

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040924\
 Data File : VV035095.D
 Acq On : 09 Apr 2024 20:15
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 05:01:10 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	243143	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	234804	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	114178	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	91026	38.765	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.520%
7) Chloroethane-d5	1.520	69	84596	41.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.960%
11) 1,1-Dichloroethene-d2	2.053	65	42773	41.555	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.100%
21) 2-Butanone-d5	3.786	46	197185	141.590	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	141.590%#
24) Chloroform-d	4.246	84	194105	49.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.340%
26) 1,2-Dichloroethane-d4	4.941	65	123310	49.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.380%
32) Benzene-d6	4.957	84	364954	46.272	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.540%
36) 1,2-Dichloropropane-d6	5.989	67	122883	49.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	7.243	98	325006	45.756	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.520%
43) trans-1,3-Dichloroprop...	7.551	79	53892	44.261	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.520%
47) 2-Hexanone-d5	8.024	63	118816	125.474	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.470%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	188533	54.663	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.320%
66) 1,2-Dichlorobenzene-d4	11.558	152	118805	46.344	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	82760	46.963	ug/L	100
3) Chloromethane	1.214	50	108028	47.684	ug/L	99
5) Vinyl chloride	1.282	62	110595	46.566	ug/L	98
6) Bromomethane	1.478	94	44507	25.000	ug/L	100
8) Chloroethane	1.536	64	76861	47.385	ug/L	100
9) Trichlorofluoromethane	1.706	101	157755	50.608	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	97541	51.123	ug/L	98
12) 1,1-Dichloroethene	2.066	96	89480	49.036	ug/L	90
13) Acetone	2.114	43	202797	158.614	ug/L	100
14) Carbon disulfide	2.237	76	219475	42.709	ug/L	100
15) Methyl Acetate	2.372	43	162056	80.432	ug/L	98
16) Methylene chloride	2.442	84	116023	58.679	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	90911	51.530	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	366761	59.186	ug/L	99
19) 1,1-Dichloroethane	3.108	63	215385	59.533	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	112041	55.926	ug/L	99
22) 2-Butanone	3.867	43	228992	154.346	ug/L	99
23) Bromochloromethane	4.146	128	58574	58.438	ug/L	97
25) Chloroform	4.272	83	211155	59.032	ug/L	99

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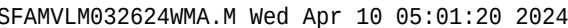
Instrument :
 MSVOA_V
 ClientSampleId :

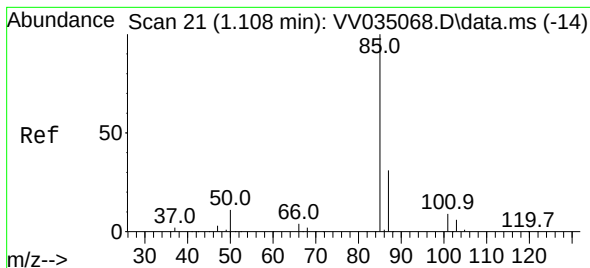
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	169065	59.364	ug/L	98
29) Cyclohexane	4.580	56	149677	50.895	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	170782	55.799	ug/L	99
31) Carbon tetrachloride	4.732	117	143391	55.274	ug/L	100
33) Benzene	5.008	78	425759	55.607	ug/L	100
34) Trichloroethene	5.831	95	108289	52.406	ug/L	99
35) Methylcyclohexane	6.047	83	153521	49.195	ug/L	99
37) 1,2-Dichloropropane	6.092	63	126565	59.815	ug/L	100
38) Bromodichloromethane	6.429	83	159852	58.552	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	183888	55.168	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	397309	147.067	ug/L	99
42) Toluene	7.314	91	442789	55.238	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	172229	56.241	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	120759	60.550	ug/L	98
46) Tetrachloroethene	7.902	164	78121	54.114	ug/L	97
48) 2-Hexanone	8.072	43	328215	142.846	ug/L	98
49) Dibromochloromethane	8.175	129	117734	59.604	ug/L	97
50) 1,2-Dibromoethane	8.281	107	125241	58.329	ug/L	96
51) Chlorobenzene	8.812	112	286760	55.196	ug/L	99
52) Ethylbenzene	8.944	91	469008	52.792	ug/L	100
53) m,p-Xylene	9.072	106	173069	52.899	ug/L	100
54) o-Xylene	9.477	106	177964	54.976	ug/L	96
55) Styrene	9.493	104	305490	55.845	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	209997	64.988	ug/L	99
59) Bromoform	9.664	173	90502	69.167	ug/L	99
60) Isopropylbenzene	9.866	105	466050	56.619	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	177357	71.683	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	294959	55.176	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	366491	55.450	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	213214	55.429	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	217137	55.509	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	225057	58.732	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	52713	77.333	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	144714	52.200	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	133111	52.271	ug/L	99
71) Naphthalene	13.435	128	468414	66.299	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	146270	58.271	ug/L	99

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

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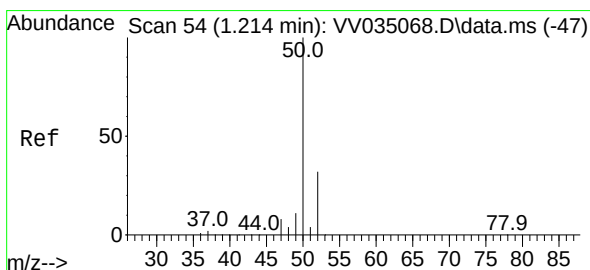
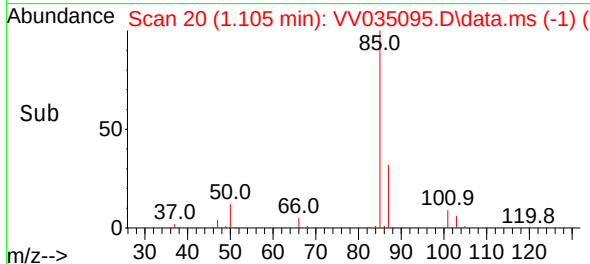
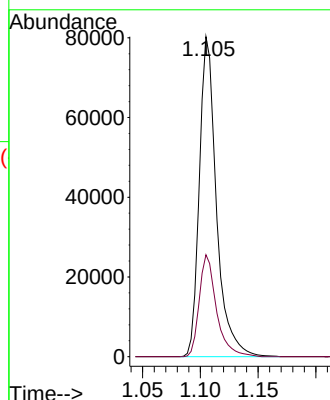
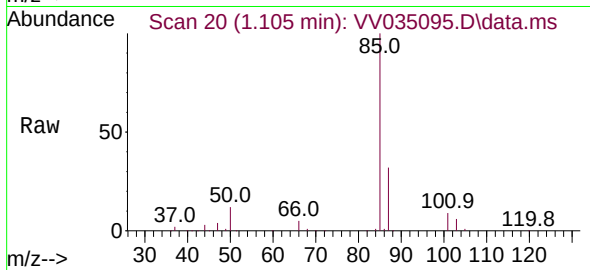




#2
Dichlorodifluoromethane
Concen: 46.963 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

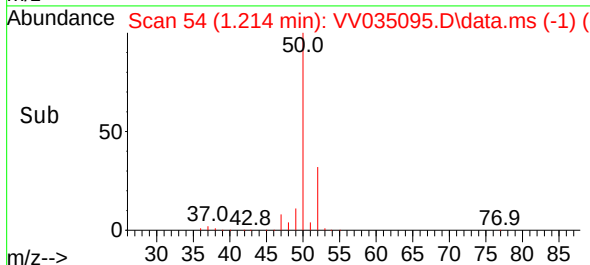
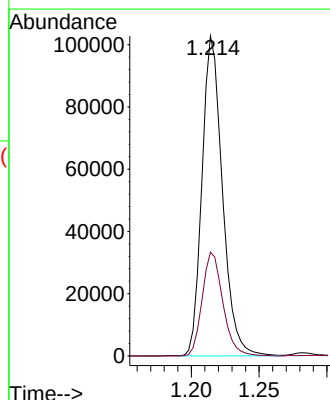
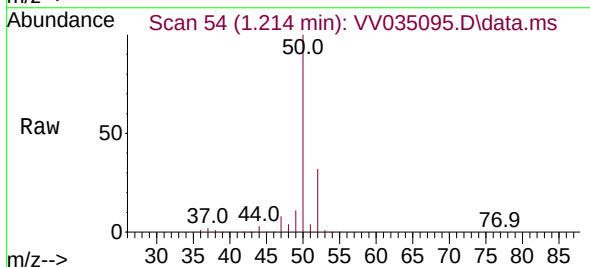
Instrument :
MSVOA_V
ClientSampleId :

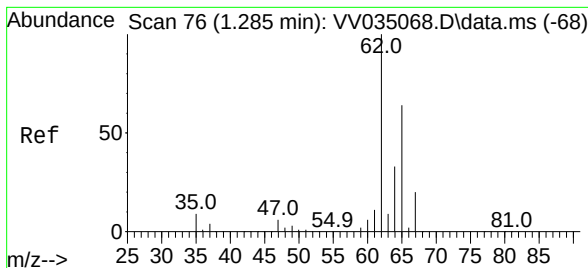
Tgt Ion: 85 Resp: 82760
Ion Ratio Lower Upper
85 100
87 32.0 25.7 38.5



#3
Chloromethane
Concen: 47.684 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

Tgt Ion: 50 Resp: 108028
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.8





#5

Vinyl chloride

Concen: 46.566 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

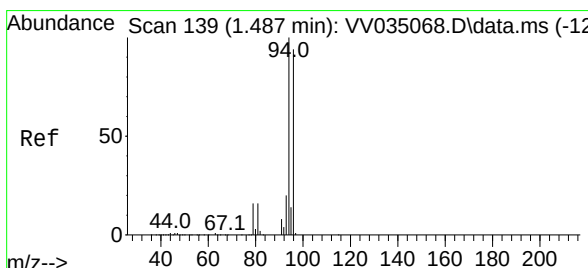
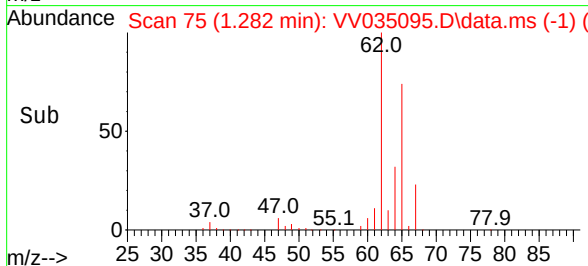
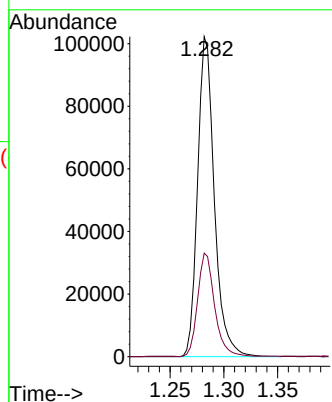
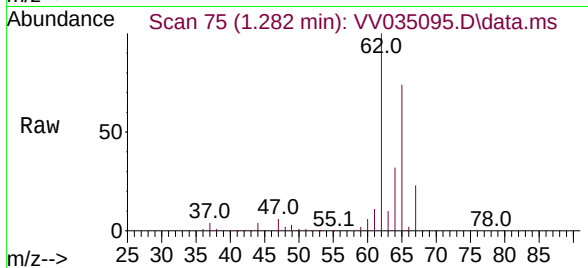
ClientSampleId :

Tgt Ion: 62 Resp: 110595

Ion Ratio Lower Upper

62 100

64 32.4 23.6 43.8



#6

Bromomethane

Concen: 25.000 ug/L

RT: 1.478 min Scan# 136

Delta R.T. -0.010 min

Lab File: VV035095.D

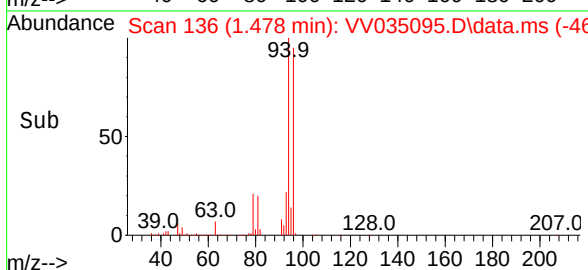
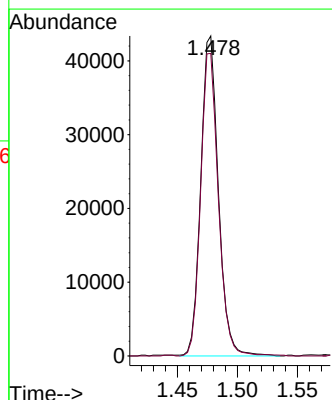
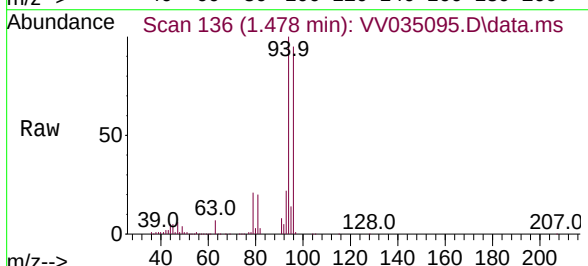
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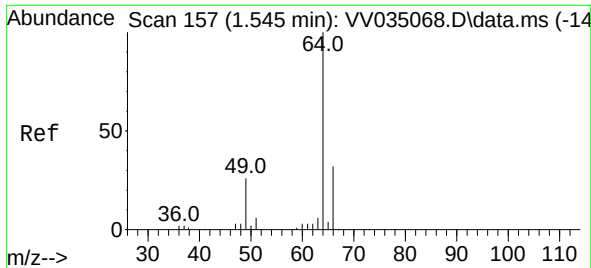
Tgt Ion: 94 Resp: 44507

Ion Ratio Lower Upper

94 100

96 94.6 66.3 123.1

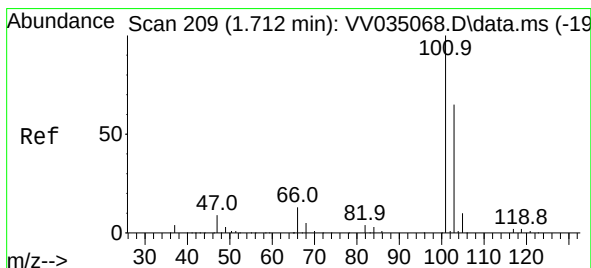
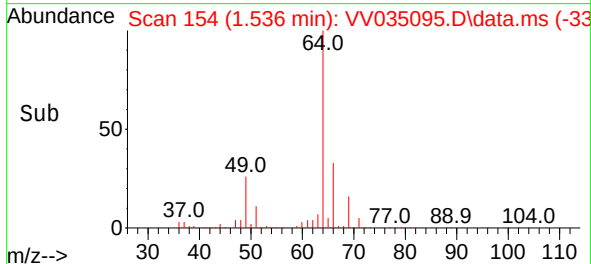
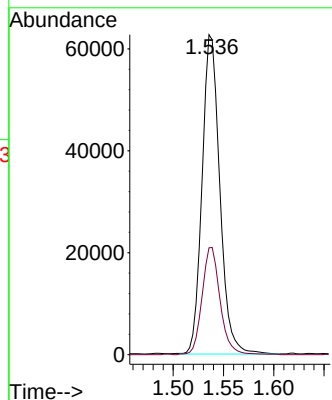
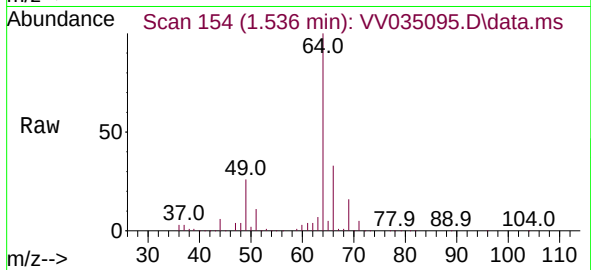




#8
Chloroethane
Concen: 47.385 ug/L
RT: 1.536 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

