

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050124\
 Data File : VW035507.D
 Acq On : 01 May 2024 19:24
 Operator : SY/MD
 Sample : P2220-04MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0813MS

Quant Time: May 02 01:30:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 01:07:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	491937	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	501379	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	268051	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	171021	45.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.180%
7) Chloroethane-d5	1.529	69	140997	50.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.880%
11) 1,1-Dichloroethene-d2	2.056	65	74810	45.945	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.900%
21) 2-Butanone-d5	3.790	46	245215	95.789	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.790%
24) Chloroform-d	4.246	84	339418	48.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.560%
26) 1,2-Dichloroethane-d4	4.941	65	201944	49.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.580%
32) Benzene-d6	4.957	84	664689	47.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	5.986	67	204916	46.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.140%
41) Toluene-d8	7.240	98	621997	48.420	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.840%
43) trans-1,3-Dichloroprop...	7.551	79	99982	46.620	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.240%
47) 2-Hexanone-d5	8.021	63	195027	96.449	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.450%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	316021	47.132	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.260%
66) 1,2-Dichlorobenzene-d4	11.558	152	247137	46.406	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	157577	47.814	ug/L	99
3) Chloromethane	1.214	50	168697	47.251	ug/L	100
5) Vinyl chloride	1.282	62	181731	48.335	ug/L	100
6) Bromomethane	1.484	94	114267	47.799	ug/L	100
8) Chloroethane	1.545	64	120323	55.659	ug/L	100
9) Trichlorofluoromethane	1.709	101	251331	49.687	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	156691	48.872	ug/L	99
12) 1,1-Dichloroethene	2.066	96	139663	48.767	ug/L	92
13) Acetone	2.121	43	190181	80.247	ug/L	100
14) Carbon disulfide	2.237	76	352230	46.817	ug/L	100
15) Methyl Acetate	2.372	43	189111	49.191	ug/L	98
16) Methylene chloride	2.446	84	182570	50.311	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	148966	49.211	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	530212	49.805	ug/L	100
19) 1,1-Dichloroethane	3.108	63	317429	49.939	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	181261	50.346	ug/L	99
22) 2-Butanone	3.870	43	254114	90.575	ug/L	100
23) Bromochloromethane	4.143	128	99461	50.512	ug/L	96
25) Chloroform	4.272	83	335241	51.097	ug/L	99

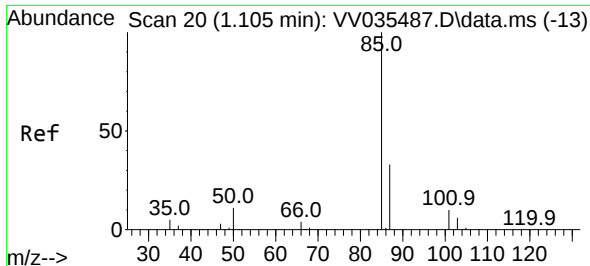
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050124\
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 Quant Title : VOC Analysis
 QLast Update : Thu May 02 01:07:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	244720	52.119	ug/L	98
29) Cyclohexane	4.580	56	211896	47.335	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	282015	49.149	ug/L	99
31) Carbon tetrachloride	4.732	117	242153	48.808	ug/L	99
33) Benzene	5.008	78	664788	49.101	ug/L	100
34) Trichloroethene	5.831	95	172684	47.928	ug/L	99
35) Methylcyclohexane	6.050	83	240999	47.415	ug/L	99
37) 1,2-Dichloropropane	6.092	63	188450	50.660	ug/L	99
38) Bromodichloromethane	6.429	83	252427	49.324	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	281796	48.257	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	499093	100.512	ug/L	100
42) Toluene	7.314	91	712775	50.181	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	275158	49.607	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	197306	49.594	ug/L	99
46) Tetrachloroethene	7.902	164	138125	47.465	ug/L	98
48) 2-Hexanone	8.072	43	404483	100.115	ug/L	99
49) Dibromochloromethane	8.175	129	203572	48.883	ug/L	99
50) 1,2-Dibromoethane	8.281	107	207214	49.853	ug/L	98
51) Chlorobenzene	8.812	112	480038	48.684	ug/L	99
52) Ethylbenzene	8.944	91	771409	50.271	ug/L	99
53) m,p-Xylene	9.072	106	294018	51.649	ug/L	97
54) o-Xylene	9.477	106	288359	50.270	ug/L	99
55) Styrene	9.493	104	529241	53.383	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	335140	49.234	ug/L	100
59) Bromoform	9.664	173	166598	48.052	ug/L	100
60) Isopropylbenzene	9.866	105	783086	50.590	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	255810	47.570	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	627383	50.643	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	638027	51.361	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	390503	48.719	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	399261	47.207	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	405318	48.333	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.362	75	75931	47.945	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	292555	48.086	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	261311	48.756	ug/L	99
71) Naphthalene	13.435	128	747155	49.739	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	282072	50.703	ug/L	99

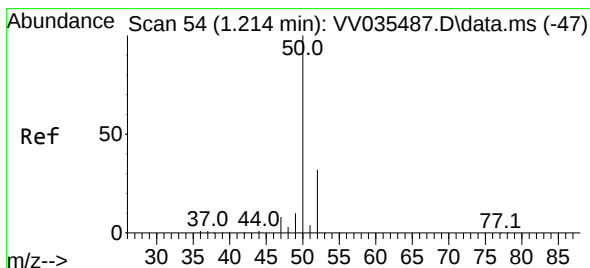
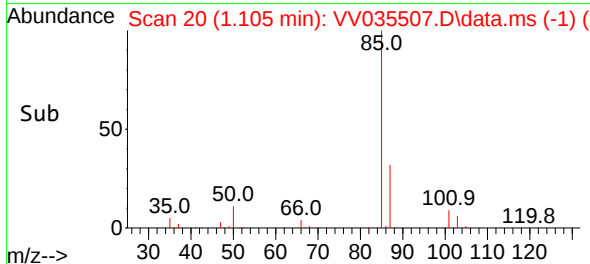
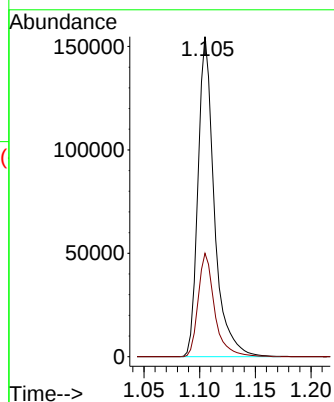
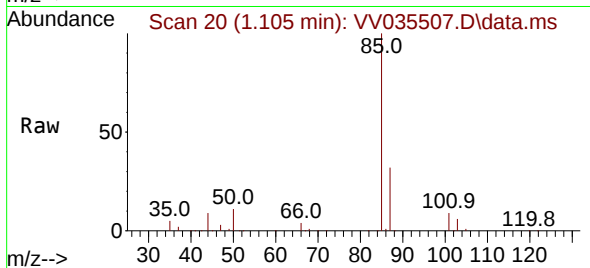
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 47.814 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035507.D
 Acq: 01 May 2024 19:24

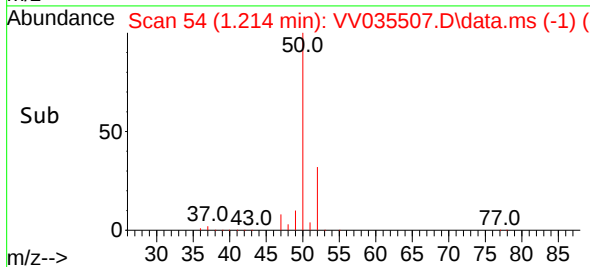
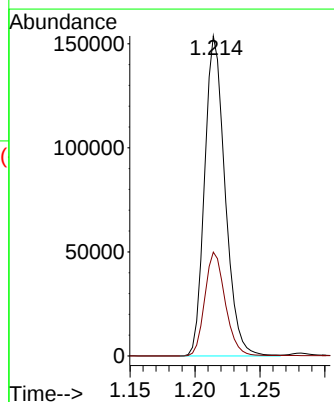
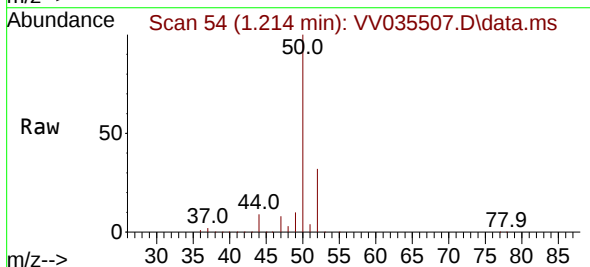
Instrument :
 MSVOA_V
 ClientSampleId :
 E0813MS

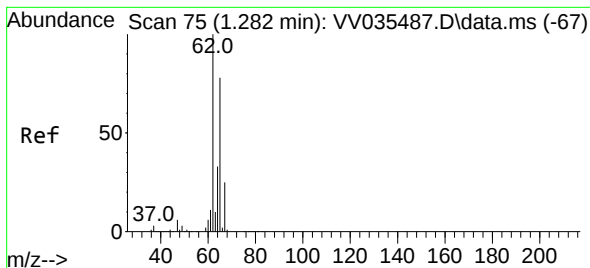
Tgt Ion: 85 Resp: 157577
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#3
 Chloromethane
 Concen: 47.251 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035507.D
 Acq: 01 May 2024 19:24

Tgt Ion: 50 Resp: 168697
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.6 42.0





#5

Vinyl chloride

Concen: 48.335 ug/L

RT: 1.282 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

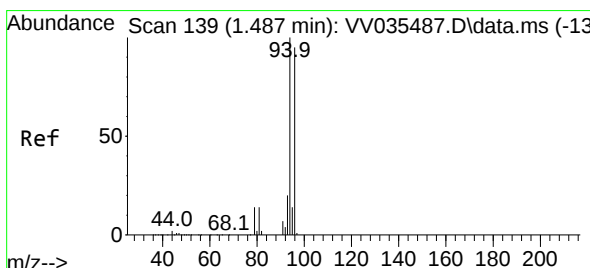
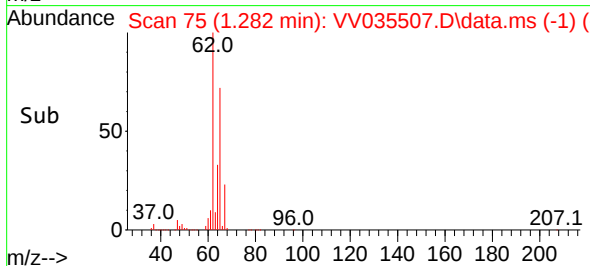
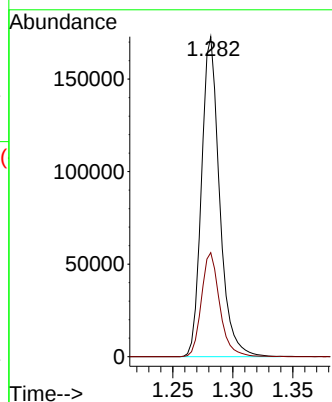
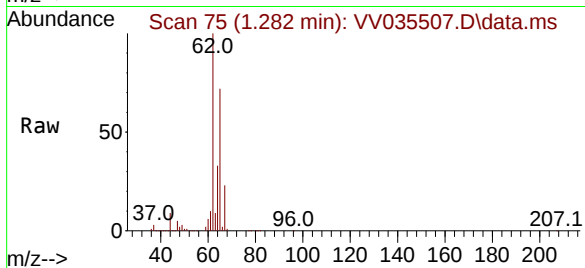
E0813MS

Tgt Ion: 62 Resp: 181731

Ion Ratio Lower Upper

62 100

64 32.5 22.9 42.5



#6

Bromomethane

Concen: 47.799 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV035507.D

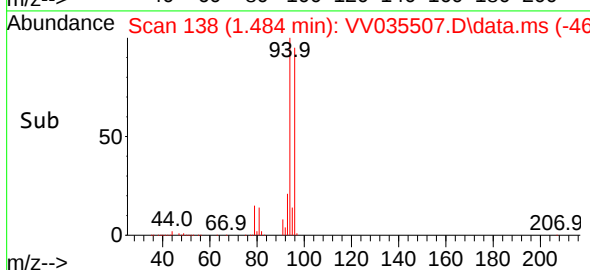
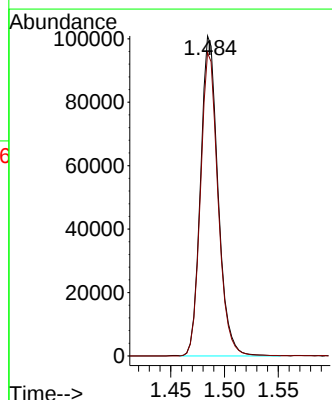
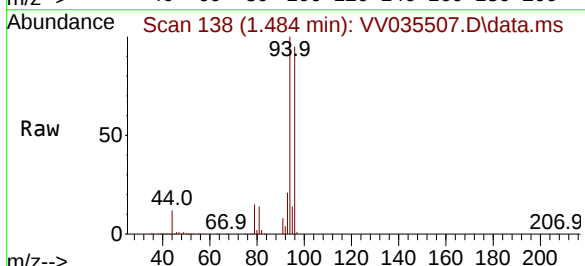
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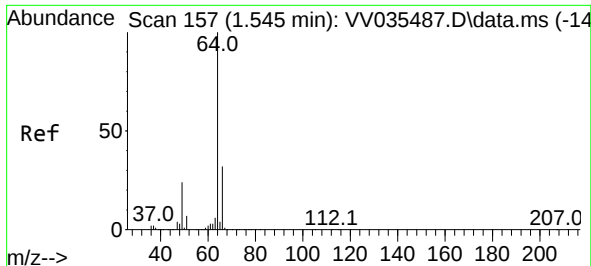
Tgt Ion: 94 Resp: 114267

Ion Ratio Lower Upper

94 100

96 94.8 66.2 123.0

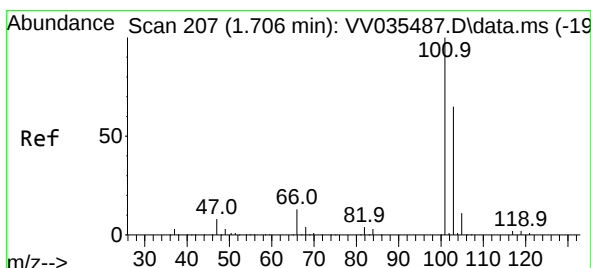
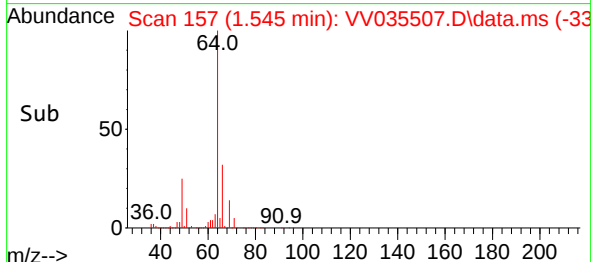
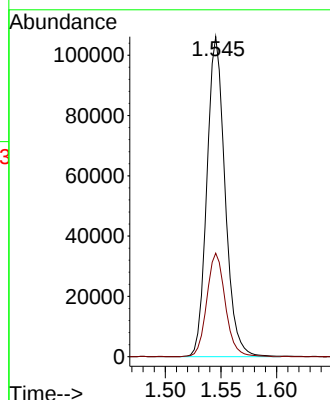
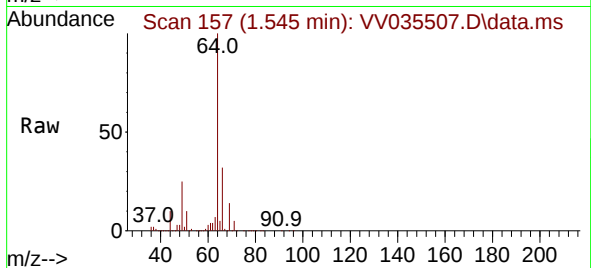




#8
Chloroethane
Concen: 55.659 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

