

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040424\
 Data File : VV034987.D
 Acq On : 04 Apr 2024 18:45
 Operator : SY/MD
 Sample : P1893-03MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 21:39:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 21:33:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	390533	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	386560	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	197030	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	141694	37.569	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.140%
7) Chloroethane-d5	1.529	69	136865	41.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.560%
11) 1,1-Dichloroethene-d2	2.056	65	65999	39.920	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.840%
21) 2-Butanone-d5	3.793	46	218942	97.880	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.880%
24) Chloroform-d	4.246	84	291955	46.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
26) 1,2-Dichloroethane-d4	4.941	65	179741	44.645	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.280%
32) Benzene-d6	4.957	84	551575	42.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.960%
36) 1,2-Dichloropropane-d6	5.986	67	180679	43.819	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.640%
41) Toluene-d8	7.239	98	496865	42.489	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.980%
43) trans-1,3-Dichloroprop...	7.551	79	84341	42.075	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.160%
47) 2-Hexanone-d5	8.024	63	140407	90.065	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.070%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	268234	47.240	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.480%
66) 1,2-Dichlorobenzene-d4	11.558	152	192177	43.442	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	133641	47.215	ug/L	100
3) Chloromethane	1.214	50	169143	46.483	ug/L	100
5) Vinyl chloride	1.282	62	180767	47.387	ug/L	98
6) Bromomethane	1.487	94	127688	44.654	ug/L	99
8) Chloroethane	1.545	64	132876	51.002	ug/L	98
9) Trichlorofluoromethane	1.709	101	249928	49.918	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	154322	50.357	ug/L	99
12) 1,1-Dichloroethene	2.066	96	142035	48.460	ug/L	94
13) Acetone	2.124	43	185596	90.376	ug/L	99
14) Carbon disulfide	2.240	76	364120	44.115	ug/L	99
15) Methyl Acetate	2.375	43	197785	61.117	ug/L	100
16) Methylene chloride	2.445	84	175930	55.397	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	145921	51.495	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	552931	55.553	ug/L	98
19) 1,1-Dichloroethane	3.108	63	327207	56.308	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	173993	54.072	ug/L	98
22) 2-Butanone	3.873	43	253106	106.214	ug/L	98
23) Bromochloromethane	4.146	128	89297	55.466	ug/L	97
25) Chloroform	4.272	83	325089	56.584	ug/L	100

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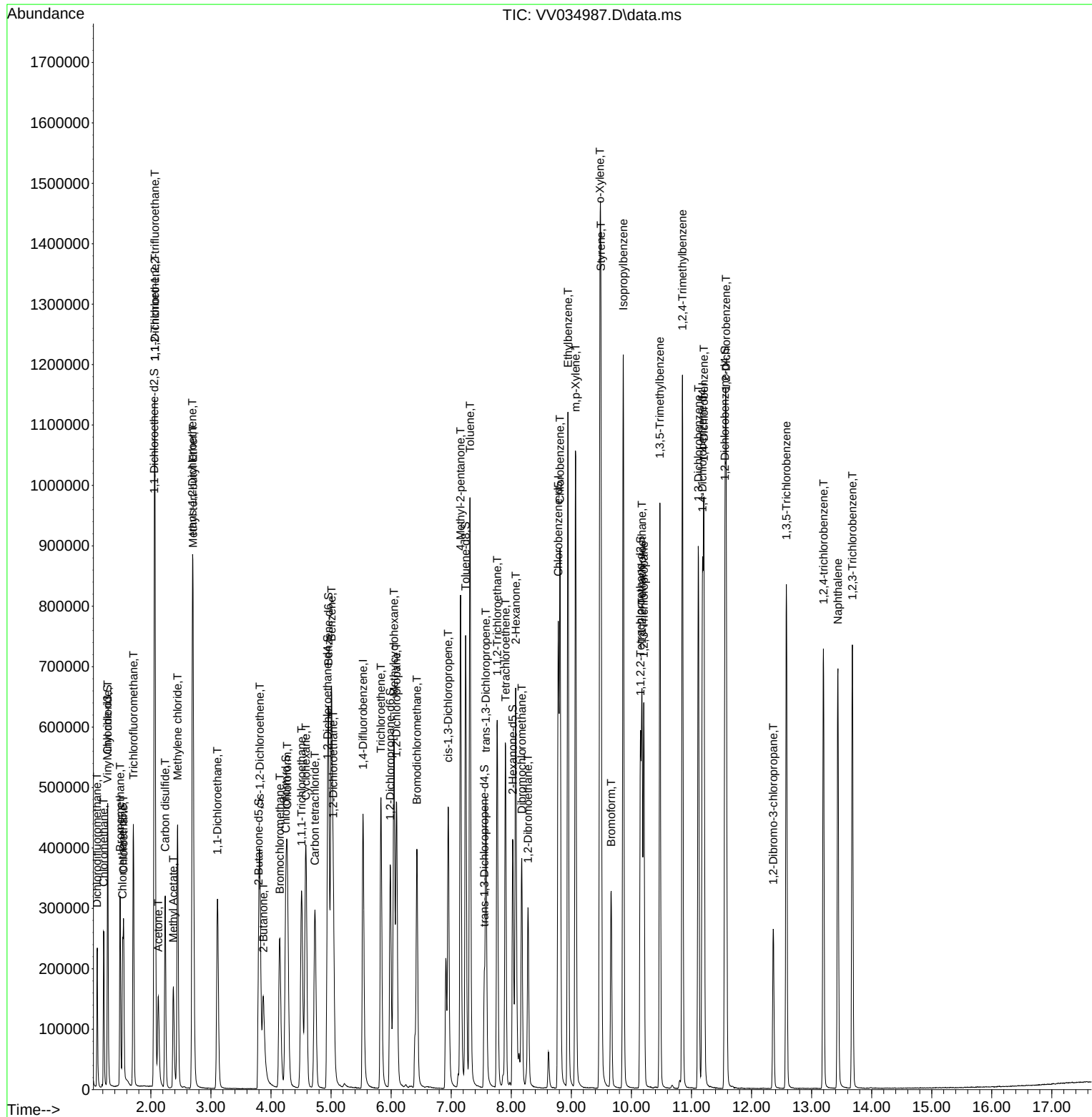
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	260228	56.889	ug/L	100
29) Cyclohexane	4.580	56	227927	47.077	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	267754	53.138	ug/L	99
31) Carbon tetrachloride	4.732	117	224328	52.526	ug/L	98
33) Benzene	5.008	78	663640	52.648	ug/L	100
34) Trichloroethene	5.831	95	173057	50.872	ug/L	98
35) Methylcyclohexane	6.050	83	241489	47.004	ug/L	99
37) 1,2-Dichloropropane	6.088	63	194158	55.737	ug/L	100
38) Bromodichloromethane	6.429	83	247423	55.050	ug/L	96
39) cis-1,3-Dichloropropene	6.950	75	291274	53.079	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	508907	114.423	ug/L	99
42) Toluene	7.313	91	707082	53.580	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	274609	54.469	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	185485	56.493	ug/L	99
46) Tetrachloroethene	7.905	164	125584	52.841	ug/L	96
48) 2-Hexanone	8.075	43	425443	112.471	ug/L	98
49) Dibromochloromethane	8.175	129	183065	56.295	ug/L	99
50) 1,2-Dibromoethane	8.278	107	192816	54.547	ug/L	98
51) Chlorobenzene	8.812	112	456947	53.425	ug/L	100
52) Ethylbenzene	8.944	91	767094	52.448	ug/L	100
53) m,p-Xylene	9.072	106	286416	53.176	ug/L	99
54) o-Xylene	9.477	106	286620	53.782	ug/L	98
55) Styrene	9.493	104	502186	55.762	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	309720	58.221	ug/L	98
59) Bromoform	9.664	173	139631	61.841	ug/L	99
60) Isopropylbenzene	9.866	105	760064	53.510	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	247417	57.950	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	495025	53.662	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	621362	54.479	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	352857	53.158	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	357213	52.918	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	365929	55.339	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	66534	56.564	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	247677	51.772	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	216018	49.157	ug/L	100
71) Naphthalene	13.439	128	537668	44.101	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	222392	51.341	ug/L	99

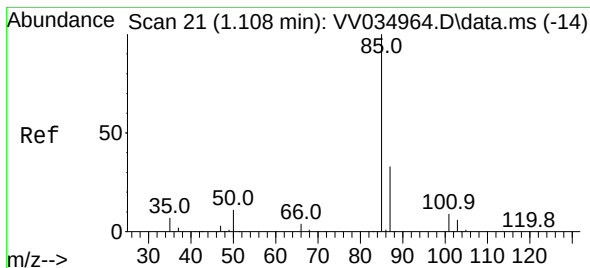
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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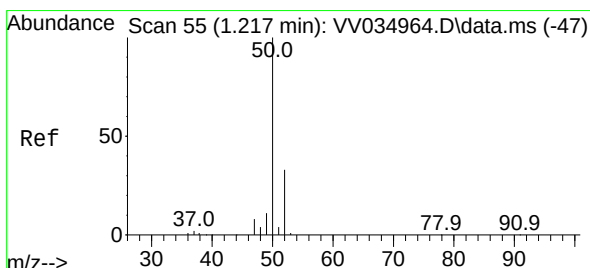
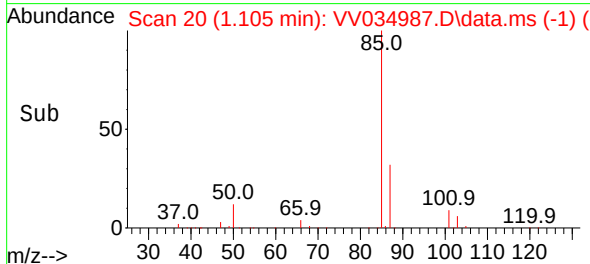
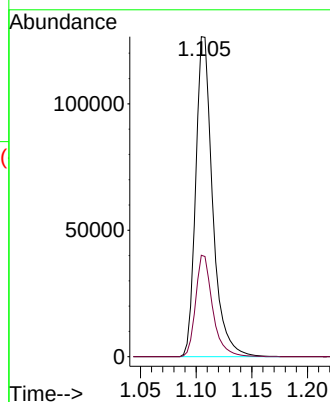
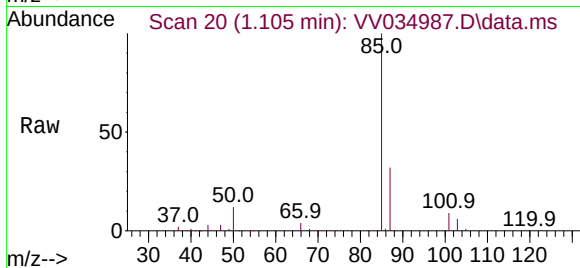




#2
 Dichlorodifluoromethane
 Concen: 47.215 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV034987.D
 Acq: 04 Apr 2024 18:45

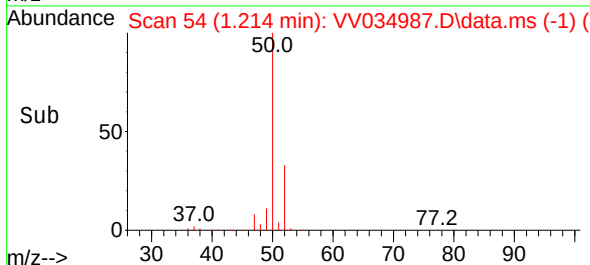
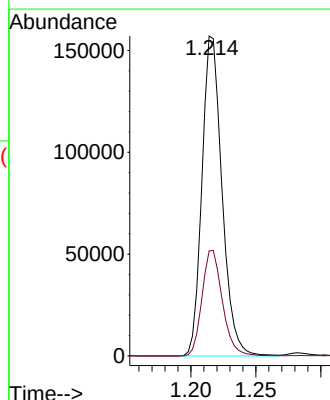
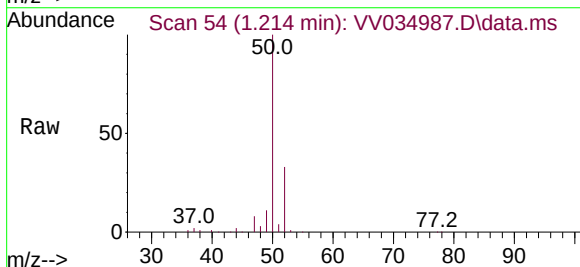
Instrument :
 MSVOA_V
 ClientSampleId :

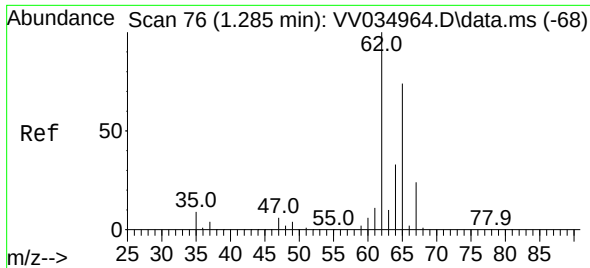
Tgt Ion: 85 Resp: 133641
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.7 38.5



#3
 Chloromethane
 Concen: 46.483 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV034987.D
 Acq: 04 Apr 2024 18:45

Tgt Ion: 50 Resp: 169143
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.8

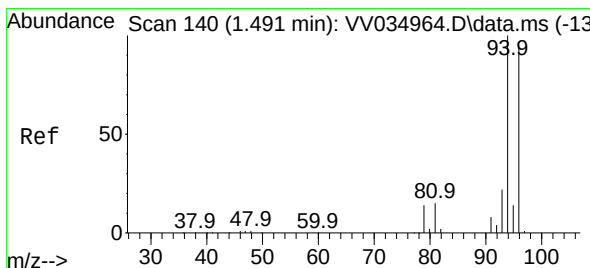
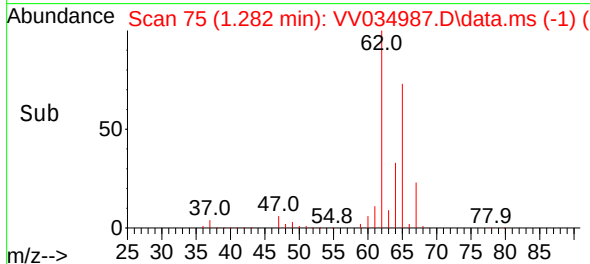
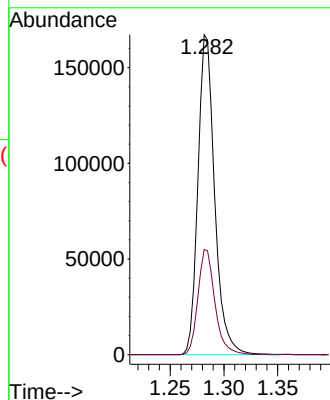
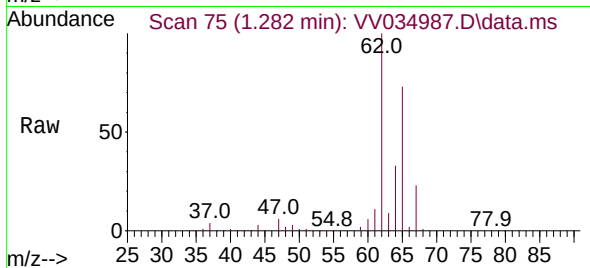




#5
Vinyl chloride
Concen: 47.387 ug/L
RT: 1.282 min Scan# 74
Delta R.T. -0.003 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

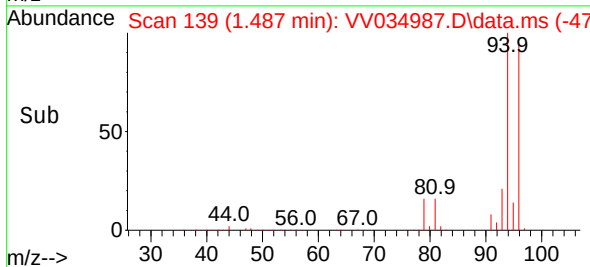
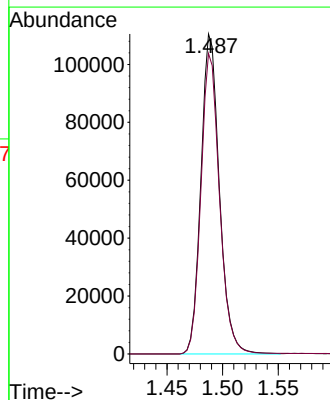
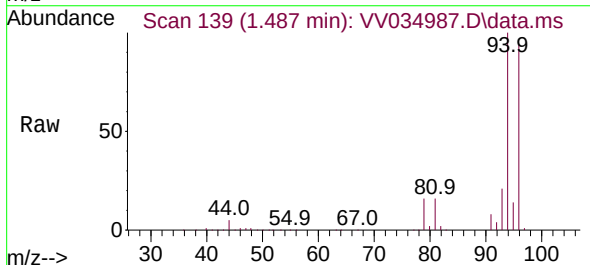
Instrument :
MSVOA_V
ClientSampleId :

