

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041924\
 Data File : VW035320.D
 Acq On : 19 Apr 2024 19:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 22:34:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 22:28:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	418383	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	422581	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	229794	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	130488	32.295	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.580%
7) Chloroethane-d5	1.529	69	121708	34.680	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.360%#
11) 1,1-Dichloroethene-d2	2.056	65	57409	32.413	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.820%
21) 2-Butanone-d5	3.786	46	234264	97.758	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.760%
24) Chloroform-d	4.246	84	311282	45.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.640%
26) 1,2-Dichloroethane-d4	4.941	65	188297	43.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.320%
32) Benzene-d6	4.957	84	579749	40.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.680%
36) 1,2-Dichloropropane-d6	5.986	67	192169	42.633	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.260%
41) Toluene-d8	7.240	98	527327	41.250	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.500%
43) trans-1,3-Dichloroprop...	7.551	79	86978	39.692	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.380%
47) 2-Hexanone-d5	8.024	63	148967	87.411	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.410%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	300061	48.341	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.680%
66) 1,2-Dichlorobenzene-d4	11.558	152	217271	42.112	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	111435	36.749	ug/L	99
3) Chloromethane	1.214	50	136803	35.093	ug/L	99
5) Vinyl chloride	1.282	62	149992	36.702	ug/L	98
6) Bromomethane	1.487	94	87226	28.474	ug/L	98
8) Chloroethane	1.548	64	108315	38.807	ug/L	98
9) Trichlorofluoromethane	1.712	101	215475	40.172	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	137379	41.845	ug/L	97
12) 1,1-Dichloroethene	2.069	96	122768	39.098	ug/L	89
13) Acetone	2.118	43	176374	80.168	ug/L	99
14) Carbon disulfide	2.240	76	308531	34.892	ug/L	100
15) Methyl Acetate	2.372	43	190256	54.877	ug/L	97
16) Methylene chloride	2.446	84	183064	53.806	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	144298	47.533	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	528669	49.580	ug/L	100
19) 1,1-Dichloroethane	3.111	63	321732	51.680	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	175401	50.881	ug/L	95
22) 2-Butanone	3.867	43	247608	96.990	ug/L	99
23) Bromochloromethane	4.146	128	93500	54.211	ug/L	90
25) Chloroform	4.275	83	327866	53.269	ug/L	99

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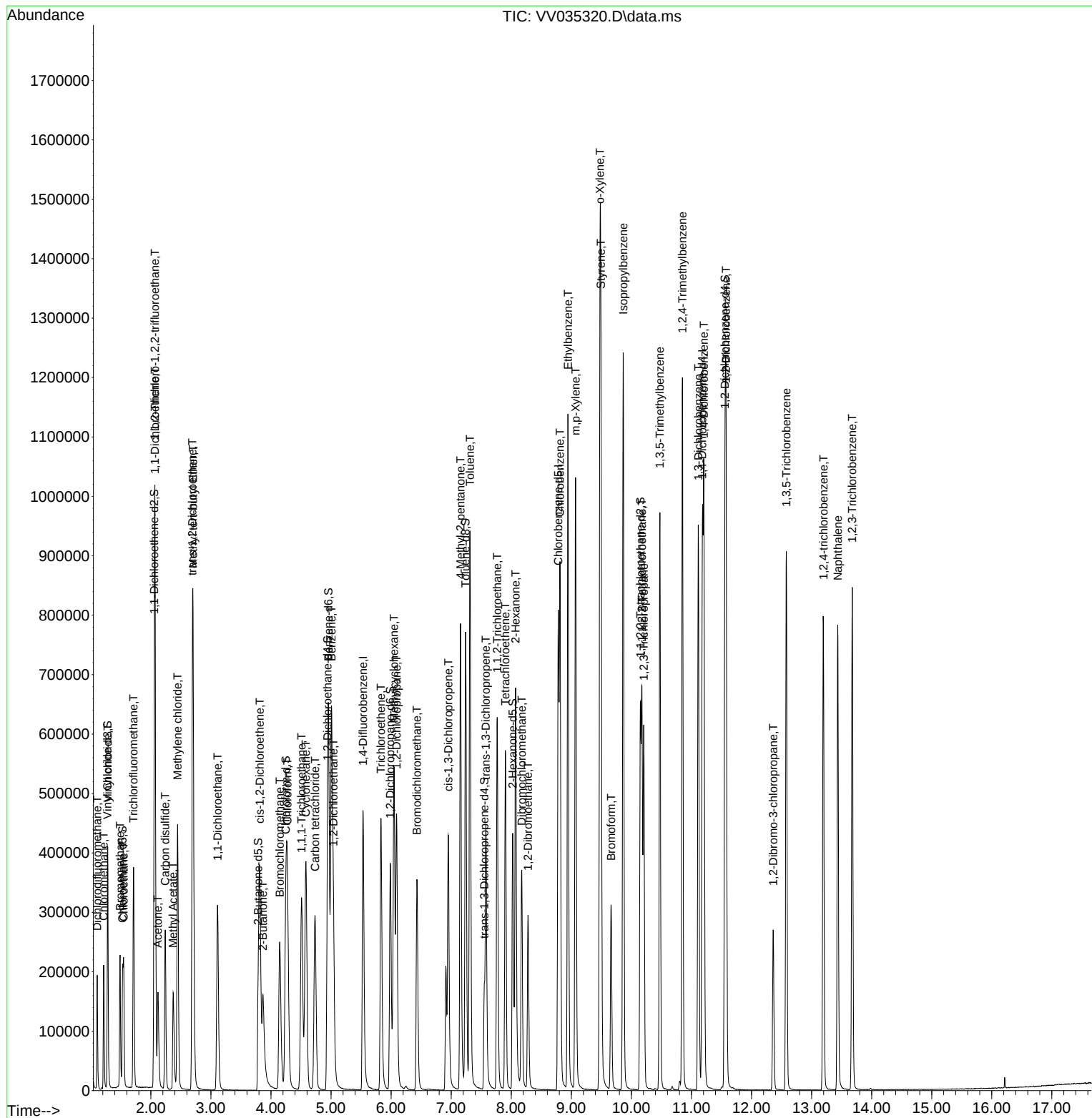
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	250544	51.126	ug/L	97
29) Cyclohexane	4.580	56	208048	39.308	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	271454	49.281	ug/L	99
31) Carbon tetrachloride	4.735	117	230152	49.296	ug/L	99
33) Benzene	5.008	78	658229	47.768	ug/L	100
34) Trichloroethene	5.831	95	168818	45.395	ug/L	98
35) Methylcyclohexane	6.050	83	230627	41.064	ug/L	99
37) 1,2-Dichloropropane	6.092	63	194292	51.021	ug/L	99
38) Bromodichloromethane	6.429	83	249054	50.689	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	277548	46.266	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	502479	103.348	ug/L	99
42) Toluene	7.314	91	701777	48.645	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	264792	48.045	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	194063	54.067	ug/L	98
46) Tetrachloroethene	7.902	164	130553	50.249	ug/L	97
48) 2-Hexanone	8.072	43	413183	99.919	ug/L	96
49) Dibromochloromethane	8.175	129	188358	52.985	ug/L	100
50) 1,2-Dibromoethane	8.278	107	198600	51.394	ug/L	99
51) Chlorobenzene	8.812	112	471969	50.477	ug/L	99
52) Ethylbenzene	8.944	91	771755	48.269	ug/L	100
53) m,p-Xylene	9.072	106	286364	48.635	ug/L	100
54) o-Xylene	9.477	106	286450	49.168	ug/L	99
55) Styrene	9.493	104	520716	52.891	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	326479	56.140	ug/L	100
59) Bromoform	9.664	173	138724	52.679	ug/L	99
60) Isopropylbenzene	9.866	105	784042	47.328	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	246922	49.588	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	504082	46.852	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	630285	47.382	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	383255	49.505	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	395109	50.187	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	396586	51.424	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	66764	48.667	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	278786	49.966	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	248042	48.397	ug/L	99
71) Naphthalene	13.435	128	598075	42.061	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	256788	50.829	ug/L	99

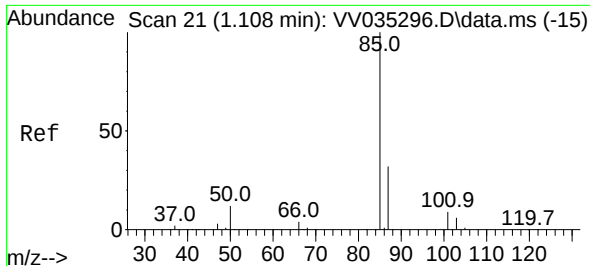
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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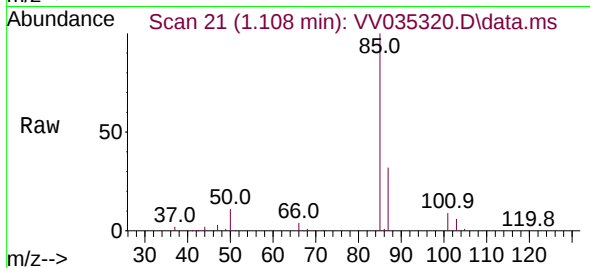
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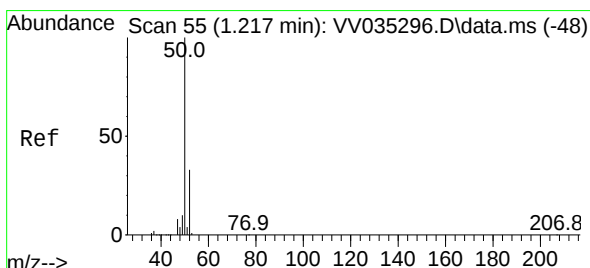
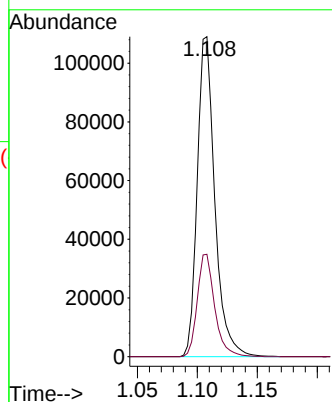
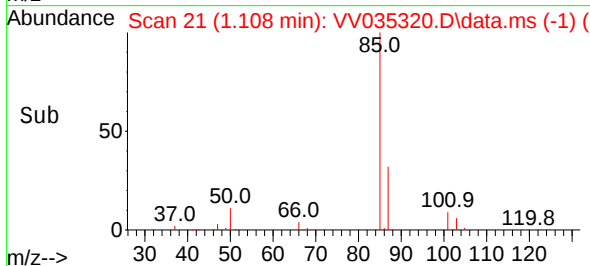


#2
 Dichlorodifluoromethane
 Concen: 36.749 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV035320.D
 Acq: 19 Apr 2024 19:57

Instrument :
 MSVOA_V
 ClientSampleId :

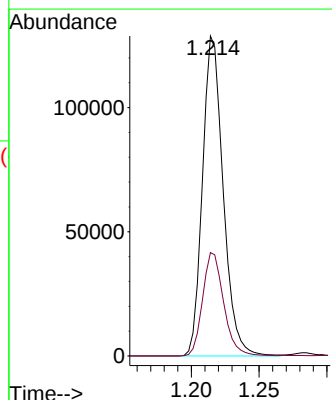
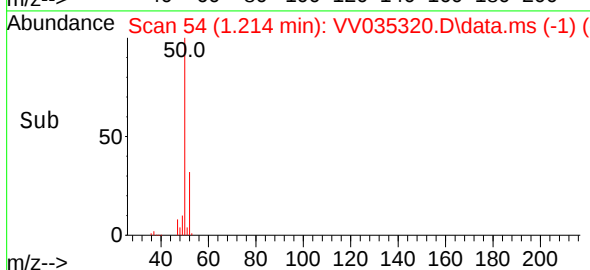
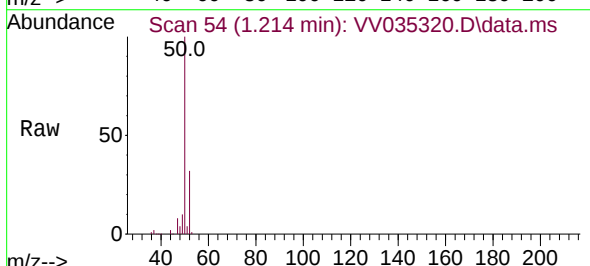


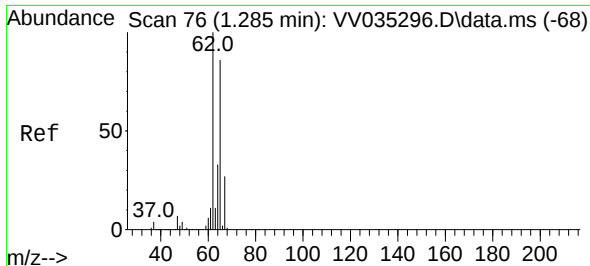
Tgt Ion: 85 Resp: 111435
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.7 38.5



#3
 Chloromethane
 Concen: 35.093 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV035320.D
 Acq: 19 Apr 2024 19:57

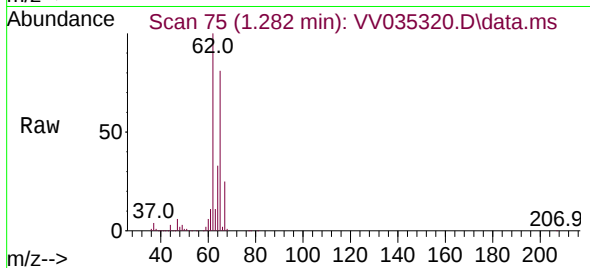
Tgt Ion: 50 Resp: 136803
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.0 42.8



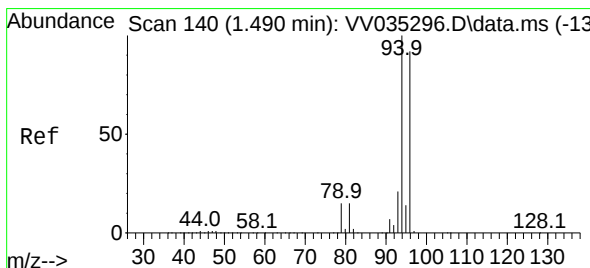
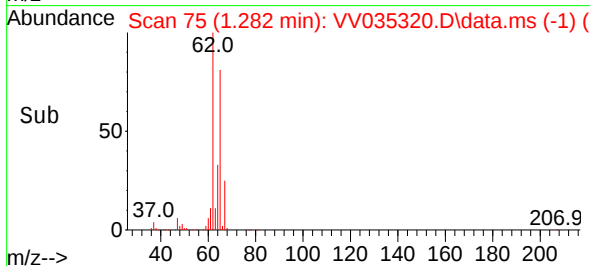
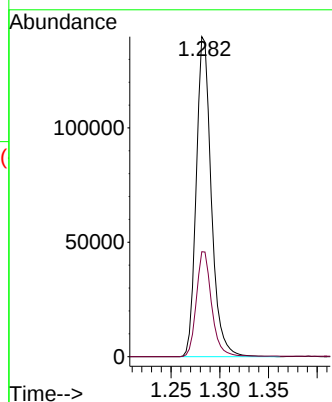


#5
 Vinyl chloride
 Concen: 36.702 ug/L
 RT: 1.282 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV035320.D
 Acq: 19 Apr 2024 19:57

Instrument :
 MSVOA_V
 ClientSampleId :

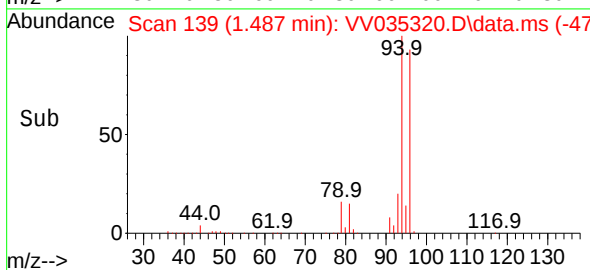
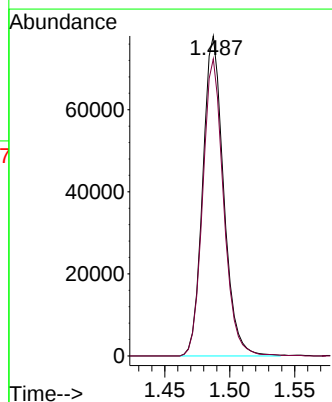
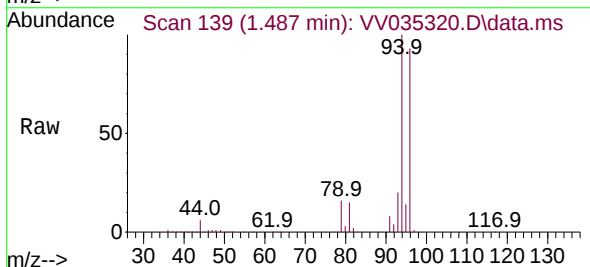