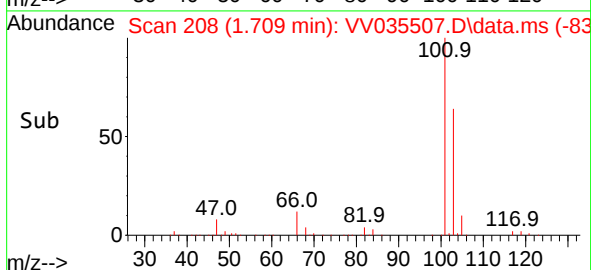
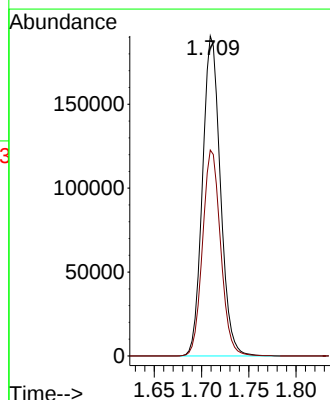
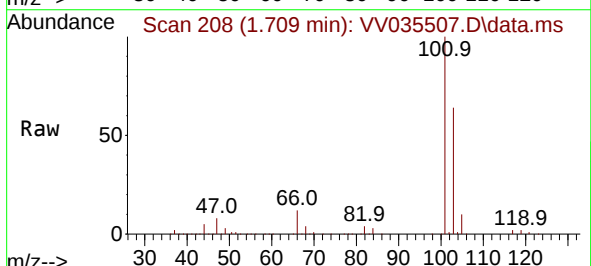
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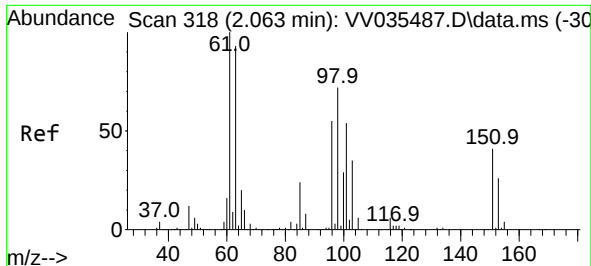
Tgt Ion: 64 Resp: 120323
Ion Ratio Lower Upper
64 100
66 32.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 49.687 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

Tgt Ion:101 Resp: 251331
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0

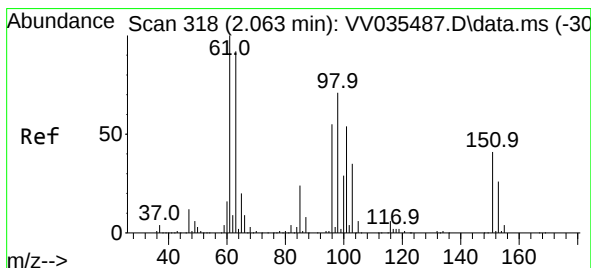
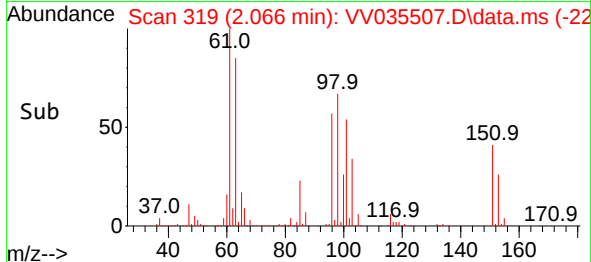
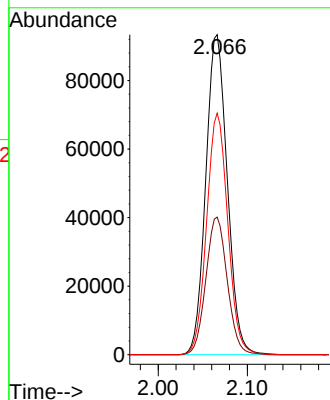
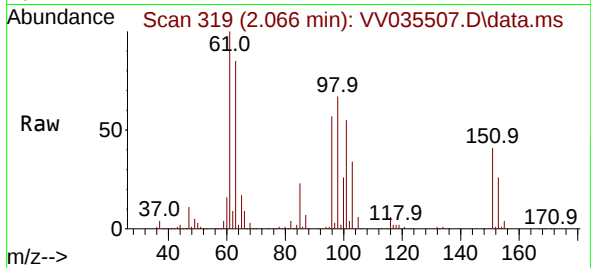




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.872 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

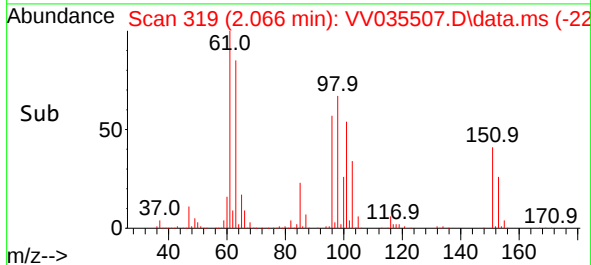
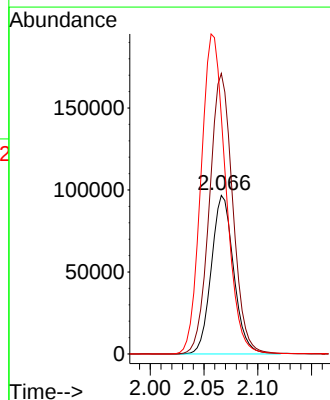
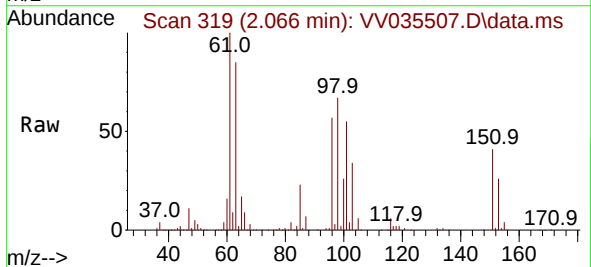
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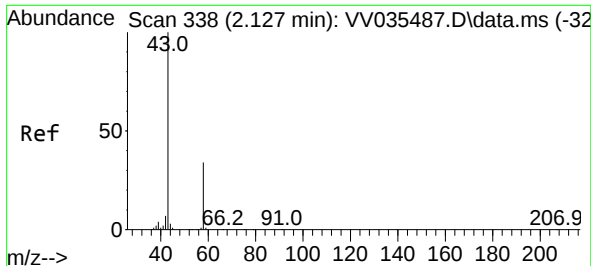
Tgt Ion:101 Resp: 156691
Ion Ratio Lower Upper
101 100
85 42.8 34.4 51.6
151 74.3 60.1 90.1



#12
1,1-Dichloroethene
Concen: 48.767 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

Tgt Ion: 96 Resp: 139663
Ion Ratio Lower Upper
96 100
61 176.9 126.5 234.9
63 149.7 118.1 219.3





#13

Acetone

Concen: 80.247 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

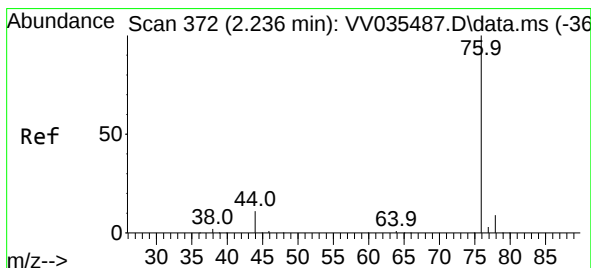
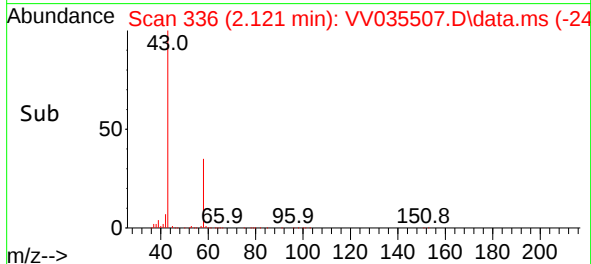
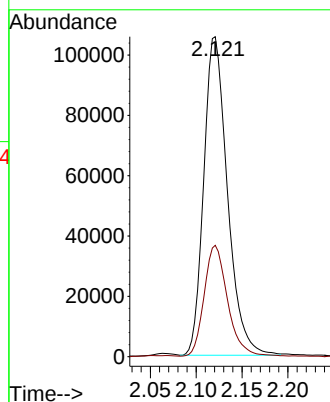
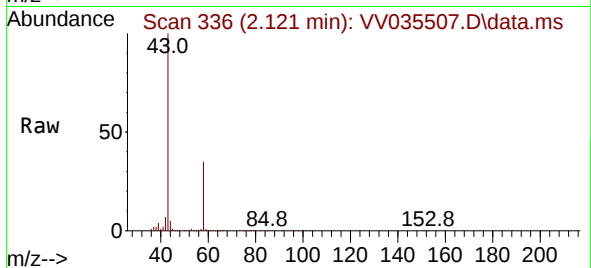
E0813MS

Tgt Ion: 43 Resp: 190181

Ion Ratio Lower Upper

43 100

58 34.2 0.0 68.8



#14

Carbon disulfide

Concen: 46.817 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035507.D

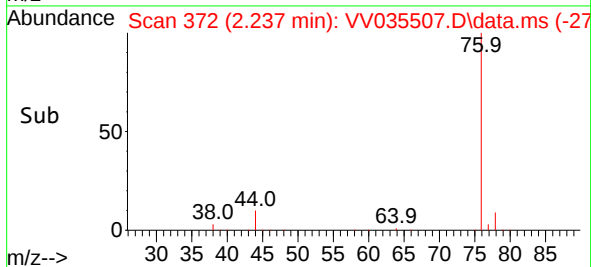
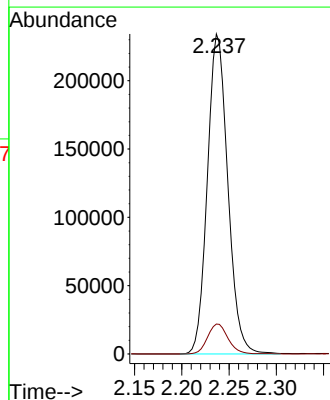
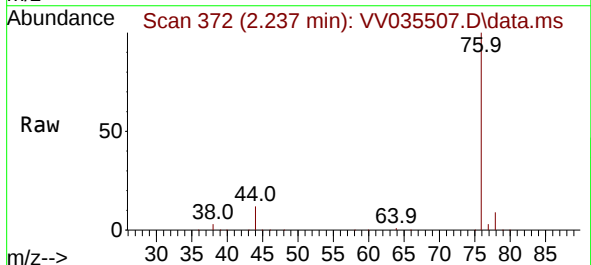
Acq: 01 May 2024 19:24

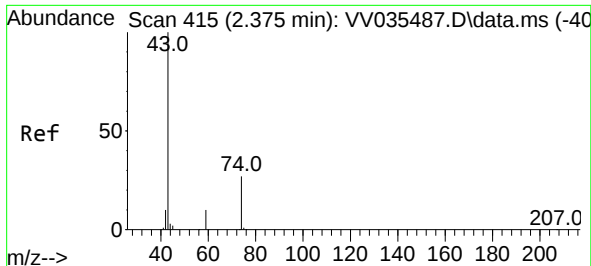
Tgt Ion: 76 Resp: 352230

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4

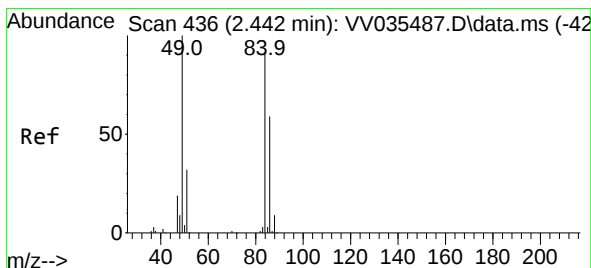
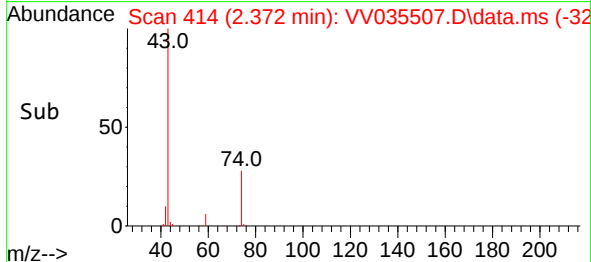
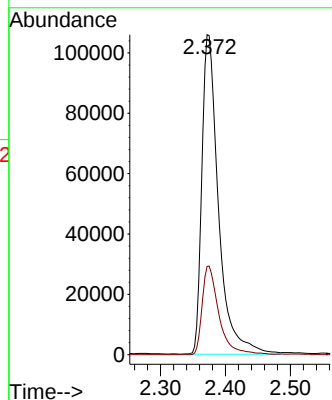
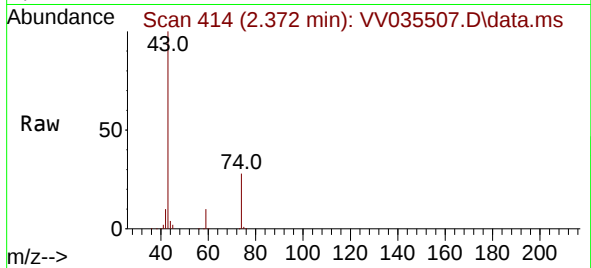




#15
Methyl Acetate
Concen: 49.191 ug/L
RT: 2.372 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

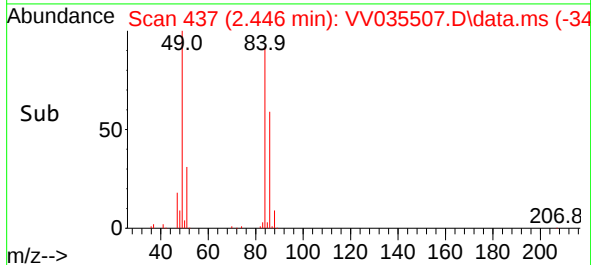
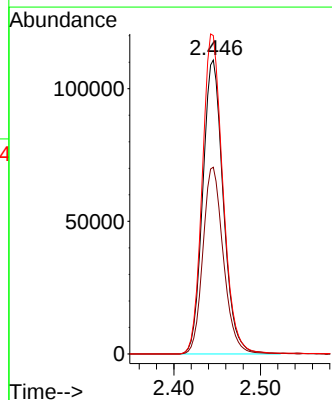
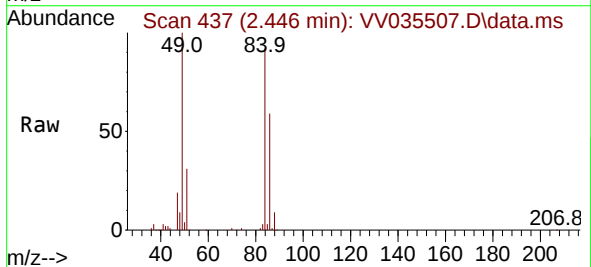
Instrument :
MSVOA_V
ClientSampleId :
E0813MS

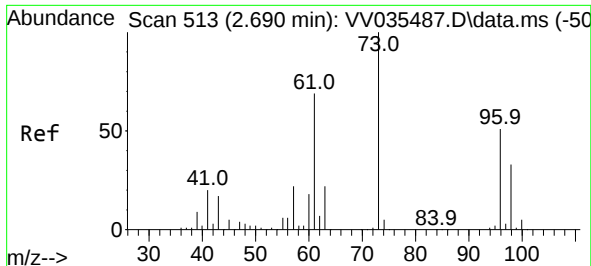
Tgt Ion: 43 Resp: 189111
Ion Ratio Lower Upper
43 100
74 27.8 21.6 32.4



#16
Methylene chloride
Concen: 50.311 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

Tgt Ion: 84 Resp: 182570
Ion Ratio Lower Upper
84 100
86 63.5 45.3 84.1
49 108.3 76.9 142.7





