

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040924\
 Data File : VV035093.D
 Acq On : 09 Apr 2024 19:27
 Operator : SY/MD
 Sample : P1968-02MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 05:00:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	332896	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	322226	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	158482	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	119544	37.184	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.360%
7) Chloroethane-d5	1.526	69	113080	40.496	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.056	65	54312	38.539	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.080%
21) 2-Butanone-d5	3.786	46	216017	113.292	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.290%
24) Chloroform-d	4.246	84	260064	48.112	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.220%
26) 1,2-Dichloroethane-d4	4.940	65	165618	48.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
32) Benzene-d6	4.956	84	486856	44.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.960%
36) 1,2-Dichloropropane-d6	5.989	67	166454	48.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.860%
41) Toluene-d8	7.243	98	419930	43.080	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.160%
43) trans-1,3-Dichloroprop...	7.551	79	73572	44.031	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.060%
47) 2-Hexanone-d5	8.024	63	141707	109.048	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.050%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	244503	51.658	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.320%
66) 1,2-Dichlorobenzene-d4	11.557	152	157343	44.219	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	101027	41.872	ug/L	100
3) Chloromethane	1.217	50	151201	48.747	ug/L	99
5) Vinyl chloride	1.281	62	151396	46.559	ug/L	99
6) Bromomethane	1.481	94	89720	36.809	ug/L	99
8) Chloroethane	1.542	64	107643	48.470	ug/L	97
9) Trichlorofluoromethane	1.709	101	200224	46.914	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	120249	46.033	ug/L	98
12) 1,1-Dichloroethene	2.066	96	118750	47.531	ug/L	95
13) Acetone	2.114	43	172815	98.722	ug/L	99
14) Carbon disulfide	2.240	76	288684	41.031	ug/L	100
15) Methyl Acetate	2.371	43	186689	67.676	ug/L	98
16) Methylene chloride	2.445	84	156350	57.755	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	123700	51.211	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	506306	59.676	ug/L	98
19) 1,1-Dichloroethane	3.111	63	292026	58.955	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	154105	56.183	ug/L	99
22) 2-Butanone	3.863	43	231265	113.851	ug/L	100
23) Bromochloromethane	4.146	128	80092	58.362	ug/L	97
25) Chloroform	4.272	83	288412	58.892	ug/L	100

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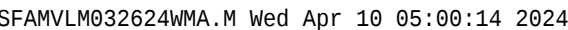
Instrument :
 MSVOA_V
 ClientSampleId :

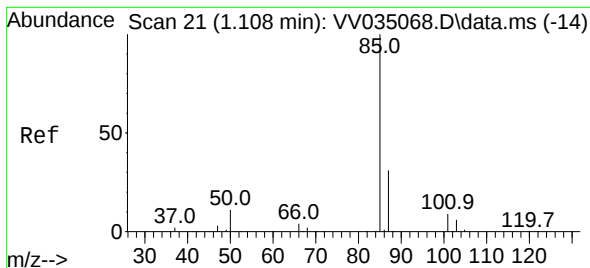
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	230571	59.133	ug/L	99
29) Cyclohexane	4.580	56	175886	43.581	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	224511	53.452	ug/L	99
31) Carbon tetrachloride	4.735	117	183697	51.600	ug/L	99
33) Benzene	5.008	78	568865	54.140	ug/L	100
34) Trichloroethene	5.831	95	139398	49.159	ug/L	98
35) Methylcyclohexane	6.050	83	183207	42.780	ug/L	98
37) 1,2-Dichloropropane	6.091	63	167880	57.815	ug/L	100
38) Bromodichloromethane	6.429	83	221032	58.997	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	254896	55.724	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	483365	130.379	ug/L	99
42) Toluene	7.313	91	579403	52.671	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	236450	56.264	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	164948	60.268	ug/L	100
46) Tetrachloroethene	7.905	164	96996	48.960	ug/L	96
48) 2-Hexanone	8.072	43	383719	121.693	ug/L	99
49) Dibromochloromethane	8.175	129	161886	59.721	ug/L	100
50) 1,2-Dibromoethane	8.281	107	171286	58.131	ug/L	98
51) Chlorobenzene	8.812	112	371650	52.128	ug/L	98
52) Ethylbenzene	8.943	91	603368	49.490	ug/L	99
53) m,p-Xylene	9.072	106	218025	48.560	ug/L	98
54) o-Xylene	9.477	106	225226	50.700	ug/L	98
55) Styrene	9.493	104	403328	53.726	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	279064	62.932	ug/L	99
59) Bromoform	9.664	173	117240	64.554	ug/L	100
60) Isopropylbenzene	9.866	105	584667	51.173	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	217693	63.389	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	376993	50.807	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	470548	51.291	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	276171	51.725	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	283780	52.265	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	295126	55.487	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	58796	62.144	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	192249	49.961	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	173870	49.190	ug/L	99
71) Naphthalene	13.438	128	486971	49.658	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	188684	54.154	ug/L	99

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

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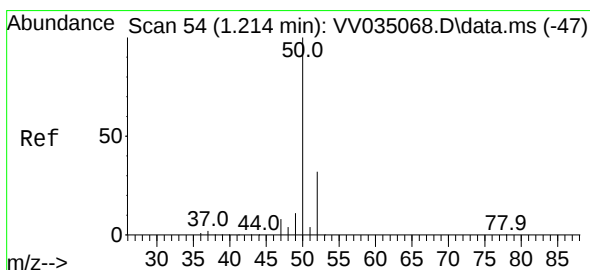
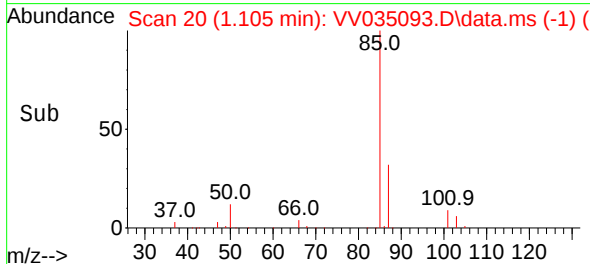
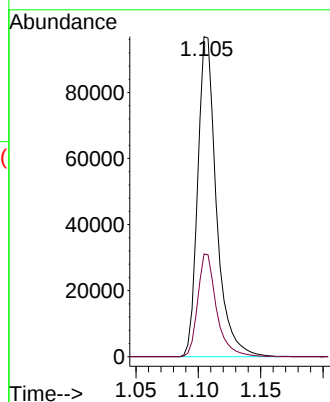
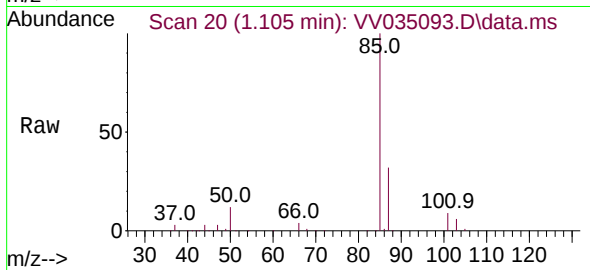




#2
 Dichlorodifluoromethane
 Concen: 41.872 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV035093.D
 Acq: 09 Apr 2024 19:27

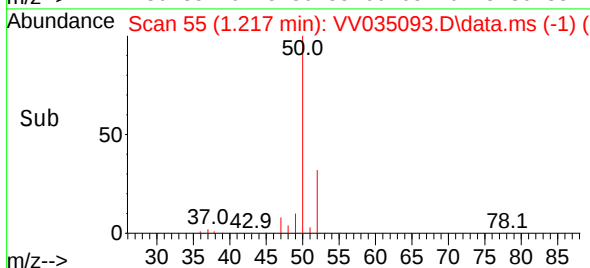
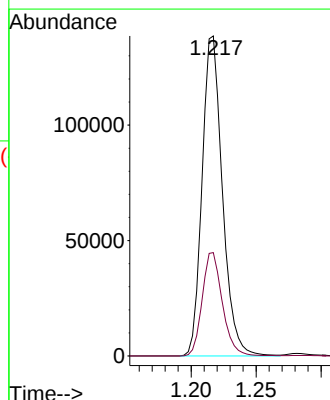
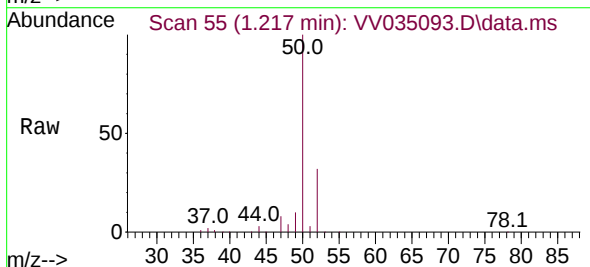
Instrument :
 MSVOA_V
 ClientSampleId :

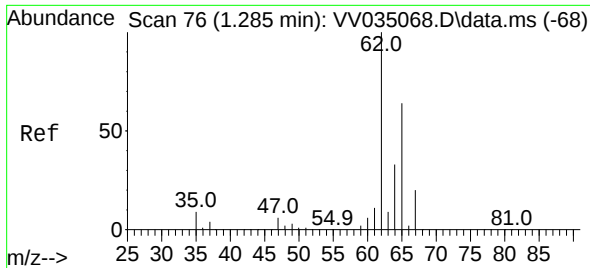
Tgt Ion: 85 Resp: 101027
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.7 38.5



#3
 Chloromethane
 Concen: 48.747 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV035093.D
 Acq: 09 Apr 2024 19:27

Tgt Ion: 50 Resp: 151201
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.0 42.8

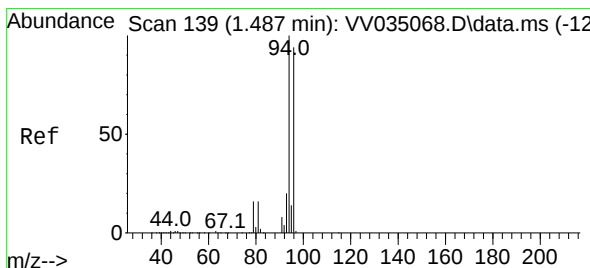
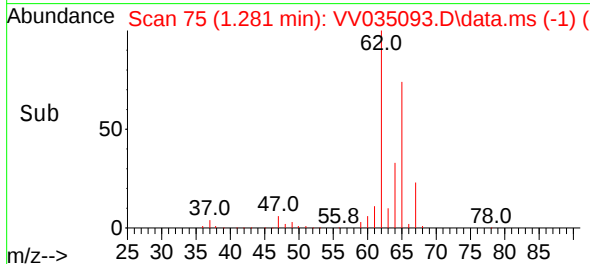
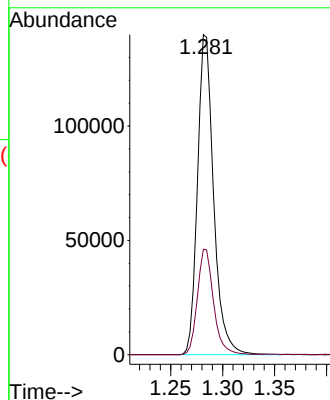
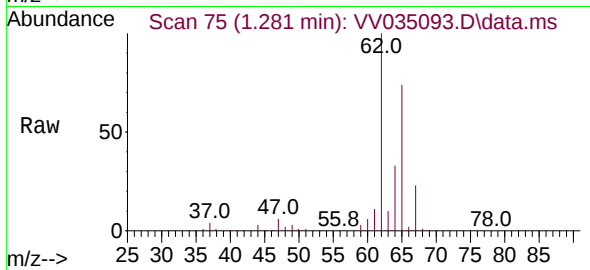




#5
 Vinyl chloride
 Concen: 46.559 ug/L
 RT: 1.281 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV035093.D
 Acq: 09 Apr 2024 19:27

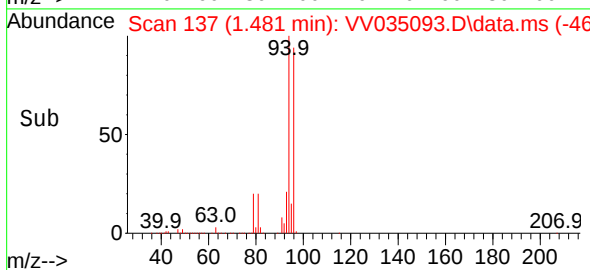
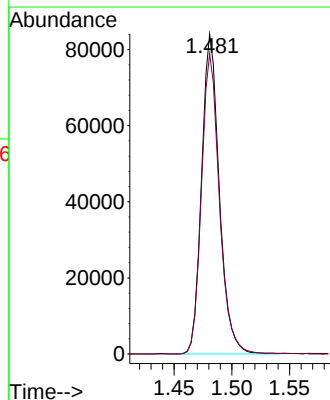
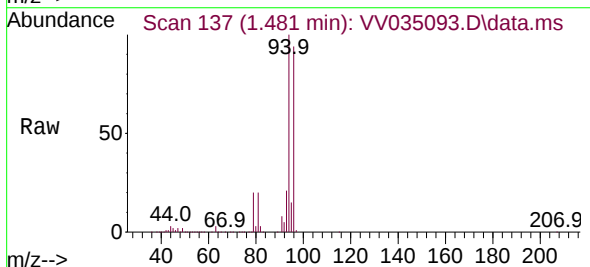
Instrument :
 MSVOA_V
 ClientSampleId :

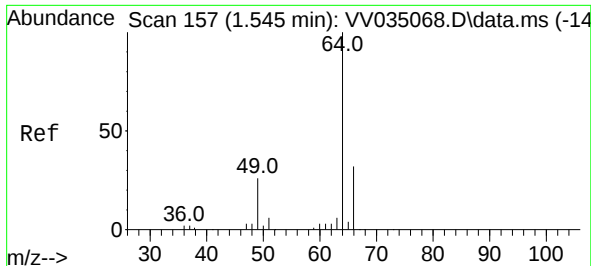
Tgt Ion: 62 Resp: 151396
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.6 43.8



#6
 Bromomethane
 Concen: 36.809 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.007 min
 Lab File: VV035093.D
 Acq: 09 Apr 2024 19:27

Tgt Ion: 94 Resp: 89720
 Ion Ratio Lower Upper
 94 100
 96 93.8 66.3 123.1

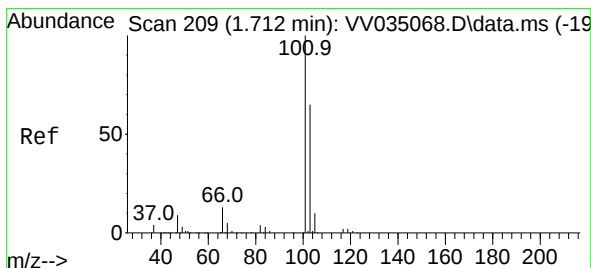
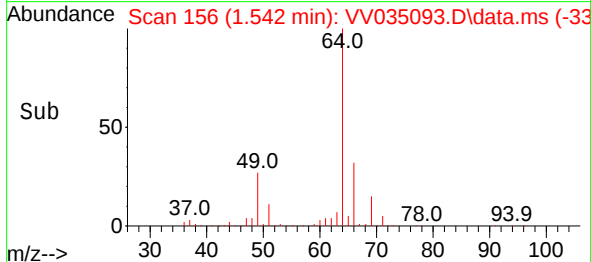
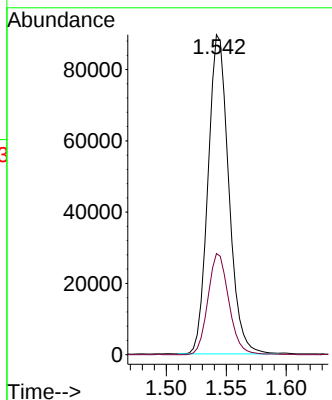
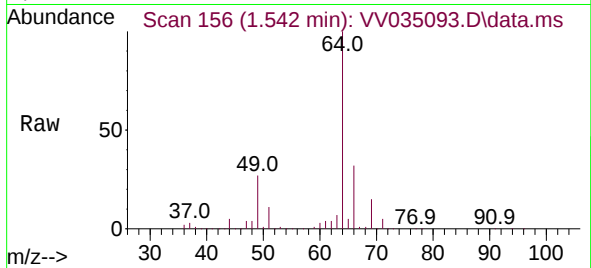




#8
Chloroethane
Concen: 48.470 ug/L
RT: 1.542 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