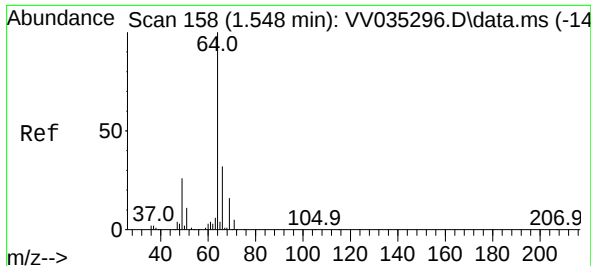
Tgt Ion: 62 Resp: 149992
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.6 43.8



#6
 Bromomethane
 Concen: 28.474 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV035320.D
 Acq: 19 Apr 2024 19:57

Tgt Ion: 94 Resp: 87226
 Ion Ratio Lower Upper
 94 100
 96 92.8 66.3 123.1

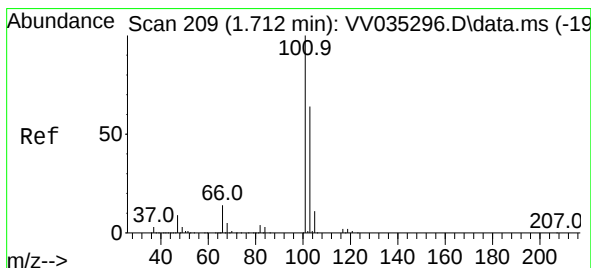
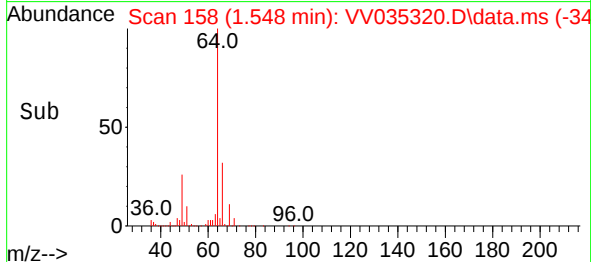
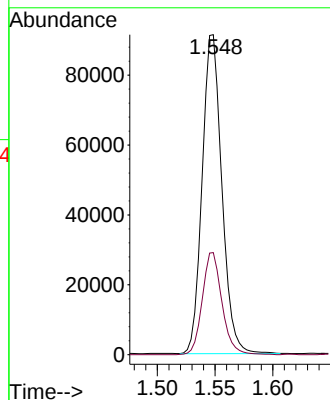
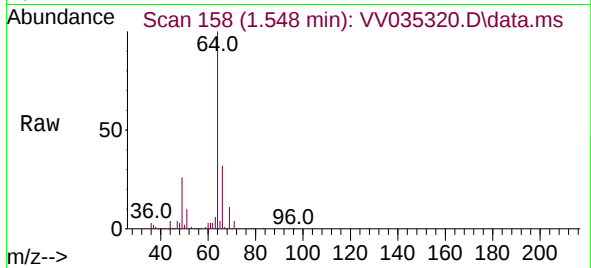




#8
Chloroethane
Concen: 38.807 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

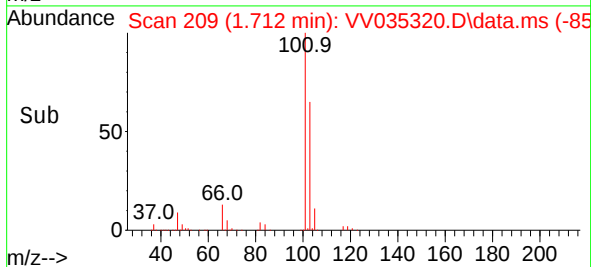
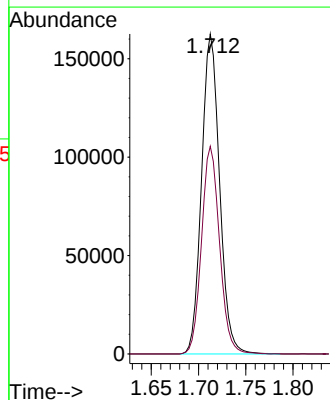
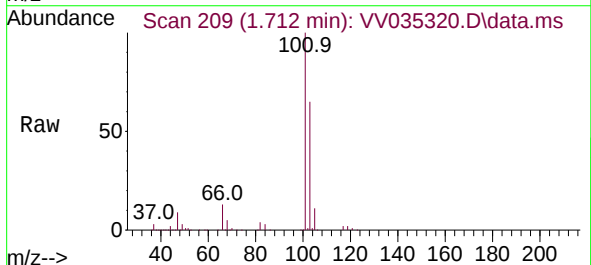
Instrument :
MSVOA_V
ClientSampleId :

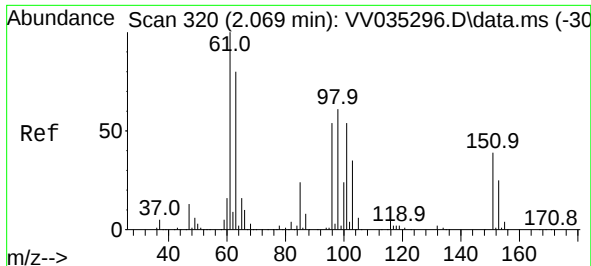
Tgt Ion: 64 Resp: 108315
Ion Ratio Lower Upper
64 100
66 31.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 40.172 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

Tgt Ion:101 Resp: 215475
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4





#10

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

Concen: 41.845 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :

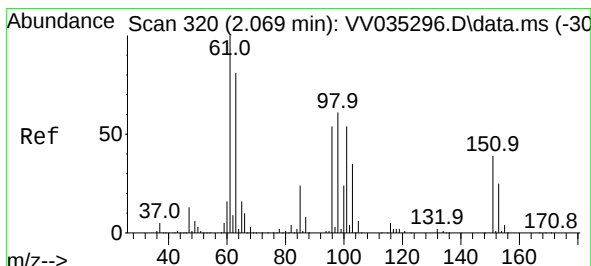
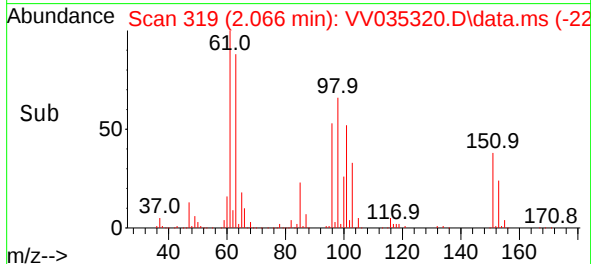
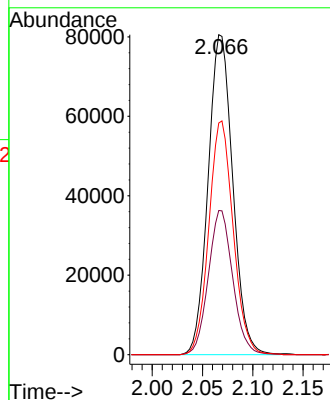
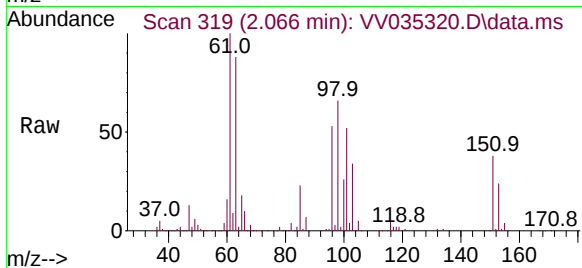
Tgt Ion:101 Resp: 137379

Ion Ratio Lower Upper

101 100

85 44.5 35.3 52.9

151 72.2 55.0 82.4



#12

1,1-Dichloroethene

Concen: 39.098 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

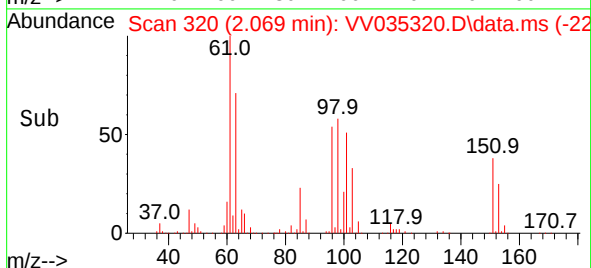
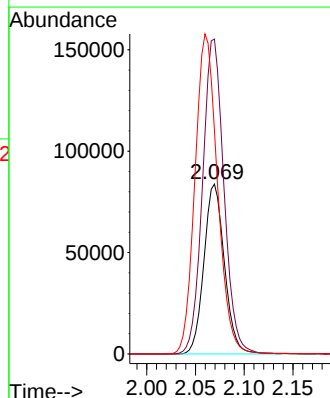
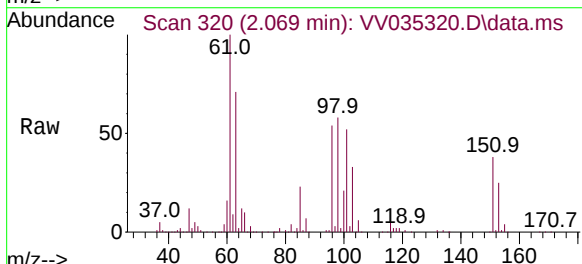
Tgt Ion: 96 Resp: 122768

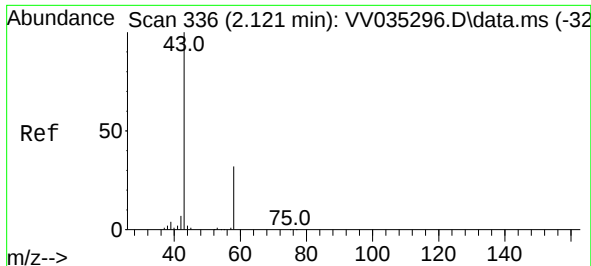
Ion Ratio Lower Upper

96 100

61 185.3 131.5 244.3

63 131.7 111.4 206.8





#13

Acetone

Concen: 80.168 ug/L

RT: 2.118 min Scan# 341

Delta R.T. -0.003 min

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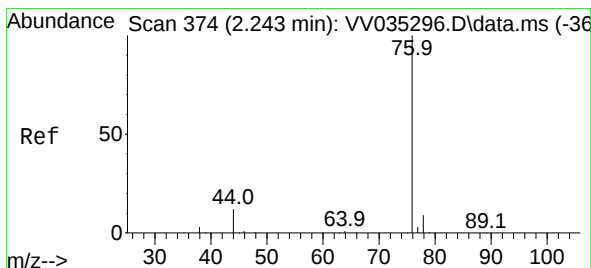
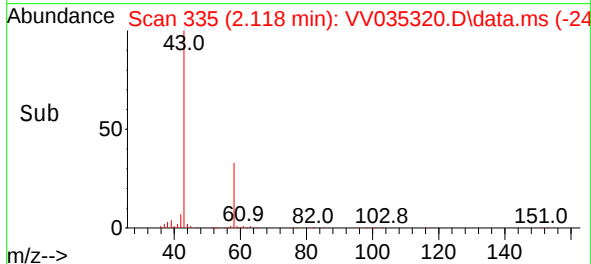
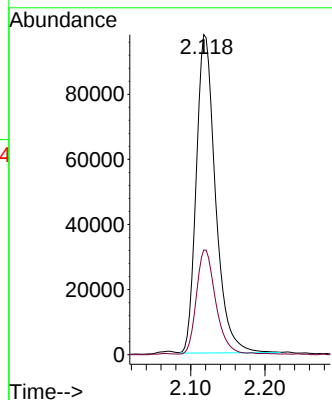
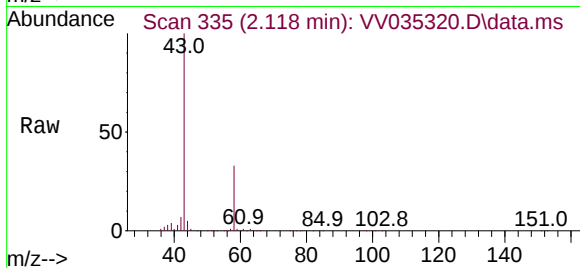
ClientSampleId :

Tgt Ion: 43 Resp: 176374

Ion Ratio Lower Upper

43 100

58 32.7 0.0 66.0



#14

Carbon disulfide

Concen: 34.892 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV035320.D

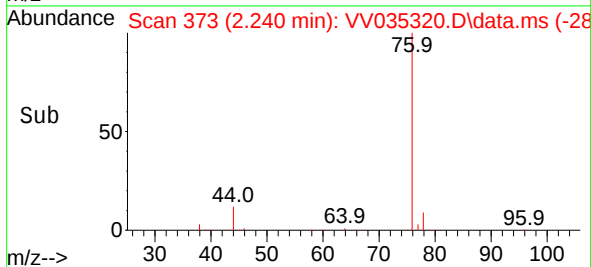
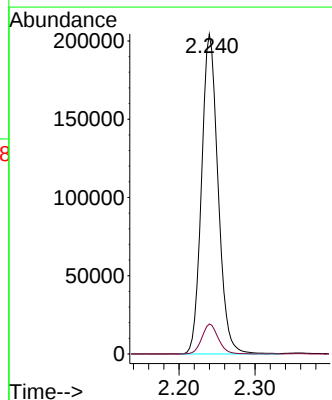
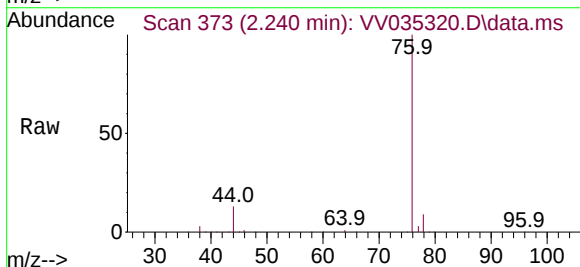
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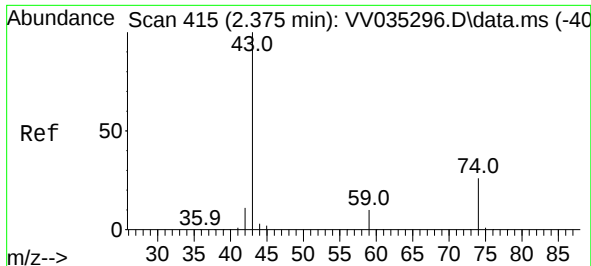
Tgt Ion: 76 Resp: 308531

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0





#15

Methyl Acetate

Concen: 54.877 ug/L

RT: 2.372 min Scan# 415

Delta R.T. -0.003 min

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MSVOA_V

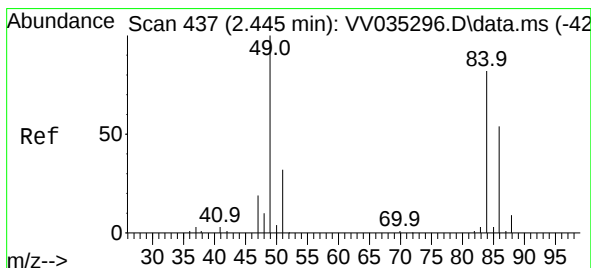
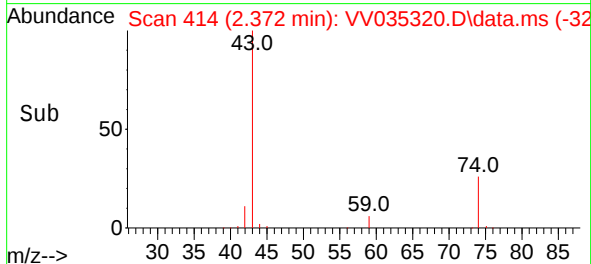
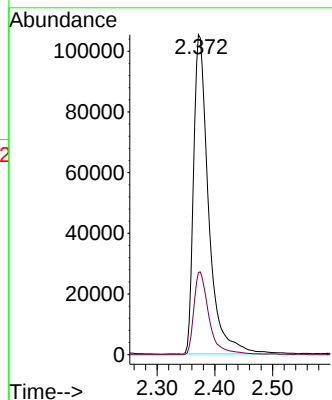
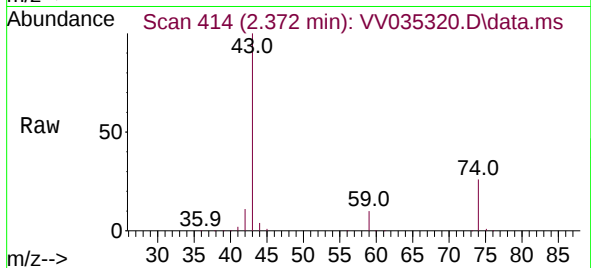
ClientSampleId :