#17

trans-1,2-Dichloroethene

Concen: 49.211 ug/L

RT: 2.693 min Scan# 513

Delta R.T. 0.003 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

E0813MS

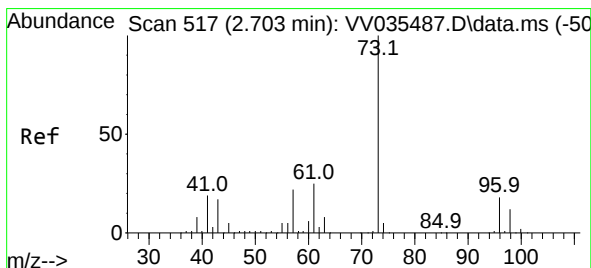
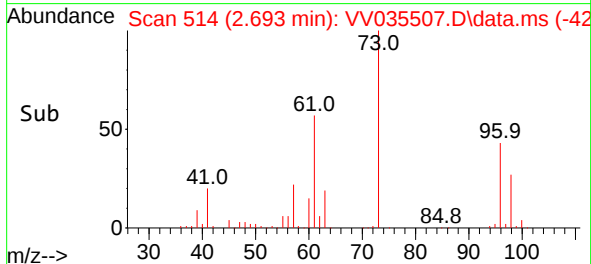
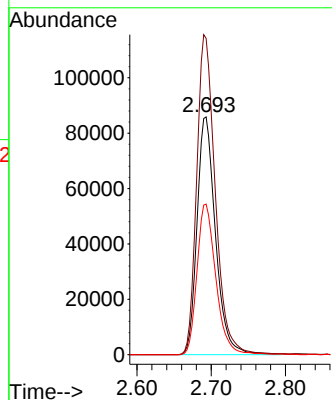
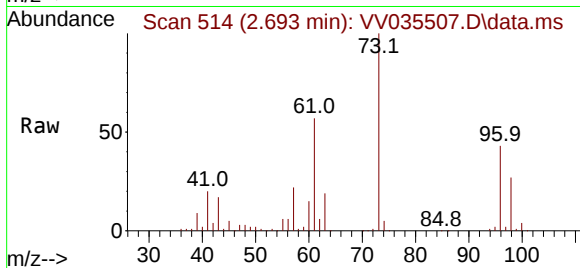
Tgt Ion: 96 Resp: 148966

Ion Ratio Lower Upper

96 100

61 133.0 95.5 177.3

98 63.3 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 49.805 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

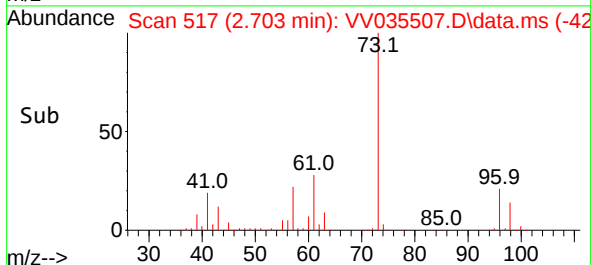
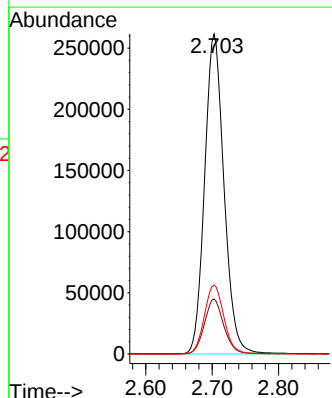
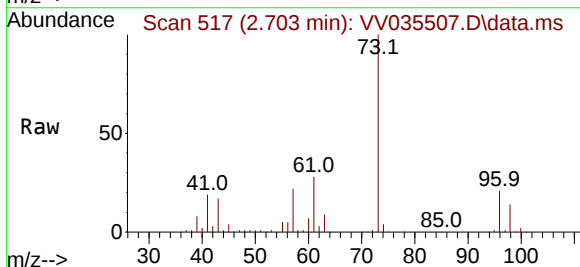
Tgt Ion: 73 Resp: 530212

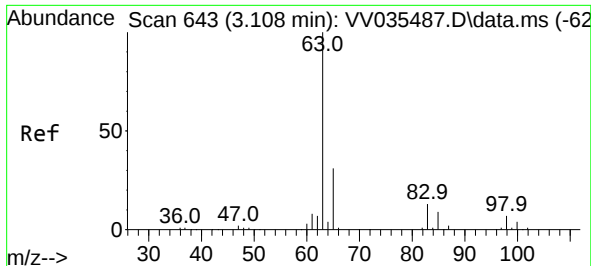
Ion Ratio Lower Upper

73 100

43 17.1 13.6 20.4

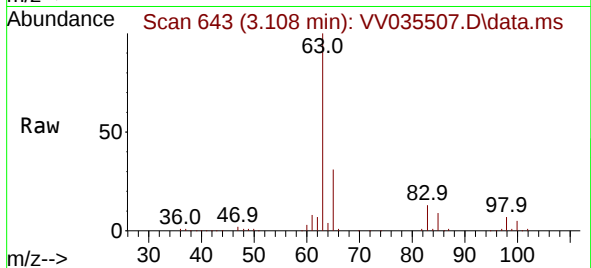
57 21.8 17.4 26.0



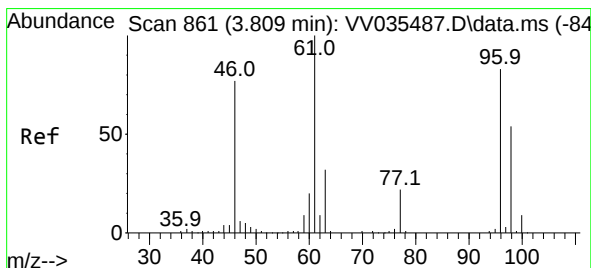
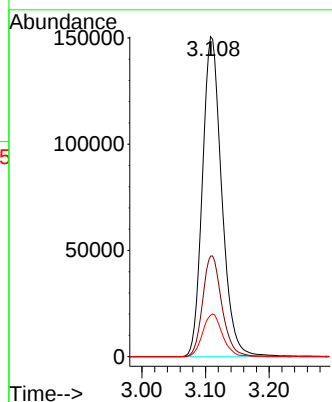
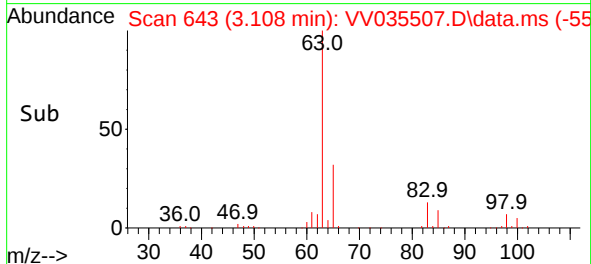


#19
1,1-Dichloroethane
Concen: 49.939 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

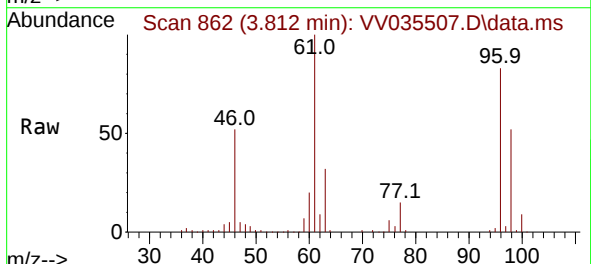
Instrument :
MSVOA_V
ClientSampleId :
E0813MS



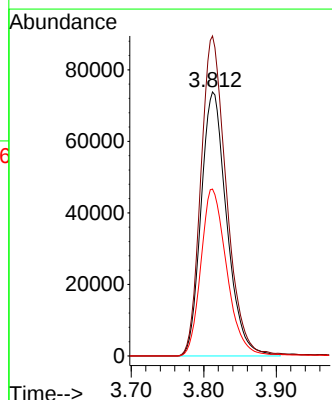
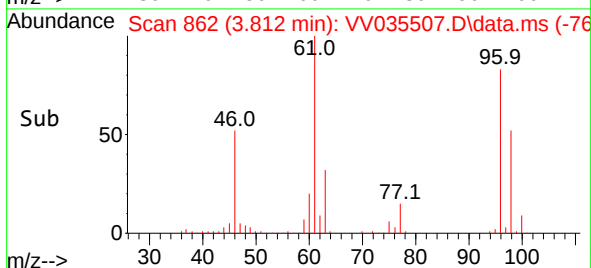
Tgt Ion: 63 Resp: 317429
Ion Ratio Lower Upper
63 100
65 31.5 21.8 40.4
83 13.0 9.2 17.2

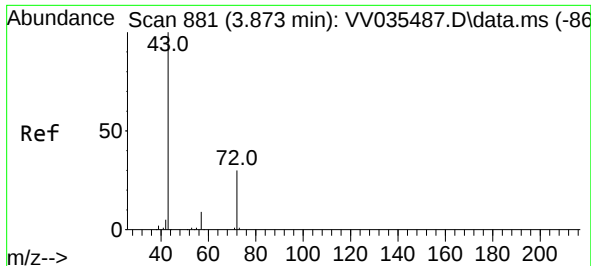


#20
cis-1,2-Dichloroethene
Concen: 50.346 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24



Tgt Ion: 96 Resp: 181261
Ion Ratio Lower Upper
96 100
61 121.2 84.0 156.0
98 63.2 44.9 83.5

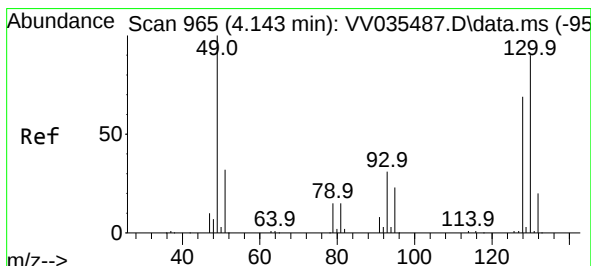
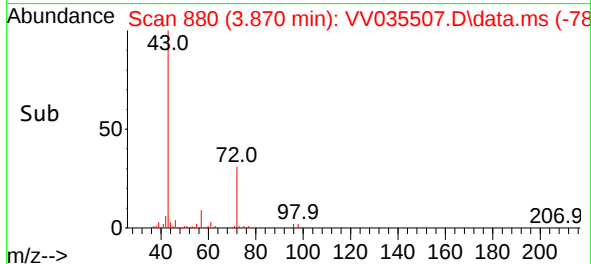
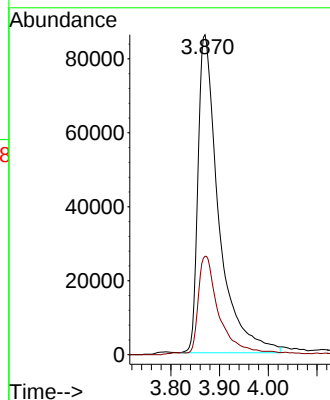
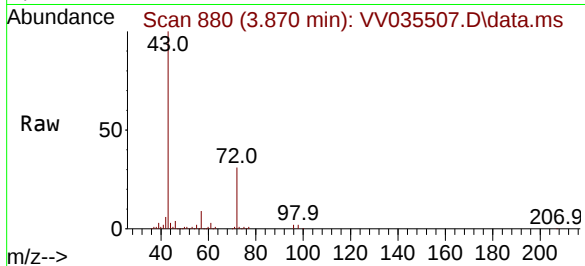




#22
2-Butanone
Concen: 90.575 ug/L
RT: 3.870 min Scan# 881
Delta R.T. -0.003 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

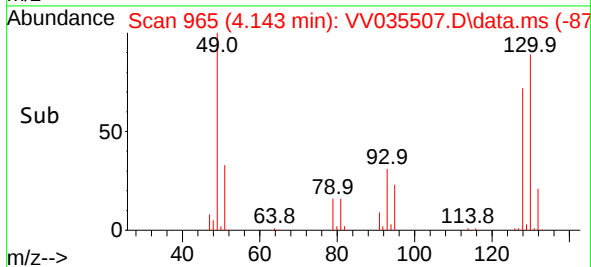
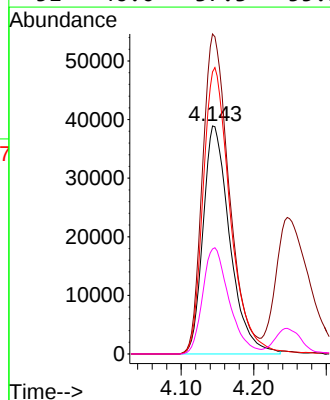
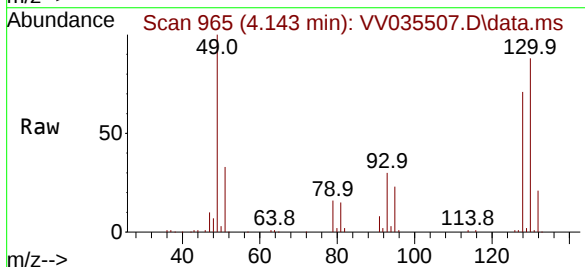
Instrument :
MSVOA_V
ClientSampleId :
E0813MS

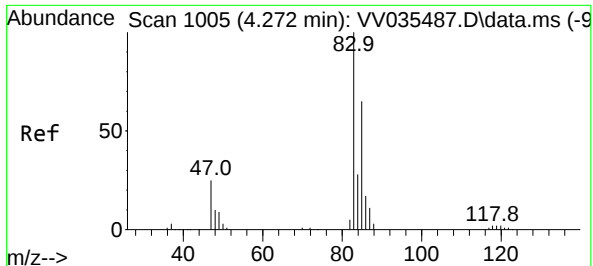
Tgt Ion: 43 Resp: 254114
Ion Ratio Lower Upper
43 100
72 28.9 14.4 43.0



#23
Bromochloromethane
Concen: 50.512 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

Tgt Ion:128 Resp: 99461
Ion Ratio Lower Upper
128 100
49 140.4 102.0 189.4
130 123.8 91.5 169.9
51 46.0 37.3 55.9





#25

Chloroform

Concen: 51.097 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

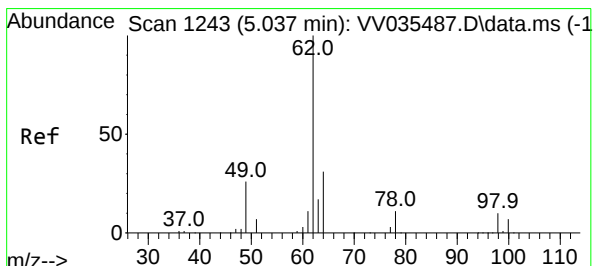
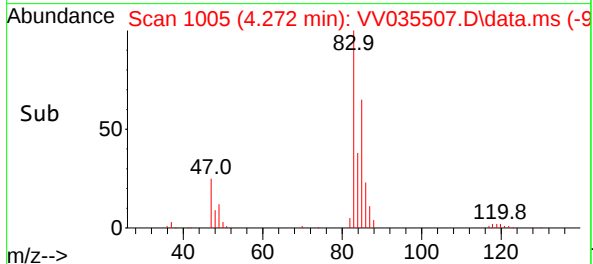
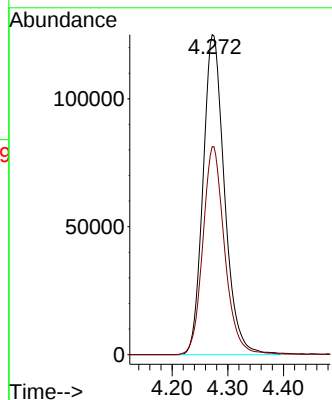
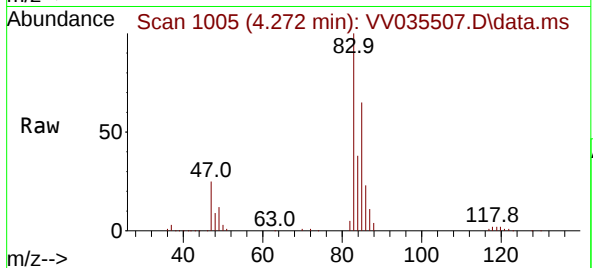
E0813MS

Tgt Ion: 83 Resp: 335241

Ion Ratio Lower Upper

83 100

85 65.0 45.8 85.2



#27

1,2-Dichloroethane

Concen: 52.119 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV035507.D

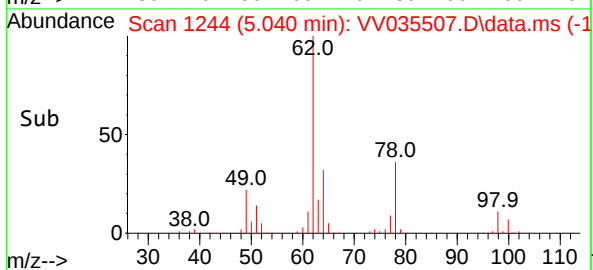
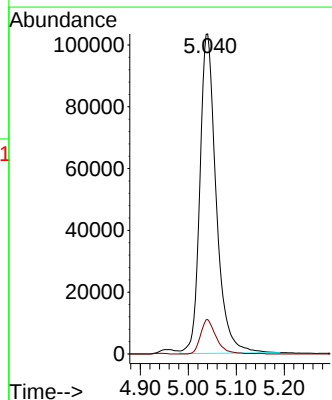
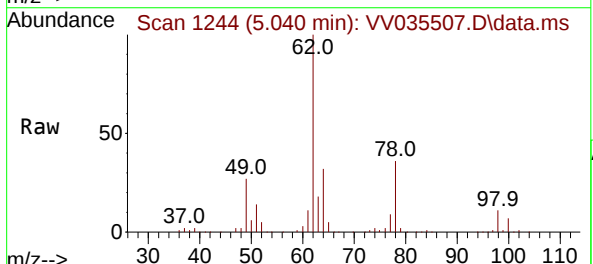
Acq: 01 May 2024 19:24