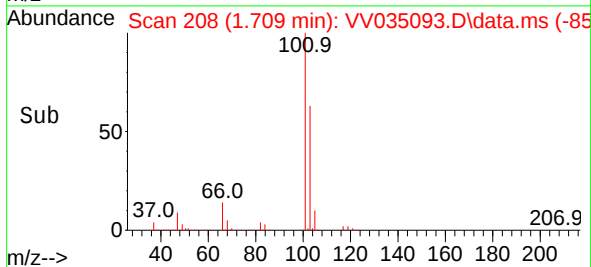
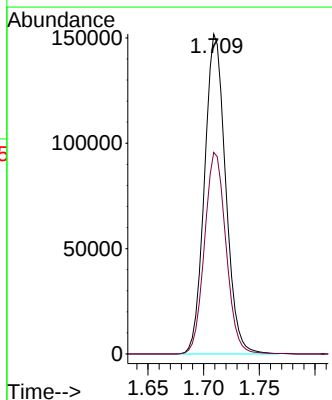
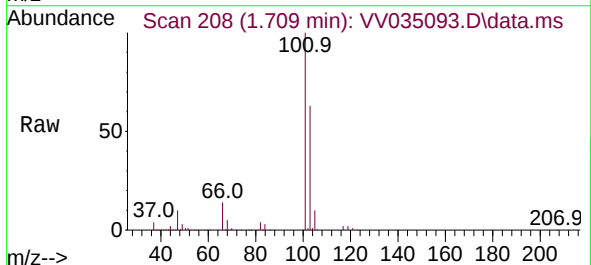
Instrument :
MSVOA_V
ClientSampleId :

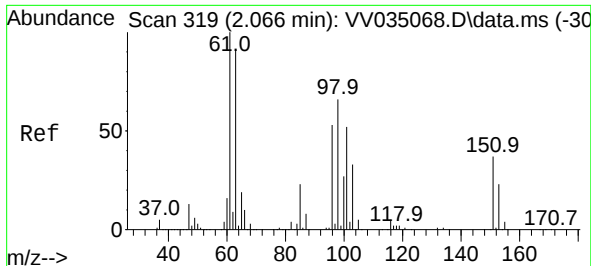
Tgt Ion: 64 Resp: 107643
Ion Ratio Lower Upper
64 100
66 31.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 46.914 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

Tgt Ion:101 Resp: 200224
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4





#10

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

Concen: 46.033 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

Instrument :

MSVOA_V

ClientSampleId :

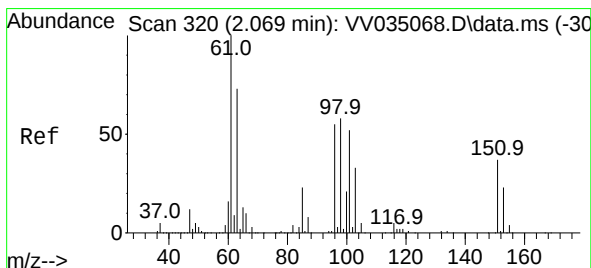
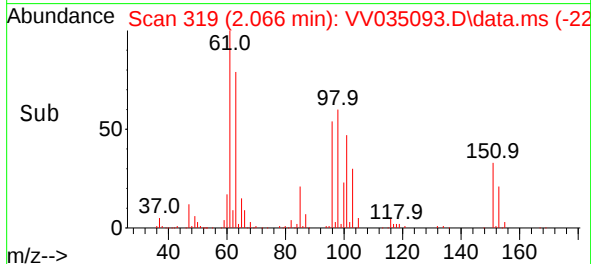
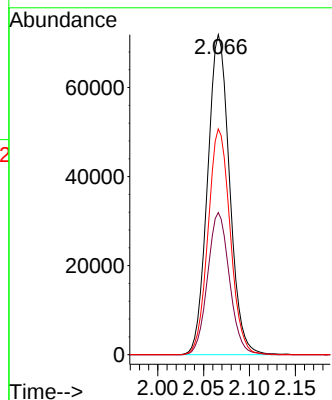
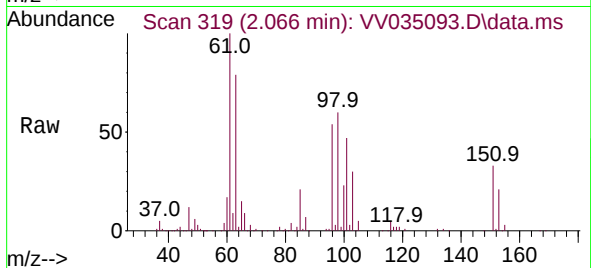
Tgt Ion:101 Resp: 120249

Ion Ratio Lower Upper

101 100

85 44.0 35.3 52.9

151 70.7 55.0 82.4



#12

1,1-Dichloroethene

Concen: 47.531 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

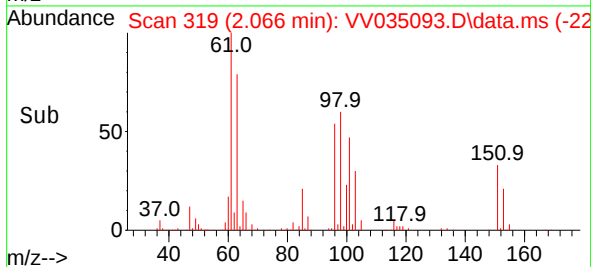
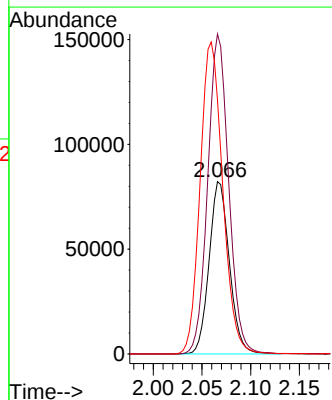
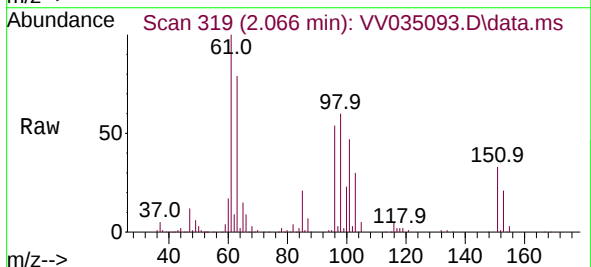
Tgt Ion: 96 Resp: 118750

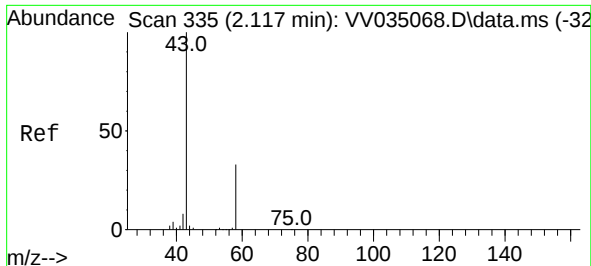
Ion Ratio Lower Upper

96 100

61 185.7 131.5 244.3

63 147.5 111.4 206.8





#13

Acetone

Concen: 98.722 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

Instrument :

MSVOA_V

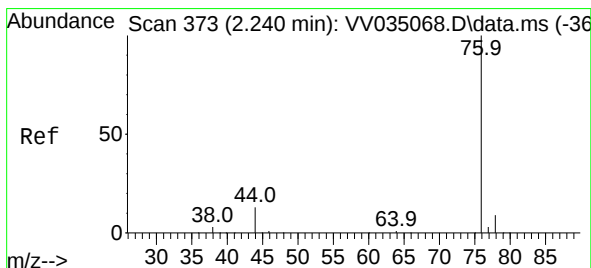
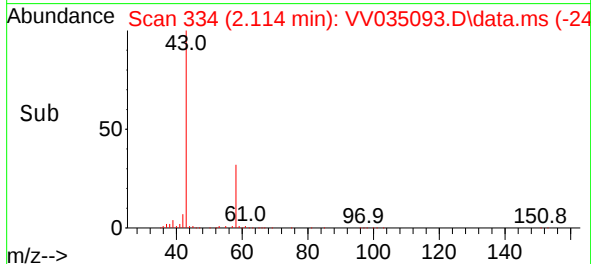
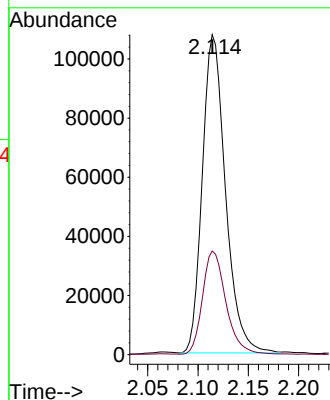
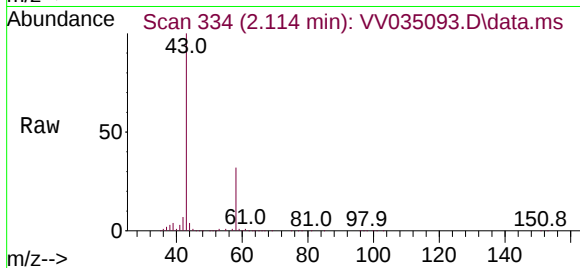
ClientSampleId :

Tgt Ion: 43 Resp: 172815

Ion Ratio Lower Upper

43 100

58 32.7 0.0 66.0



#14

Carbon disulfide

Concen: 41.031 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV035093.D

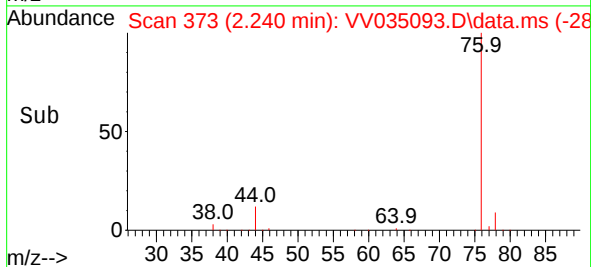
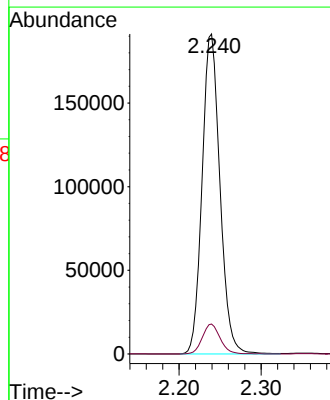
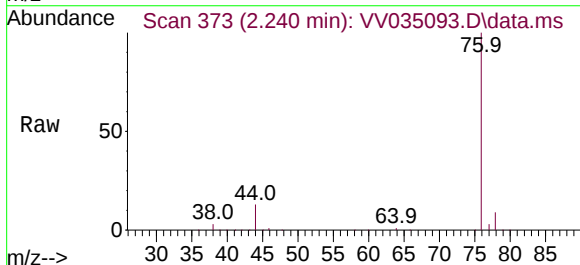
Acq: 09 Apr 2024 19:27

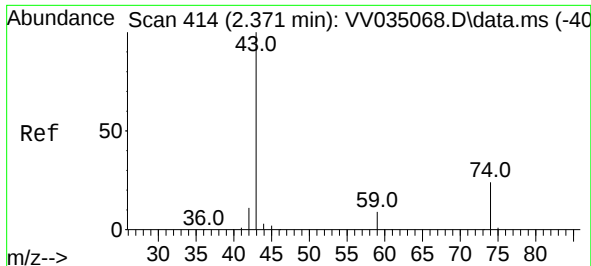
Tgt Ion: 76 Resp: 288684

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0





#15

Methyl Acetate

Concen: 67.676 ug/L

RT: 2.371 min Scan# 414

Delta R.T. -0.000 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

Instrument :

MSVOA_V

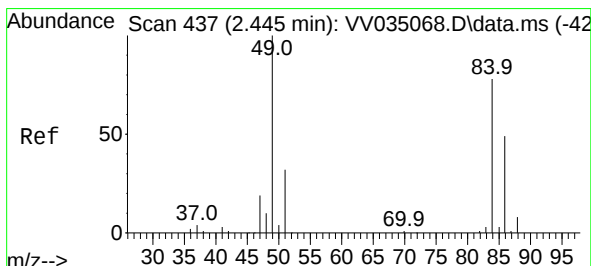
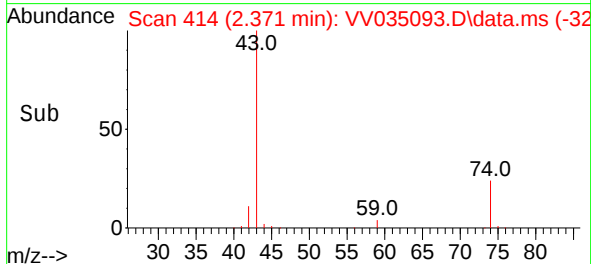
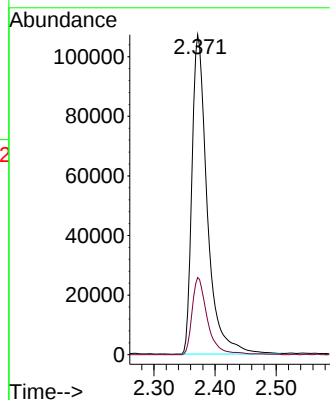
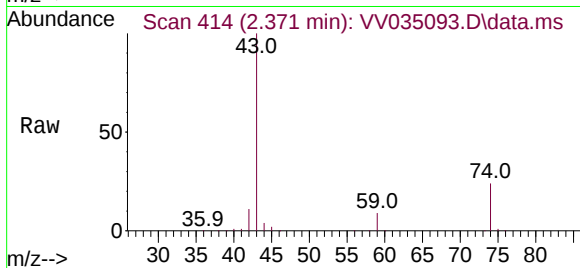
ClientSampleId :

Tgt Ion: 43 Resp: 186689

Ion Ratio Lower Upper

43 100

74 23.6 19.8 29.8



#16

Methylene chloride

Concen: 57.755 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

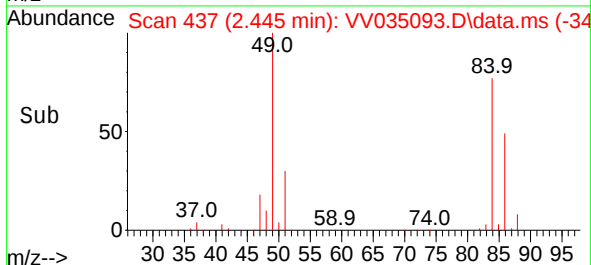
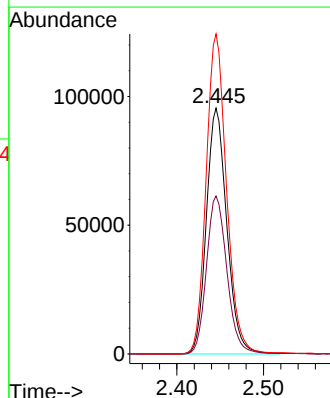
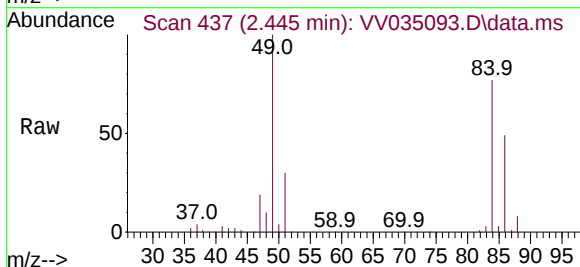
Tgt Ion: 84 Resp: 156350