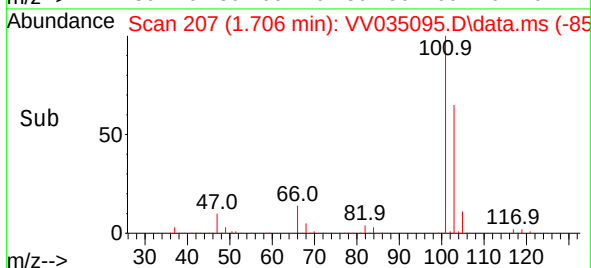
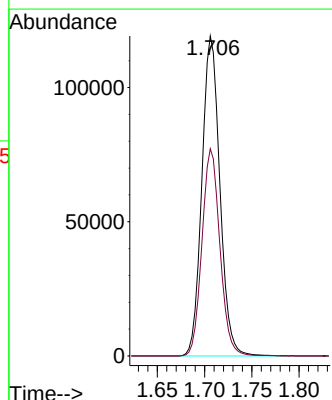
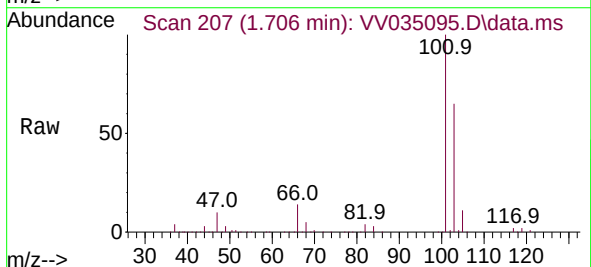
Instrument :
MSVOA_V
ClientSampleId :

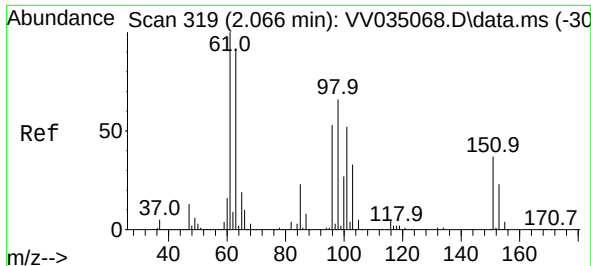
Tgt Ion: 64 Resp: 76861
Ion Ratio Lower Upper
64 100
66 33.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 50.608 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.006 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

Tgt Ion:101 Resp: 157755
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4





#10

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

Concen: 51.123 ug/L

RT: 2.063 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

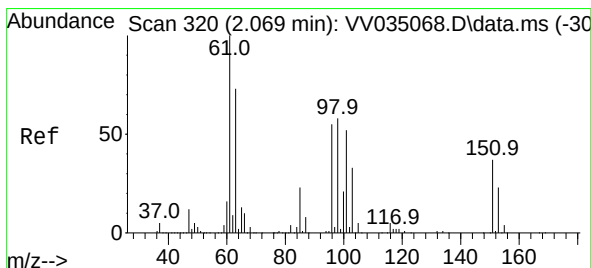
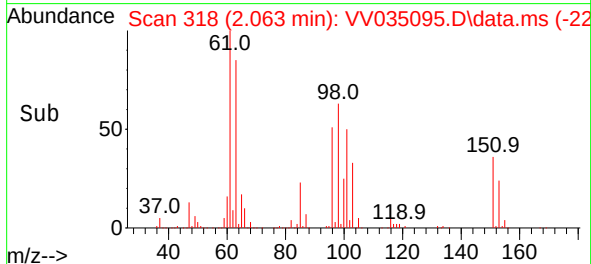
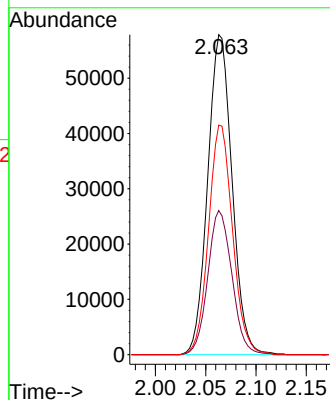
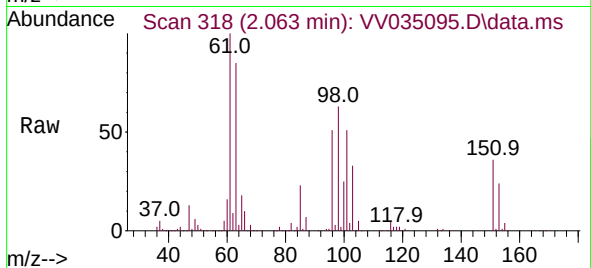
Tgt Ion:101 Resp: 97541

Ion Ratio Lower Upper

101 100

85 44.6 35.3 52.9

151 70.8 55.0 82.4



#12

1,1-Dichloroethene

Concen: 49.036 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

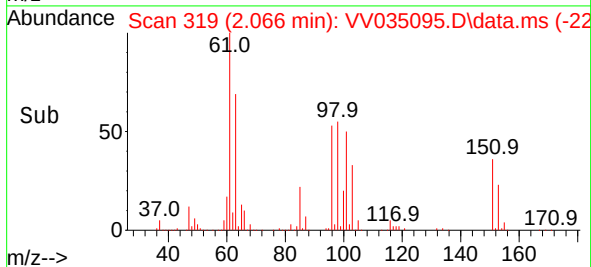
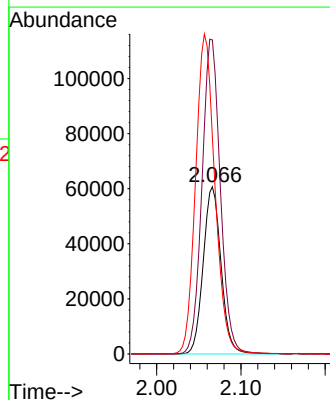
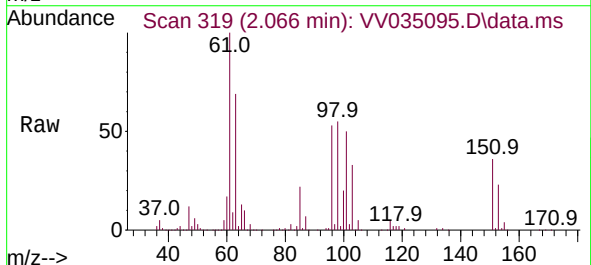
Tgt Ion: 96 Resp: 89480

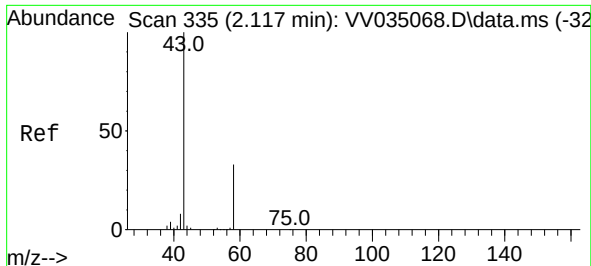
Ion Ratio Lower Upper

96 100

61 187.8 131.5 244.3

63 129.8 111.4 206.8





#13

Acetone

Concen: 158.614 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

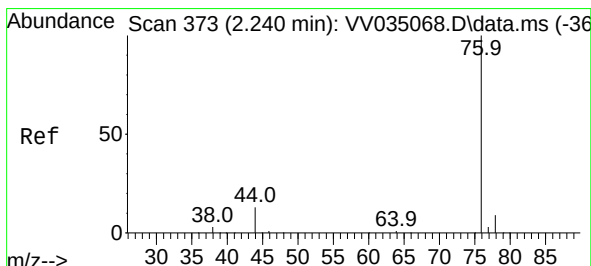
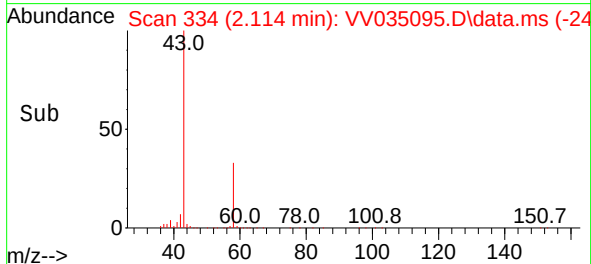
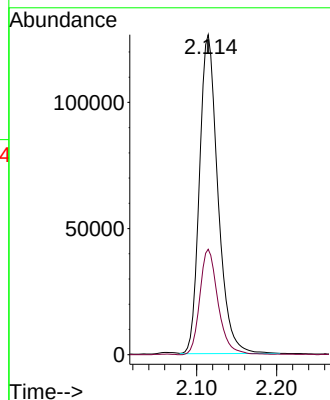
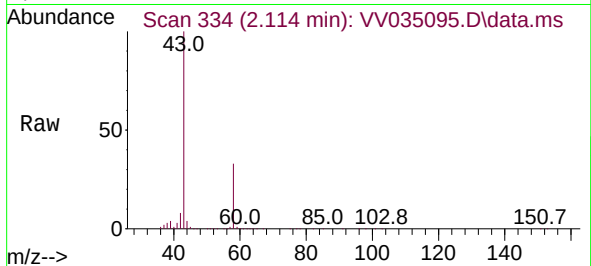
ClientSampleId :

Tgt Ion: 43 Resp: 202797

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.0



#14

Carbon disulfide

Concen: 42.709 ug/L

RT: 2.237 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV035095.D

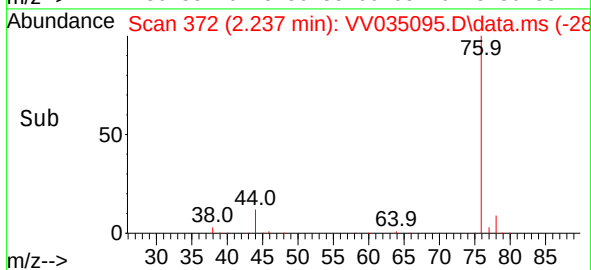
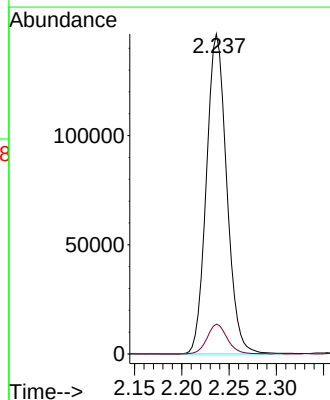
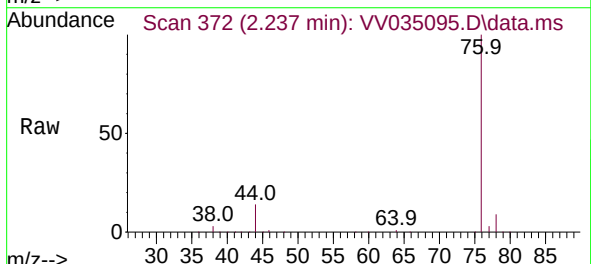
Acq: 09 Apr 2024 20:15

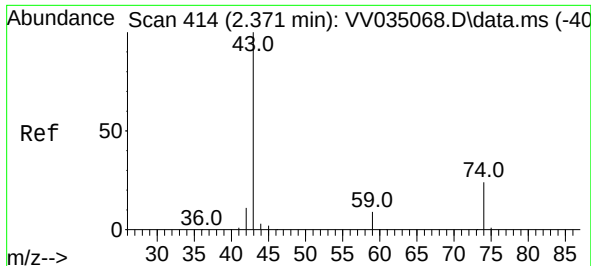
Tgt Ion: 76 Resp: 219475

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 80.432 ug/L

RT: 2.372 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

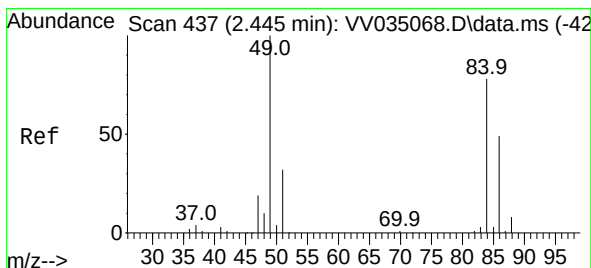
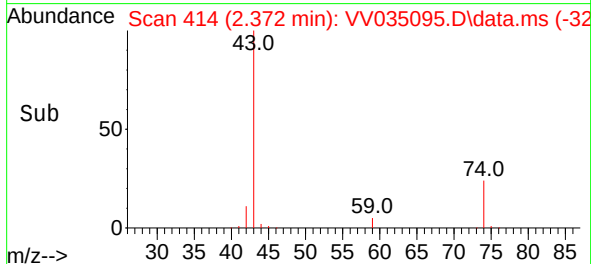
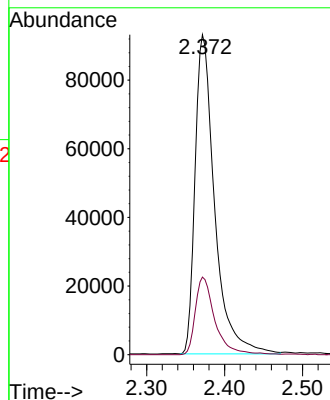
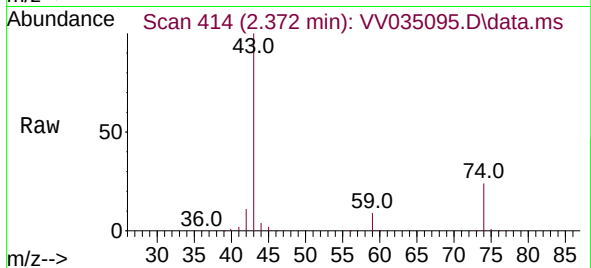
ClientSampleId :

Tgt Ion: 43 Resp: 162056

Ion Ratio Lower Upper

43 100

74 24.0 19.8 29.8



#16

Methylene chloride

Concen: 58.679 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.003 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

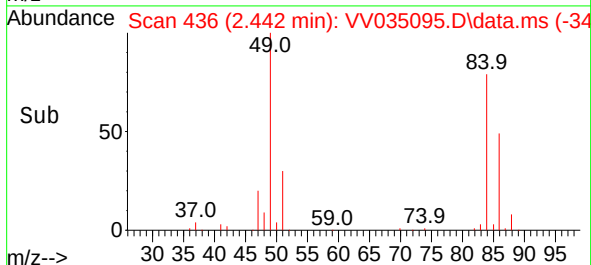
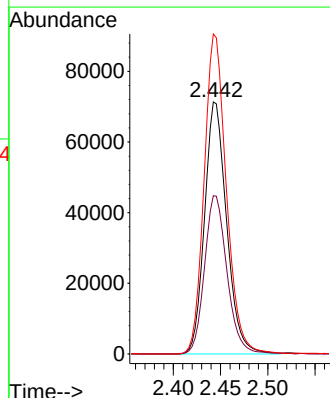
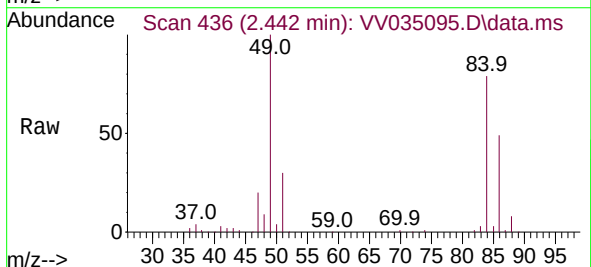
Tgt Ion: 84 Resp: 116023

