

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035036.D
 Acq On : 06 Apr 2024 04:14
 Operator : SY/MD
 Sample : P2009-03MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 06 05:45:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	394719	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	384544	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	196031	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	202741	53.185	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.360%
7) Chloroethane-d5	1.532	69	168261	50.819	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.640%
11) 1,1-Dichloroethene-d2	2.060	65	79282	47.446	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.900%
21) 2-Butanone-d5	3.789	46	215890	95.492	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.490%
24) Chloroform-d	4.246	84	316130	49.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.640%
26) 1,2-Dichloroethane-d4	4.941	65	193718	47.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.220%
32) Benzene-d6	4.957	84	625599	48.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.860%
36) 1,2-Dichloropropane-d6	5.985	67	200145	48.795	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.580%
41) Toluene-d8	7.239	98	565063	48.575	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.140%
43) trans-1,3-Dichloroprop...	7.551	79	90954	45.612	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.220%
47) 2-Hexanone-d5	8.024	63	132473	85.422	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.420%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	277128	49.062	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.120%
66) 1,2-Dichlorobenzene-d4	11.558	152	207990	47.256	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	137081	47.917	ug/L	100
3) Chloromethane	1.217	50	172366	46.866	ug/L	99
5) Vinyl chloride	1.285	62	185109	48.010	ug/L	# 1
6) Bromomethane	1.490	94	116367	40.264	ug/L	99
8) Chloroethane	1.548	64	159142	60.435	ug/L	99
9) Trichlorofluoromethane	1.712	101	254643	50.320	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	156838	50.636	ug/L	97
12) 1,1-Dichloroethene	2.069	96	145015	48.952	ug/L	97
13) Acetone	2.124	43	168812	81.331	ug/L	99
14) Carbon disulfide	2.240	76	386431	46.322	ug/L	100
15) Methyl Acetate	2.375	43	157120	48.036	ug/L	99
16) Methylene chloride	2.445	84	173817	54.151	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	151819	53.008	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	562176	55.883	ug/L	98
19) 1,1-Dichloroethane	3.111	63	333867	56.845	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	198926	61.165	ug/L	99
22) 2-Butanone	3.870	43	240208	99.732	ug/L	98
23) Bromochloromethane	4.146	128	91094	55.982	ug/L	98
25) Chloroform	4.272	83	328221	56.523	ug/L	100

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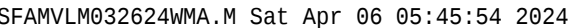
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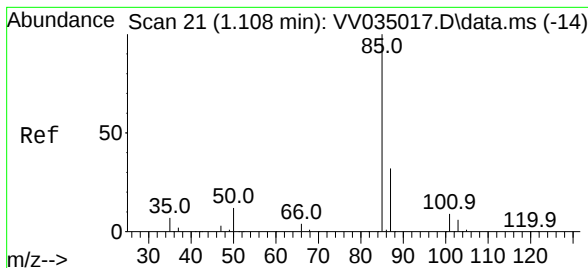
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 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	256698	55.522	ug/L	100
29) Cyclohexane	4.580	56	254340	52.808	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	274886	54.840	ug/L	99
31) Carbon tetrachloride	4.735	117	235445	55.418	ug/L	99
33) Benzene	5.008	78	681077	54.315	ug/L	100
34) Trichloroethene	5.831	95	171303	50.620	ug/L	99
35) Methylcyclohexane	6.050	83	262436	51.349	ug/L	99
37) 1,2-Dichloropropane	6.092	63	199508	57.573	ug/L	100
38) Bromodichloromethane	6.429	83	251489	56.248	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	295768	54.180	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	502690	113.618	ug/L	99
42) Toluene	7.313	91	724733	55.205	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	275663	54.965	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	184991	56.638	ug/L	98
46) Tetrachloroethene	7.902	164	129322	54.699	ug/L	96
48) 2-Hexanone	8.072	43	400814	106.515	ug/L	97
49) Dibromochloromethane	8.175	129	188340	58.221	ug/L	98
50) 1,2-Dibromoethane	8.278	107	194839	55.408	ug/L	99
51) Chlorobenzene	8.812	112	483451	56.820	ug/L	99
52) Ethylbenzene	8.944	91	796501	54.744	ug/L	100
53) m,p-Xylene	9.069	106	293698	54.814	ug/L	99
54) o-Xylene	9.477	106	293256	55.316	ug/L	98
55) Styrene	9.493	104	510334	56.964	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	320820	60.624	ug/L	99
59) Bromoform	9.664	173	145437	64.740	ug/L	98
60) Isopropylbenzene	9.863	105	796400	56.354	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	240648	56.651	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	518281	56.469	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	643987	56.751	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	362788	54.933	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	389275	57.962	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	388841	59.103	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	64608	55.207	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	252085	52.962	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	234575	53.652	ug/L	100
71) Naphthalene	13.435	128	484437	39.937	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	223282	51.809	ug/L	99