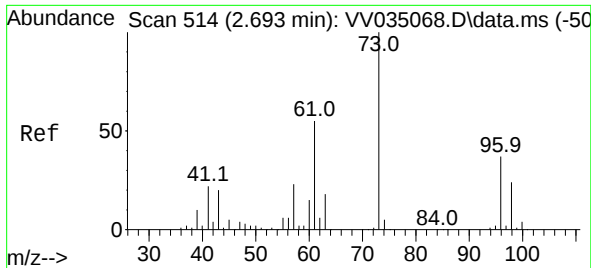
Ion Ratio Lower Upper

84 100

86 64.3 44.6 82.8

49 130.2 86.9 161.3

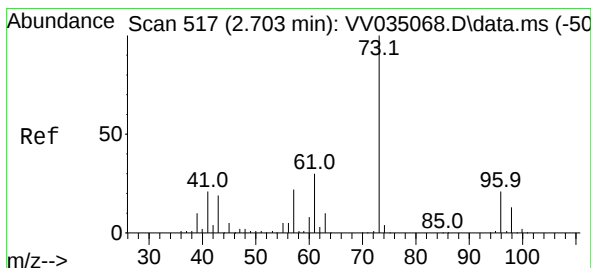
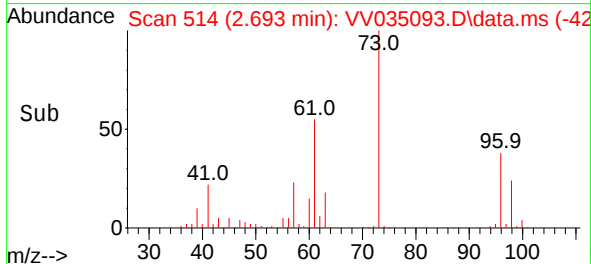
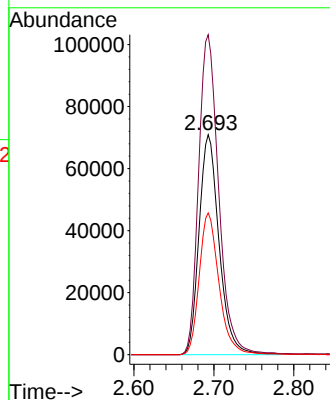
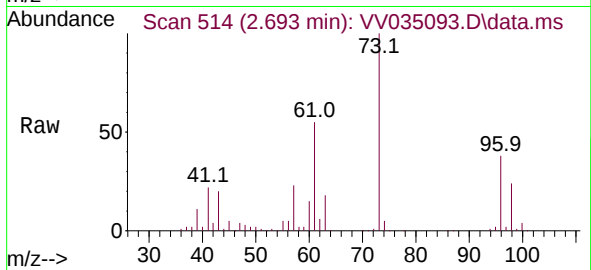




#17
trans-1,2-Dichloroethene
Concen: 51.211 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

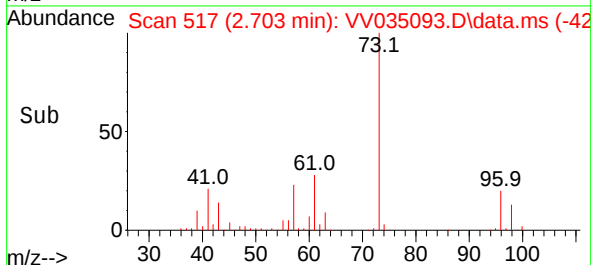
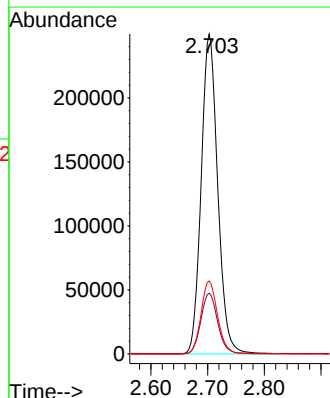
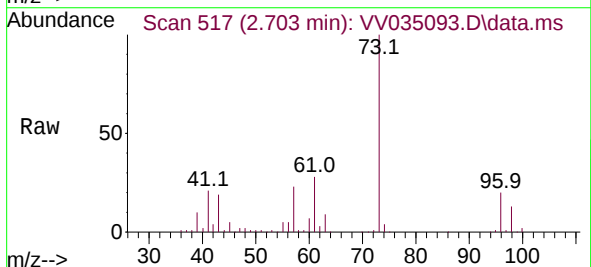
Instrument :
MSVOA_V
ClientSampleId :

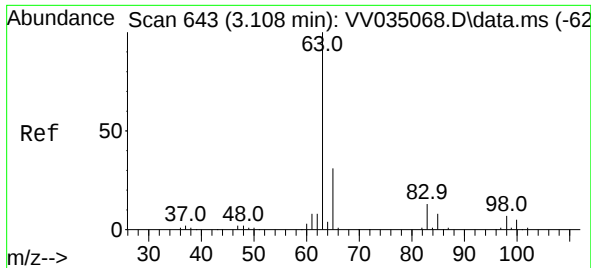
Tgt Ion: 96 Resp: 123700
Ion Ratio Lower Upper
96 100
61 145.4 99.0 183.8
98 64.4 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 59.676 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

Tgt Ion: 73 Resp: 506306
Ion Ratio Lower Upper
73 100
43 19.1 14.6 21.8
57 22.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 58.955 ug/L

RT: 3.111 min Scan# 643

Delta R.T. 0.003 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

Instrument :

MSVOA_V

ClientSampleId :

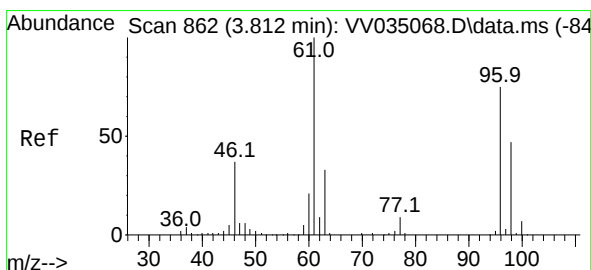
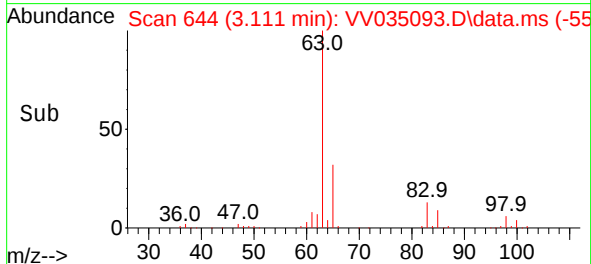
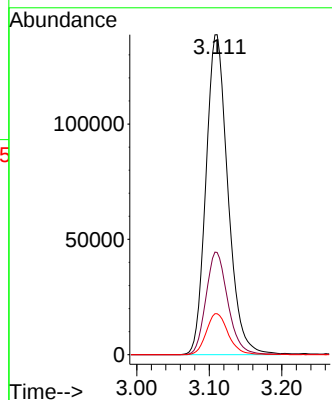
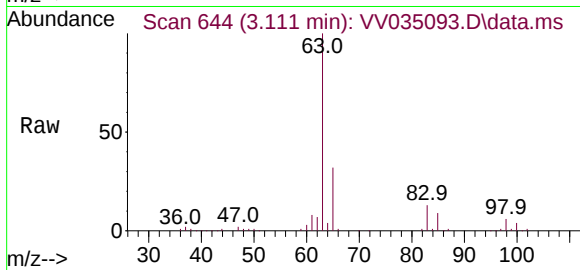
Tgt Ion: 63 Resp: 292026

Ion Ratio Lower Upper

63 100

65 31.9 23.0 42.6

83 12.8 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 56.183 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.000 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

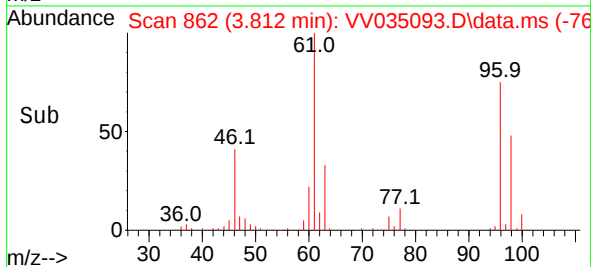
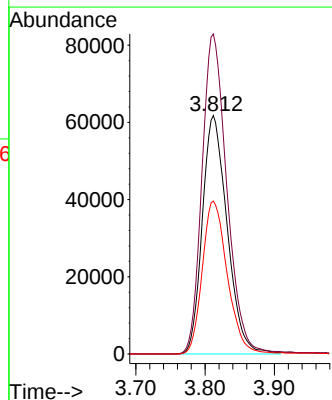
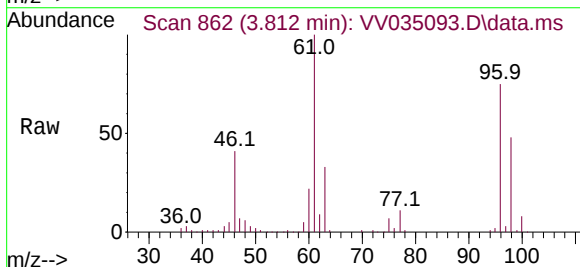
Tgt Ion: 96 Resp: 154105

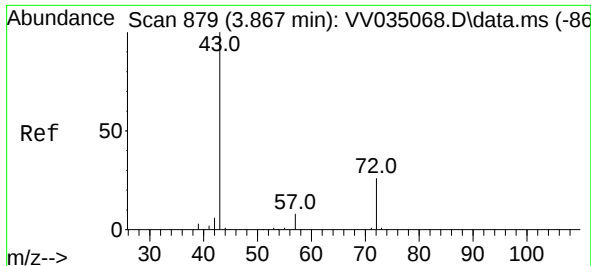
Ion Ratio Lower Upper

96 100

61 134.2 94.9 176.3

98 64.2 45.6 84.8





#22

2-Butanone

Concen: 113.851 ug/L

RT: 3.863 min Scan# 81

Delta R.T. -0.003 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

Instrument :

MSVOA_V

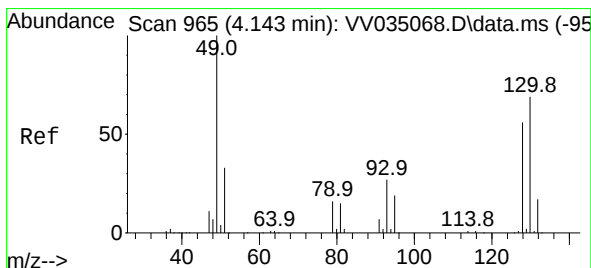
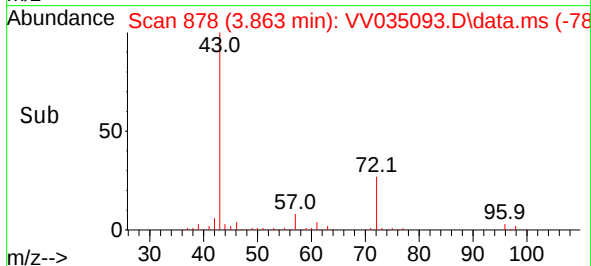
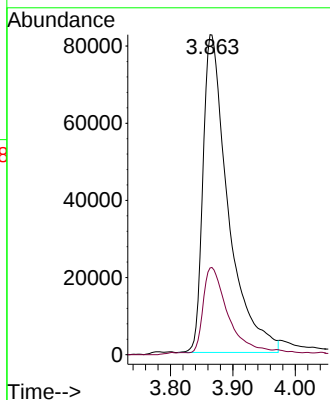
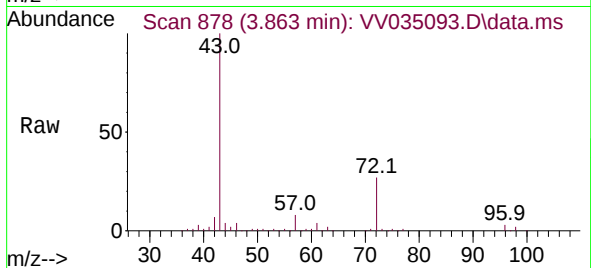
ClientSampleId :

Tgt Ion: 43 Resp: 231265

Ion Ratio Lower Upper

43 100

72 26.2 13.2 39.6



#23

Bromochloromethane

Concen: 58.362 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.003 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

Tgt Ion:128 Resp: 80092

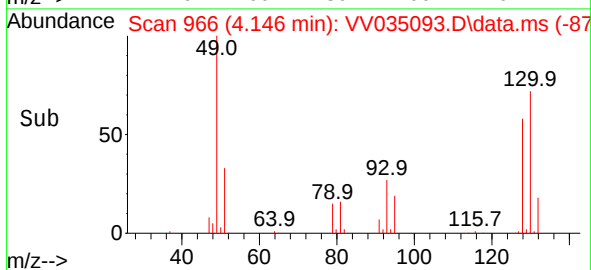
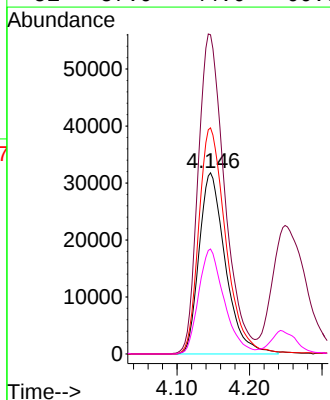
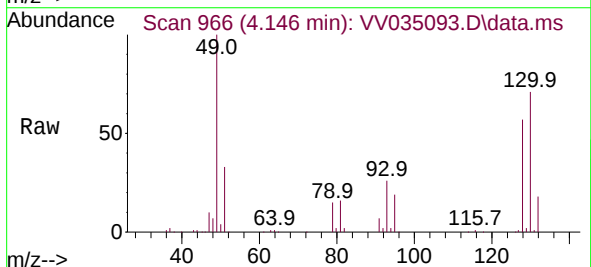
Ion Ratio Lower Upper

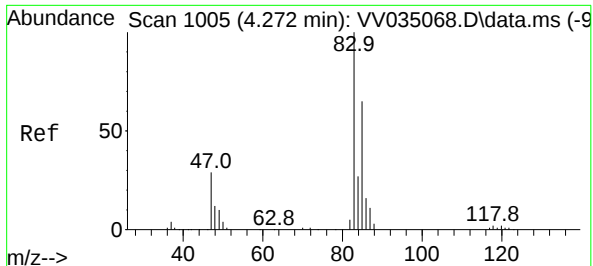
128 100

49 176.3 123.8 229.8

130 124.9 93.2 173.0

51 57.9 44.0 66.0





#25

Chloroform

Concen: 58.892 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

Instrument :

MSVOA_V

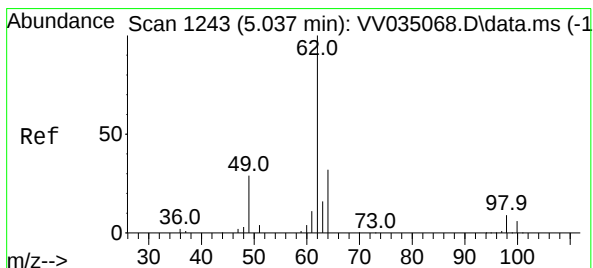
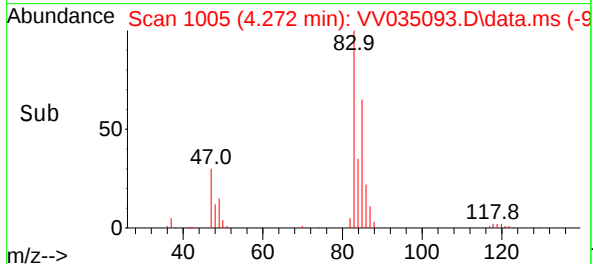
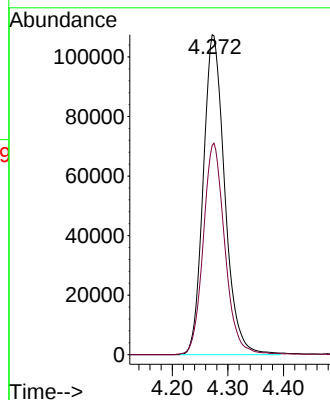
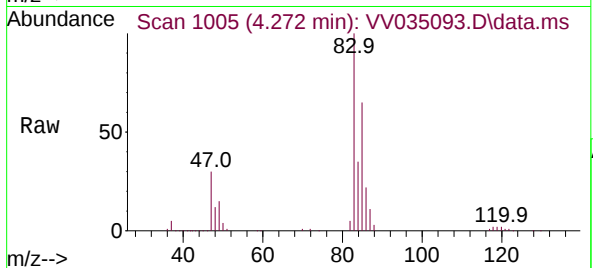
ClientSampleId :