Tgt Ion: 43 Resp: 190256

Ion Ratio Lower Upper

43 100

74 26.1 19.8 29.8



#16

Methylene chloride

Concen: 53.806 ug/L

RT: 2.446 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

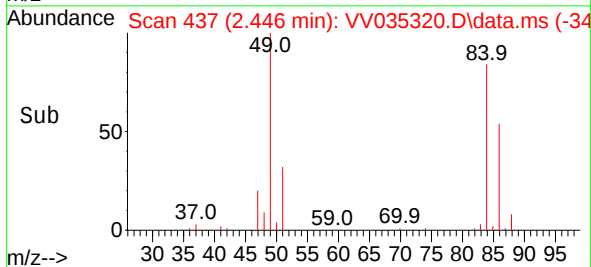
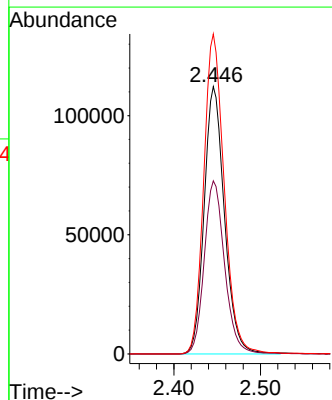
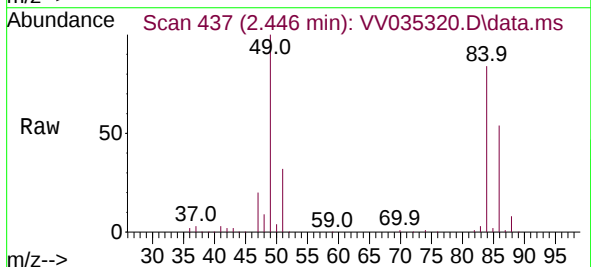
Tgt Ion: 84 Resp: 183064

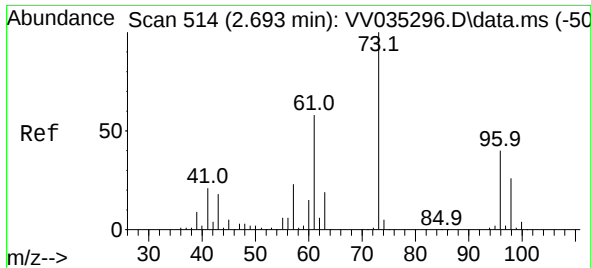
Ion Ratio Lower Upper

84 100

86 64.7 44.6 82.8

49 119.7 86.9 161.3

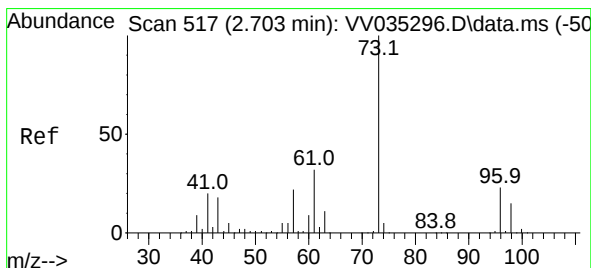
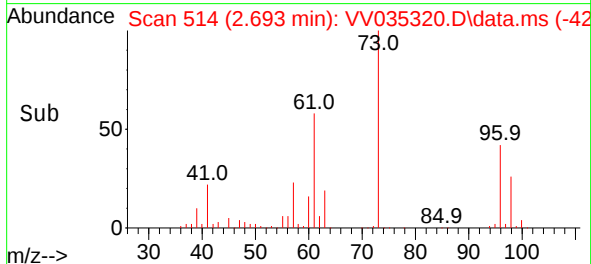
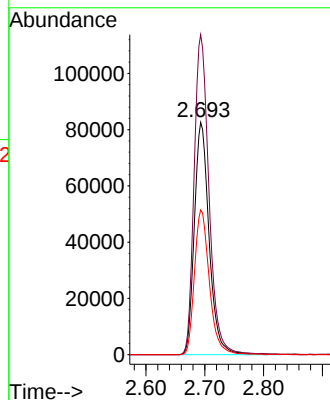
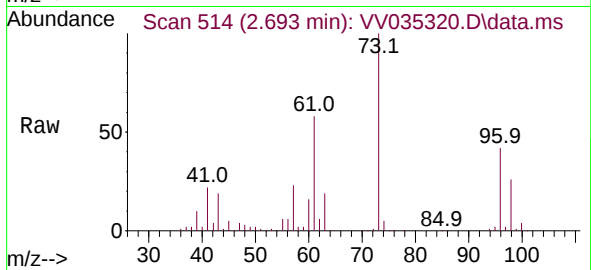




#17
trans-1,2-Dichloroethene
Concen: 47.533 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

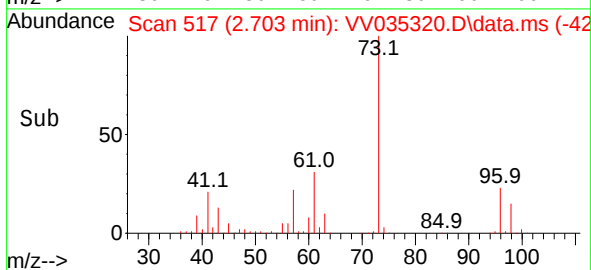
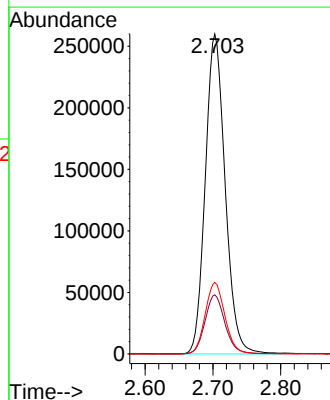
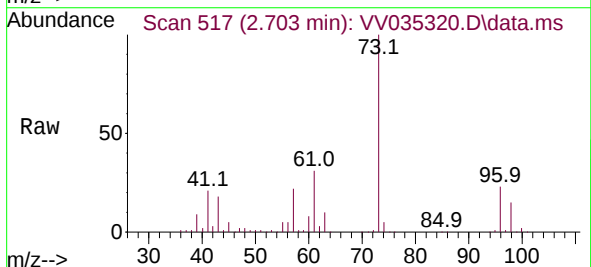
Instrument :
MSVOA_V
ClientSampleId :

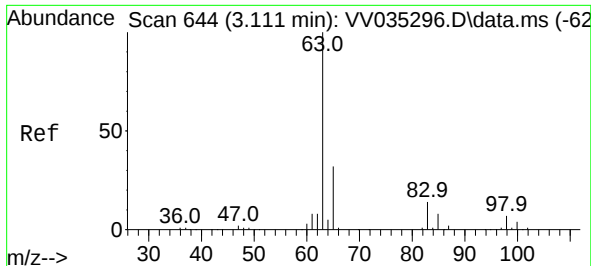
Tgt Ion: 96 Resp: 144298
Ion Ratio Lower Upper
96 100
61 137.7 99.0 183.8
98 62.3 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 49.580 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

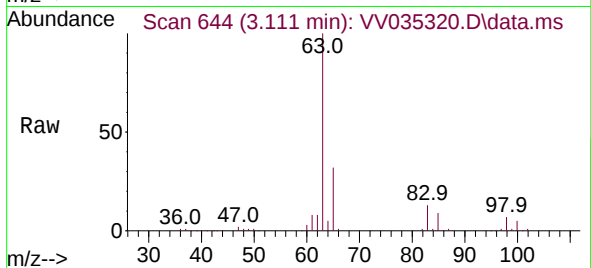
Tgt Ion: 73 Resp: 528669
Ion Ratio Lower Upper
73 100
43 18.3 14.6 21.8
57 22.3 17.6 26.4



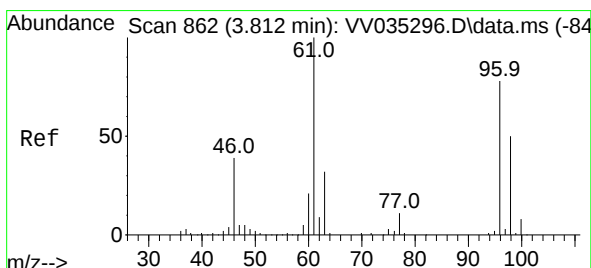
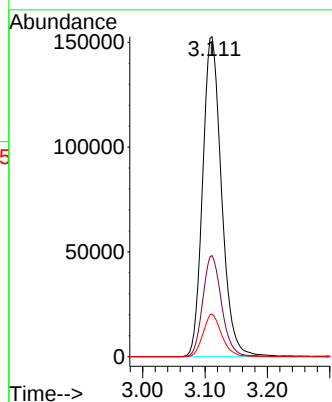
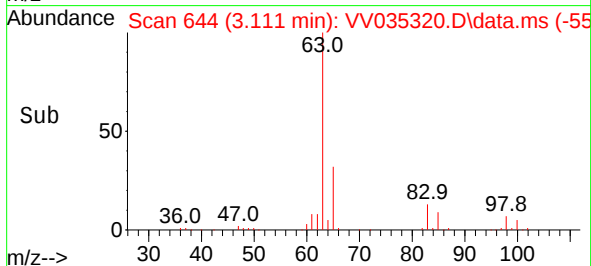


#19
1,1-Dichloroethane
Concen: 51.680 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

Instrument :
MSVOA_V
ClientSampleId :

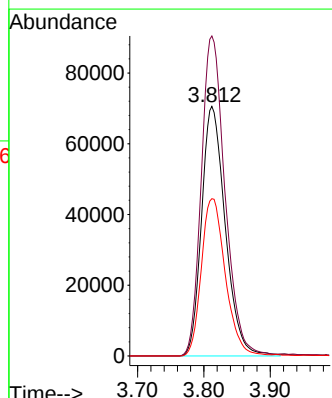
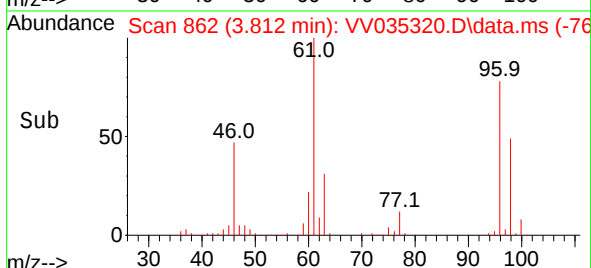
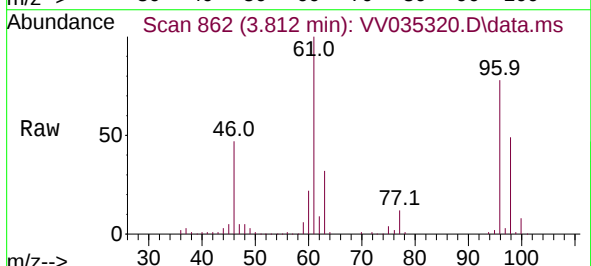


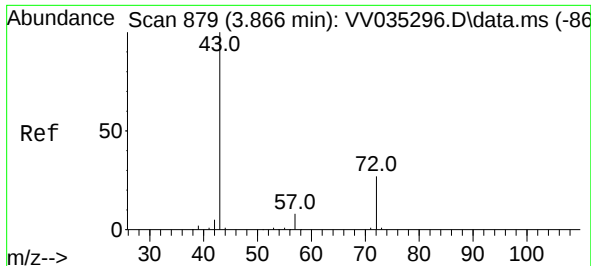
Tgt Ion: 63 Resp: 321732
Ion Ratio Lower Upper
63 100
65 31.6 23.0 42.6
83 13.3 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 50.881 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

Tgt Ion: 96 Resp: 175401
Ion Ratio Lower Upper
96 100
61 128.2 94.9 176.3
98 63.0 45.6 84.8

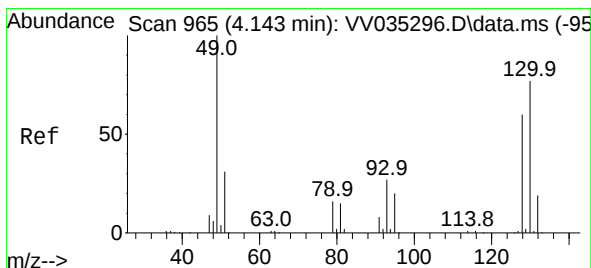
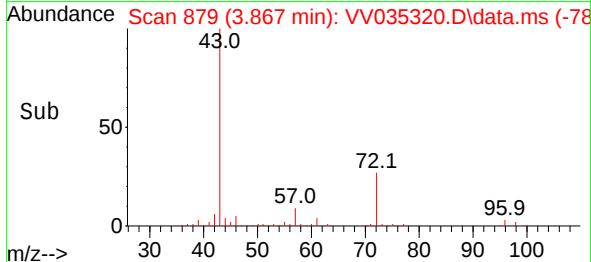
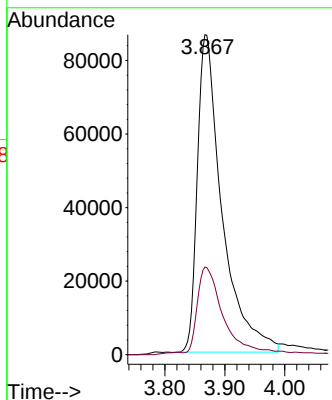
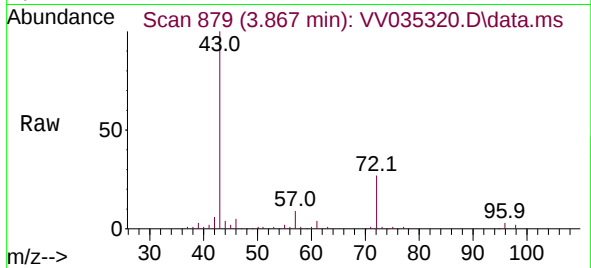




#22
2-Butanone
Concen: 96.990 ug/L
RT: 3.867 min Scan# 81
Delta R.T. 0.000 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

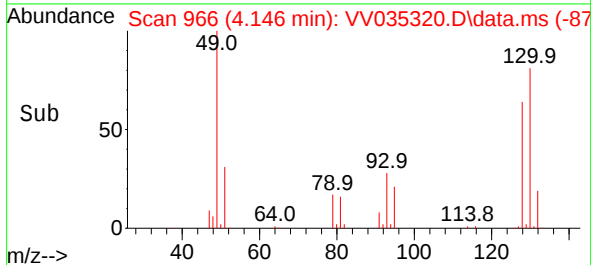
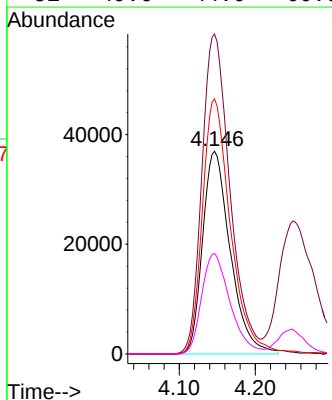
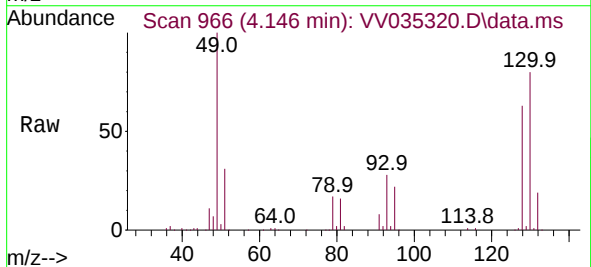
Instrument :
MSVOA_V
ClientSampleId :

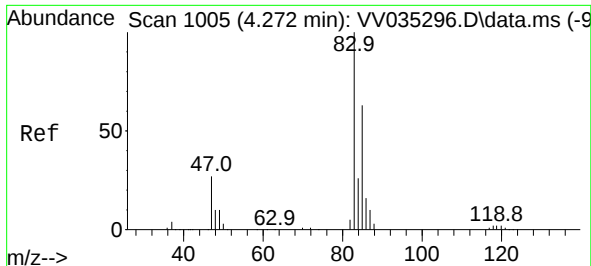
Tgt Ion: 43 Resp: 247608
Ion Ratio Lower Upper
43 100
72 26.9 13.2 39.6



#23
Bromochloromethane
Concen: 54.211 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

Tgt Ion:128 Resp: 93500
Ion Ratio Lower Upper
128 100
49 157.8 123.8 229.8
130 125.8 93.2 173.0
51 49.6 44.0 66.0





#25

Chloroform

Concen: 53.269 ug/L

RT: 4.275 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

Instrument :

