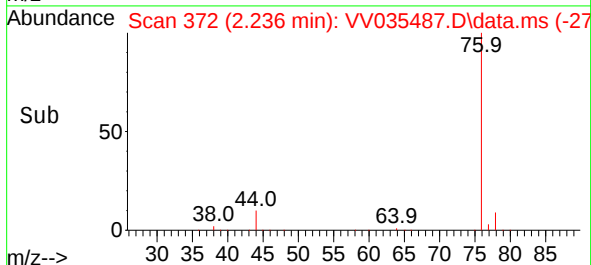
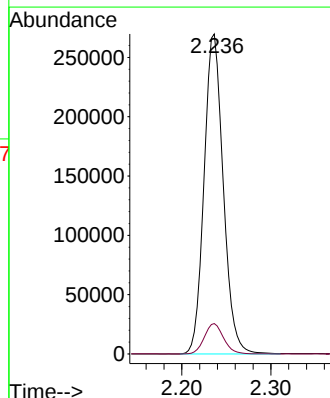
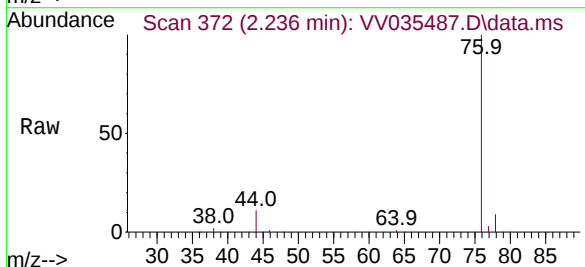
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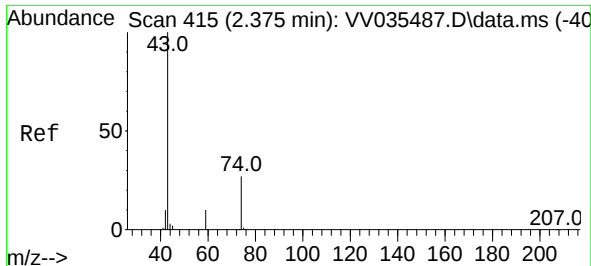
Tgt Ion: 76 Resp: 403329

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4





#15

Methyl Acetate

Concen: 52.985 ug/L

RT: 2.375 min Scan# 415

Delta R.T. 0.000 min

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Instrument :

MSVOA_V

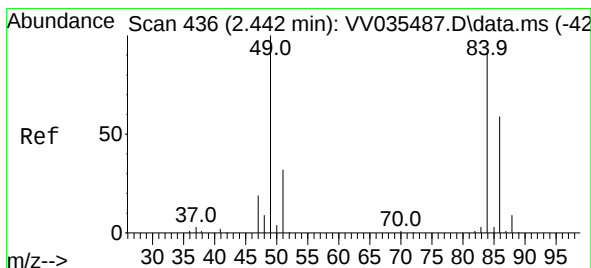
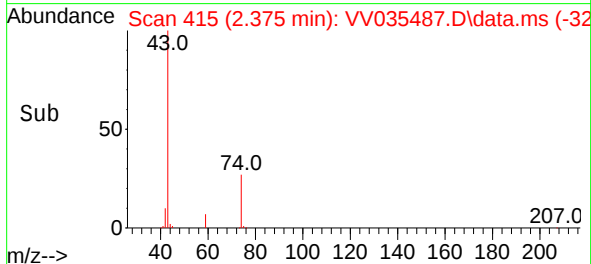
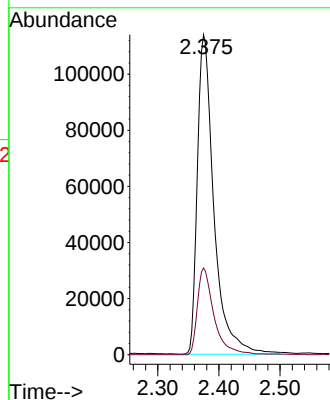
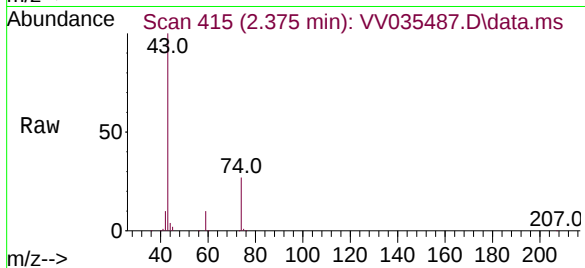
ClientSampleId :

Tgt Ion: 43 Resp: 214370

Ion Ratio Lower Upper

43 100

74 27.0 21.6 32.4



#16

Methylene chloride

Concen: 48.734 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

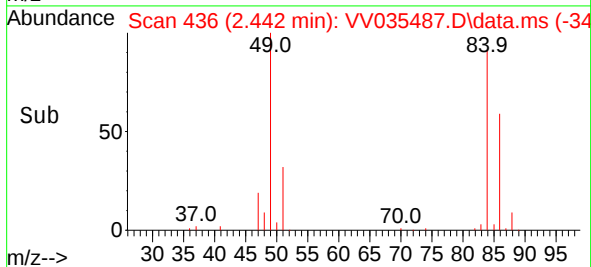
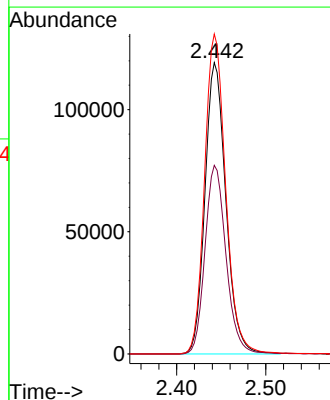
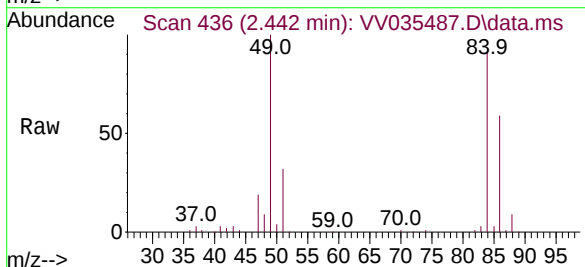
Tgt Ion: 84 Resp: 194486

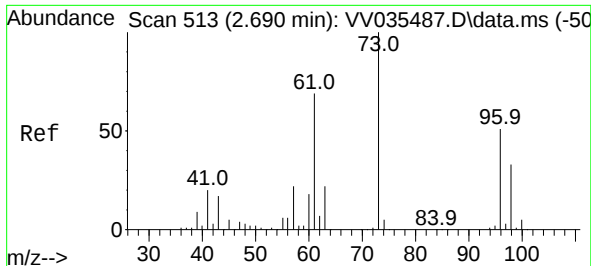
Ion Ratio Lower Upper

84 100

86 64.7 45.3 84.1

49 109.8 76.9 142.7

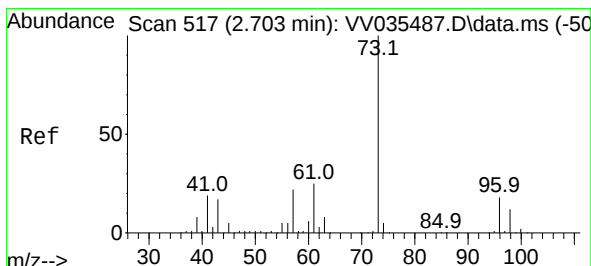
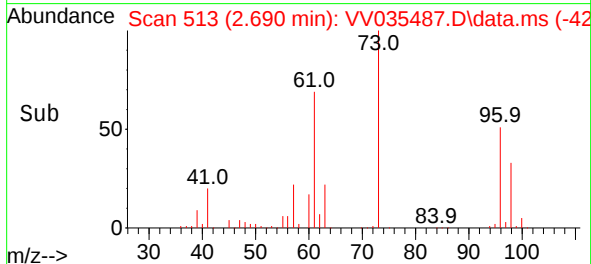
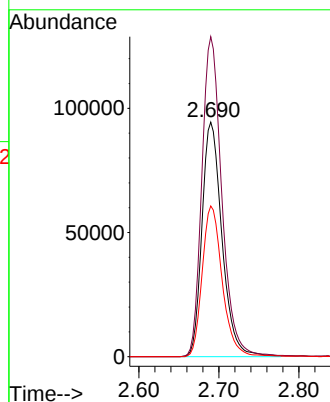
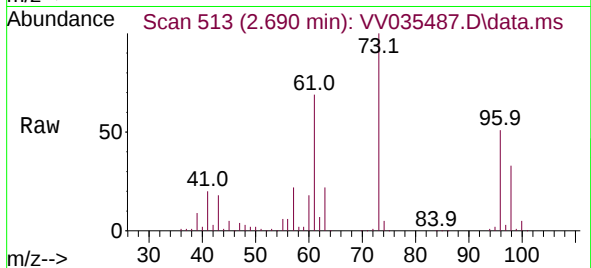




#17
trans-1,2-Dichloroethene
Concen: 48.850 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

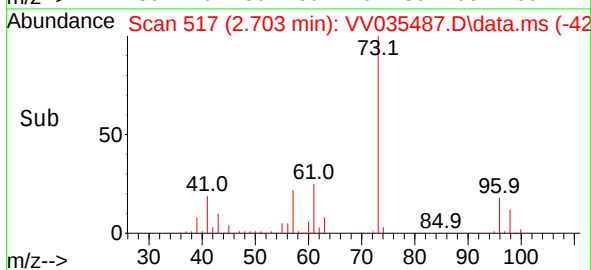
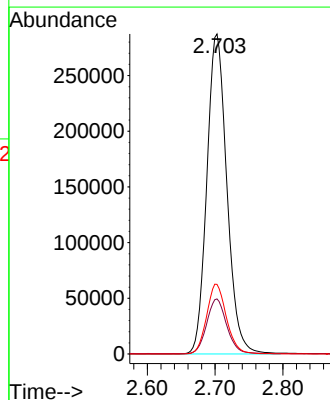
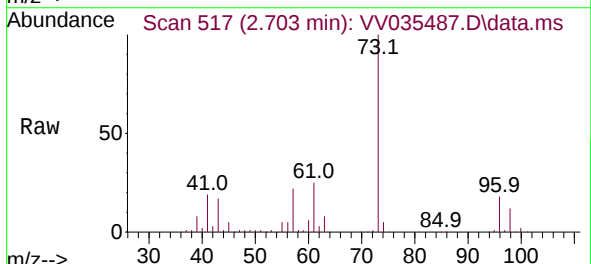
Instrument :
MSVOA_V
ClientSampleId :

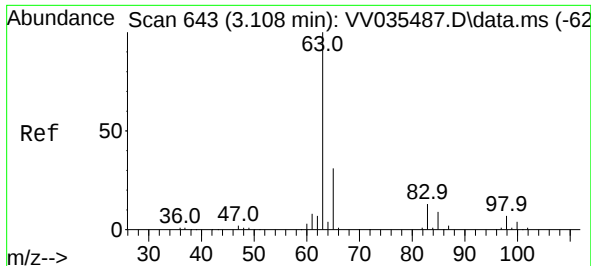
Tgt Ion: 96 Resp: 164722
Ion Ratio Lower Upper
96 100
61 136.4 95.5 177.3
98 64.2 44.9 83.5



#18
Methyl tert-butyl Ether
Concen: 51.613 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

Tgt Ion: 73 Resp: 590257
Ion Ratio Lower Upper
73 100
43 17.0 13.6 20.4
57 21.7 17.4 26.0

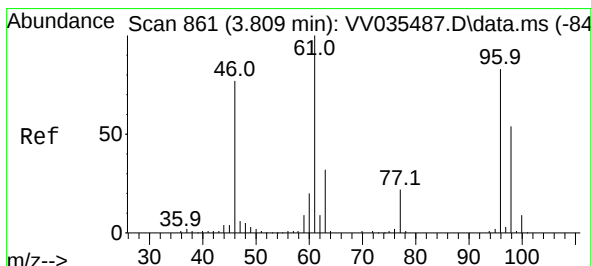
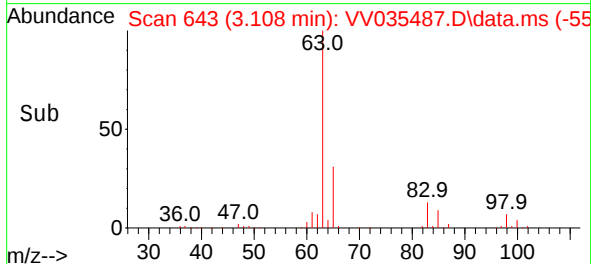
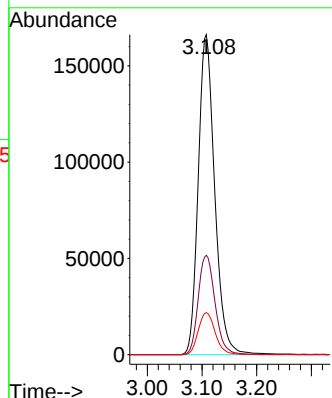
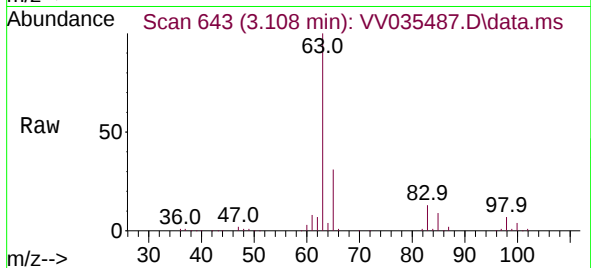