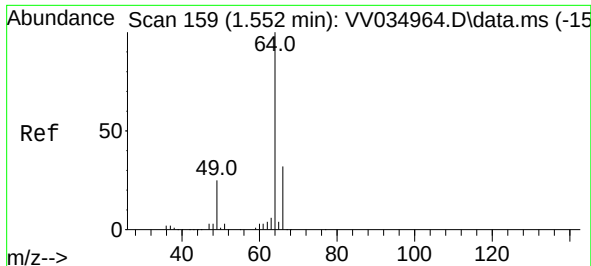
Tgt Ion: 62 Resp: 180767
Ion Ratio Lower Upper
62 100
64 32.8 23.6 43.8



#6
Bromomethane
Concen: 44.654 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

Tgt Ion: 94 Resp: 127688
Ion Ratio Lower Upper
94 100
96 93.9 66.3 123.1

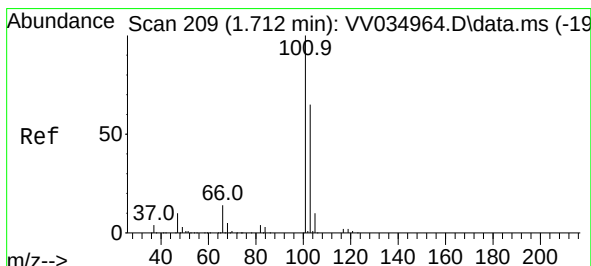
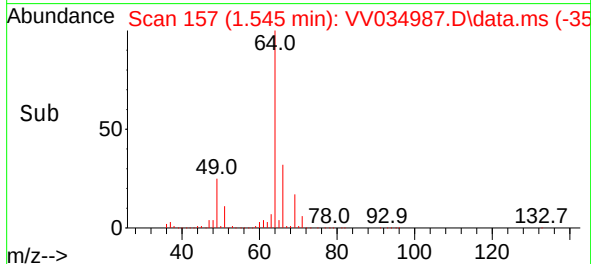
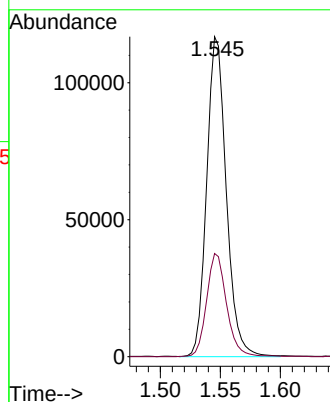
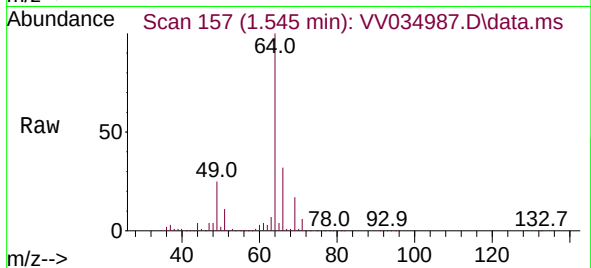




#8
Chloroethane
Concen: 51.002 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

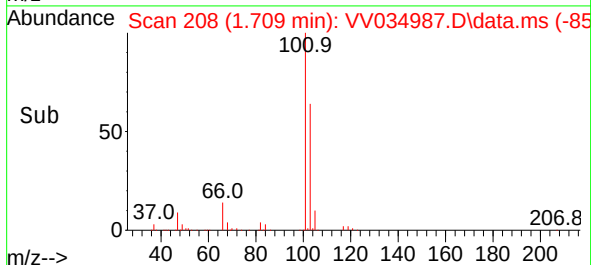
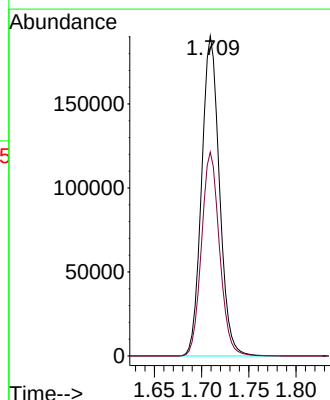
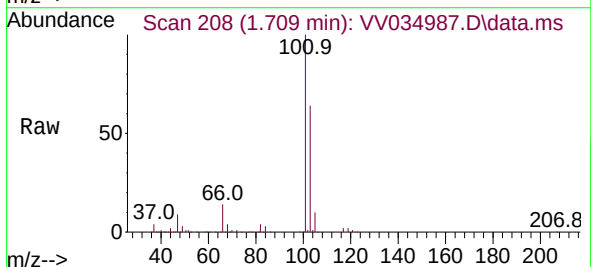
Instrument :
MSVOA_V
ClientSampleId :

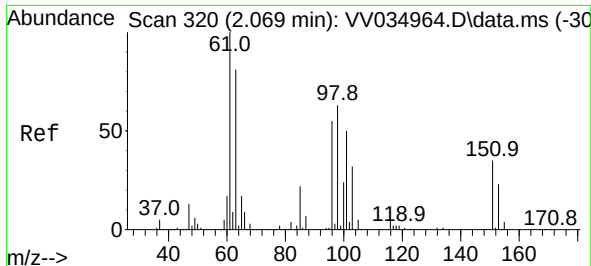
Tgt Ion: 64 Resp: 132876
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 49.918 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

Tgt Ion:101 Resp: 249928
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4





#10

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

Concen: 50.357 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

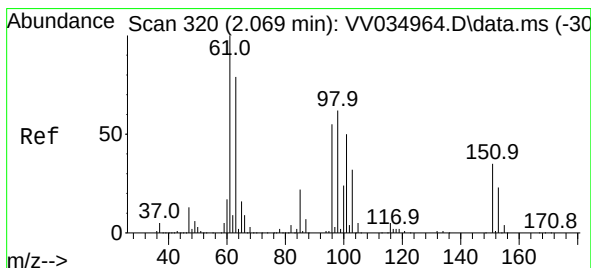
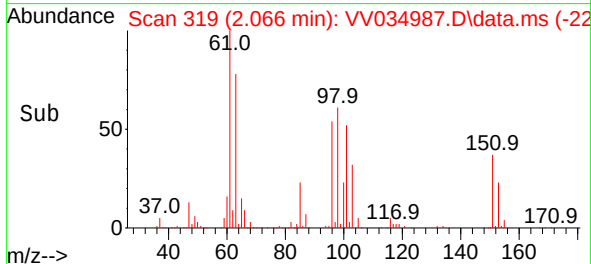
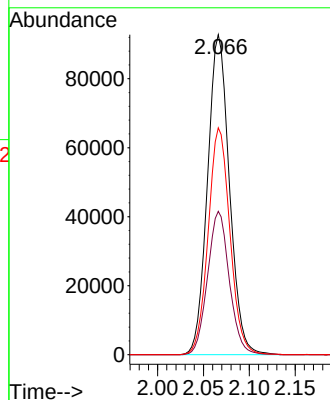
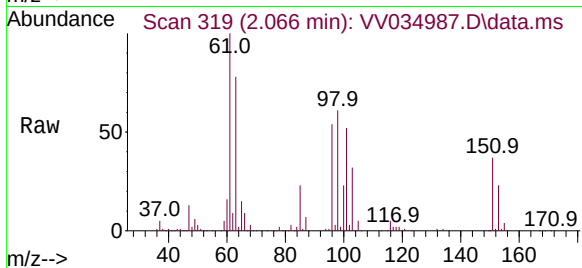
Tgt Ion:101 Resp: 154322

Ion Ratio Lower Upper

101 100

85 44.4 35.3 52.9

151 70.5 55.0 82.4



#12

1,1-Dichloroethene

Concen: 48.460 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

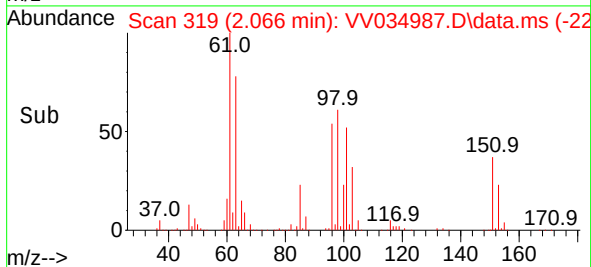
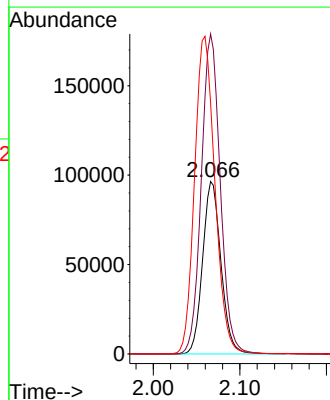
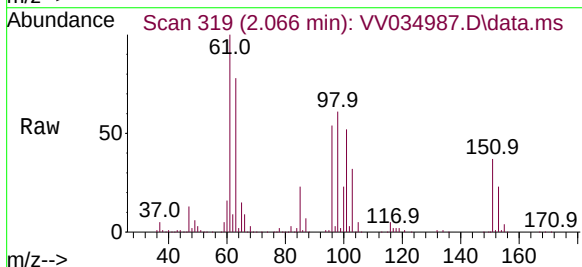
Tgt Ion: 96 Resp: 142035

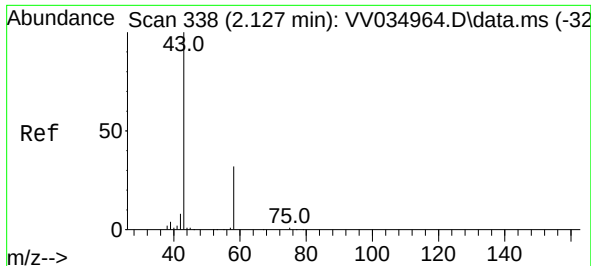
Ion Ratio Lower Upper

96 100

61 185.6 131.5 244.3

63 145.6 111.4 206.8





#13

Acetone

Concen: 90.376 ug/L

RT: 2.124 min Scan# 338

Delta R.T. -0.003 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Instrument :

MSVOA_V

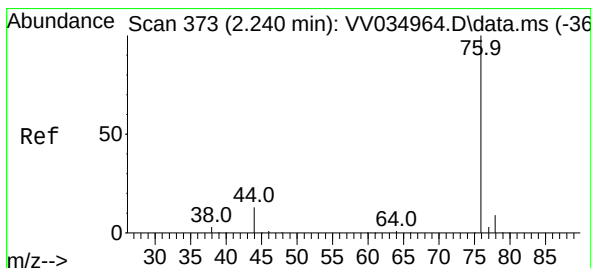
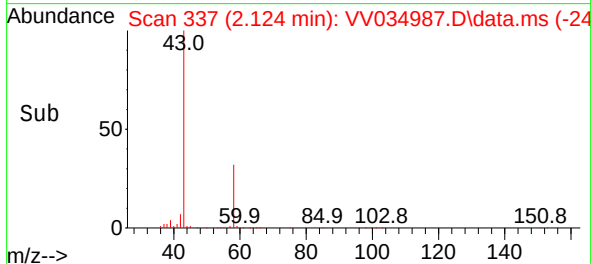
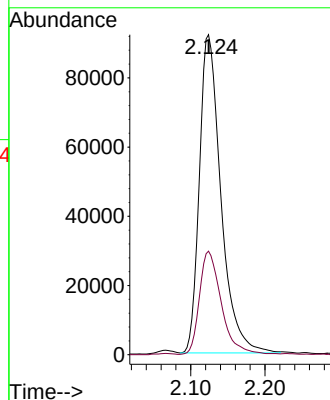
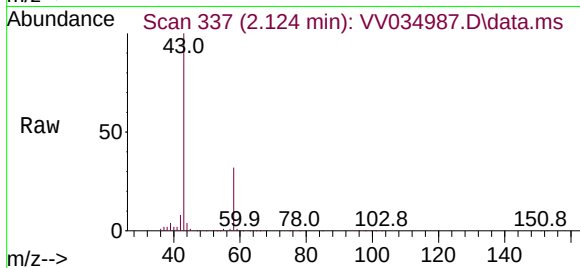
ClientSampleId :

Tgt Ion: 43 Resp: 185596

Ion Ratio Lower Upper

43 100

58 32.7 0.0 66.0



#14

Carbon disulfide

Concen: 44.115 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034987.D

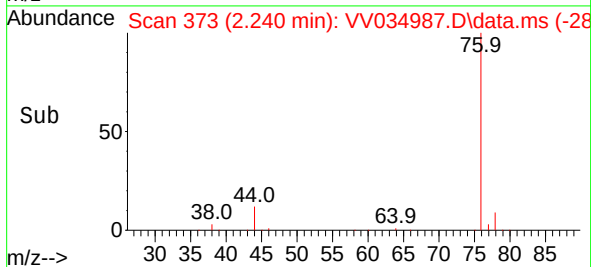
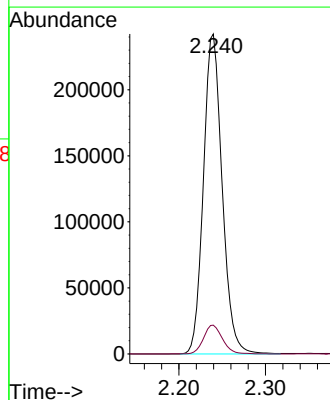
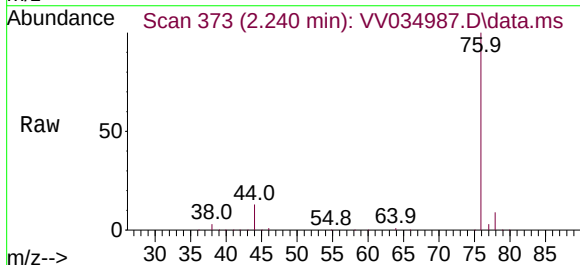
Acq: 04 Apr 2024 18:45

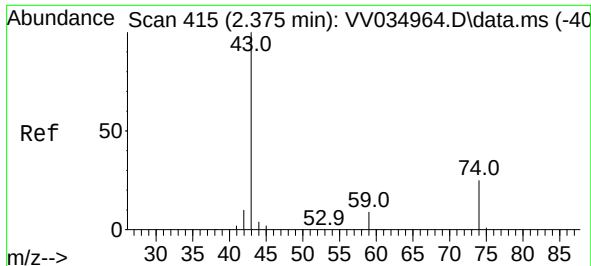
Tgt Ion: 76 Resp: 364120

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

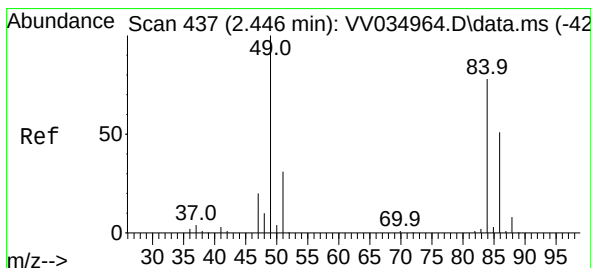
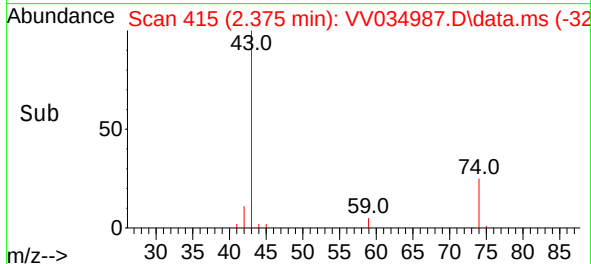
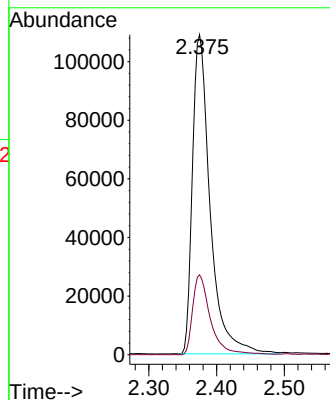
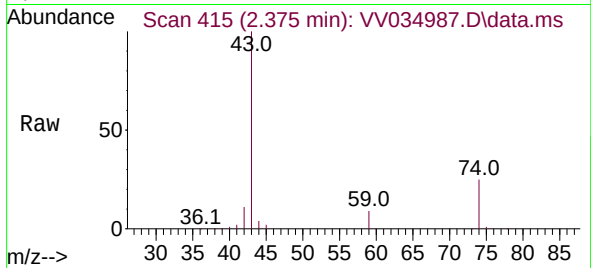




#15
Methyl Acetate
Concen: 61.117 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.000 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