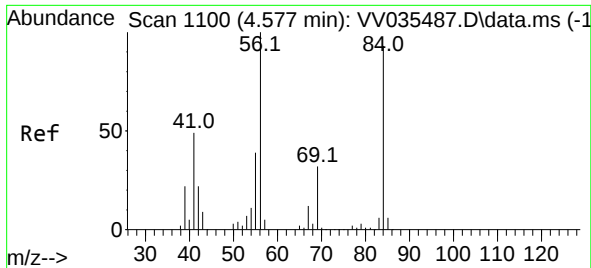
Tgt Ion: 62 Resp: 244720

Ion Ratio Lower Upper

62 100

98 10.8 8.2 12.2

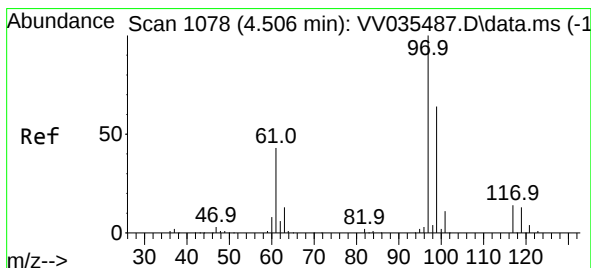
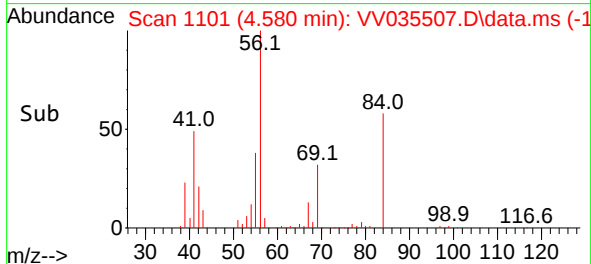
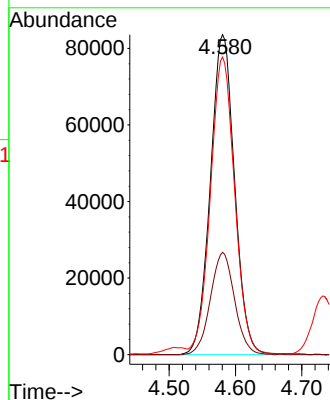
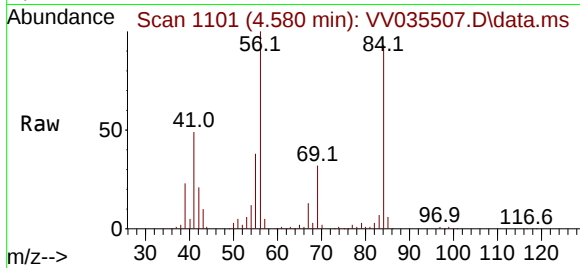




#29
Cyclohexane
Concen: 47.335 ug/L
RT: 4.580 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

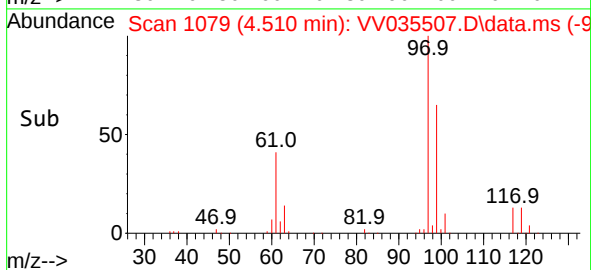
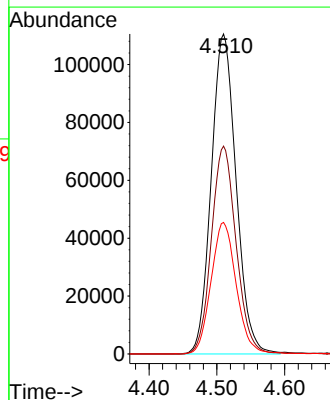
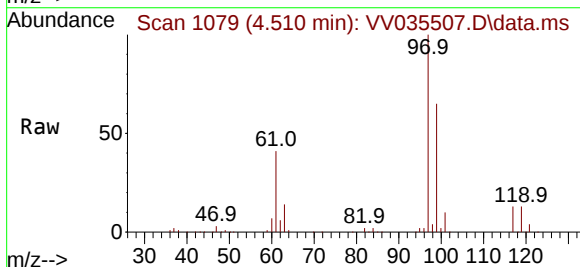
Instrument :
MSVOA_V
ClientSampleId :
E0813MS

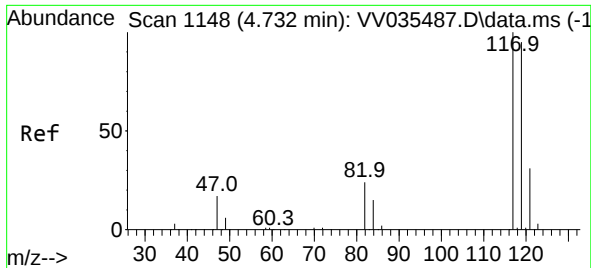
Tgt Ion: 56 Resp: 211896
Ion Ratio Lower Upper
56 100
69 31.9 25.5 38.3
84 92.5 73.6 110.4



#30
1,1,1-Trichloroethane
Concen: 49.149 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.003 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

Tgt Ion: 97 Resp: 282015
Ion Ratio Lower Upper
97 100
99 64.7 51.9 77.9
61 41.7 34.1 51.1

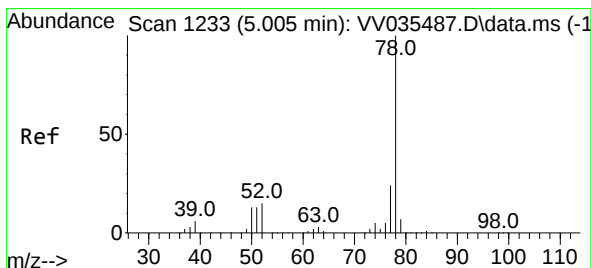
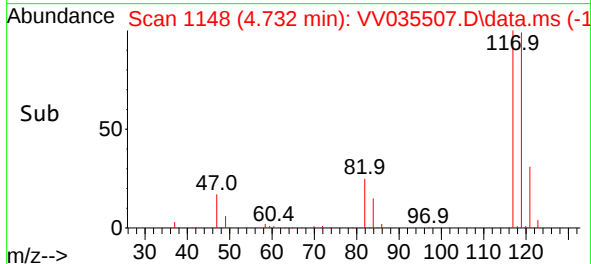
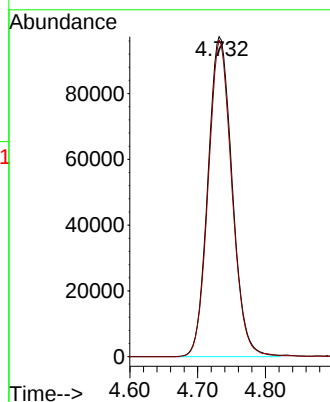
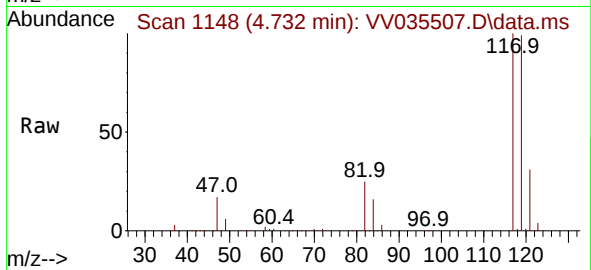




#31
Carbon tetrachloride
Concen: 48.808 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

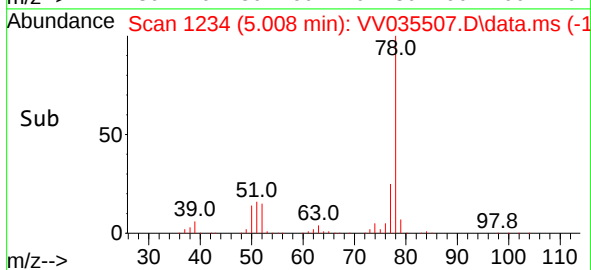
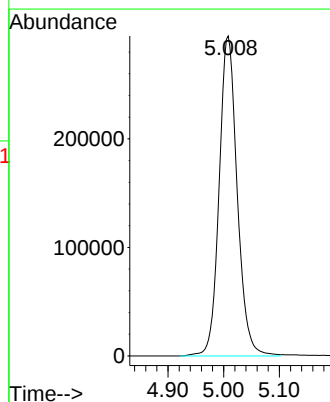
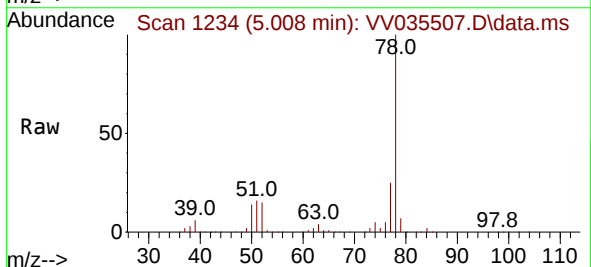
Instrument :
MSVOA_V
ClientSampleId :
E0813MS

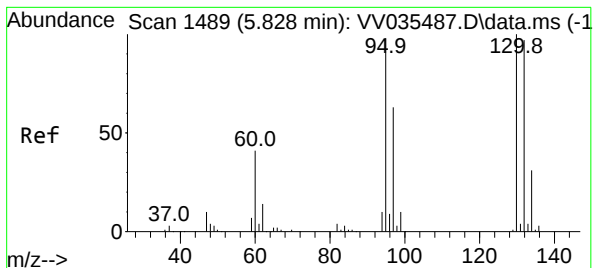
Tgt Ion:117 Resp: 242153
Ion Ratio Lower Upper
117 100
119 96.5 76.5 114.7



#33
Benzene
Concen: 49.101 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

Tgt Ion: 78 Resp: 664788





#34

Trichloroethene

Concen: 47.928 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

E0813MS

Tgt Ion: 95 Resp: 172684

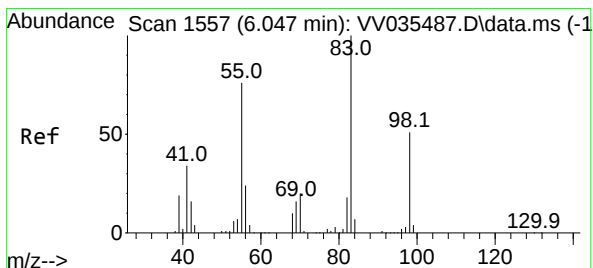
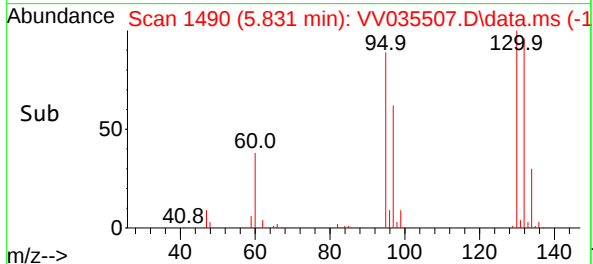
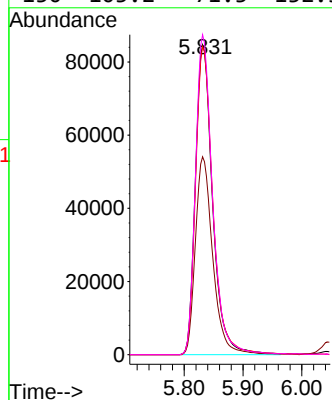
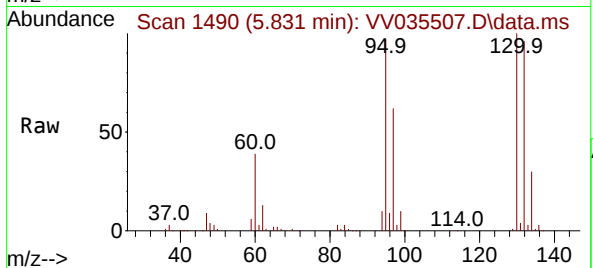
Ion Ratio Lower Upper

95 100

97 63.8 45.1 83.9

132 99.4 69.4 128.8

130 103.2 71.3 132.3



#35

Methylcyclohexane

Concen: 47.415 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

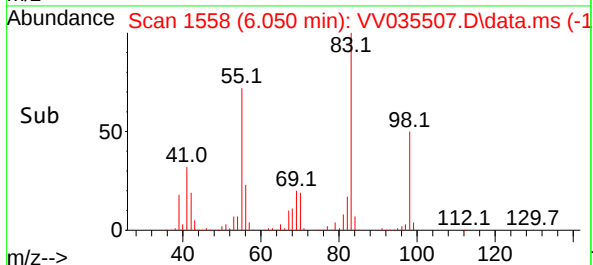
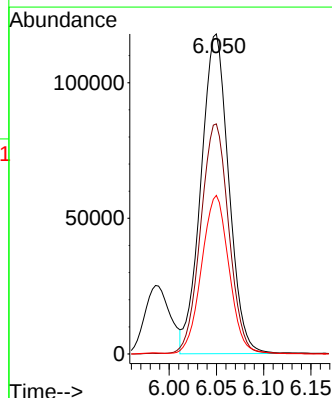
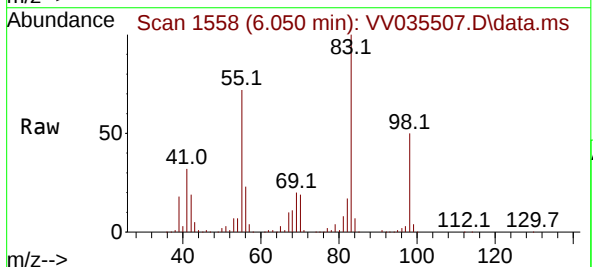
Tgt Ion: 83 Resp: 240999

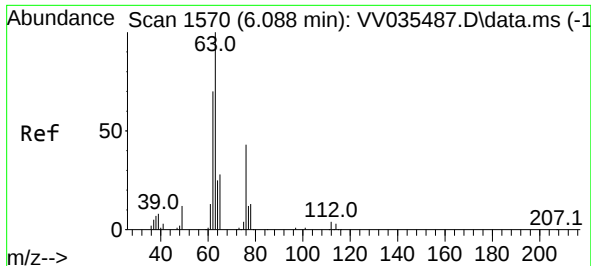
Ion Ratio Lower Upper

83 100

55 72.9 57.5 86.3

98 49.0 38.9 58.3





#37

1,2-Dichloropropane

Concen: 50.660 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

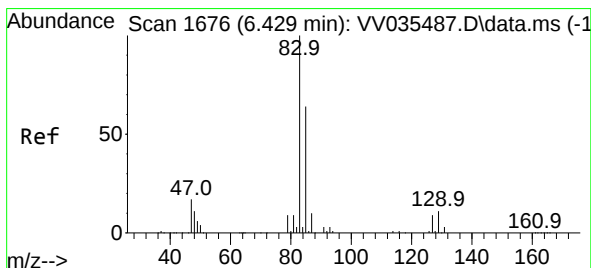
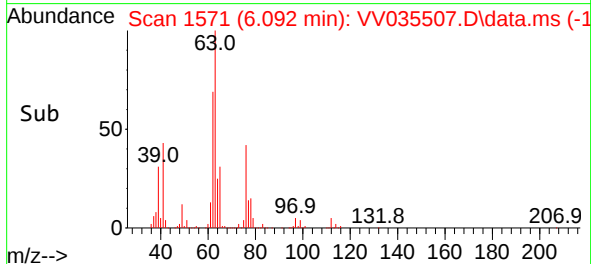
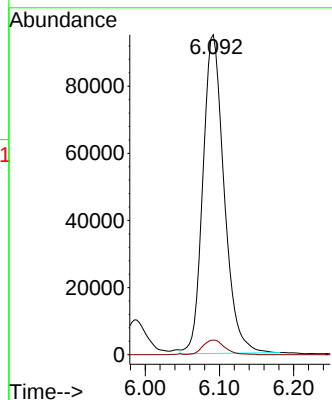
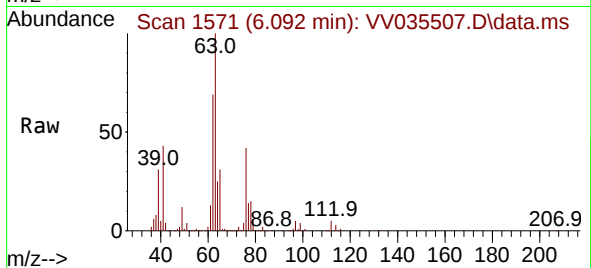
E0813MS