#19
1,1-Dichloroethane
Concen: 49.626 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

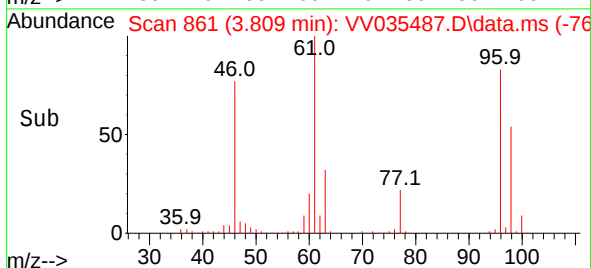
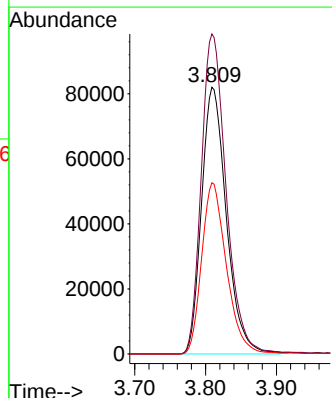
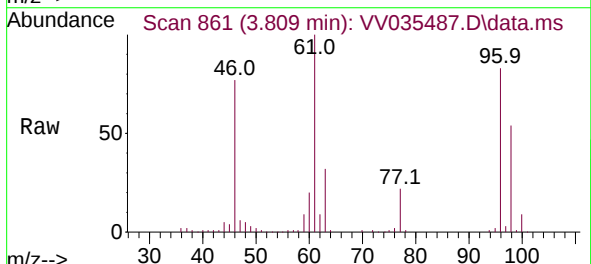
Instrument :
MSVOA_V
ClientSampleId :

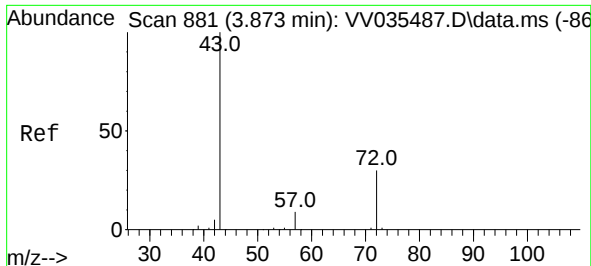
Tgt Ion: 63 Resp: 347812
Ion Ratio Lower Upper
63 100
65 31.1 21.8 40.4
83 13.2 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 52.019 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

Tgt Ion: 96 Resp: 199383
Ion Ratio Lower Upper
96 100
61 120.0 84.0 156.0
98 64.2 44.9 83.5

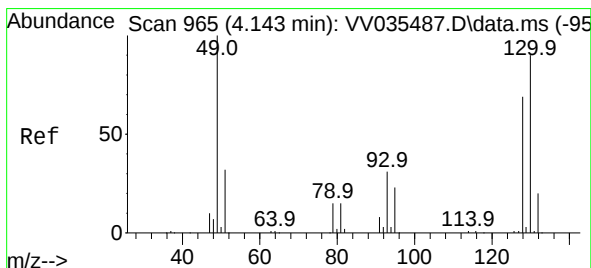
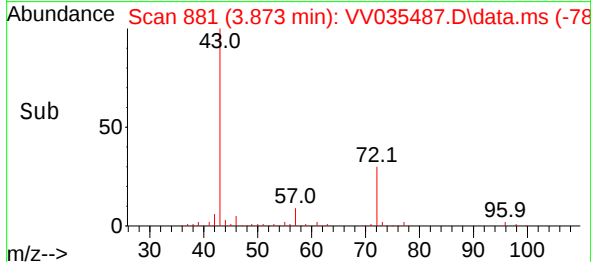
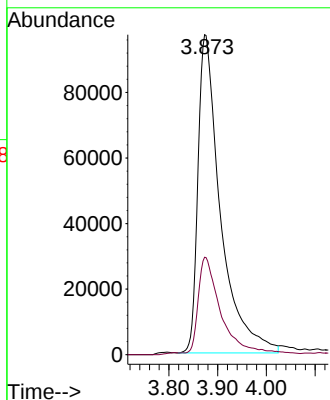
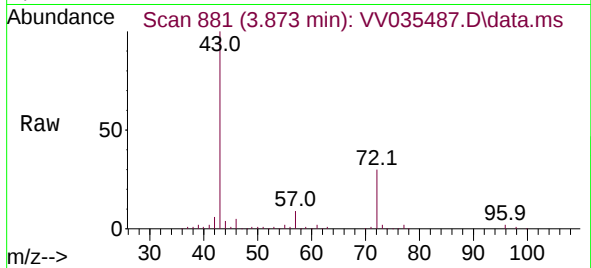




#22
2-Butanone
Concen: 106.266 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

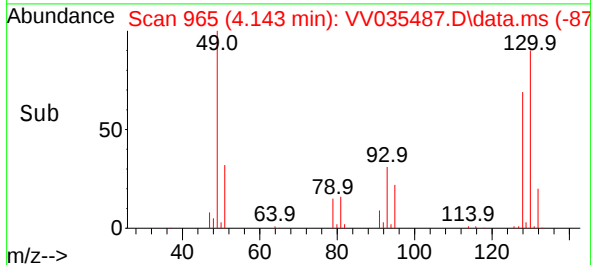
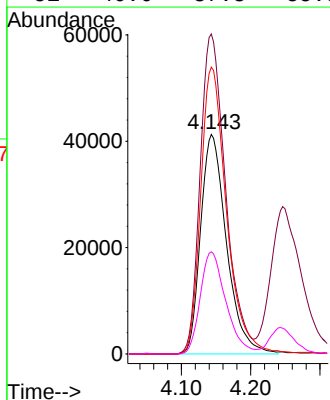
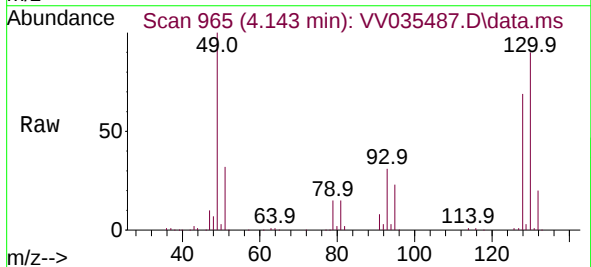
Instrument :
MSVOA_V
ClientSampleId :

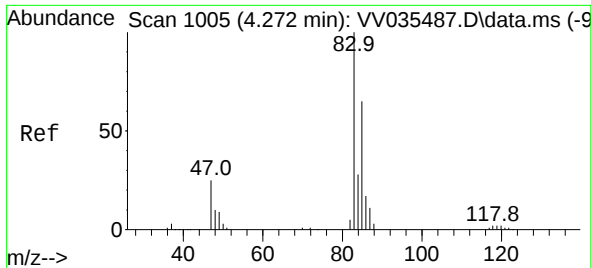
Tgt Ion: 43 Resp: 311590
Ion Ratio Lower Upper
43 100
72 28.7 14.4 43.0



#23
Bromochloromethane
Concen: 50.118 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

Tgt Ion:128 Resp: 107040
Ion Ratio Lower Upper
128 100
49 145.7 102.0 189.4
130 130.7 91.5 169.9
51 46.6 37.3 55.9





#25

Chloroform

Concen: 49.855 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

Instrument :

MSVOA_V

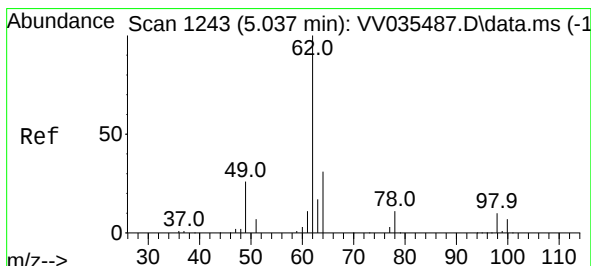
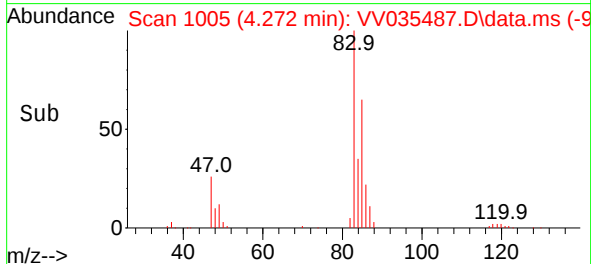
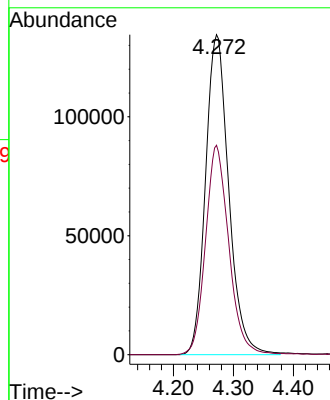
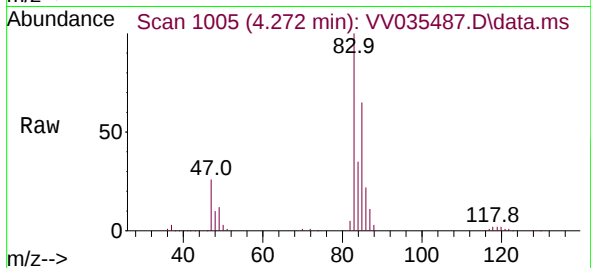
ClientSampleId :

Tgt Ion: 83 Resp: 361620

Ion Ratio Lower Upper

83 100

85 65.5 45.8 85.2



#27

1,2-Dichloroethane

Concen: 49.731 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV035487.D

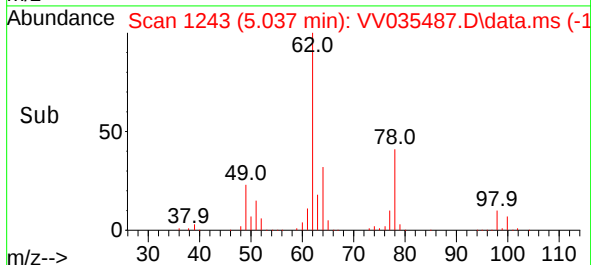
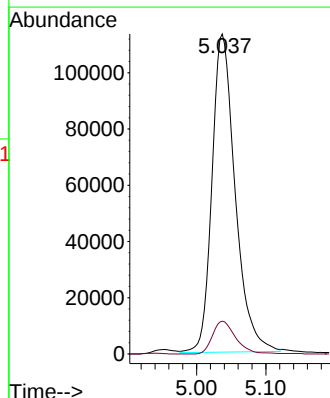
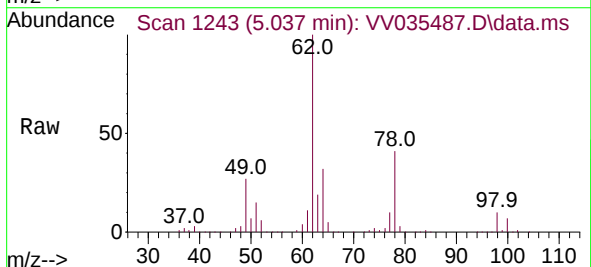
Acq: 01 May 2024 10:56

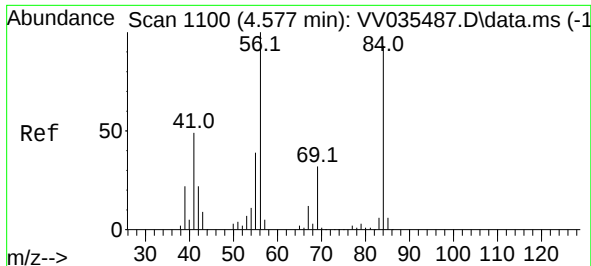
Tgt Ion: 62 Resp: 263345

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.2





#29

Cyclohexane

Concen: 50.324 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

Instrument :

MSVOA_V

ClientSampleId :