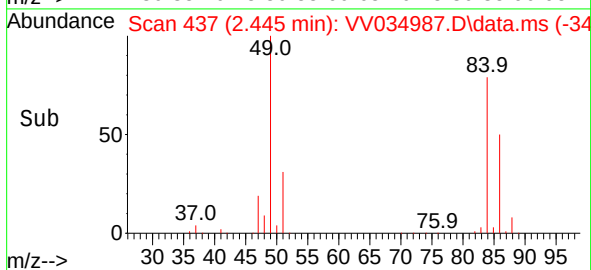
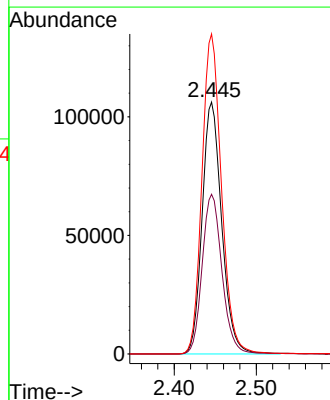
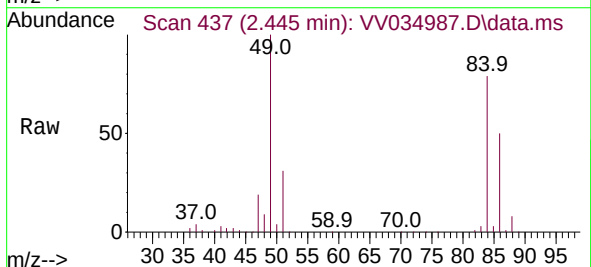
Instrument :
MSVOA_V
ClientSampleId :

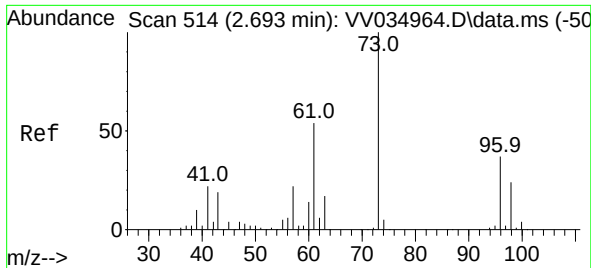
Tgt Ion: 43 Resp: 197785
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.8



#16
Methylene chloride
Concen: 55.397 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

Tgt Ion: 84 Resp: 175930
Ion Ratio Lower Upper
84 100
86 63.4 44.6 82.8
49 127.0 86.9 161.3





#17

trans-1,2-Dichloroethene

Concen: 51.495 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

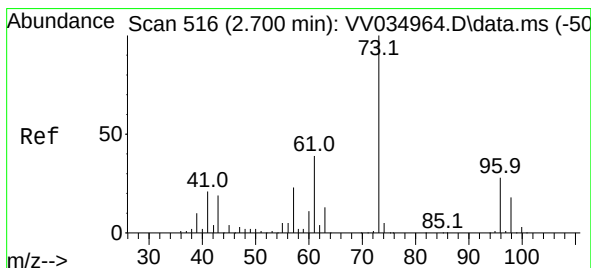
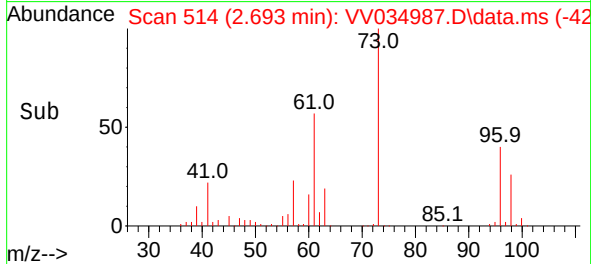
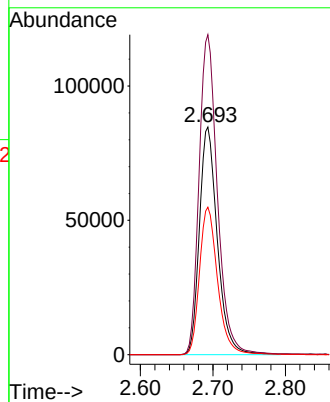
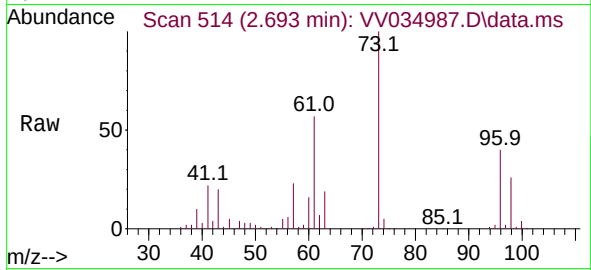
Tgt Ion: 96 Resp: 145921

Ion Ratio Lower Upper

96 100

61 140.6 99.0 183.8

98 64.8 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 55.553 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

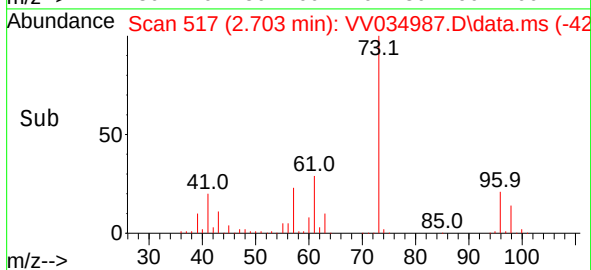
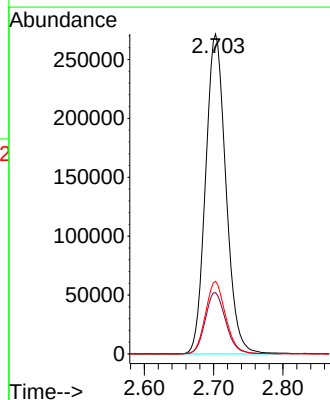
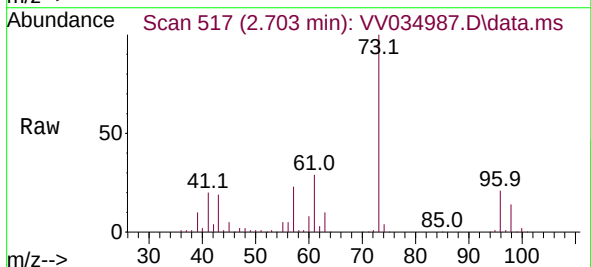
Tgt Ion: 73 Resp: 552931

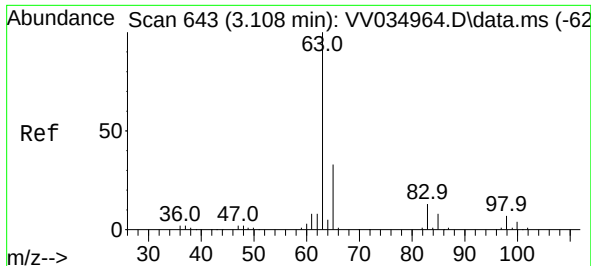
Ion Ratio Lower Upper

73 100

43 19.1 14.6 21.8

57 22.5 17.6 26.4

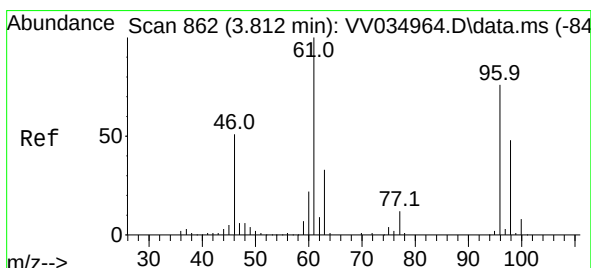
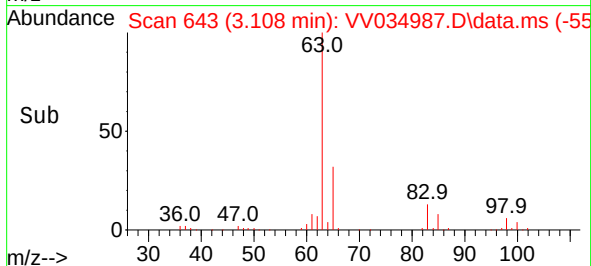
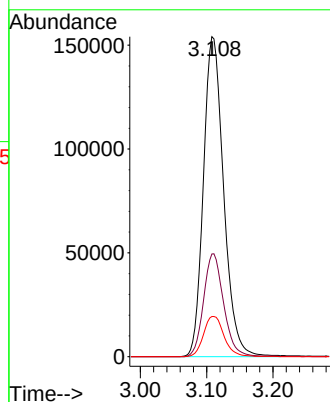
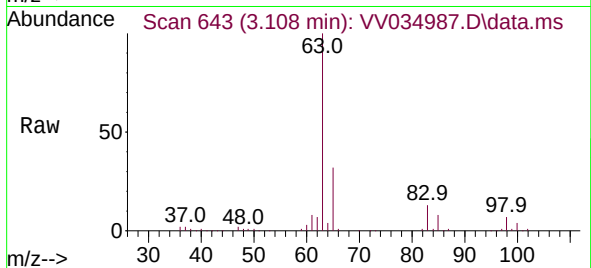




#19
1,1-Dichloroethane
Concen: 56.308 ug/L
RT: 3.108 min Scan# 643
Delta R.T. -0.000 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

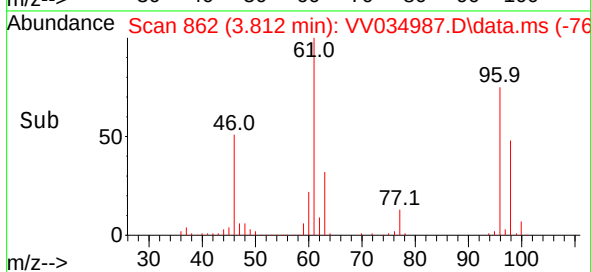
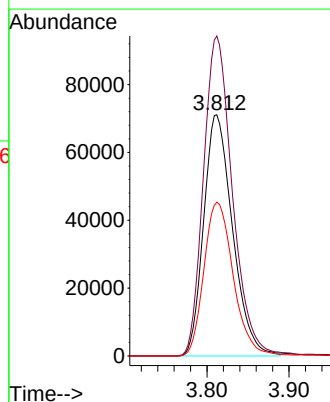
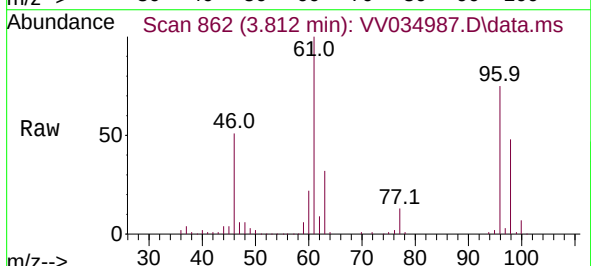
Instrument :
MSVOA_V
ClientSampleId :

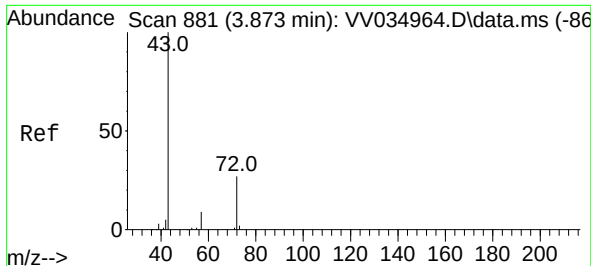
Tgt Ion: 63 Resp: 327207
Ion Ratio Lower Upper
63 100
65 32.1 23.0 42.6
83 12.5 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 54.072 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

Tgt Ion: 96 Resp: 173993
Ion Ratio Lower Upper
96 100
61 132.7 94.9 176.3
98 63.8 45.6 84.8

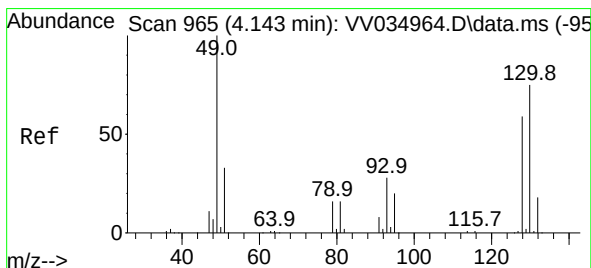
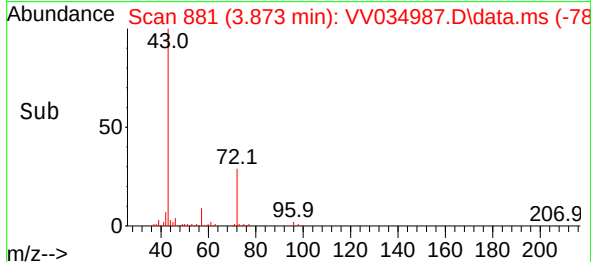
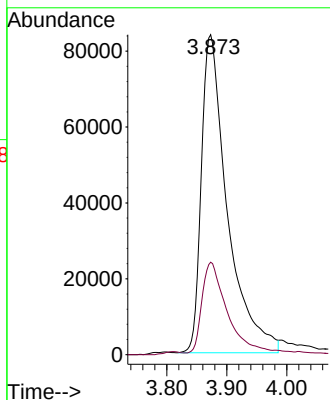
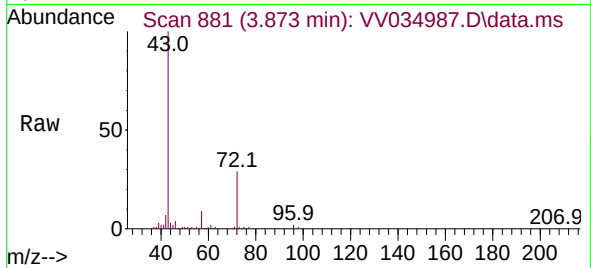




#22
2-Butanone
Concen: 106.214 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.000 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

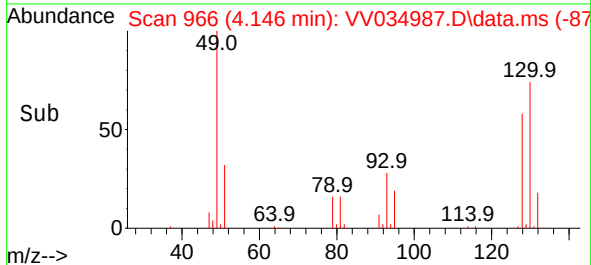
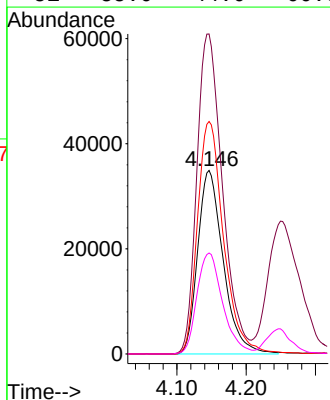
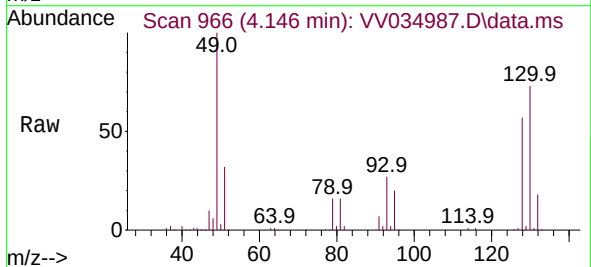
Instrument :
MSVOA_V
ClientSampleId :

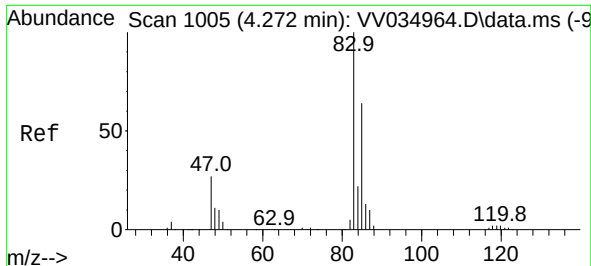
Tgt Ion: 43 Resp: 253106
Ion Ratio Lower Upper
43 100
72 27.4 13.2 39.6



#23
Bromochloromethane
Concen: 55.466 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

Tgt Ion:128 Resp: 89297
Ion Ratio Lower Upper
128 100
49 174.4 123.8 229.8
130 126.7 93.2 173.0
51 55.0 44.0 66.0





#25

Chloroform

Concen: 56.584 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. -0.000 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Instrument :