MSVOA_V

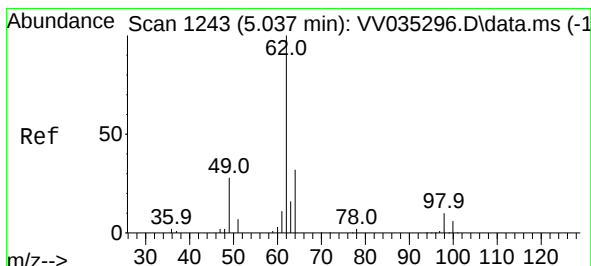
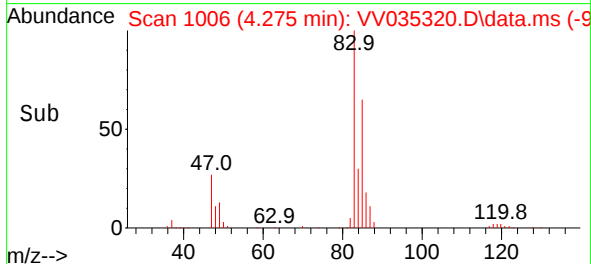
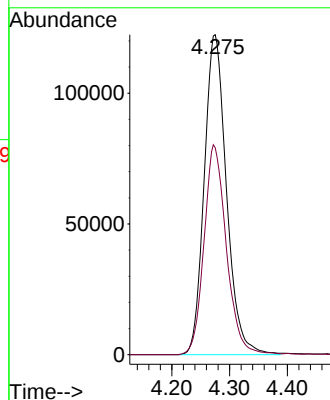
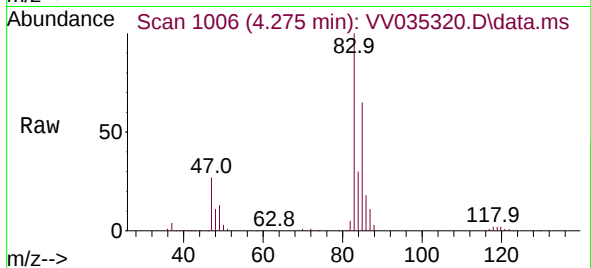
ClientSampleId :

Tgt Ion: 83 Resp: 327866

Ion Ratio Lower Upper

83 100

85 64.7 46.0 85.4



#27

1,2-Dichloroethane

Concen: 51.126 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV035320.D

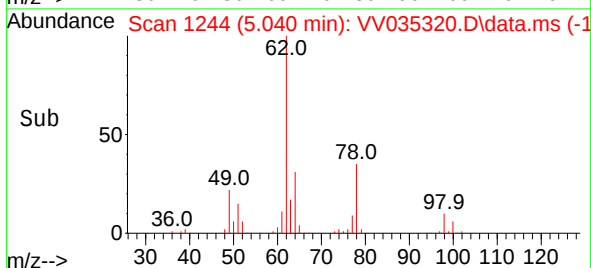
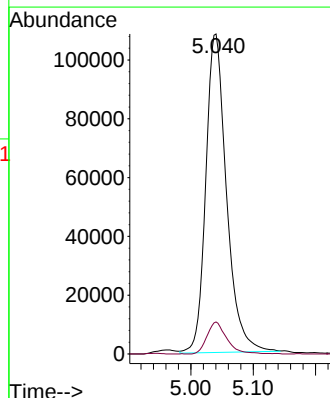
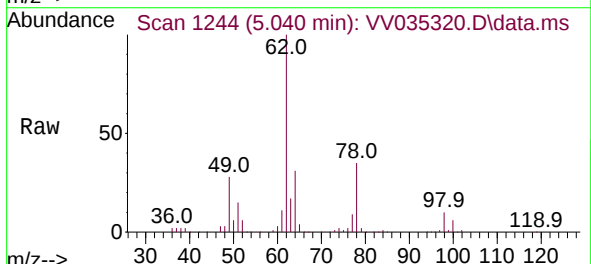
Acq: 19 Apr 2024 19:57

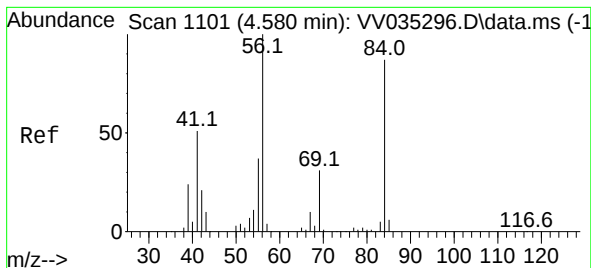
Tgt Ion: 62 Resp: 250544

Ion Ratio Lower Upper

62 100

98 10.0 7.2 10.8





#29

Cyclohexane

Concen: 39.308 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :

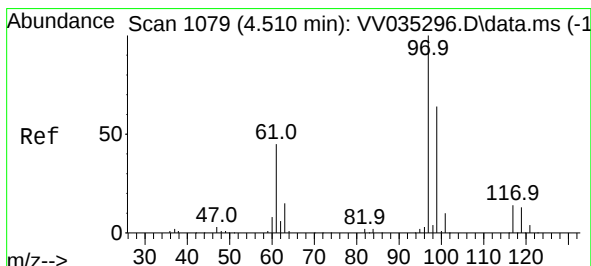
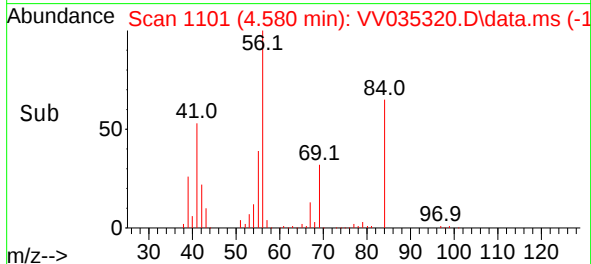
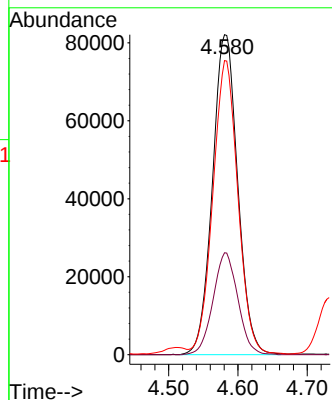
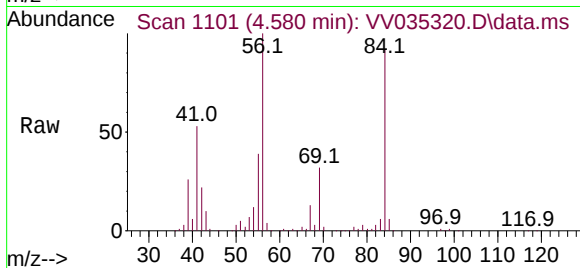
Tgt Ion: 56 Resp: 208048

Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.2

84 90.8 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 49.281 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

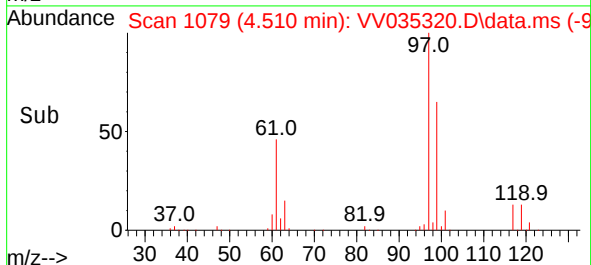
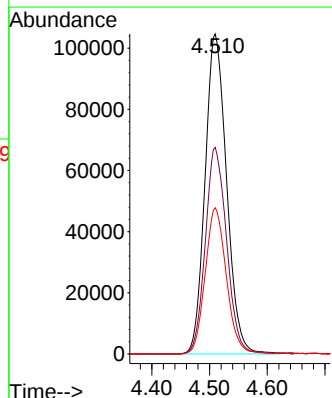
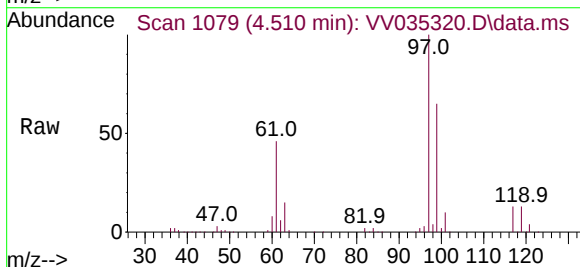
Tgt Ion: 97 Resp: 271454

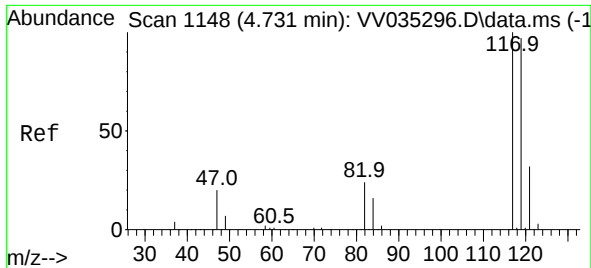
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.4

61 45.1 36.8 55.2

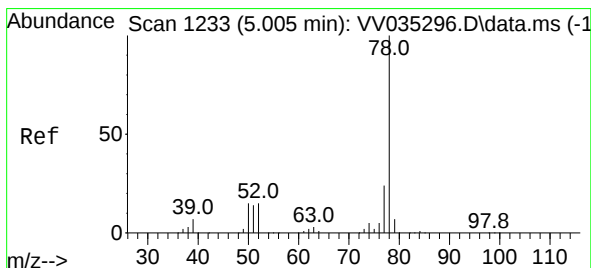
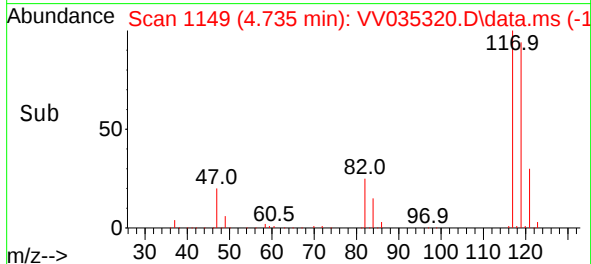
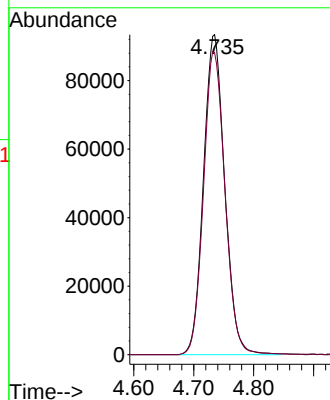
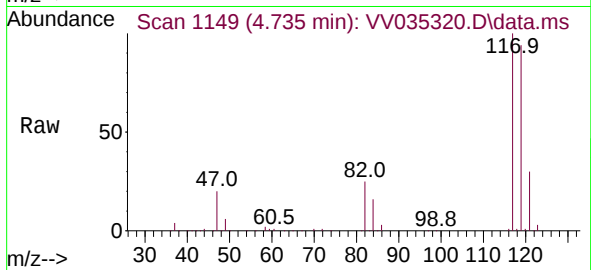




#31
Carbon tetrachloride
Concen: 49.296 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

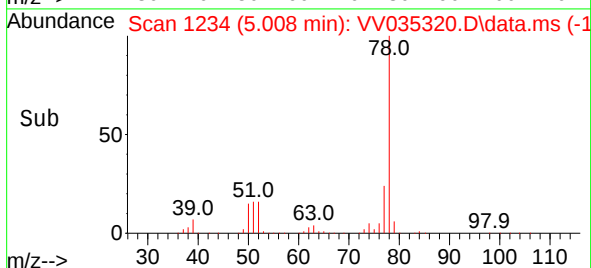
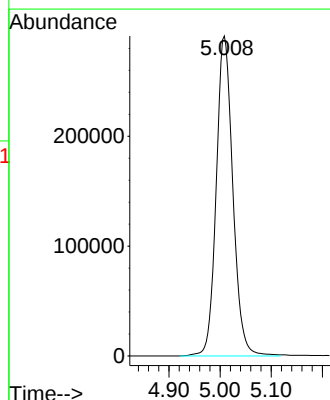
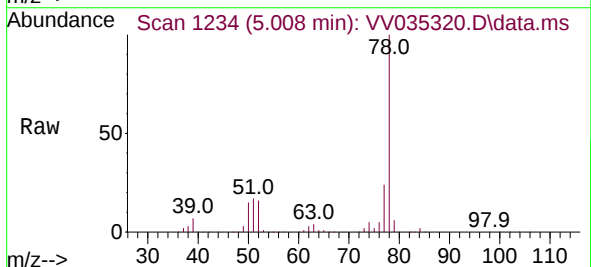
Instrument :
MSVOA_V
ClientSampleId :

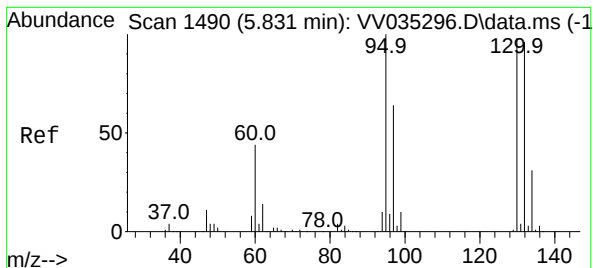
Tgt Ion:117 Resp: 230152
Ion Ratio Lower Upper
117 100
119 95.6 77.1 115.7



#33
Benzene
Concen: 47.768 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

Tgt Ion: 78 Resp: 658229





#34

Trichloroethene

Concen: 45.395 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 168818

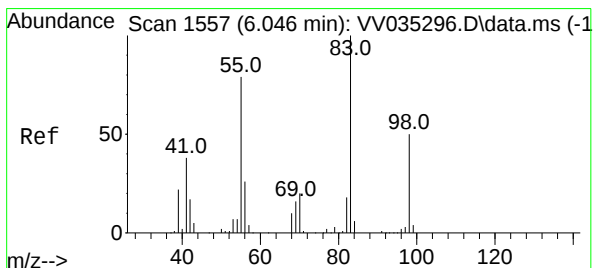
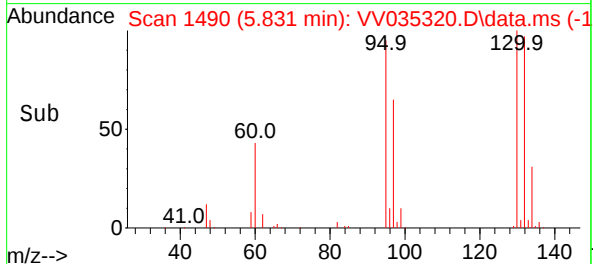
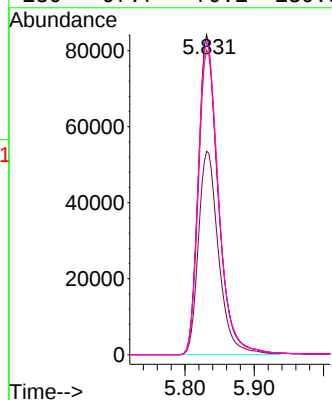
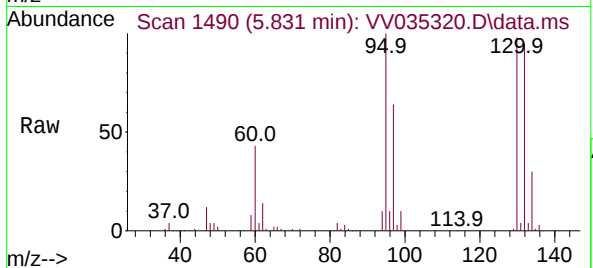
Ion Ratio Lower Upper

95 100

97 63.6 45.3 84.1

132 95.1 65.3 121.3

130 97.7 70.1 130.3



#35

Methylcyclohexane

Concen: 41.064 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

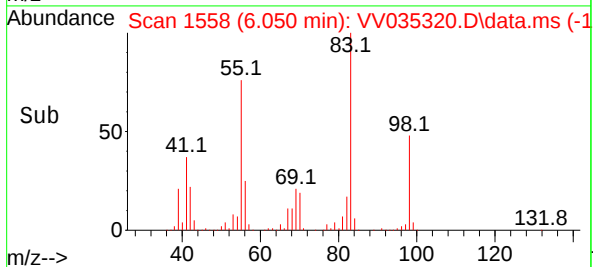
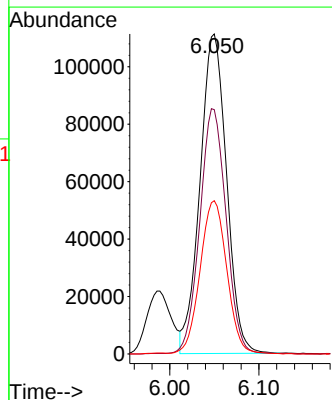
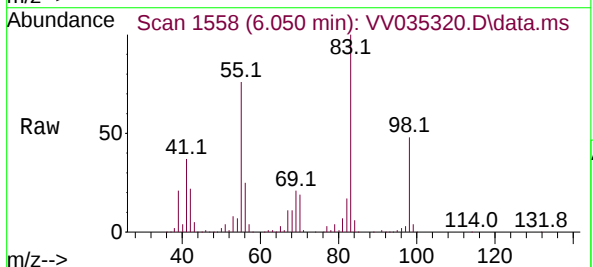
Tgt Ion: 83 Resp: 230627