Tgt Ion: 63 Resp: 188450

Ion Ratio Lower Upper

63 100

112 4.7 3.4 5.2



#38

Bromodichloromethane

Concen: 49.324 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

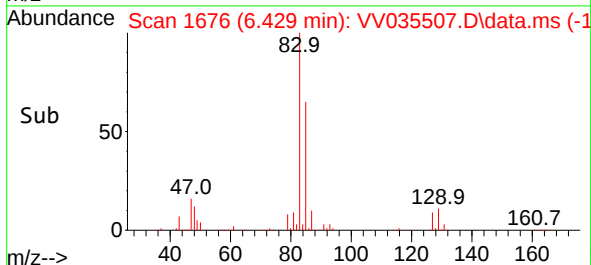
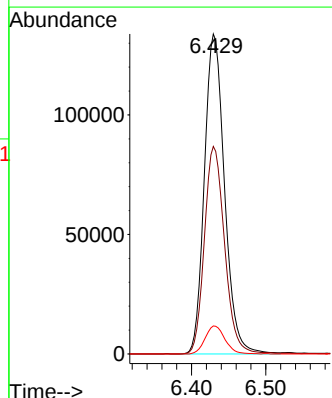
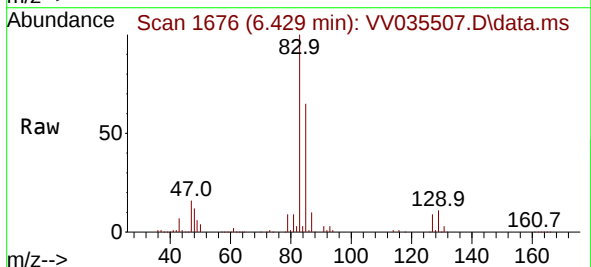
Tgt Ion: 83 Resp: 252427

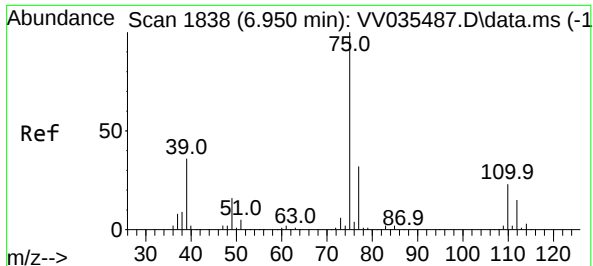
Ion Ratio Lower Upper

83 100

85 64.8 45.1 83.9

127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 48.257 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

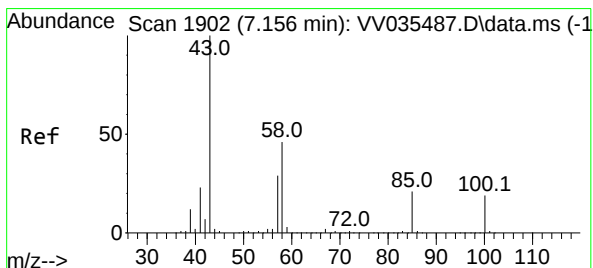
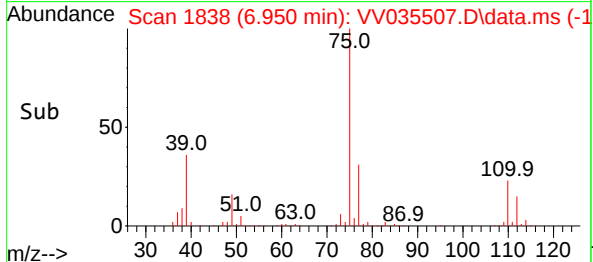
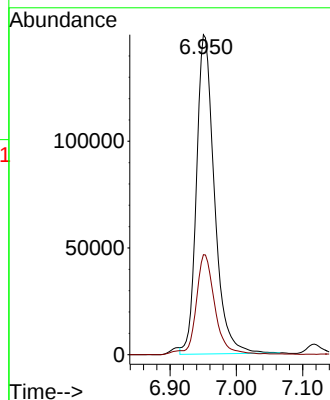
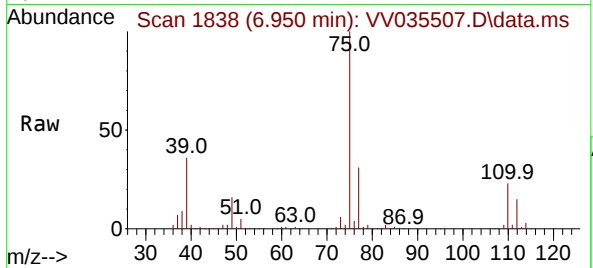
E0813MS

Tgt Ion: 75 Resp: 281796

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 100.512 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

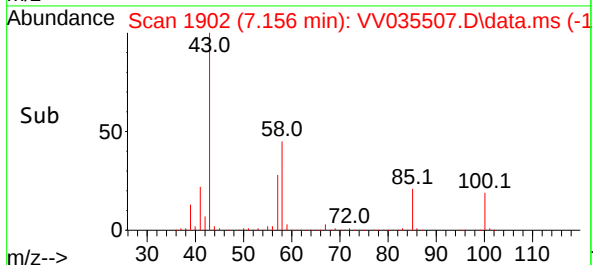
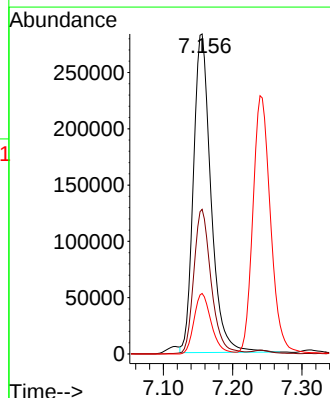
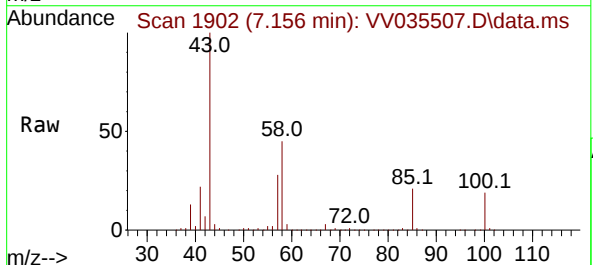
Tgt Ion: 43 Resp: 499093

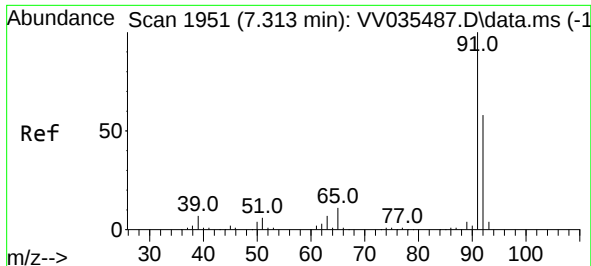
Ion Ratio Lower Upper

43 100

58 45.1 36.1 54.1

100 18.7 15.0 22.4





#42

Toluene

Concen: 50.181 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

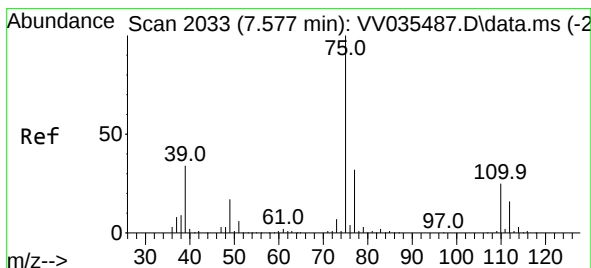
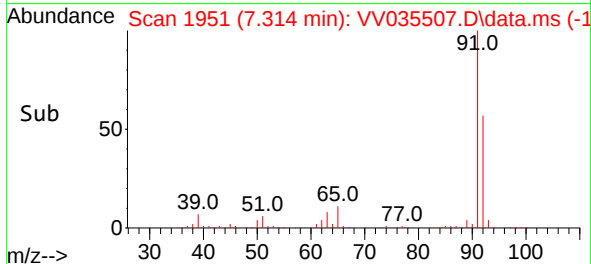
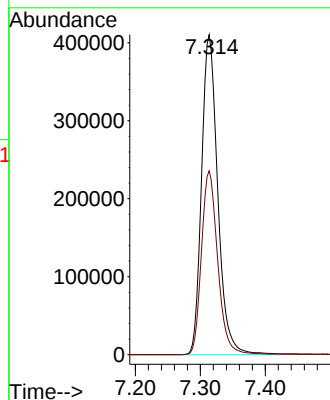
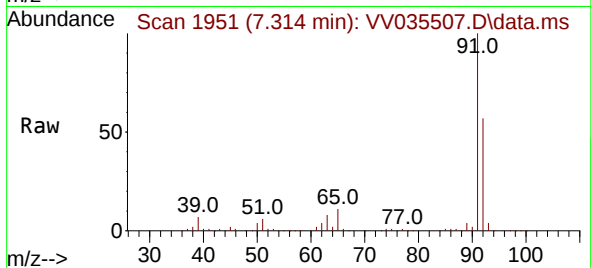
E0813MS

Tgt Ion: 91 Resp: 712775

Ion Ratio Lower Upper

91 100

92 57.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 49.607 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035507.D

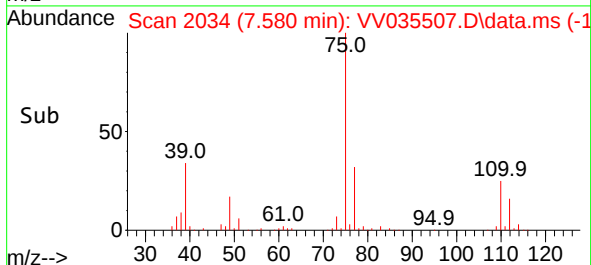
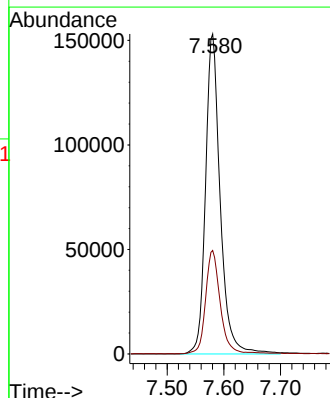
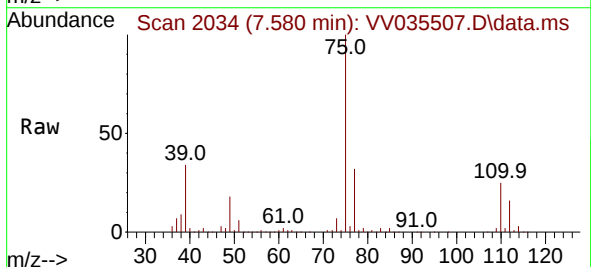
Acq: 01 May 2024 19:24

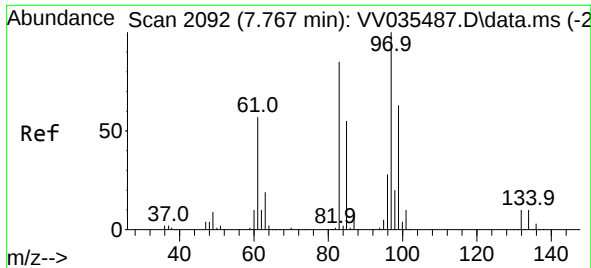
Tgt Ion: 75 Resp: 275158

Ion Ratio Lower Upper

75 100

77 32.4 22.4 41.6

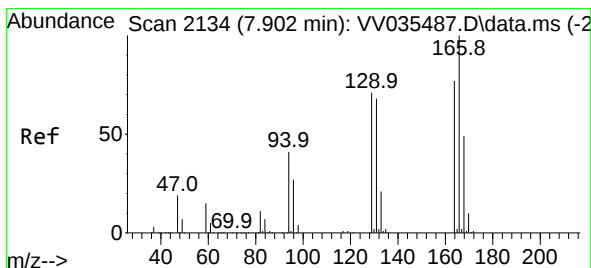
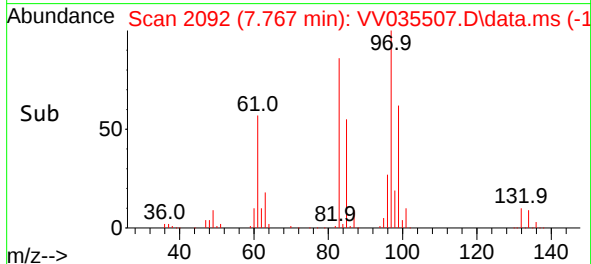
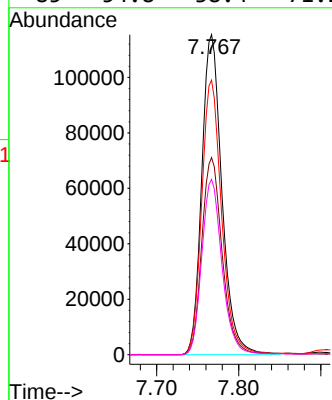
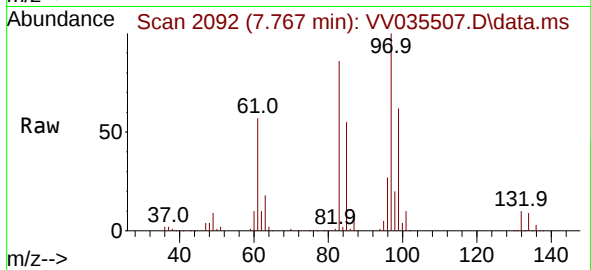




#45
1,1,2-Trichloroethane
Concen: 49.594 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

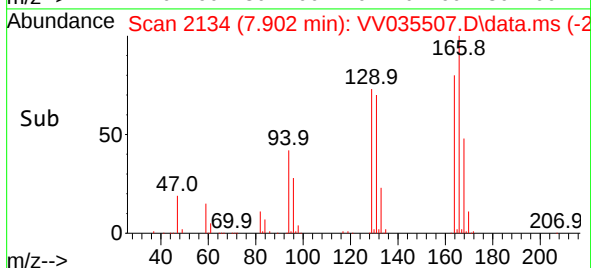
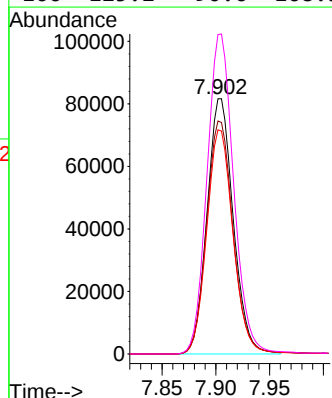
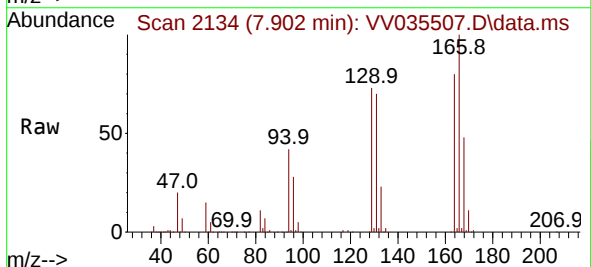
Instrument :
MSVOA_V
ClientSampleId :
E0813MS

