

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040924\
 Data File : VV035094.D
 Acq On : 09 Apr 2024 19:51
 Operator : SY/MD
 Sample : P1968-03MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 05:00:37 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	348229	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	331936	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	159846	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	121546	36.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.280%
7) Chloroethane-d5	1.529	69	128666	44.048	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.100%
11) 1,1-Dichloroethene-d2	2.056	65	55611	37.723	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.440%
21) 2-Butanone-d5	3.786	46	218947	109.773	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.770%
24) Chloroform-d	4.249	84	265961	47.037	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.080%
26) 1,2-Dichloroethane-d4	4.940	65	168248	46.867	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.740%
32) Benzene-d6	4.957	84	493285	44.241	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.480%
36) 1,2-Dichloropropane-d6	5.985	67	165689	46.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	7.239	98	430640	42.886	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.780%
43) trans-1,3-Dichloroprop...	7.551	79	76654	44.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.060%
47) 2-Hexanone-d5	8.024	63	146772	109.641	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.640%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	248881	51.045	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.080%
66) 1,2-Dichlorobenzene-d4	11.558	152	162265	45.213	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.420%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.108	85	105275	41.712	ug/L	99
3) Chloromethane	1.217	50	152115	46.882	ug/L	98
5) Vinyl chloride	1.281	62	160674	47.236	ug/L	98
6) Bromomethane	1.484	94	126402	49.575	ug/L	98
8) Chloroethane	1.545	64	122659	52.799	ug/L	99
9) Trichlorofluoromethane	1.712	101	209334	46.889	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	126594	46.328	ug/L	99
12) 1,1-Dichloroethene	2.069	96	122437	46.848	ug/L	88
13) Acetone	2.117	43	177351	96.852	ug/L	99
14) Carbon disulfide	2.240	76	302847	41.149	ug/L	99
15) Methyl Acetate	2.375	43	188795	65.426	ug/L	98
16) Methylene chloride	2.445	84	161652	57.085	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	126202	49.947	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	518676	58.442	ug/L	98
19) 1,1-Dichloroethane	3.111	63	298632	57.634	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	157317	54.829	ug/L	99
22) 2-Butanone	3.870	43	237600	111.820	ug/L	100
23) Bromochloromethane	4.146	128	82398	57.399	ug/L	97
25) Chloroform	4.275	83	294836	57.553	ug/L	100

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 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

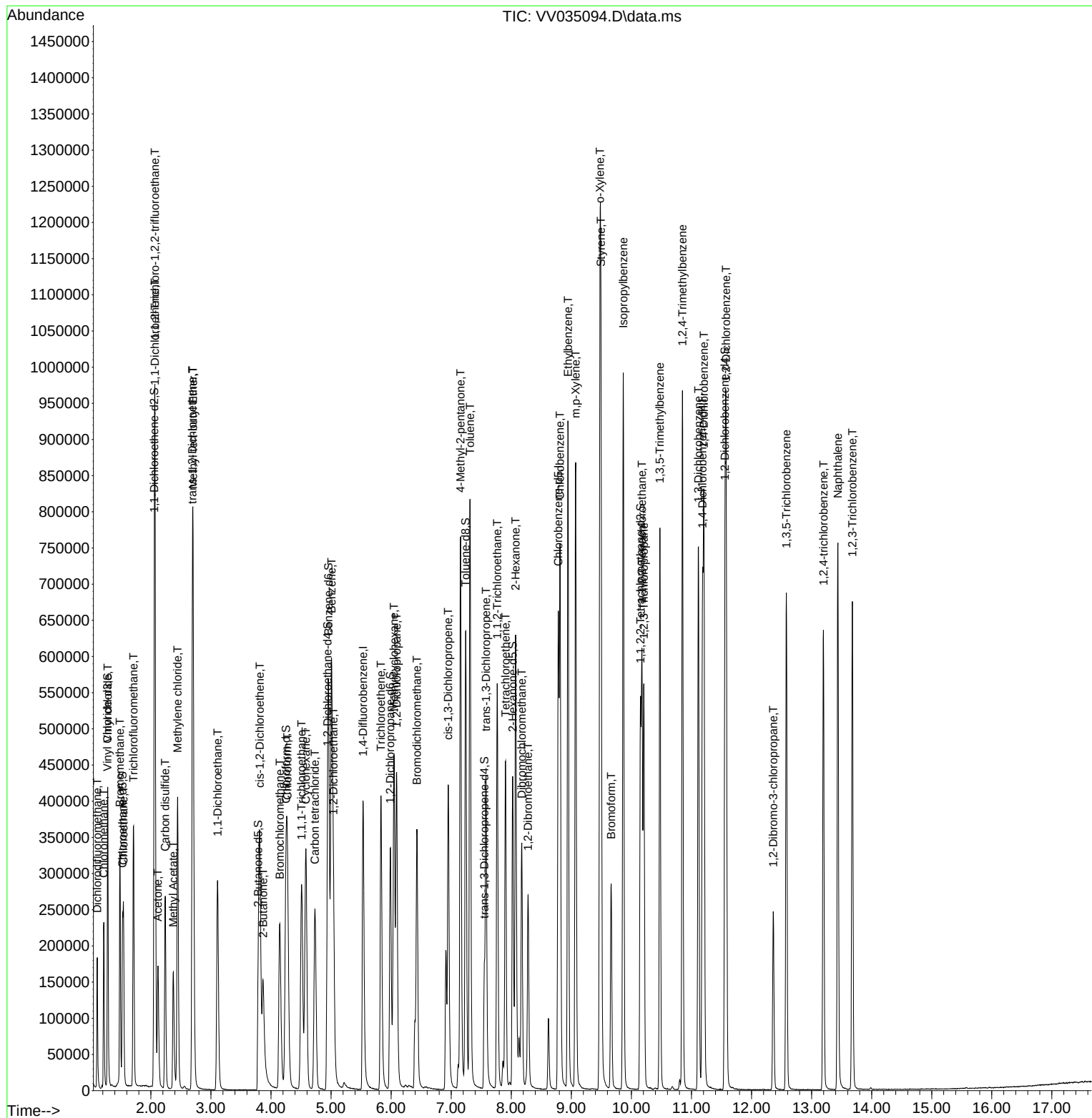
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	235062	57.630	ug/L	99
29) Cyclohexane	4.580	56	186456	44.849	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	233770	54.029	ug/L	99
31) Carbon tetrachloride	4.731	117	189256	51.606	ug/L	100
33) Benzene	5.008	78	591742	54.670	ug/L	100
34) Trichloroethene	5.831	95	146237	50.062	ug/L	99
35) Methylcyclohexane	6.050	83	192912	43.728	ug/L	99
37) 1,2-Dichloropropane	6.092	63	172453	57.653	ug/L	100
38) Bromodichloromethane	6.429	83	226356	58.650	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	264415	56.114	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	479958	125.673	ug/L	100
42) Toluene	7.313	91	603043	53.216	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	249282	57.583	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	169993	60.295	ug/L	99
46) Tetrachloroethene	7.905	164	102262	50.108	ug/L	98
48) 2-Hexanone	8.072	43	392709	120.901	ug/L	98
49) Dibromochloromethane	8.175	129	165258	59.182	ug/L	100
50) 1,2-Dibromoethane	8.278	107	176965	58.301	ug/L	99
51) Chlorobenzene	8.812	112	392989	53.508	ug/L	99
52) Ethylbenzene	8.944	91	634754	50.542	ug/L	99
53) m,p-Xylene	9.072	106	232877	50.351	ug/L	100
54) o-Xylene	9.477	106	236080	51.588	ug/L	96
55) Styrene	9.493	104	421861	54.551	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	285985	62.606	ug/L	99
59) Bromoform	9.664	173	121665	66.418	ug/L	99
60) Isopropylbenzene	9.866	105	615077	53.376	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	226182	65.299	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	398619	53.263	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	502941	54.354	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	293704	54.539	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	298270	54.465	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	308280	57.466	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	61411	64.354	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	203782	52.506	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	187943	52.718	ug/L	99
71) Naphthalene	13.438	128	581893	58.831	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	201832	57.434	ug/L	99

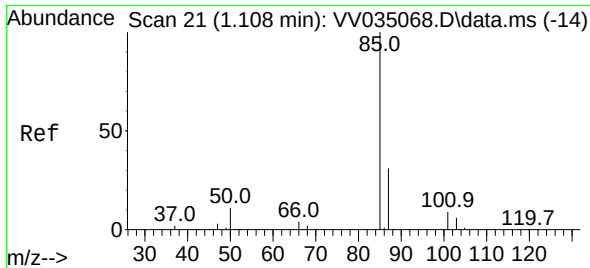
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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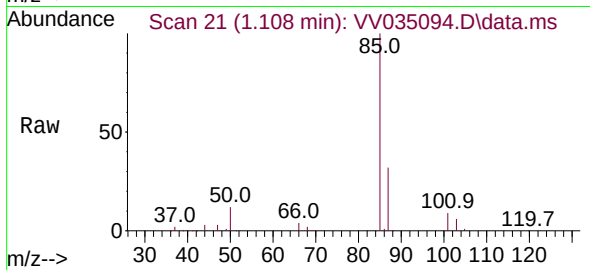
Quant Time: Apr 10 05:00:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
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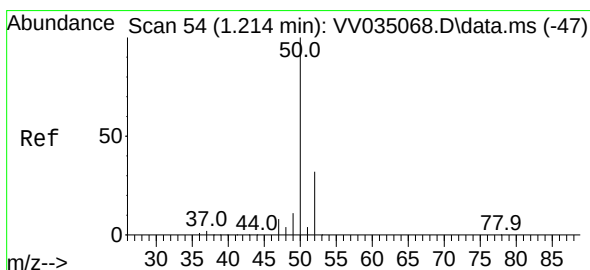
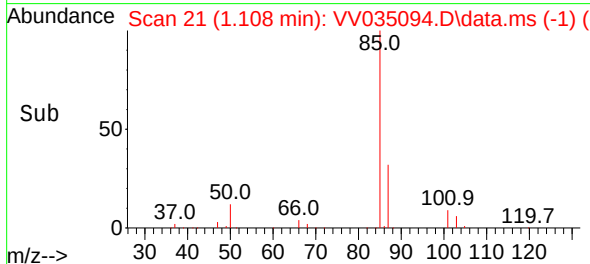
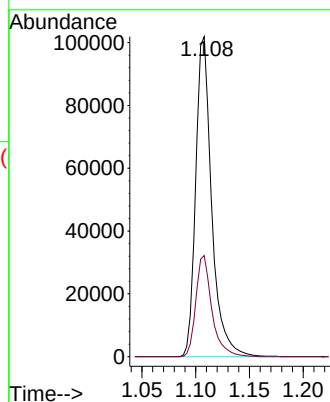


#2
 Dichlorodifluoromethane
 Concen: 41.712 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV035094.D
 Acq: 09 Apr 2024 19:51

Instrument :
 MSVOA_V
 ClientSampleId :

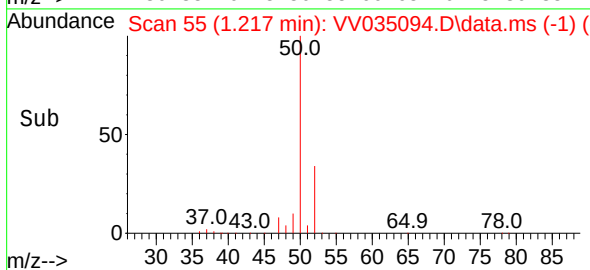
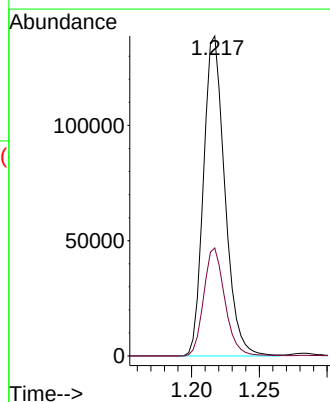
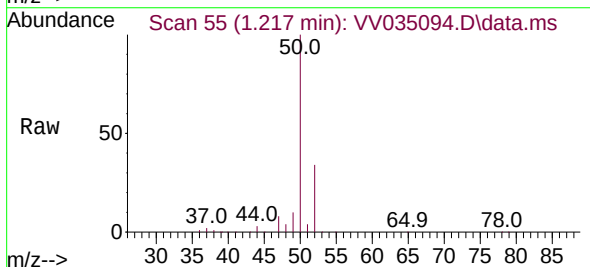


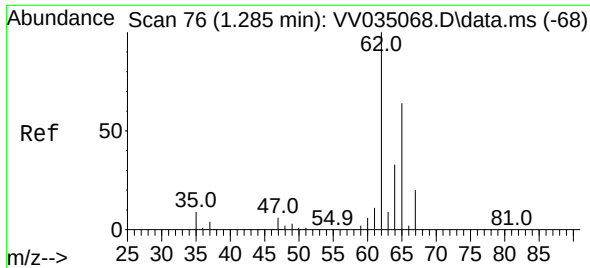
Tgt Ion: 85 Resp: 105275
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.7 38.5



#3
 Chloromethane
 Concen: 46.882 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV035094.D
 Acq: 09 Apr 2024 19:51

Tgt Ion: 50 Resp: 152115
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.0 42.8

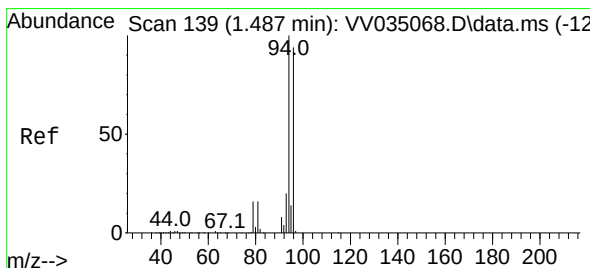
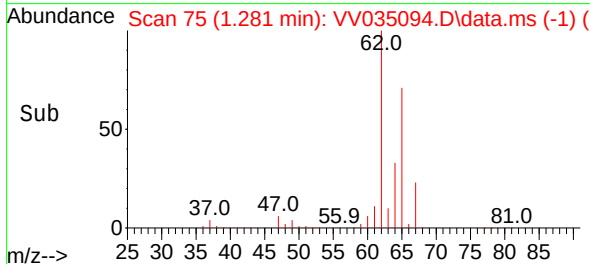
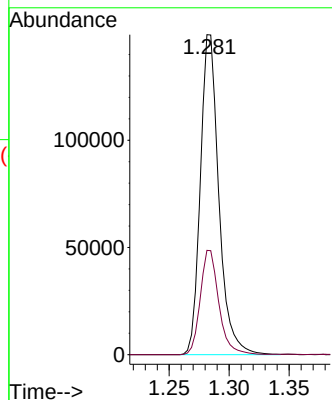
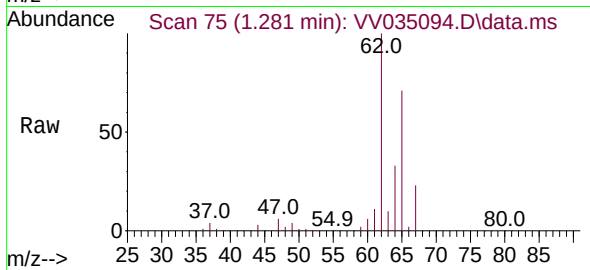




#5
 Vinyl chloride
 Concen: 47.236 ug/L
 RT: 1.281 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV035094.D
 Acq: 09 Apr 2024 19:51

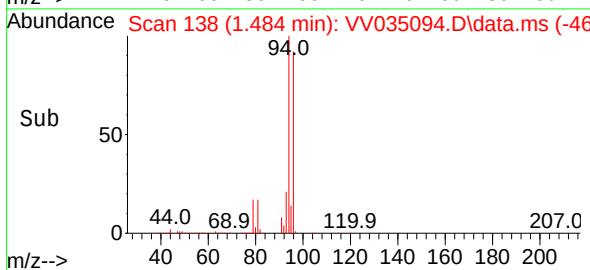
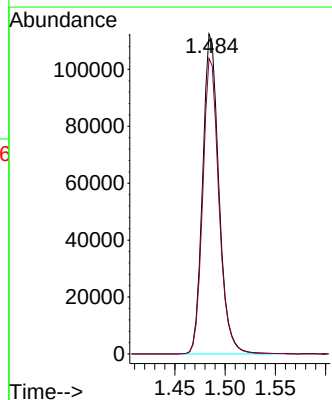
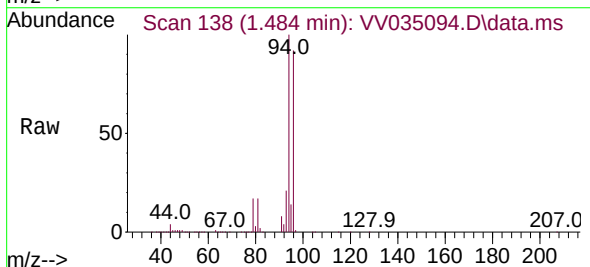
Instrument :
 MSVOA_V
 ClientSampleId :