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

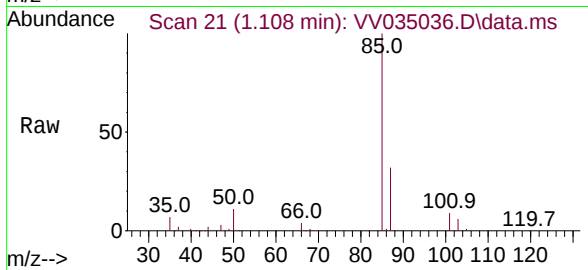
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
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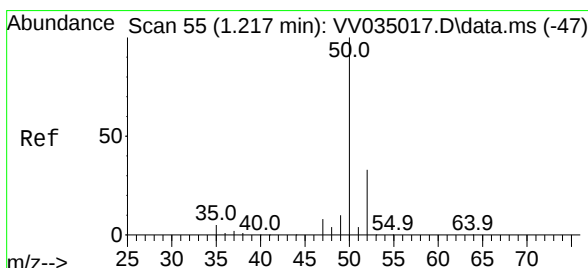
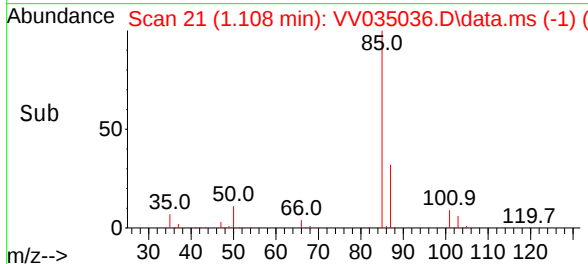
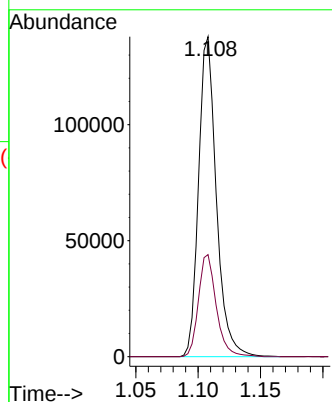


#2
 Dichlorodifluoromethane
 Concen: 47.917 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV035036.D
 Acq: 06 Apr 2024 04:14

Instrument :
 MSVOA_V
 ClientSampleId :

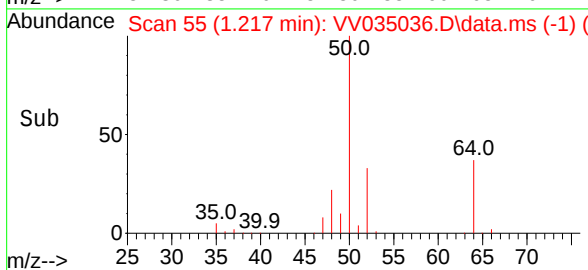
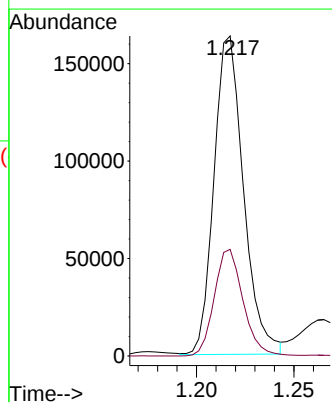
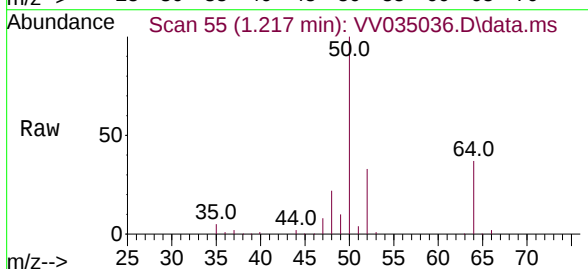