MSVOA_V

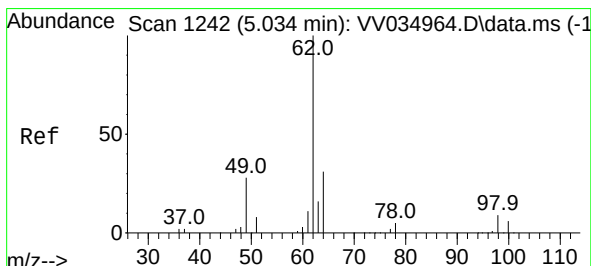
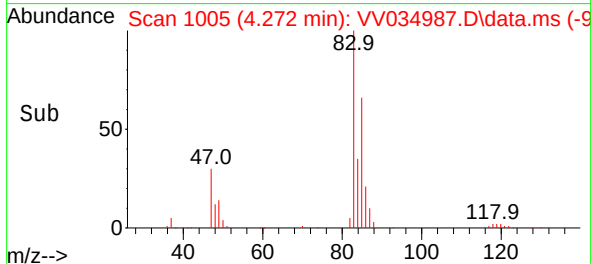
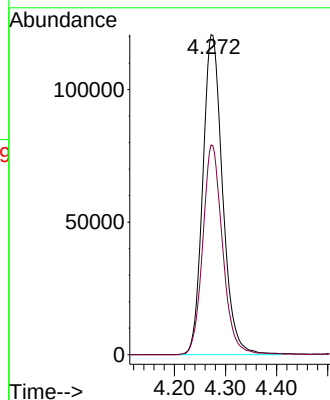
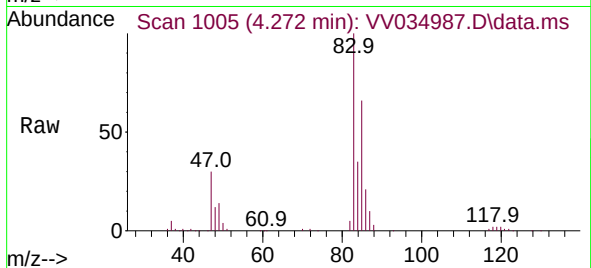
ClientSampleId :

Tgt Ion: 83 Resp: 325089

Ion Ratio Lower Upper

83 100

85 65.5 46.0 85.4



#27

1,2-Dichloroethane

Concen: 56.889 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV034987.D

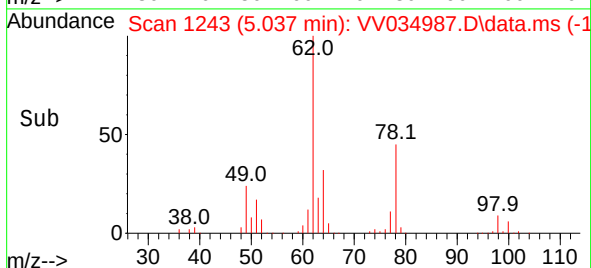
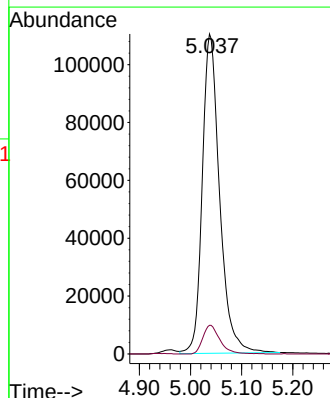
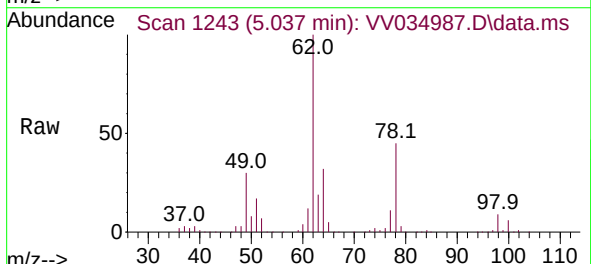
Acq: 04 Apr 2024 18:45

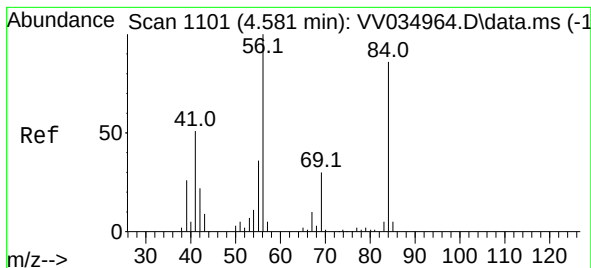
Tgt Ion: 62 Resp: 260228

Ion Ratio Lower Upper

62 100

98 8.9 7.2 10.8





#29

Cyclohexane

Concen: 47.077 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

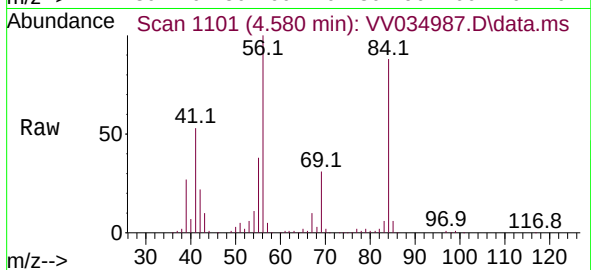
Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :



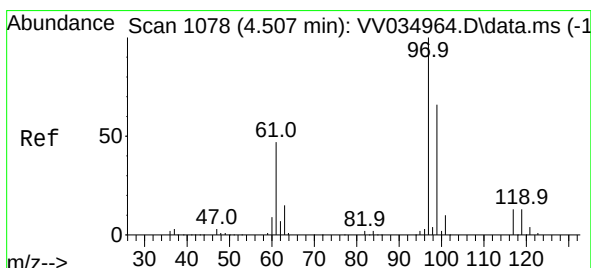
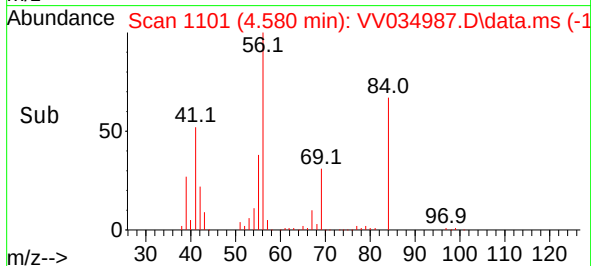
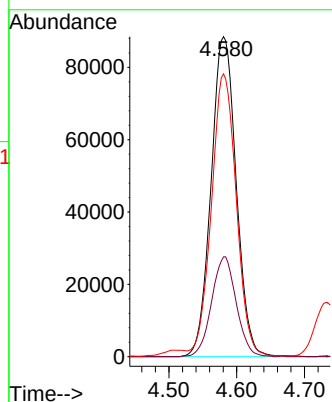
Tgt Ion: 56 Resp: 227927

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 86.5 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 53.138 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

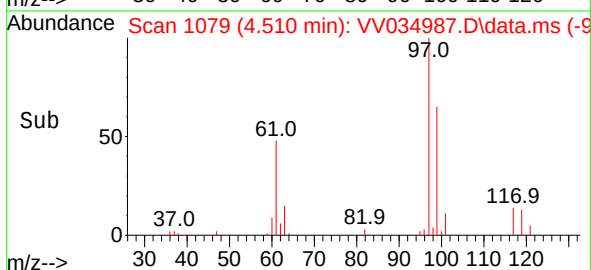
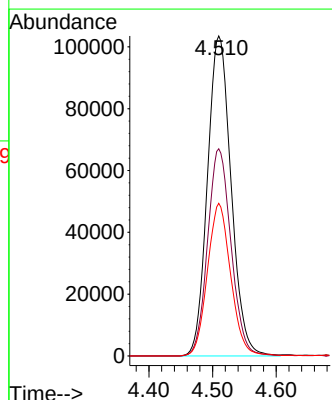
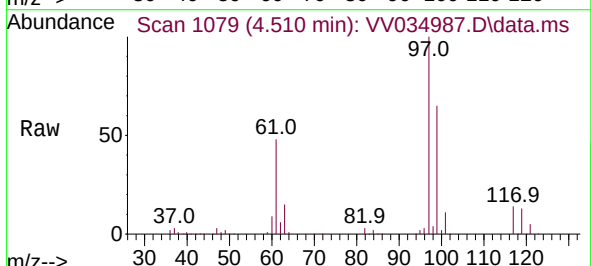
Tgt Ion: 97 Resp: 267754

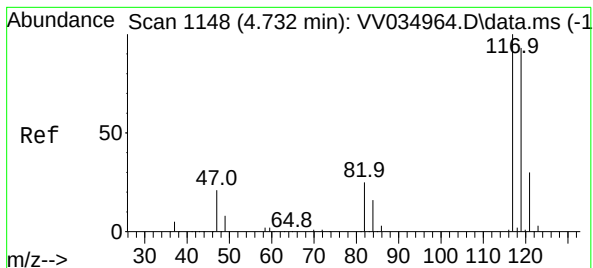
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 47.0 36.8 55.2





#31

Carbon tetrachloride

Concen: 52.526 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. -0.000 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Instrument :

MSVOA_V

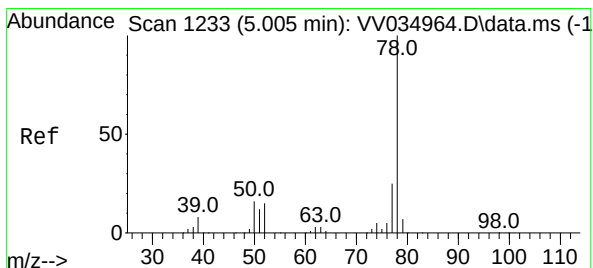
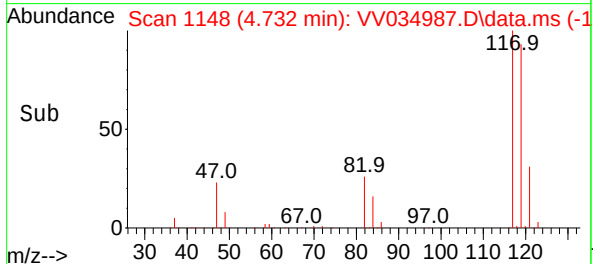
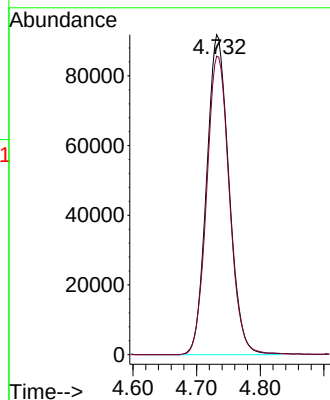
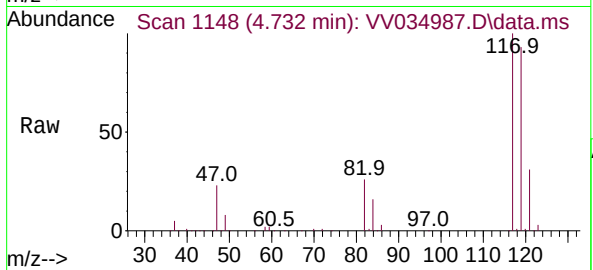
ClientSampleId :

Tgt Ion:117 Resp: 224328

Ion Ratio Lower Upper

117 100

119 94.8 77.1 115.7



#33

Benzene

Concen: 52.648 ug/L

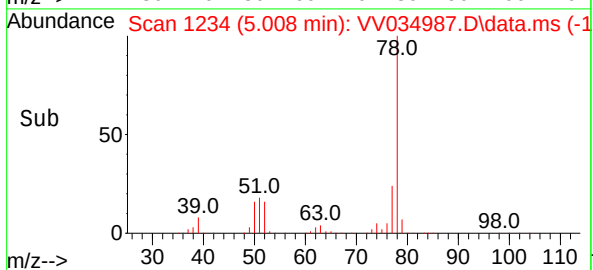
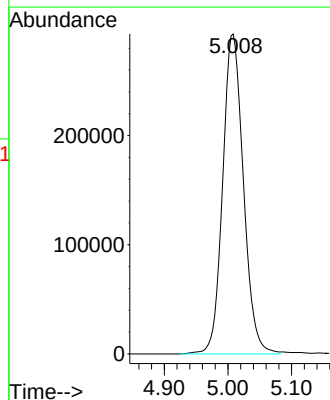
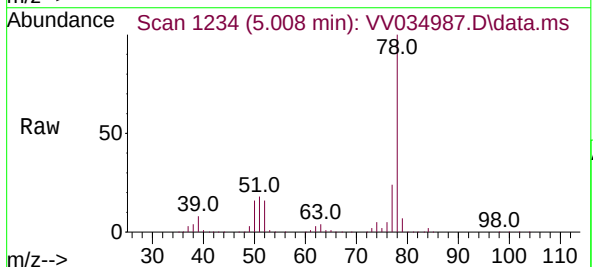
RT: 5.008 min Scan# 1234

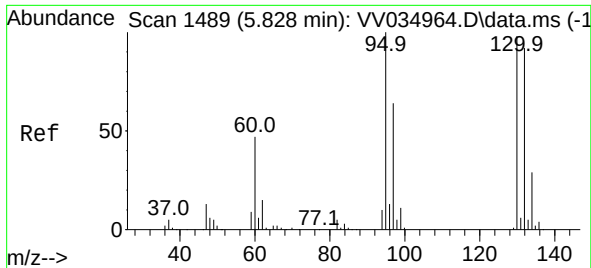
Delta R.T. 0.003 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Tgt Ion: 78 Resp: 663640

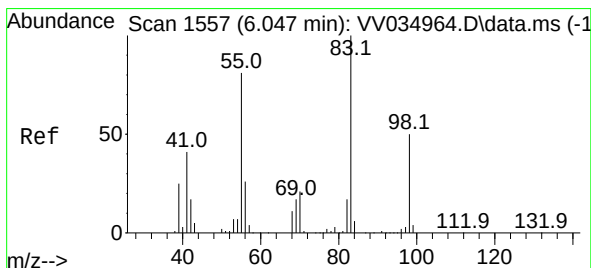
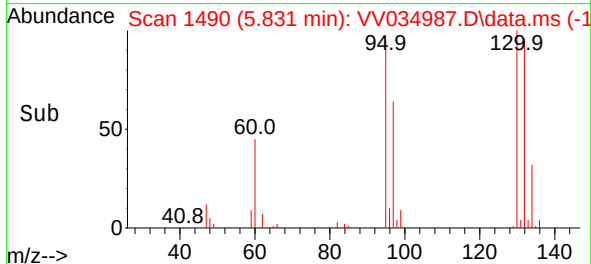
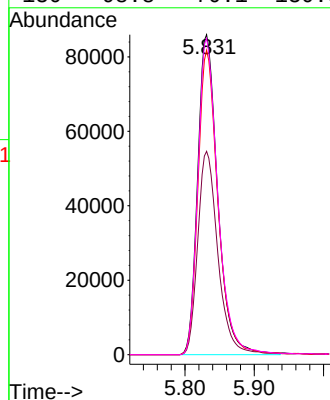
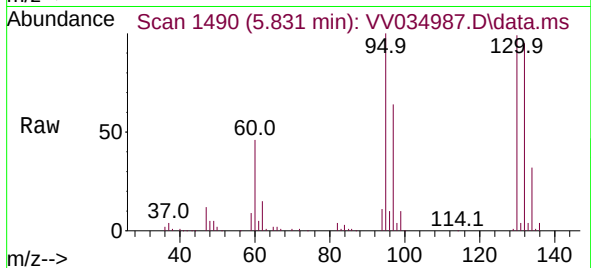




#34
Trichloroethene
Concen: 50.872 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

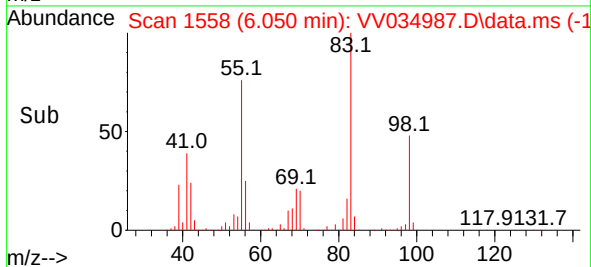
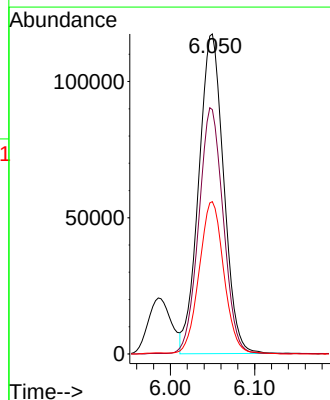
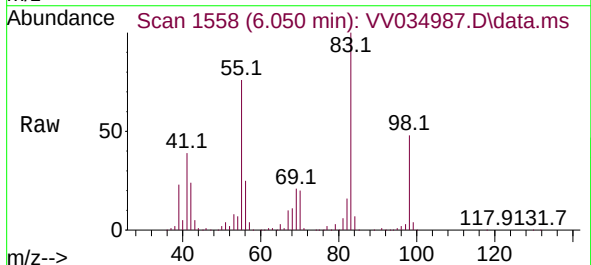
Instrument :
MSVOA_V
ClientSampleId :