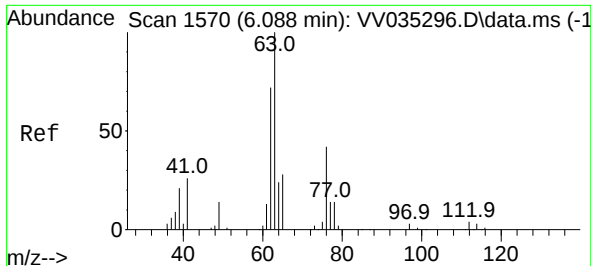
Ion Ratio Lower Upper

83 100

55 75.9 60.0 90.0

98 48.4 37.6 56.4

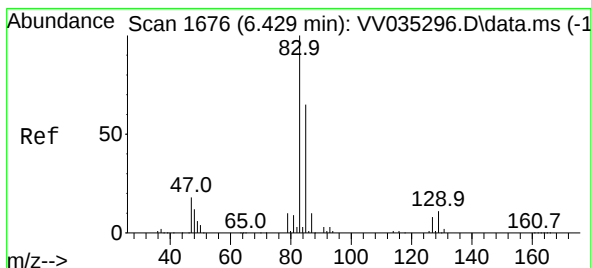
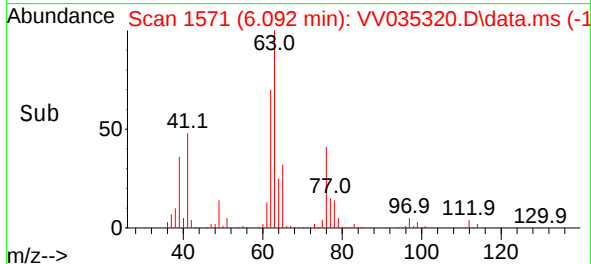
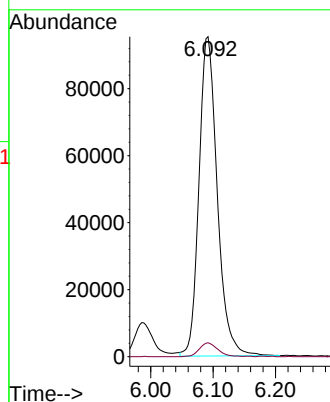
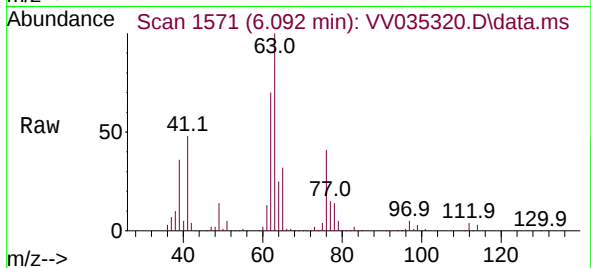




#37
1,2-Dichloropropane
Concen: 51.021 ug/L
RT: 6.092 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

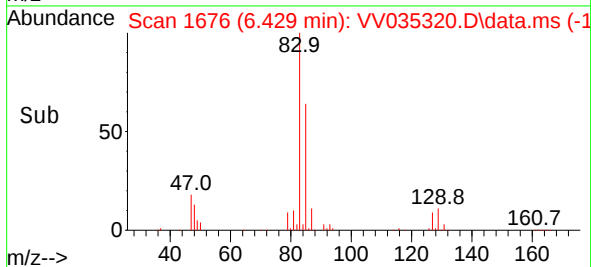
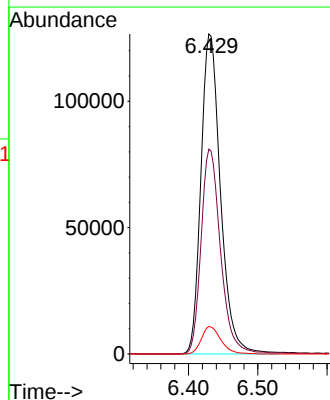
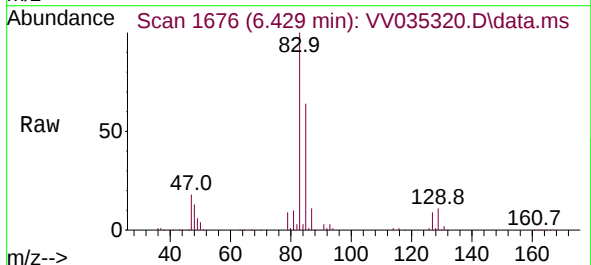
Instrument :
MSVOA_V
ClientSampleId :

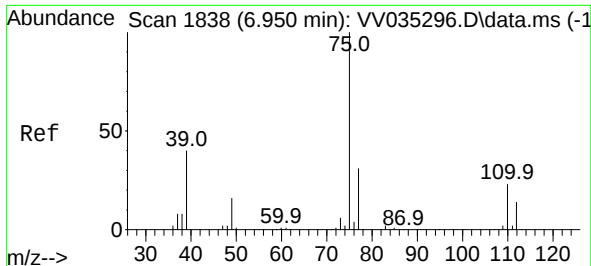
Tgt Ion: 63 Resp: 194292
Ion Ratio Lower Upper
63 100
112 4.4 3.3 4.9



#38
Bromodichloromethane
Concen: 50.689 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

Tgt Ion: 83 Resp: 249054
Ion Ratio Lower Upper
83 100
85 64.0 43.7 81.1
127 8.6 6.4 9.6

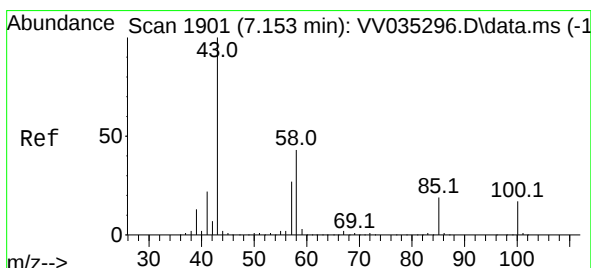
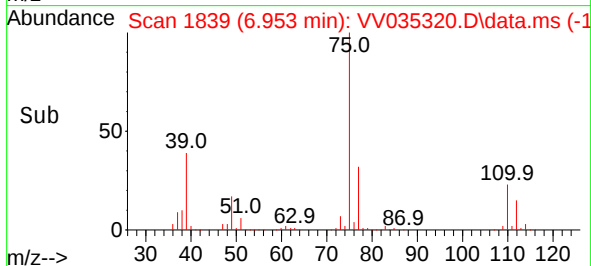
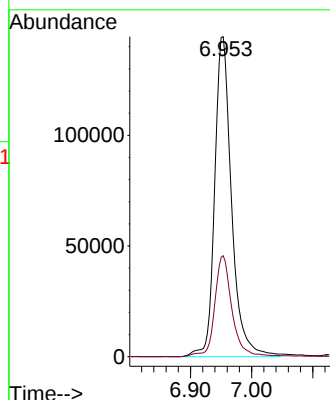
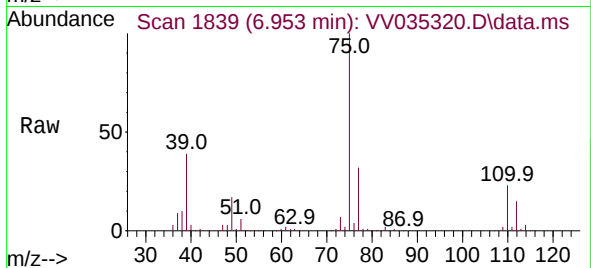




#39
cis-1,3-Dichloropropene
Concen: 46.266 ug/L
RT: 6.953 min Scan# 1839
Delta R.T. 0.003 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

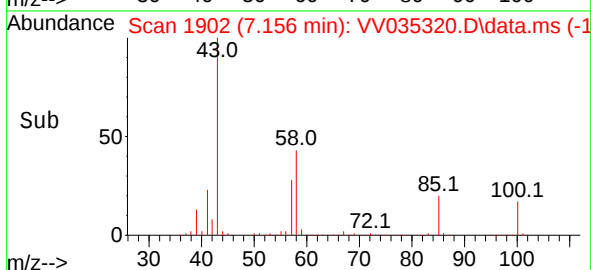
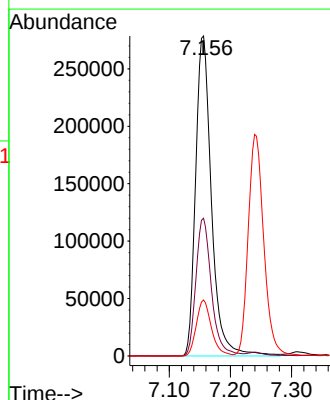
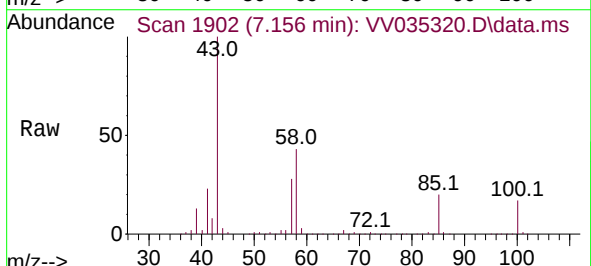
Instrument :
MSVOA_V
ClientSampleId :

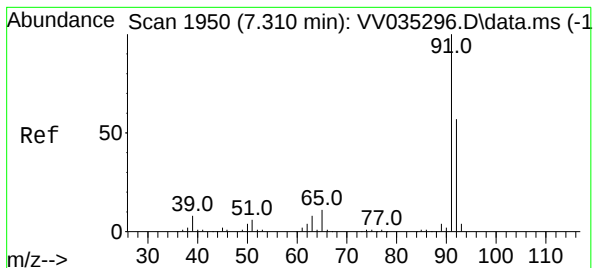
Tgt Ion: 75 Resp: 277548
Ion Ratio Lower Upper
75 100
77 31.5 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 103.348 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

Tgt Ion: 43 Resp: 502479
Ion Ratio Lower Upper
43 100
58 42.0 33.8 50.8
100 16.6 13.0 19.4





#42

Toluene

Concen: 48.645 ug/L

RT: 7.314 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

Instrument :

MSVOA_V

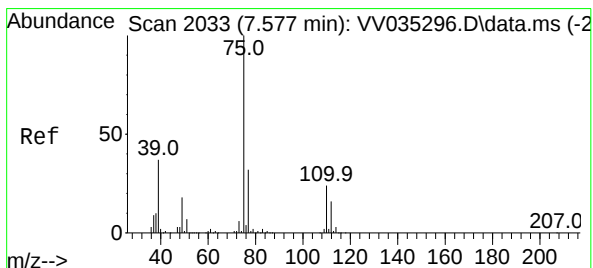
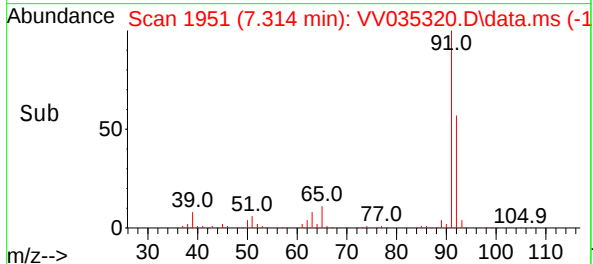
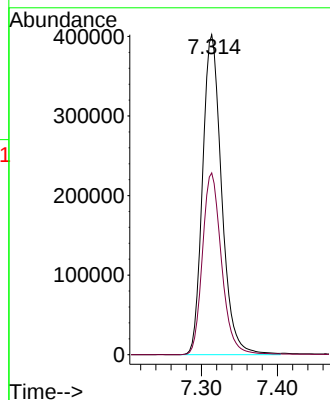
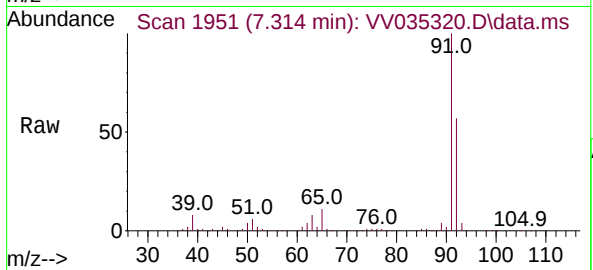
ClientSampleId :

Tgt Ion: 91 Resp: 701777

Ion Ratio Lower Upper

91 100

92 56.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 48.045 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035320.D

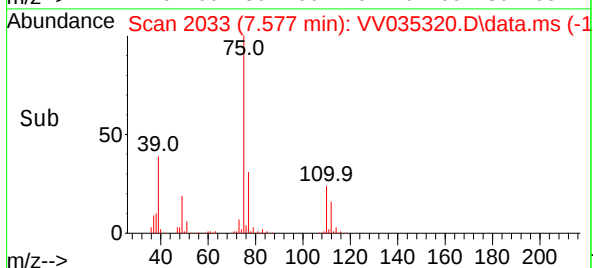
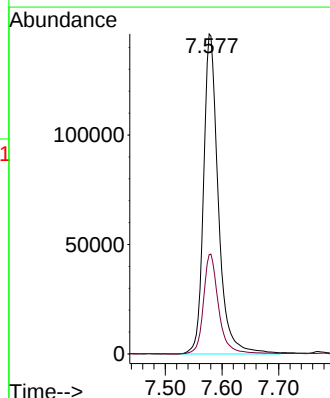
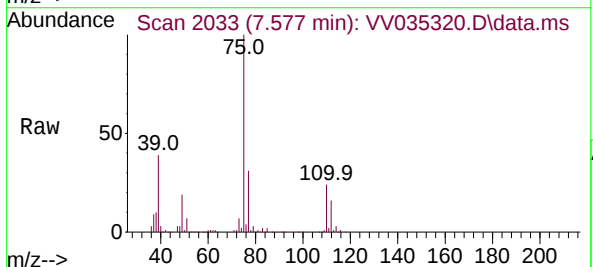
Acq: 19 Apr 2024 19:57

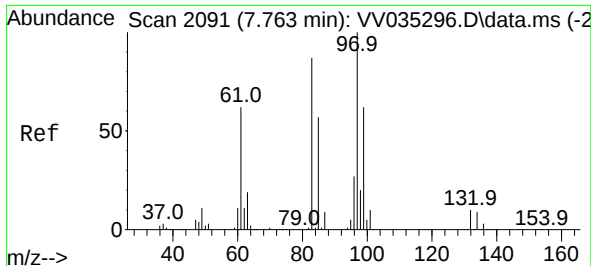
Tgt Ion: 75 Resp: 264792

Ion Ratio Lower Upper

75 100

77 31.1 21.7 40.3

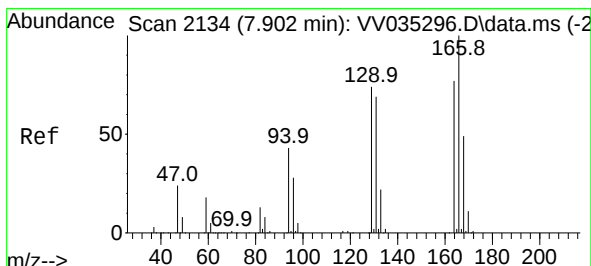
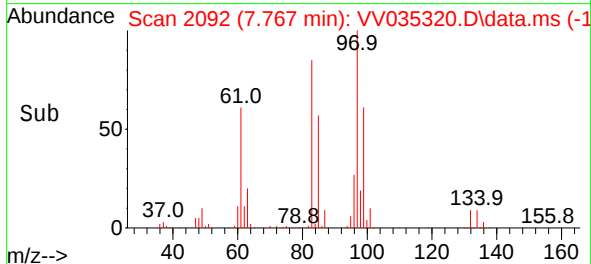
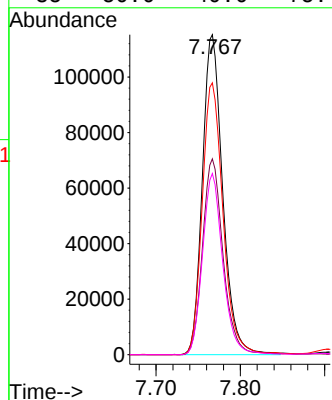
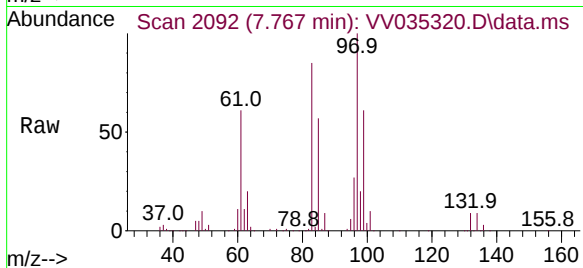