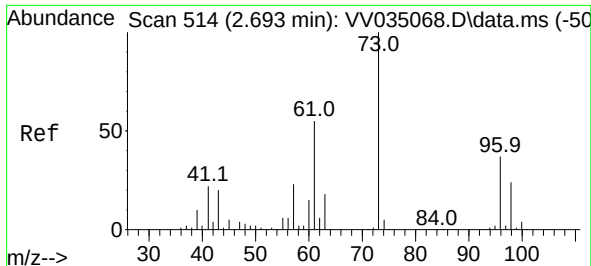
Ion Ratio Lower Upper

84 100

86 62.8 44.6 82.8

49 127.0 86.9 161.3





#17

trans-1,2-Dichloroethene

Concen: 51.530 ug/L

RT: 2.690 min Scan# 514

Delta R.T. -0.003 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

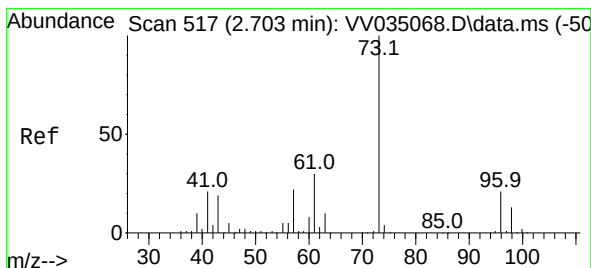
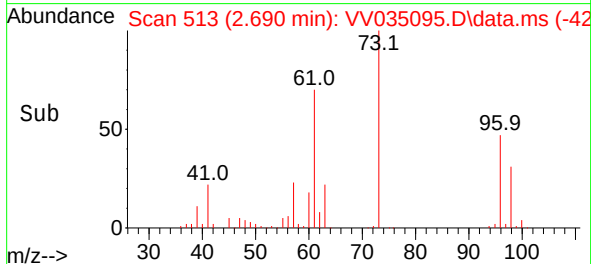
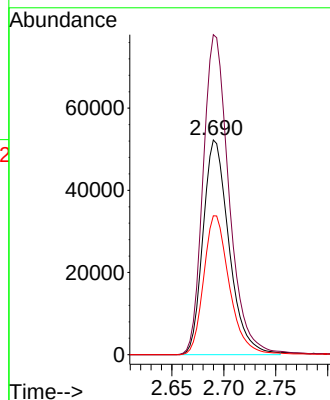
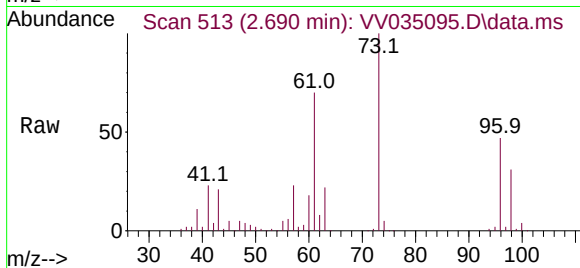
Tgt Ion: 96 Resp: 90911

Ion Ratio Lower Upper

96 100

61 149.1 99.0 183.8

98 64.7 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 59.186 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

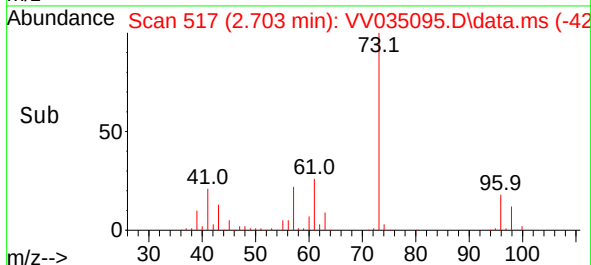
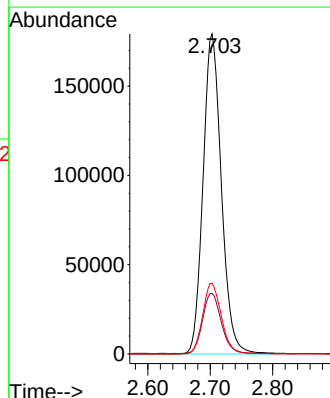
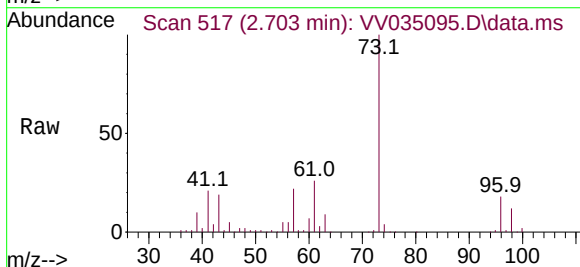
Tgt Ion: 73 Resp: 366761

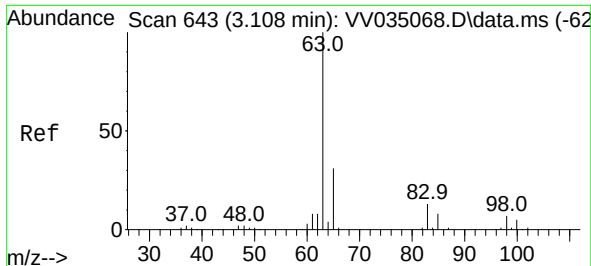
Ion Ratio Lower Upper

73 100

43 19.2 14.6 21.8

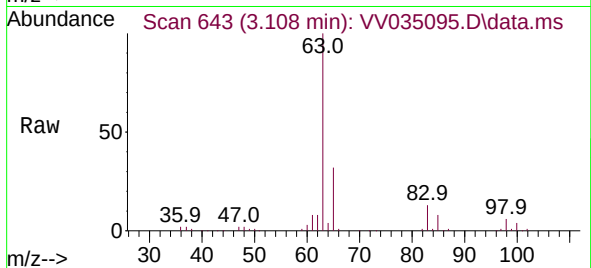
57 22.3 17.6 26.4





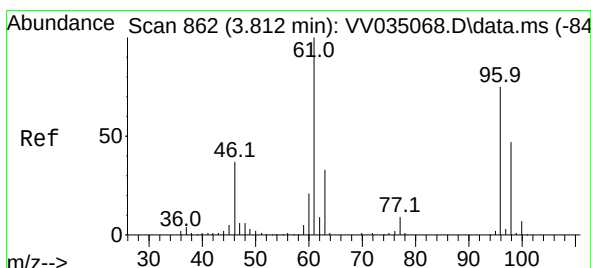
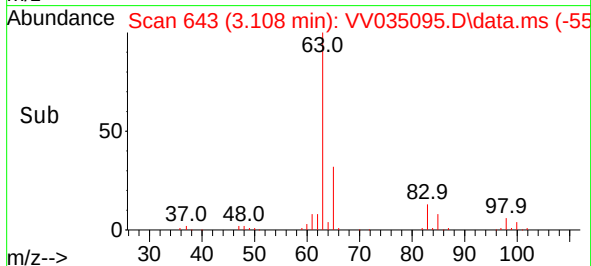
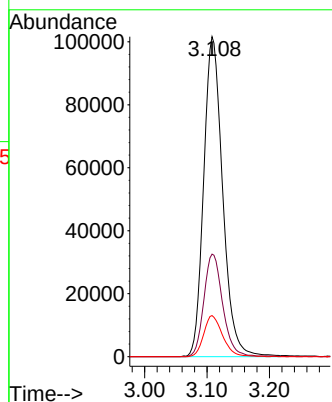
#19
1,1-Dichloroethane
Concen: 59.533 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 215385

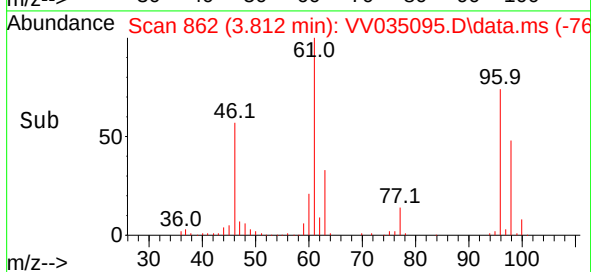
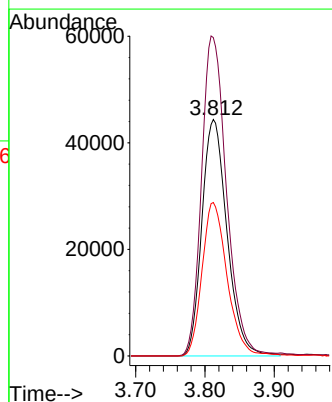
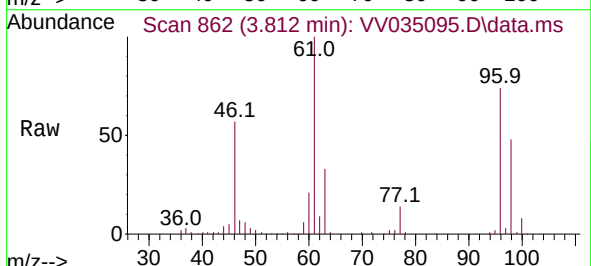
Ion	Ratio	Lower	Upper
63	100		
65	32.1	23.0	42.6
83	12.8	9.1	16.9

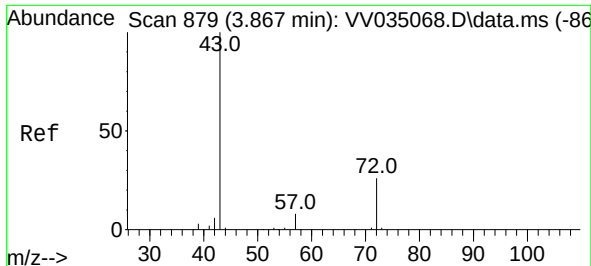


#20
cis-1,2-Dichloroethene
Concen: 55.926 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

Tgt Ion: 96 Resp: 112041

Ion	Ratio	Lower	Upper
96	100		
61	134.7	94.9	176.3
98	64.9	45.6	84.8





#22

2-Butanone

Concen: 154.346 ug/L

RT: 3.867 min Scan# 879

Delta R.T. 0.000 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

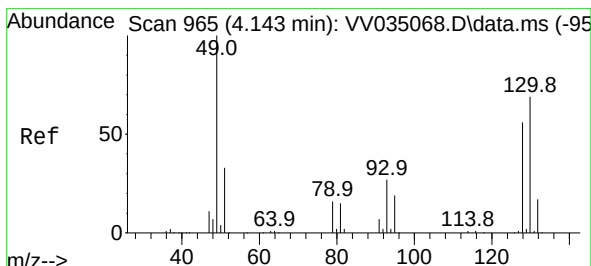
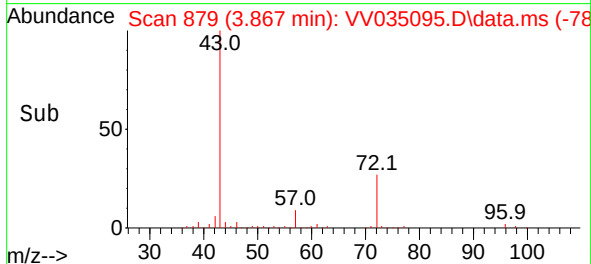
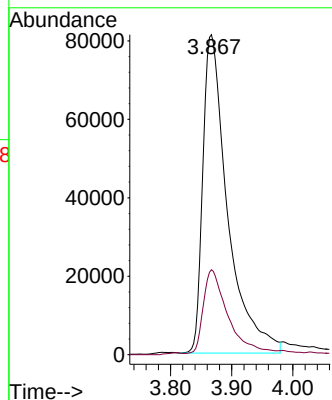
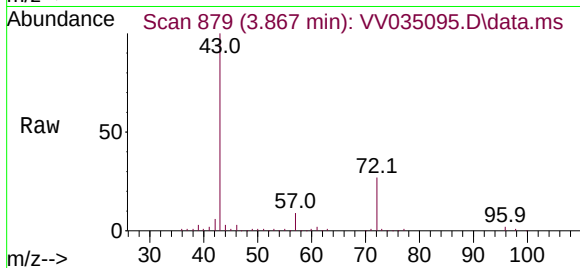
ClientSampleId :

Tgt Ion: 43 Resp: 228992

Ion Ratio Lower Upper

43 100

72 25.9 13.2 39.6



#23

Bromochloromethane

Concen: 58.438 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.003 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Tgt Ion: 128 Resp: 58574

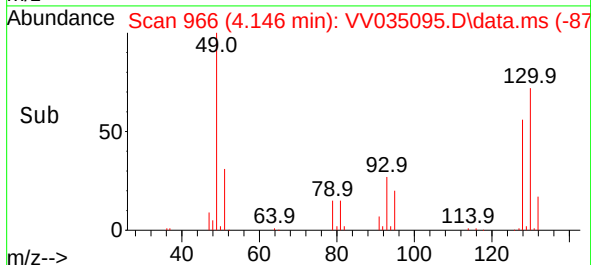
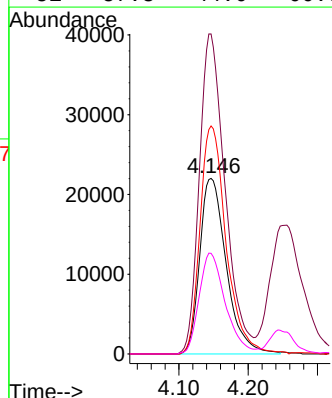
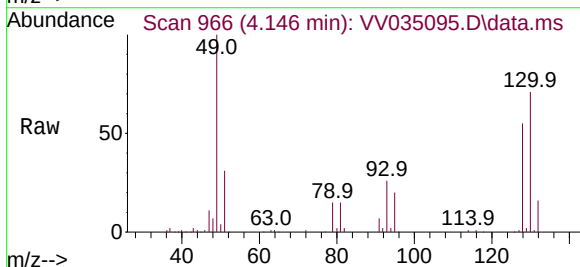
Ion Ratio Lower Upper

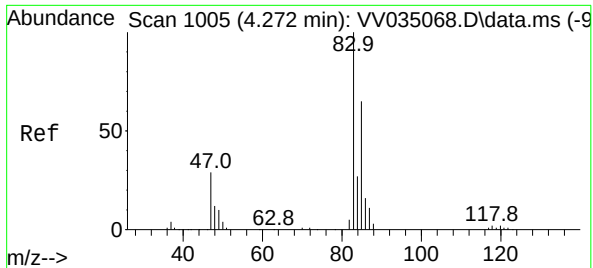
128 100

49 182.2 123.8 229.8

130 129.9 93.2 173.0

51 57.3 44.0 66.0

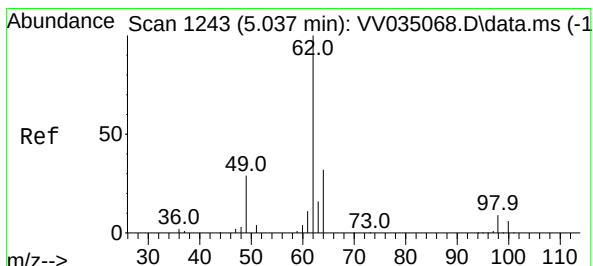
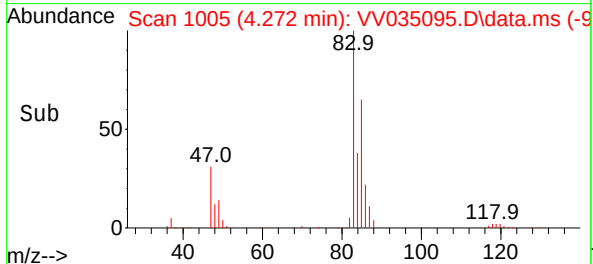
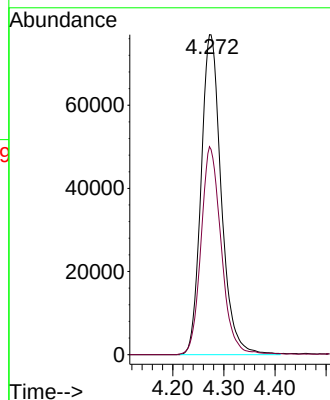
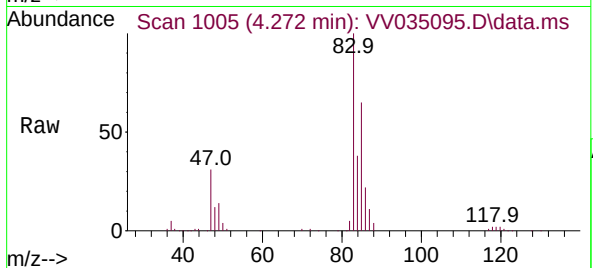




#25
Chloroform
Concen: 59.032 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