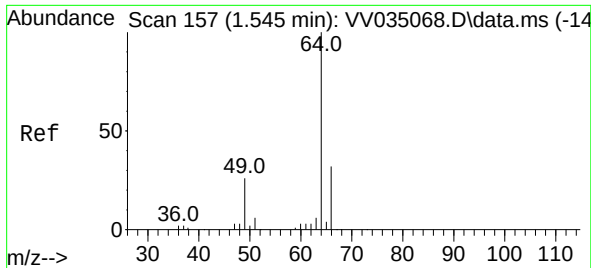
Tgt Ion: 62 Resp: 160674
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.6 43.8



#6
 Bromomethane
 Concen: 49.575 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV035094.D
 Acq: 09 Apr 2024 19:51

Tgt Ion: 94 Resp: 126402
 Ion Ratio Lower Upper
 94 100
 96 92.4 66.3 123.1

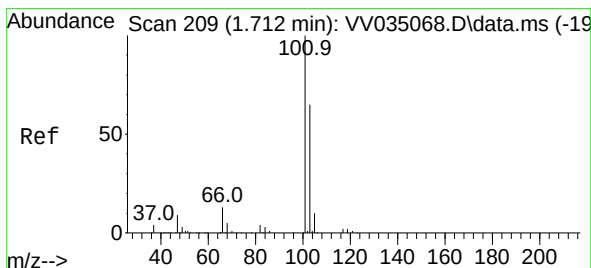
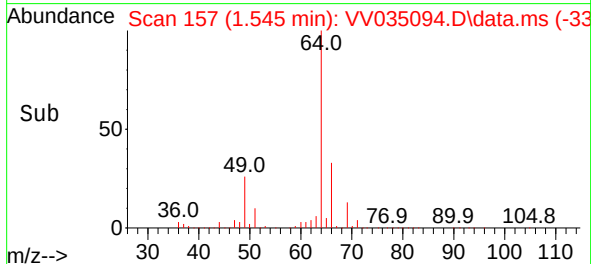
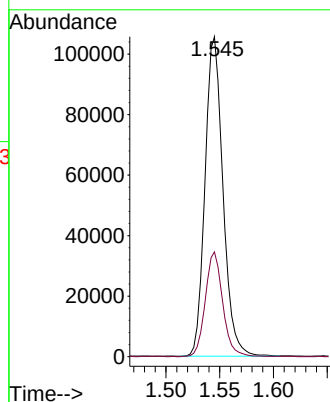
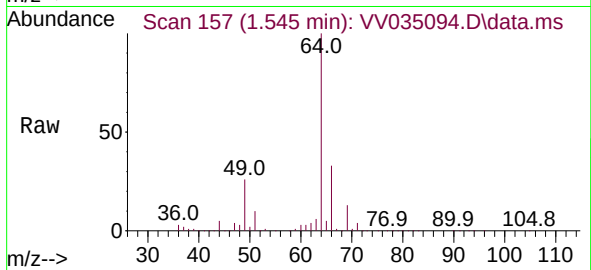




#8
Chloroethane
Concen: 52.799 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

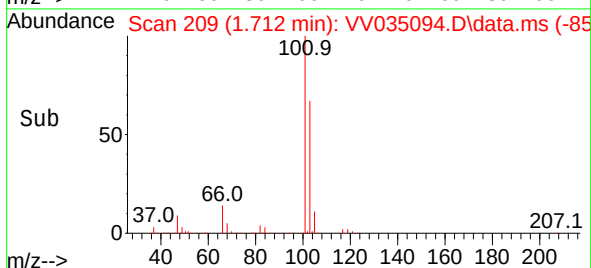
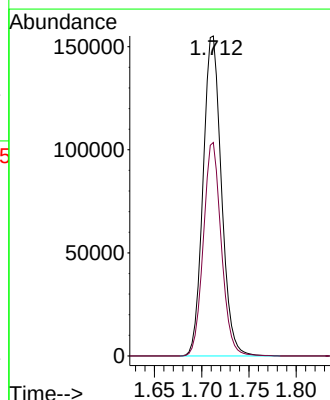
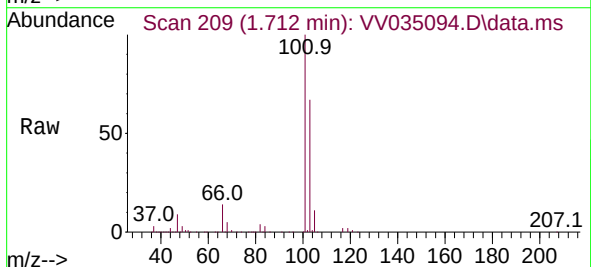
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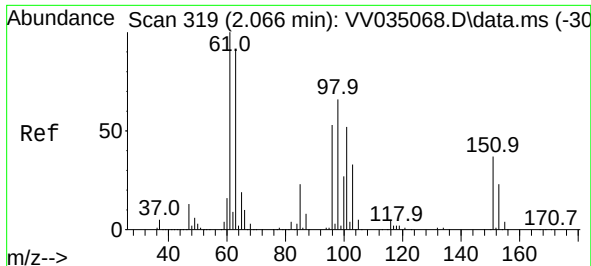
Tgt Ion: 64 Resp: 122659
Ion Ratio Lower Upper
64 100
66 32.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 46.889 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

Tgt Ion:101 Resp: 209334
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4

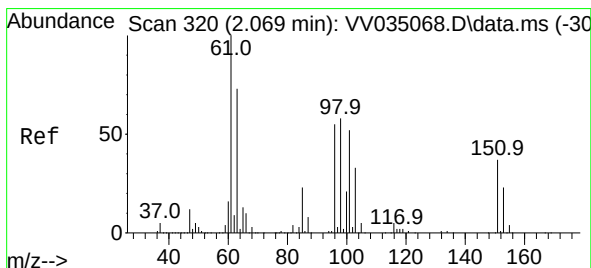
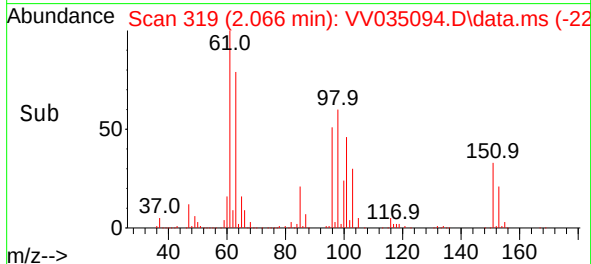
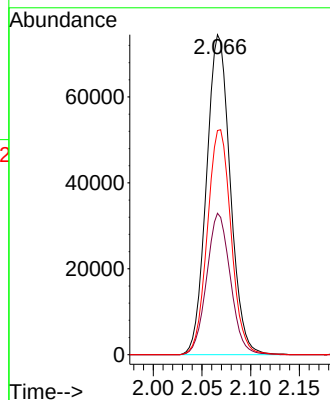
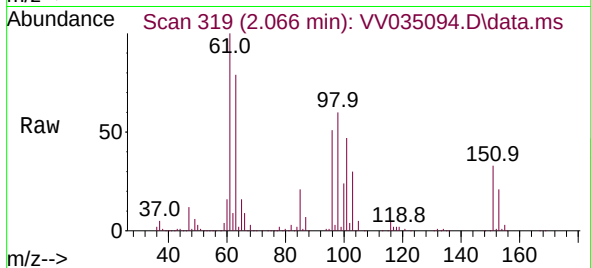




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.328 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV035094.D
 Acq: 09 Apr 2024 19:51

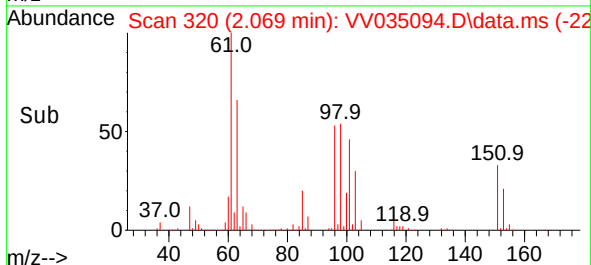
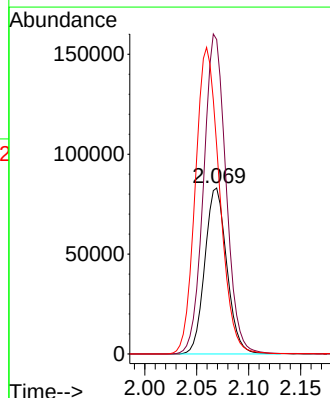
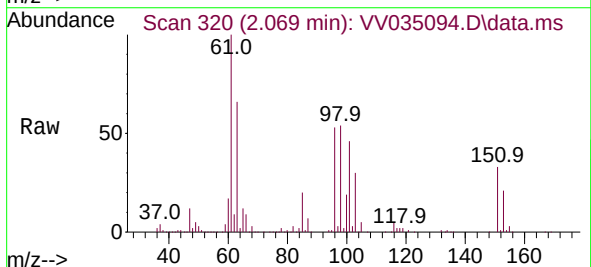
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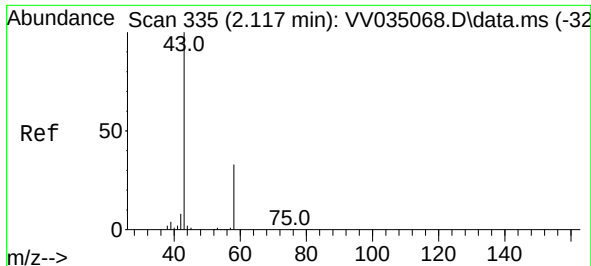
Tgt Ion:101 Resp: 126594
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.3 52.9
 151 70.3 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 46.848 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV035094.D
 Acq: 09 Apr 2024 19:51

Tgt Ion: 96 Resp: 122437
 Ion Ratio Lower Upper
 96 100
 61 189.4 131.5 244.3
 63 125.4 111.4 206.8





#13

Acetone

Concen: 96.852 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

Instrument :

MSVOA_V

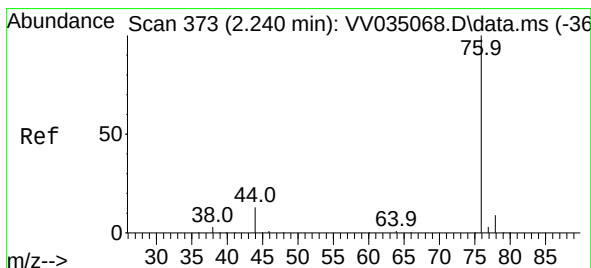
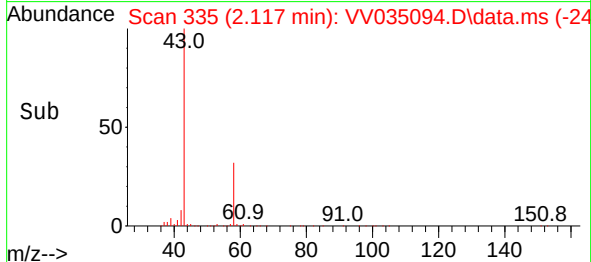
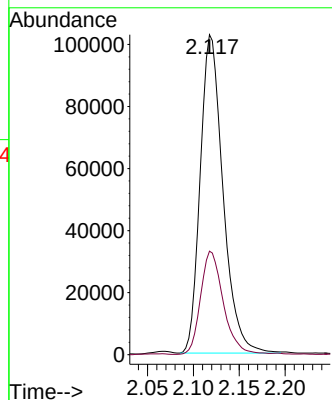
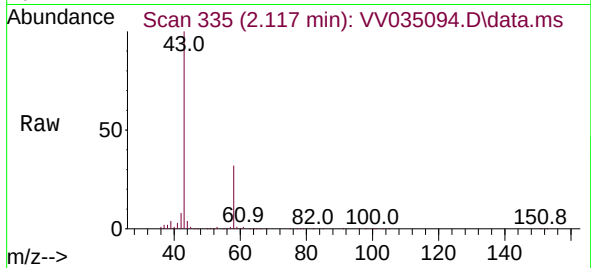
ClientSampleId :

Tgt Ion: 43 Resp: 177351

Ion Ratio Lower Upper

43 100

58 32.4 0.0 66.0



#14

Carbon disulfide

Concen: 41.149 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV035094.D

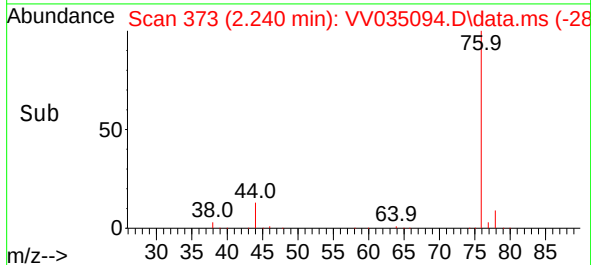
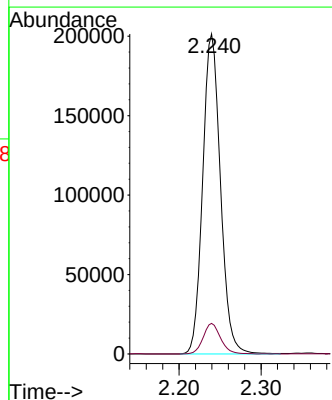
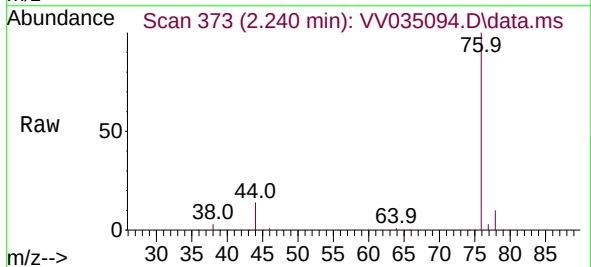
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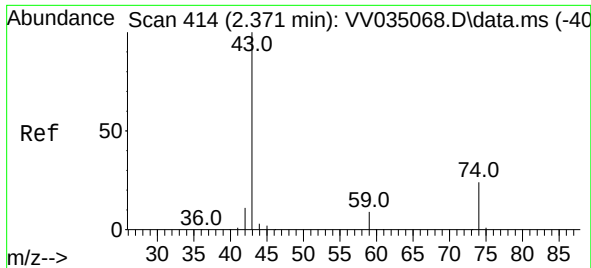
Tgt Ion: 76 Resp: 302847

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0

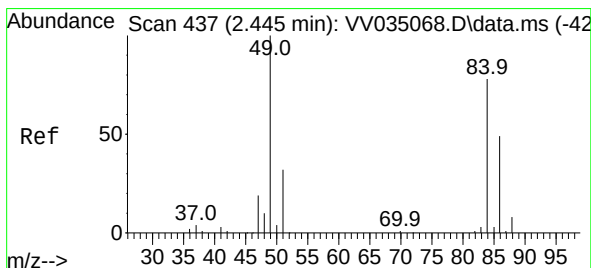
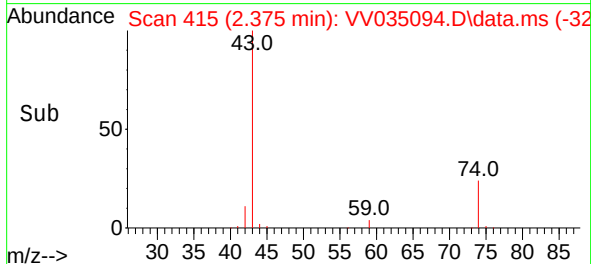
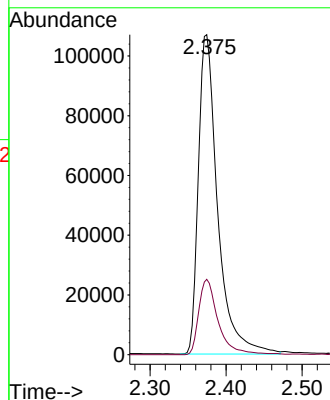
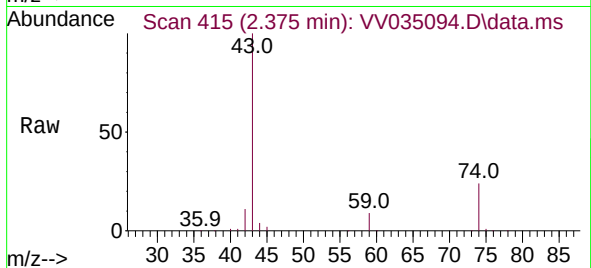