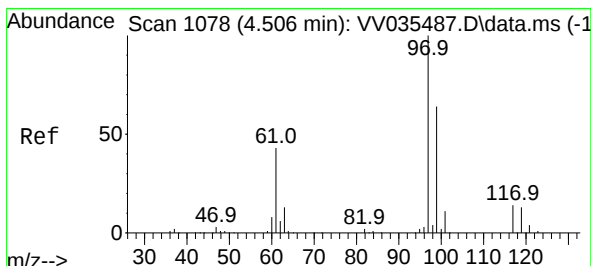
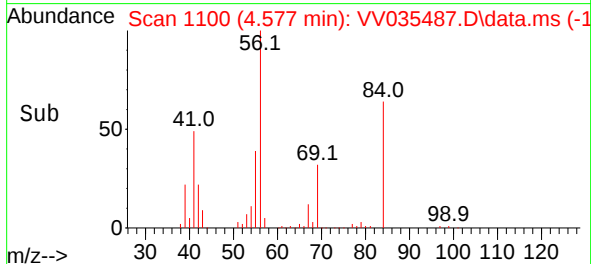
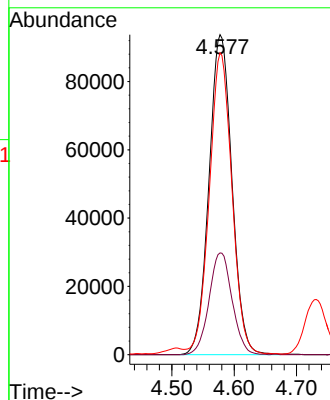
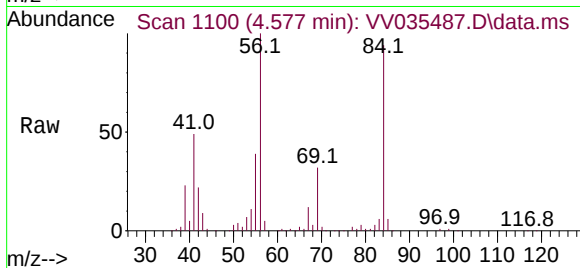
Tgt Ion: 56 Resp: 239598

Ion Ratio Lower Upper

56 100

69 31.9 25.5 38.3

84 92.0 73.6 110.4



#30

1,1,1-Trichloroethane

Concen: 50.563 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

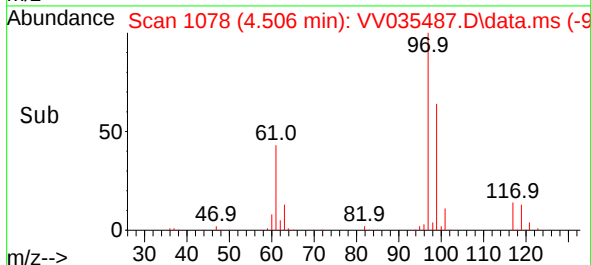
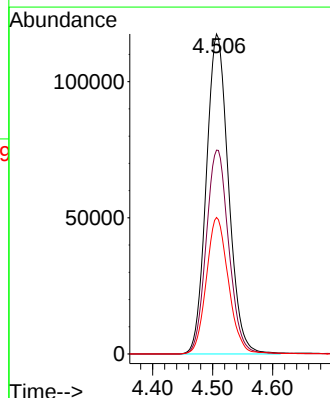
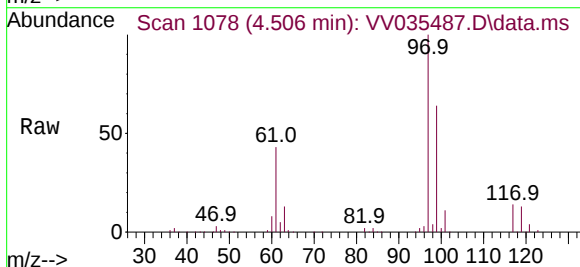
Tgt Ion: 97 Resp: 302102

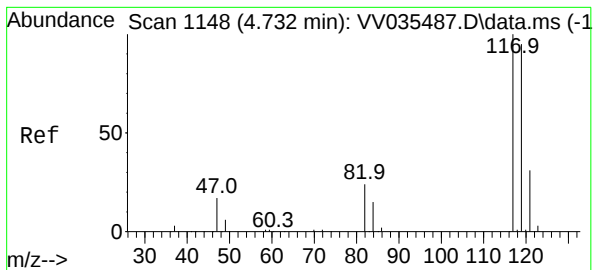
Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 42.6 34.1 51.1





#31

Carbon tetrachloride

Concen: 50.326 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

Instrument :

MSVOA_V

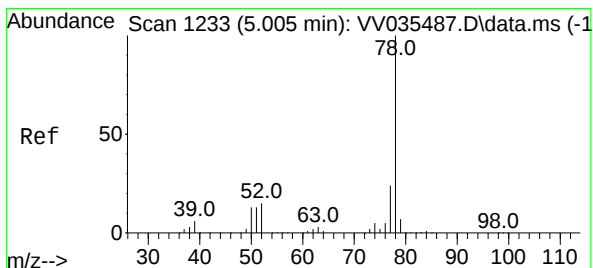
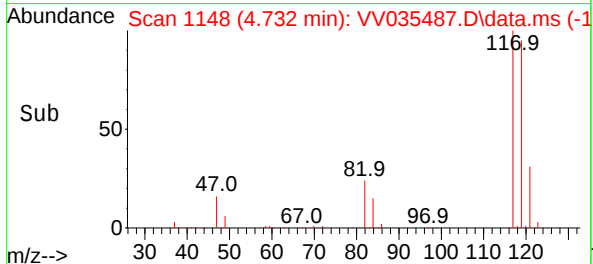
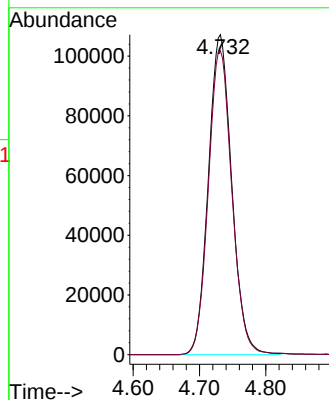
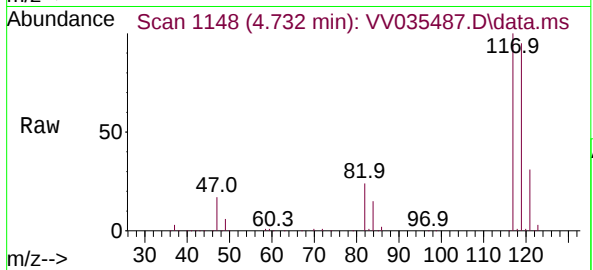
ClientSampleId :

Tgt Ion:117 Resp: 262680

Ion Ratio Lower Upper

117 100

119 95.6 76.5 114.7



#33

Benzene

Concen: 52.481 ug/L

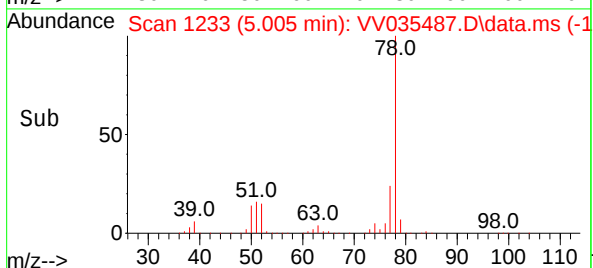
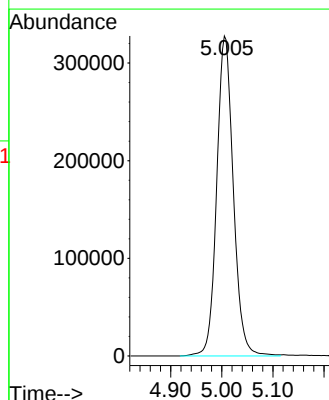
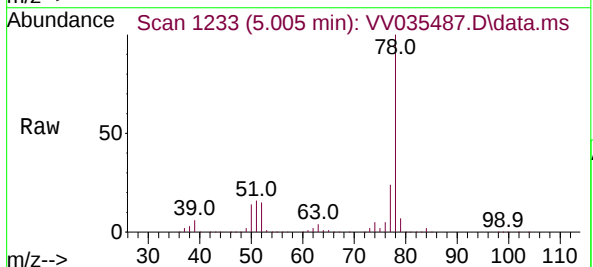
RT: 5.005 min Scan# 1233

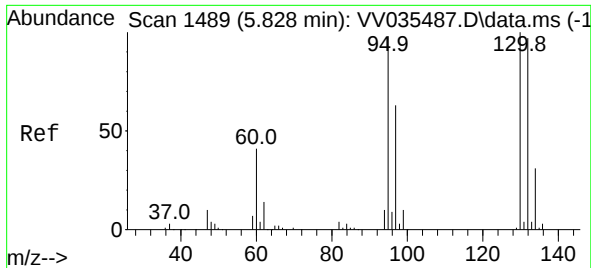
Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

Tgt Ion: 78 Resp: 738876





#34

Trichloroethene

Concen: 49.847 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 188885

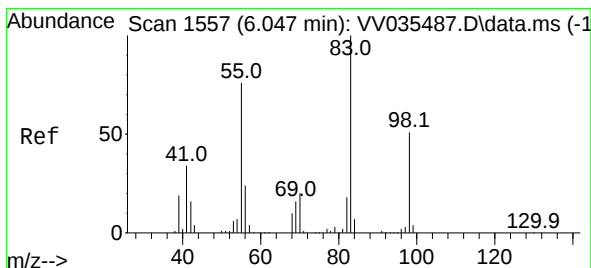
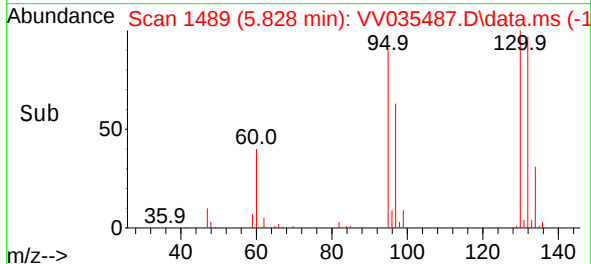
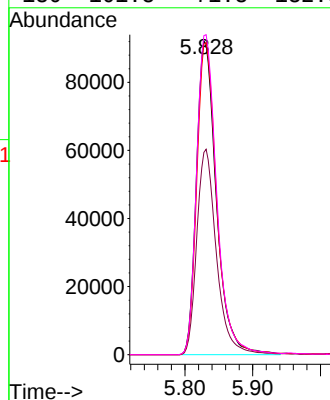
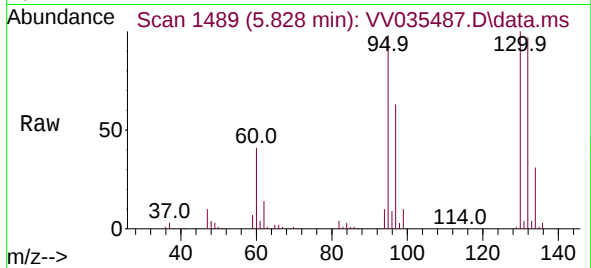
Ion Ratio Lower Upper

95 100

97 64.5 45.1 83.9

132 99.1 69.4 128.8

130 101.8 71.3 132.3



#35

Methylcyclohexane

Concen: 50.381 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

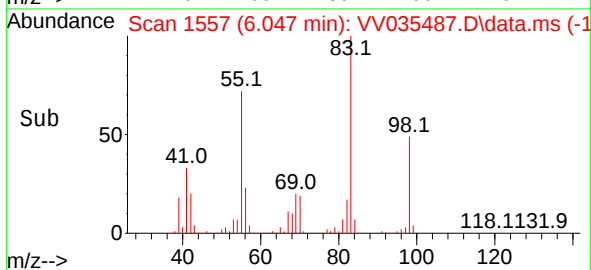
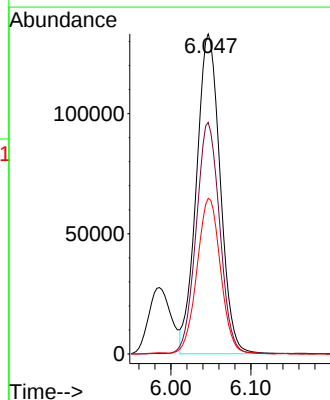
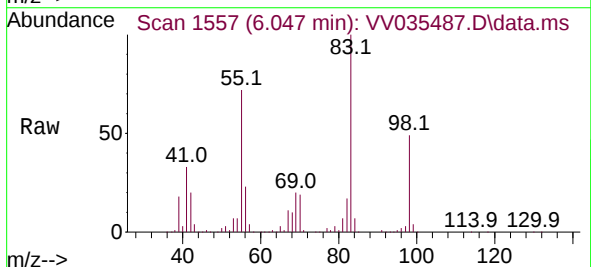
Tgt Ion: 83 Resp: 274480