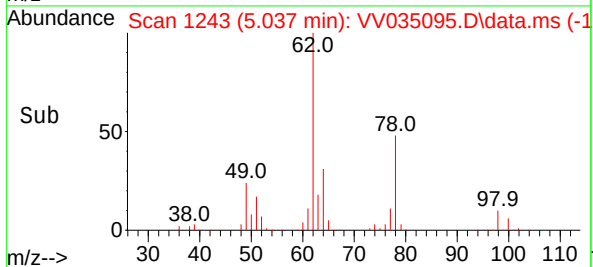
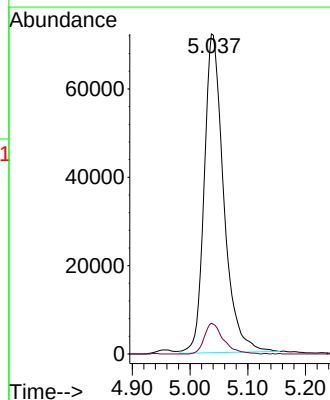
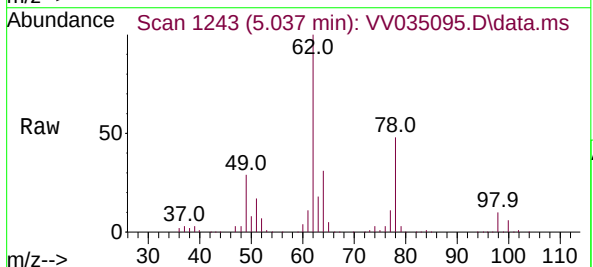
Instrument :
MSVOA_V
ClientSampleId :

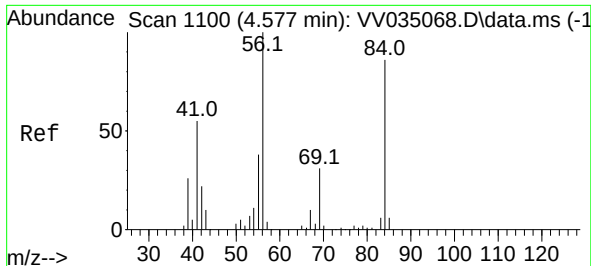
Tgt Ion: 83 Resp: 211155
Ion Ratio Lower Upper
83 100
85 65.0 46.0 85.4



#27
1,2-Dichloroethane
Concen: 59.364 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

Tgt Ion: 62 Resp: 169065
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8





#29

Cyclohexane

Concen: 50.895 ug/L

RT: 4.580 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

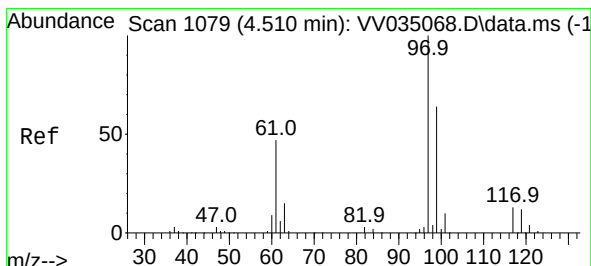
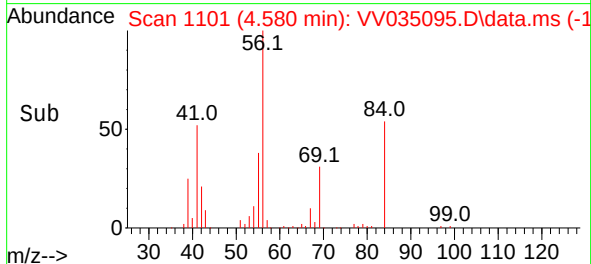
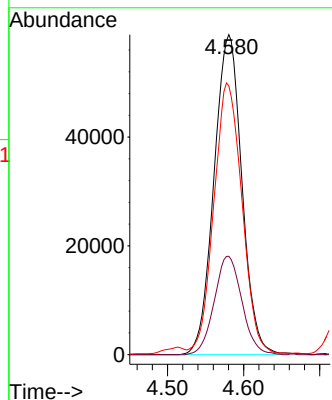
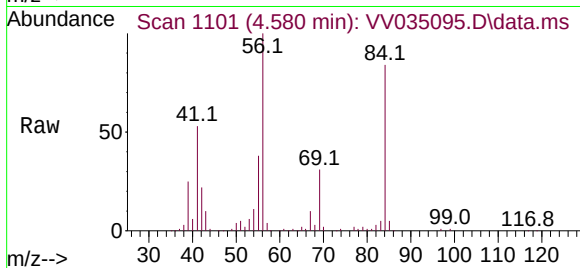
Tgt Ion: 56 Resp: 149677

Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.2

84 84.8 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 55.799 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. -0.003 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

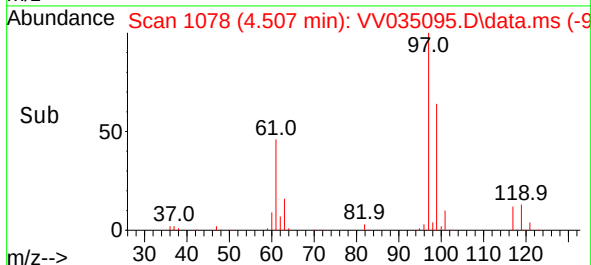
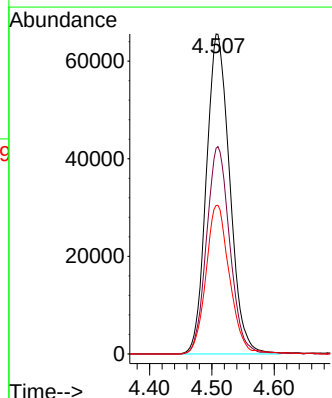
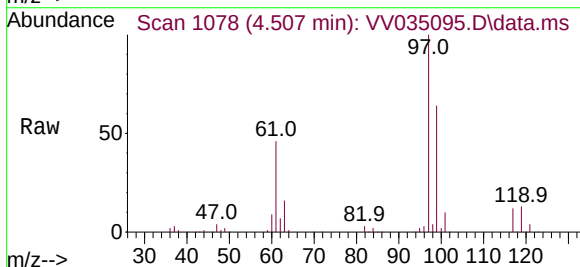
Tgt Ion: 97 Resp: 170782

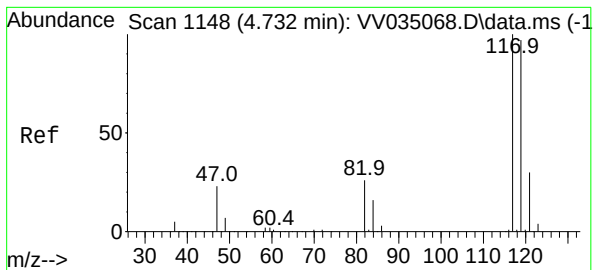
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

61 46.3 36.8 55.2





#31

Carbon tetrachloride

Concen: 55.274 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

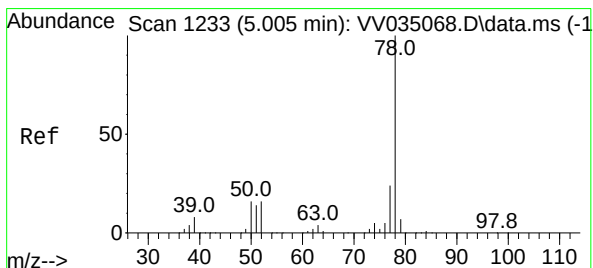
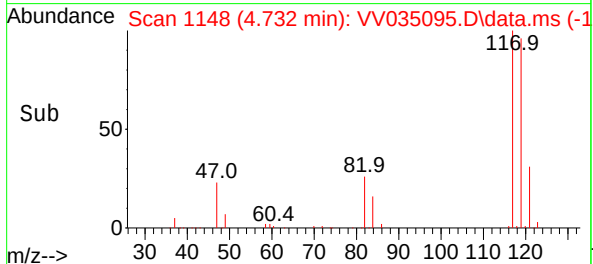
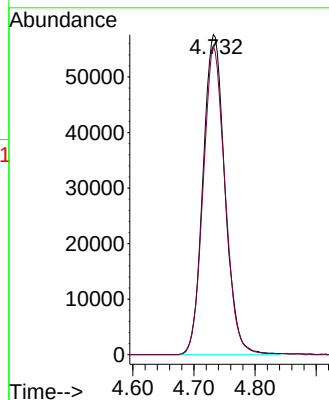
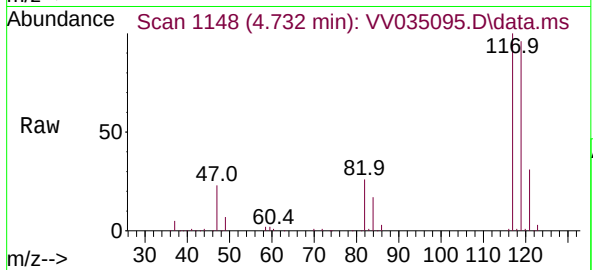
ClientSampleId :

Tgt Ion:117 Resp: 143391

Ion Ratio Lower Upper

117 100

119 96.0 77.1 115.7



#33

Benzene

Concen: 55.607 ug/L

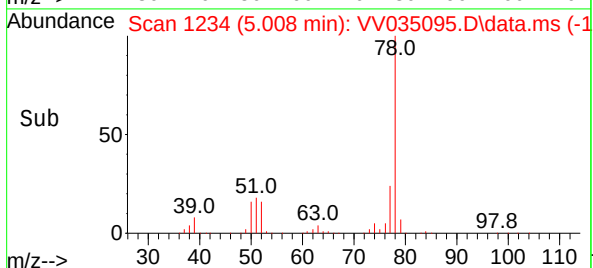
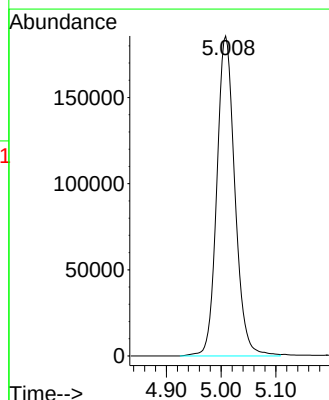
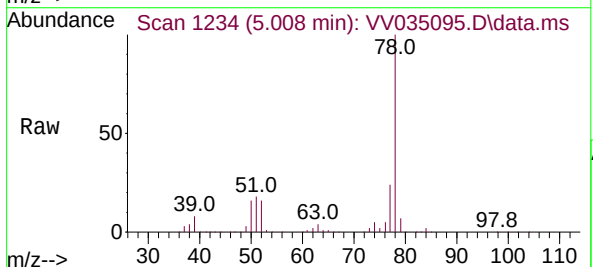
RT: 5.008 min Scan# 1234

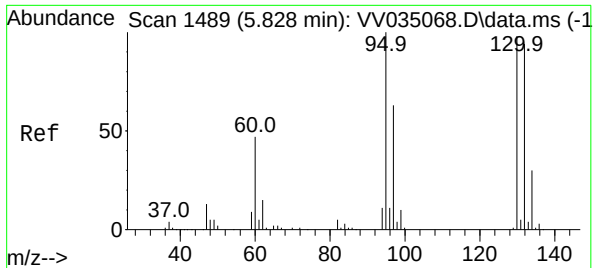
Delta R.T. 0.003 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

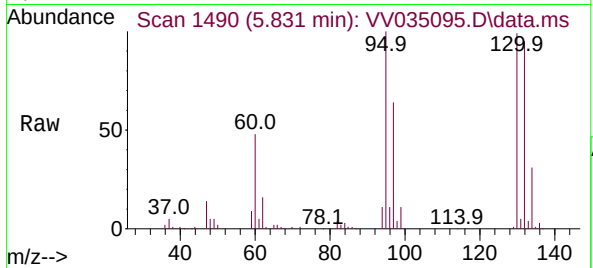
Tgt Ion: 78 Resp: 425759



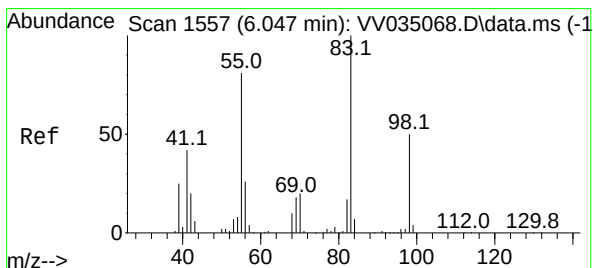
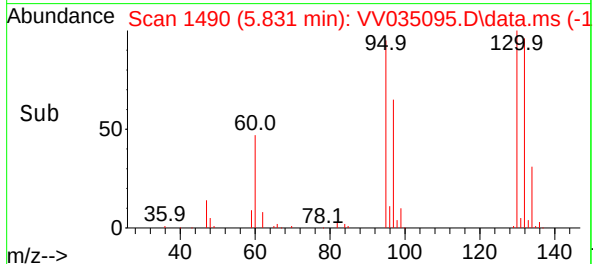
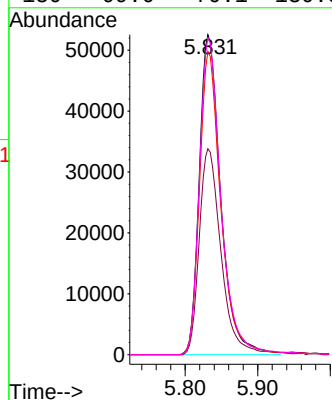


#34
Trichloroethene
Concen: 52.406 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

Instrument :
MSVOA_V
ClientSampleId :

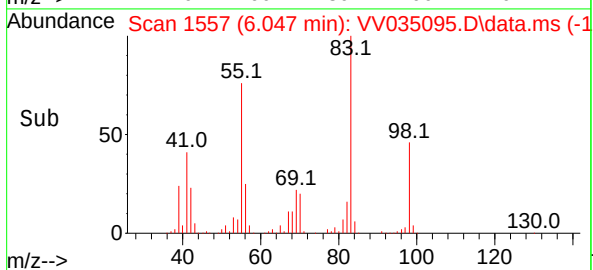
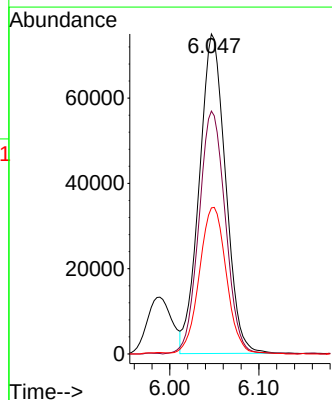
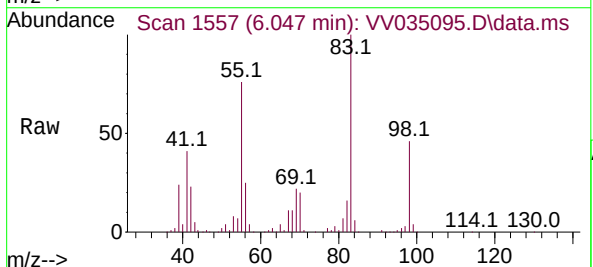


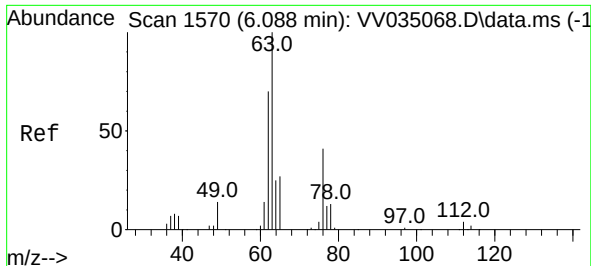
Tgt Ion: 95 Resp: 108289
Ion Ratio Lower Upper
95 100
97 64.4 45.3 84.1
132 94.8 65.3 121.3
130 99.0 70.1 130.3



#35
Methylcyclohexane
Concen: 49.195 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

Tgt Ion: 83 Resp: 153521
Ion Ratio Lower Upper
83 100
55 76.7 60.0 90.0
98 47.3 37.6 56.4





#37

1,2-Dichloropropane

Concen: 59.815 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. 0.003 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