#15
Methyl Acetate
Concen: 65.426 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

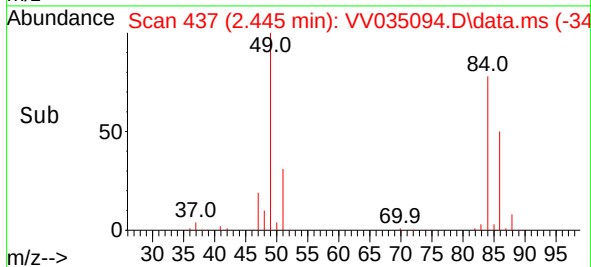
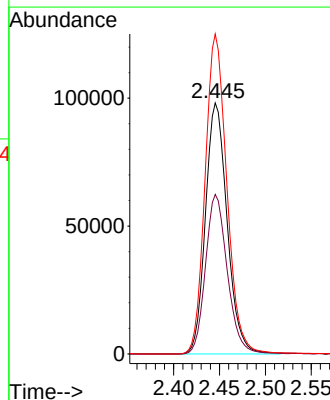
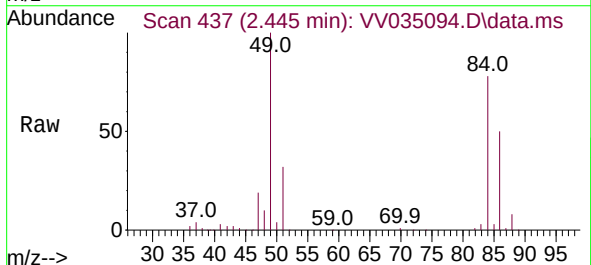
Instrument :
MSVOA_V
ClientSampleId :

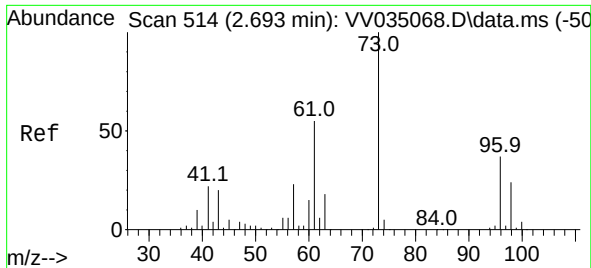
Tgt Ion: 43 Resp: 188795
Ion Ratio Lower Upper
43 100
74 23.6 19.8 29.8



#16
Methylene chloride
Concen: 57.085 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

Tgt Ion: 84 Resp: 161652
Ion Ratio Lower Upper
84 100
86 63.5 44.6 82.8
49 127.4 86.9 161.3





#17

trans-1,2-Dichloroethene

Concen: 49.947 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

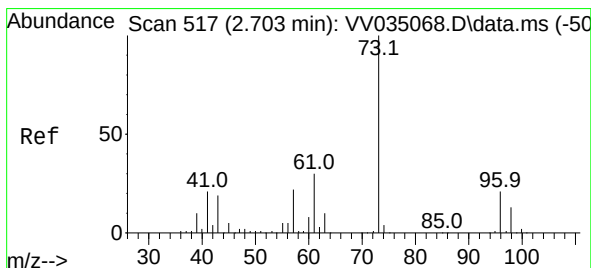
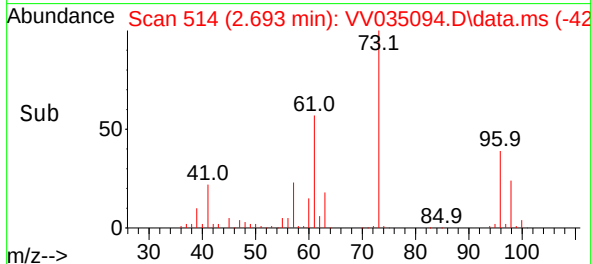
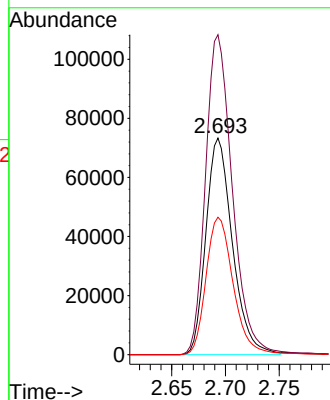
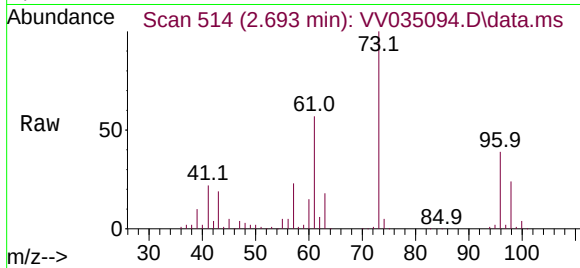
Tgt Ion: 96 Resp: 126202

Ion Ratio Lower Upper

96 100

61 147.7 99.0 183.8

98 63.4 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 58.442 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

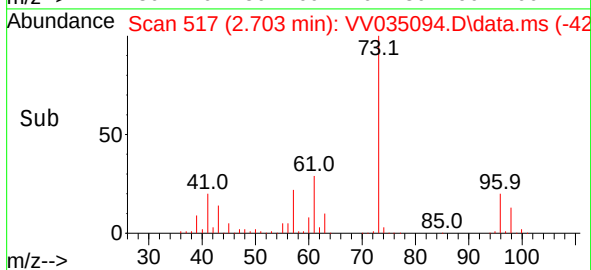
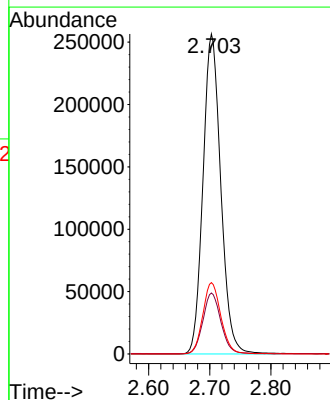
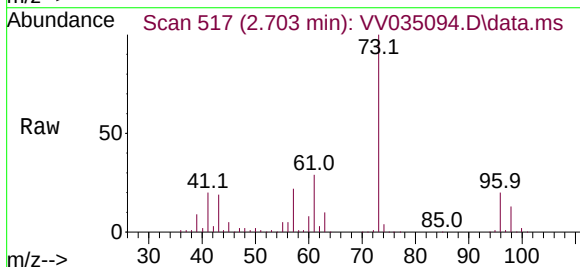
Tgt Ion: 73 Resp: 518676

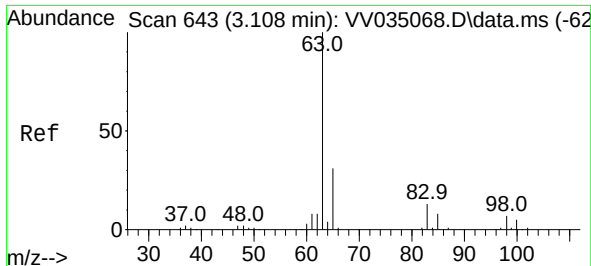
Ion Ratio Lower Upper

73 100

43 19.1 14.6 21.8

57 22.7 17.6 26.4





#19

1,1-Dichloroethane

Concen: 57.634 ug/L

RT: 3.111 min Scan# 643

Delta R.T. 0.003 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

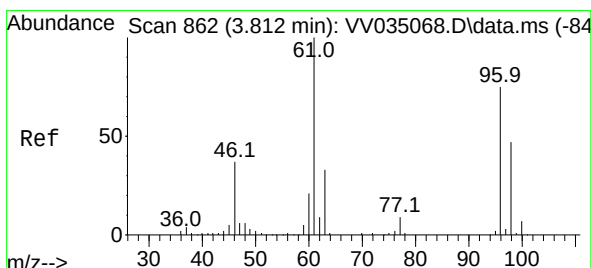
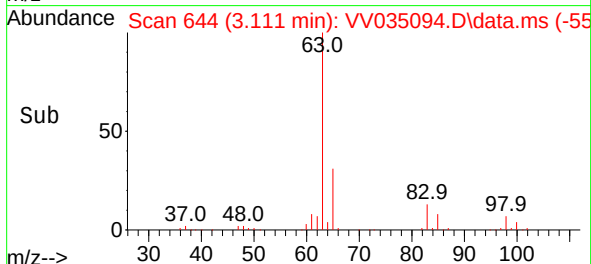
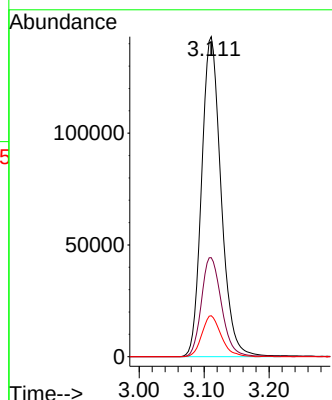
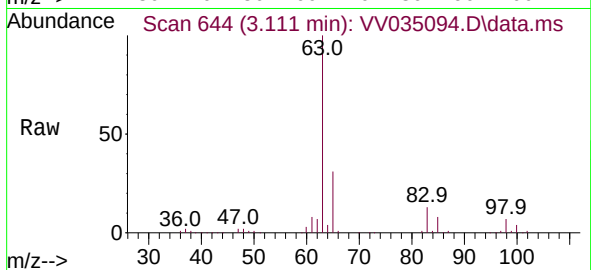
Tgt Ion: 63 Resp: 298632

Ion Ratio Lower Upper

63 100

65 31.0 23.0 42.6

83 12.8 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 54.829 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.000 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

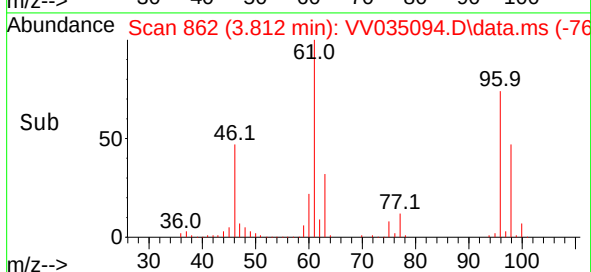
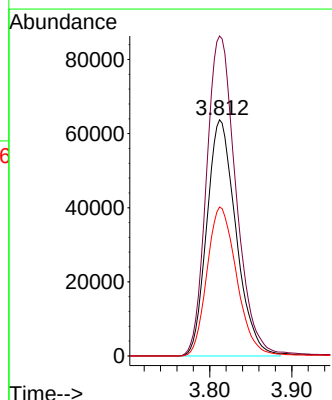
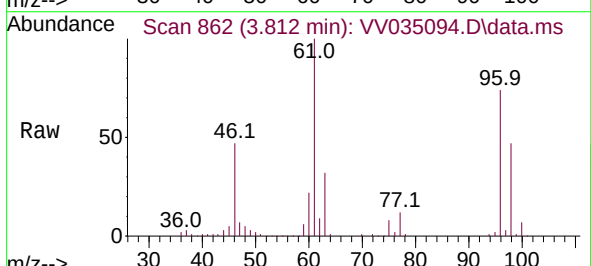
Tgt Ion: 96 Resp: 157317

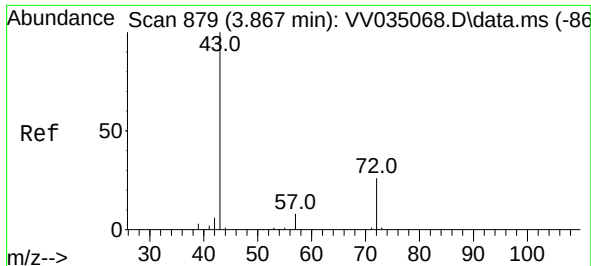
Ion Ratio Lower Upper

96 100

61 135.5 94.9 176.3

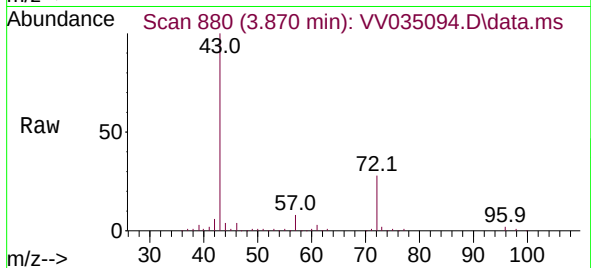
98 63.1 45.6 84.8



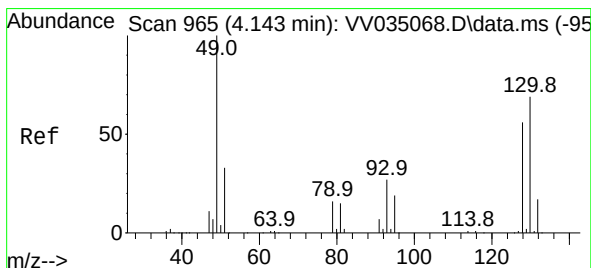
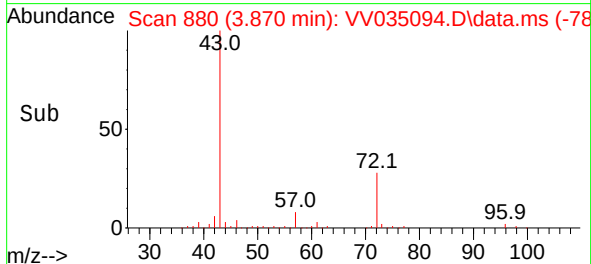
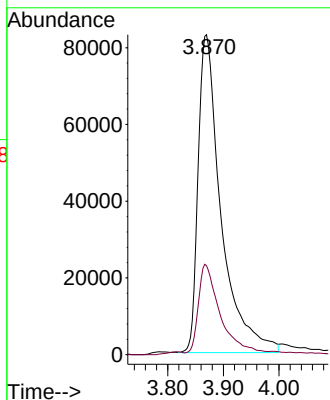


#22
2-Butanone
Concen: 111.820 ug/L
RT: 3.870 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :

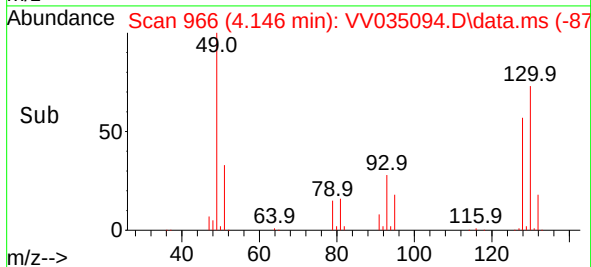
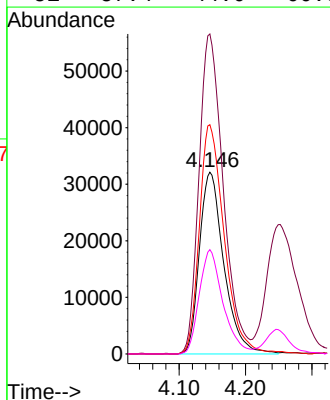
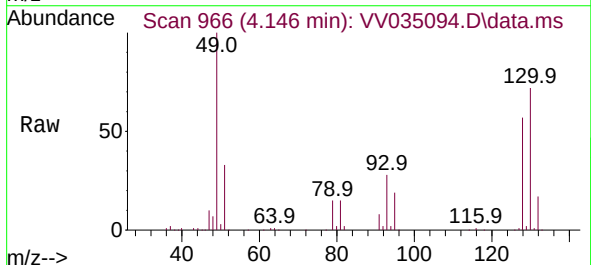


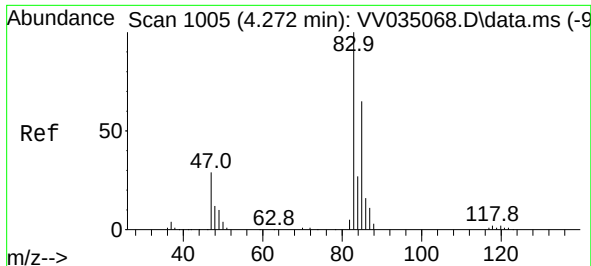
Tgt Ion: 43 Resp: 237600
Ion Ratio Lower Upper
43 100
72 26.2 13.2 39.6



#23
Bromochloromethane
Concen: 57.399 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

Tgt Ion:128 Resp: 82398
Ion Ratio Lower Upper
128 100
49 176.0 123.8 229.8
130 126.1 93.2 173.0
51 57.4 44.0 66.0





#25

Chloroform

Concen: 57.553 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

Instrument :