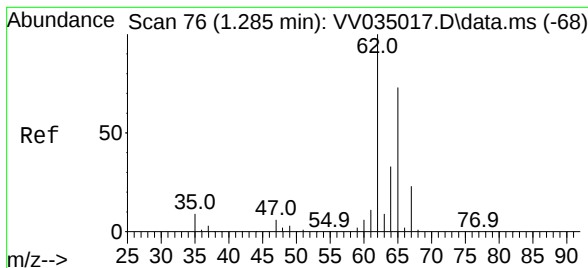
Tgt Ion: 85 Resp: 137081
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.7 38.5



#3
 Chloromethane
 Concen: 46.866 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV035036.D
 Acq: 06 Apr 2024 04:14

Tgt Ion: 50 Resp: 172366
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.0 42.8





#5

Vinyl chloride

Concen: 48.010 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

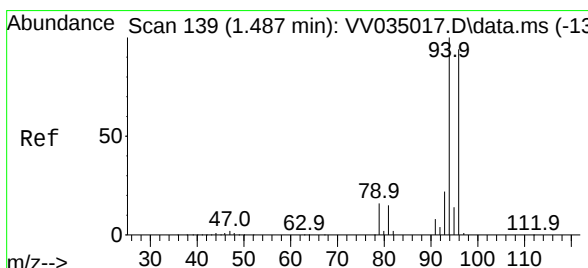
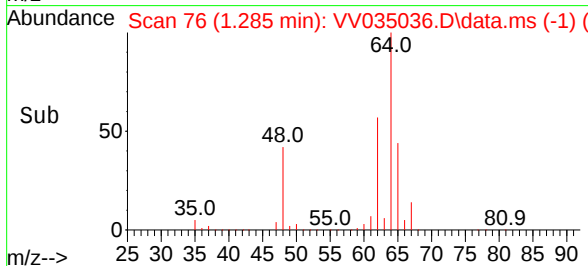
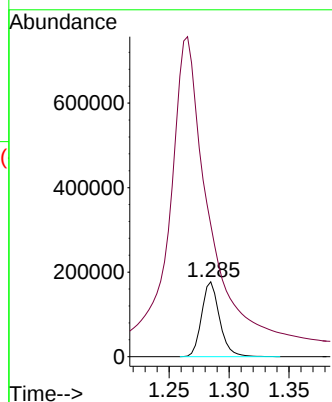
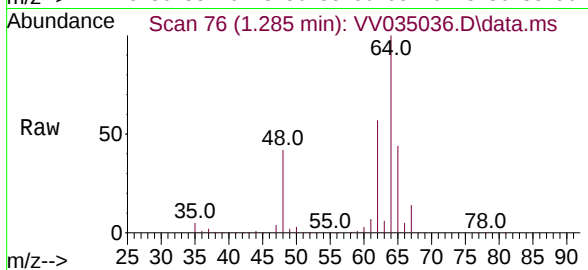
ClientSampleId :

Tgt Ion: 62 Resp: 185109

Ion Ratio Lower Upper

62 100

64 176.3 23.6 43.8#



#6

Bromomethane

Concen: 40.264 ug/L

RT: 1.490 min Scan# 140

Delta R.T. 0.003 min

Lab File: VV035036.D

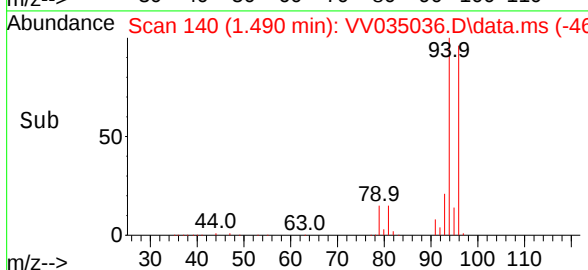
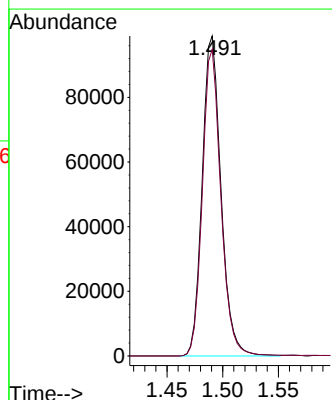
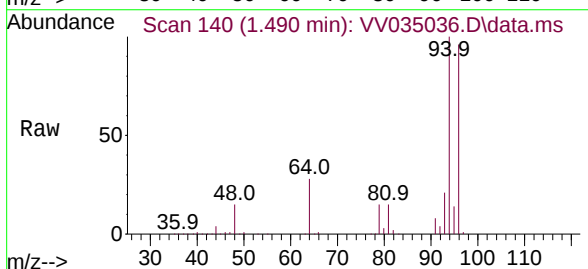
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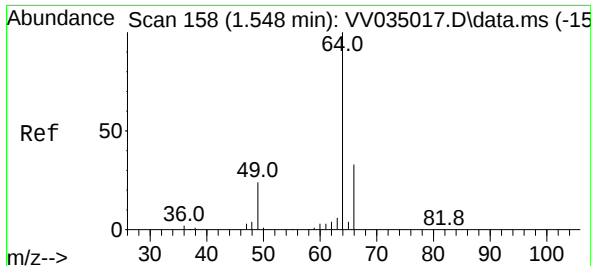
Tgt Ion: 94 Resp: 116367