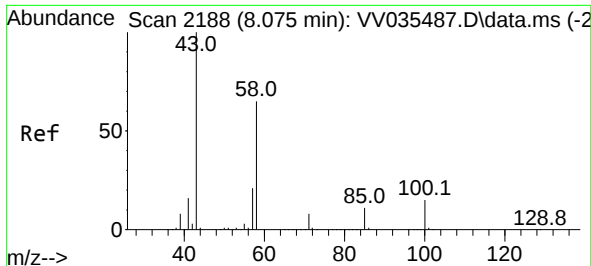
Tgt Ion:	97	Resp:	197306
Ion	Ratio	Lower	Upper
97	100		
99	61.6	44.2	82.2
83	85.8	59.3	110.1
85	54.8	38.4	71.2



#46
Tetrachloroethene
Concen: 47.465 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

Tgt Ion:	164	Resp:	138125
Ion	Ratio	Lower	Upper
164	100		
129	91.3	64.7	120.1
131	87.9	61.5	114.1
166	125.2	90.6	168.3

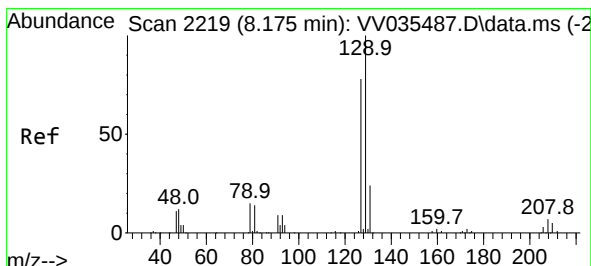
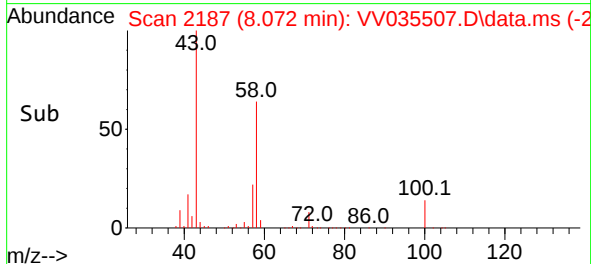
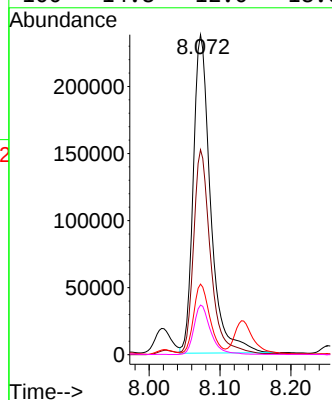
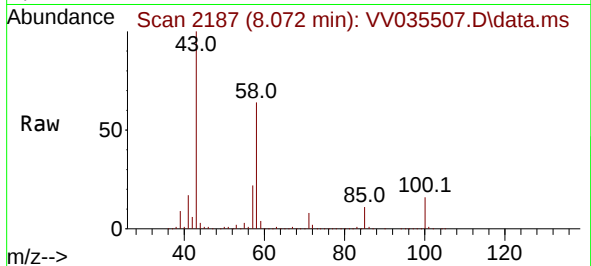




#48
2-Hexanone
Concen: 100.115 ug/L
RT: 8.072 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

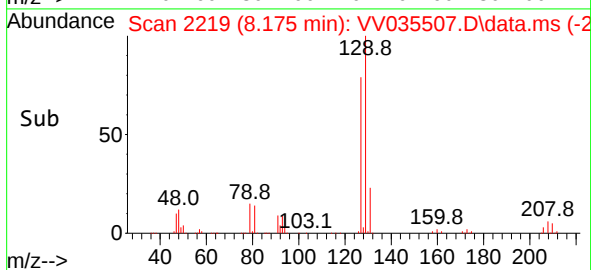
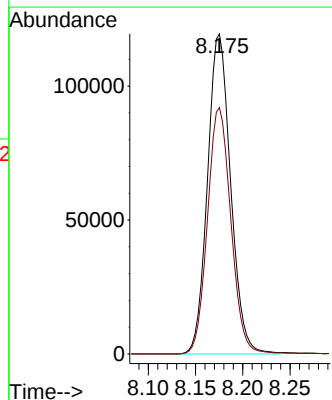
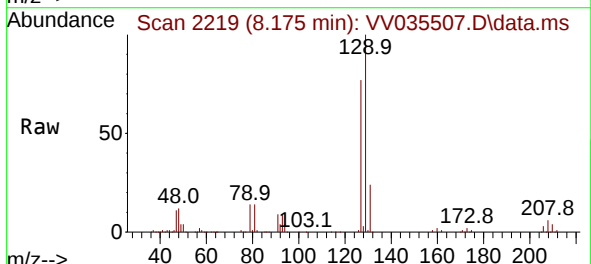
Instrument :
MSVOA_V
ClientSampleId :
E0813MS

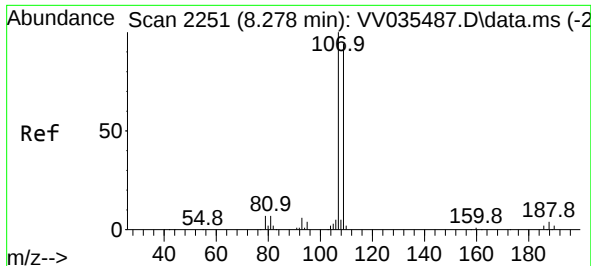
Tgt Ion: 43 Resp: 404483
Ion Ratio Lower Upper
43 100
58 62.6 50.8 76.2
57 20.8 17.6 26.4
100 14.8 12.0 18.0



#49
Dibromochloromethane
Concen: 48.883 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

Tgt Ion: 129 Resp: 203572
Ion Ratio Lower Upper
129 100
127 77.0 54.3 100.8





#50

1,2-Dibromoethane

Concen: 49.853 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

E0813MS

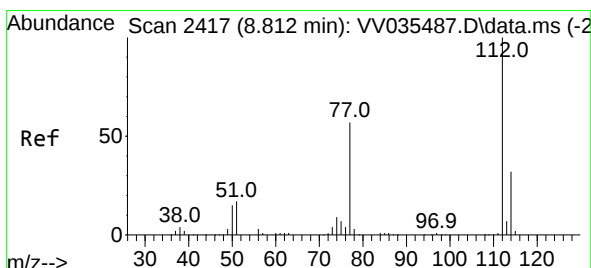
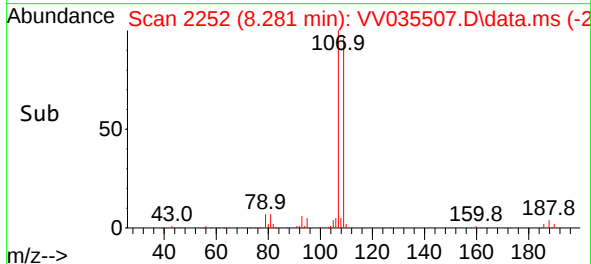
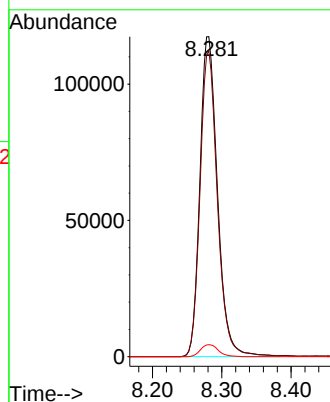
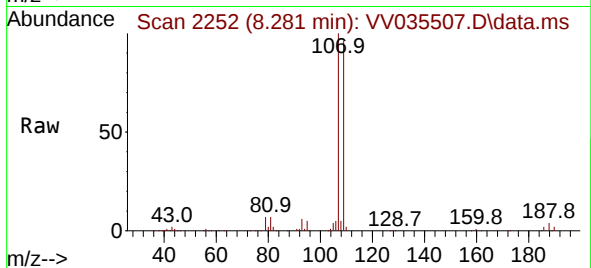
Tgt Ion:107 Resp: 207214

Ion Ratio Lower Upper

107 100

109 95.5 65.7 122.1

188 3.8 3.1 4.7



#51

Chlorobenzene

Concen: 48.684 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

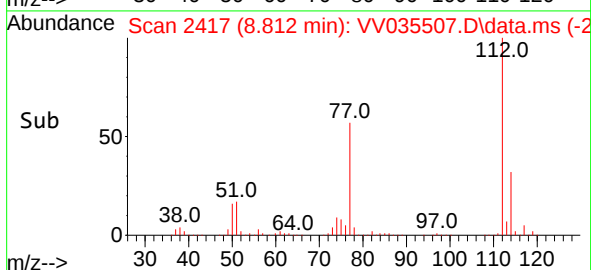
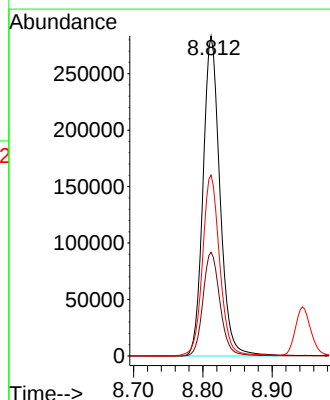
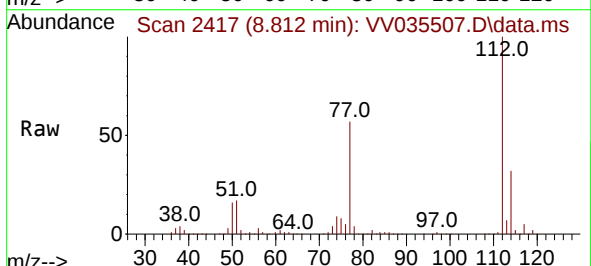
Tgt Ion:112 Resp: 480038

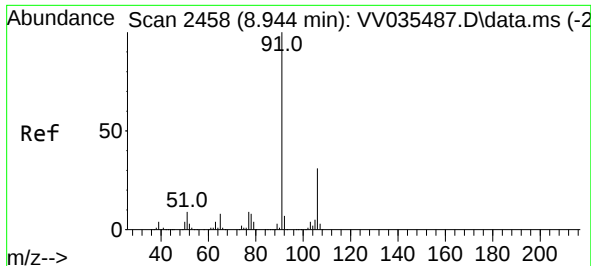
Ion Ratio Lower Upper

112 100

114 32.4 22.4 41.6

77 56.6 45.9 68.9

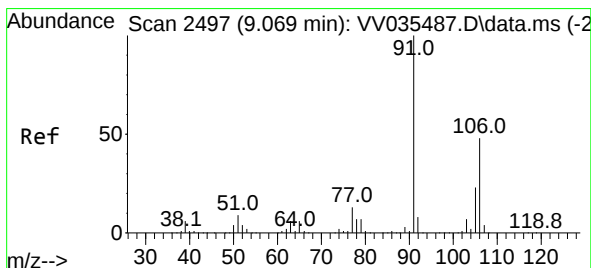
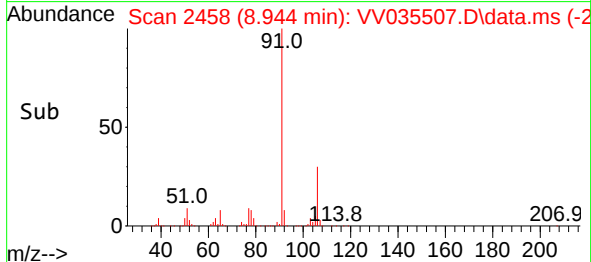
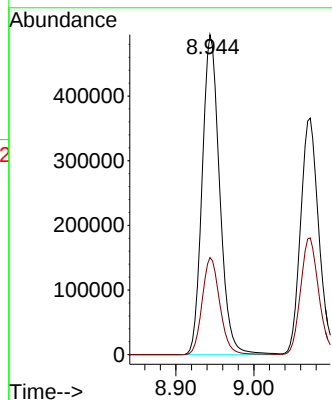
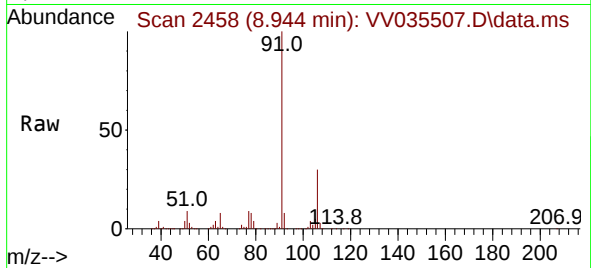




#52
Ethylbenzene
Concen: 50.271 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

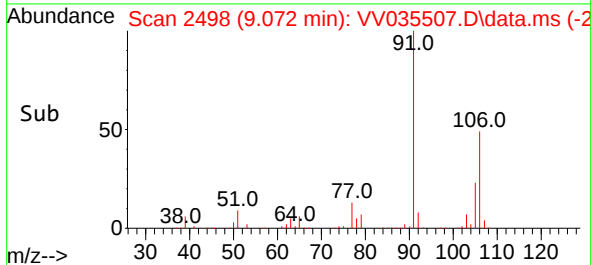
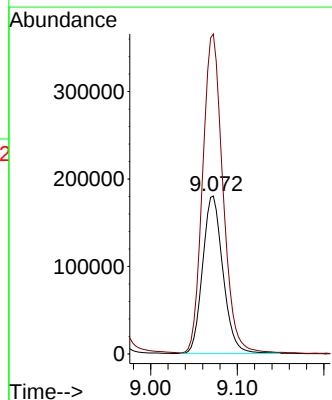
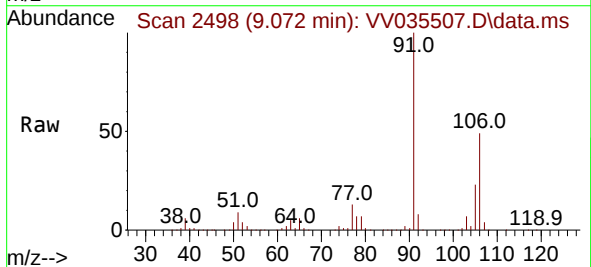
Instrument :
MSVOA_V
ClientSampleId :
E0813MS

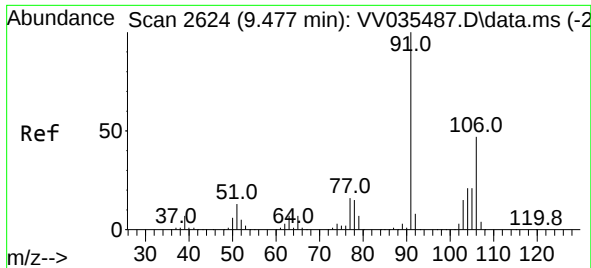
Tgt Ion: 91 Resp: 771409
Ion Ratio Lower Upper
91 100
106 30.4 21.6 40.0



#53
m,p-Xylene
Concen: 51.649 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

Tgt Ion: 106 Resp: 294018
Ion Ratio Lower Upper
106 100
91 202.6 144.8 268.8

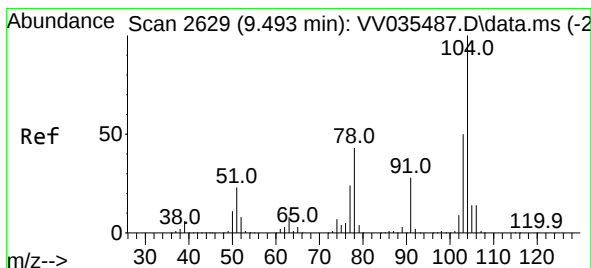
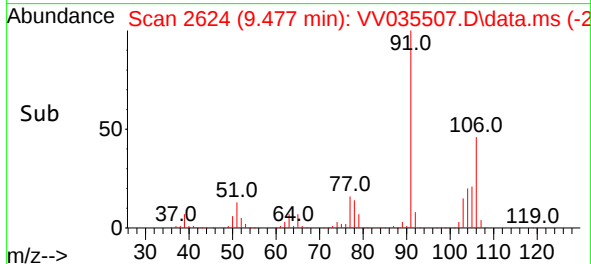
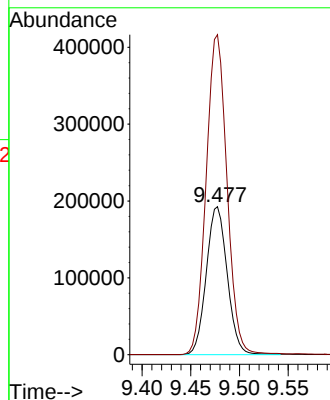
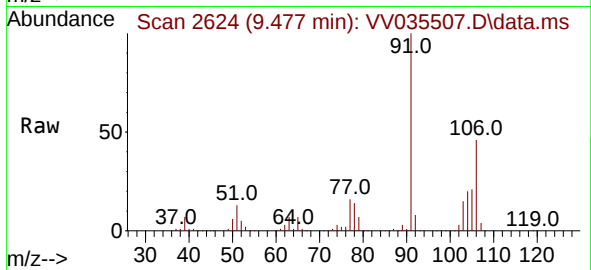