MSVOA_V

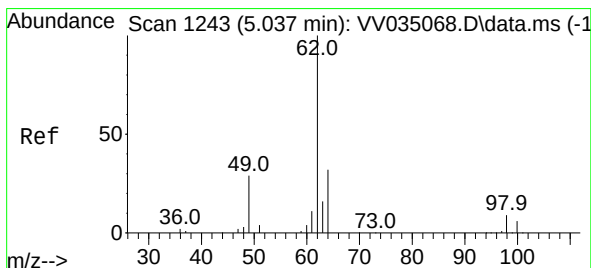
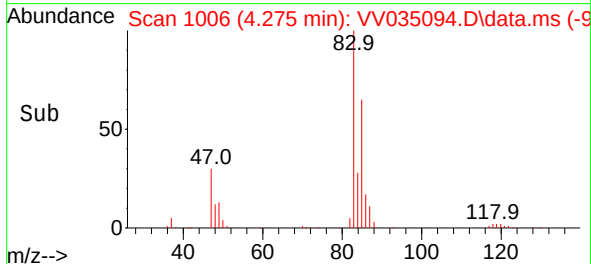
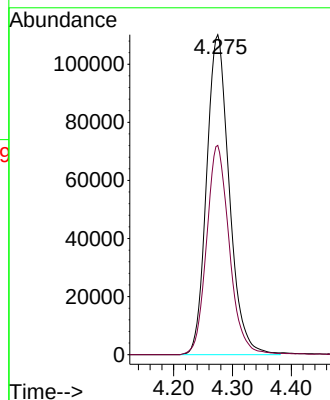
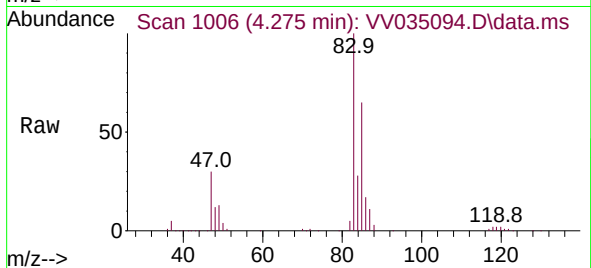
ClientSampleId :

Tgt Ion: 83 Resp: 294836

Ion Ratio Lower Upper

83 100

85 65.4 46.0 85.4



#27

1,2-Dichloroethane

Concen: 57.630 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV035094.D

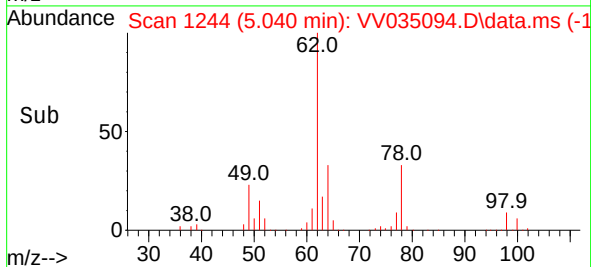
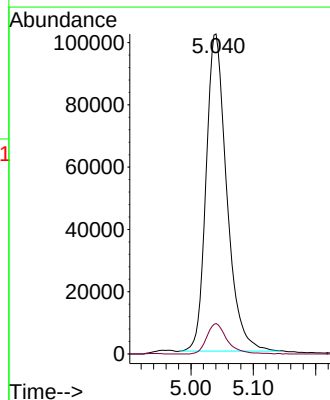
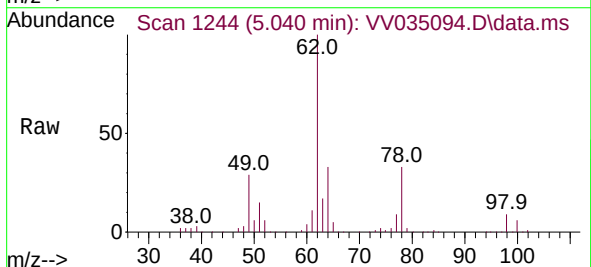
Acq: 09 Apr 2024 19:51

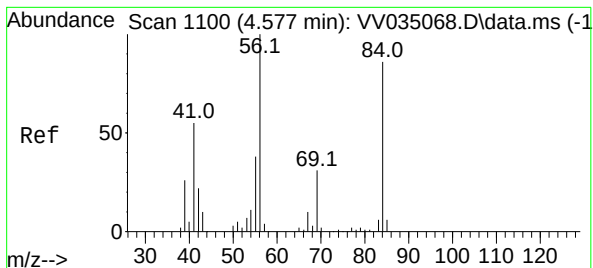
Tgt Ion: 62 Resp: 235062

Ion Ratio Lower Upper

62 100

98 9.5 7.2 10.8





#29

Cyclohexane

Concen: 44.849 ug/L

RT: 4.580 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

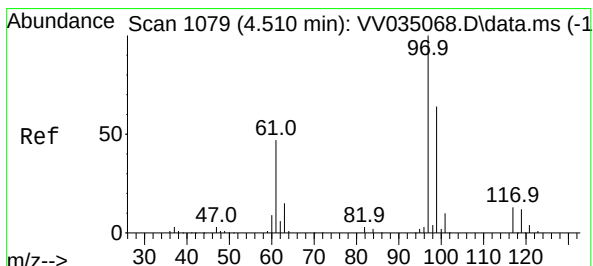
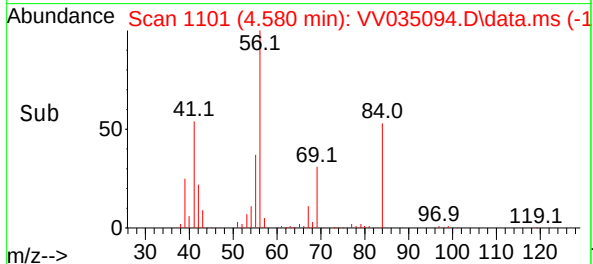
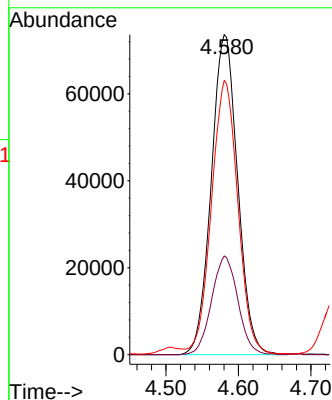
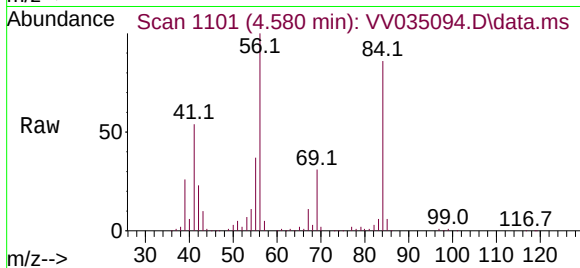
Tgt Ion: 56 Resp: 186456

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 85.0 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 54.029 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

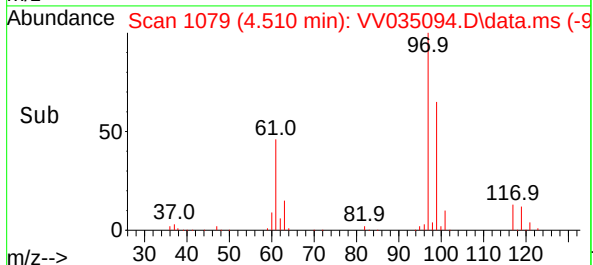
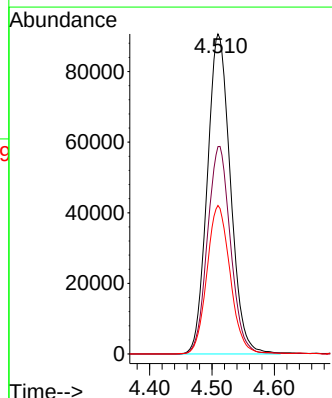
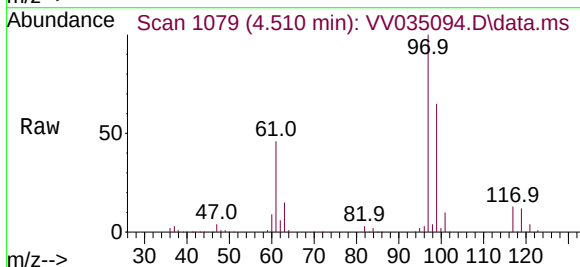
Tgt Ion: 97 Resp: 233770

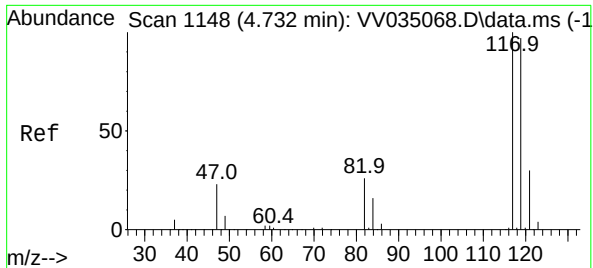
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 46.1 36.8 55.2

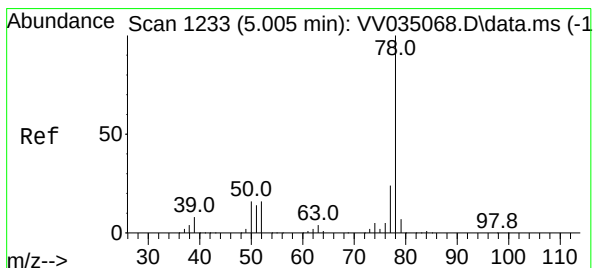
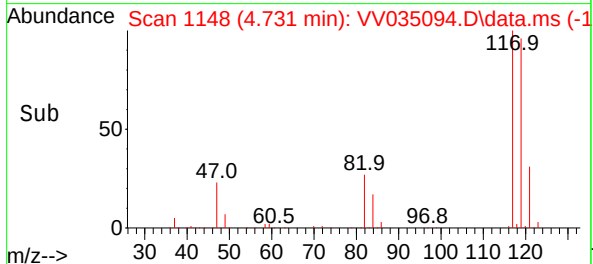
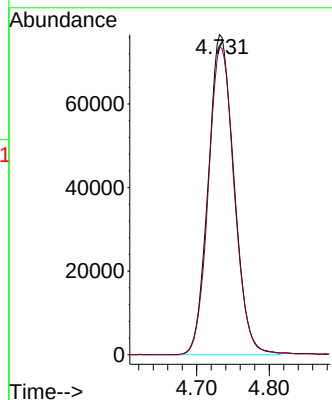
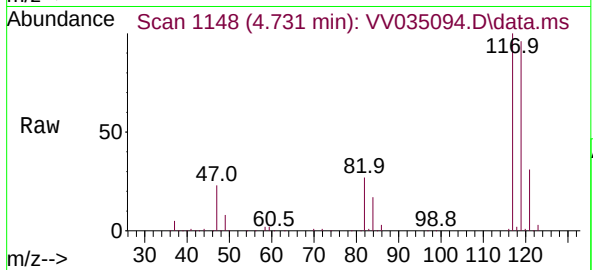




#31
Carbon tetrachloride
Concen: 51.606 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

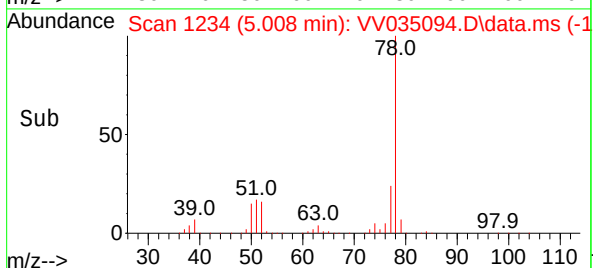
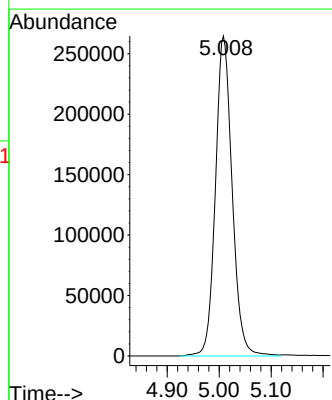
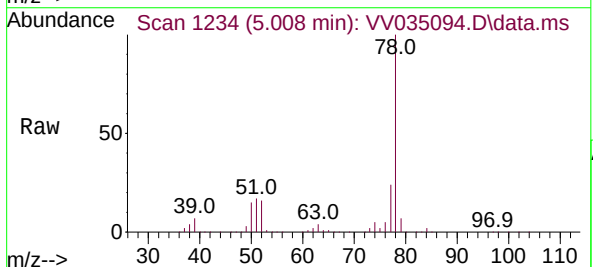
Instrument :
MSVOA_V
ClientSampleId :

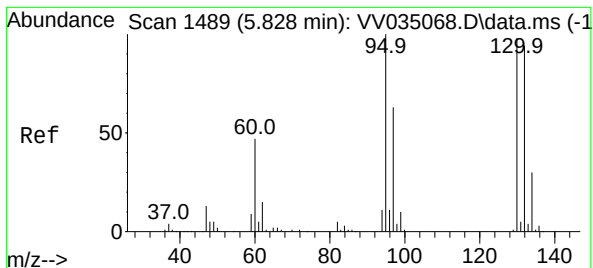
Tgt Ion:117 Resp: 189256
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7



#33
Benzene
Concen: 54.670 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

Tgt Ion: 78 Resp: 591742





#34

Trichloroethene

Concen: 50.062 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 146237

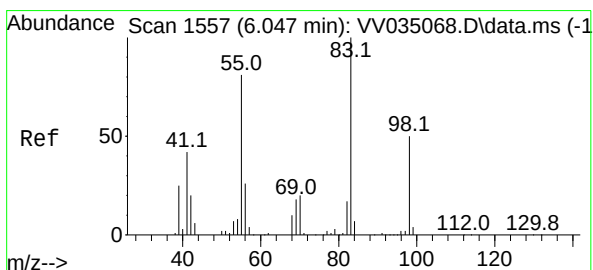
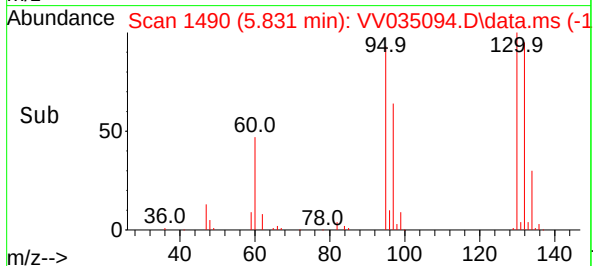
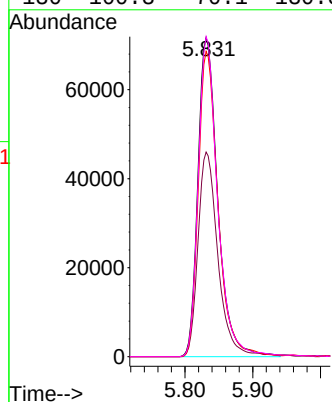
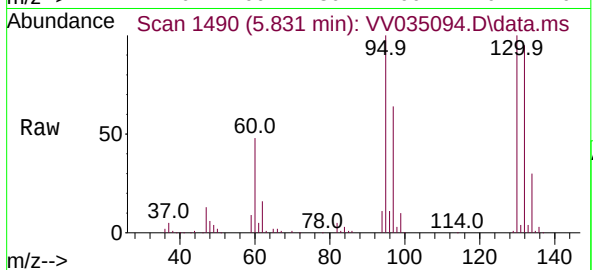
Ion Ratio Lower Upper

95 100

97 64.2 45.3 84.1

132 95.7 65.3 121.3

130 100.3 70.1 130.3



#35

Methylcyclohexane

Concen: 43.728 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

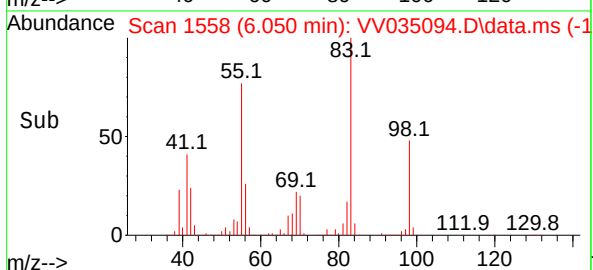
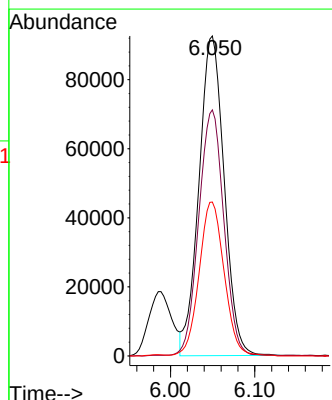
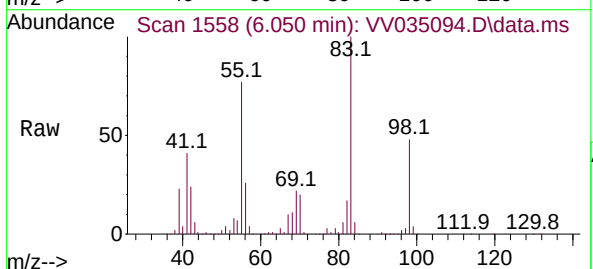
Tgt Ion: 83 Resp: 192912