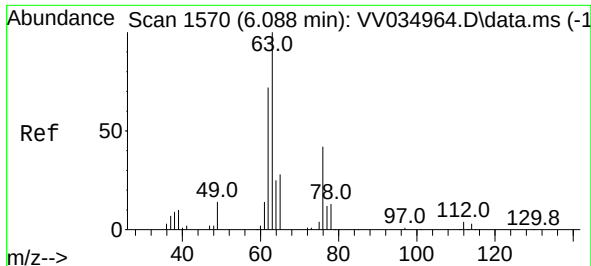
Tgt Ion: 95 Resp: 173057
Ion Ratio Lower Upper
95 100
97 63.5 45.3 84.1
132 95.1 65.3 121.3
130 98.8 70.1 130.3



#35
Methylcyclohexane
Concen: 47.004 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

Tgt Ion: 83 Resp: 241489
Ion Ratio Lower Upper
83 100
55 75.7 60.0 90.0
98 47.4 37.6 56.4

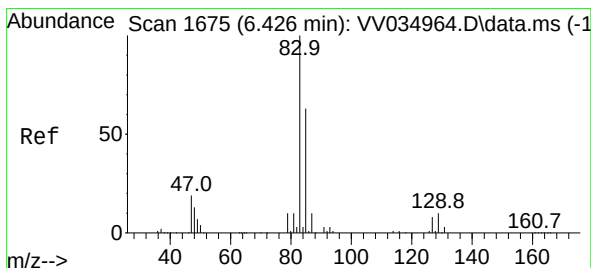
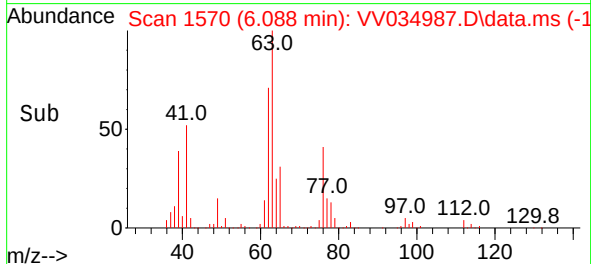
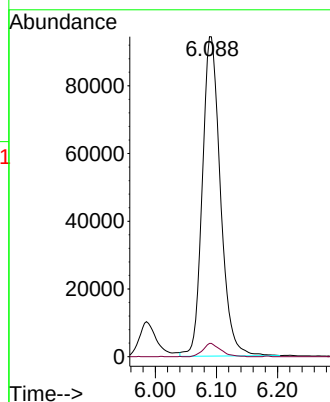
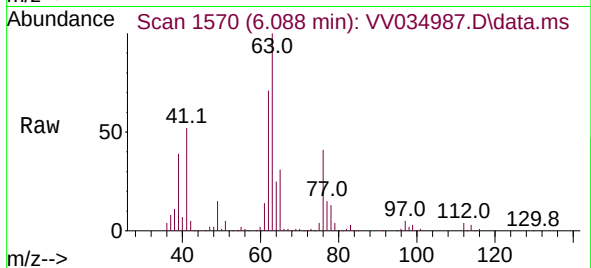




#37
1,2-Dichloropropane
Concen: 55.737 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

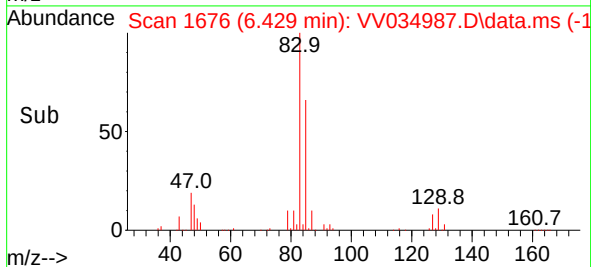
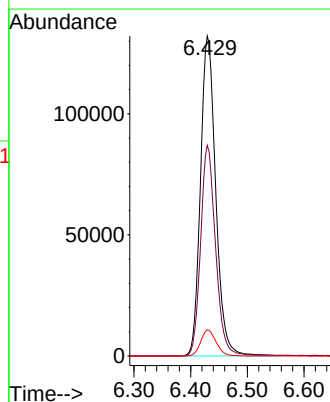
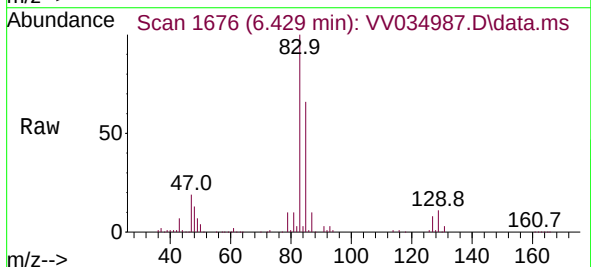
Instrument :
MSVOA_V
ClientSampleId :

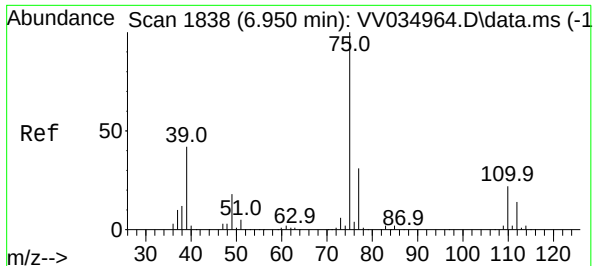
Tgt Ion: 63 Resp: 194158
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 55.050 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

Tgt Ion: 83 Resp: 247423
Ion Ratio Lower Upper
83 100
85 65.9 43.7 81.1
127 8.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 53.079 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. -0.000 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Instrument :

MSVOA_V

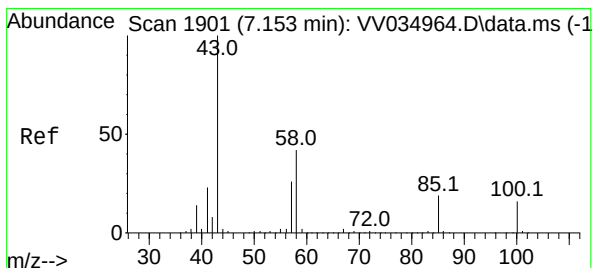
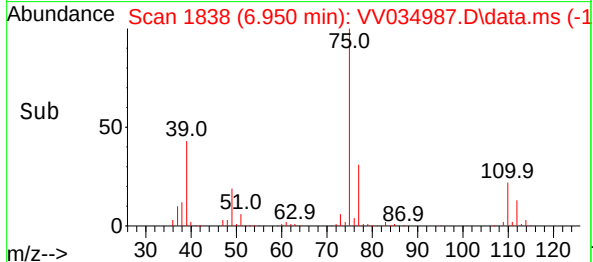
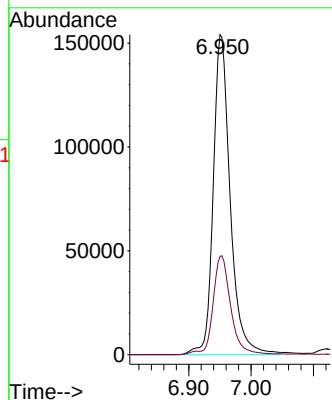
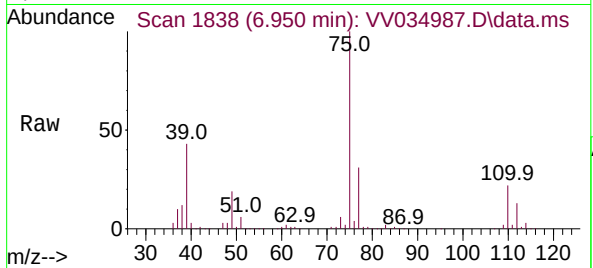
ClientSampleId :

Tgt Ion: 75 Resp: 291274

Ion Ratio Lower Upper

75 100

77 30.7 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 114.423 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

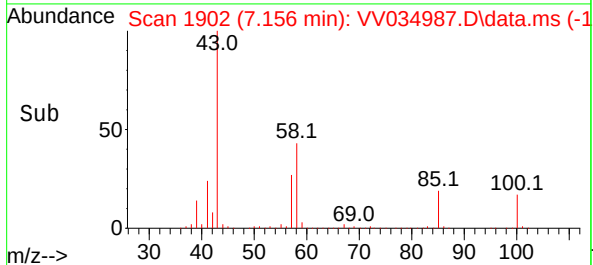
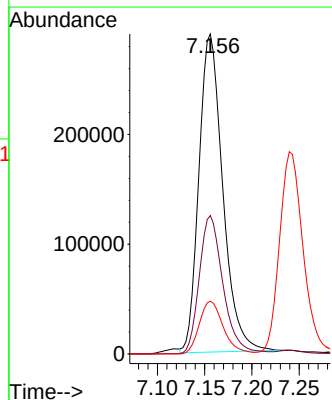
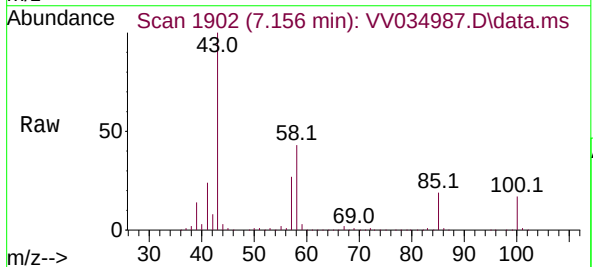
Tgt Ion: 43 Resp: 508907

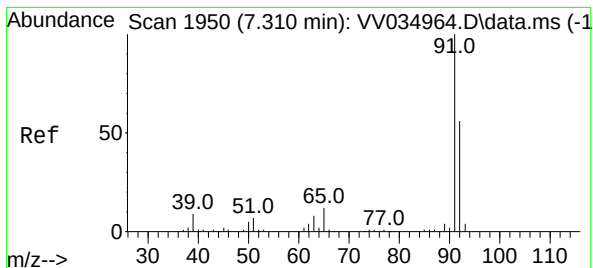
Ion Ratio Lower Upper

43 100

58 43.2 33.8 50.8

100 16.7 13.0 19.4





#42

Toluene

Concen: 53.580 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Instrument :

MSVOA_V

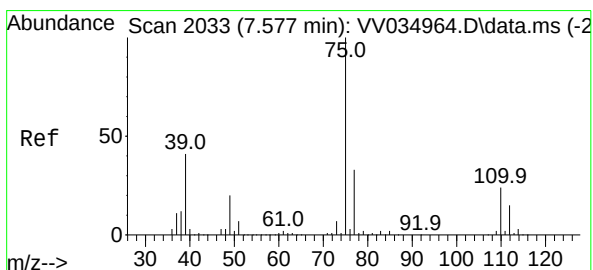
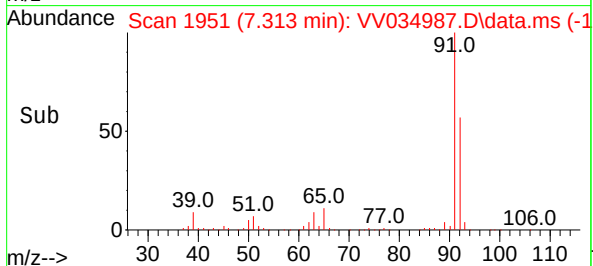
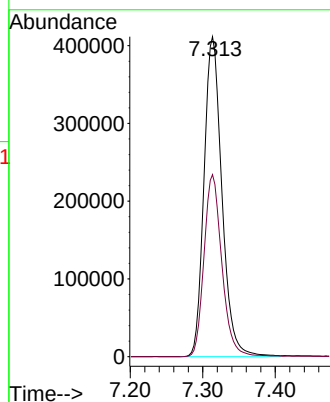
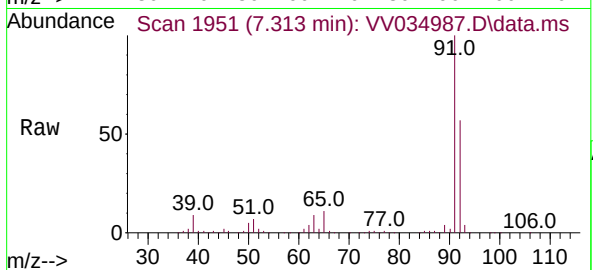
ClientSampleId :

Tgt Ion: 91 Resp: 707082

Ion Ratio Lower Upper

91 100

92 56.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 54.469 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV034987.D

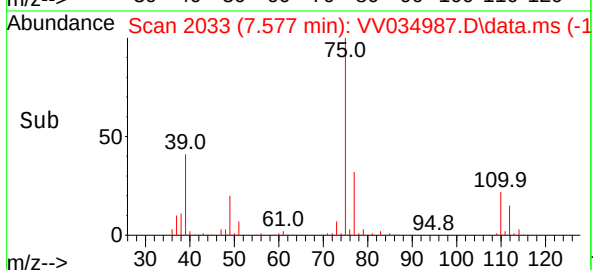
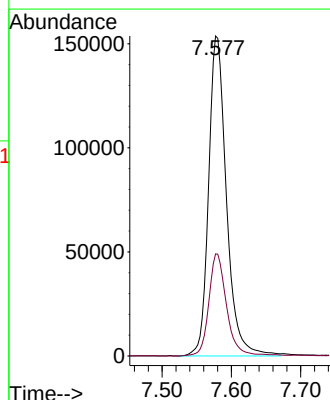
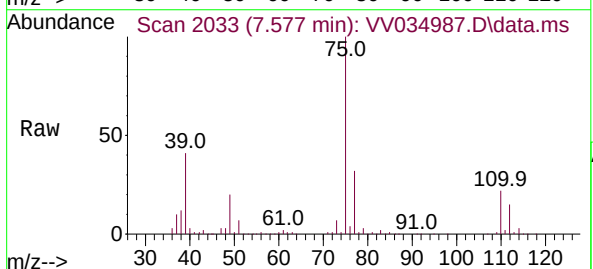
Acq: 04 Apr 2024 18:45

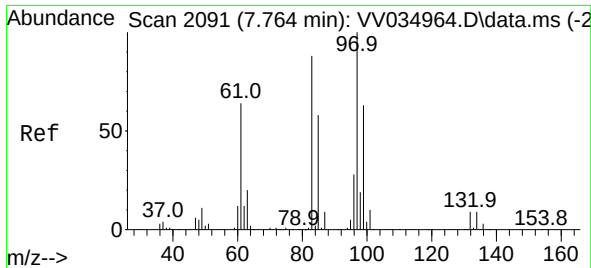
Tgt Ion: 75 Resp: 274609

Ion Ratio Lower Upper

75 100

77 31.9 21.7 40.3

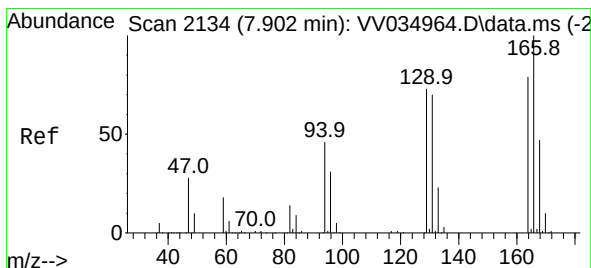
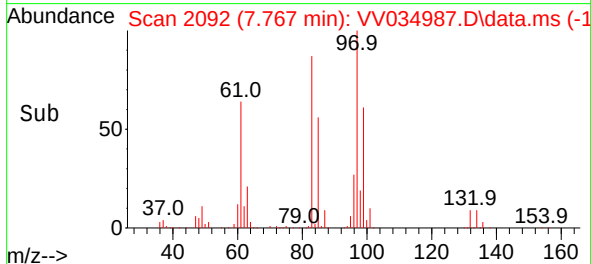
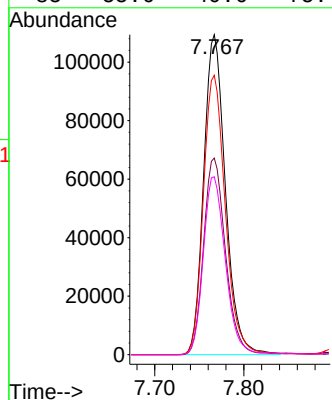
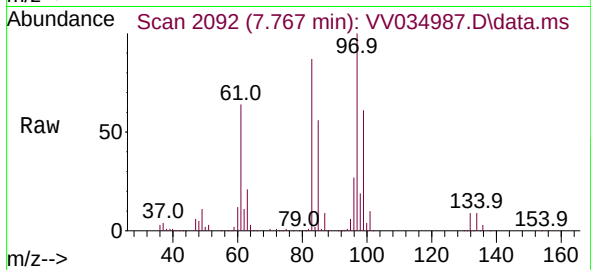