Tgt Ion: 83 Resp: 288412

Ion Ratio Lower Upper

83 100

85 65.4 46.0 85.4



#27

1,2-Dichloroethane

Concen: 59.133 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV035093.D

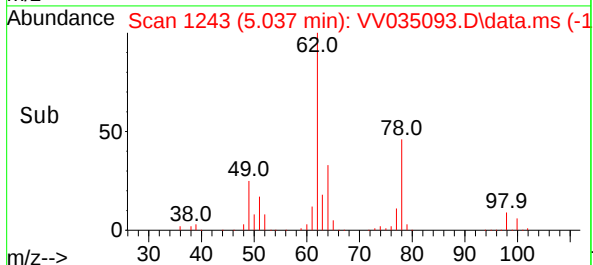
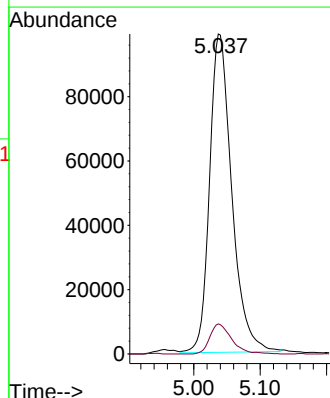
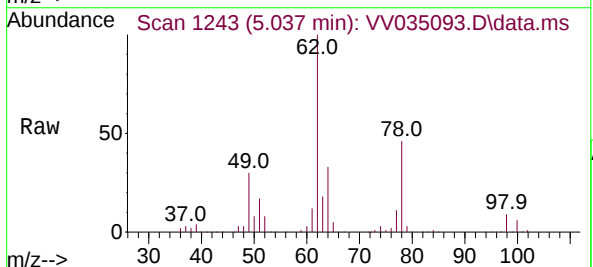
Acq: 09 Apr 2024 19:27

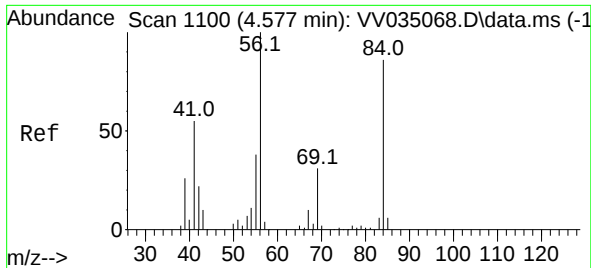
Tgt Ion: 62 Resp: 230571

Ion Ratio Lower Upper

62 100

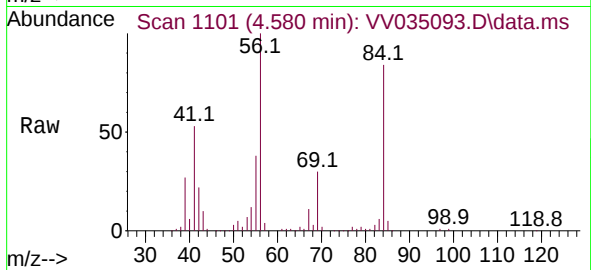
98 9.4 7.2 10.8



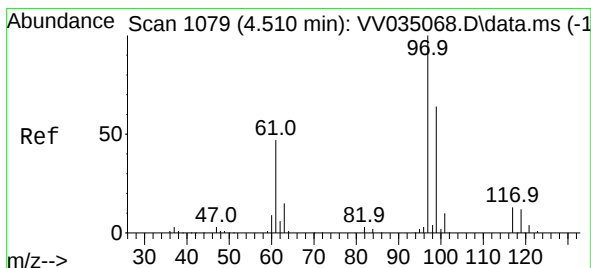
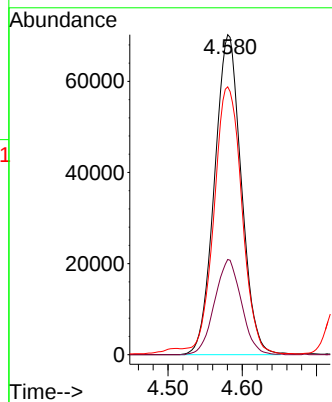
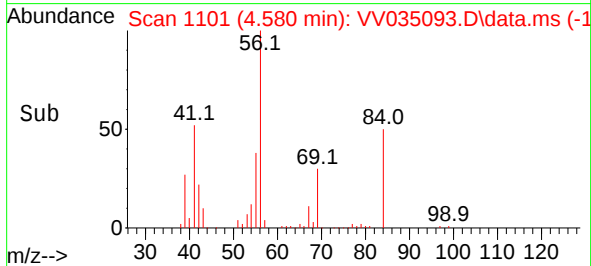


#29
Cyclohexane
Concen: 43.581 ug/L
RT: 4.580 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

Instrument :
MSVOA_V
ClientSampleId :

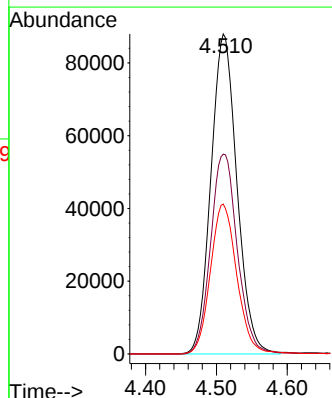
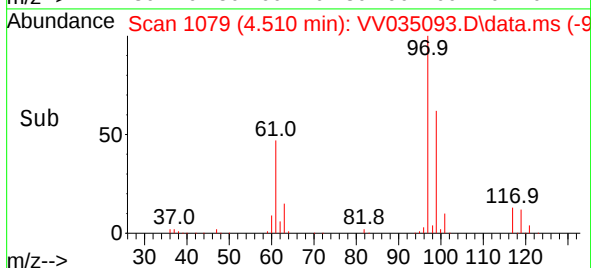
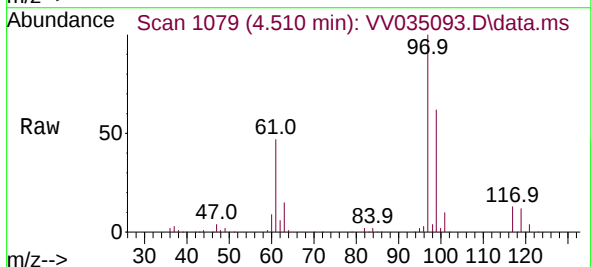


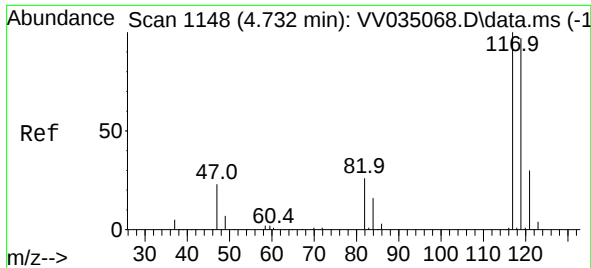
Tgt Ion: 56 Resp: 175886
Ion Ratio Lower Upper
56 100
69 29.8 24.2 36.2
84 86.4 69.8 104.8



#30
1,1,1-Trichloroethane
Concen: 53.452 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

Tgt Ion: 97 Resp: 224511
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 47.7 36.8 55.2

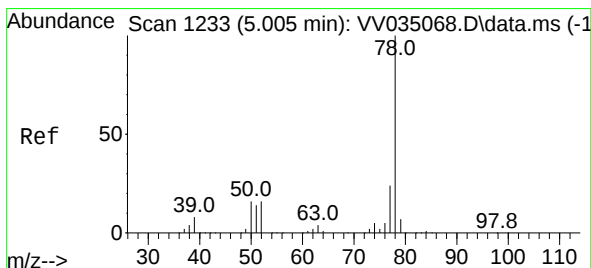
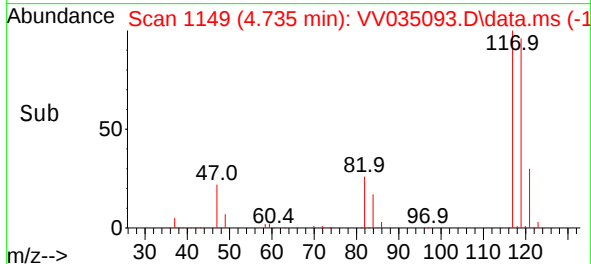
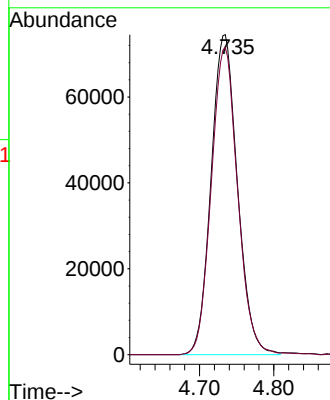
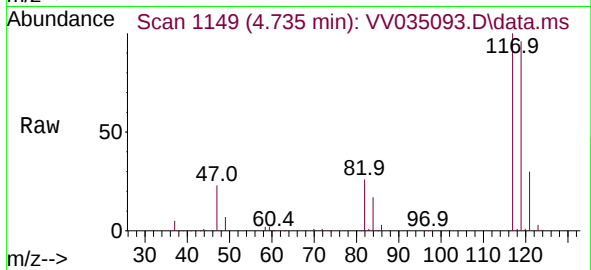




#31
Carbon tetrachloride
Concen: 51.600 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

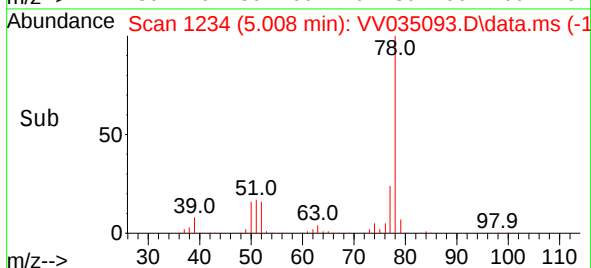
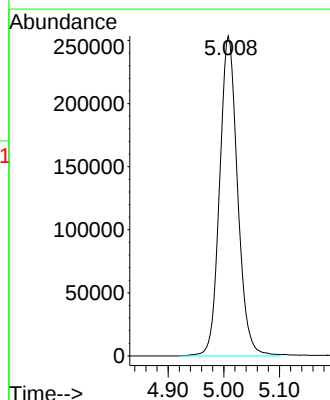
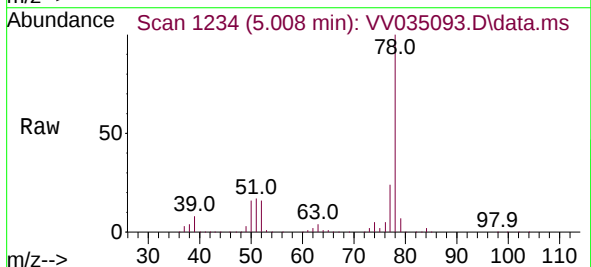
Instrument :
MSVOA_V
ClientSampleId :

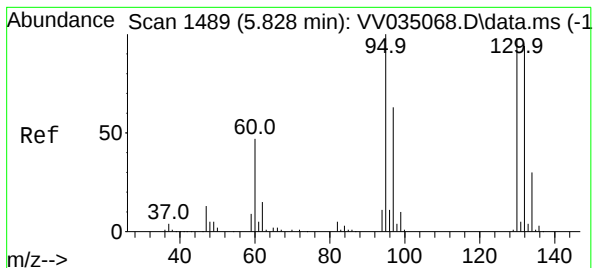
Tgt Ion:117 Resp: 183697
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7



#33
Benzene
Concen: 54.140 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

Tgt Ion: 78 Resp: 568865





#34

Trichloroethene

Concen: 49.159 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 139398

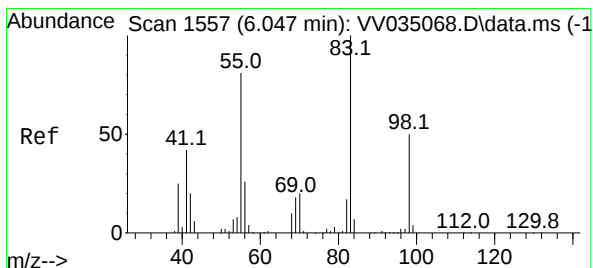
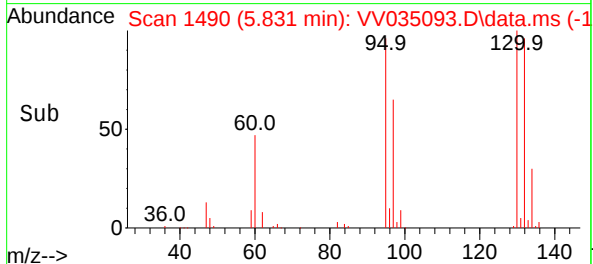
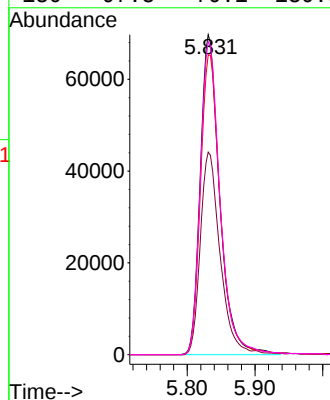
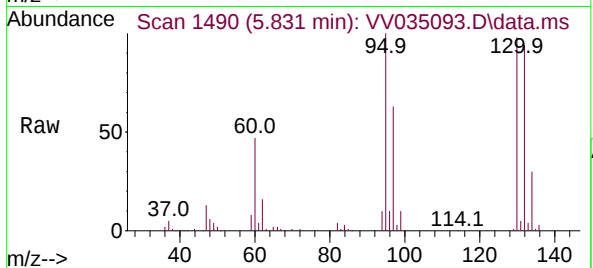
Ion Ratio Lower Upper

95 100

97 63.3 45.3 84.1

132 93.7 65.3 121.3

130 97.8 70.1 130.3



#35

Methylcyclohexane

Concen: 42.780 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

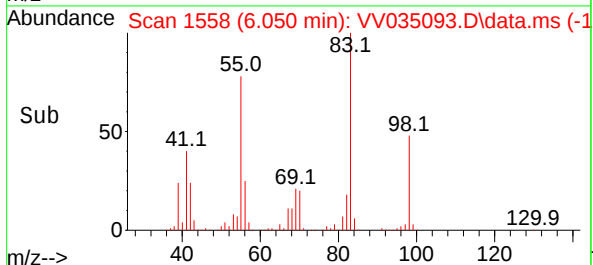
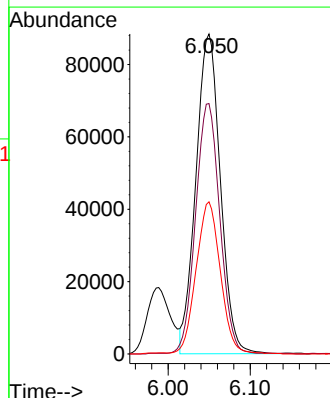
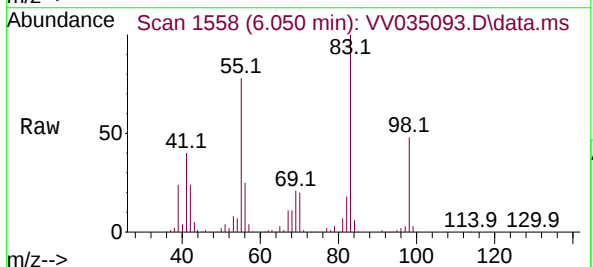
Tgt Ion: 83 Resp: 183207

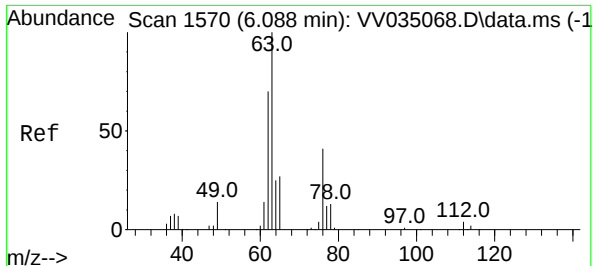
Ion Ratio Lower Upper

83 100

55 77.3 60.0 90.0

98 46.9 37.6 56.4

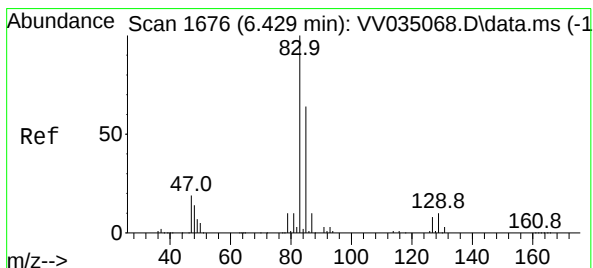
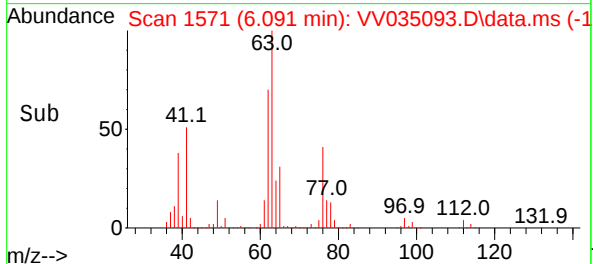
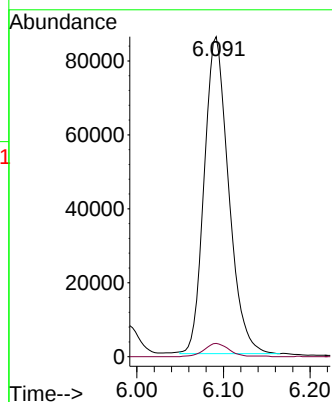
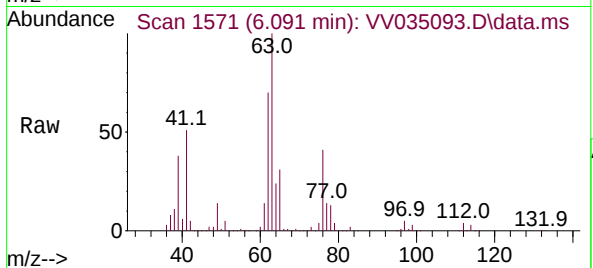