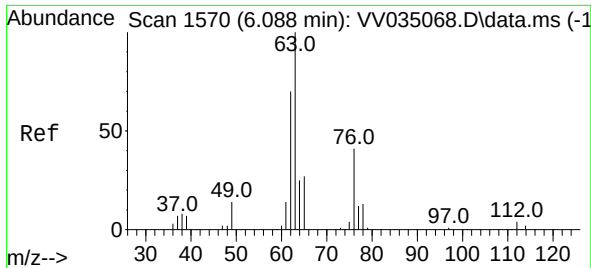
Ion Ratio Lower Upper

83 100

55 76.0 60.0 90.0

98 47.9 37.6 56.4

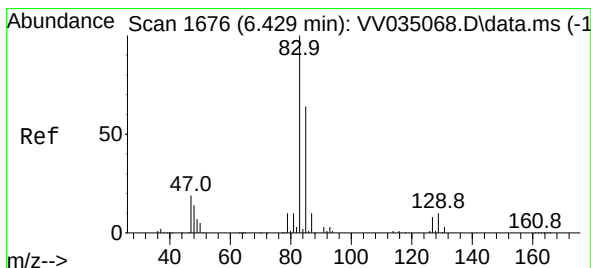
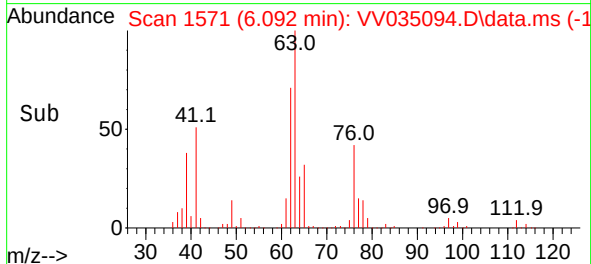
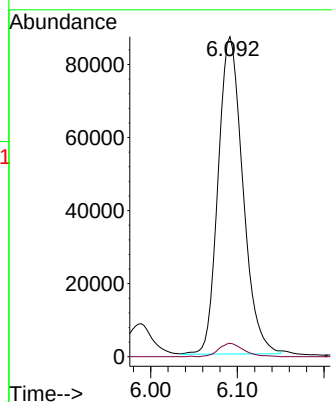
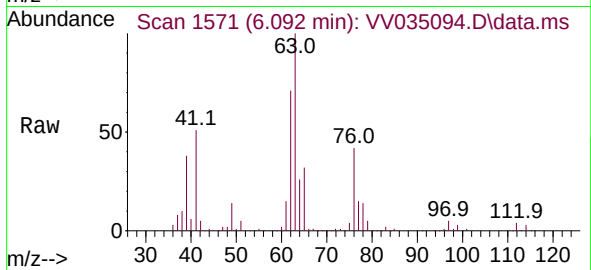




#37
1,2-Dichloropropane
Concen: 57.653 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.003 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

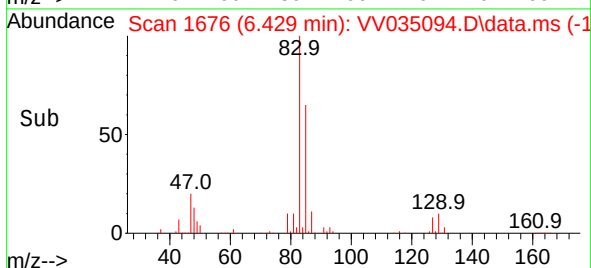
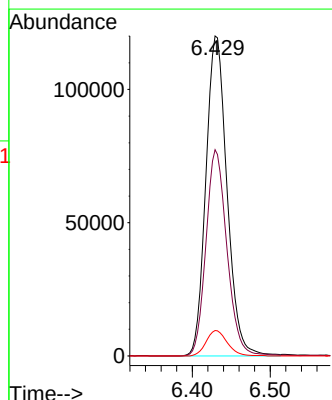
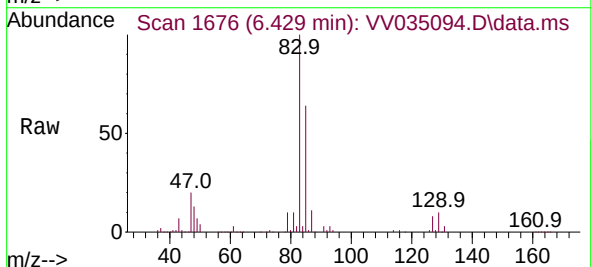
Instrument :
MSVOA_V
ClientSampleId :

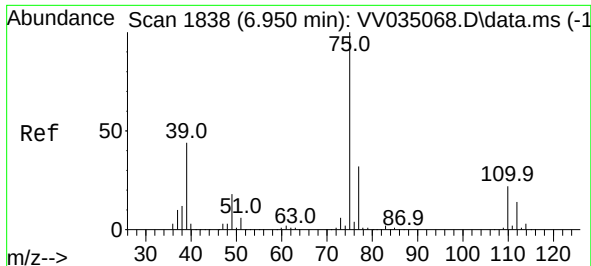
Tgt Ion: 63 Resp: 172453
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9



#38
Bromodichloromethane
Concen: 58.650 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

Tgt Ion: 83 Resp: 226356
Ion Ratio Lower Upper
83 100
85 64.4 43.7 81.1
127 7.9 6.4 9.6

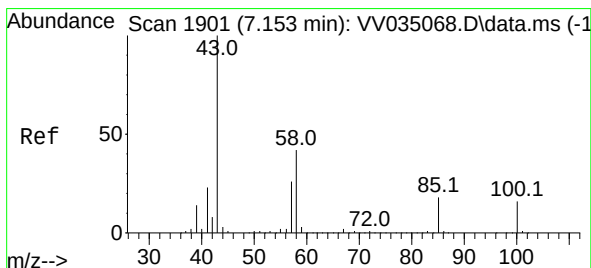
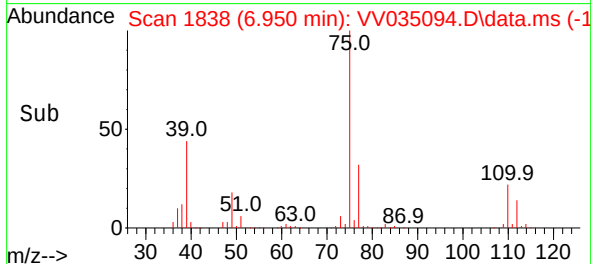
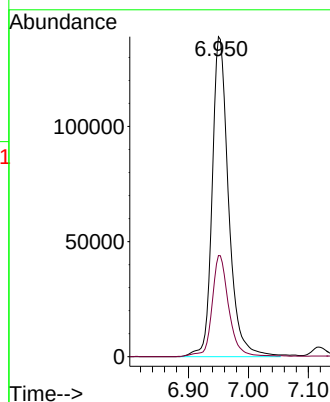
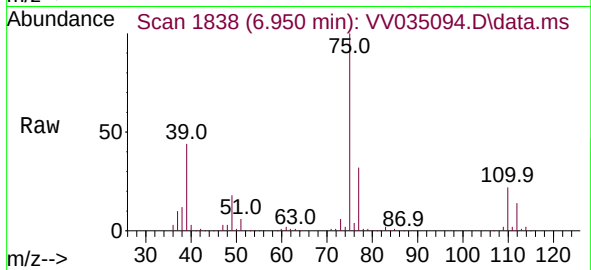




#39
 cis-1,3-Dichloropropene
 Concen: 56.114 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV035094.D
 Acq: 09 Apr 2024 19:51

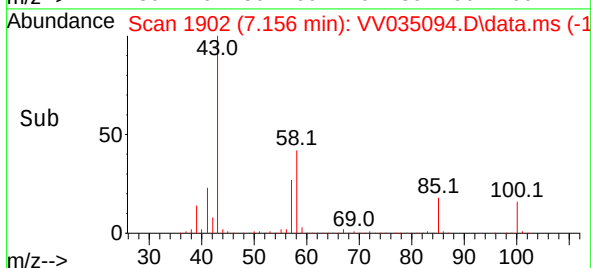
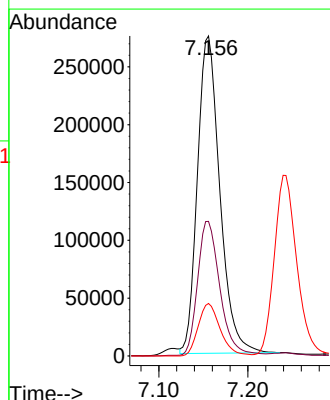
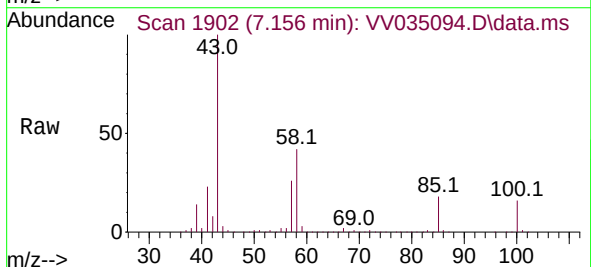
Instrument :
 MSVOA_V
 ClientSampleId :

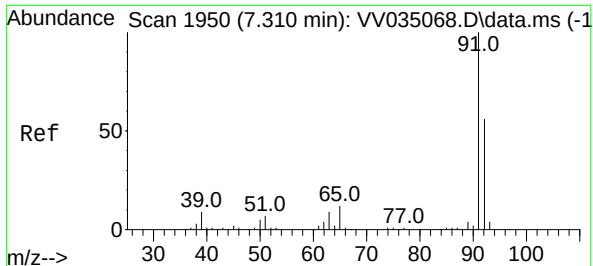
Tgt Ion: 75 Resp: 264415
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 125.673 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV035094.D
 Acq: 09 Apr 2024 19:51

Tgt Ion: 43 Resp: 479958
 Ion Ratio Lower Upper
 43 100
 58 42.6 33.8 50.8
 100 16.3 13.0 19.4





#42

Toluene

Concen: 53.216 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

Instrument :

MSVOA_V

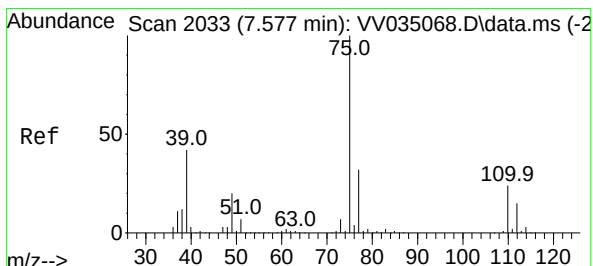
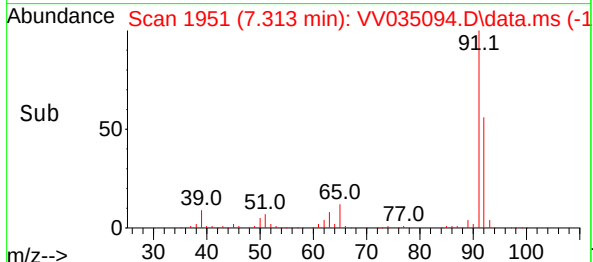
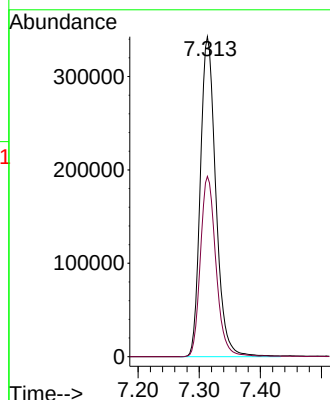
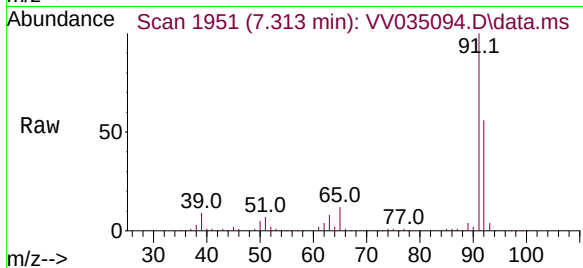
ClientSampleId :

Tgt Ion: 91 Resp: 603043

Ion Ratio Lower Upper

91 100

92 56.3 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 57.583 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035094.D

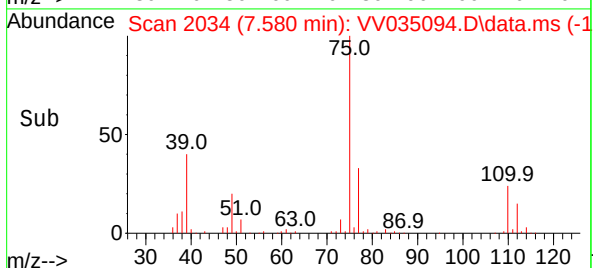
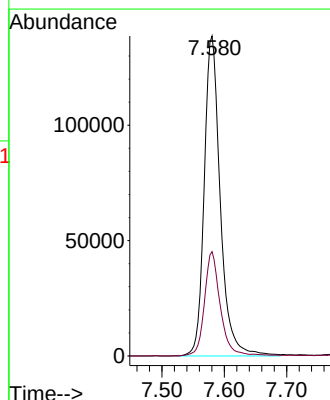
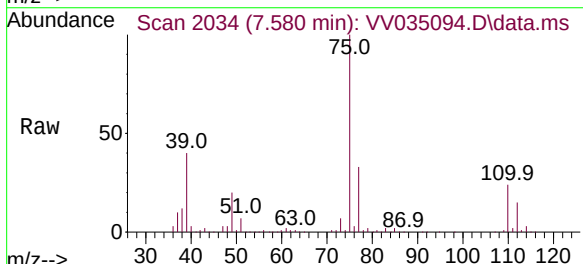
Acq: 09 Apr 2024 19:51

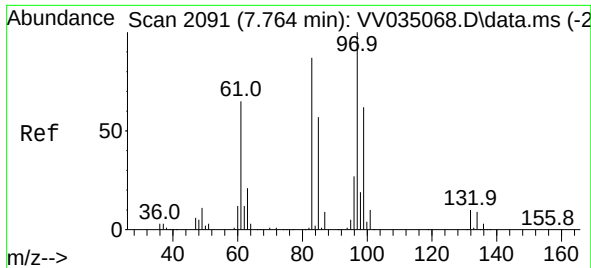
Tgt Ion: 75 Resp: 249282

Ion Ratio Lower Upper

75 100

77 32.6 21.7 40.3

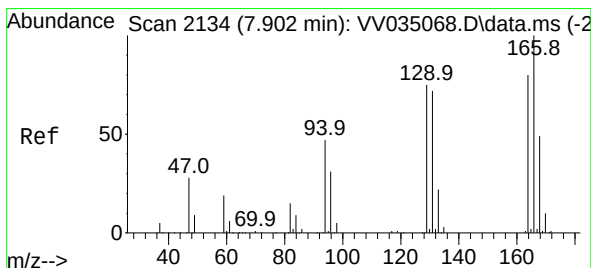
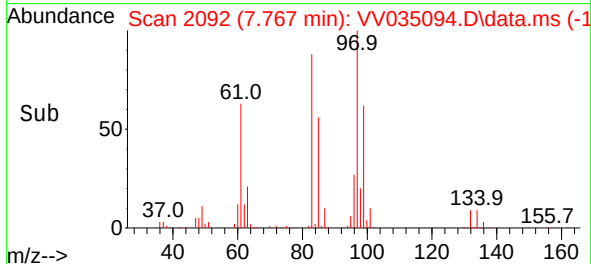
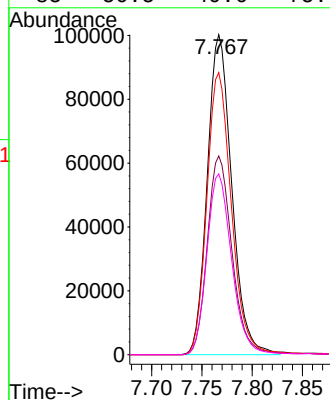
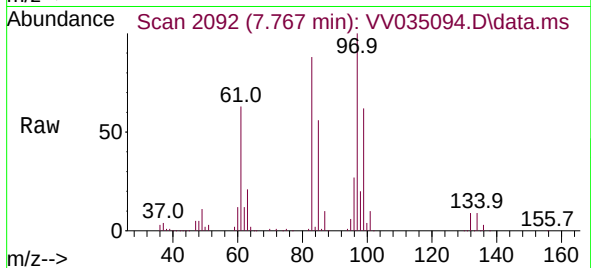




#45
1,1,2-Trichloroethane
Concen: 60.295 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