#45
1,1,2-Trichloroethane
Concen: 56.493 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

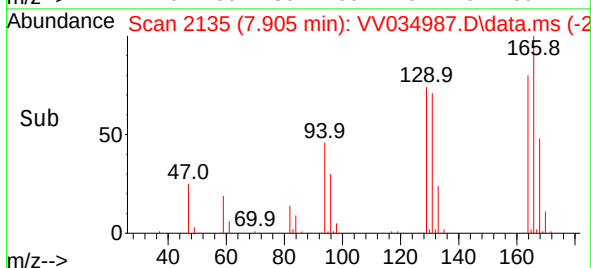
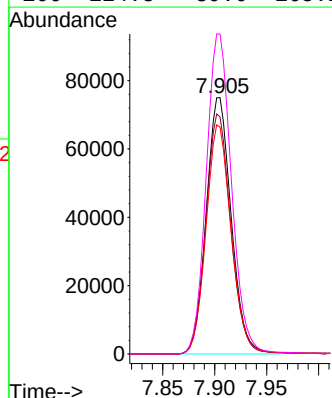
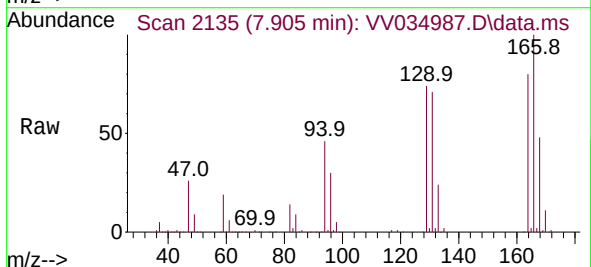
Instrument :
MSVOA_V
ClientSampleId :

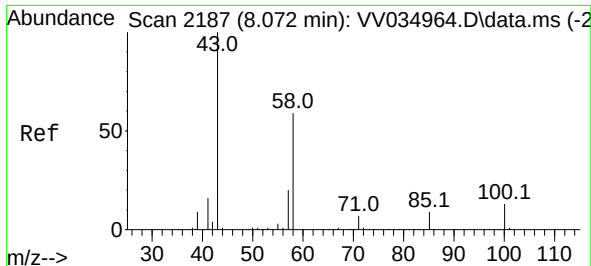
Tgt Ion: 97 Resp: 185485
Ion Ratio Lower Upper
97 100
99 61.4 43.3 80.3
83 87.3 61.6 114.4
85 55.6 40.6 75.4



#46
Tetrachloroethene
Concen: 52.841 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

Tgt Ion:164 Resp: 125584
Ion Ratio Lower Upper
164 100
129 92.5 68.6 127.4
131 88.5 65.7 122.1
166 124.8 89.0 165.2





#48

2-Hexanone

Concen: 112.471 ug/L

RT: 8.075 min Scan# 2187

Delta R.T. 0.003 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 425443

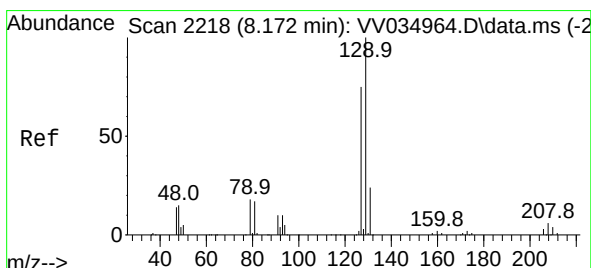
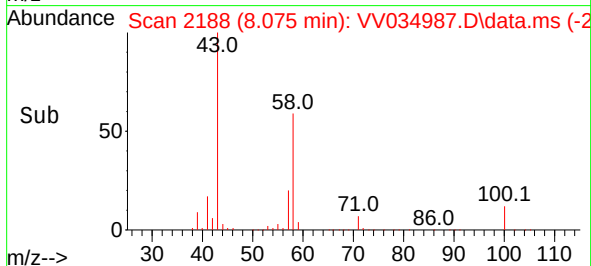
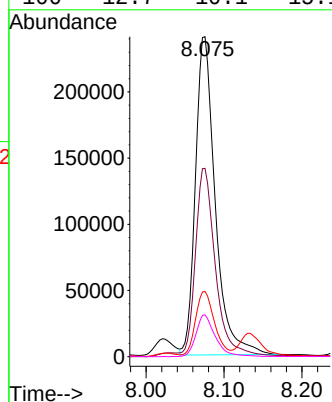
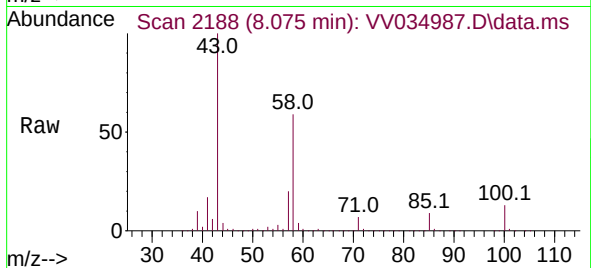
Ion Ratio Lower Upper

43 100

58 58.7 45.4 68.2

57 19.6 16.2 24.4

100 12.7 10.1 15.1



#49

Dibromochloromethane

Concen: 56.295 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.003 min

Lab File: VV034987.D

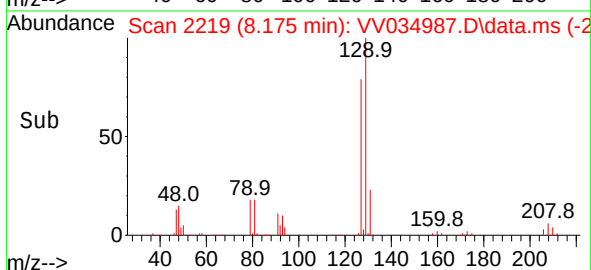
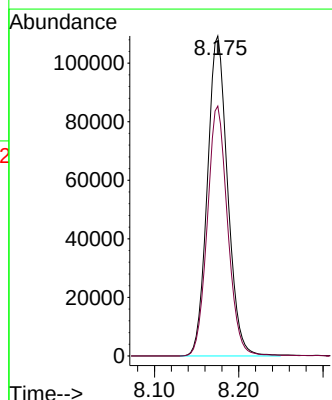
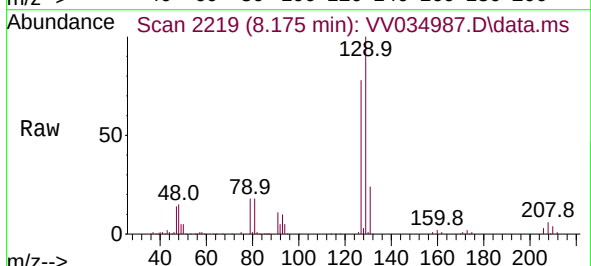
Acq: 04 Apr 2024 18:45

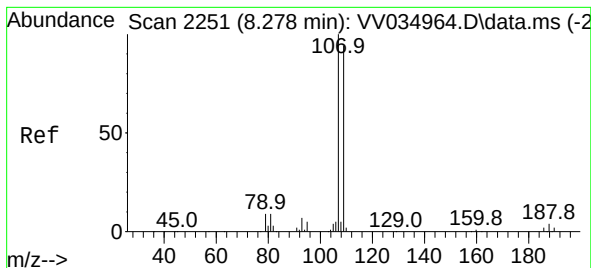
Tgt Ion:129 Resp: 183065

Ion Ratio Lower Upper

129 100

127 78.1 54.1 100.5





#50

1,2-Dibromoethane

Concen: 54.547 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

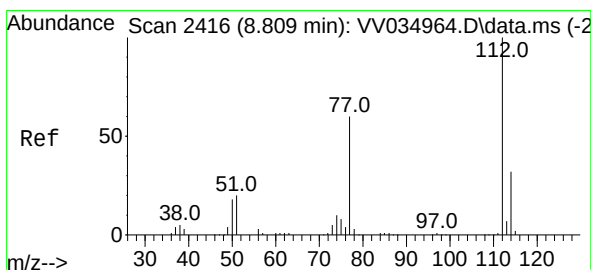
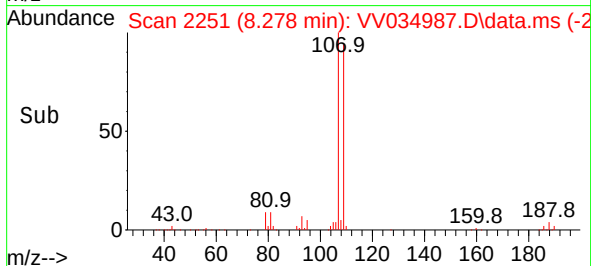
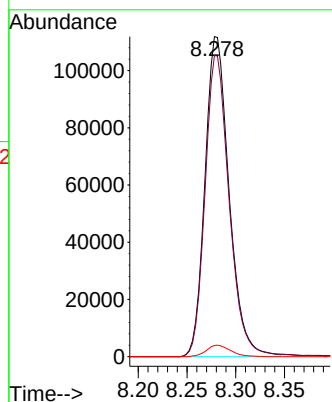
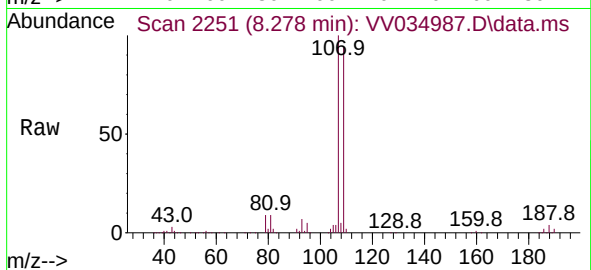
Tgt Ion:107 Resp: 192816

Ion Ratio Lower Upper

107 100

109 94.1 64.5 119.9

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 53.425 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

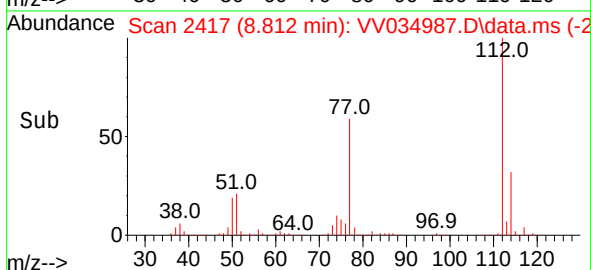
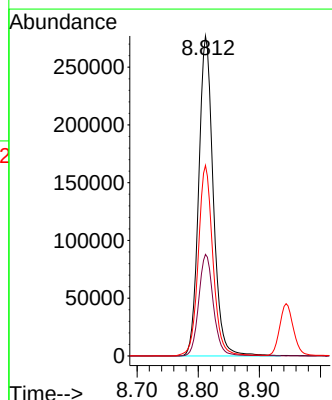
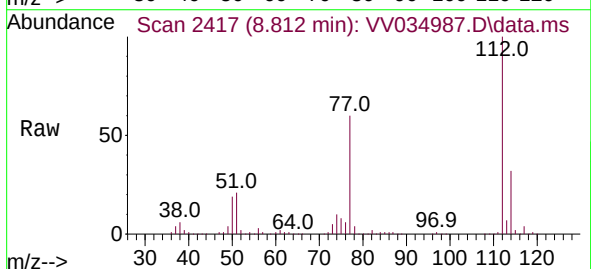
Tgt Ion:112 Resp: 456947

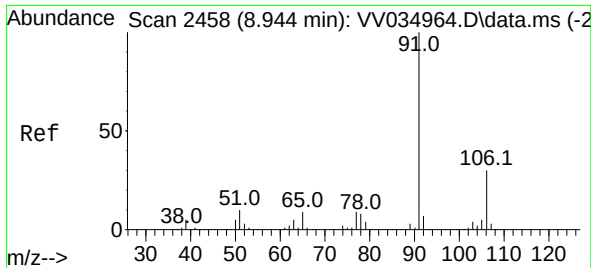
Ion Ratio Lower Upper

112 100

114 31.8 22.0 41.0

77 59.5 47.4 71.2

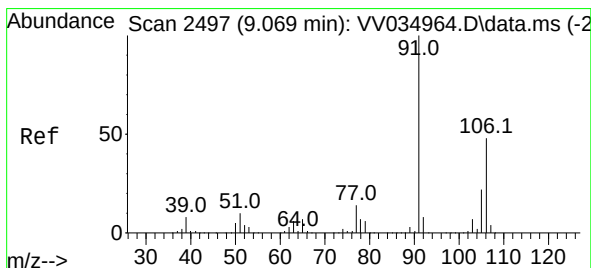
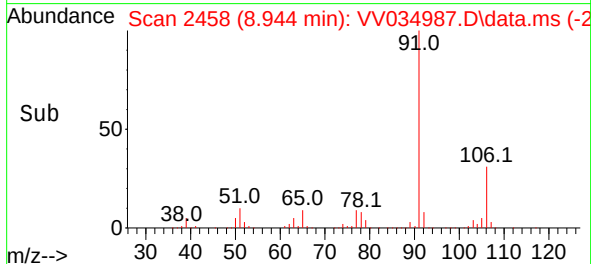
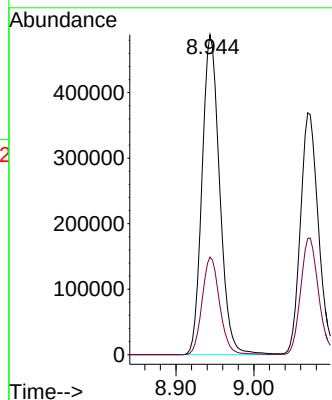
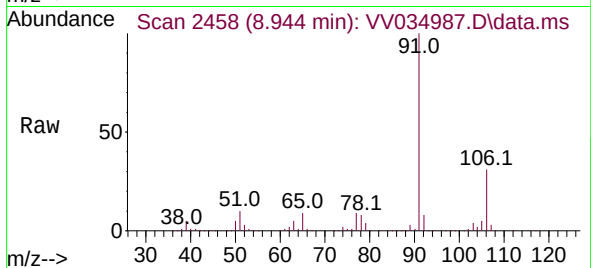




#52
Ethylbenzene
Concen: 52.448 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

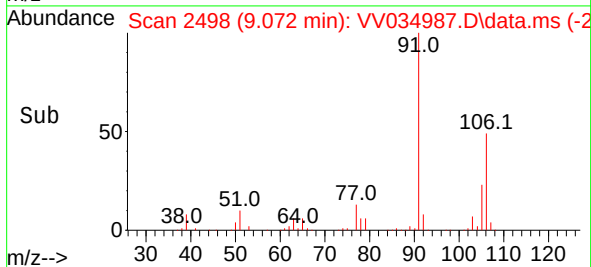
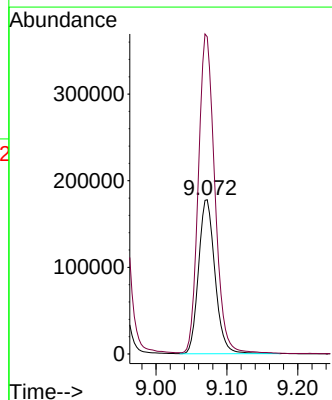
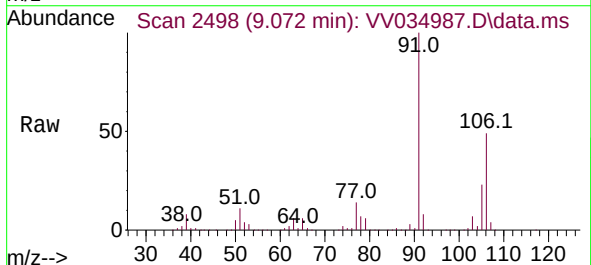
Instrument :
MSVOA_V
ClientSampleId :

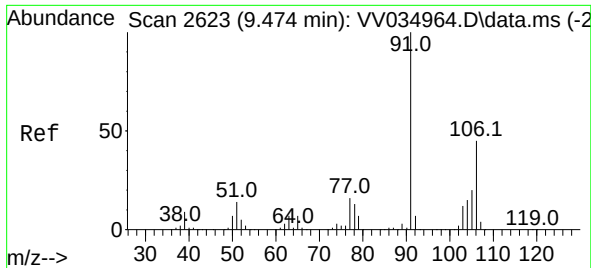
Tgt Ion: 91 Resp: 767094
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 53.176 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