#45
1,1,2-Trichloroethane
Concen: 54.067 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

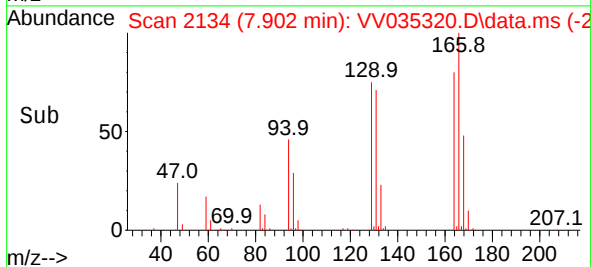
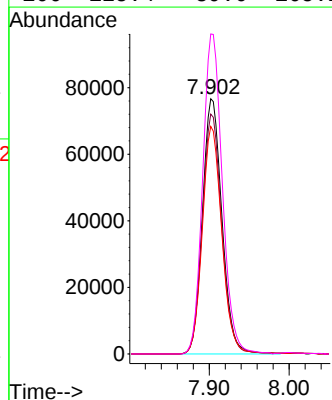
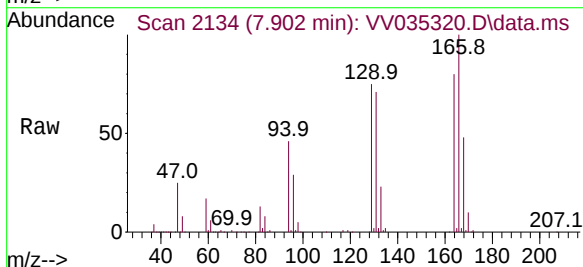
Instrument :
MSVOA_V
ClientSampleId :

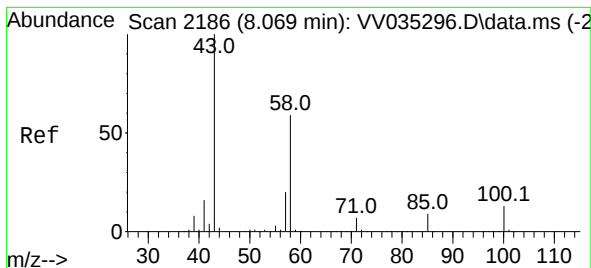
Tgt Ion:	97	Resp:	194063
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.3	80.3
83	84.9	61.6	114.4
85	56.6	40.6	75.4



#46
Tetrachloroethene
Concen: 50.249 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

Tgt Ion:	164	Resp:	130553
Ion	Ratio	Lower	Upper
164	100		
129	94.0	68.6	127.4
131	89.2	65.7	122.1
166	125.4	89.0	165.2





#48

2-Hexanone

Concen: 99.919 ug/L

RT: 8.072 min Scan# 2186

Delta R.T. 0.003 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 413183

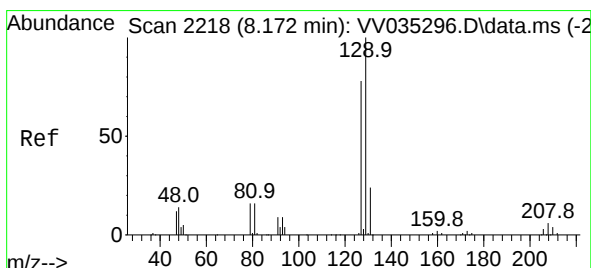
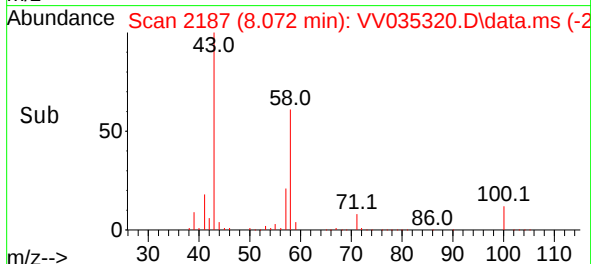
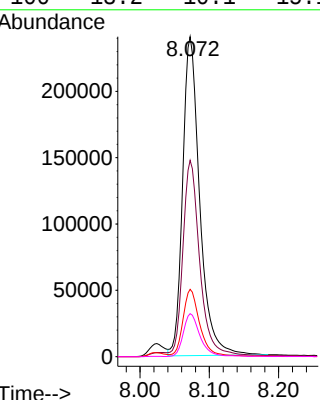
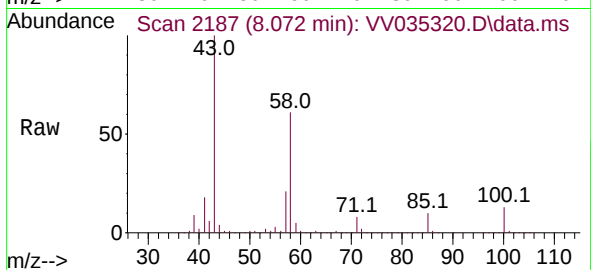
Ion Ratio Lower Upper

43 100

58 60.6 45.4 68.2

57 20.6 16.2 24.4

100 13.2 10.1 15.1



#49

Dibromochloromethane

Concen: 52.985 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.003 min

Lab File: VV035320.D

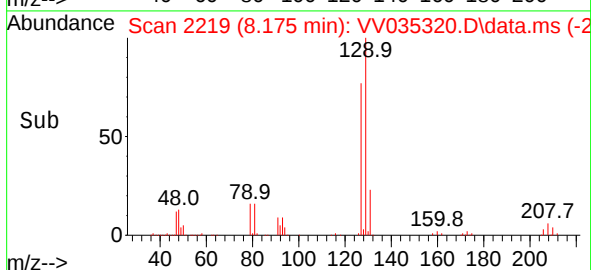
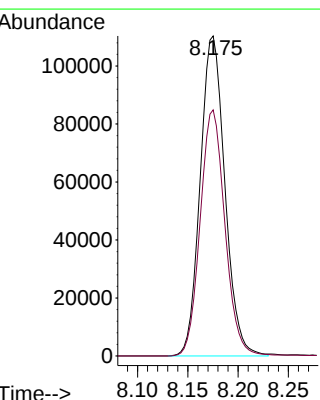
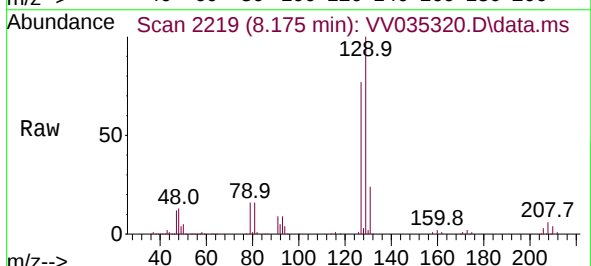
Acq: 19 Apr 2024 19:57

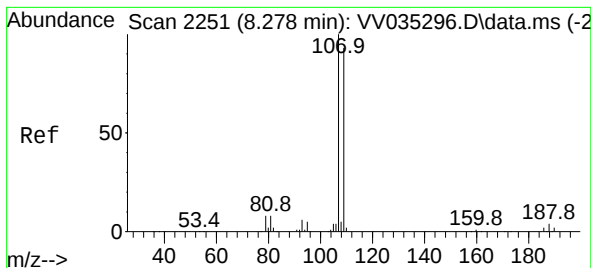
Tgt Ion:129 Resp: 188358

Ion Ratio Lower Upper

129 100

127 76.9 54.1 100.5





#50

1,2-Dibromoethane

Concen: 51.394 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.000 min

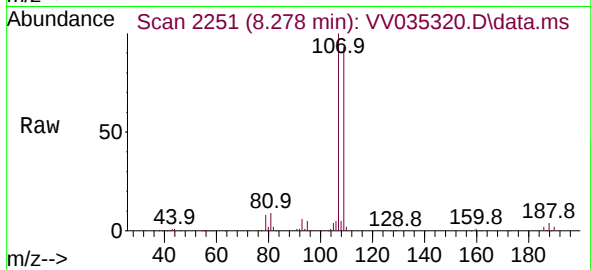
Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :



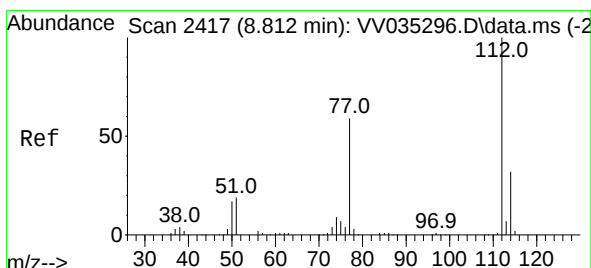
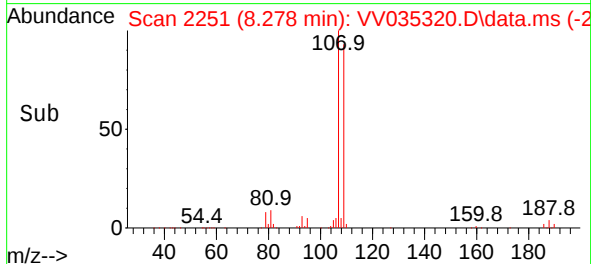
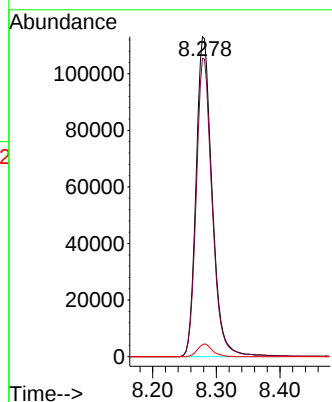
Tgt Ion:107 Resp: 198600

Ion Ratio Lower Upper

107 100

109 93.2 64.5 119.9

188 3.9 2.8 4.2



#51

Chlorobenzene

Concen: 50.477 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

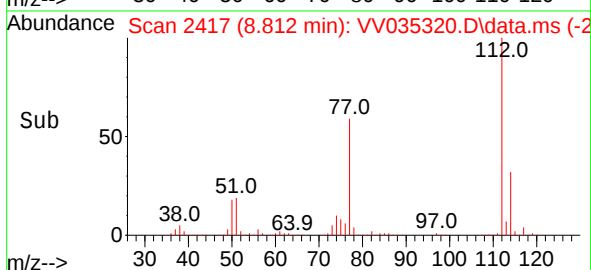
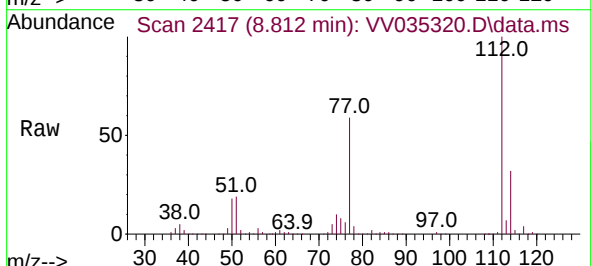
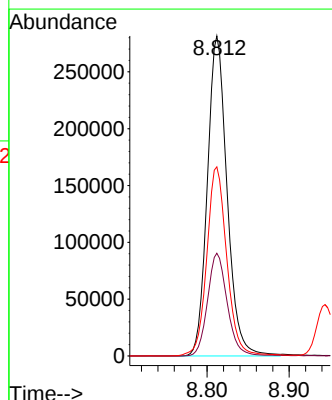
Tgt Ion:112 Resp: 471969

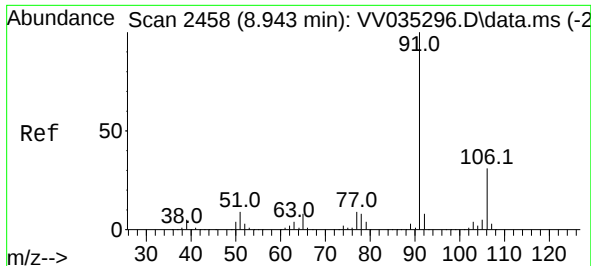
Ion Ratio Lower Upper

112 100

114 32.1 22.0 41.0

77 59.1 47.4 71.2

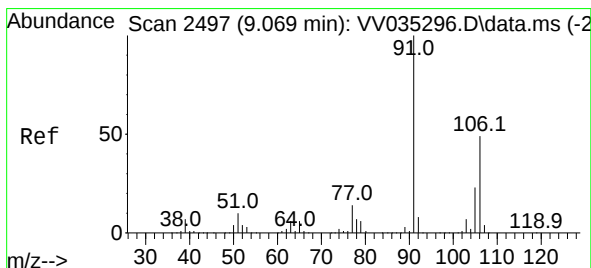
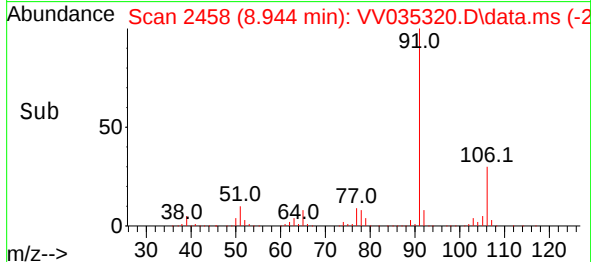
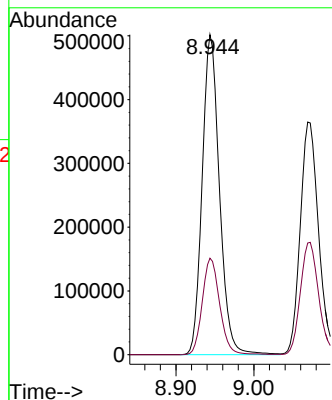
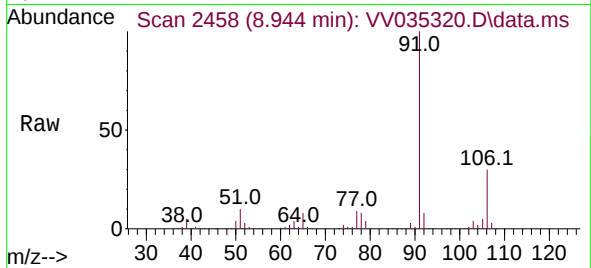




#52
Ethylbenzene
Concen: 48.269 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

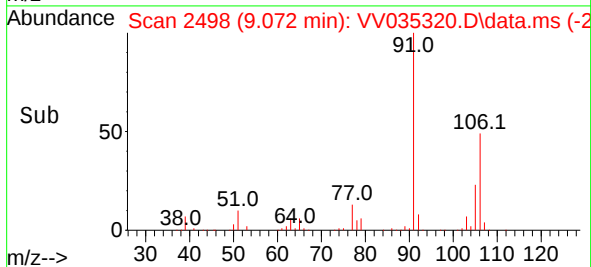
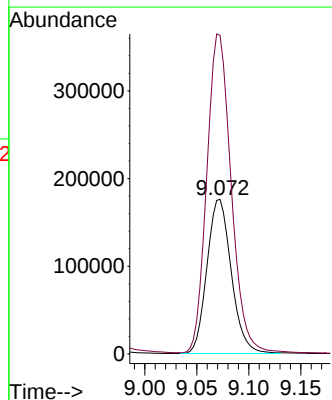
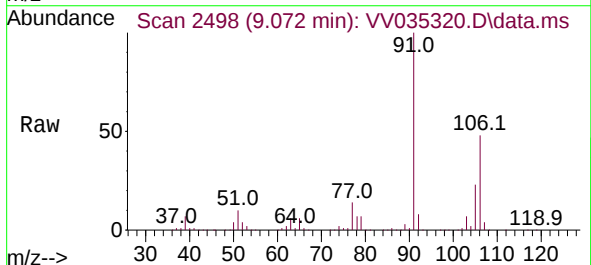
Instrument :
MSVOA_V
ClientSampleId :

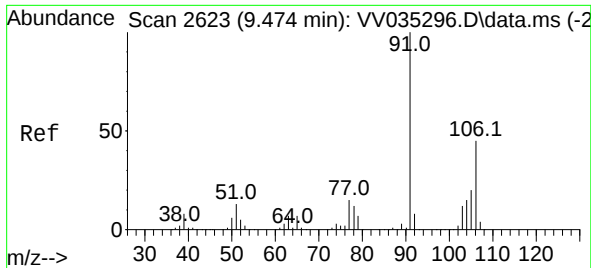
Tgt Ion: 91 Resp: 771755
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.5



#53
m,p-Xylene
Concen: 48.635 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