Ion Ratio Lower Upper

94 100

96 95.8 66.3 123.1

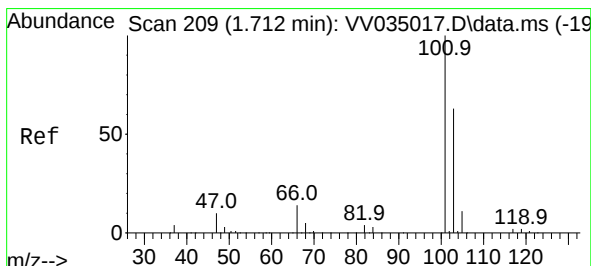
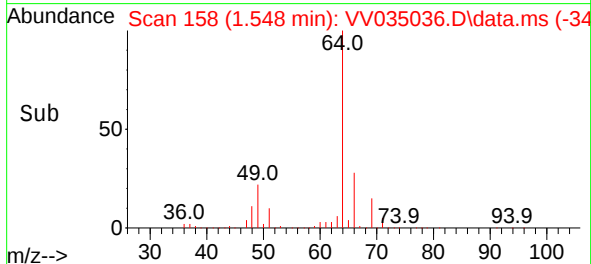
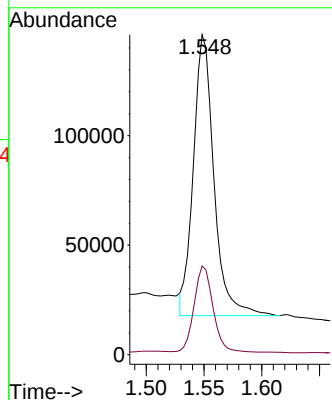
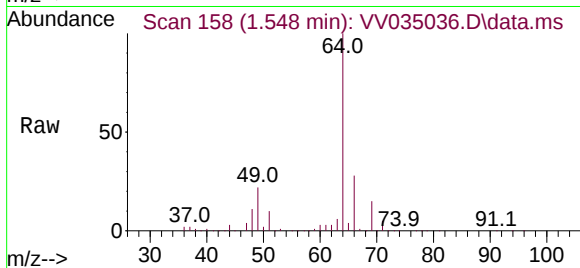




#8
Chloroethane
Concen: 60.435 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

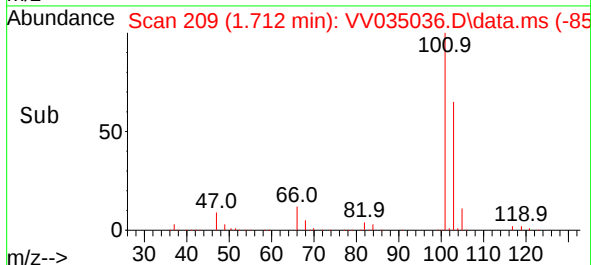
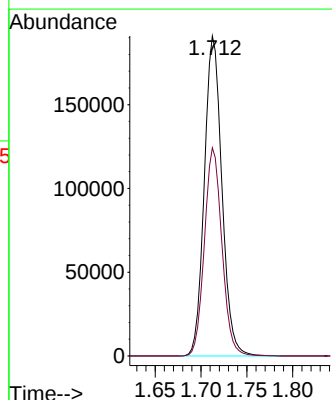
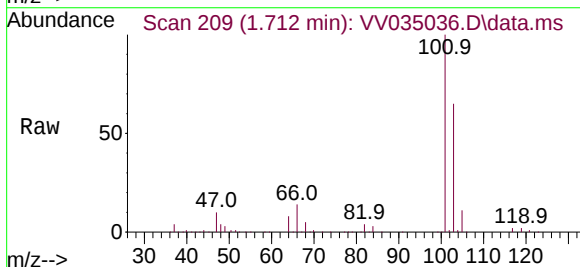
Instrument :
MSVOA_V
ClientSampleId :