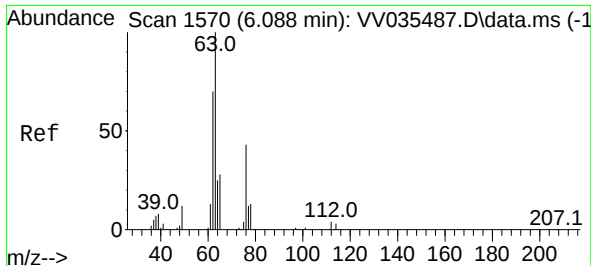
Ion Ratio Lower Upper

83 100

55 71.9 57.5 86.3

98 48.6 38.9 58.3

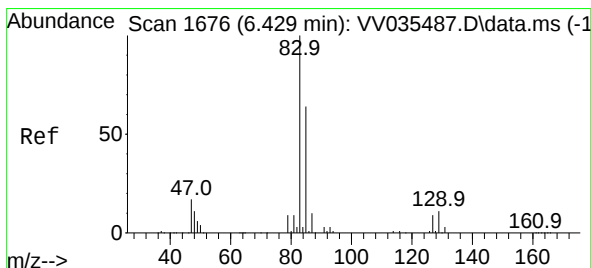
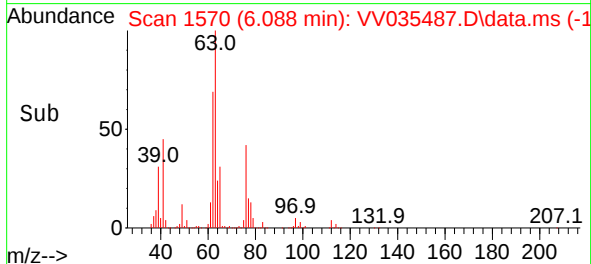
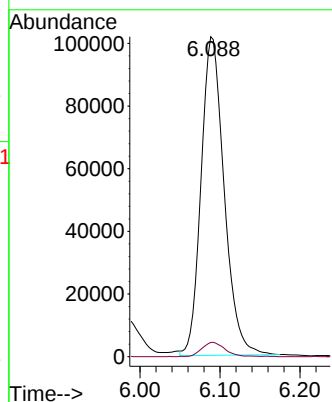
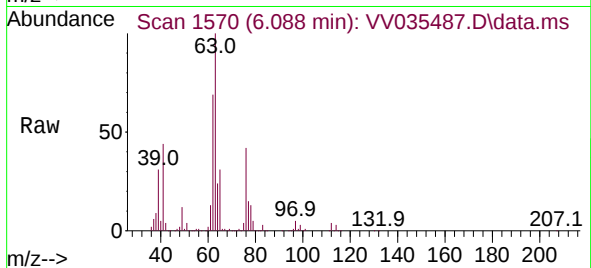




#37
1,2-Dichloropropane
Concen: 52.202 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

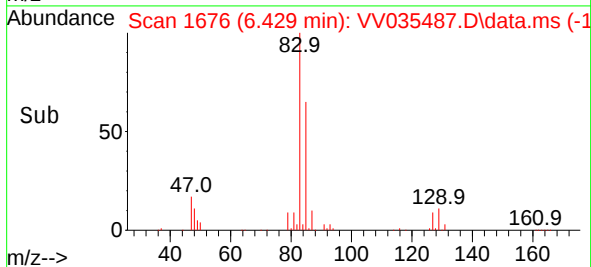
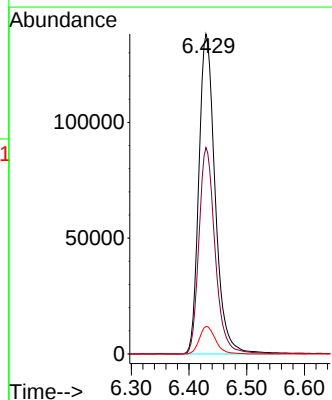
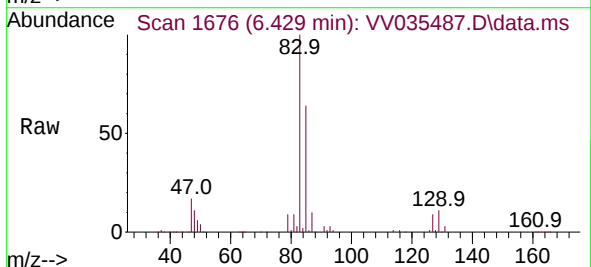
Instrument :
MSVOA_V
ClientSampleId :

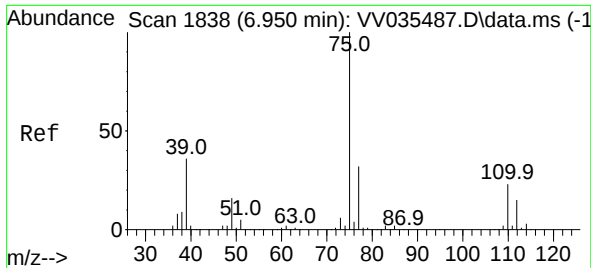
Tgt Ion: 63 Resp: 204746
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.2



#38
Bromodichloromethane
Concen: 51.058 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

Tgt Ion: 83 Resp: 270881
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9
127 8.6 6.9 10.3

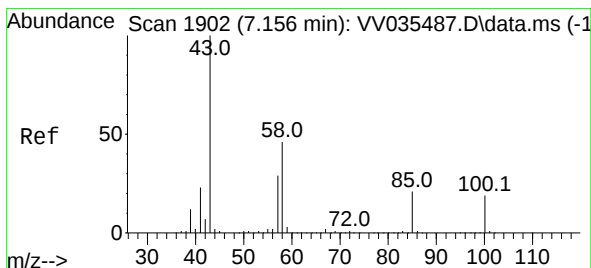
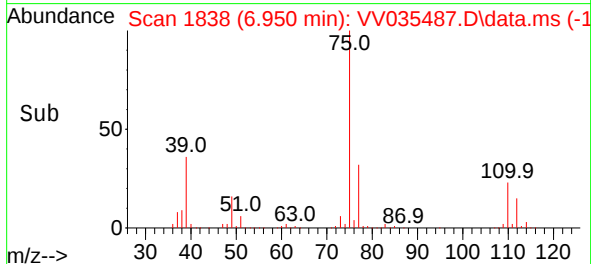
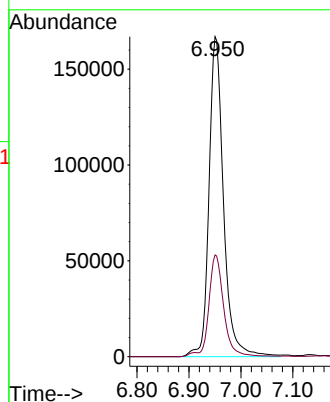
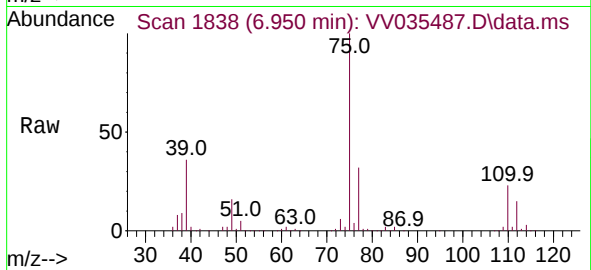




#39
cis-1,3-Dichloropropene
Concen: 54.920 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

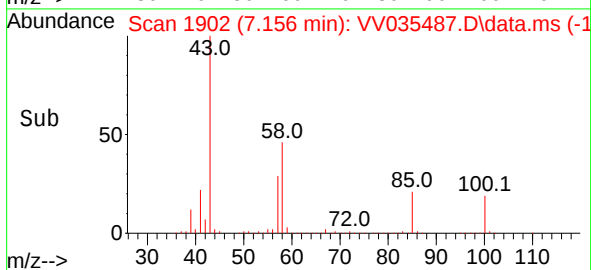
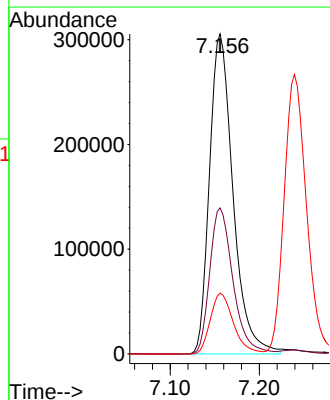
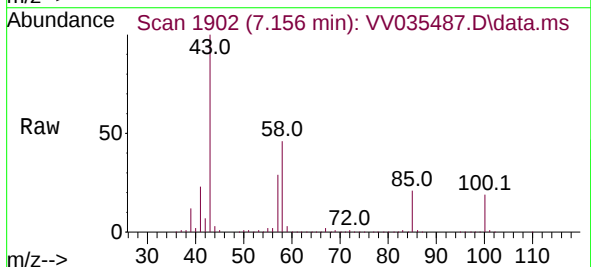
Instrument :
MSVOA_V
ClientSampleId :

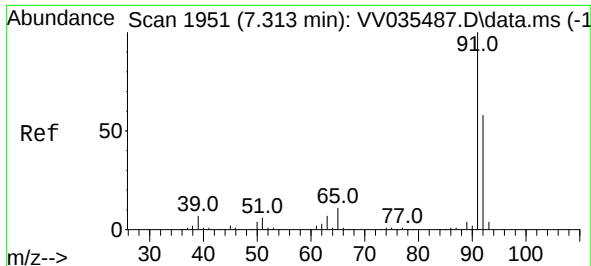
Tgt Ion: 75 Resp: 323835
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 116.975 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

Tgt Ion: 43 Resp: 559940
Ion Ratio Lower Upper
43 100
58 45.1 36.1 54.1
100 18.7 15.0 22.4





#42

Toluene

Concen: 53.090 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

Instrument :

MSVOA_V

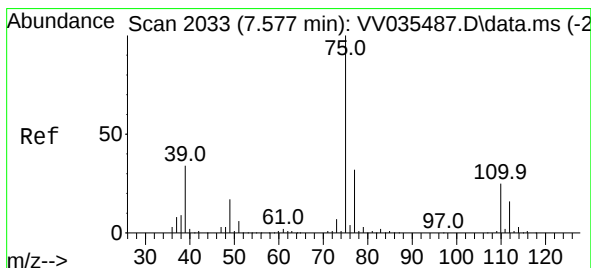
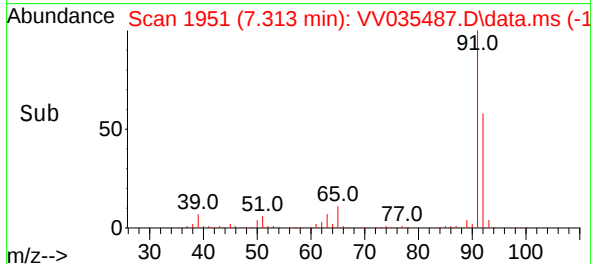
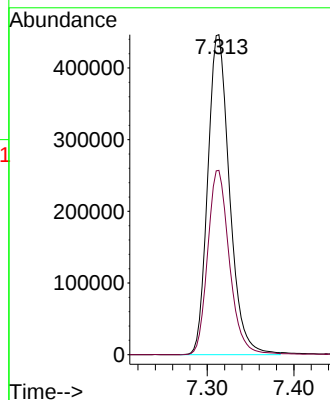
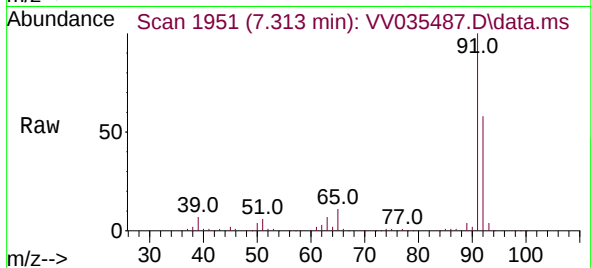
ClientSampleId :

Tgt Ion: 91 Resp: 780096

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 54.807 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035487.D

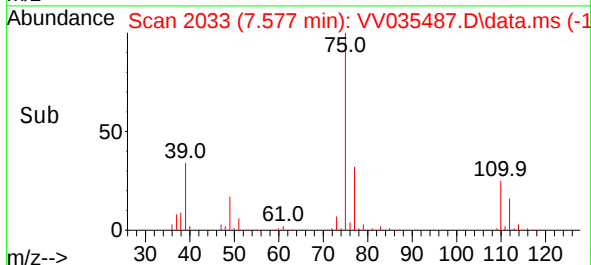
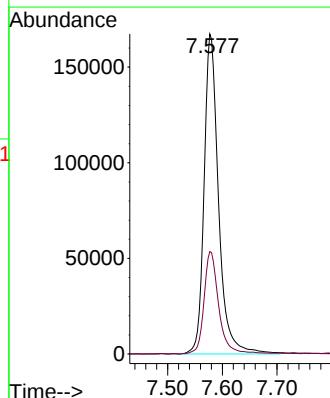
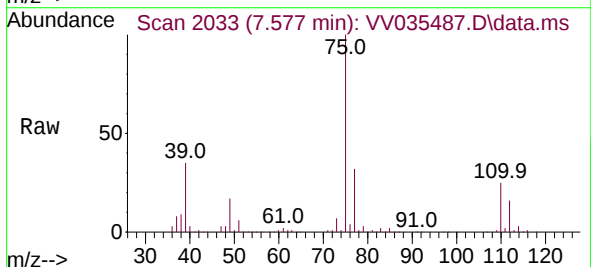
Acq: 01 May 2024 10:56