Tgt Ion:106 Resp: 286364
Ion Ratio Lower Upper
106 100
91 206.2 144.8 269.0

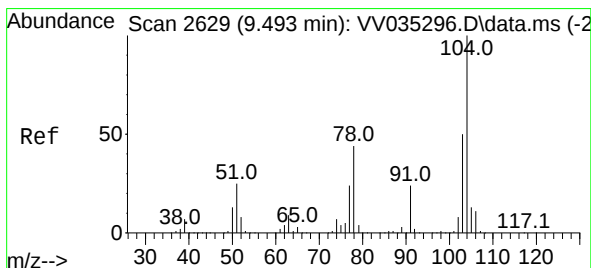
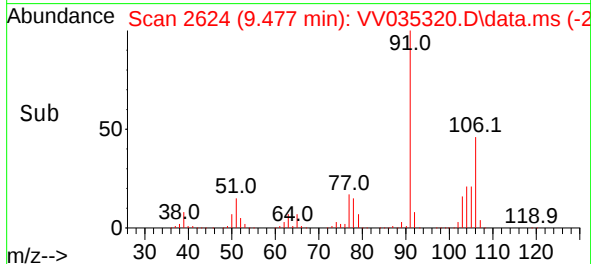
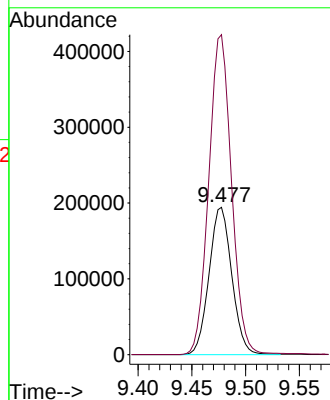
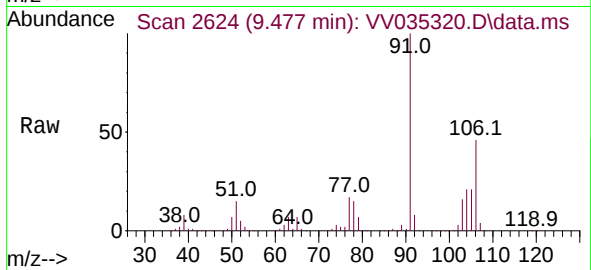




#54
o-Xylene
Concen: 49.168 ug/L
RT: 9.477 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

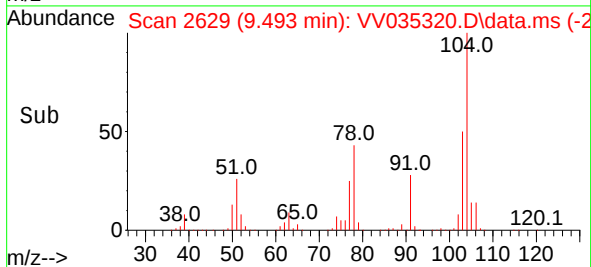
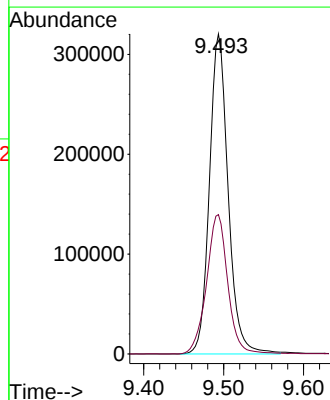
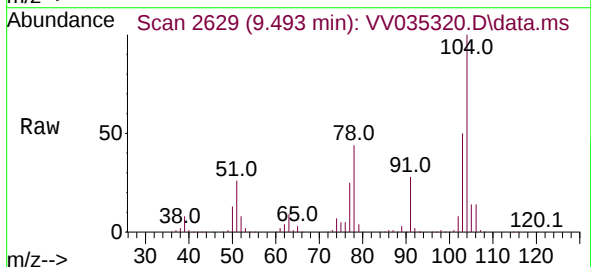
Instrument :
MSVOA_V
ClientSampleId :

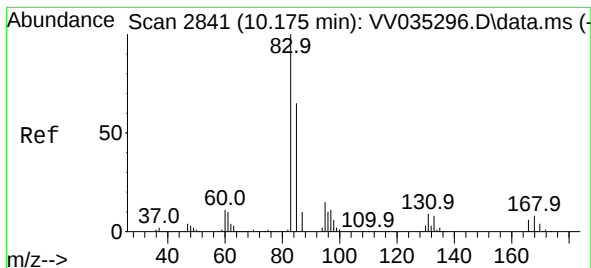
Tgt Ion:106 Resp: 286450
Ion Ratio Lower Upper
106 100
91 217.1 151.3 280.9



#55
Styrene
Concen: 52.891 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

Tgt Ion:104 Resp: 520716
Ion Ratio Lower Upper
104 100
78 43.5 31.5 58.5

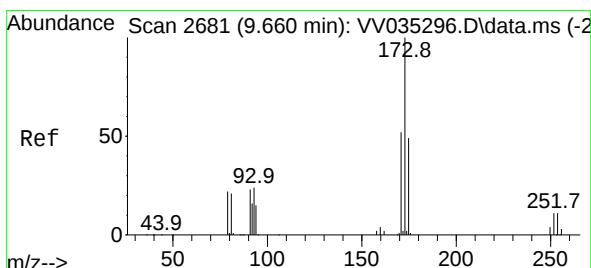
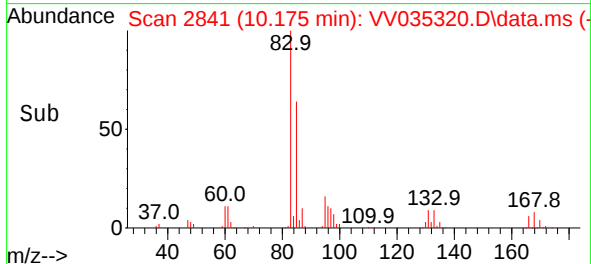
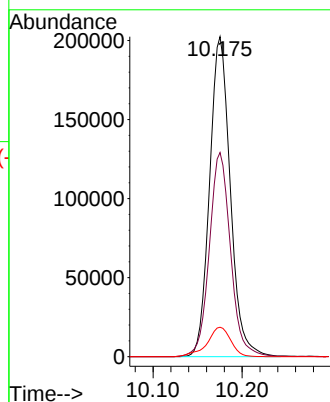
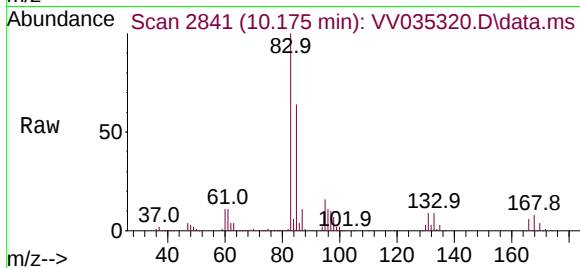




#57
1,1,2,2-Tetrachloroethane
Concen: 56.140 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

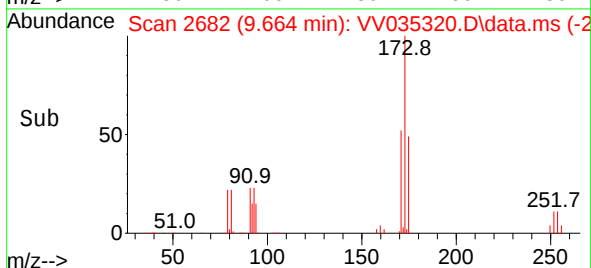
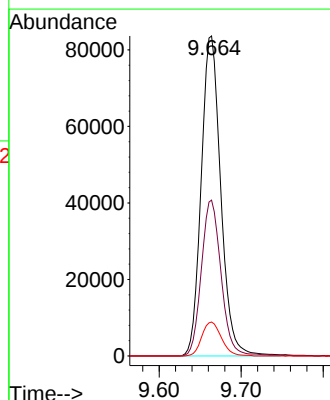
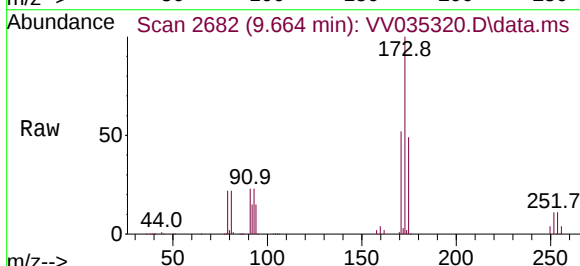
Instrument :
MSVOA_V
ClientSampleId :

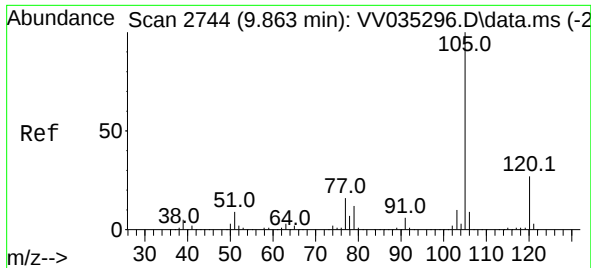
Tgt Ion: 83 Resp: 326479
Ion Ratio Lower Upper
83 100
85 63.8 44.5 82.7
131 9.2 6.9 10.3



#59
Bromoform
Concen: 52.679 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

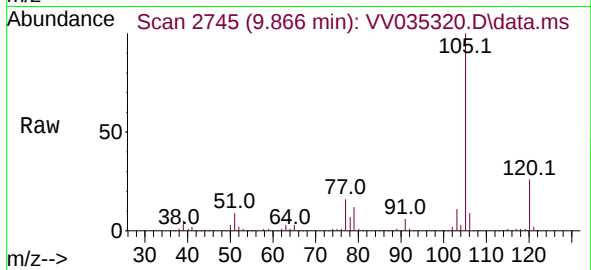
Tgt Ion: 173 Resp: 138724
Ion Ratio Lower Upper
173 100
175 49.0 39.3 58.9
254 10.6 7.5 11.3



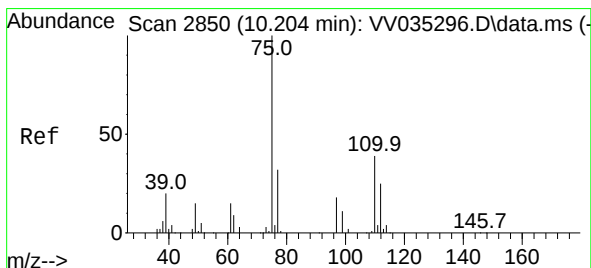
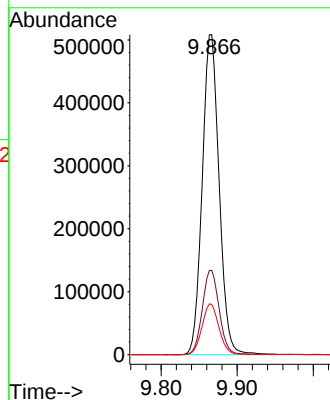
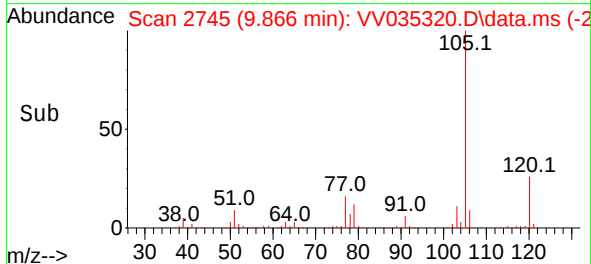


#60
Isopropylbenzene
Concen: 47.328 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57

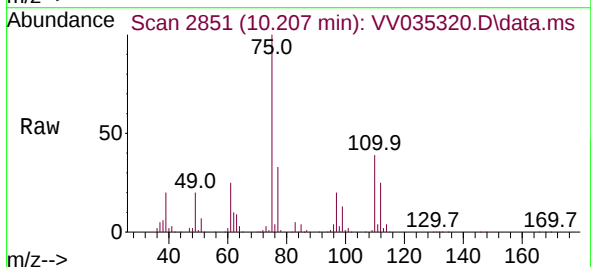
Instrument :
MSVOA_V
ClientSampleId :



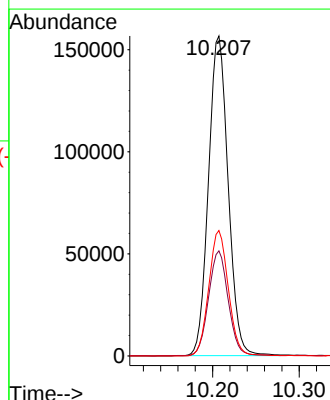
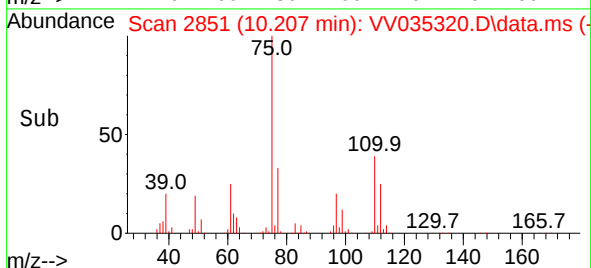
Tgt Ion:105 Resp: 784042
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.9 13.1 19.7

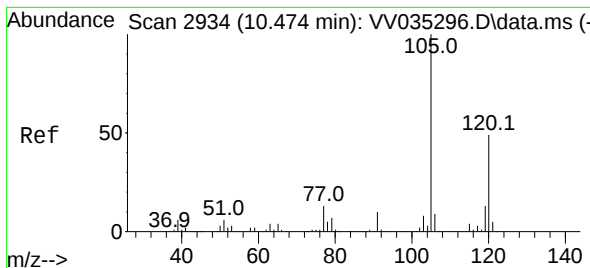


#61
1,2,3-Trichloropropane
Concen: 49.588 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035320.D
Acq: 19 Apr 2024 19:57



Tgt Ion: 75 Resp: 246922
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 39.1 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 46.852 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

Instrument :

MSVOA_V

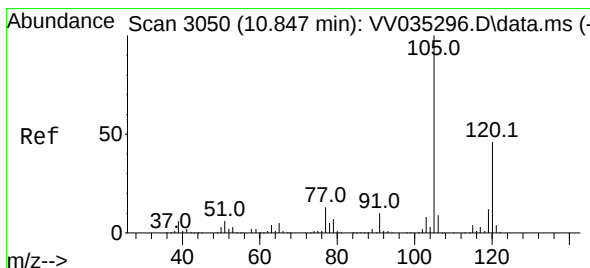
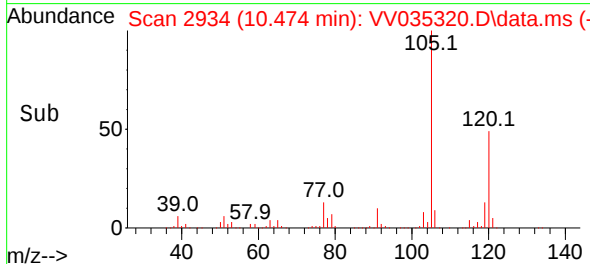
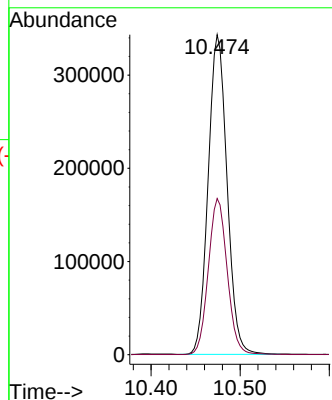
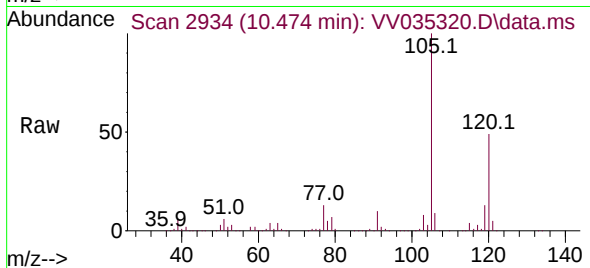
ClientSampleId :

Tgt Ion:105 Resp: 504082

Ion Ratio Lower Upper

105 100

120 48.8 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 47.382 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV035320.D

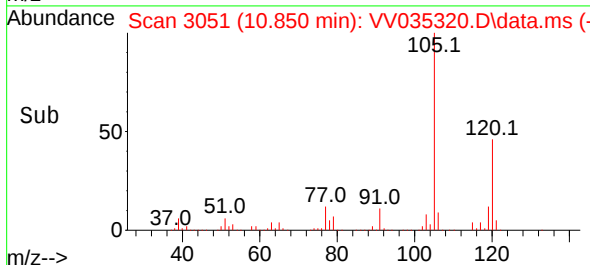
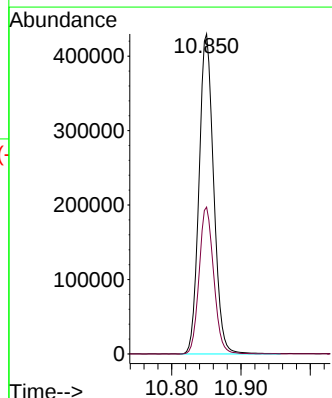
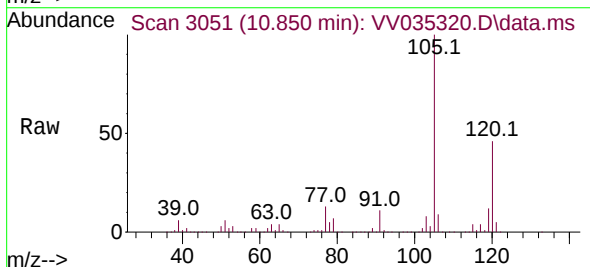
Acq: 19 Apr 2024 19:57