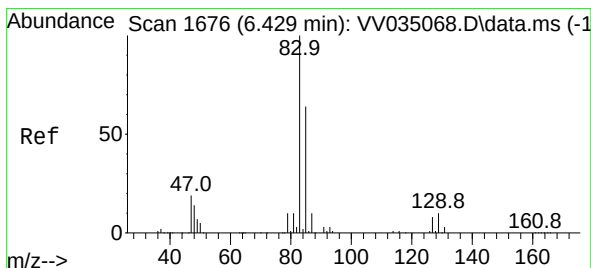
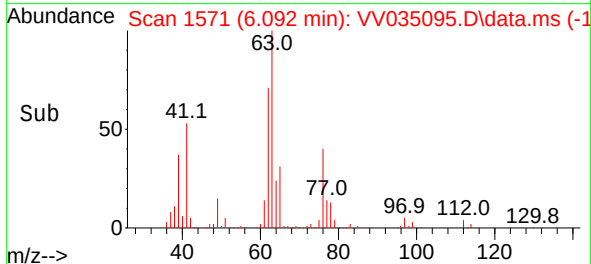
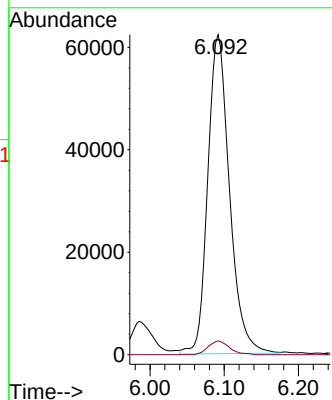
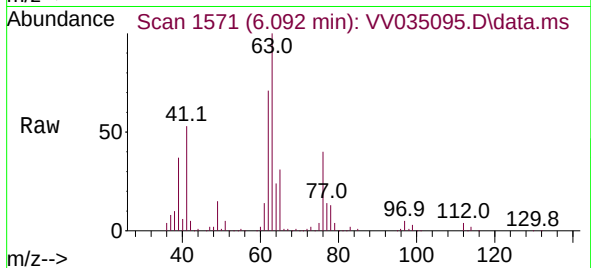
ClientSampleId :

Tgt Ion: 63 Resp: 126565

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 58.552 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

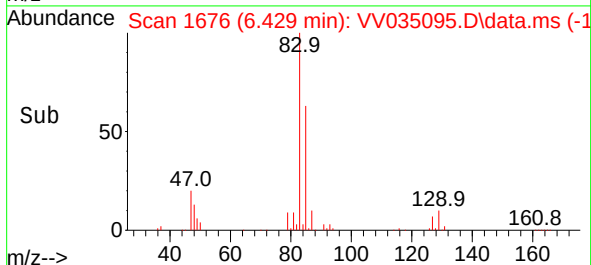
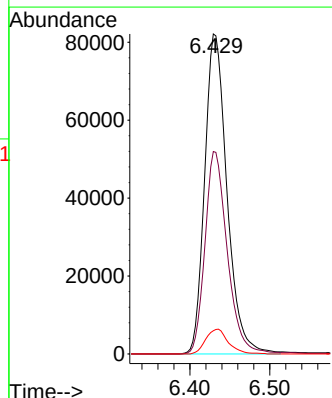
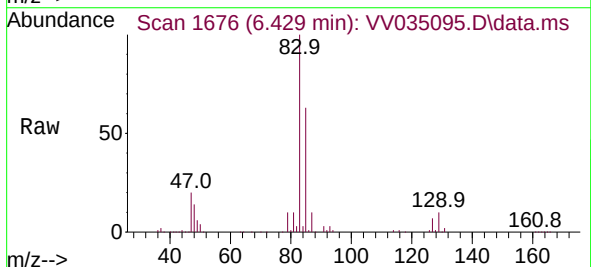
Tgt Ion: 83 Resp: 159852

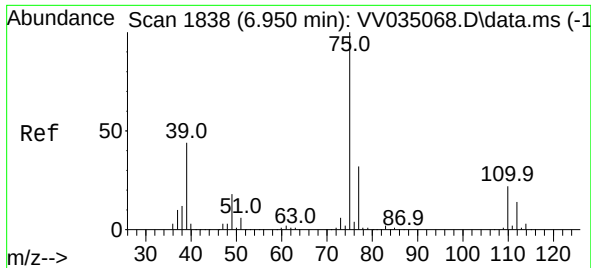
Ion Ratio Lower Upper

83 100

85 63.3 43.7 81.1

127 7.3 6.4 9.6

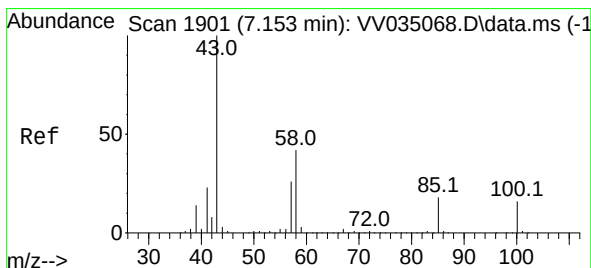
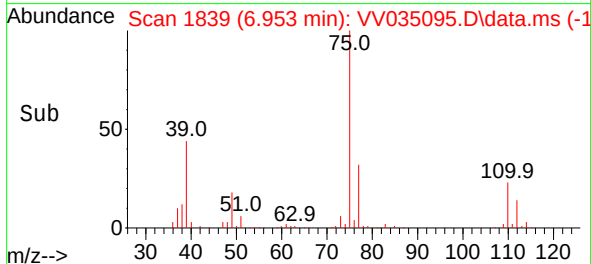
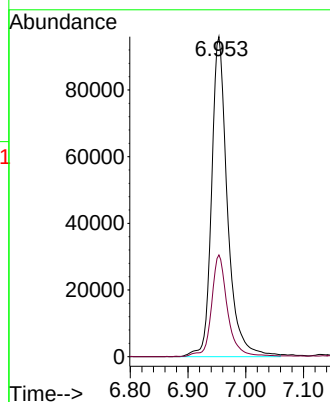
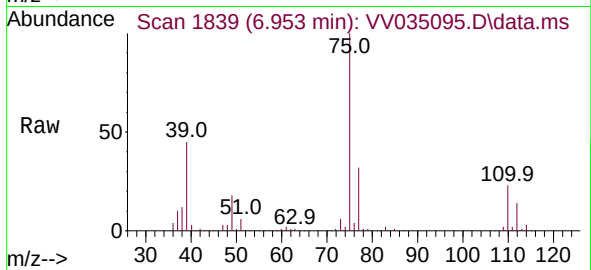




#39
 cis-1,3-Dichloropropene
 Concen: 55.168 ug/L
 RT: 6.953 min Scan# 1839
 Delta R.T. 0.003 min
 Lab File: VV035095.D
 Acq: 09 Apr 2024 20:15

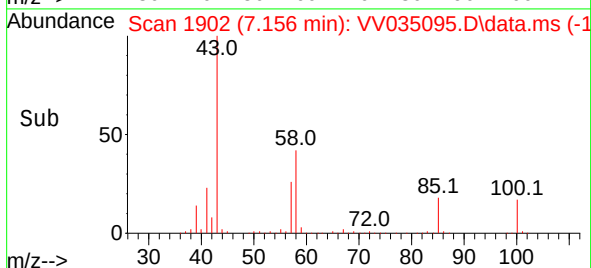
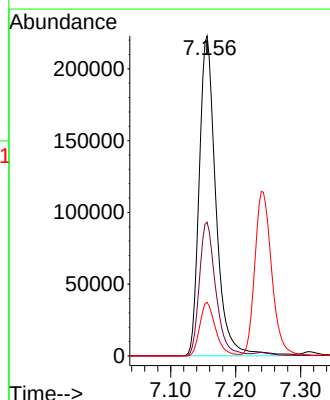
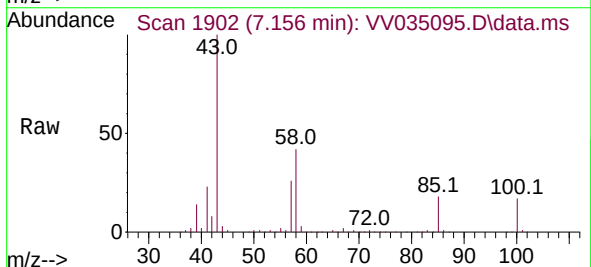
Instrument :
 MSVOA_V
 ClientSampleId :

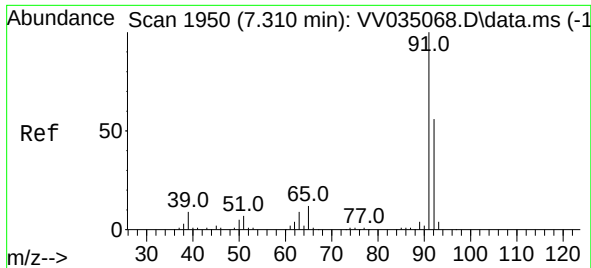
Tgt Ion: 75 Resp: 183888
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 147.067 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV035095.D
 Acq: 09 Apr 2024 20:15

Tgt Ion: 43 Resp: 397309
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.8 50.8
 100 16.0 13.0 19.4

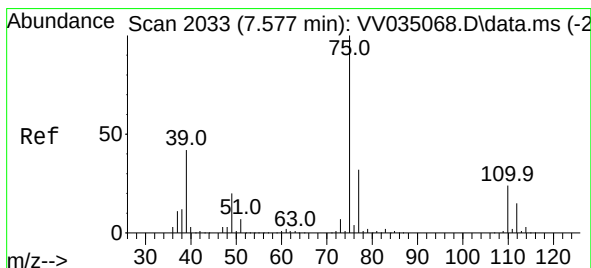
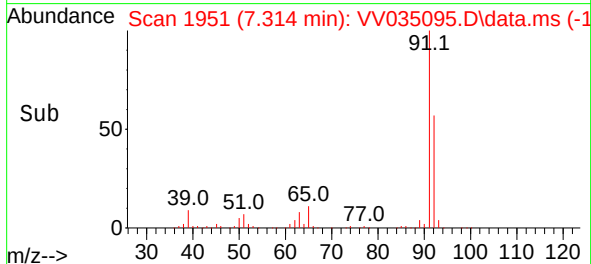
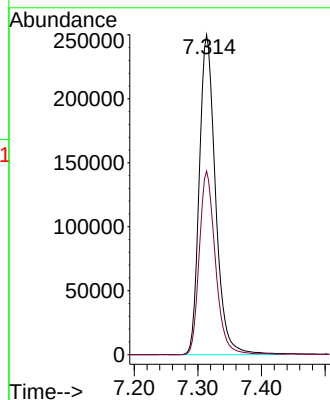
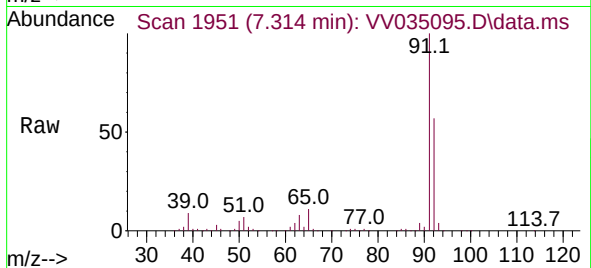




#42
Toluene
Concen: 55.238 ug/L
RT: 7.314 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

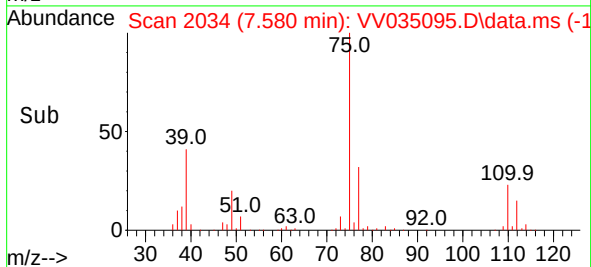
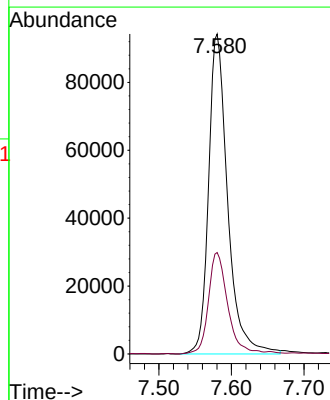
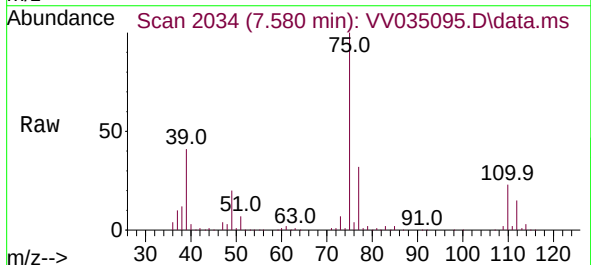
Instrument :
MSVOA_V
ClientSampleId :

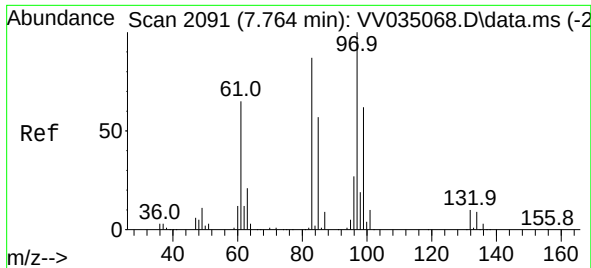
Tgt Ion: 91 Resp: 442789
Ion Ratio Lower Upper
91 100
92 57.4 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 56.241 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. 0.003 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

Tgt Ion: 75 Resp: 172229
Ion Ratio Lower Upper
75 100
77 31.7 21.7 40.3



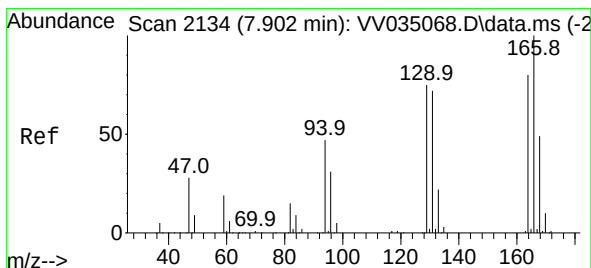
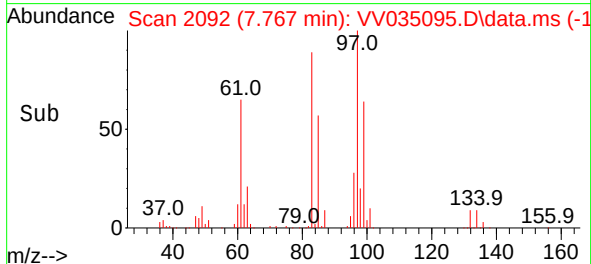
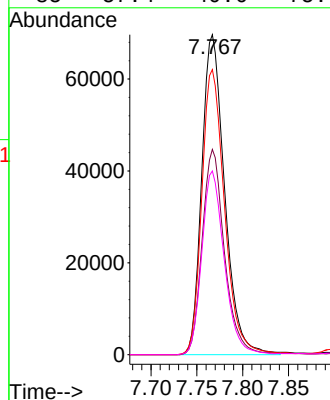
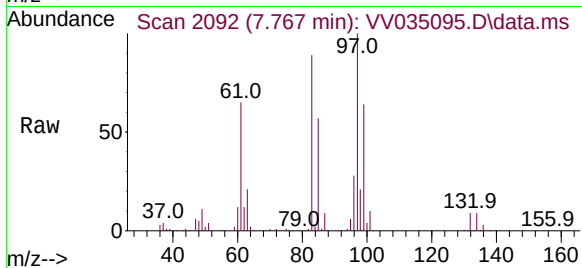


#45
1,1,2-Trichloroethane
Concen: 60.550 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 120759

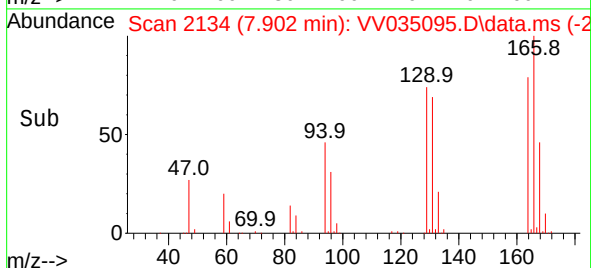
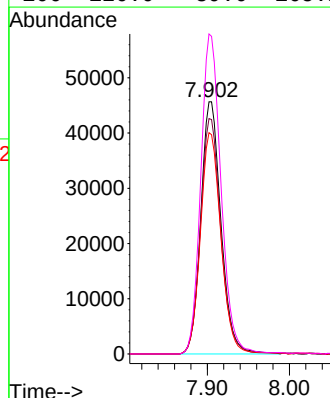
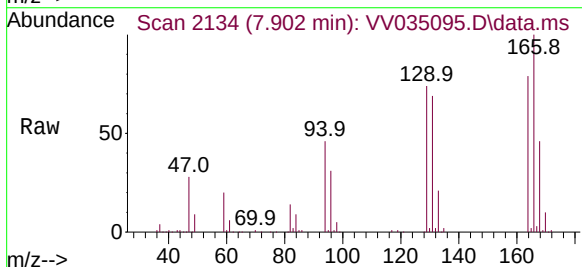
Ion	Ratio	Lower	Upper
97	100		
99	64.1	43.3	80.3
83	89.1	61.6	114.4
85	57.4	40.6	75.4