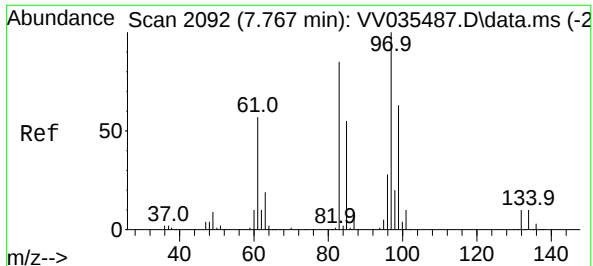
Tgt Ion: 75 Resp: 307255

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6

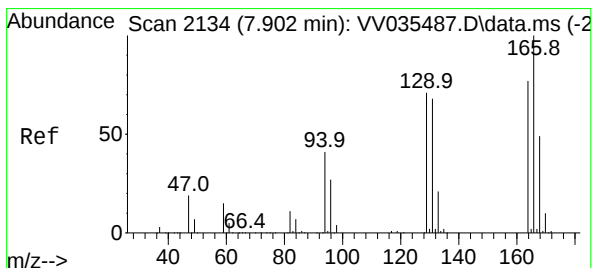
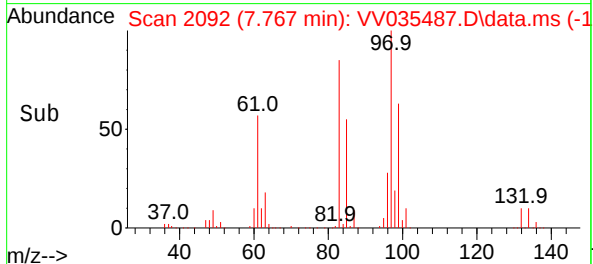
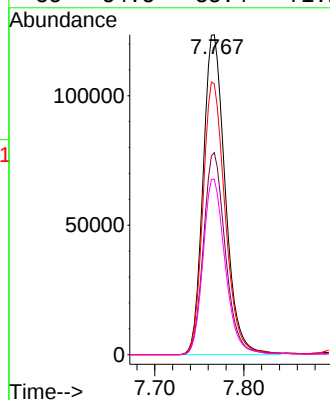
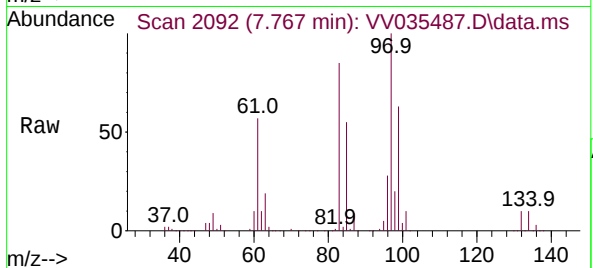




#45
1,1,2-Trichloroethane
Concen: 51.746 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

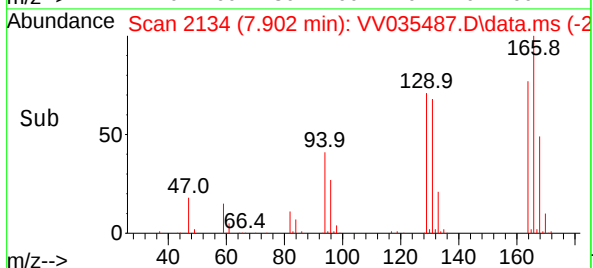
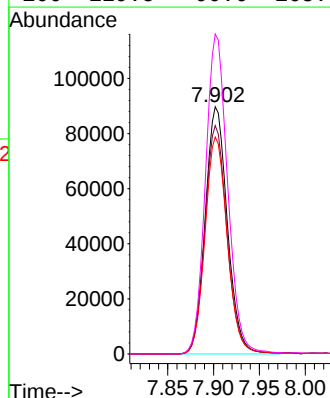
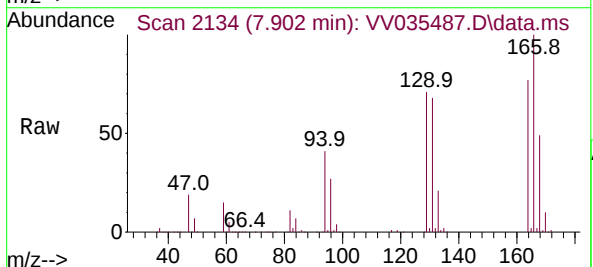
Instrument :
MSVOA_V
ClientSampleId :

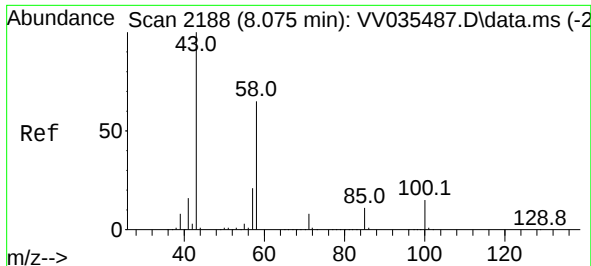
Tgt Ion:	97	Resp:	213378
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.2	82.2
83	84.7	59.3	110.1
85	54.8	38.4	71.2



#46
Tetrachloroethene
Concen: 50.670 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

Tgt Ion:	164	Resp:	150894
Ion	Ratio	Lower	Upper
164	100		
129	92.4	64.7	120.1
131	87.8	61.5	114.1
166	129.5	90.6	168.3





#48

2-Hexanone

Concen: 114.156 ug/L

RT: 8.075 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 461487

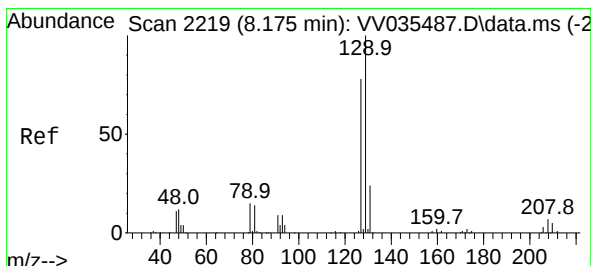
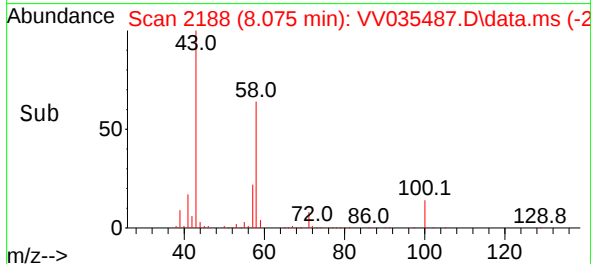
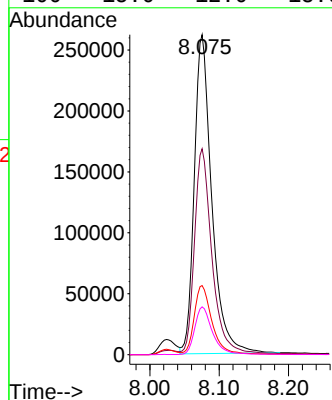
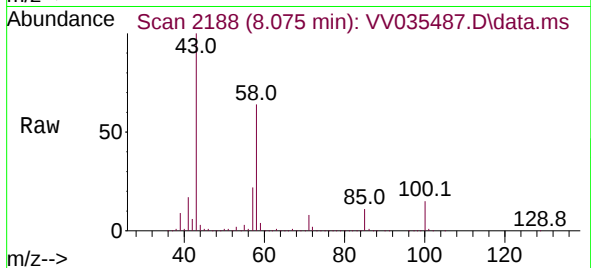
Ion Ratio Lower Upper

43 100

58 63.5 50.8 76.2

57 22.0 17.6 26.4

100 15.0 12.0 18.0



#49

Dibromochloromethane

Concen: 52.902 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV035487.D

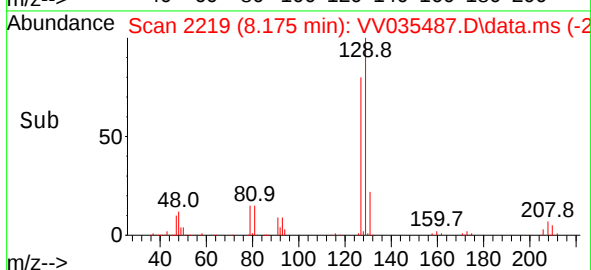
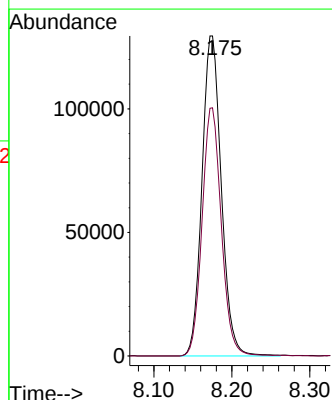
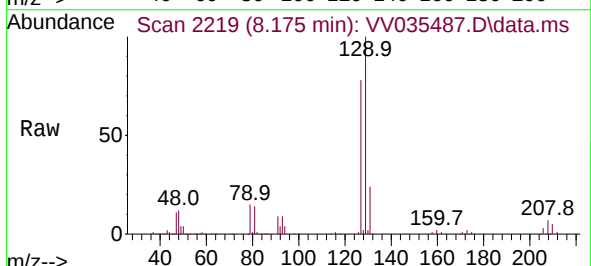
Acq: 01 May 2024 10:56

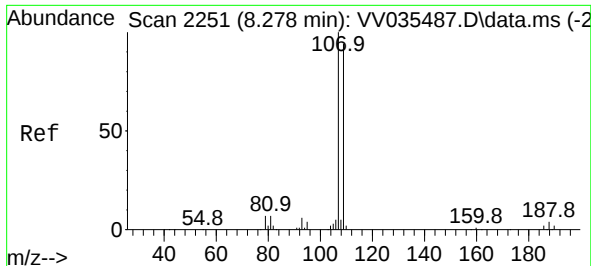
Tgt Ion: 129 Resp: 223435

Ion Ratio Lower Upper

129 100

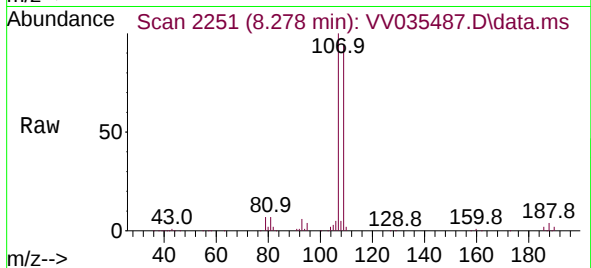
127 77.5 54.3 100.8



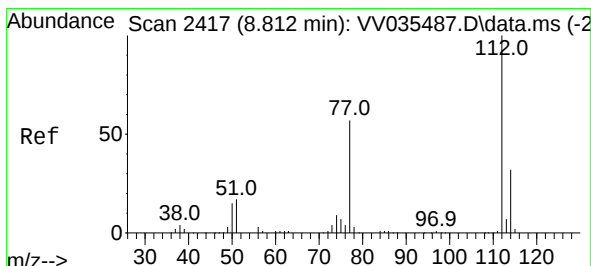
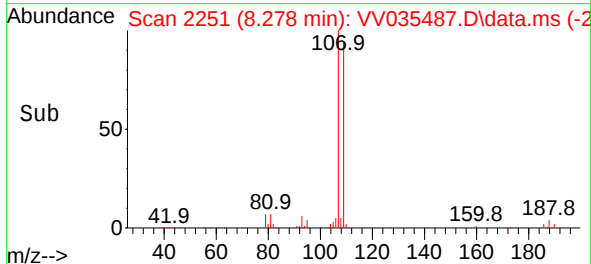
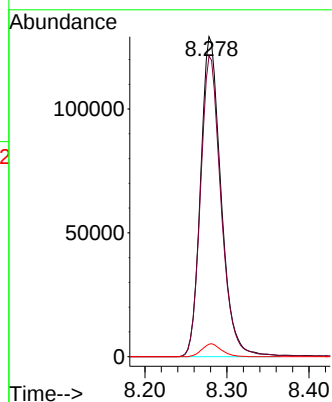


#50
1,2-Dibromoethane
Concen: 53.125 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

Instrument :
MSVOA_V
ClientSampleId :

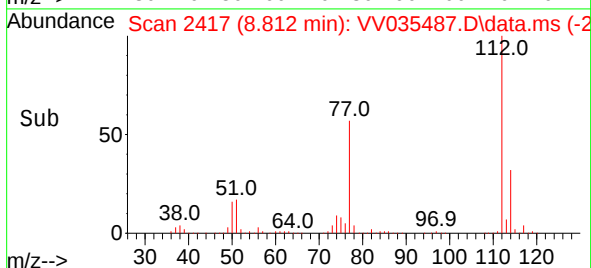
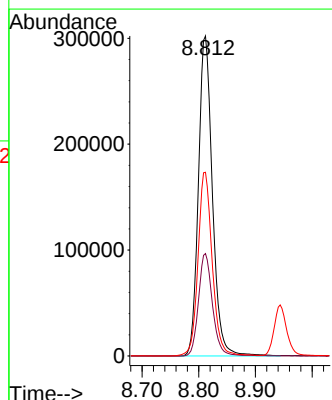
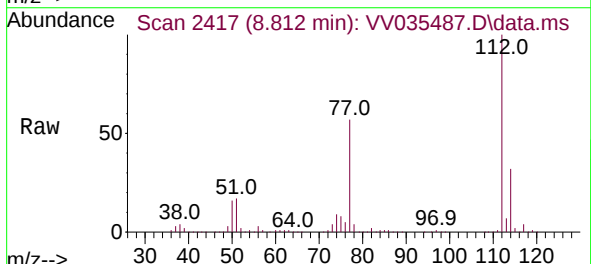