#54
o-Xylene
Concen: 50.270 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

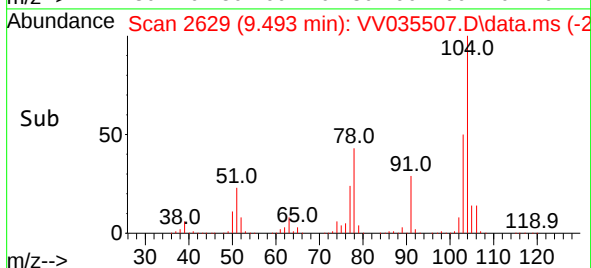
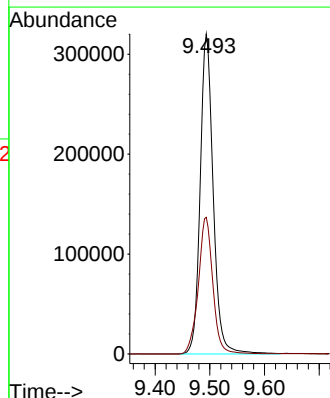
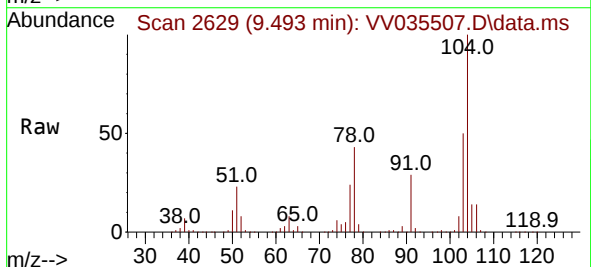
Instrument :
MSVOA_V
ClientSampleId :
E0813MS

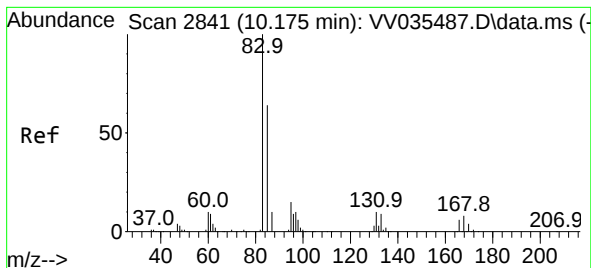
Tgt Ion:106 Resp: 288359
Ion Ratio Lower Upper
106 100
91 216.2 149.9 278.3



#55
Styrene
Concen: 53.383 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

Tgt Ion:104 Resp: 529241
Ion Ratio Lower Upper
104 100
78 42.7 29.9 55.5

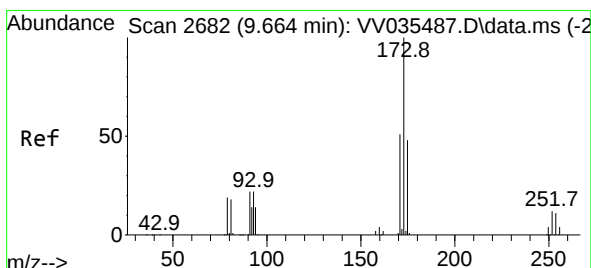
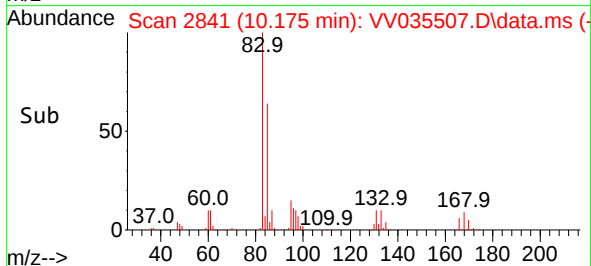
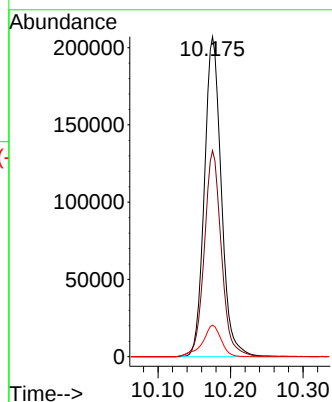
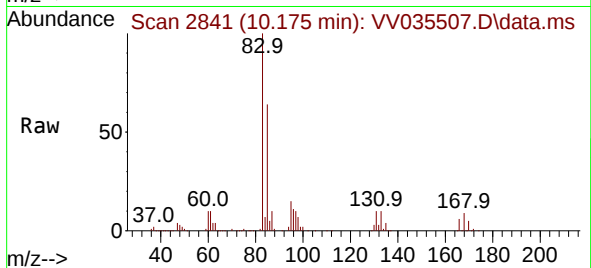




#57
 1,1,2,2-Tetrachloroethane
 Concen: 49.234 ug/L
 RT: 10.175 min Scan# 2841
 Delta R.T. 0.000 min
 Lab File: VV035507.D
 Acq: 01 May 2024 19:24

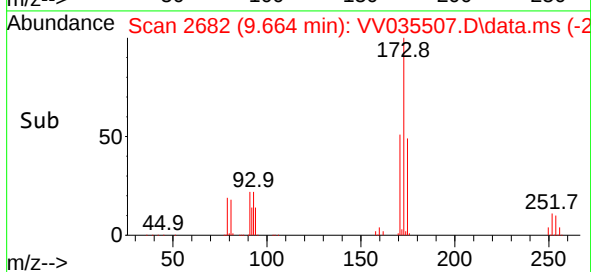
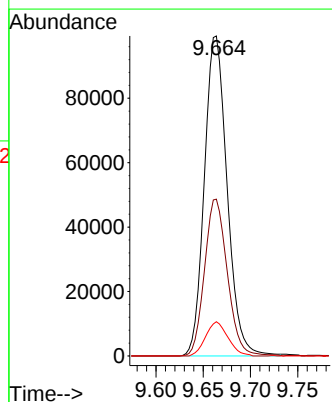
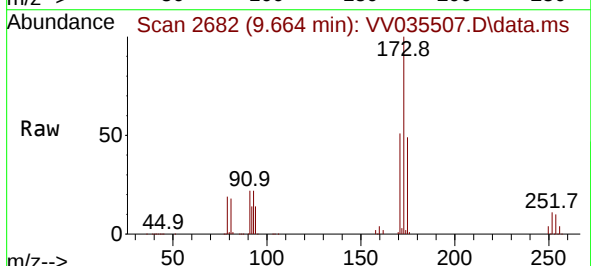
Instrument :
 MSVOA_V
 ClientSampleId :
 E0813MS

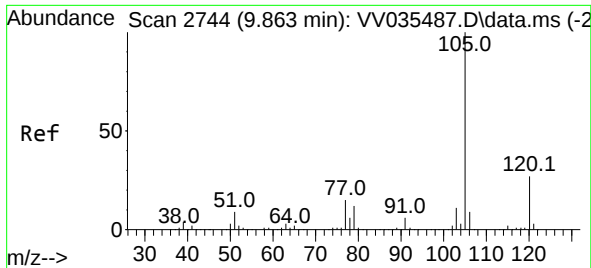
Tgt Ion: 83 Resp: 335140
 Ion Ratio Lower Upper
 83 100
 85 64.4 44.9 83.5
 131 9.9 8.1 12.1



#59
 Bromoform
 Concen: 48.052 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. 0.000 min
 Lab File: VV035507.D
 Acq: 01 May 2024 19:24

Tgt Ion: 173 Resp: 166598
 Ion Ratio Lower Upper
 173 100
 175 49.0 39.0 58.6
 254 10.5 8.5 12.7

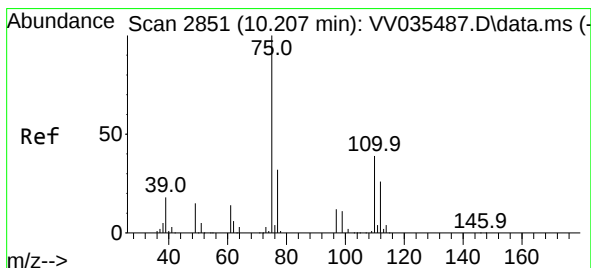
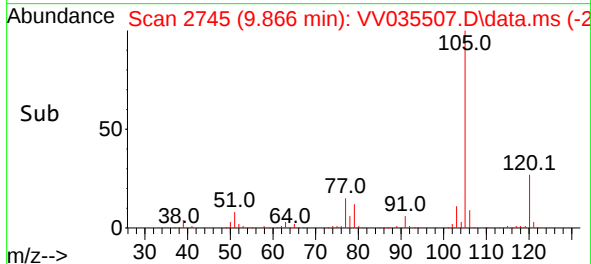
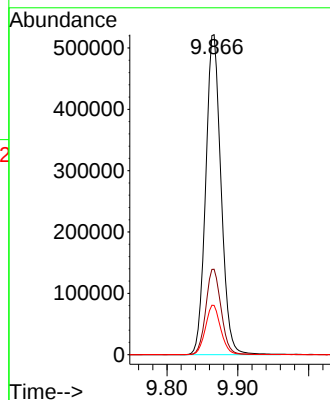
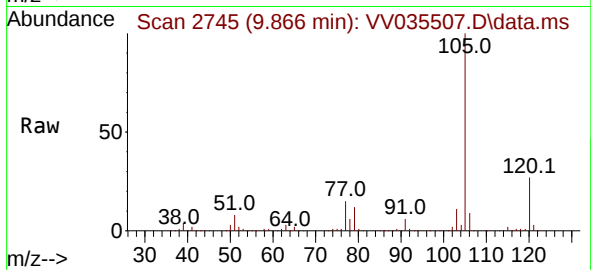




#60
Isopropylbenzene
Concen: 50.590 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

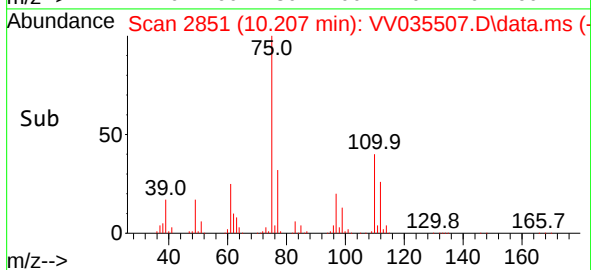
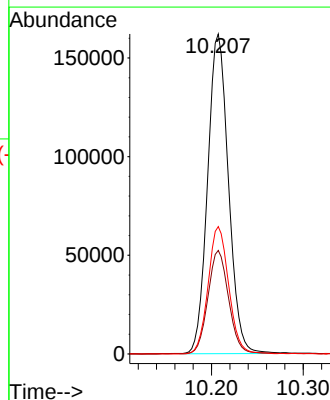
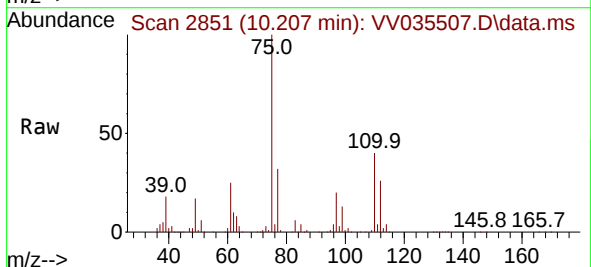
Instrument :
MSVOA_V
ClientSampleId :
E0813MS

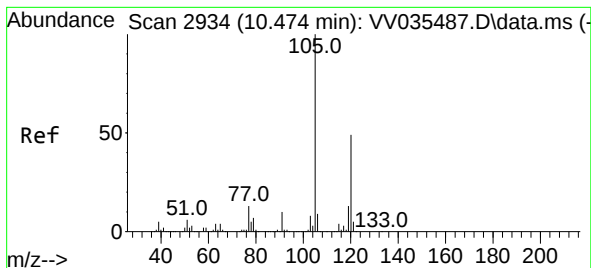
Tgt Ion:105 Resp: 783086
Ion Ratio Lower Upper
105 100
120 26.7 21.5 32.3
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 47.570 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035507.D
Acq: 01 May 2024 19:24

Tgt Ion: 75 Resp: 255810
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
110 39.4 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 50.643 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

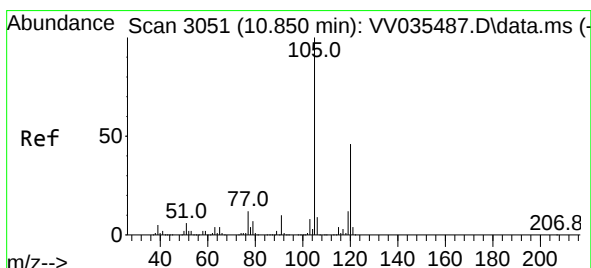
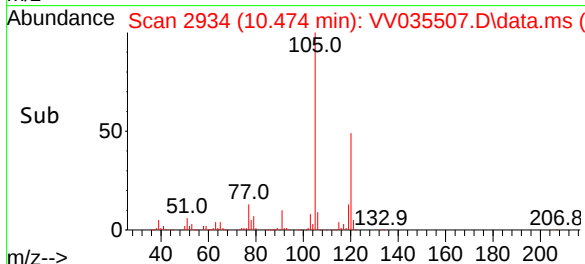
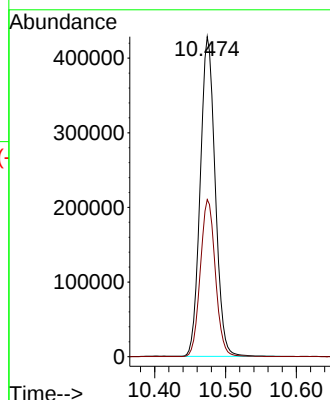
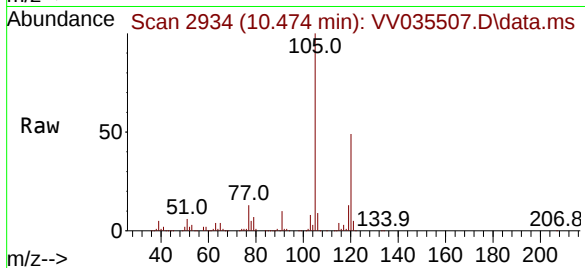
E0813MS

Tgt Ion:105 Resp: 627383

Ion Ratio Lower Upper

105 100

120 49.4 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 51.361 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035507.D

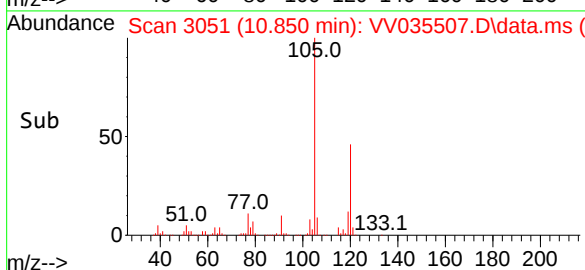
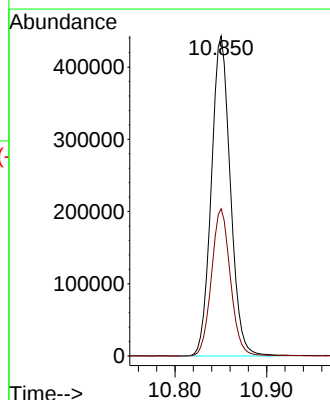
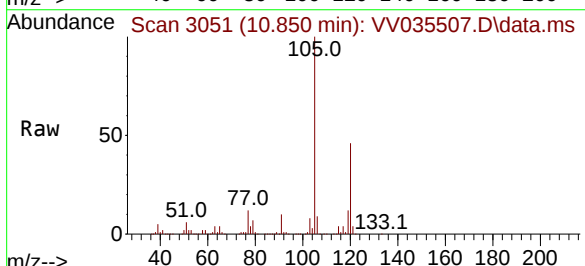
Acq: 01 May 2024 19:24

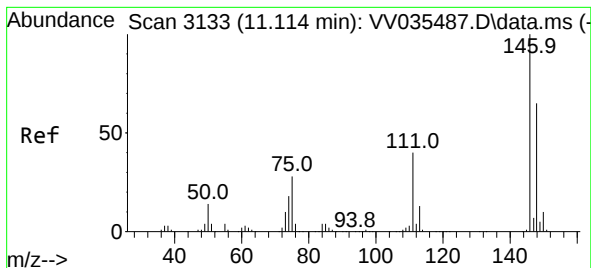
Tgt Ion:105 Resp: 638027

Ion Ratio Lower Upper

105 100

120 45.9 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 48.719 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