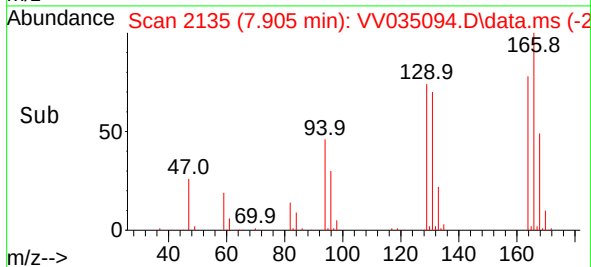
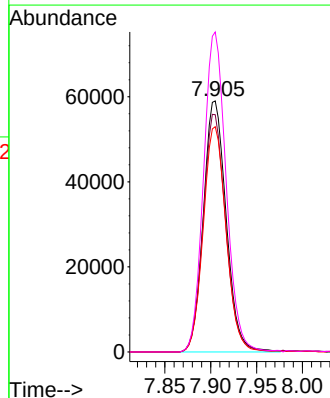
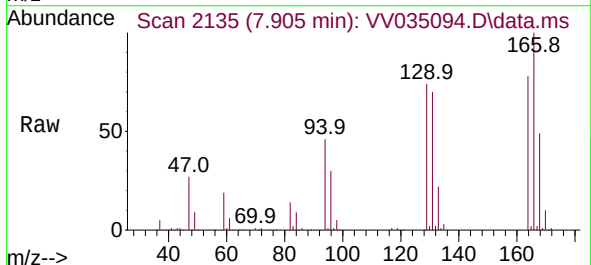
Instrument :
MSVOA_V
ClientSampleId :

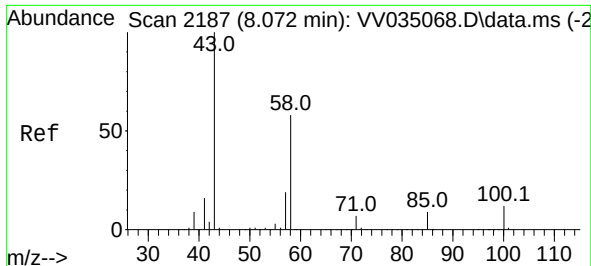
Tgt Ion:	97	Resp:	169993
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.3	80.3
83	88.1	61.6	114.4
85	56.5	40.6	75.4



#46
Tetrachloroethene
Concen: 50.108 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

Tgt Ion:	164	Resp:	102262
Ion	Ratio	Lower	Upper
164	100		
129	94.5	68.6	127.4
131	89.7	65.7	122.1
166	127.4	89.0	165.2

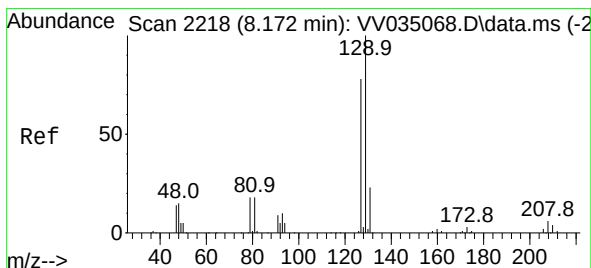
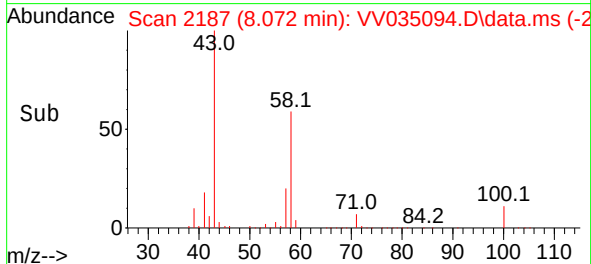
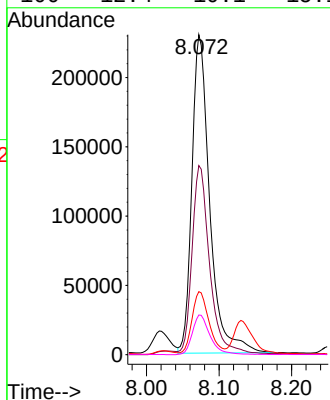
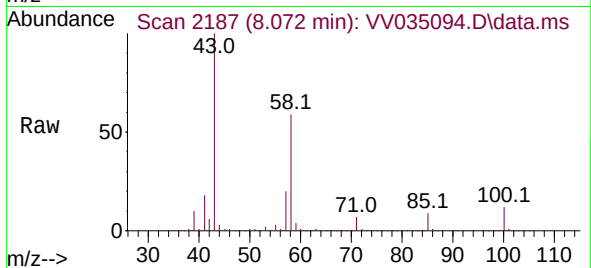




#48
2-Hexanone
Concen: 120.901 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

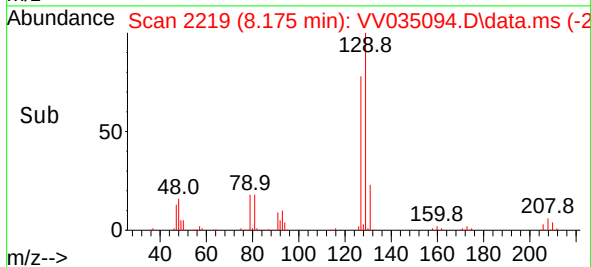
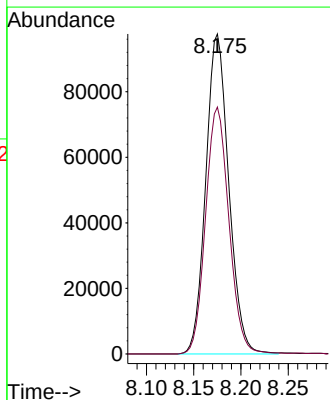
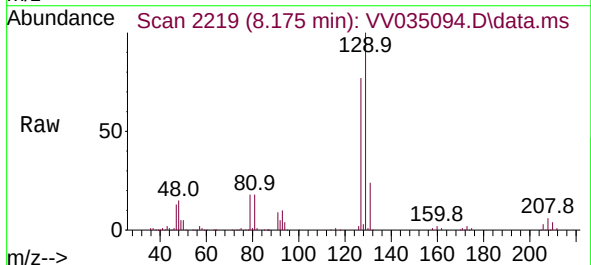
Instrument :
MSVOA_V
ClientSampleId :

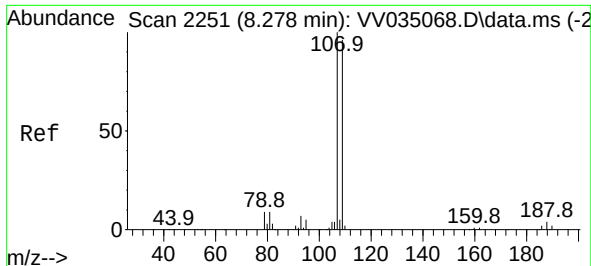
Tgt Ion: 43 Resp: 392709
Ion Ratio Lower Upper
43 100
58 58.1 45.4 68.2
57 18.9 16.2 24.4
100 12.4 10.1 15.1



#49
Dibromochloromethane
Concen: 59.182 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

Tgt Ion: 129 Resp: 165258
Ion Ratio Lower Upper
129 100
127 77.1 54.1 100.5

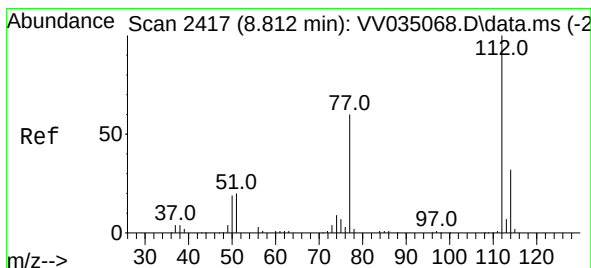
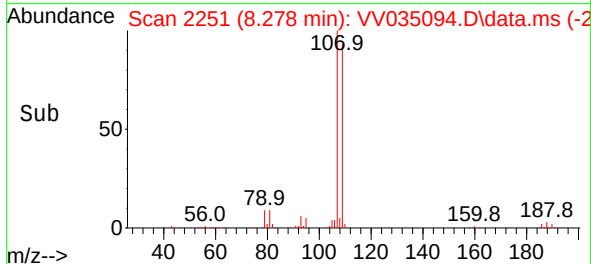
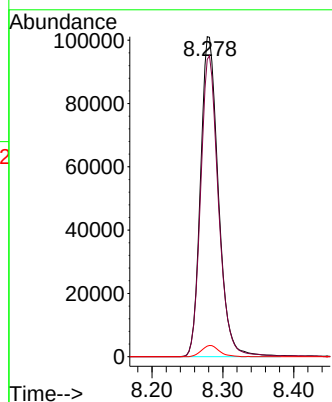
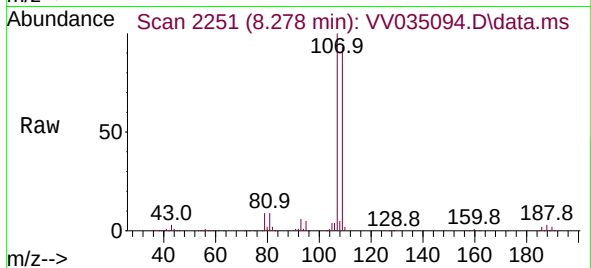




#50
1,2-Dibromoethane
Concen: 58.301 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

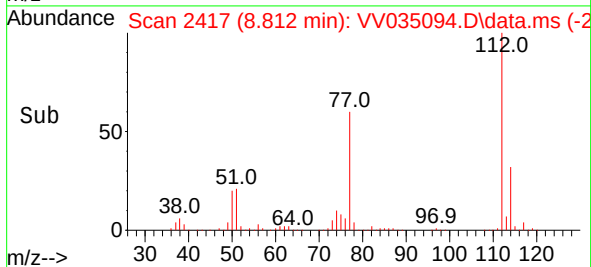
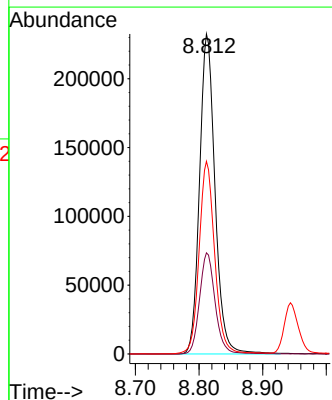
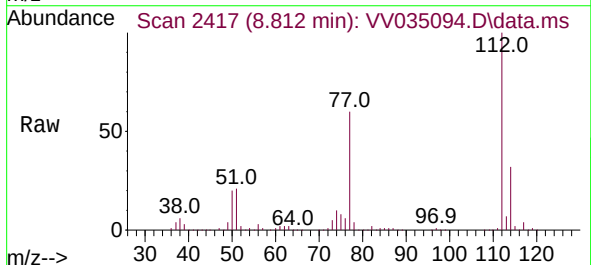
Instrument :
MSVOA_V
ClientSampleId :

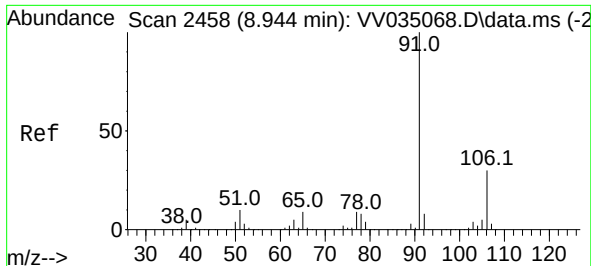
Tgt Ion:107 Resp: 176965
Ion Ratio Lower Upper
107 100
109 92.9 64.5 119.9
188 3.3 2.8 4.2



#51
Chlorobenzene
Concen: 53.508 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

Tgt Ion:112 Resp: 392989
Ion Ratio Lower Upper
112 100
114 31.6 22.0 41.0
77 60.2 47.4 71.2

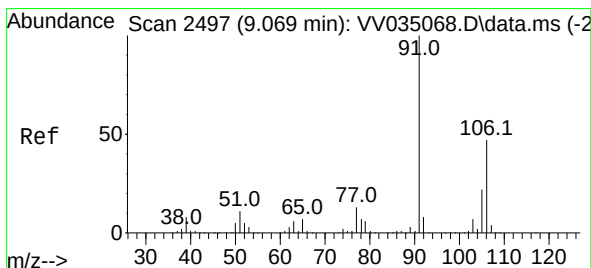
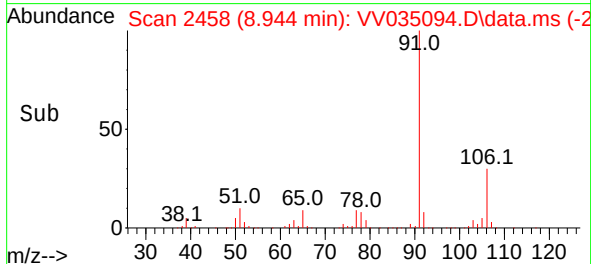
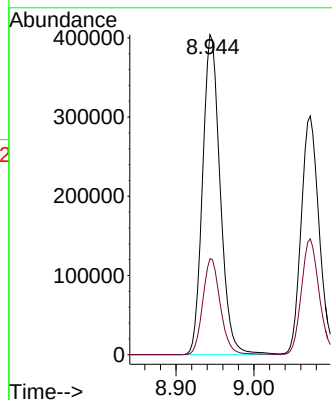
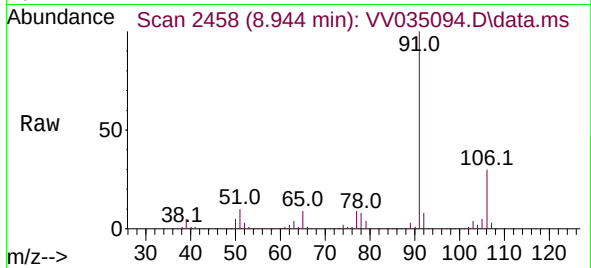




#52
Ethylbenzene
Concen: 50.542 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

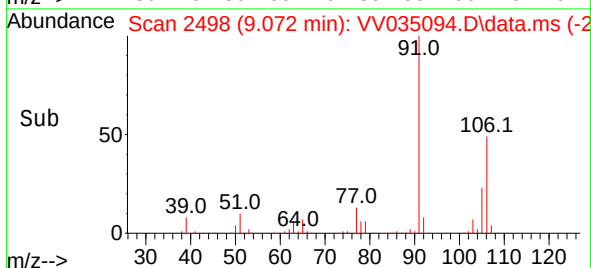
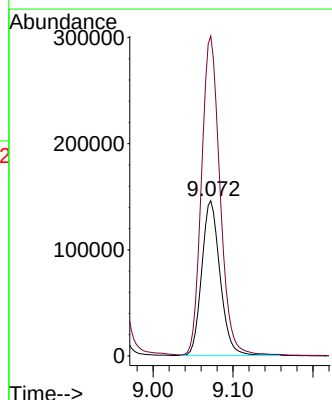
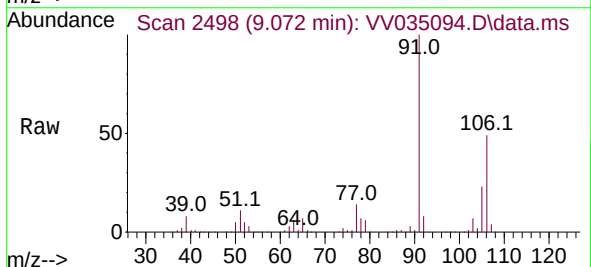
Instrument :
MSVOA_V
ClientSampleId :

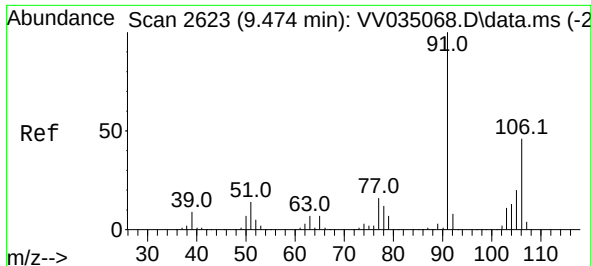
Tgt Ion: 91 Resp: 634754
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-Xylene
Concen: 50.351 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