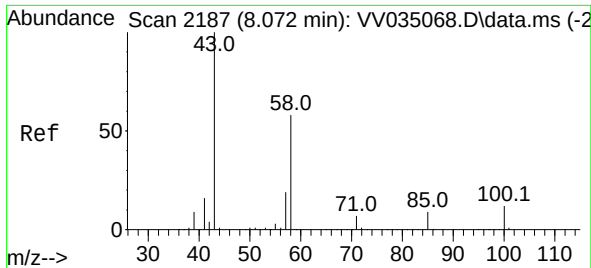


#46
Tetrachloroethene
Concen: 54.114 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

Tgt Ion: 164 Resp: 78121

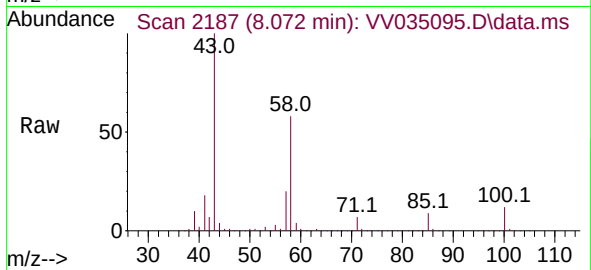
Ion	Ratio	Lower	Upper
164	100		
129	93.3	68.6	127.4
131	87.7	65.7	122.1
166	126.9	89.0	165.2



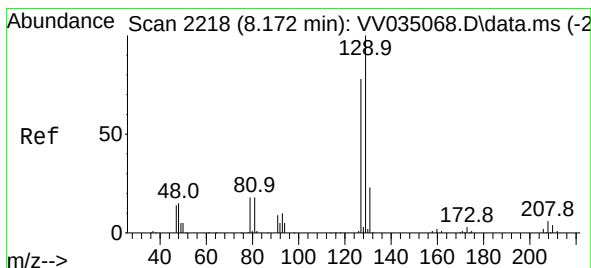
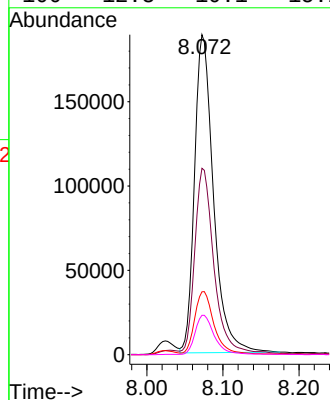
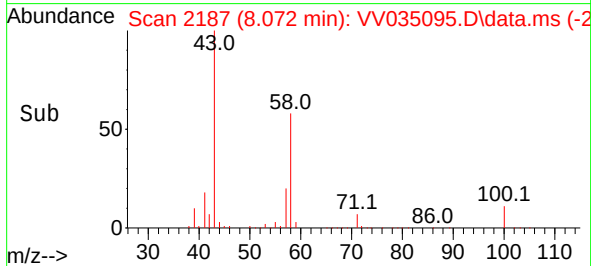


#48
2-Hexanone
Concen: 142.846 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

Instrument :
MSVOA_V
ClientSampleId :

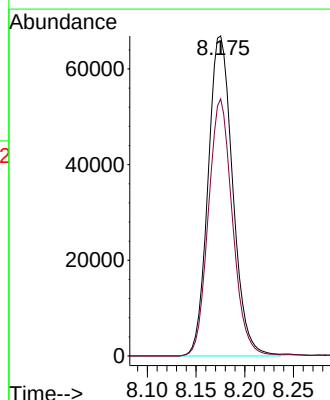
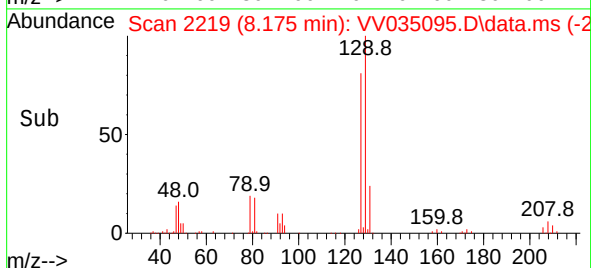
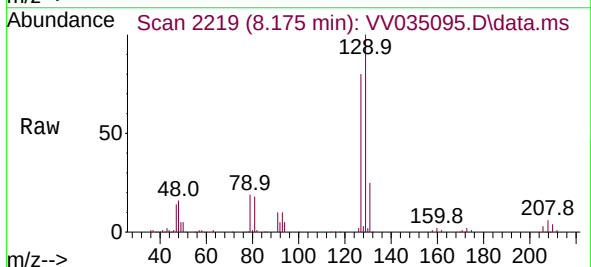


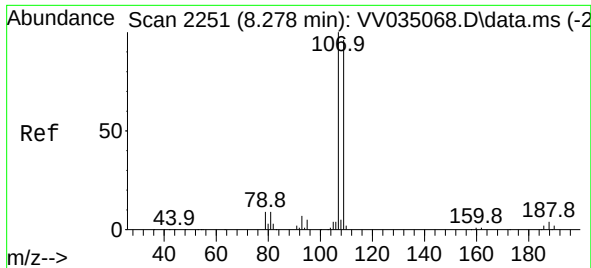
Tgt Ion: 43 Resp: 328215
Ion Ratio Lower Upper
43 100
58 59.4 45.4 68.2
57 20.4 16.2 24.4
100 12.3 10.1 15.1



#49
Dibromochloromethane
Concen: 59.604 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

Tgt Ion: 129 Resp: 117734
Ion Ratio Lower Upper
129 100
127 80.3 54.1 100.5

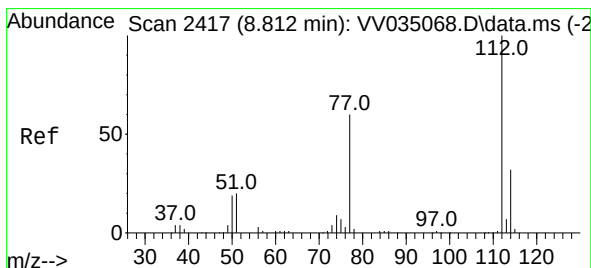
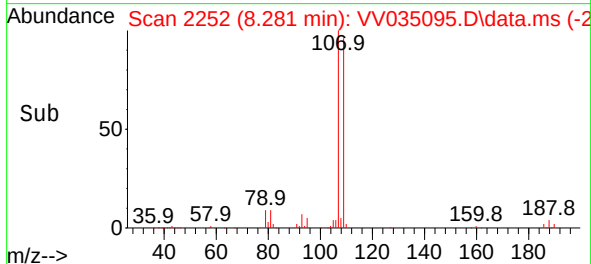
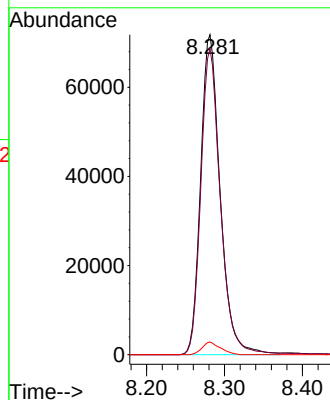
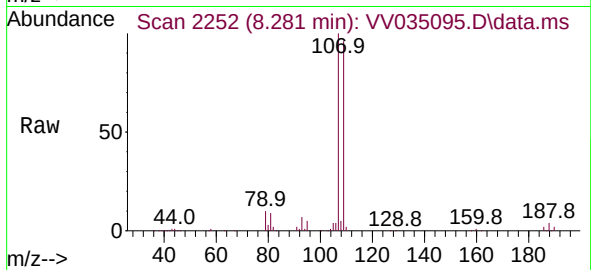




#50
1,2-Dibromoethane
Concen: 58.329 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

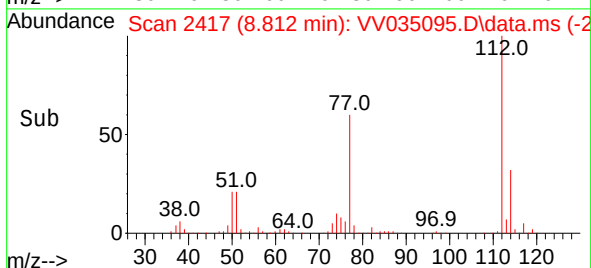
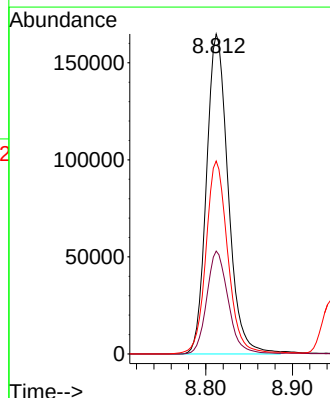
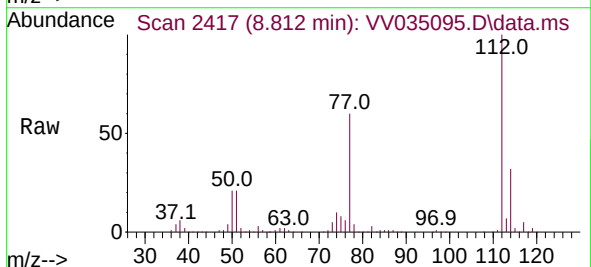
Instrument :
MSVOA_V
ClientSampleId :

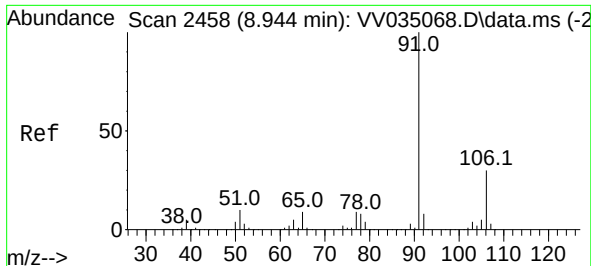
Tgt Ion:107 Resp: 125241
Ion Ratio Lower Upper
107 100
109 95.7 64.5 119.9
188 4.1 2.8 4.2



#51
Chlorobenzene
Concen: 55.196 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

Tgt Ion:112 Resp: 286760
Ion Ratio Lower Upper
112 100
114 32.1 22.0 41.0
77 60.3 47.4 71.2





#52

Ethylbenzene

Concen: 52.792 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

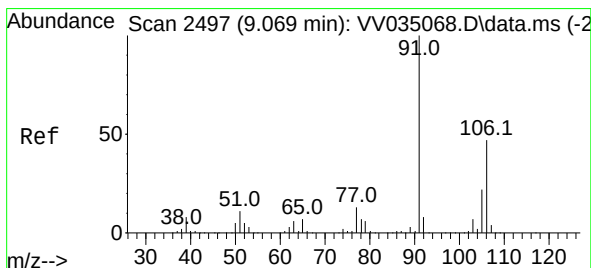
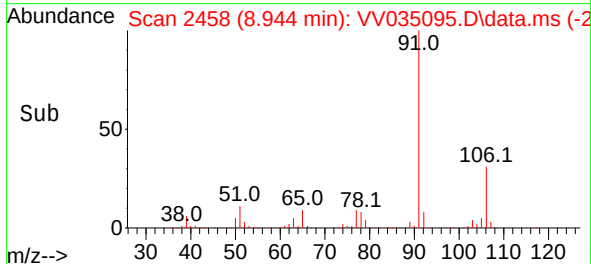
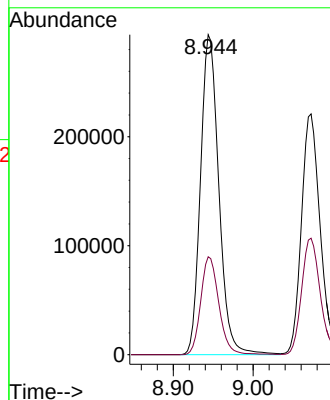
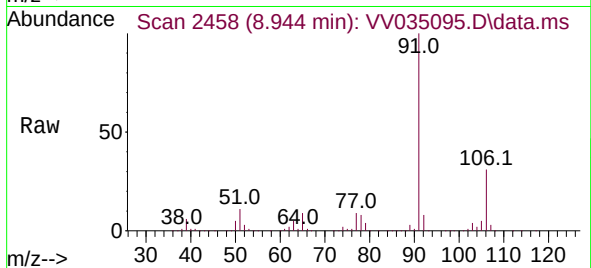
ClientSampleId :

Tgt Ion: 91 Resp: 469008

Ion Ratio Lower Upper

91 100

106 30.6 21.3 39.5



#53

m,p-Xylene

Concen: 52.899 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV035095.D

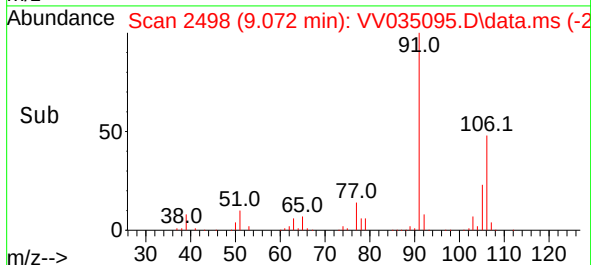
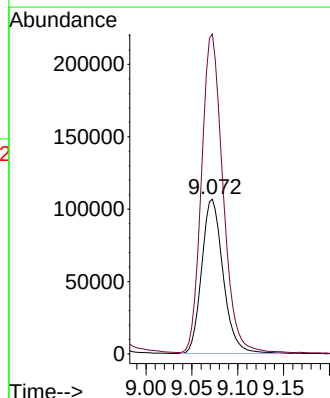
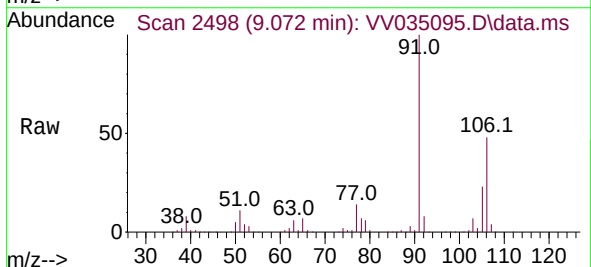
Acq: 09 Apr 2024 20:15

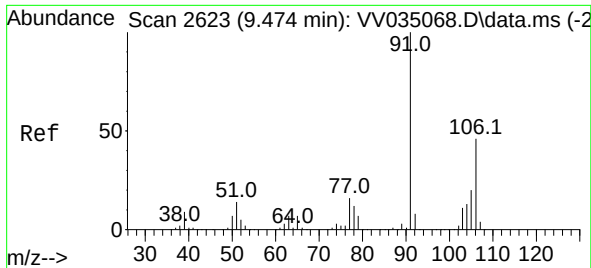
Tgt Ion: 106 Resp: 173069

Ion Ratio Lower Upper

106 100

91 206.9 144.8 269.0

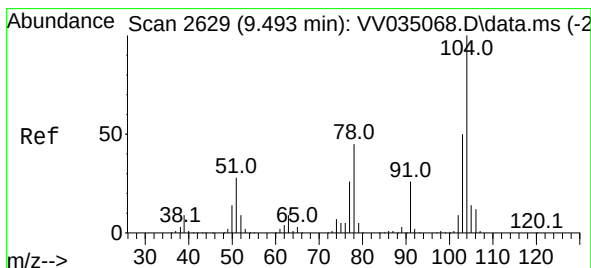
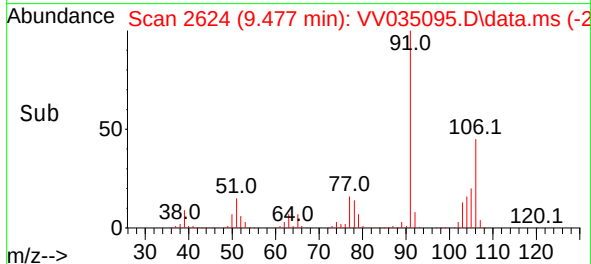
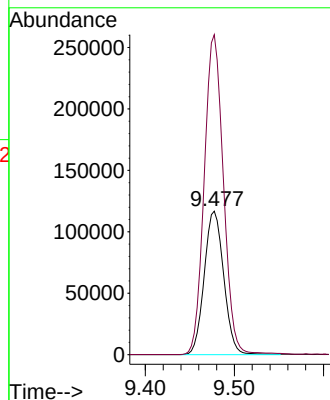
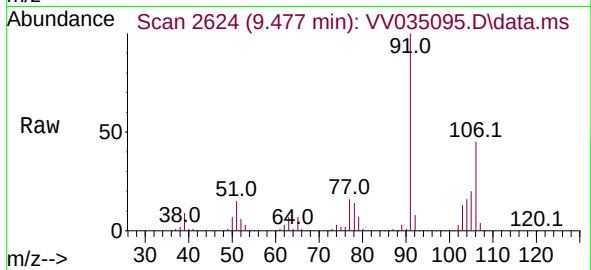