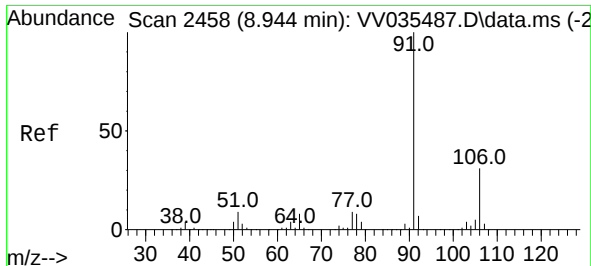
Tgt Ion:107 Resp: 222984
Ion Ratio Lower Upper
107 100
109 93.9 65.7 122.1
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 50.153 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

Tgt Ion:112 Resp: 519125
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 57.4 45.9 68.9





#52

Ethylbenzene

Concen: 52.819 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

Instrument :

MSVOA_V

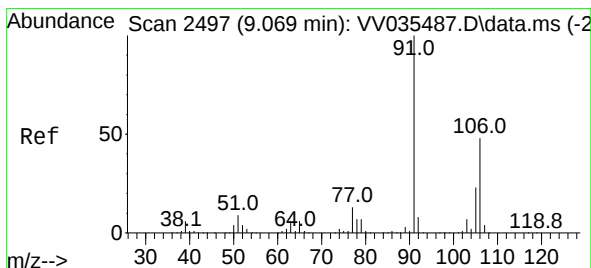
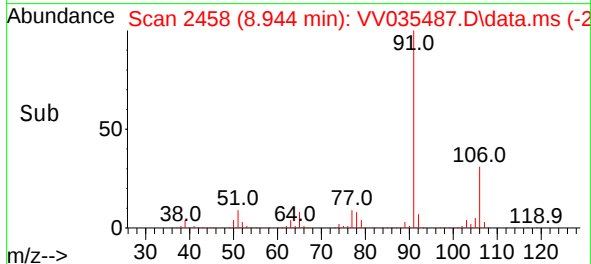
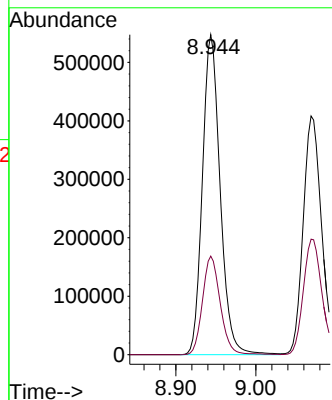
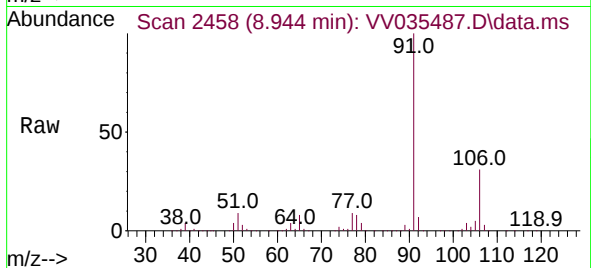
ClientSampleId :

Tgt Ion: 91 Resp: 846453

Ion Ratio Lower Upper

91 100

106 30.8 21.6 40.0



#53

m,p-Xylene

Concen: 52.971 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV035487.D

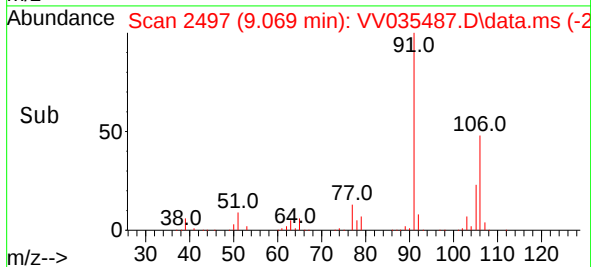
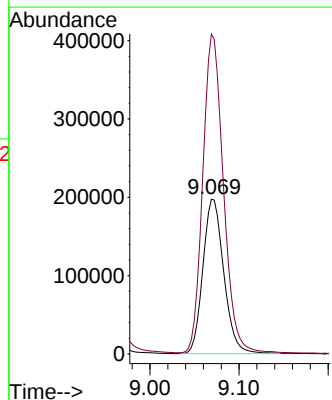
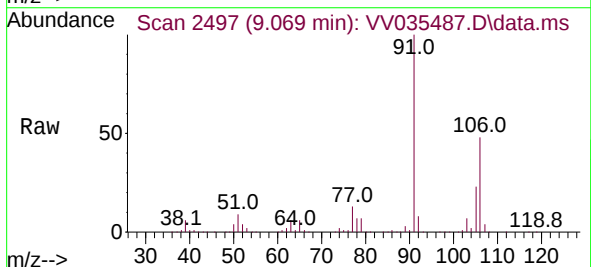
Acq: 01 May 2024 10:56

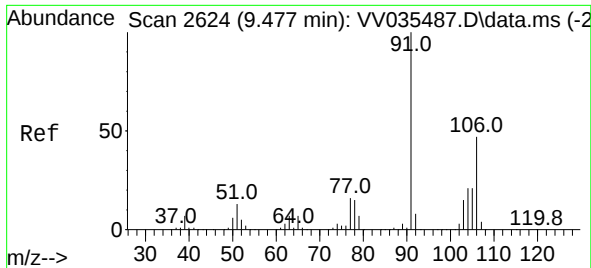
Tgt Ion: 106 Resp: 320559

Ion Ratio Lower Upper

106 100

91 206.8 144.8 268.8

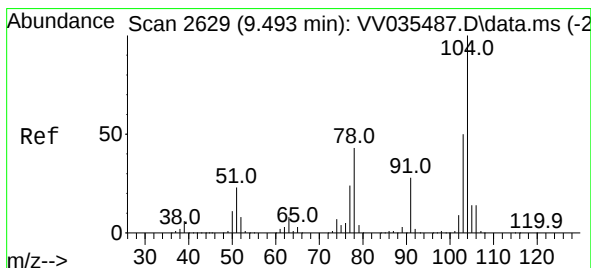
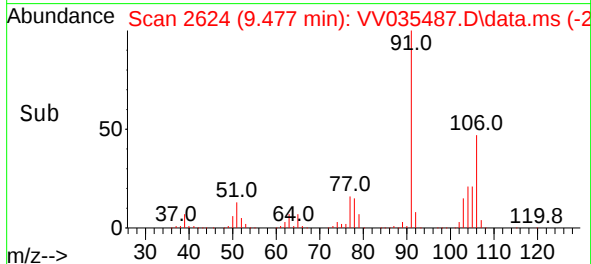
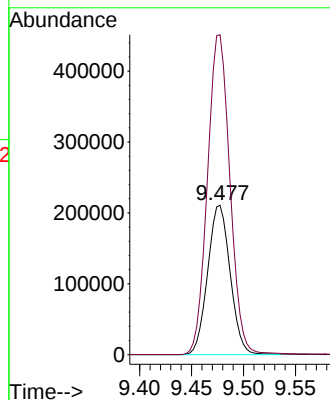
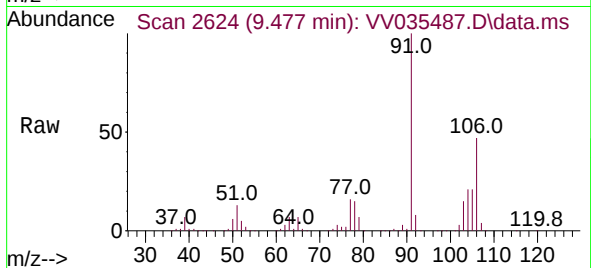




#54
o-Xylene
Concen: 53.430 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

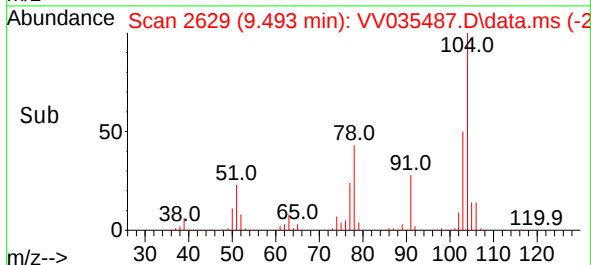
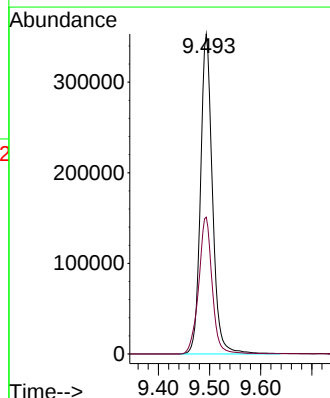
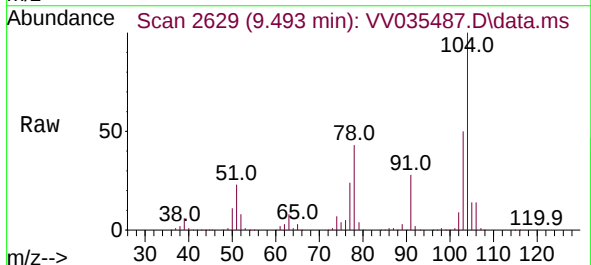
Instrument :
MSVOA_V
ClientSampleId :

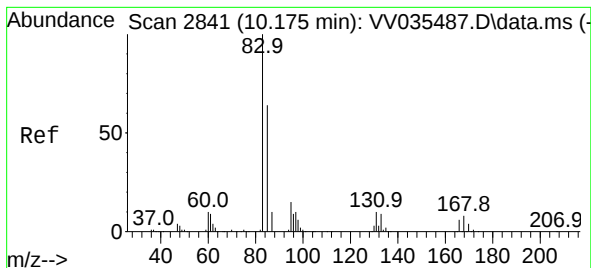
Tgt Ion:106 Resp: 317957
Ion Ratio Lower Upper
106 100
91 214.1 149.9 278.3



#55
Styrene
Concen: 56.079 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

Tgt Ion:104 Resp: 575065
Ion Ratio Lower Upper
104 100
78 42.7 29.9 55.5

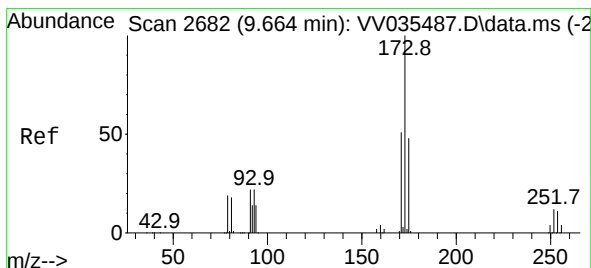
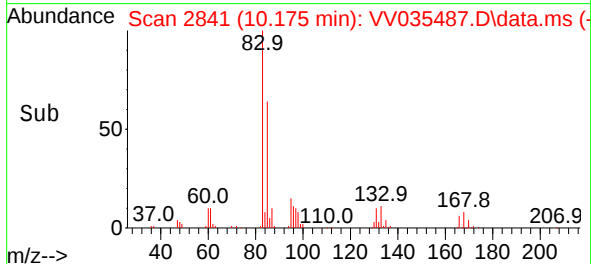
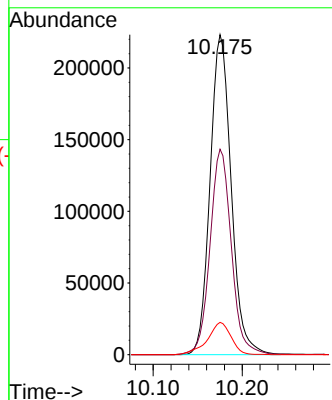
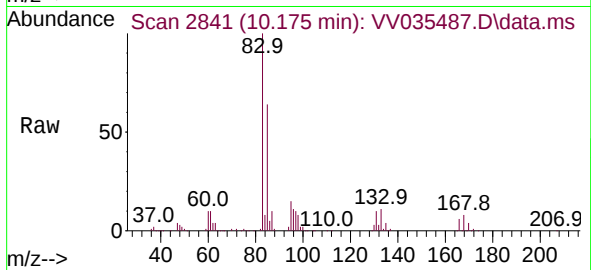




#57
1,1,2,2-Tetrachloroethane
Concen: 54.128 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

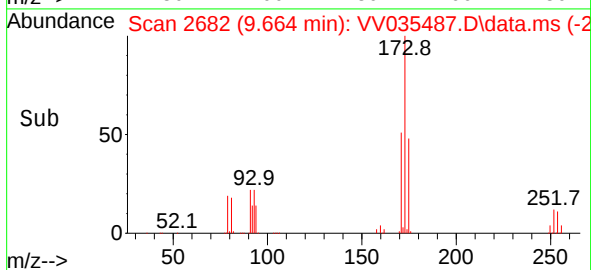
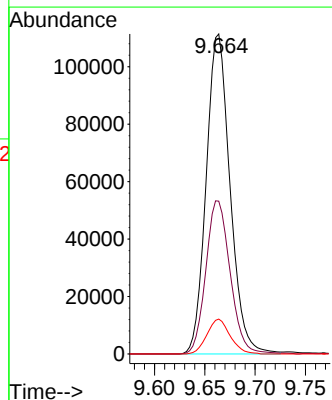
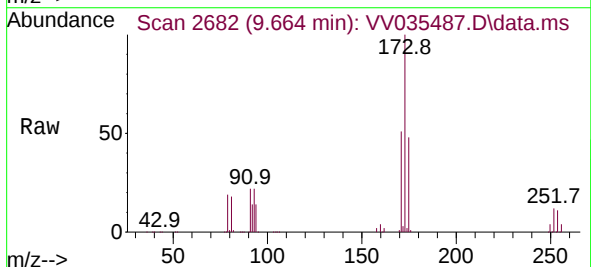
Instrument :
MSVOA_V
ClientSampleId :