Tgt Ion: 106 Resp: 232877
Ion Ratio Lower Upper
106 100
91 206.2 144.8 269.0

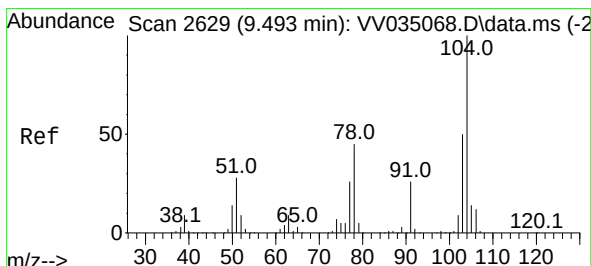
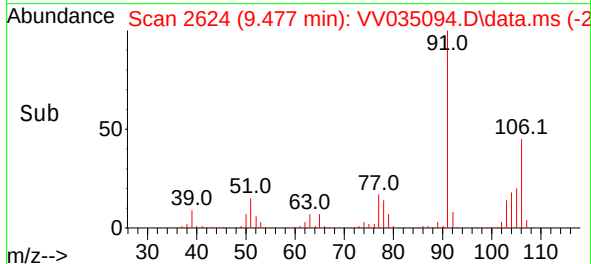
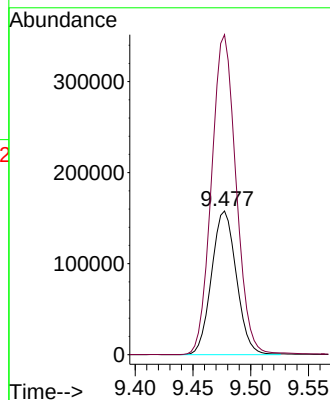
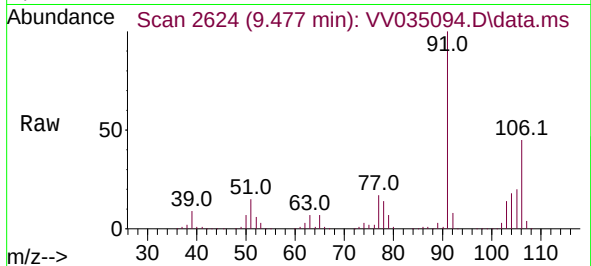




#54
o-Xylene
Concen: 51.588 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

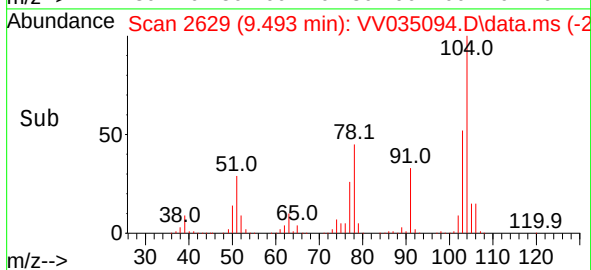
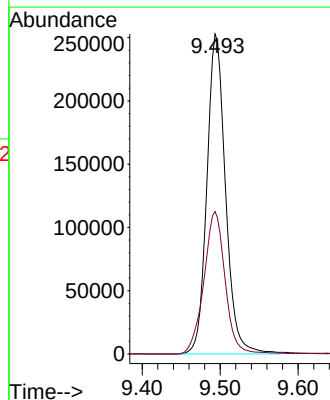
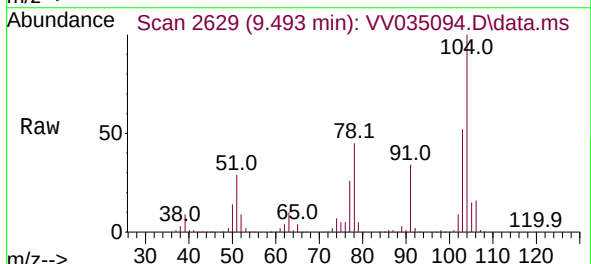
Instrument :
MSVOA_V
ClientSampleId :

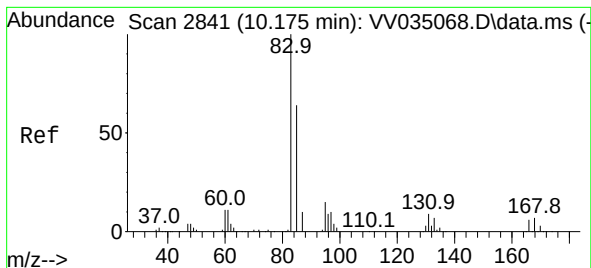
Tgt Ion:106 Resp: 236080
Ion Ratio Lower Upper
106 100
91 222.7 151.3 280.9



#55
Styrene
Concen: 54.551 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

Tgt Ion:104 Resp: 421861
Ion Ratio Lower Upper
104 100
78 44.5 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 62.606 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

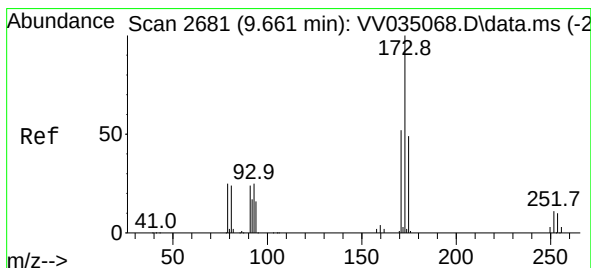
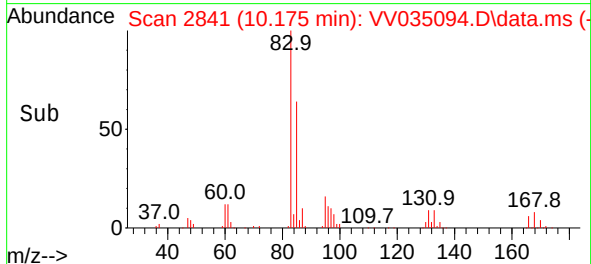
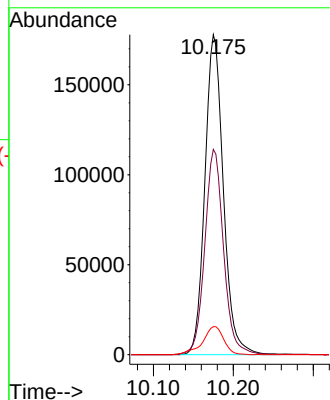
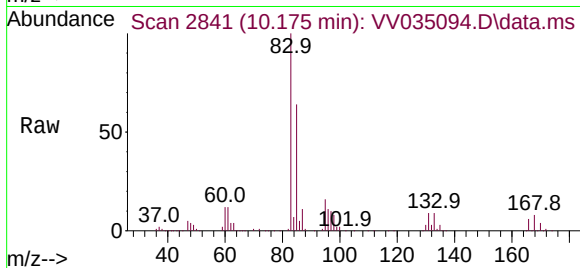
Tgt Ion: 83 Resp: 285985

Ion Ratio Lower Upper

83 100

85 64.2 44.5 82.7

131 8.8 6.9 10.3



#59

Bromoform

Concen: 66.418 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.003 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

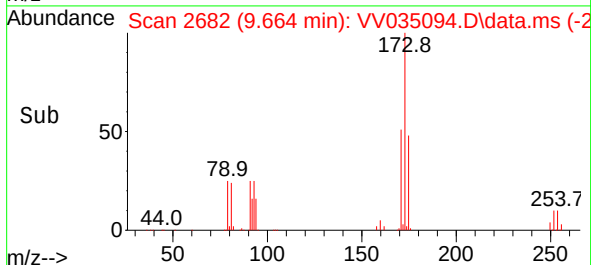
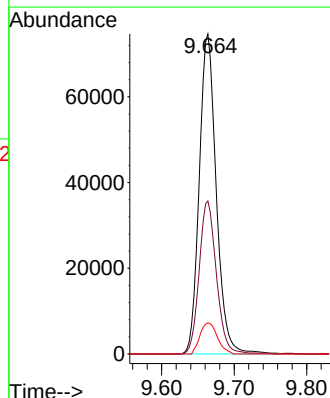
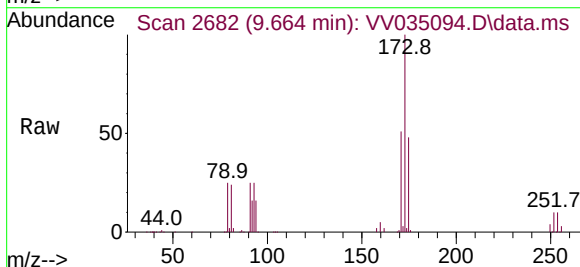
Tgt Ion: 173 Resp: 121665

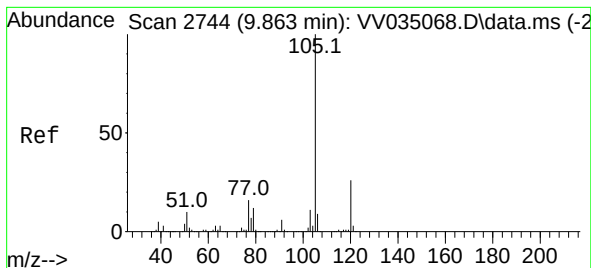
Ion Ratio Lower Upper

173 100

175 48.3 39.3 58.9

254 9.9 7.5 11.3





#60

Isopropylbenzene

Concen: 53.376 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

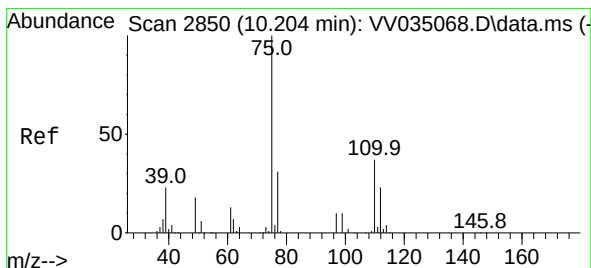
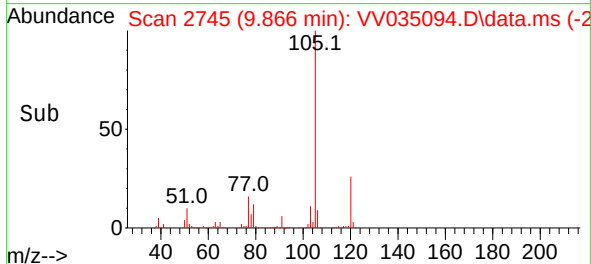
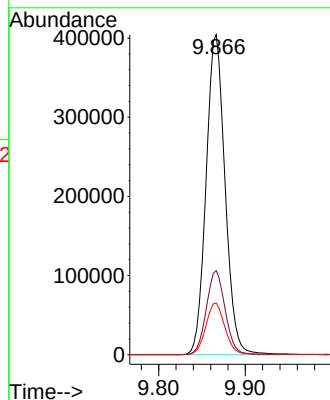
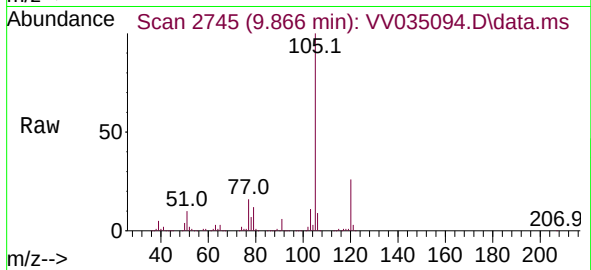
Tgt Ion:105 Resp: 615077

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.6

77 16.2 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 65.299 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

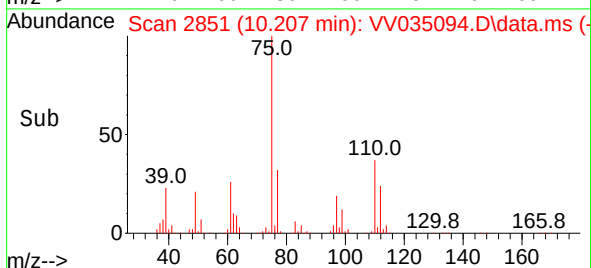
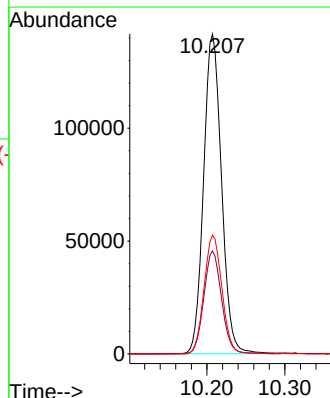
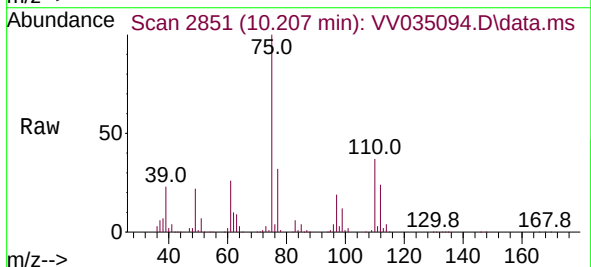
Tgt Ion: 75 Resp: 226182

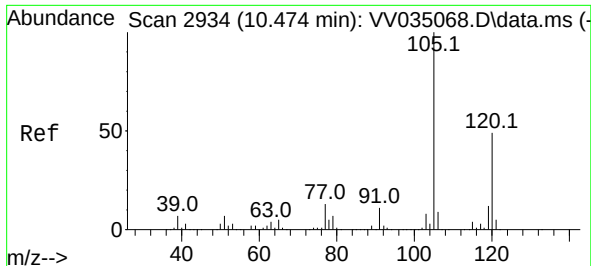
Ion Ratio Lower Upper

75 100

77 31.8 26.0 39.0

110 37.3 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 53.263 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

Instrument :

MSVOA_V

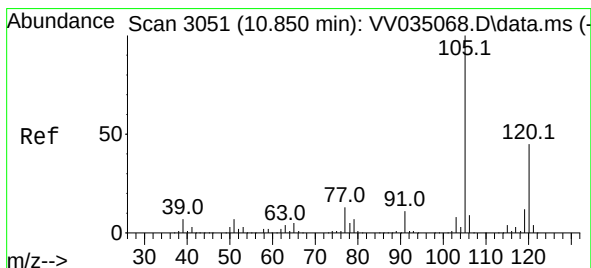
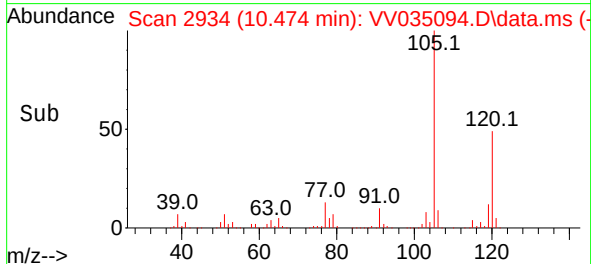
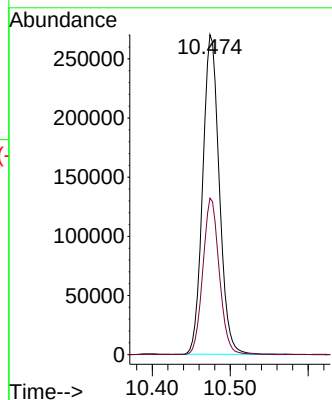
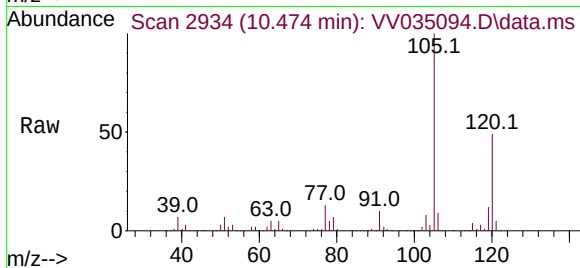
ClientSampleId :

Tgt Ion:105 Resp: 398619

Ion Ratio Lower Upper

105 100

120 48.4 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 54.354 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV035094.D

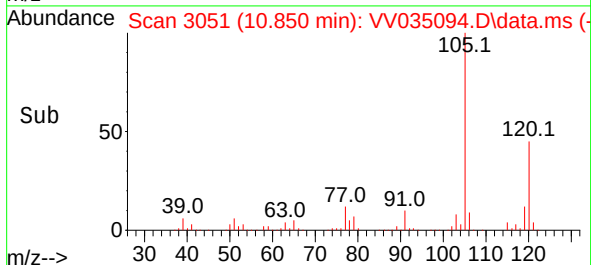
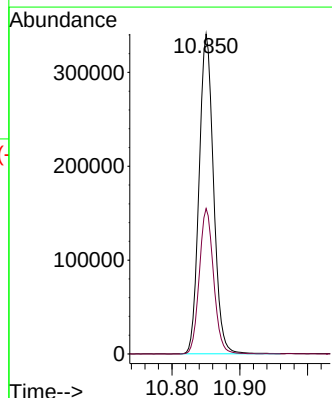
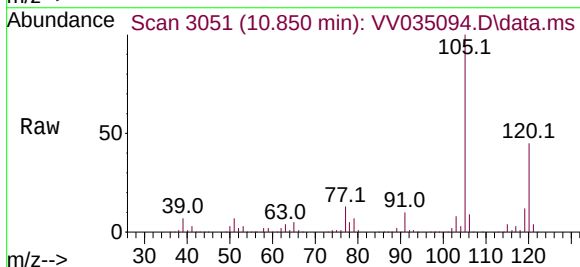
Acq: 09 Apr 2024 19:51