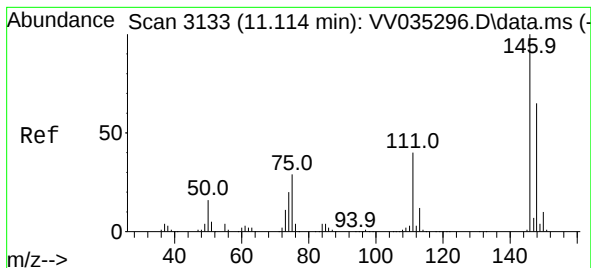
Tgt Ion:105 Resp: 630285

Ion Ratio Lower Upper

105 100

120 45.8 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 49.505 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :

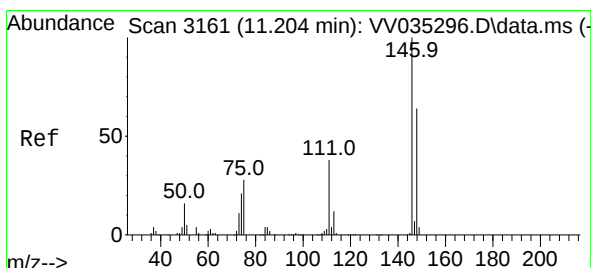
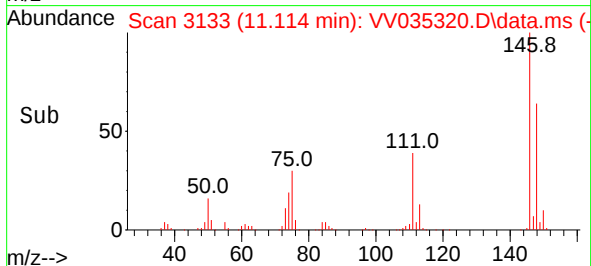
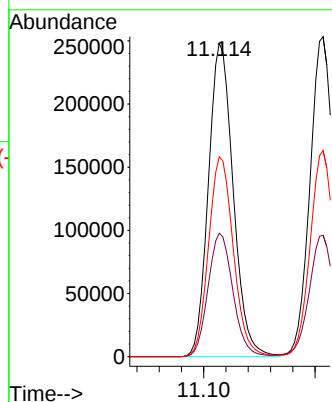
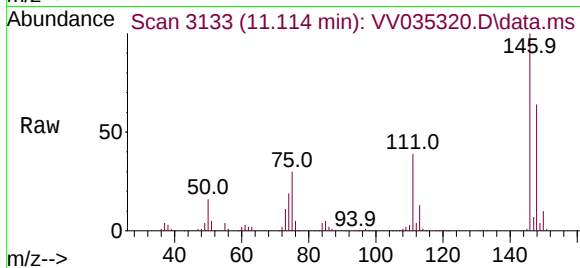
Tgt Ion:146 Resp: 383255

Ion Ratio Lower Upper

146 100

111 39.4 28.7 53.3

148 63.8 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 50.187 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

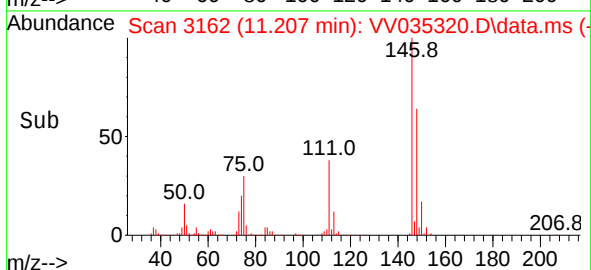
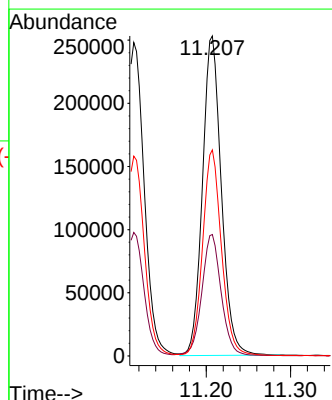
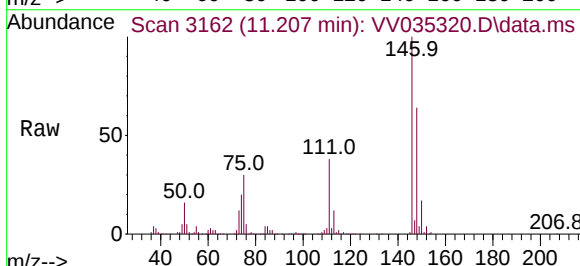
Tgt Ion:146 Resp: 395109

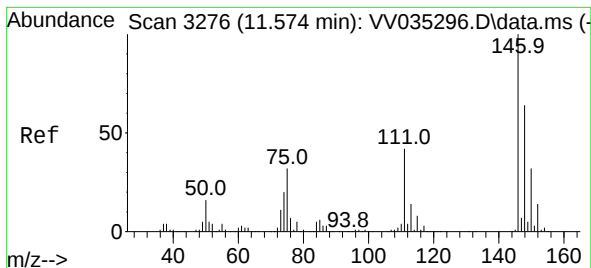
Ion Ratio Lower Upper

146 100

111 37.9 27.4 50.8

148 64.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 51.424 ug/L

RT: 11.577 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :

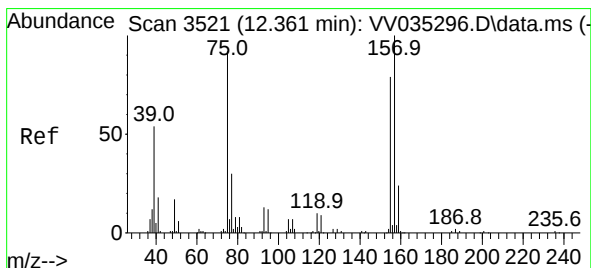
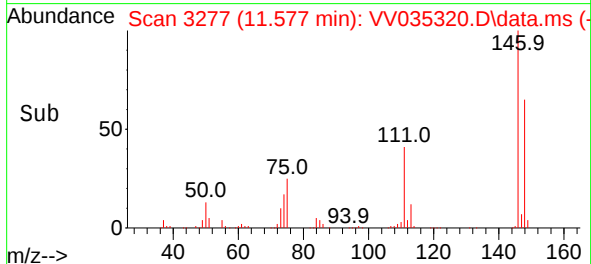
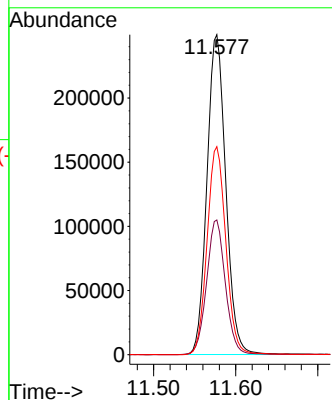
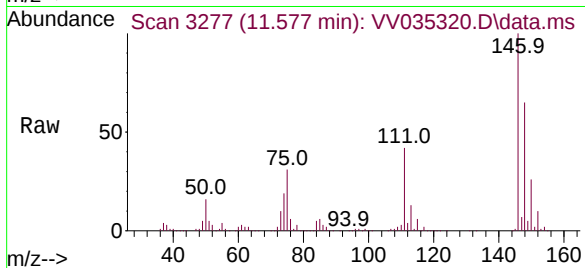
Tgt Ion:146 Resp: 396586

Ion Ratio Lower Upper

146 100

111 42.1 34.6 52.0

148 65.0 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 48.667 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

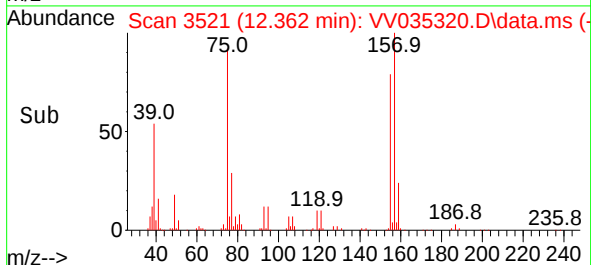
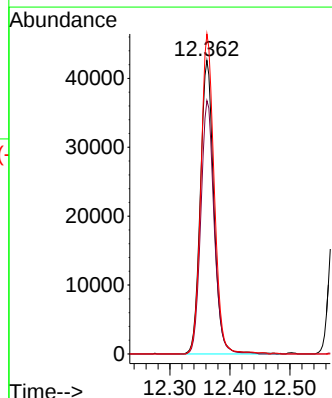
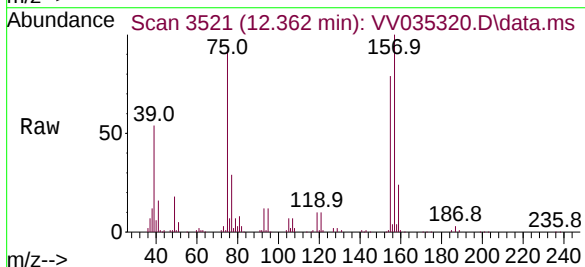
Tgt Ion: 75 Resp: 66764

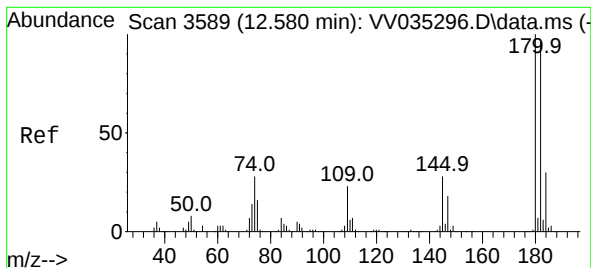
Ion Ratio Lower Upper

75 100

155 86.3 63.0 94.6

157 109.0 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 49.966 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

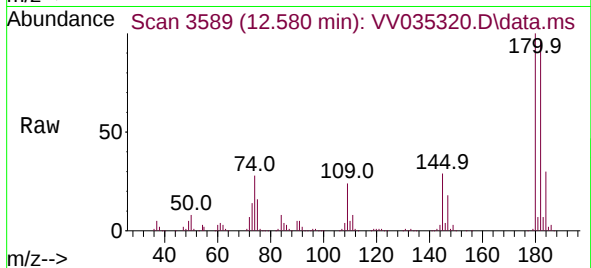
Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 278786

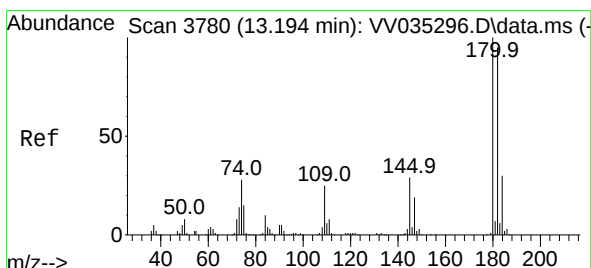
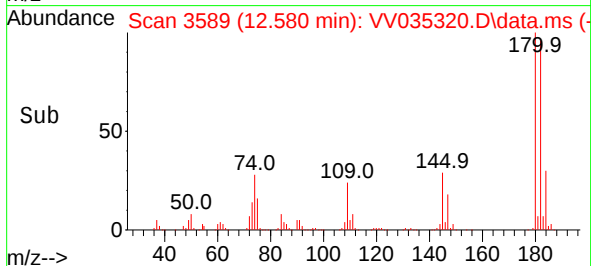
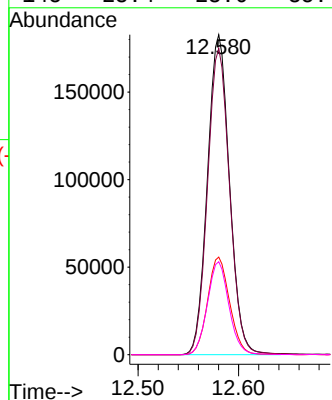
Ion Ratio Lower Upper

180 100

182 95.9 74.7 112.1

184 30.6 24.0 36.0

145 28.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 48.397 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

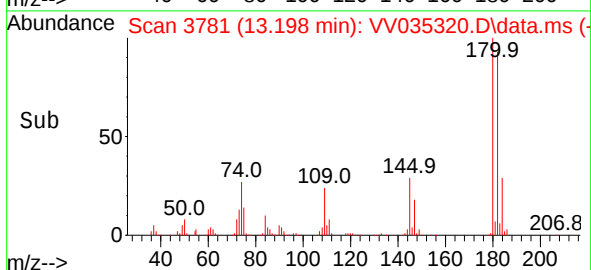
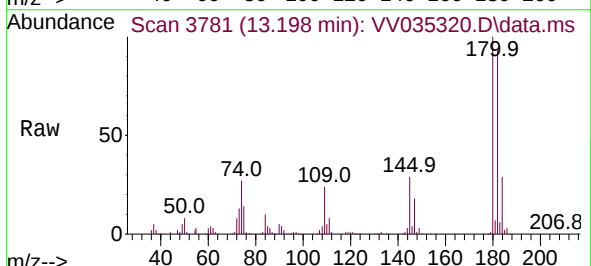
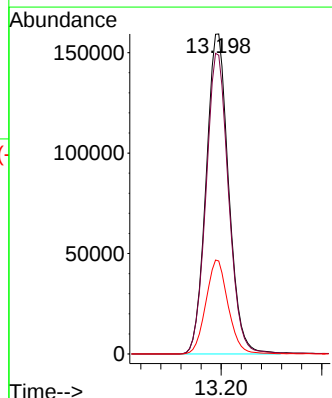
Tgt Ion:180 Resp: 248042

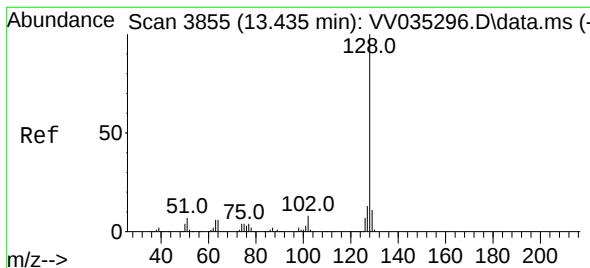
Ion Ratio Lower Upper

180 100

182 94.1 75.6 113.4

145 29.0 24.1 36.1





#71

Naphthalene

Concen: 42.061 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :

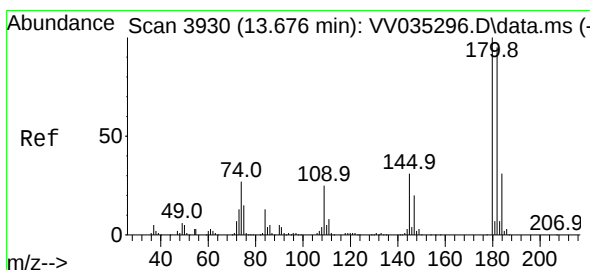
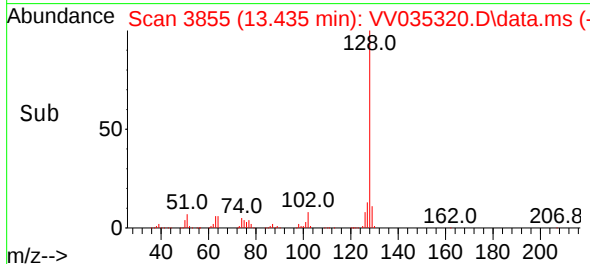
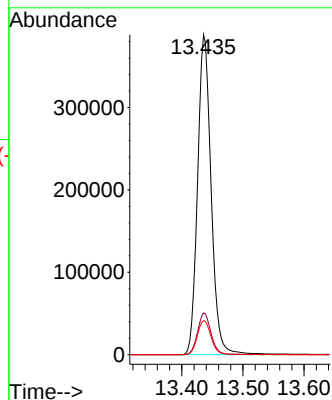
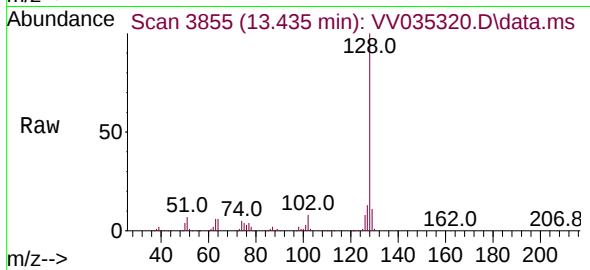
Tgt Ion:128 Resp: 598075

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: 50.829 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035320.D

Acq: 19 Apr 2024 19:57

Tgt Ion:180 Resp: 256788

Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.2

145 30.7 25.8 38.6