#37
1,2-Dichloropropane
Concen: 57.815 ug/L
RT: 6.091 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

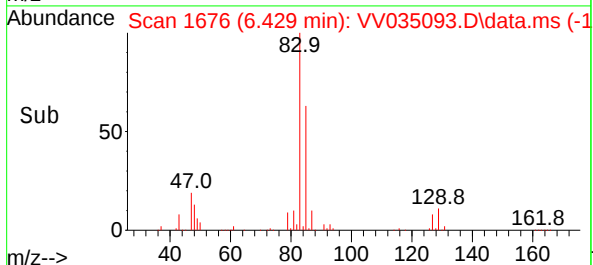
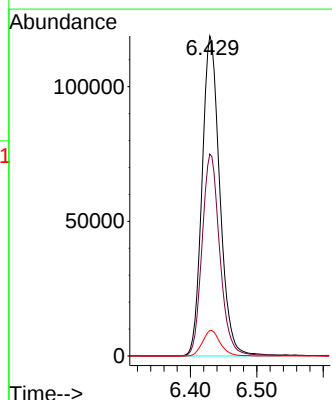
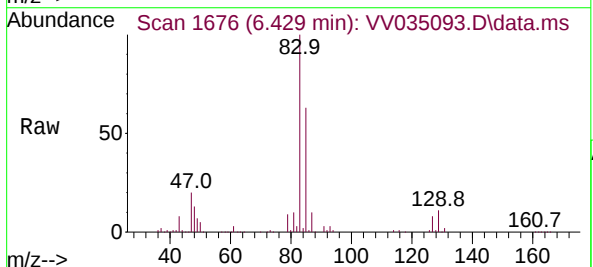
Instrument :
MSVOA_V
ClientSampleId :

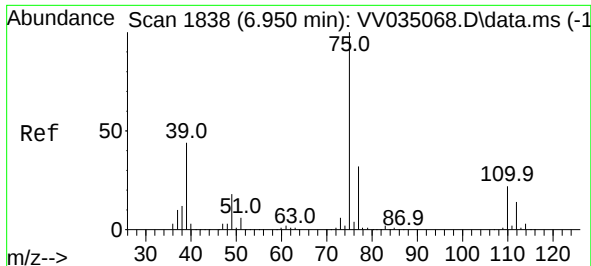
Tgt Ion: 63 Resp: 167880
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 58.997 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

Tgt Ion: 83 Resp: 221032
Ion Ratio Lower Upper
83 100
85 63.1 43.7 81.1
127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 55.724 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

Instrument :

MSVOA_V

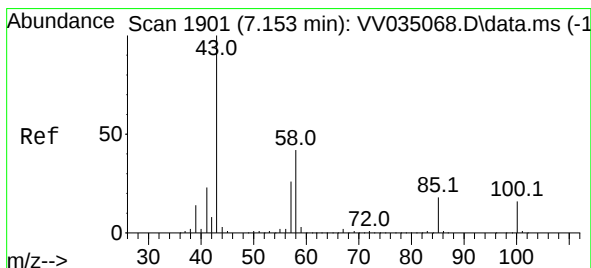
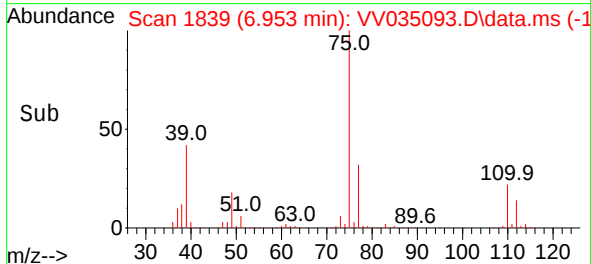
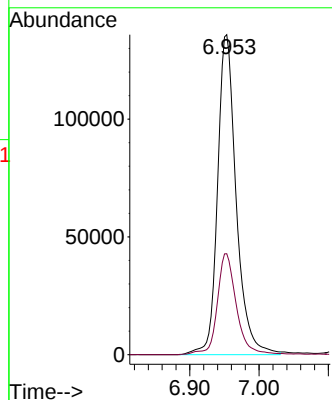
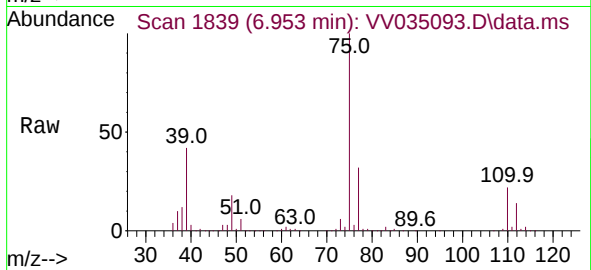
ClientSampleId :

Tgt Ion: 75 Resp: 254896

Ion Ratio Lower Upper

75 100

77 31.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 130.379 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

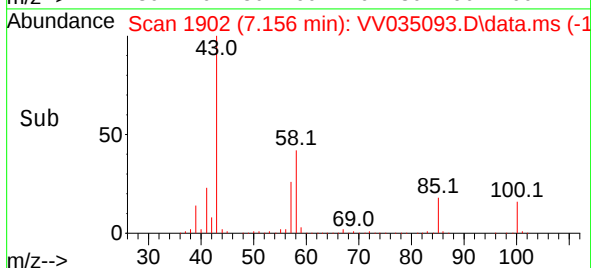
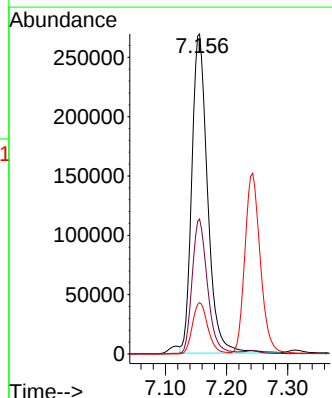
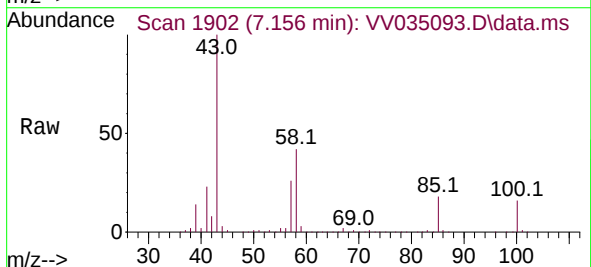
Tgt Ion: 43 Resp: 483365

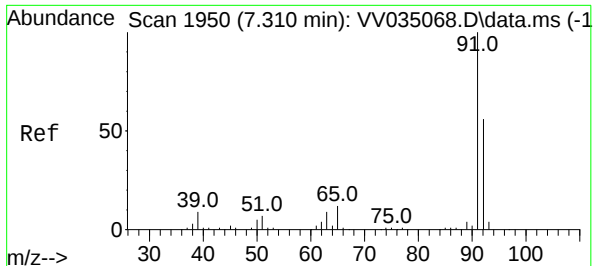
Ion Ratio Lower Upper

43 100

58 41.3 33.8 50.8

100 15.8 13.0 19.4





#42

Toluene

Concen: 52.671 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

Instrument :

MSVOA_V

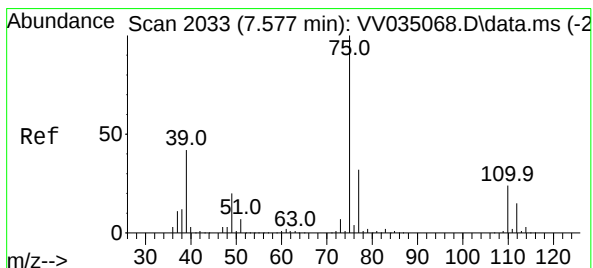
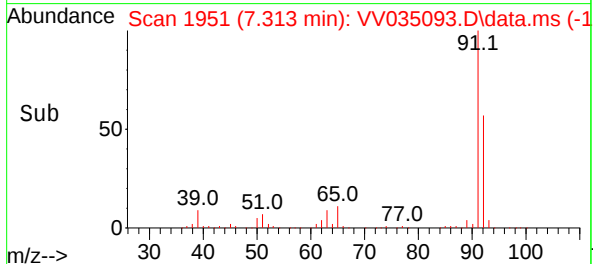
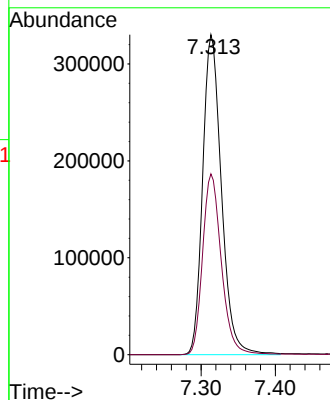
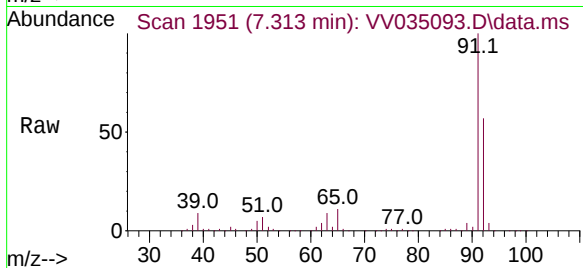
ClientSampleId :

Tgt Ion: 91 Resp: 579403

Ion Ratio Lower Upper

91 100

92 56.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 56.264 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035093.D

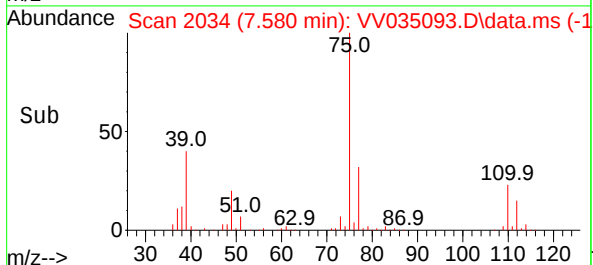
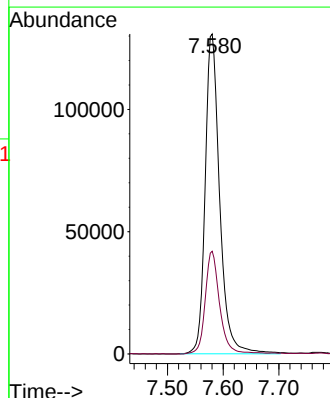
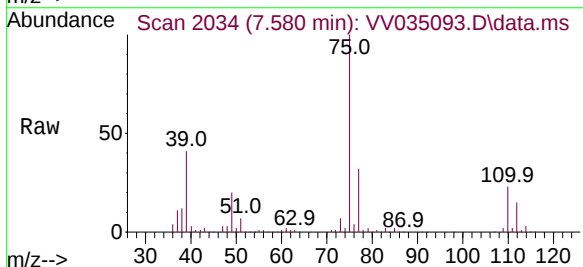
Acq: 09 Apr 2024 19:27

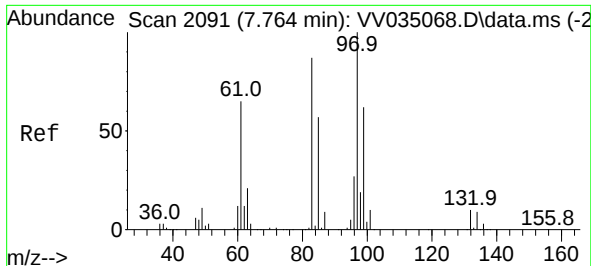
Tgt Ion: 75 Resp: 236450

Ion Ratio Lower Upper

75 100

77 32.1 21.7 40.3

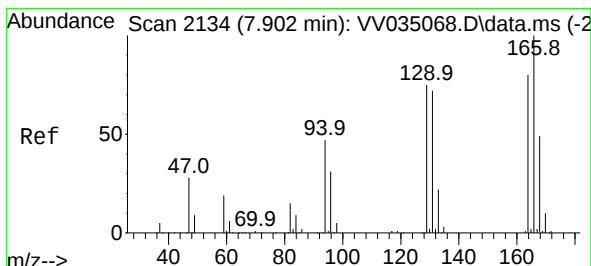
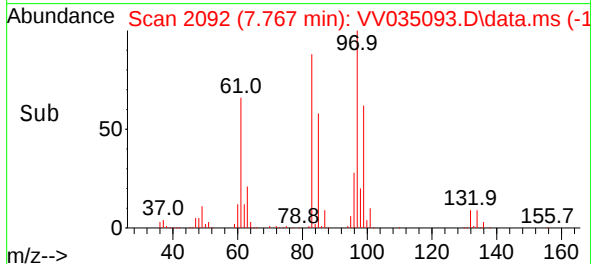
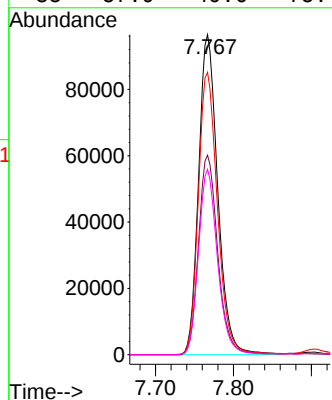
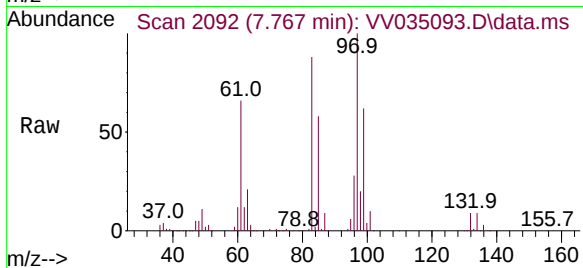




#45
1,1,2-Trichloroethane
Concen: 60.268 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

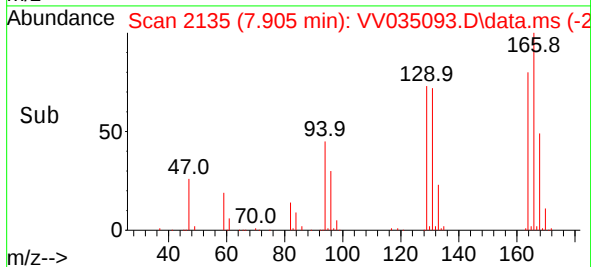
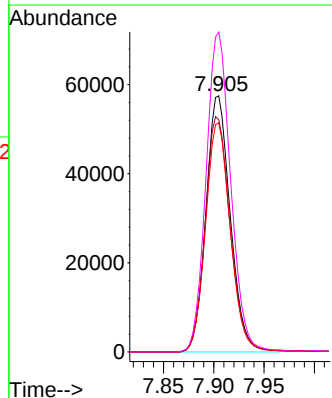
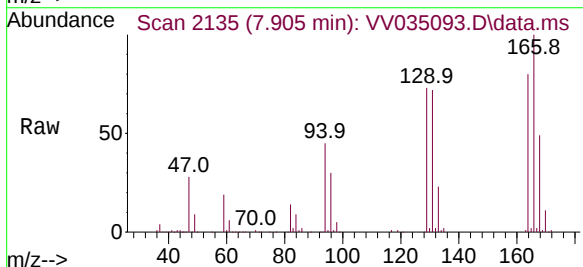
Instrument :
MSVOA_V
ClientSampleId :