Tgt Ion:106 Resp: 286416
Ion Ratio Lower Upper
106 100
91 205.6 144.8 269.0

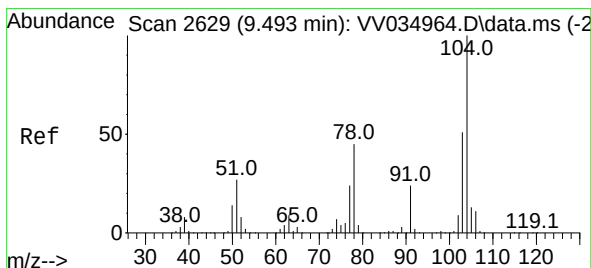
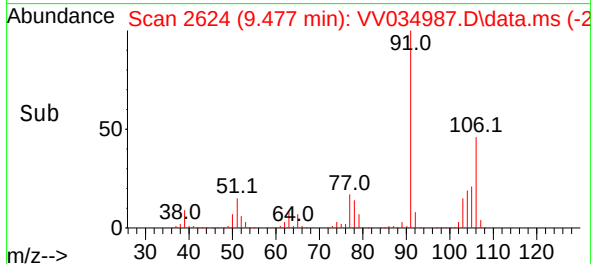
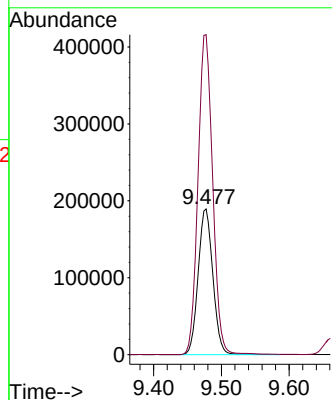
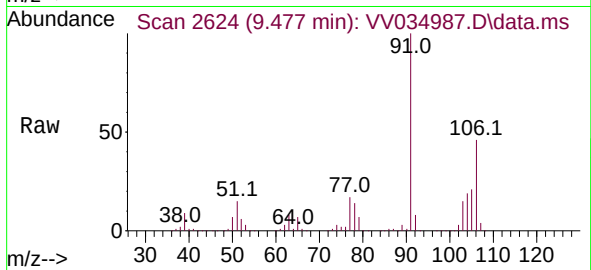




#54
o-Xylene
Concen: 53.782 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

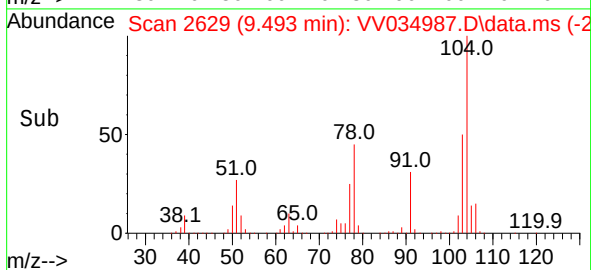
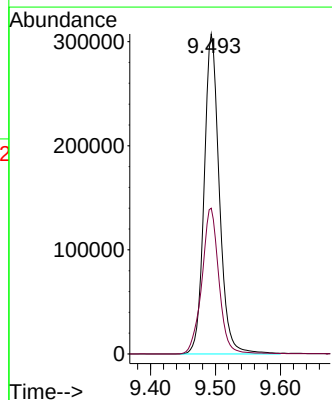
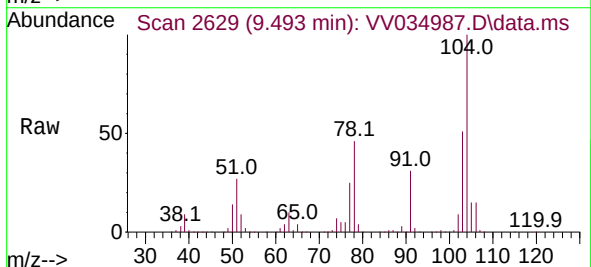
Instrument :
MSVOA_V
ClientSampleId :

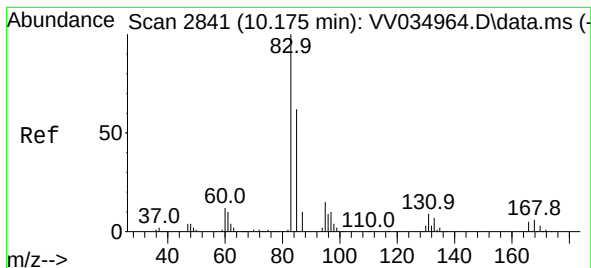
Tgt Ion:106 Resp: 286620
Ion Ratio Lower Upper
106 100
91 219.4 151.3 280.9



#55
Styrene
Concen: 55.762 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

Tgt Ion:104 Resp: 502186
Ion Ratio Lower Upper
104 100
78 45.5 31.5 58.5

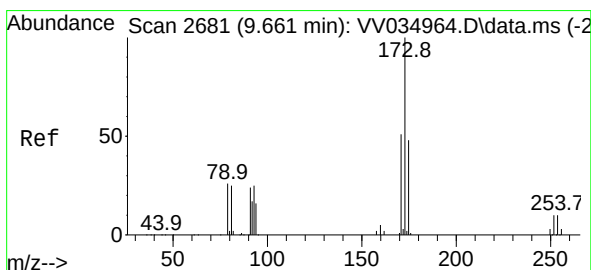
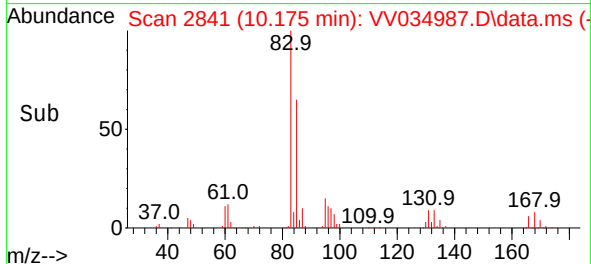
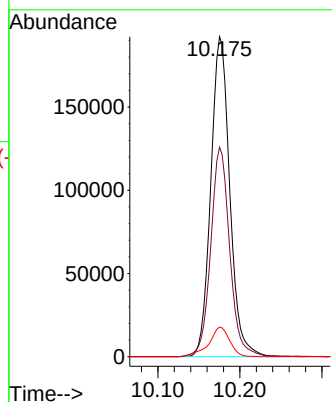
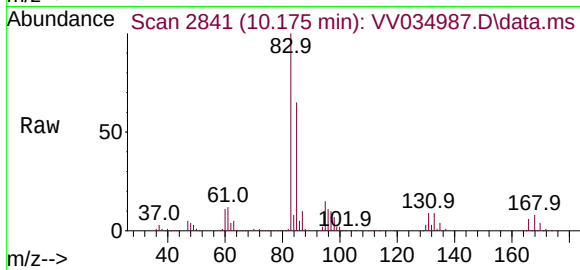




#57
1,1,2,2-Tetrachloroethane
Concen: 58.221 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

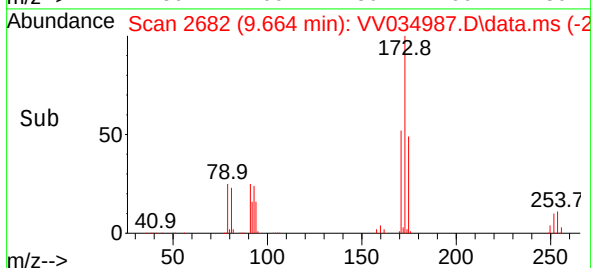
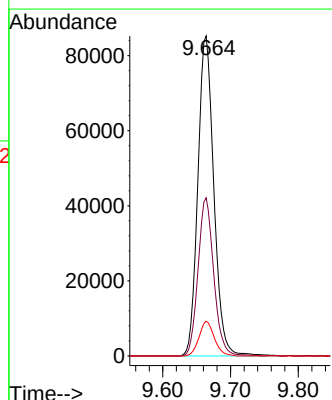
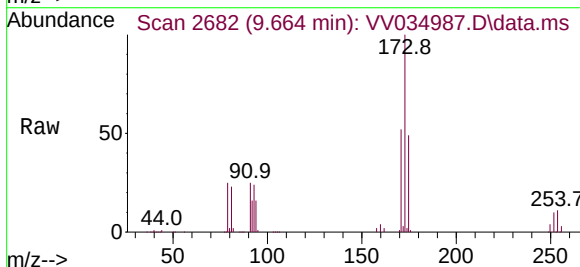
Instrument :
MSVOA_V
ClientSampleId :

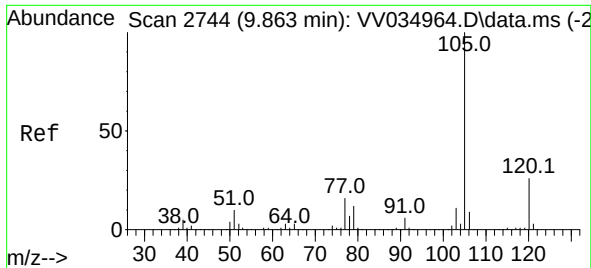
Tgt Ion: 83 Resp: 309720
Ion Ratio Lower Upper
83 100
85 65.4 44.5 82.7
131 9.3 6.9 10.3



#59
Bromoform
Concen: 61.841 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

Tgt Ion: 173 Resp: 139631
Ion Ratio Lower Upper
173 100
175 48.5 39.3 58.9
254 10.4 7.5 11.3

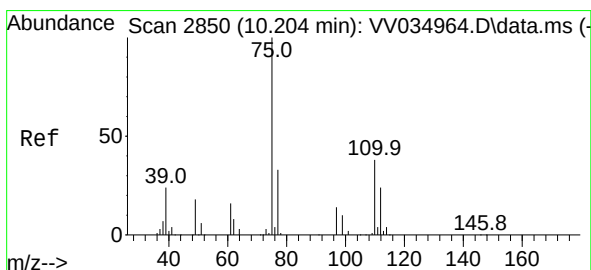
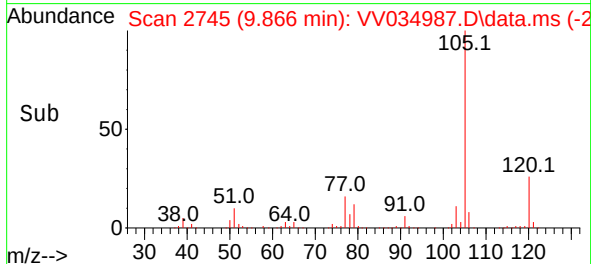
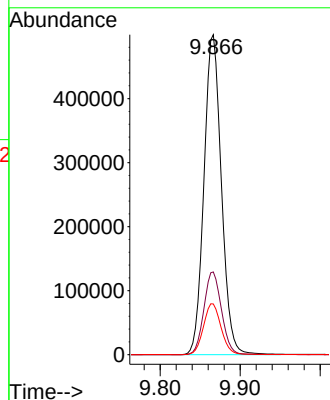
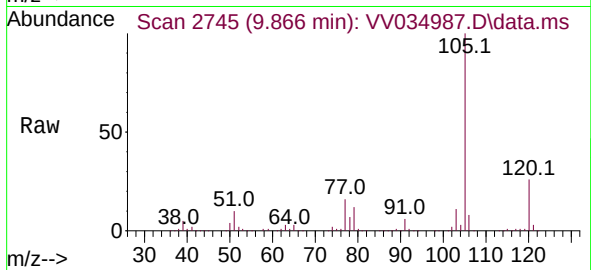




#60
Isopropylbenzene
Concen: 53.510 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

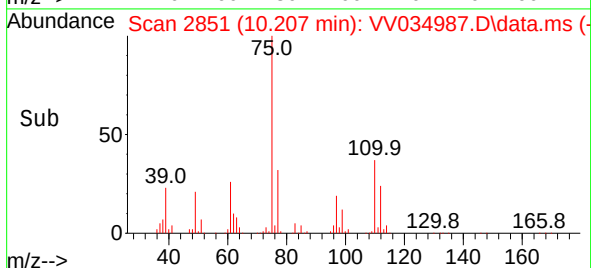
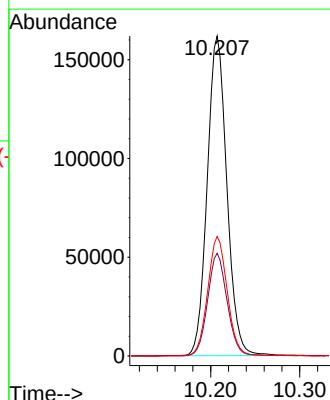
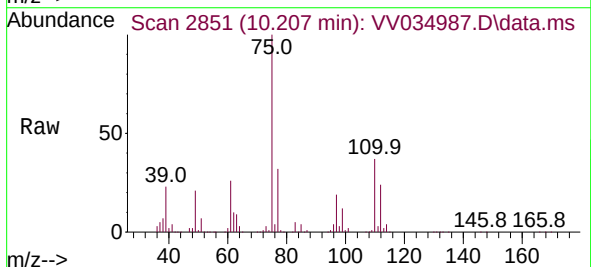
Instrument :
MSVOA_V
ClientSampleId :

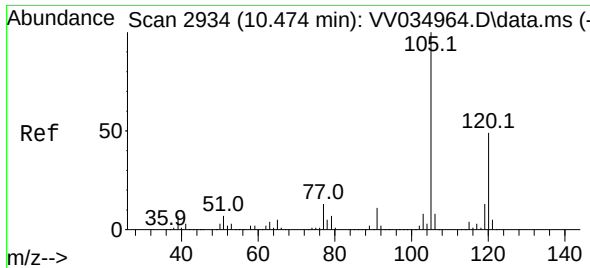
Tgt Ion:105 Resp: 760064
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 16.1 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 57.950 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV034987.D
Acq: 04 Apr 2024 18:45

Tgt Ion: 75 Resp: 247417
Ion Ratio Lower Upper
75 100
77 31.5 26.0 39.0
110 37.3 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 53.662 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Instrument :

MSVOA_V

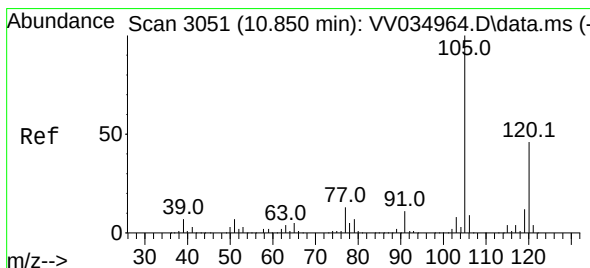
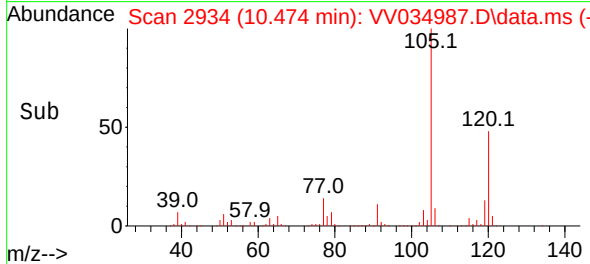
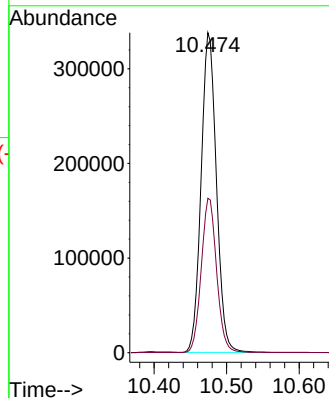
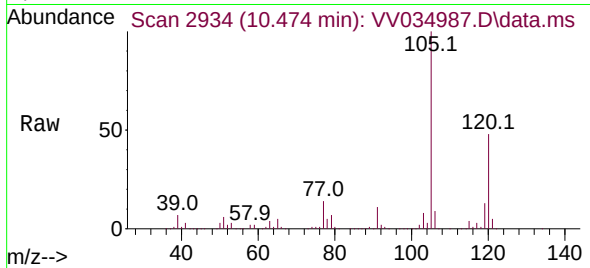
ClientSampleId :

Tgt Ion:105 Resp: 495025

Ion Ratio Lower Upper

105 100

120 48.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 54.479 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034987.D

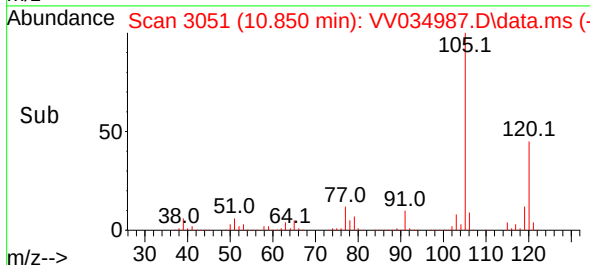
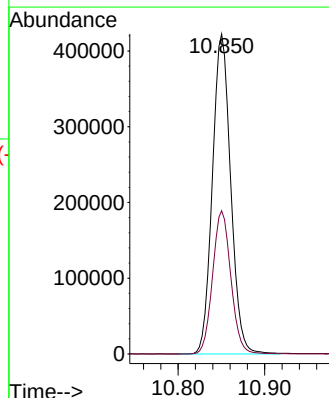
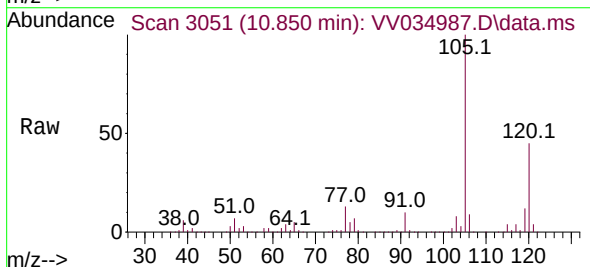
Acq: 04 Apr 2024 18:45