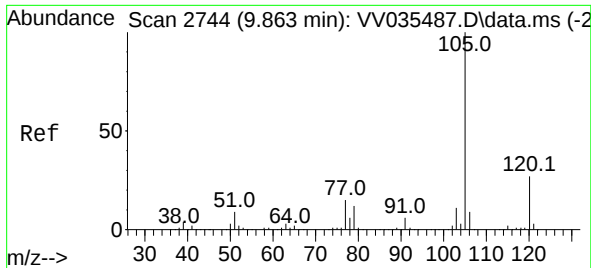
Tgt Ion: 83 Resp: 366774
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5
131 10.1 8.1 12.1



#59
Bromoform
Concen: 53.925 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

Tgt Ion: 173 Resp: 184061
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
254 10.6 8.5 12.7

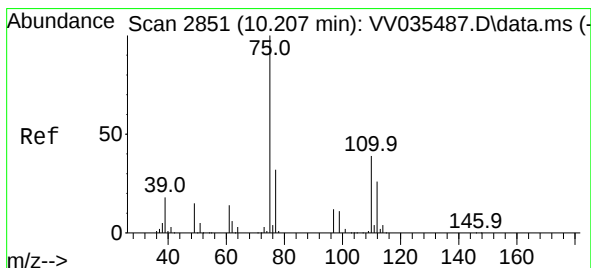
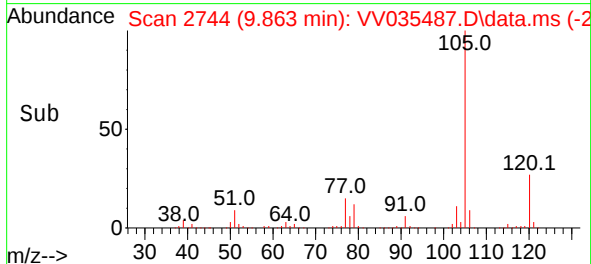
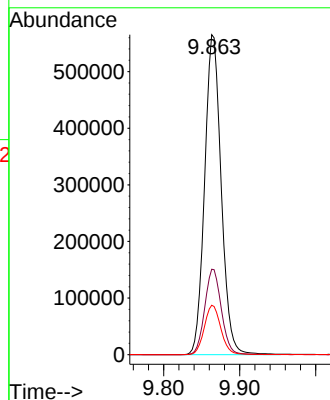
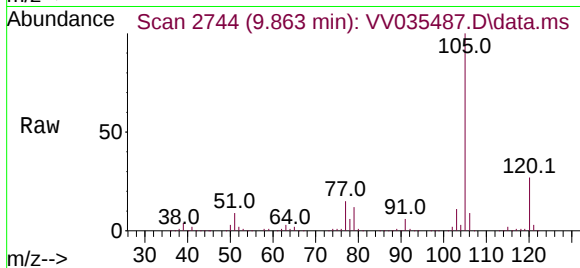




#60
Isopropylbenzene
Concen: 53.123 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

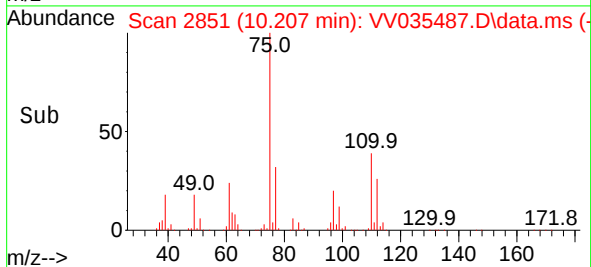
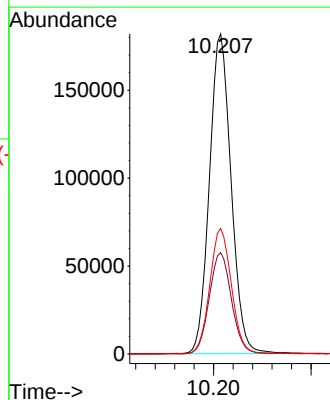
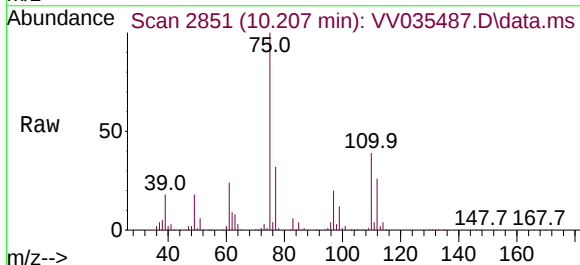
Instrument :
MSVOA_V
ClientSampleId :

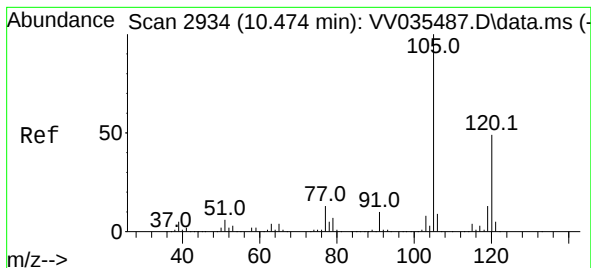
Tgt Ion:105 Resp: 856099
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 52.498 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

Tgt Ion: 75 Resp: 280391
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6
110 39.5 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 53.496 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

Instrument :

MSVOA_V

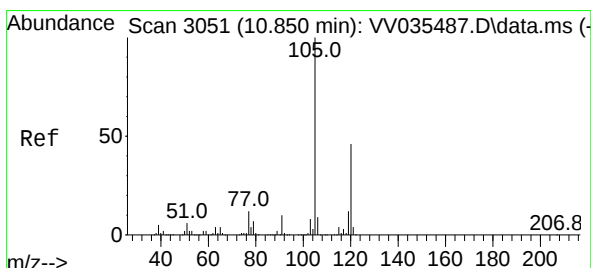
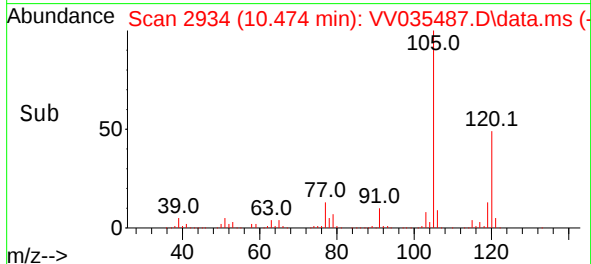
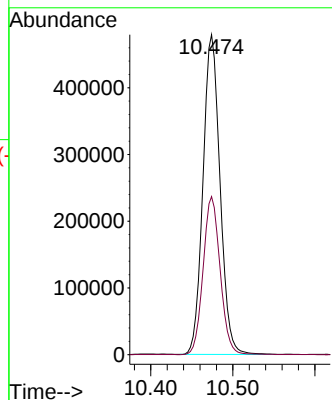
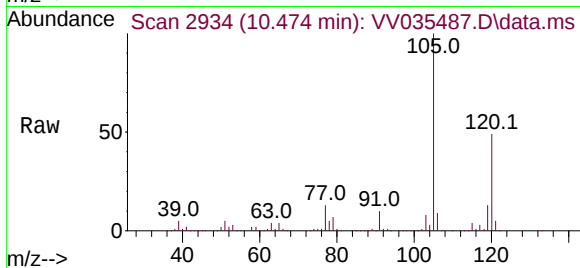
ClientSampleId :

Tgt Ion:105 Resp: 691683

Ion Ratio Lower Upper

105 100

120 49.4 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 55.189 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035487.D

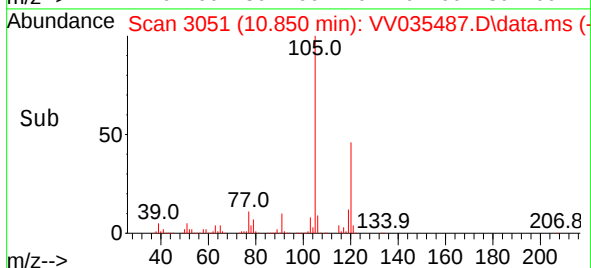
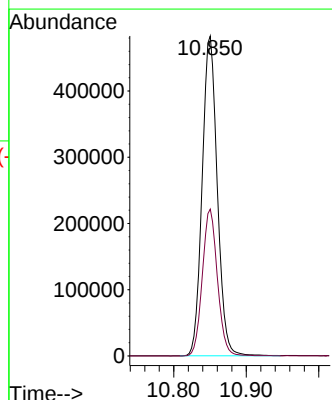
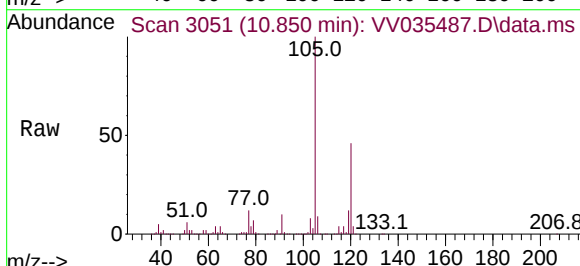
Acq: 01 May 2024 10:56

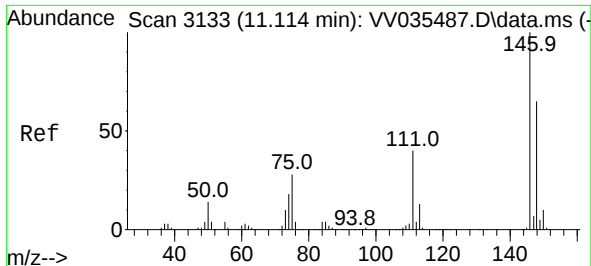
Tgt Ion:105 Resp: 699957

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0

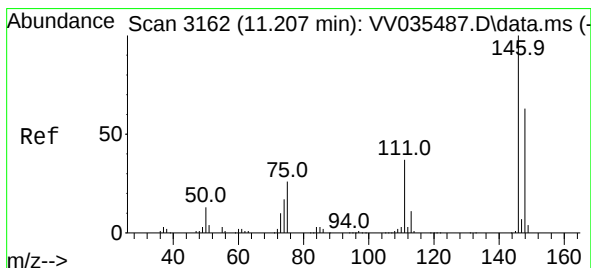
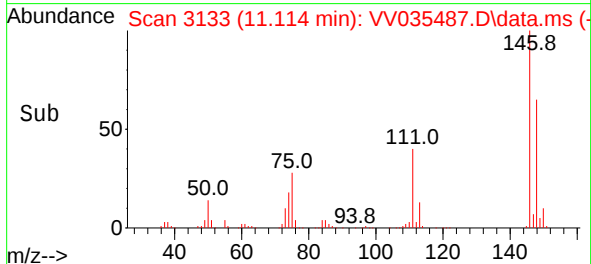
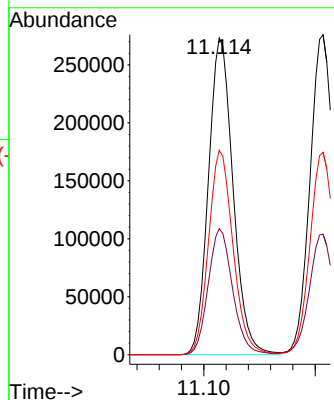
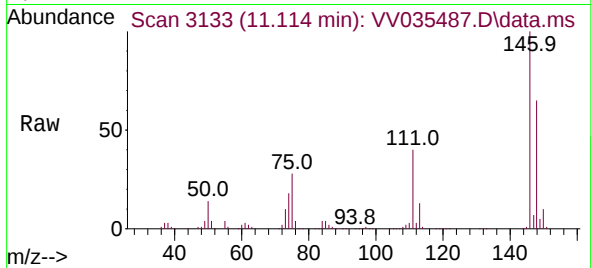




#64
1,3-Dichlorobenzene
Concen: 50.553 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