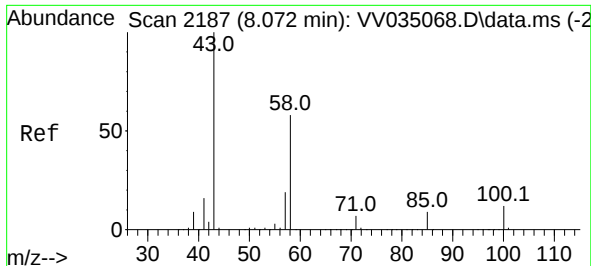
Tgt Ion:	97	Resp:	164948
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.3	80.3
83	88.3	61.6	114.4
85	57.9	40.6	75.4



#46
Tetrachloroethene
Concen: 48.960 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

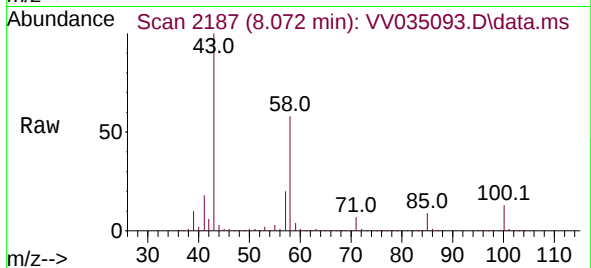
Tgt Ion:	164	Resp:	96996
Ion	Ratio	Lower	Upper
164	100		
129	90.7	68.6	127.4
131	89.4	65.7	122.1
166	124.9	89.0	165.2



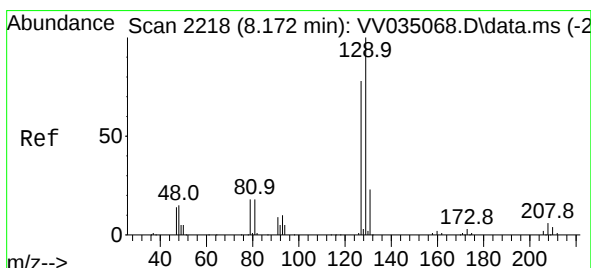
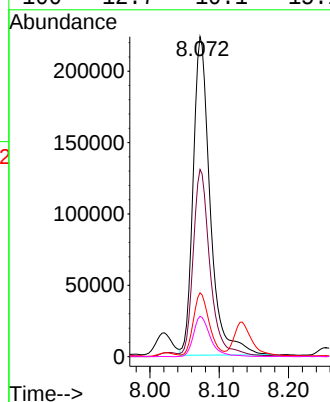
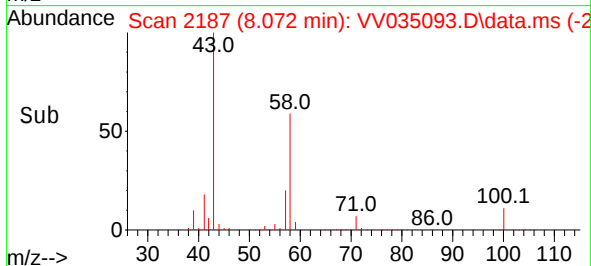


#48
2-Hexanone
Concen: 121.693 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

Instrument :
MSVOA_V
ClientSampleId :

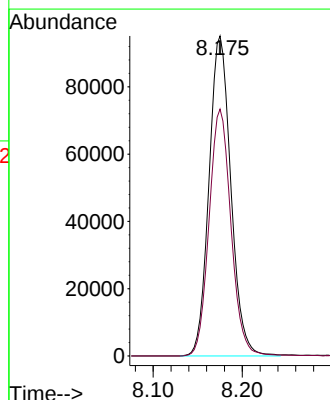
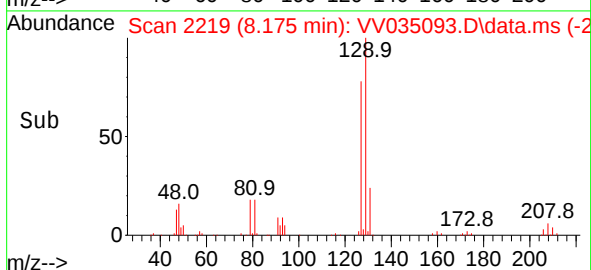
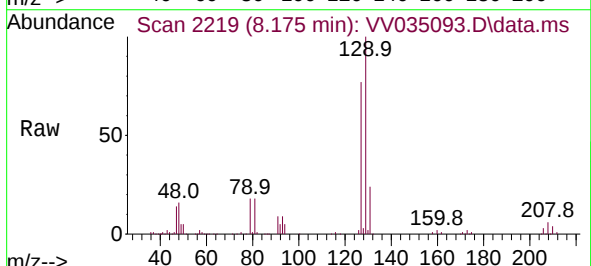


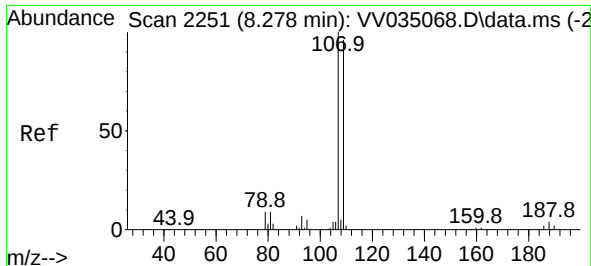
Tgt Ion: 43 Resp: 383719
Ion Ratio Lower Upper
43 100
58 57.7 45.4 68.2
57 18.8 16.2 24.4
100 12.7 10.1 15.1



#49
Dibromochloromethane
Concen: 59.721 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

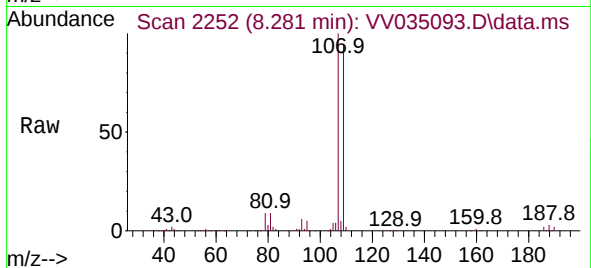
Tgt Ion: 129 Resp: 161886
Ion Ratio Lower Upper
129 100
127 77.1 54.1 100.5



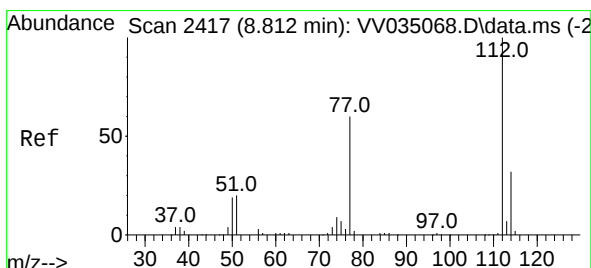
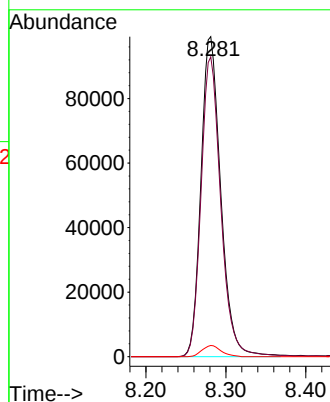
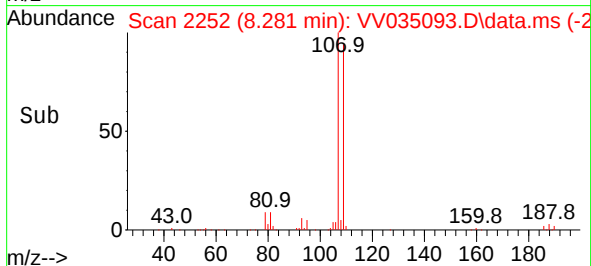


#50
1,2-Dibromoethane
Concen: 58.131 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

Instrument :
MSVOA_V
ClientSampleId :

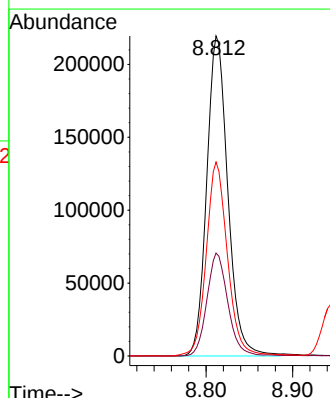
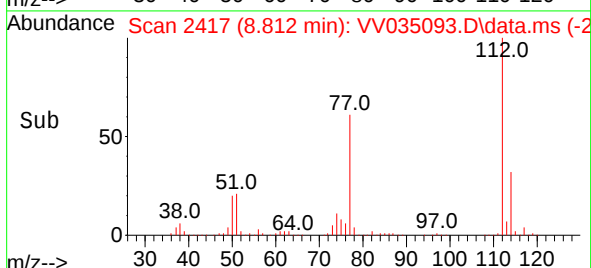
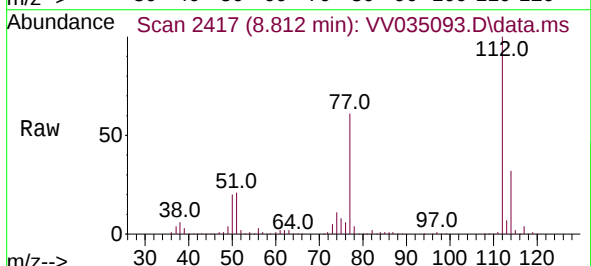


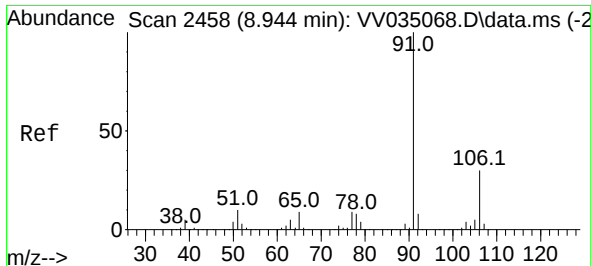
Tgt Ion:107 Resp: 171286
Ion Ratio Lower Upper
107 100
109 93.7 64.5 119.9
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 52.128 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

Tgt Ion:112 Resp: 371650
Ion Ratio Lower Upper
112 100
114 32.2 22.0 41.0
77 60.6 47.4 71.2





#52

Ethylbenzene

Concen: 49.490 ug/L

RT: 8.943 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

Instrument :

MSVOA_V

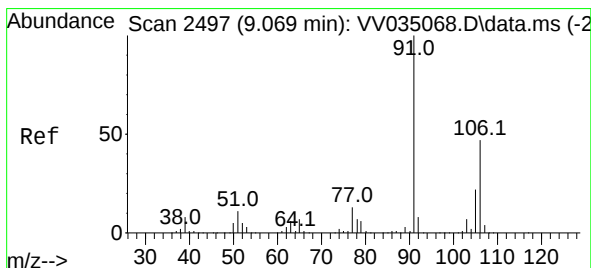
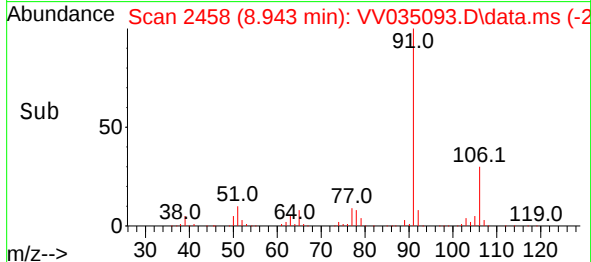
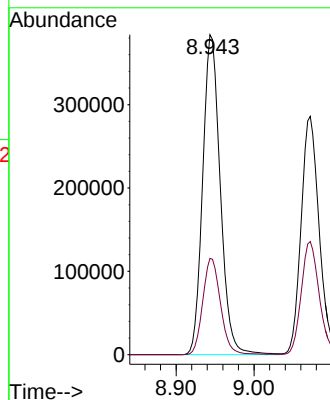
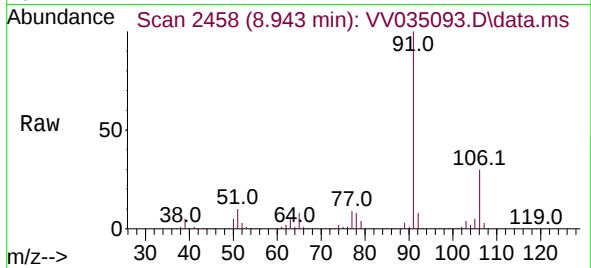
ClientSampleId :

Tgt Ion: 91 Resp: 603368

Ion Ratio Lower Upper

91 100

106 30.1 21.3 39.5



#53

m,p-Xylene

Concen: 48.560 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV035093.D

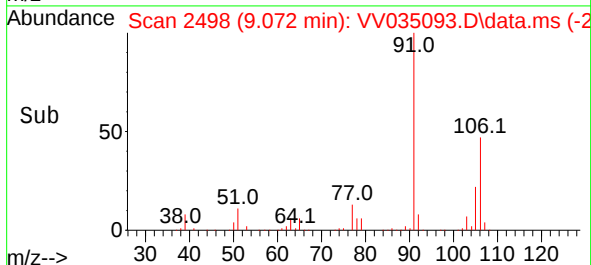
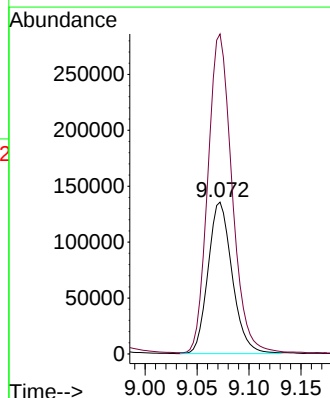
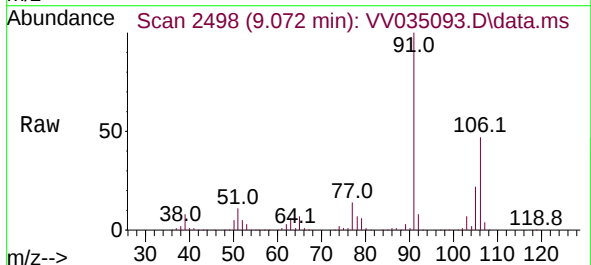
Acq: 09 Apr 2024 19:27

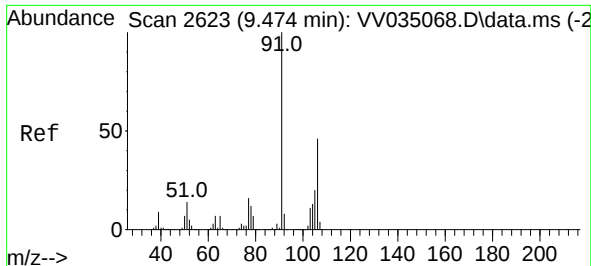
Tgt Ion:106 Resp: 218025

Ion Ratio Lower Upper

106 100

91 210.7 144.8 269.0

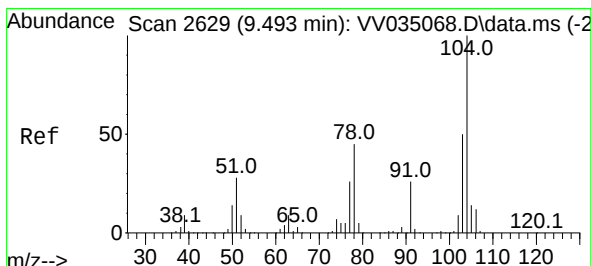
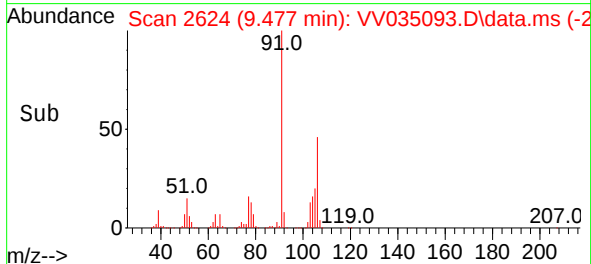
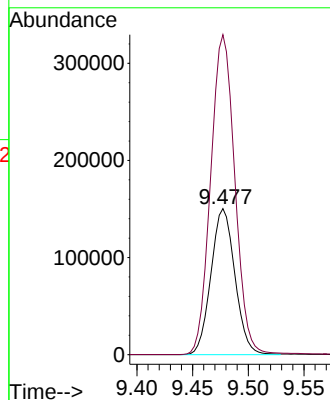
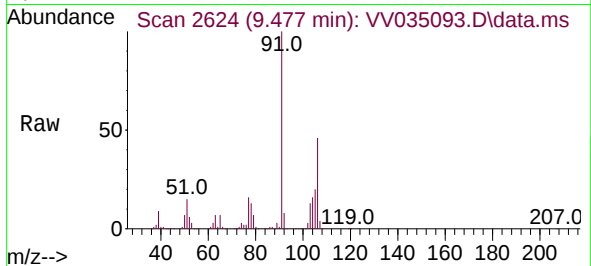