E0813MS

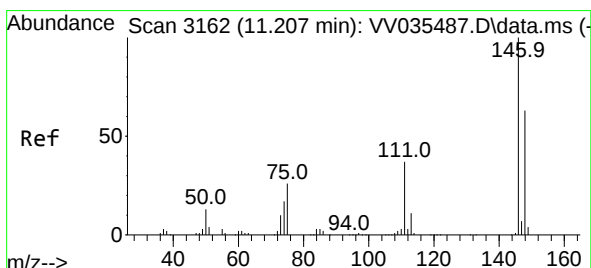
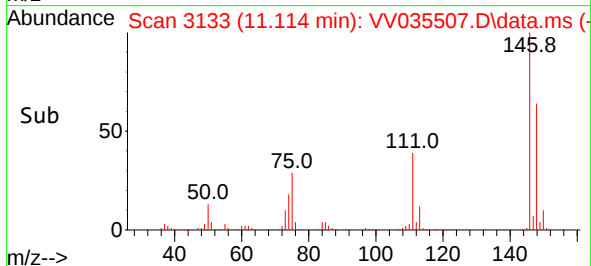
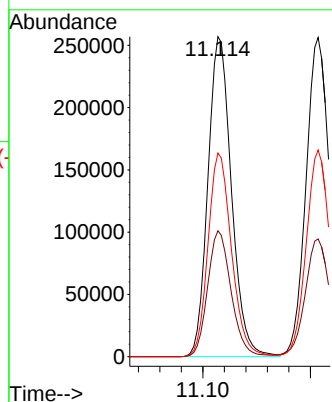
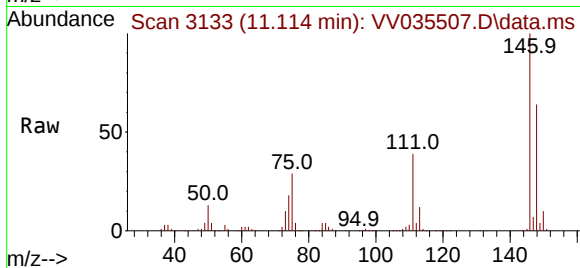
Tgt Ion:146 Resp: 390503

Ion Ratio Lower Upper

146 100

111 39.4 27.9 51.7

148 63.7 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 47.207 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

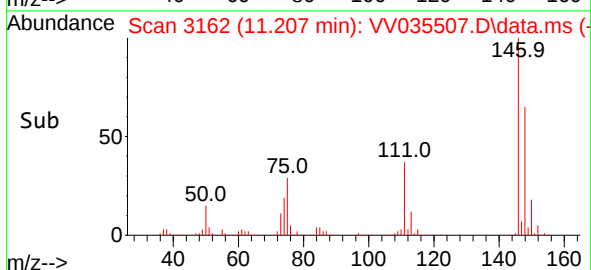
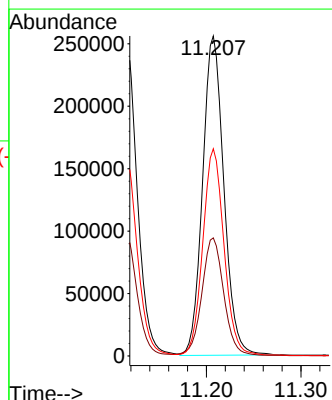
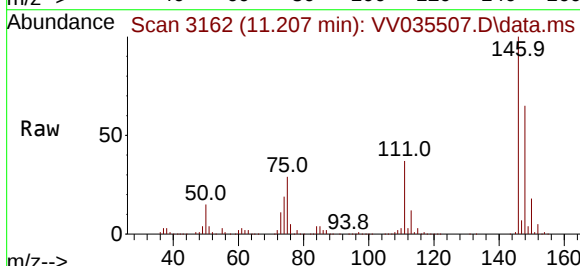
Tgt Ion:146 Resp: 399261

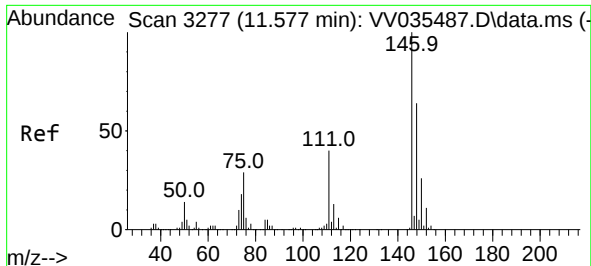
Ion Ratio Lower Upper

146 100

111 36.9 26.4 49.0

148 64.7 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 48.333 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

E0813MS

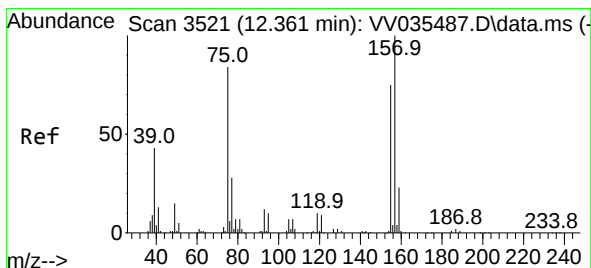
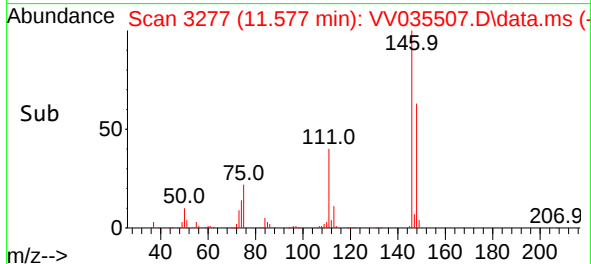
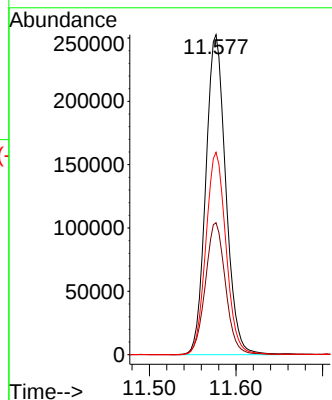
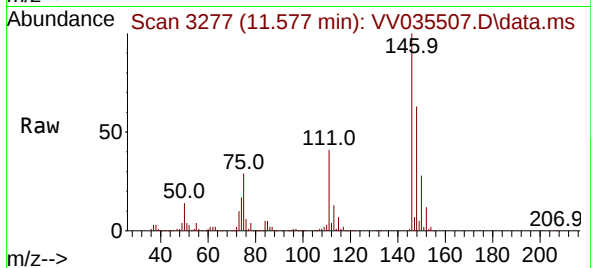
Tgt Ion:146 Resp: 405318

Ion Ratio Lower Upper

146 100

111 41.3 32.1 48.1

148 63.2 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 47.945 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

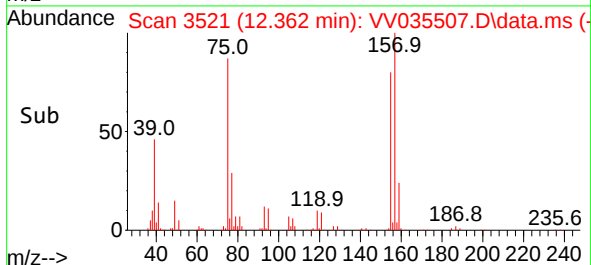
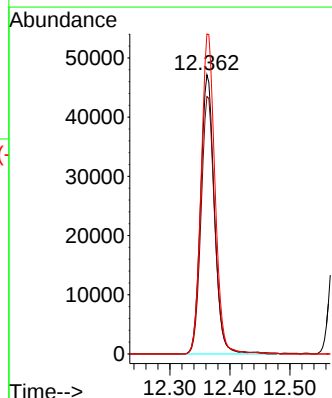
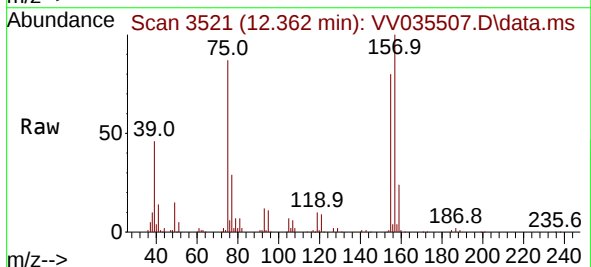
Tgt Ion: 75 Resp: 75931

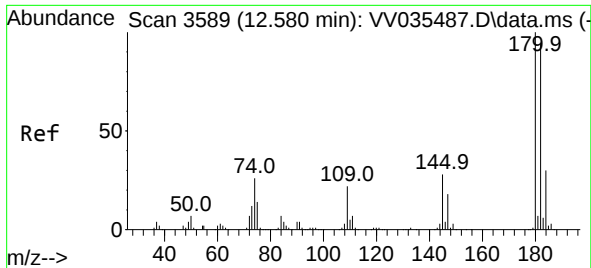
Ion Ratio Lower Upper

75 100

155 92.2 71.4 107.2

157 114.6 95.0 142.4

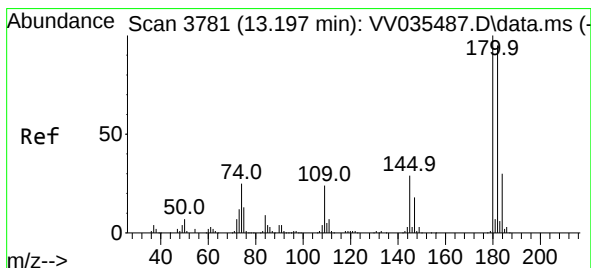
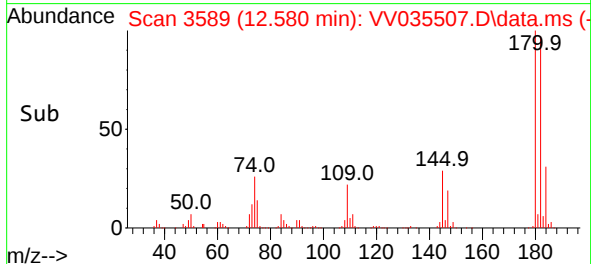
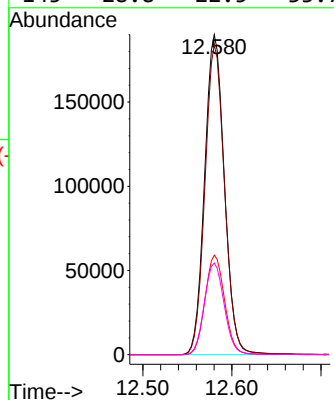
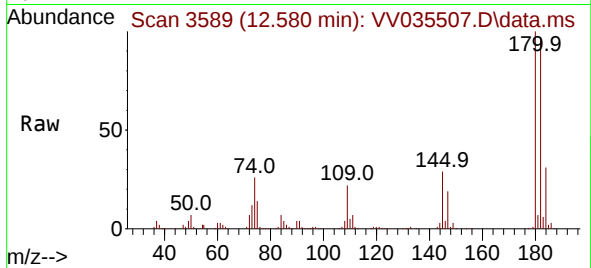




#69
 1,3,5-Trichlorobenzene
 Concen: 48.086 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. 0.000 min
 Lab File: VV035507.D
 Acq: 01 May 2024 19:24

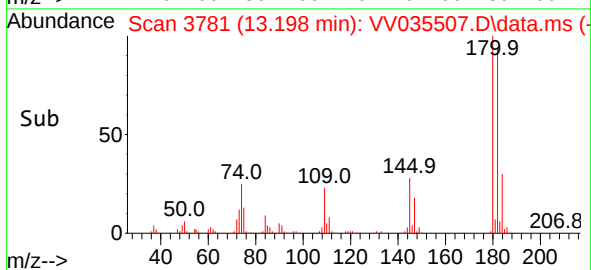
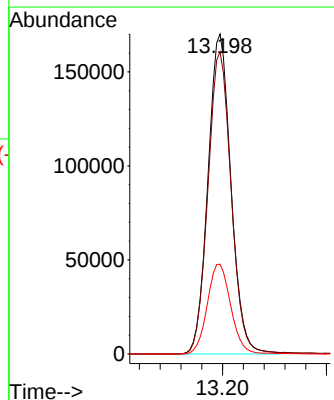
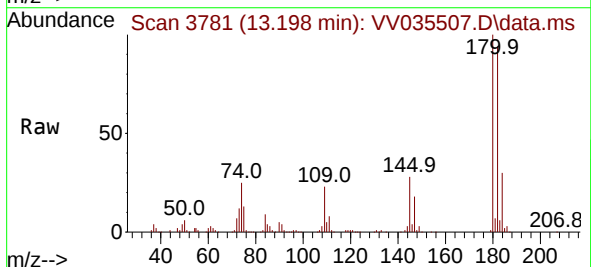
Instrument :
 MSVOA_V
 ClientSampleId :
 E0813MS

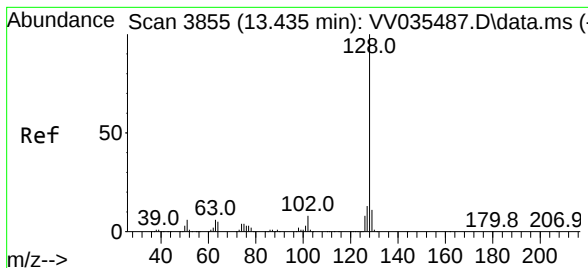
Tgt Ion:	180	Resp:	292555
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.7	113.5
184	30.8	24.1	36.1
145	28.8	22.5	33.7



#70
 1,2,4-trichlorobenzene
 Concen: 48.756 ug/L
 RT: 13.198 min Scan# 3781
 Delta R.T. 0.000 min
 Lab File: VV035507.D
 Acq: 01 May 2024 19:24

Tgt Ion:	180	Resp:	261311
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.7	113.5
145	28.7	23.0	34.4





#71

Naphthalene

Concen: 49.739 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

E0813MS

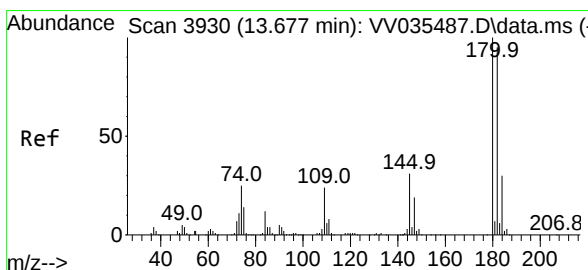
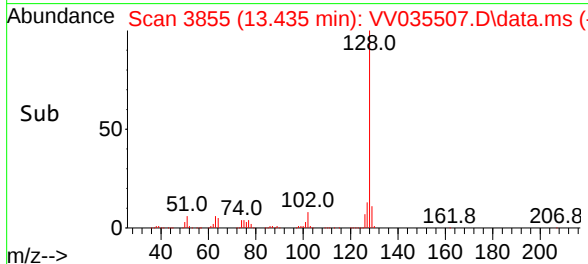
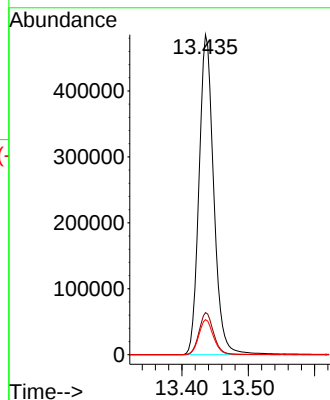
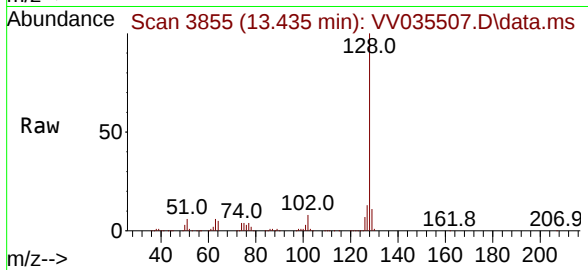
Tgt Ion:128 Resp: 747155

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.703 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035507.D

Acq: 01 May 2024 19:24

Tgt Ion:180 Resp: 282072

Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.2

145 30.8 24.9 37.3