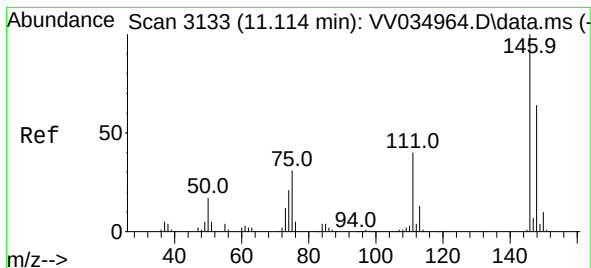
Tgt Ion:105 Resp: 621362

Ion Ratio Lower Upper

105 100

120 44.6 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 53.158 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

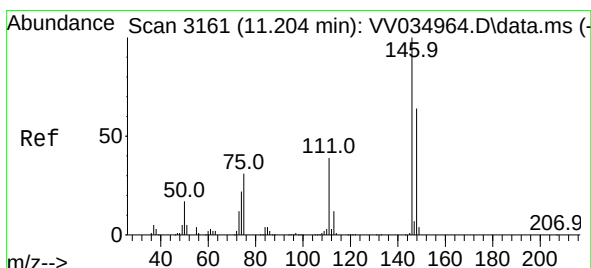
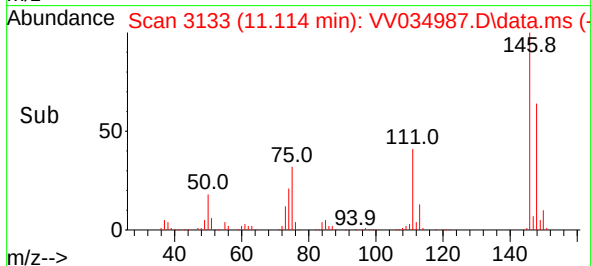
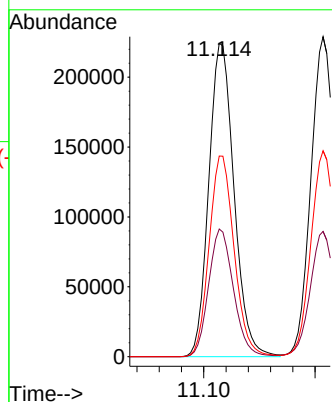
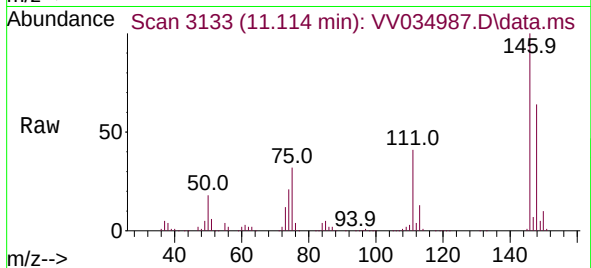
Tgt Ion:146 Resp: 352857

Ion Ratio Lower Upper

146 100

111 40.7 28.7 53.3

148 64.0 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 52.918 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

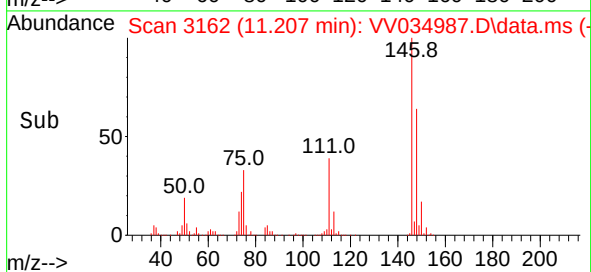
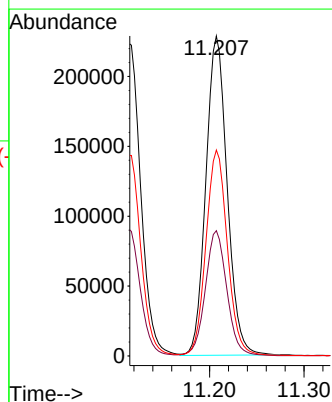
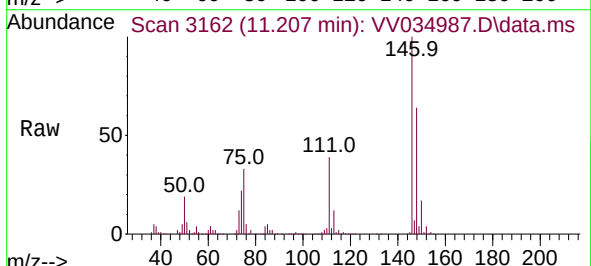
Tgt Ion:146 Resp: 357213

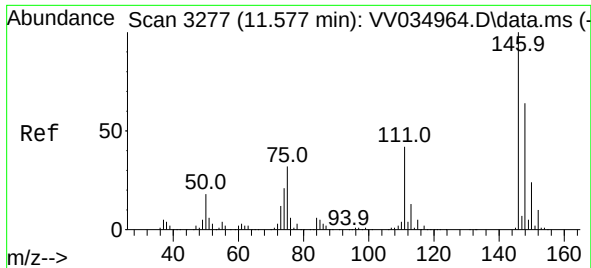
Ion Ratio Lower Upper

146 100

111 39.1 27.4 50.8

148 64.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 55.339 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

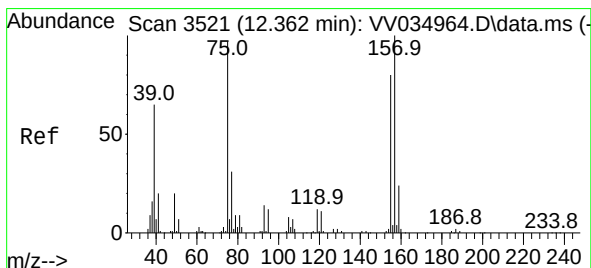
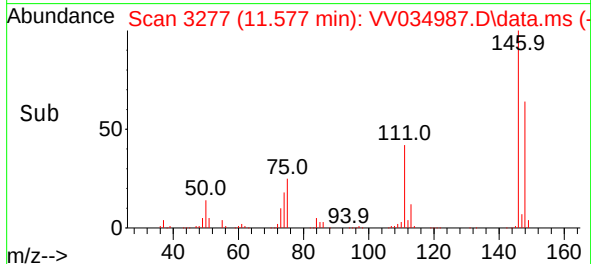
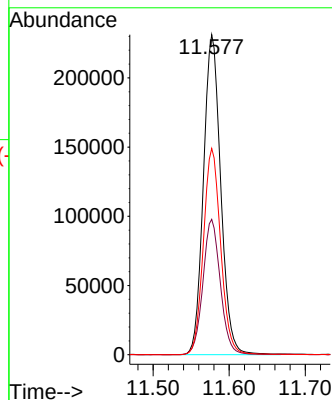
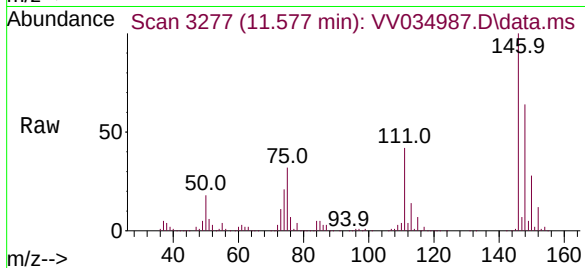
Tgt Ion:146 Resp: 365929

Ion Ratio Lower Upper

146 100

111 42.3 34.6 52.0

148 64.5 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 56.564 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

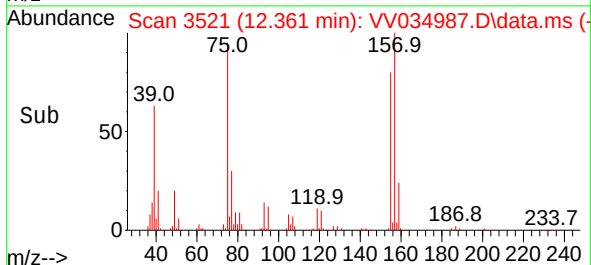
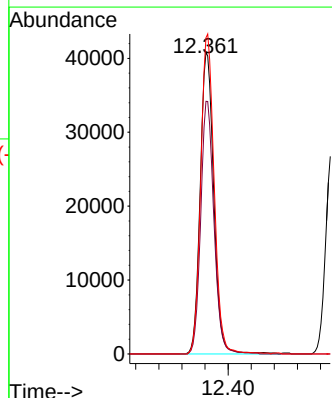
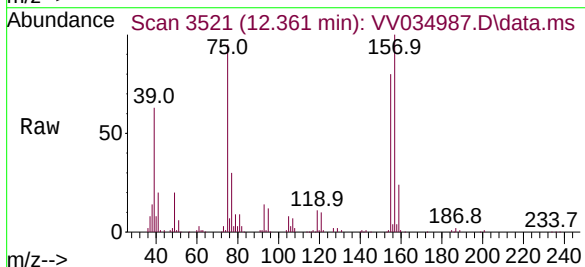
Tgt Ion: 75 Resp: 66534

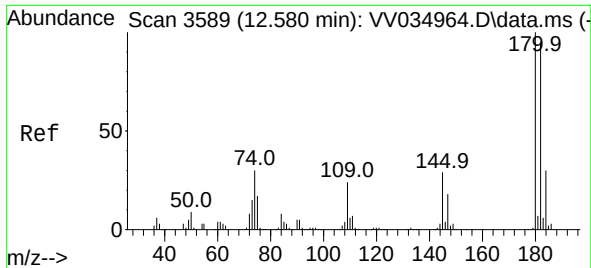
Ion Ratio Lower Upper

75 100

155 83.8 63.0 94.6

157 104.8 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 51.772 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

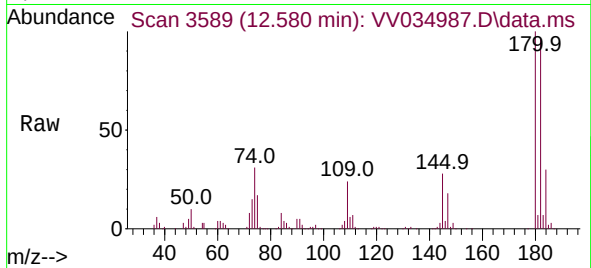
Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 247677

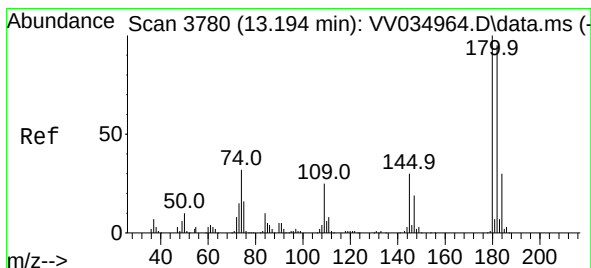
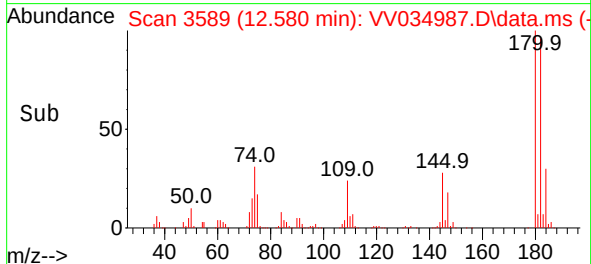
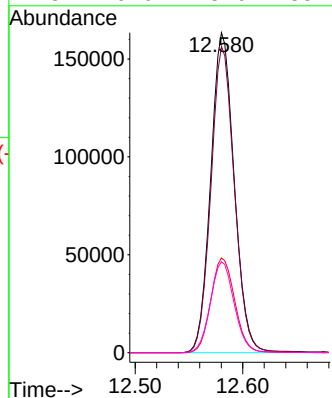
Ion Ratio Lower Upper

180 100

182 95.8 74.7 112.1

184 30.2 24.0 36.0

145 29.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 49.157 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

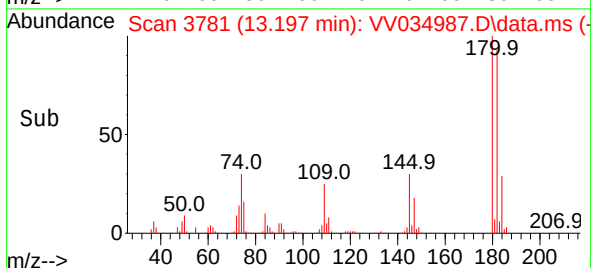
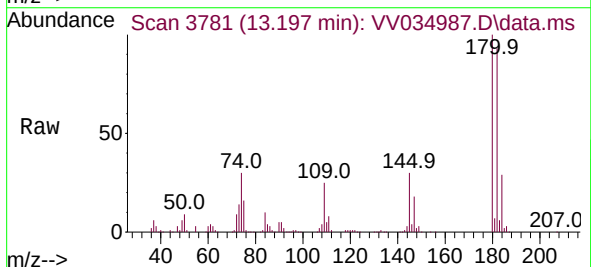
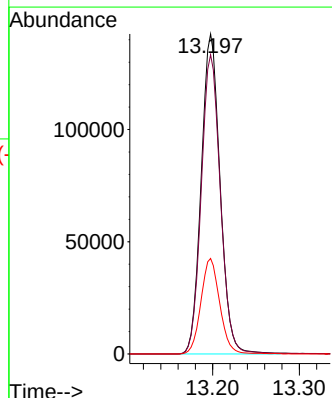
Tgt Ion:180 Resp: 216018

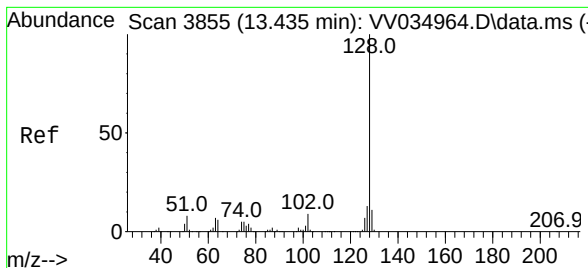
Ion Ratio Lower Upper

180 100

182 94.8 75.6 113.4

145 29.7 24.1 36.1





#71

Naphthalene

Concen: 44.101 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

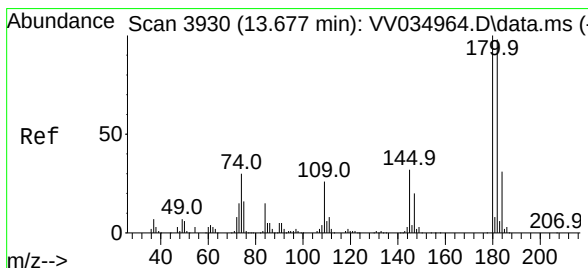
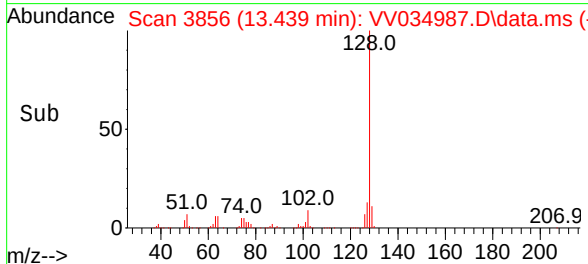
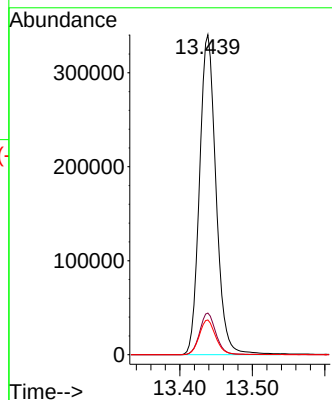
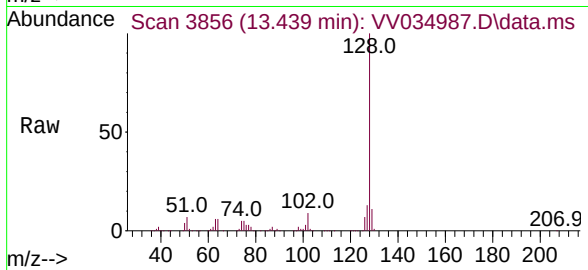
Tgt Ion:128 Resp: 537668

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 51.341 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV034987.D

Acq: 04 Apr 2024 18:45

Tgt Ion:180 Resp: 222392

Ion Ratio Lower Upper

180 100

182 94.3 76.2 114.2

145 31.3 25.8 38.6