#54
o-Xylene
Concen: 54.976 ug/L
RT: 9.477 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

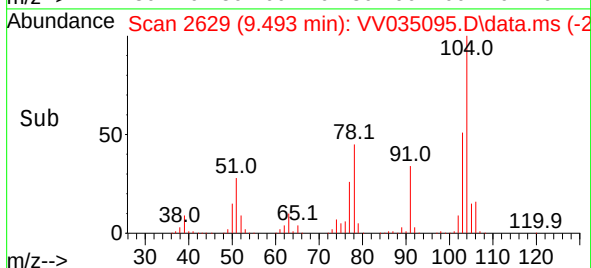
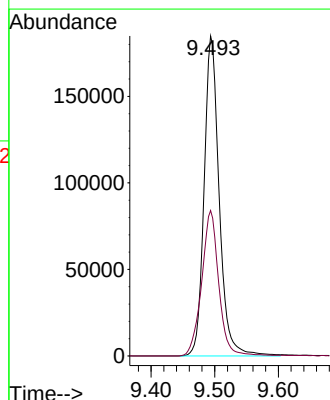
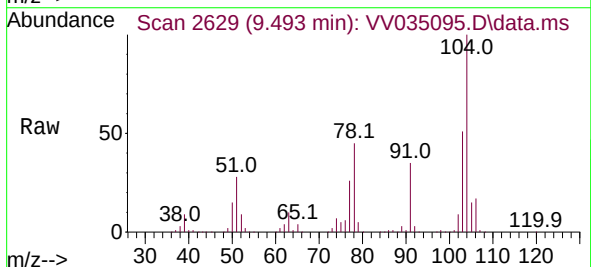
Instrument :
MSVOA_V
ClientSampleId :

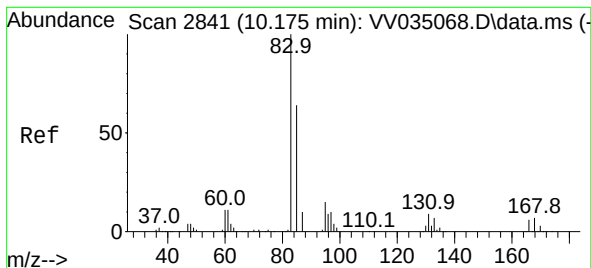
Tgt Ion:106 Resp: 177964
Ion Ratio Lower Upper
106 100
91 222.8 151.3 280.9



#55
Styrene
Concen: 55.845 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

Tgt Ion:104 Resp: 305490
Ion Ratio Lower Upper
104 100
78 45.5 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 64.988 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

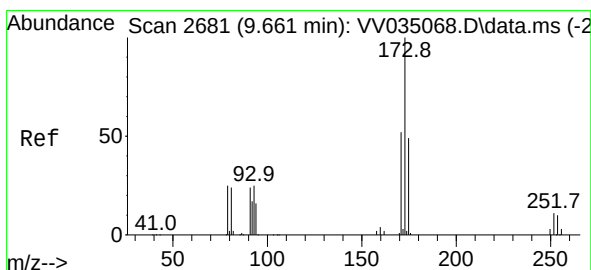
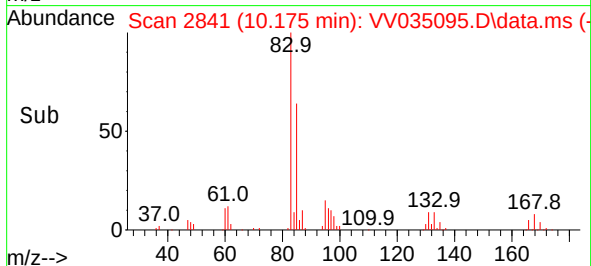
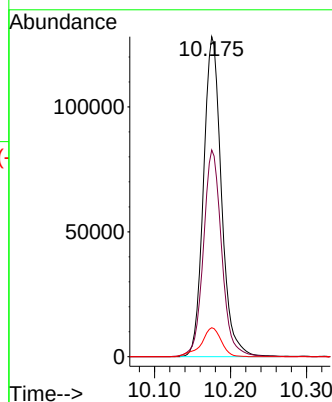
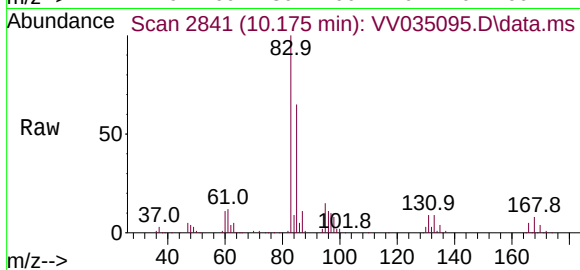
Tgt Ion: 83 Resp: 209997

Ion Ratio Lower Upper

83 100

85 64.6 44.5 82.7

131 9.0 6.9 10.3



#59

Bromoform

Concen: 69.167 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.003 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

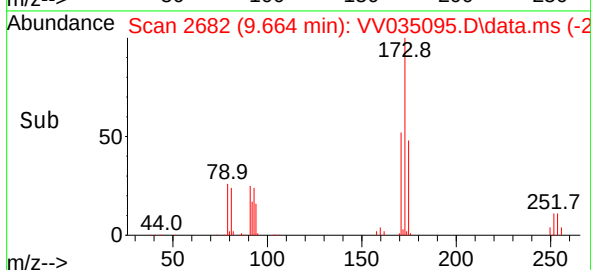
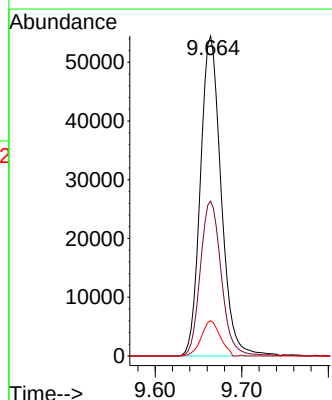
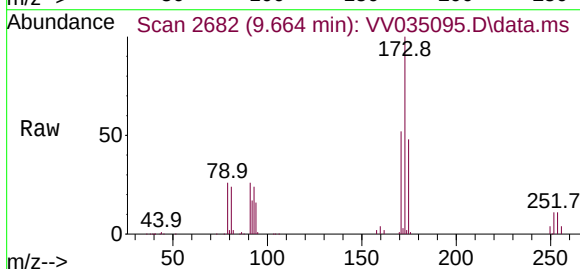
Tgt Ion: 173 Resp: 90502

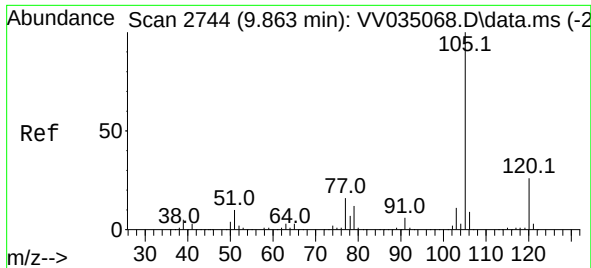
Ion Ratio Lower Upper

173 100

175 48.8 39.3 58.9

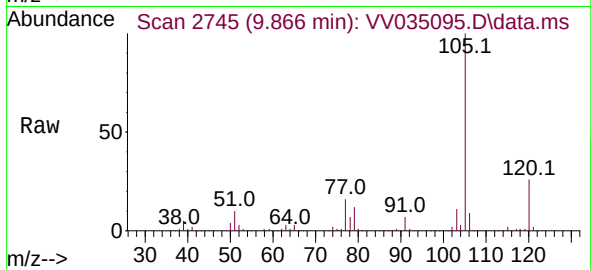
254 10.0 7.5 11.3



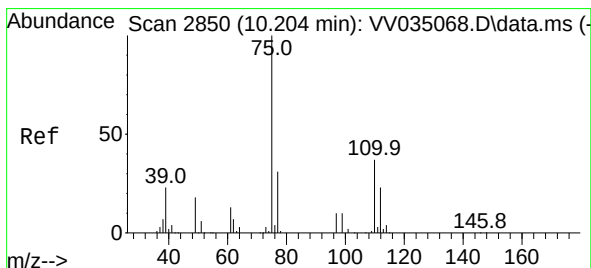
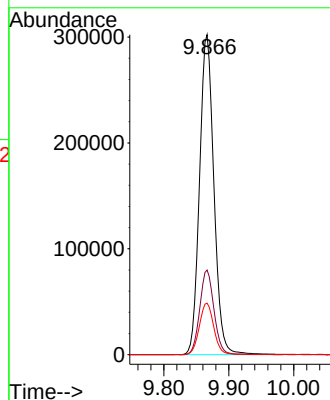
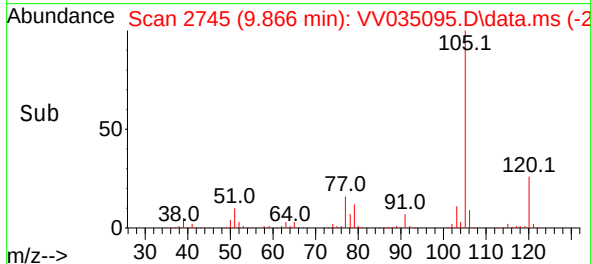


#60
Isopropylbenzene
Concen: 56.619 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15

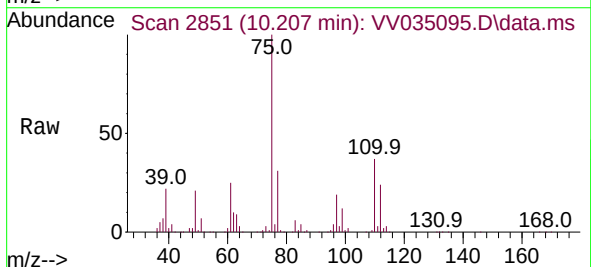
Instrument :
MSVOA_V
ClientSampleId :



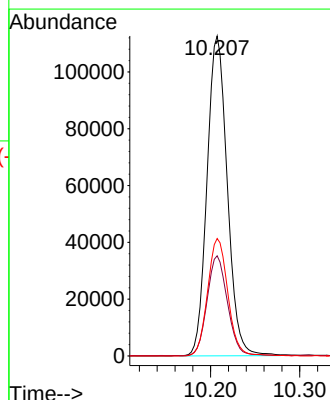
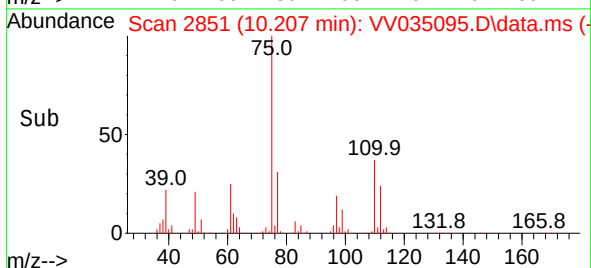
Tgt Ion:105 Resp: 466050
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 16.2 13.1 19.7

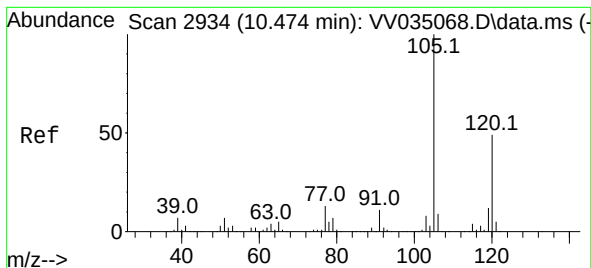


#61
1,2,3-Trichloropropane
Concen: 71.683 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035095.D
Acq: 09 Apr 2024 20:15



Tgt Ion: 75 Resp: 177357
Ion Ratio Lower Upper
75 100
77 31.4 26.0 39.0
110 36.5 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 55.176 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

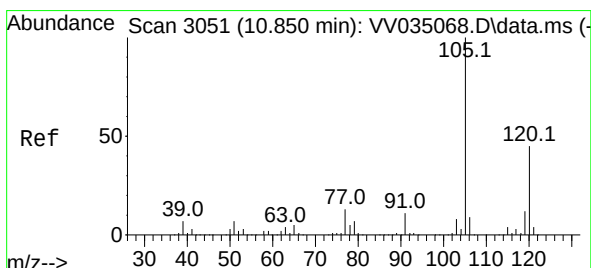
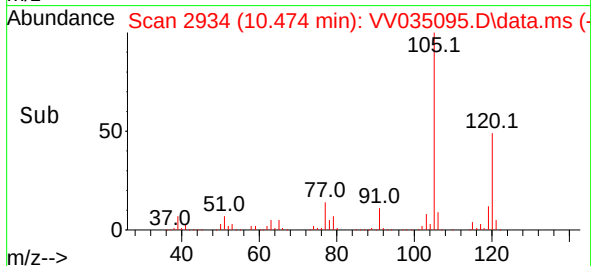
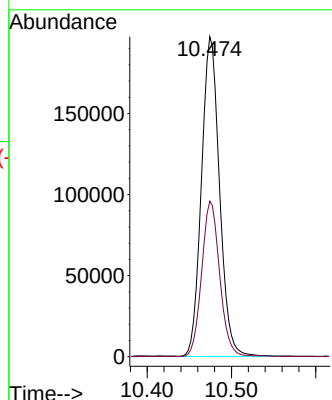
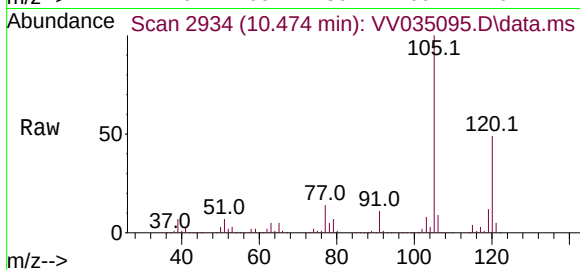
ClientSampleId :

Tgt Ion:105 Resp: 294959

Ion Ratio Lower Upper

105 100

120 48.2 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 55.450 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035095.D

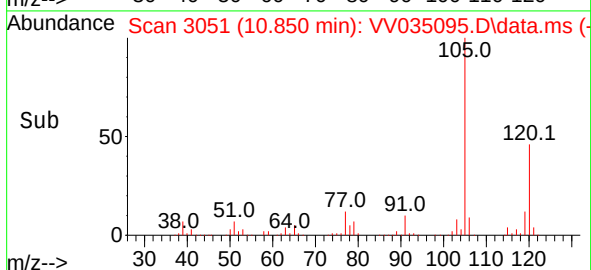
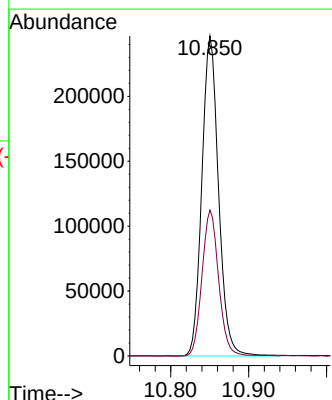
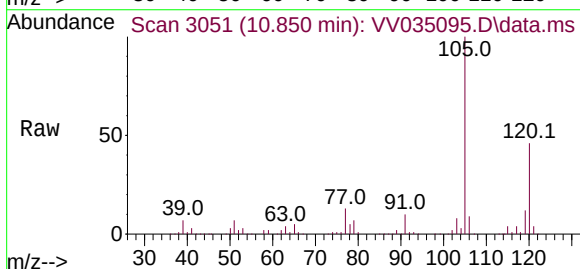
Acq: 09 Apr 2024 20:15