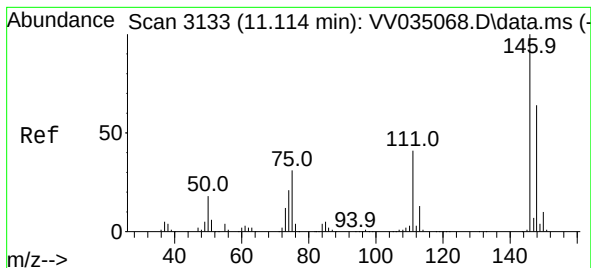
Tgt Ion:105 Resp: 502941

Ion Ratio Lower Upper

105 100

120 45.1 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 54.539 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

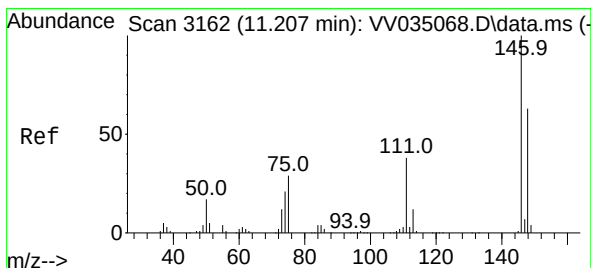
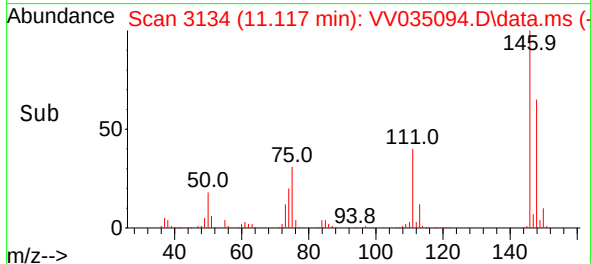
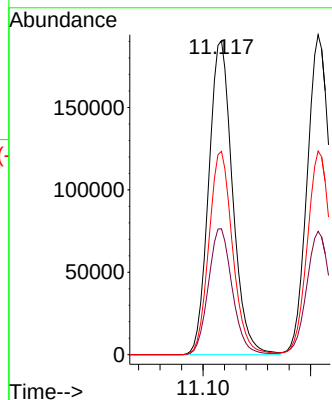
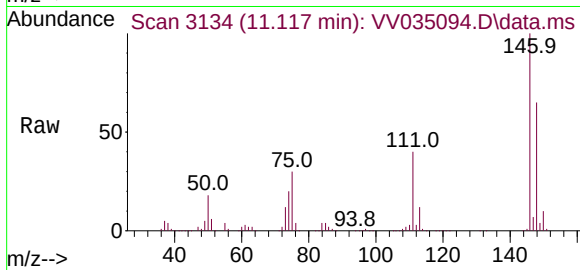
Tgt Ion:146 Resp: 293704

Ion Ratio Lower Upper

146 100

111 40.1 28.7 53.3

148 64.8 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 54.465 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

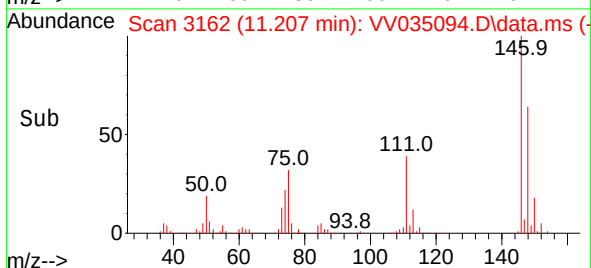
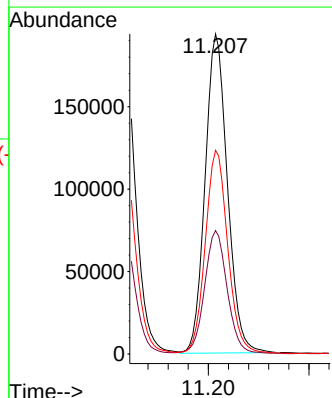
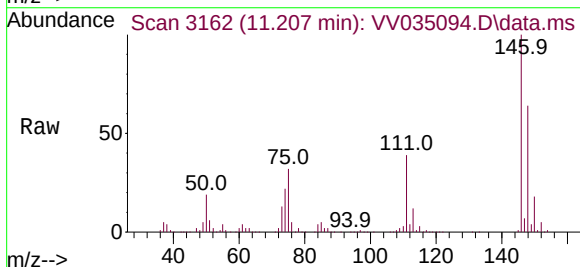
Tgt Ion:146 Resp: 298270

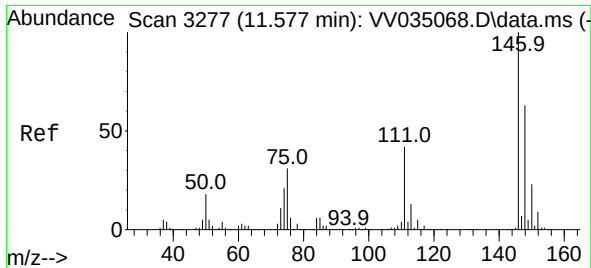
Ion Ratio Lower Upper

146 100

111 38.6 27.4 50.8

148 63.6 44.2 82.2

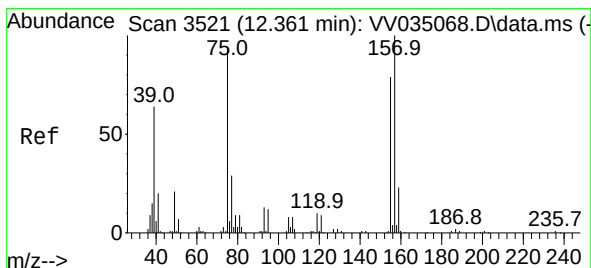
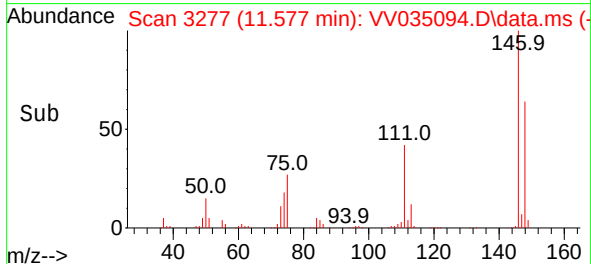
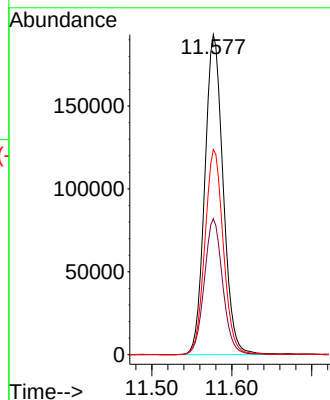
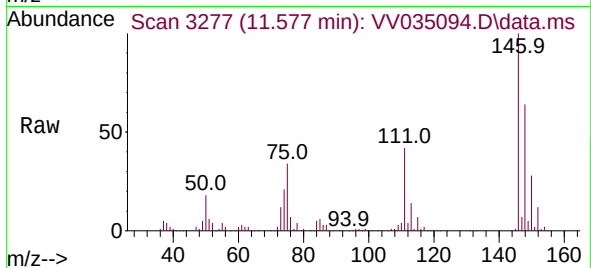




#67
1,2-Dichlorobenzene
Concen: 57.466 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

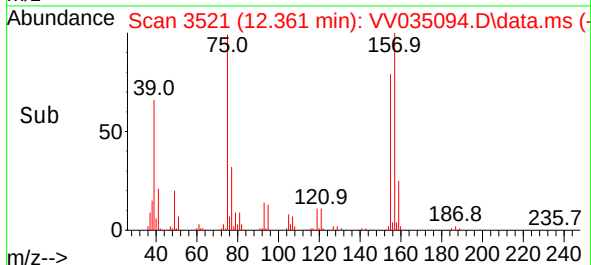
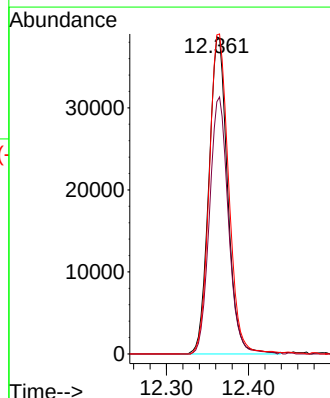
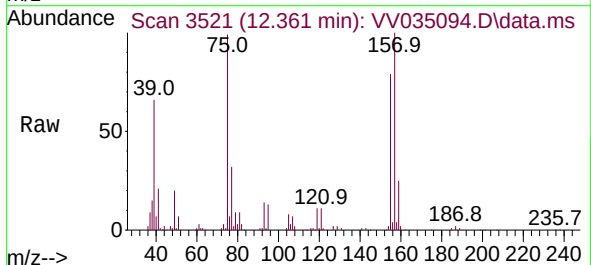
Instrument :
MSVOA_V
ClientSampleId :

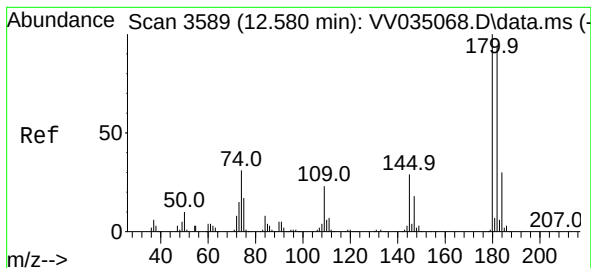
Tgt Ion:146 Resp: 308280
Ion Ratio Lower Upper
146 100
111 42.5 34.6 52.0
148 64.1 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 64.354 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV035094.D
Acq: 09 Apr 2024 19:51

Tgt Ion: 75 Resp: 61411
Ion Ratio Lower Upper
75 100
155 79.5 63.0 94.6
157 100.6 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 52.506 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

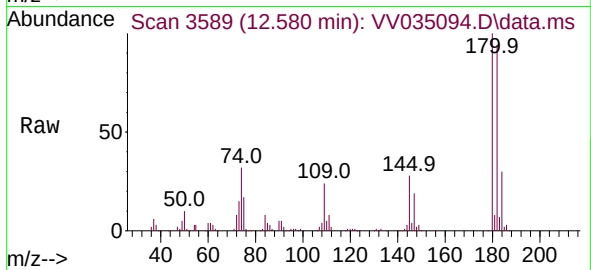
Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 203782

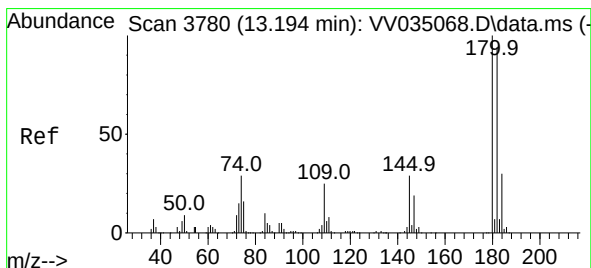
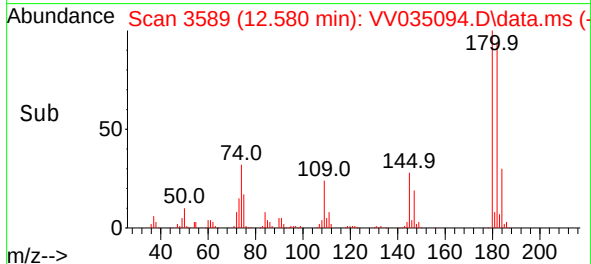
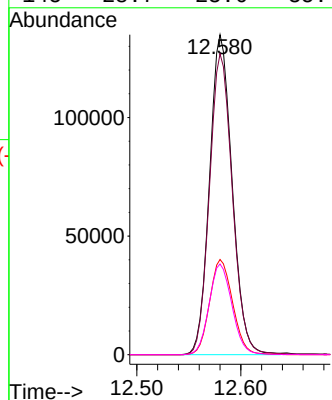
Ion Ratio Lower Upper

180 100

182 95.3 74.7 112.1

184 30.4 24.0 36.0

145 28.7 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 52.718 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

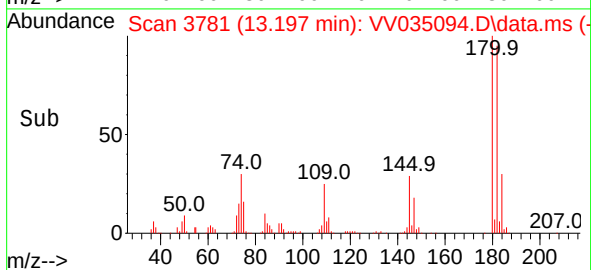
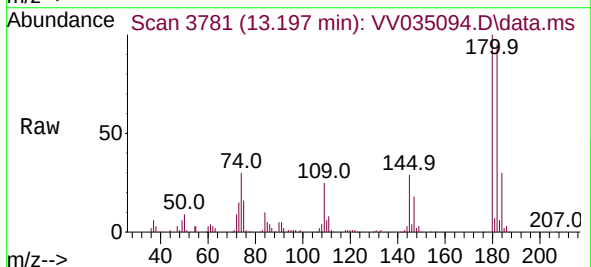
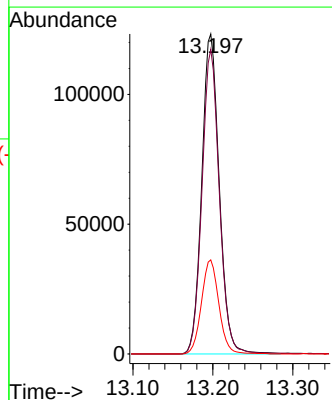
Tgt Ion:180 Resp: 187943

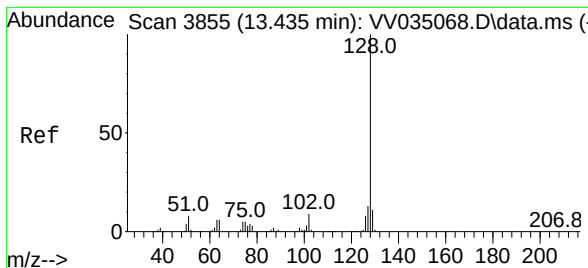
Ion Ratio Lower Upper

180 100

182 94.2 75.6 113.4

145 29.2 24.1 36.1





#71

Naphthalene

Concen: 58.831 ug/L

RT: 13.438 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

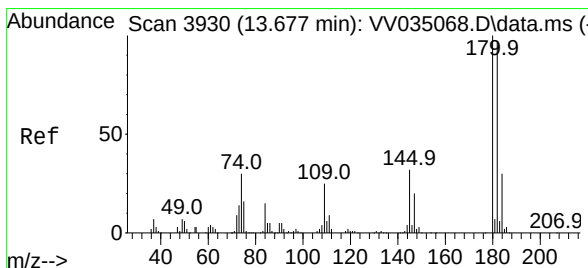
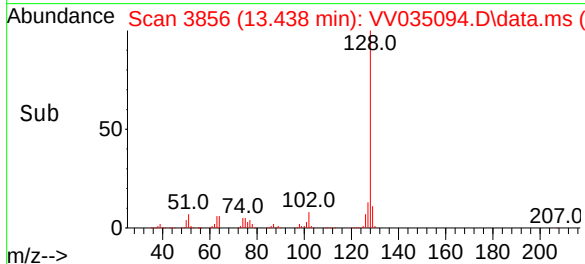
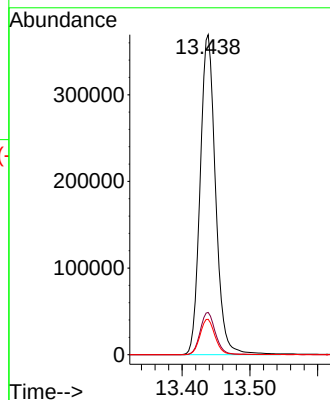
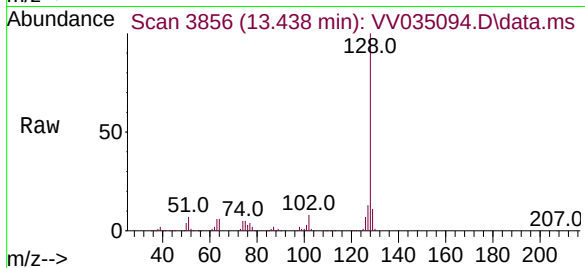
Tgt Ion:128 Resp: 581893

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 57.434 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035094.D

Acq: 09 Apr 2024 19:51

Tgt Ion:180 Resp: 201832

Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.2

145 31.1 25.8 38.6