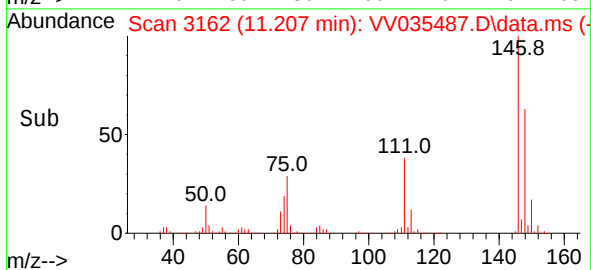
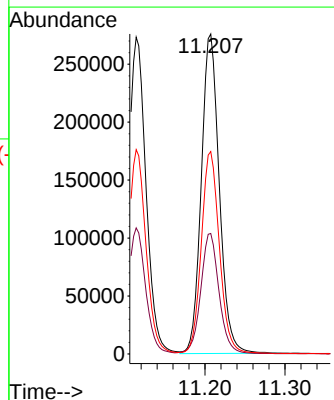
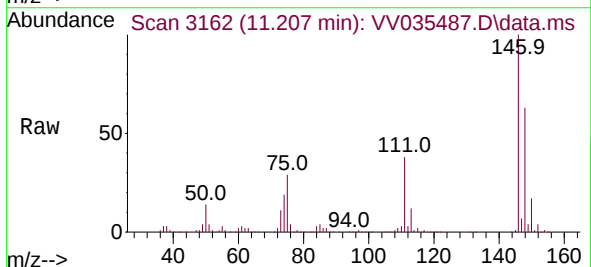
Instrument :
MSVOA_V
ClientSampleId :

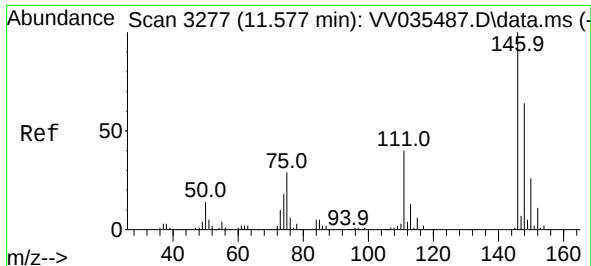
Tgt Ion:146 Resp: 419586
Ion Ratio Lower Upper
146 100
111 39.8 27.9 51.7
148 64.5 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 49.543 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV035487.D
Acq: 01 May 2024 10:56

Tgt Ion:146 Resp: 432372
Ion Ratio Lower Upper
146 100
111 37.7 26.4 49.0
148 63.3 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 51.972 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

Instrument :

MSVOA_V

ClientSampleId :

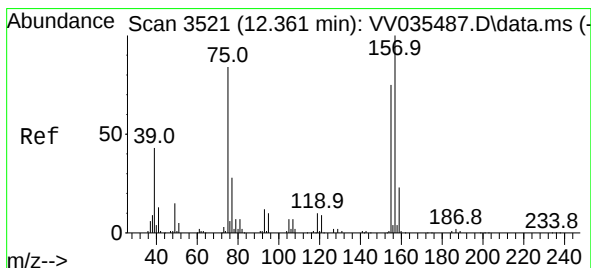
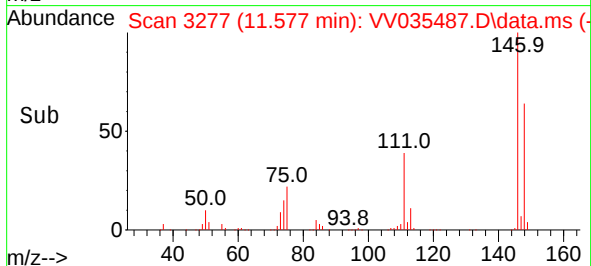
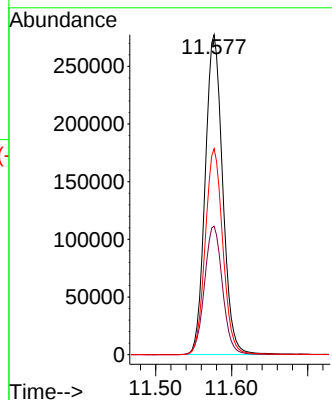
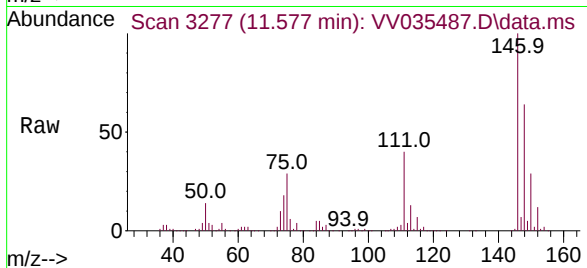
Tgt Ion:146 Resp: 442763

Ion Ratio Lower Upper

146 100

111 40.1 32.1 48.1

148 64.4 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 63.467 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

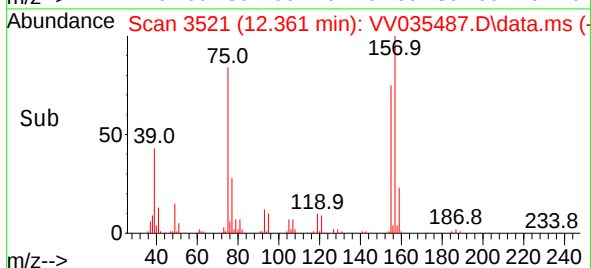
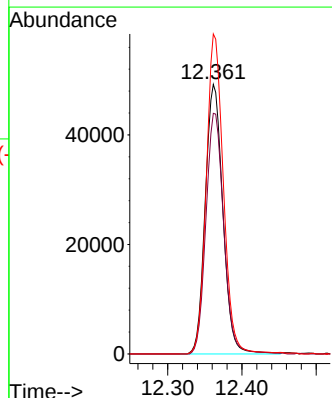
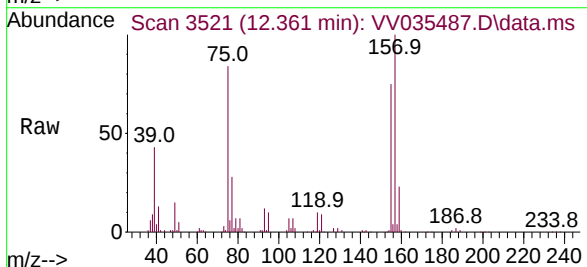
Tgt Ion: 75 Resp: 81089

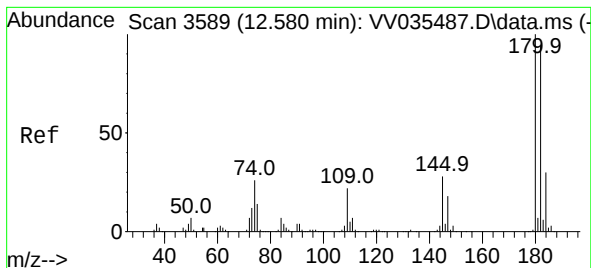
Ion Ratio Lower Upper

75 100

155 89.3 71.4 107.2

157 118.7 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 53.322 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

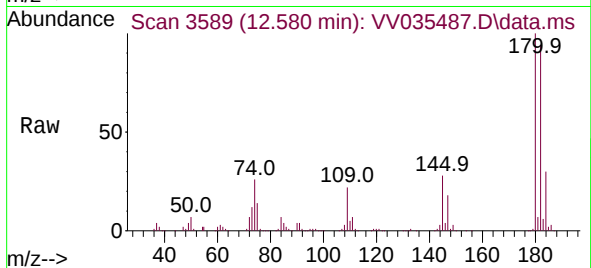
Lab File: VV035487.D

Acq: 01 May 2024 10:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 318872

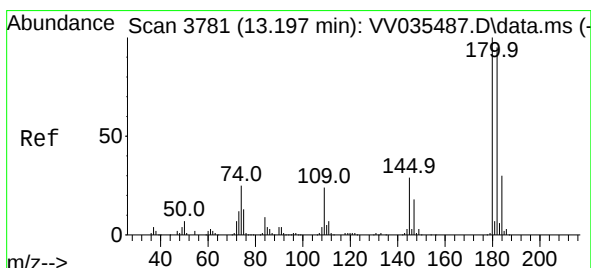
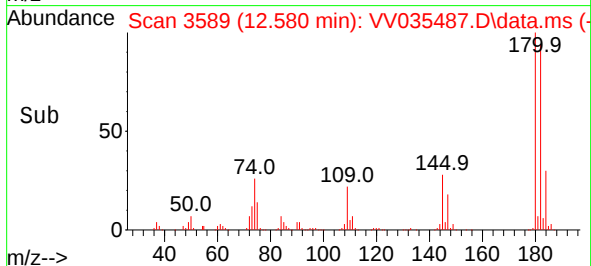
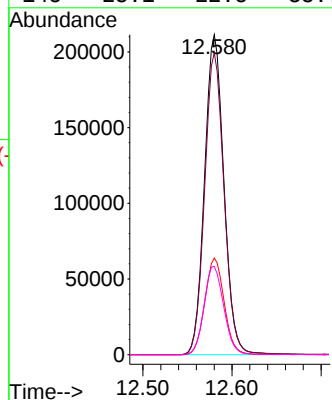
Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

184 30.1 24.1 36.1

145 28.1 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 56.424 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

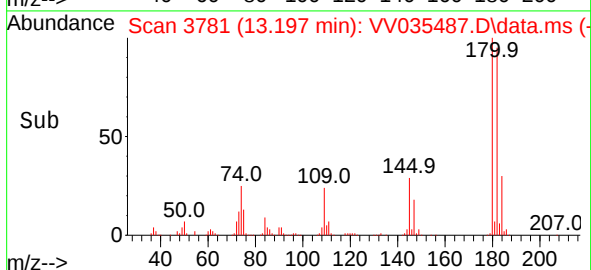
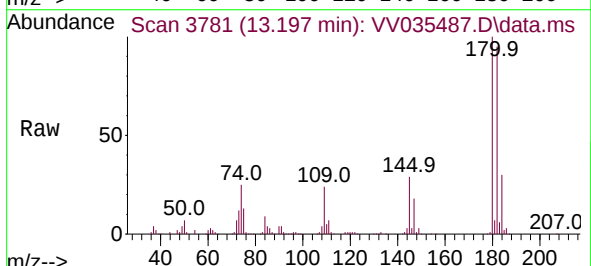
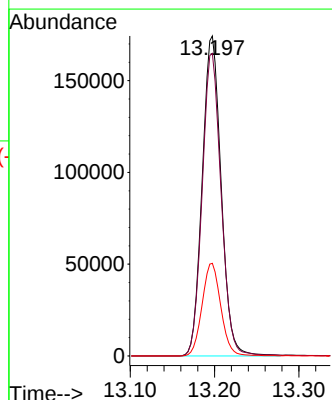
Tgt Ion:180 Resp: 272690

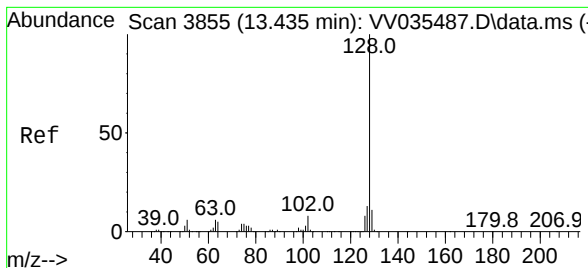
Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

145 28.7 23.0 34.4





#71

Naphthalene

Concen: 66.295 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

Instrument :

MSVOA_V

ClientSampleId :

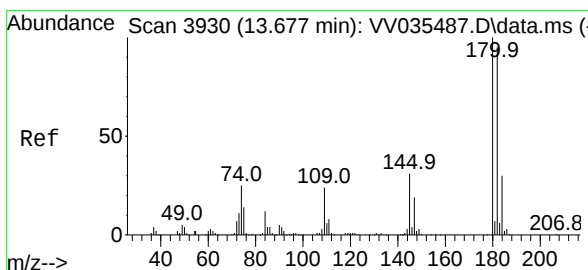
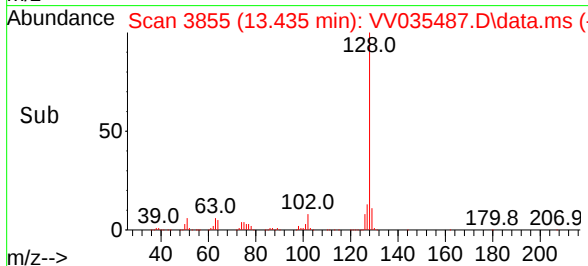
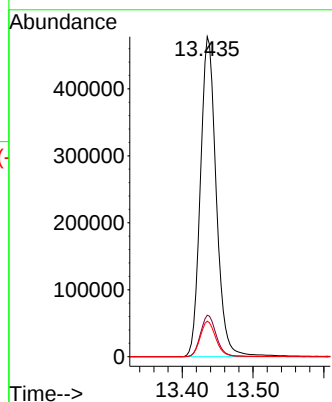
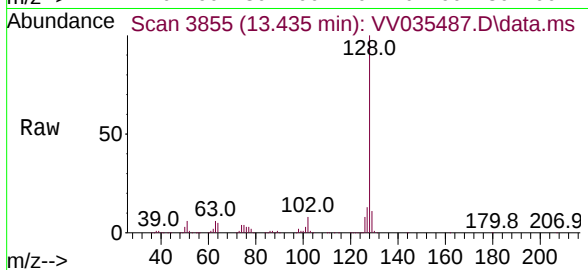
Tgt Ion:128 Resp: 742077

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 59.730 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035487.D

Acq: 01 May 2024 10:56

Tgt Ion:180 Resp: 284266

Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 31.1 24.9 37.3