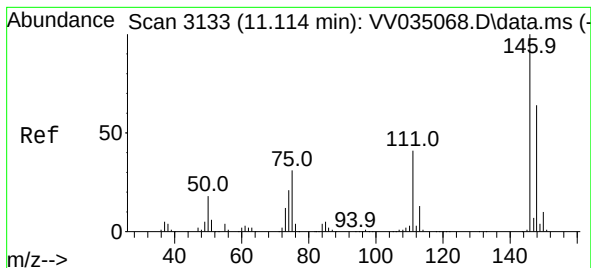
Tgt Ion:105 Resp: 366491

Ion Ratio Lower Upper

105 100

120 45.4 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 55.429 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

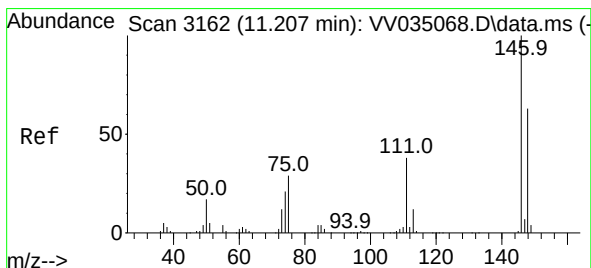
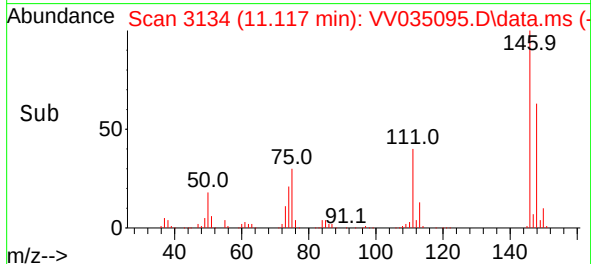
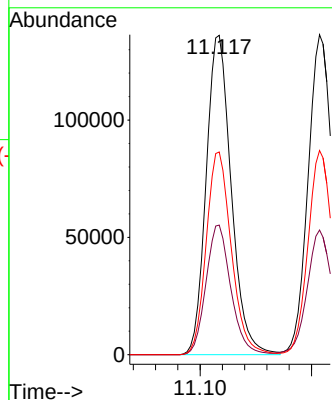
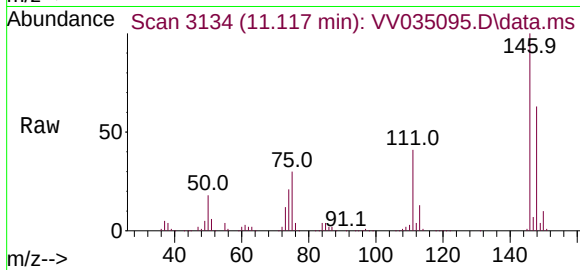
Tgt Ion:146 Resp: 213214

Ion Ratio Lower Upper

146 100

111 40.6 28.7 53.3

148 63.5 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 55.509 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

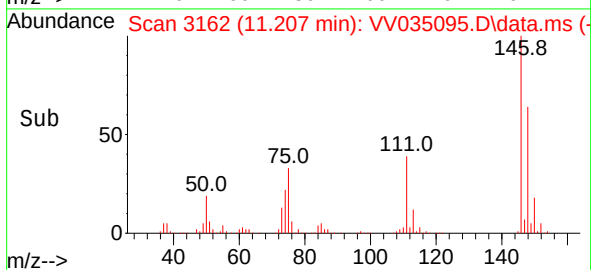
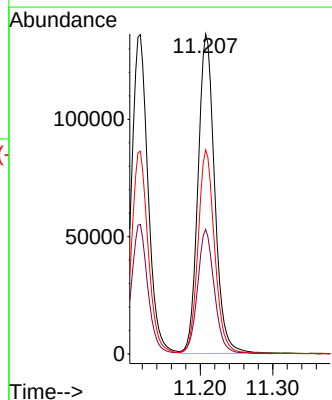
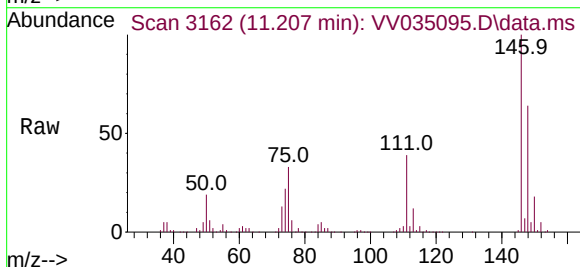
Tgt Ion:146 Resp: 217137

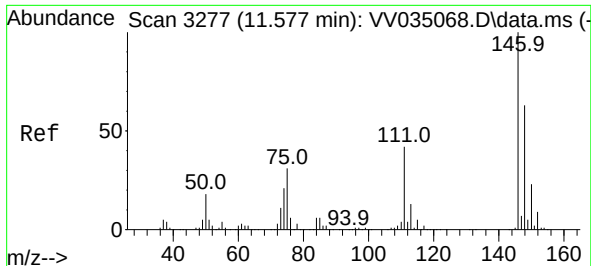
Ion Ratio Lower Upper

146 100

111 38.9 27.4 50.8

148 63.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 58.732 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

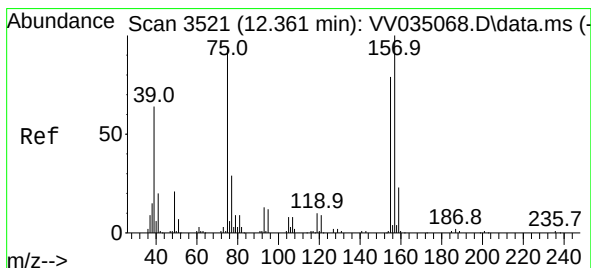
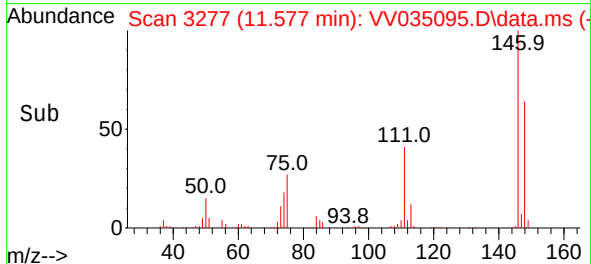
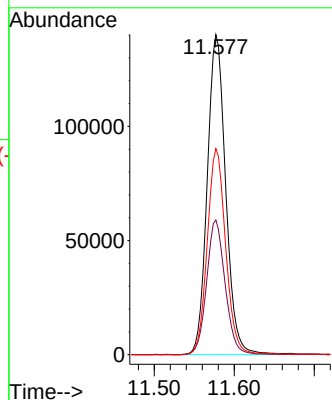
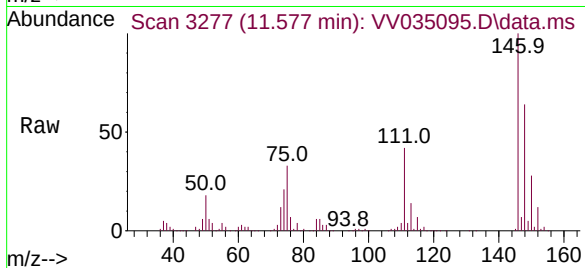
Tgt Ion:146 Resp: 225057

Ion Ratio Lower Upper

146 100

111 42.1 34.6 52.0

148 64.4 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 77.333 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

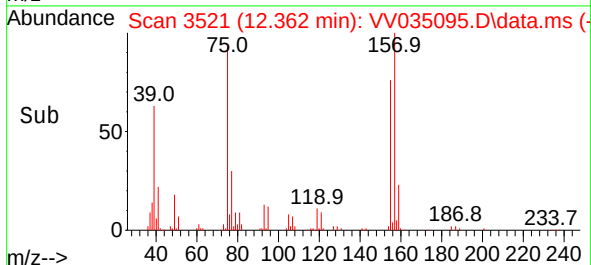
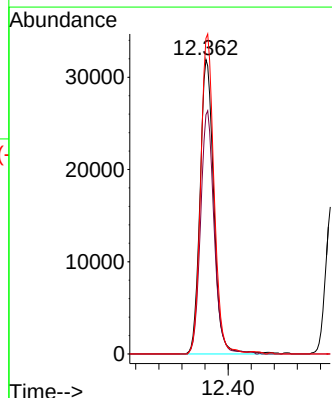
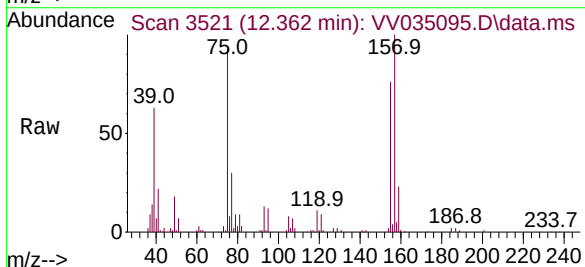
Tgt Ion: 75 Resp: 52713

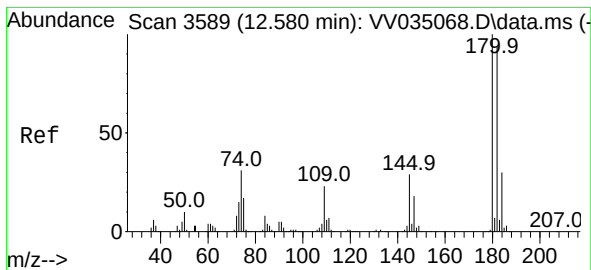
Ion Ratio Lower Upper

75 100

155 81.2 63.0 94.6

157 107.2 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 52.200 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

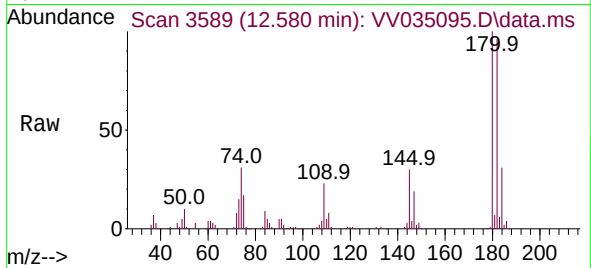
Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 144714

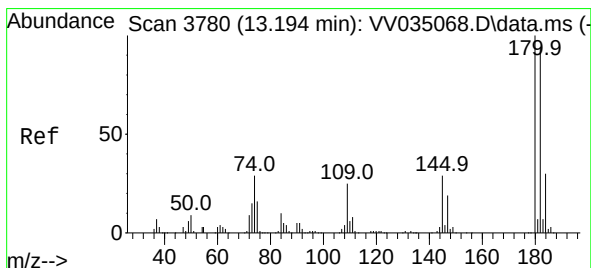
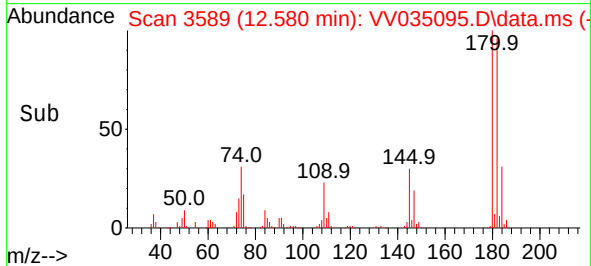
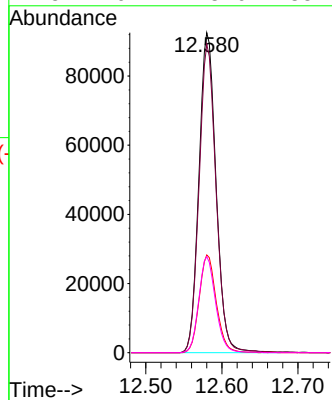
Ion Ratio Lower Upper

180 100

182 95.2 74.7 112.1

184 30.5 24.0 36.0

145 29.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 52.271 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

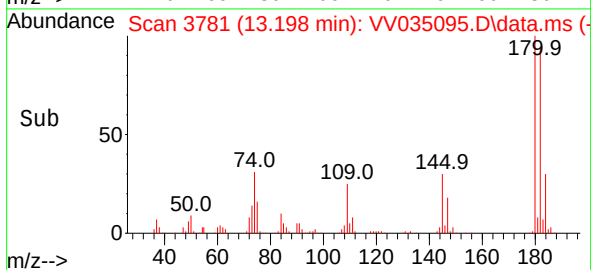
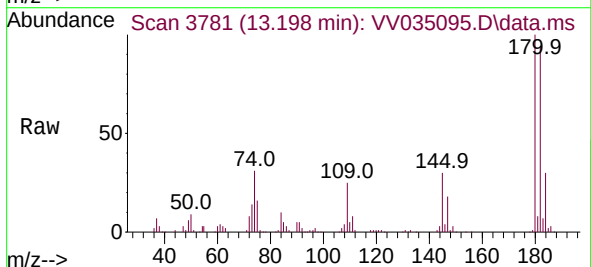
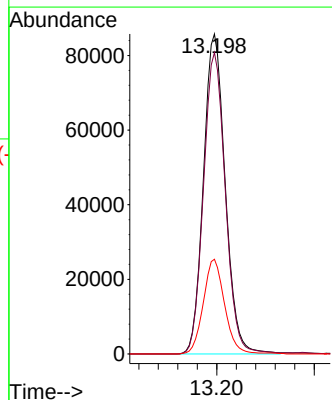
Tgt Ion:180 Resp: 133111

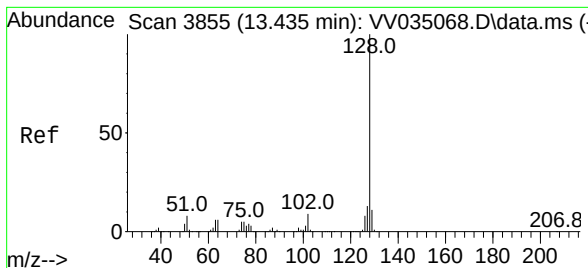
Ion Ratio Lower Upper

180 100

182 94.4 75.6 113.4

145 28.8 24.1 36.1





#71

Naphthalene

Concen: 66.299 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

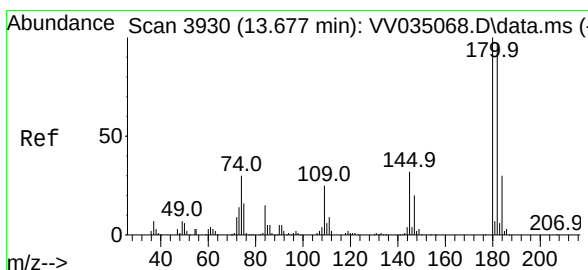
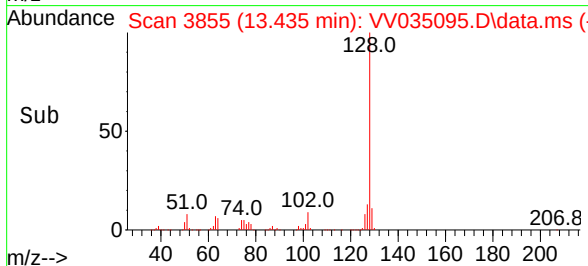
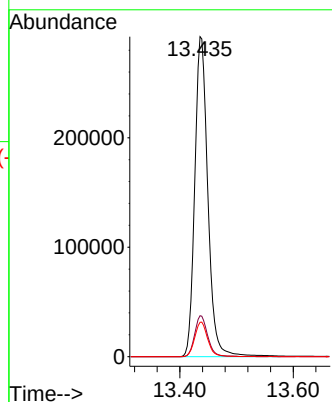
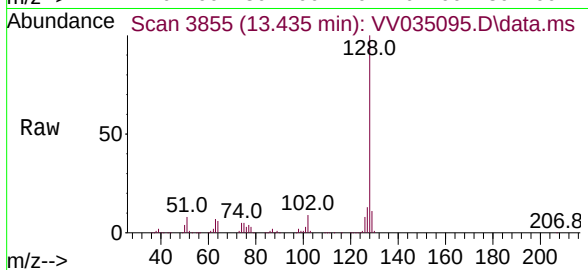
Tgt Ion:128 Resp: 468414

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 58.271 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035095.D

Acq: 09 Apr 2024 20:15

Tgt Ion:180 Resp: 146270

Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

145 31.2 25.8 38.6