#54
o-Xylene
Concen: 50.700 ug/L
RT: 9.477 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

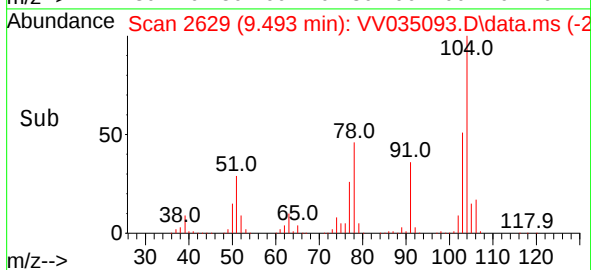
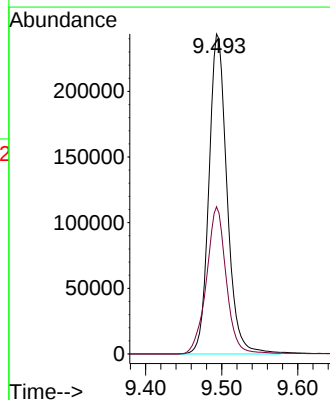
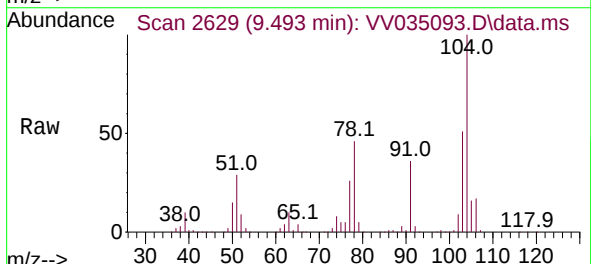
Instrument :
MSVOA_V
ClientSampleId :

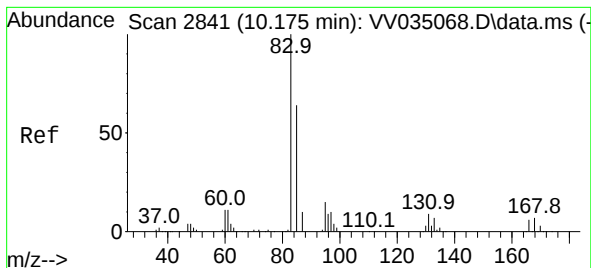
Tgt Ion:106 Resp: 225226
Ion Ratio Lower Upper
106 100
91 219.2 151.3 280.9



#55
Styrene
Concen: 53.726 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

Tgt Ion:104 Resp: 403328
Ion Ratio Lower Upper
104 100
78 46.0 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 62.932 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

Instrument :

MSVOA_V

ClientSampleId :

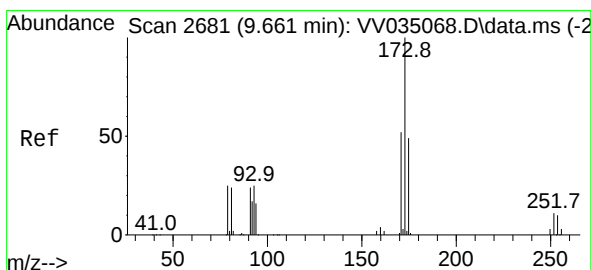
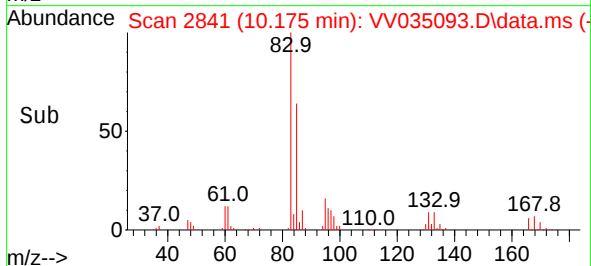
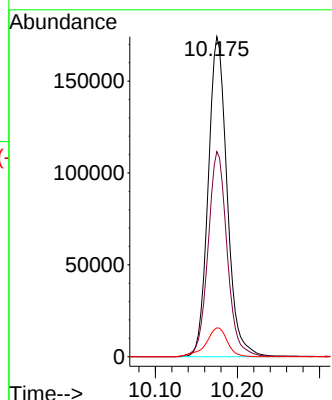
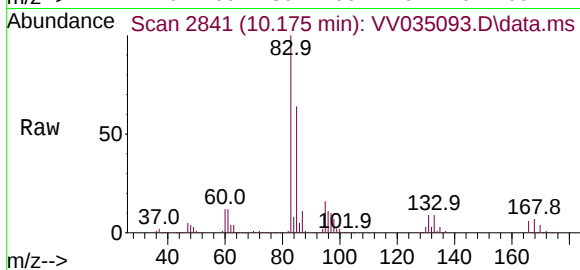
Tgt Ion: 83 Resp: 279064

Ion Ratio Lower Upper

83 100

85 64.1 44.5 82.7

131 9.0 6.9 10.3



#59

Bromoform

Concen: 64.554 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.003 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

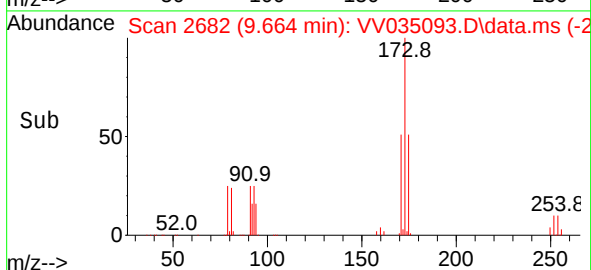
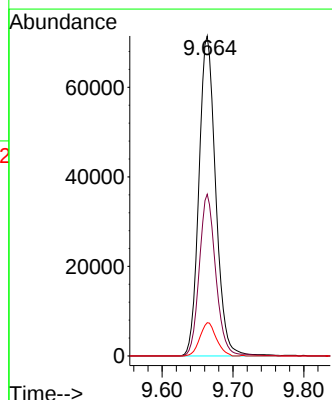
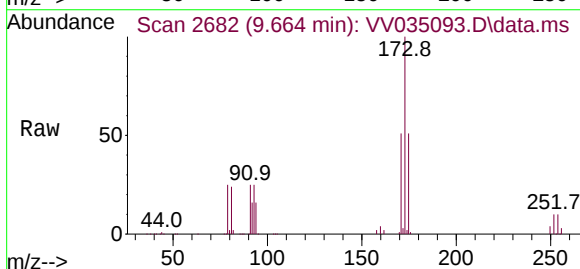
Tgt Ion: 173 Resp: 117240

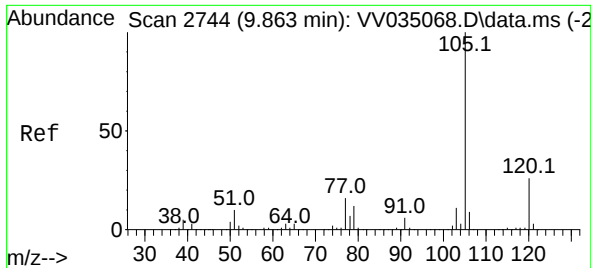
Ion Ratio Lower Upper

173 100

175 49.2 39.3 58.9

254 10.2 7.5 11.3

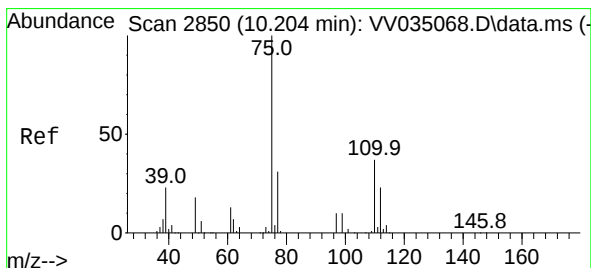
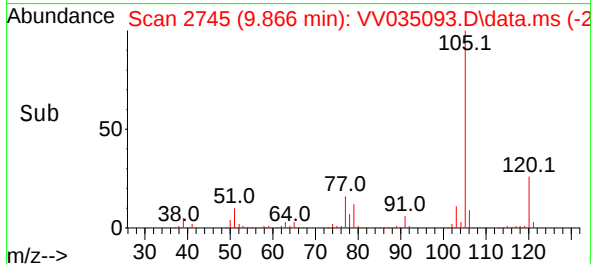
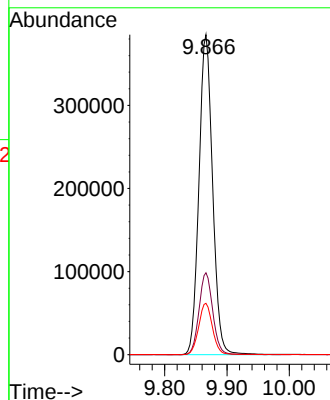
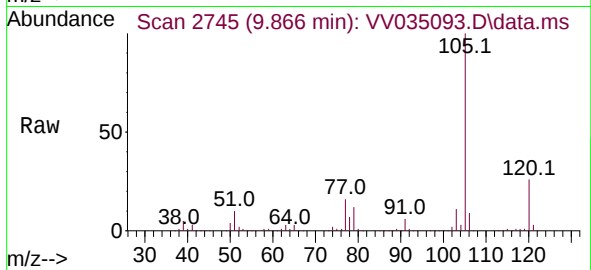




#60
Isopropylbenzene
Concen: 51.173 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

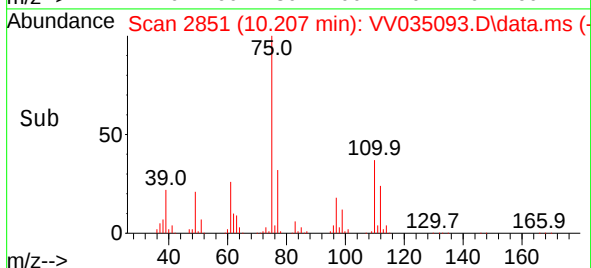
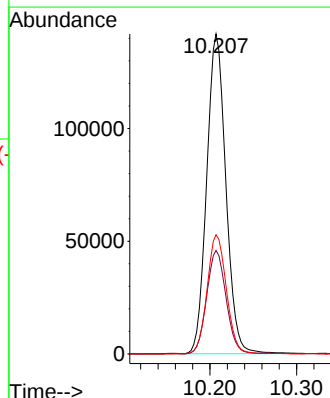
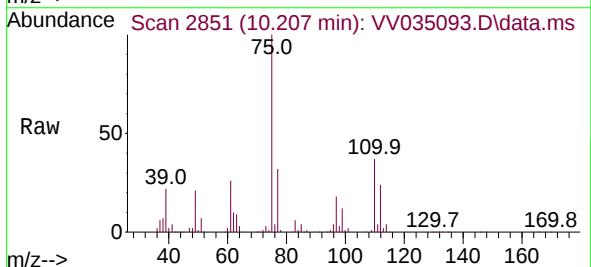
Instrument :
MSVOA_V
ClientSampleId :

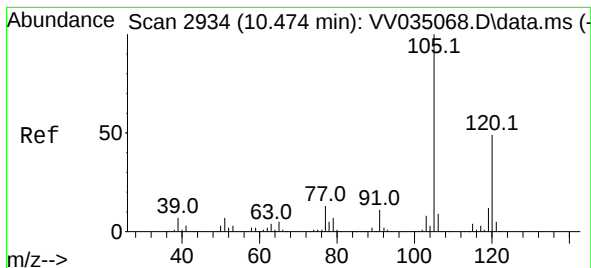
Tgt Ion:105 Resp: 584667
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.6
77 16.3 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 63.389 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

Tgt Ion: 75 Resp: 217693
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 37.5 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 50.807 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

Instrument :

MSVOA_V

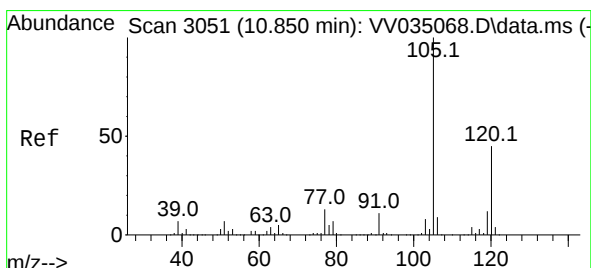
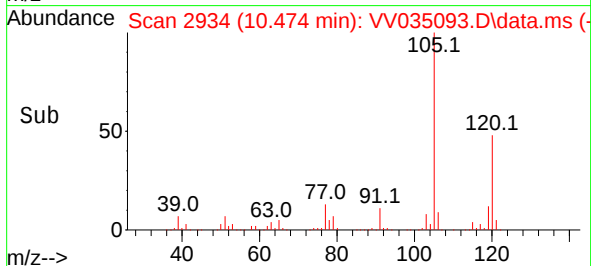
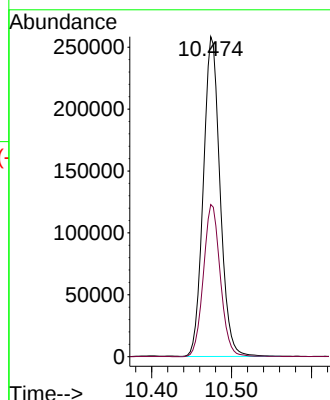
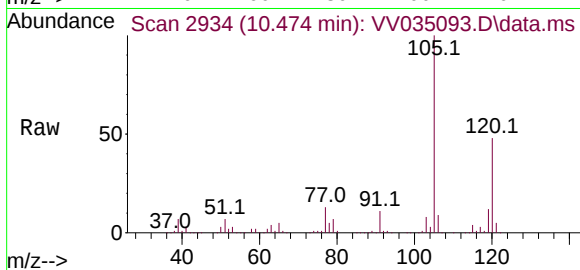
ClientSampleId :

Tgt Ion:105 Resp: 376993

Ion Ratio Lower Upper

105 100

120 48.2 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 51.291 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV035093.D

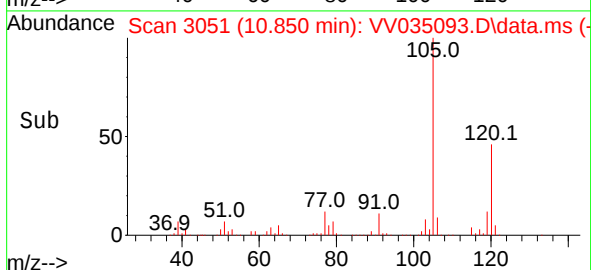
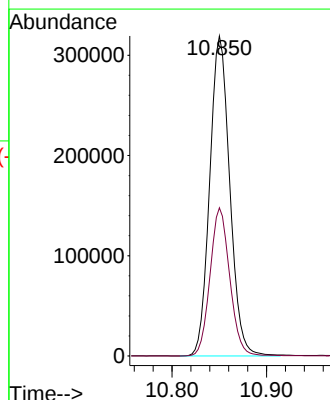
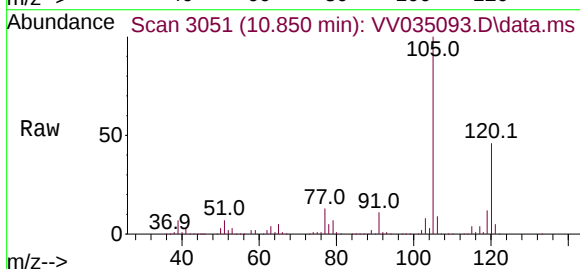
Acq: 09 Apr 2024 19:27

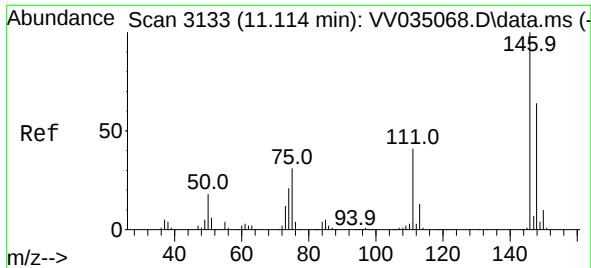
Tgt Ion:105 Resp: 470548

Ion Ratio Lower Upper

105 100

120 45.5 35.9 53.9

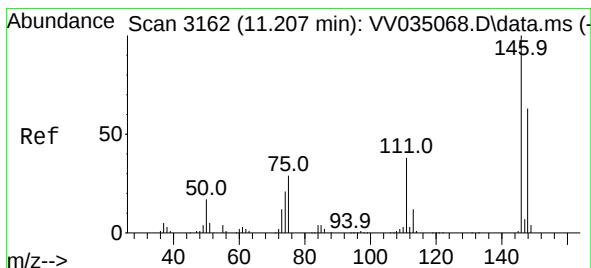
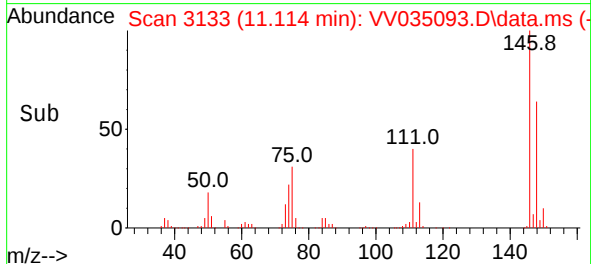
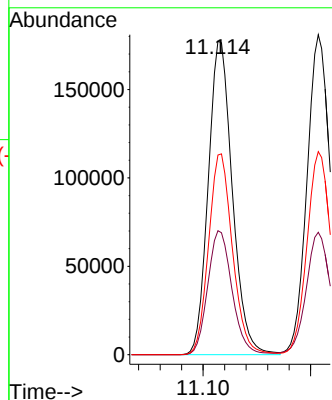
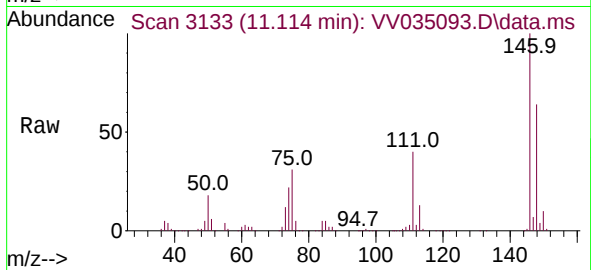




#64
1,3-Dichlorobenzene
Concen: 51.725 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

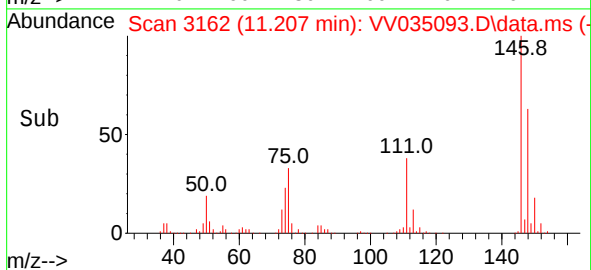
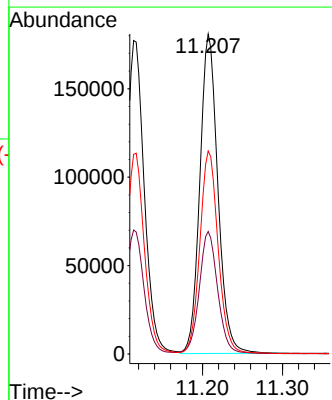
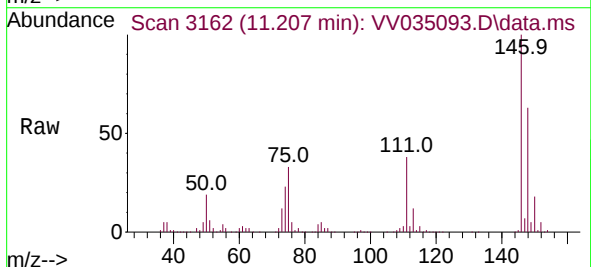
Instrument :
MSVOA_V
ClientSampleId :

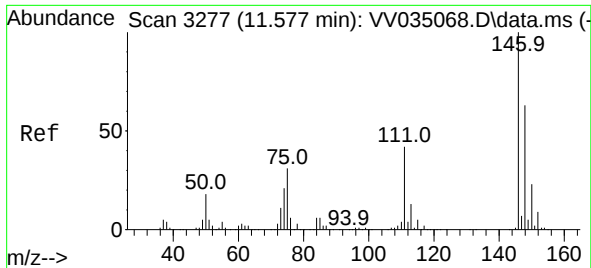
Tgt Ion:146 Resp: 276171
Ion Ratio Lower Upper
146 100
111 39.6 28.7 53.3
148 63.7 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 52.265 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

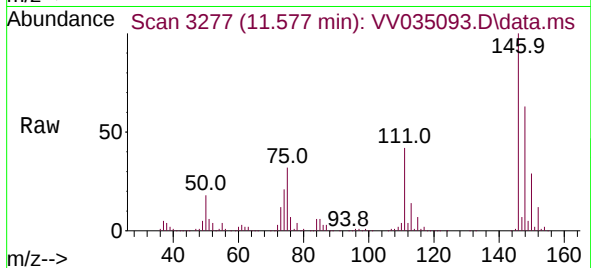
Tgt Ion:146 Resp: 283780
Ion Ratio Lower Upper
146 100
111 38.3 27.4 50.8
148 63.4 44.2 82.2



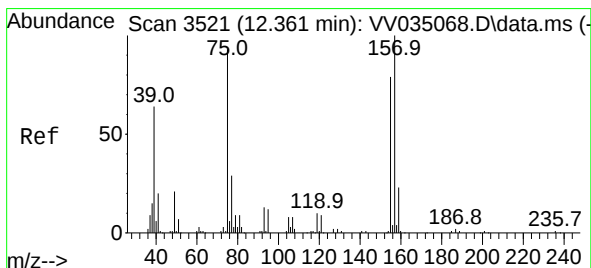
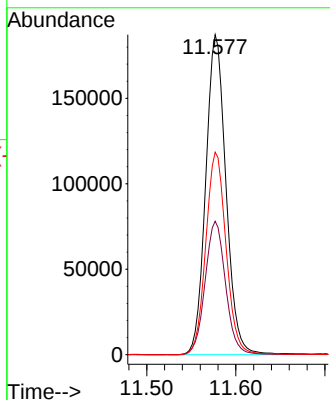
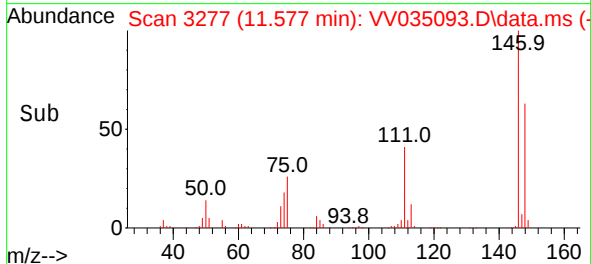


#67
1,2-Dichlorobenzene
Concen: 55.487 ug/L
RT: 11.577 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

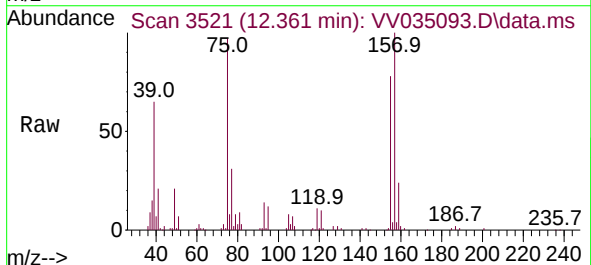
Instrument :
MSVOA_V
ClientSampleId :



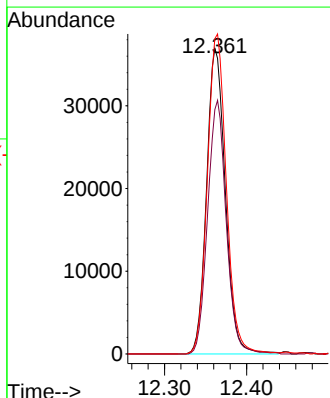
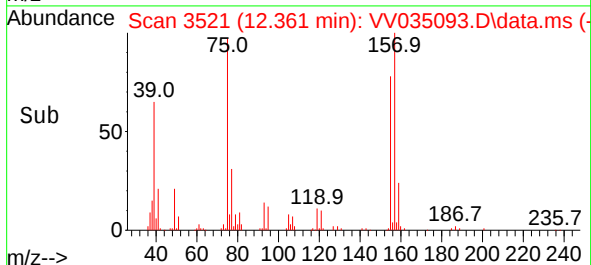
Tgt Ion:146 Resp: 295126
Ion Ratio Lower Upper
146 100
111 41.7 34.6 52.0
148 63.3 51.5 77.3

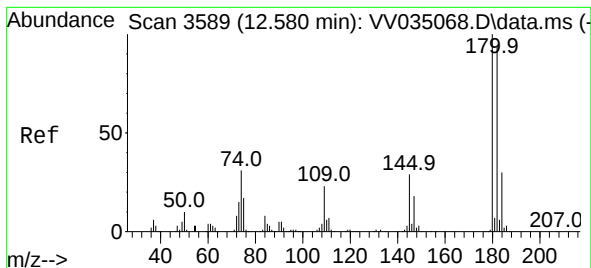


#68
1,2-Dibromo-3-chloropropane
Concen: 62.144 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27



Tgt Ion: 75 Resp: 58796
Ion Ratio Lower Upper
75 100
155 79.9 63.0 94.6
157 103.1 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 49.961 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

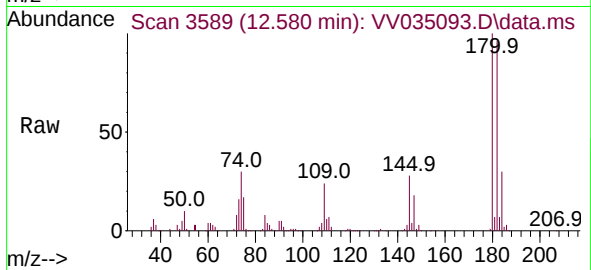
Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 192249

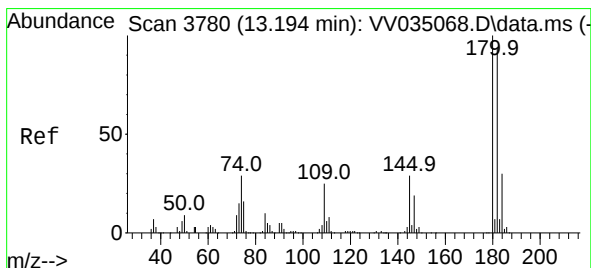
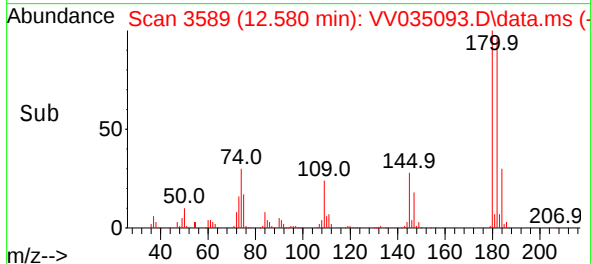
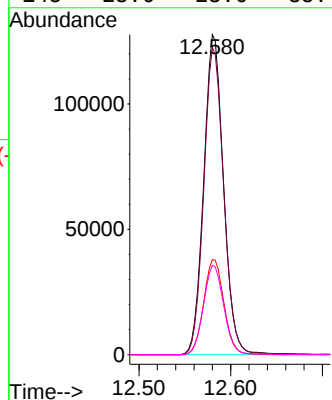
Ion Ratio Lower Upper

180 100

182 96.2 74.7 112.1

184 30.3 24.0 36.0

145 28.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 49.190 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035093.D

Acq: 09 Apr 2024 19:27

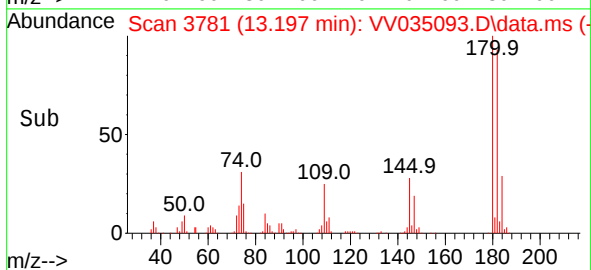
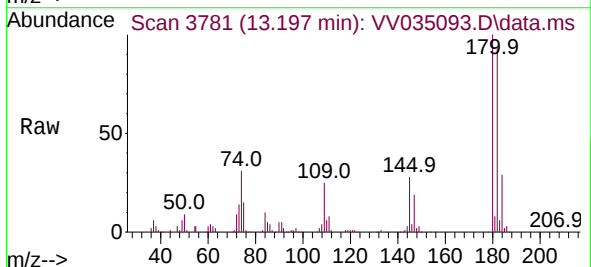
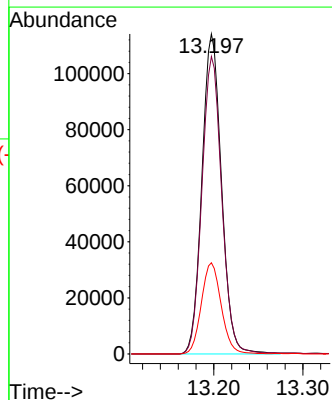
Tgt Ion:180 Resp: 173870

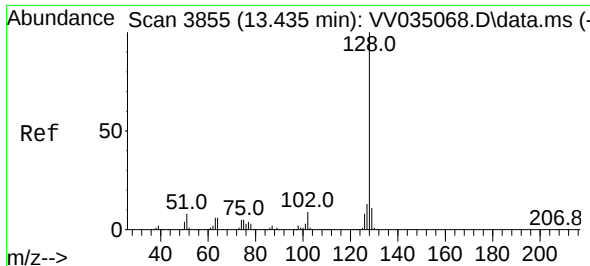
Ion Ratio Lower Upper

180 100

182 93.9 75.6 113.4

145 29.0 24.1 36.1

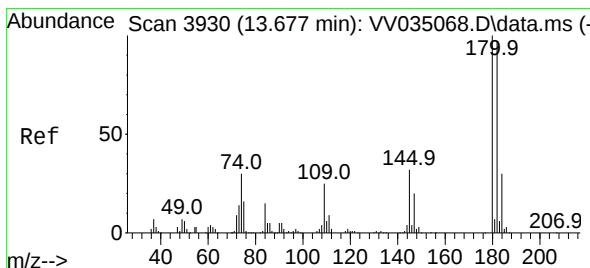
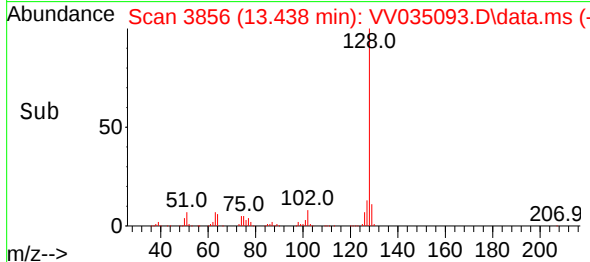
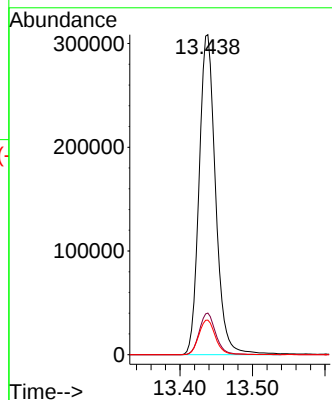
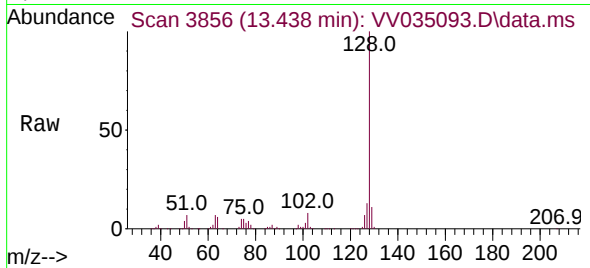




#71
Naphthalene
Concen: 49.658 ug/L
RT: 13.438 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 486971
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 54.154 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035093.D
Acq: 09 Apr 2024 19:27

Tgt Ion:180 Resp: 188684
Ion Ratio Lower Upper
180 100
182 94.7 76.2 114.2
145 31.0 25.8 38.6