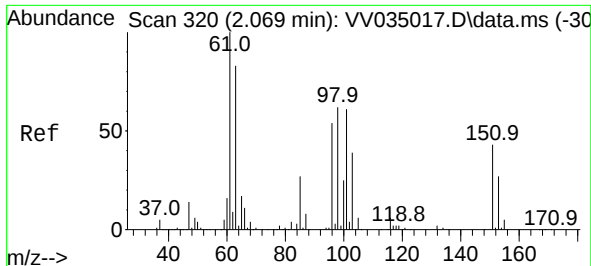
Tgt Ion: 64 Resp: 159142
Ion Ratio Lower Upper
64 100
66 27.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 50.320 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

Tgt Ion:101 Resp: 254643
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4





#10

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

Concen: 50.636 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

ClientSampleId :

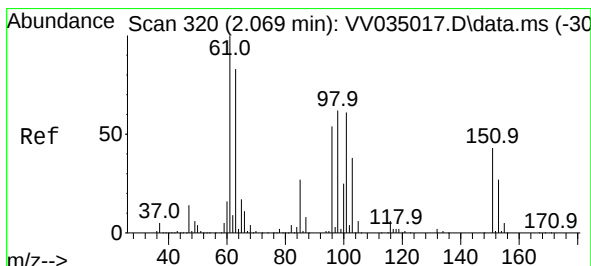
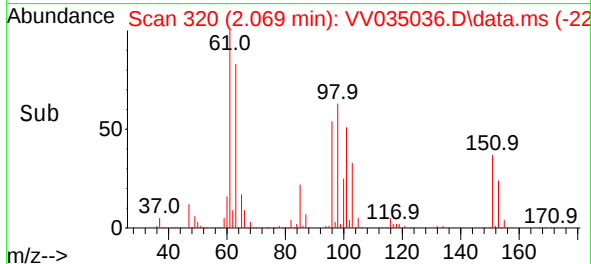
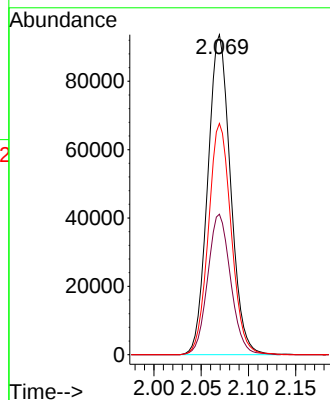
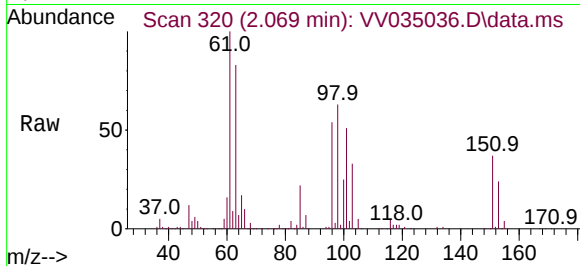
Tgt Ion:101 Resp: 156838

Ion Ratio Lower Upper

101 100

85 44.2 35.3 52.9

151 72.4 55.0 82.4



#12

1,1-Dichloroethene

Concen: 48.952 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

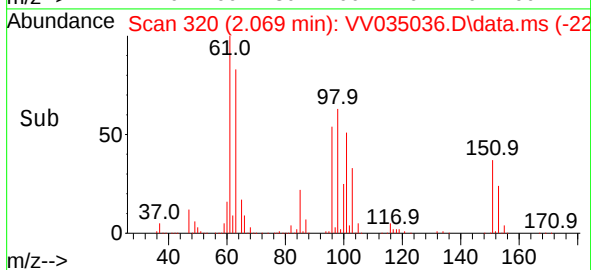
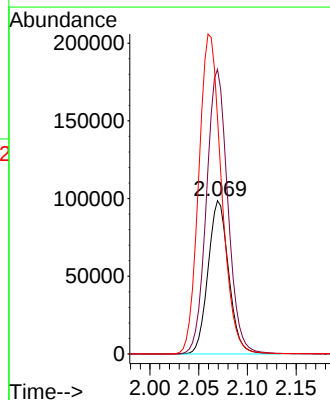
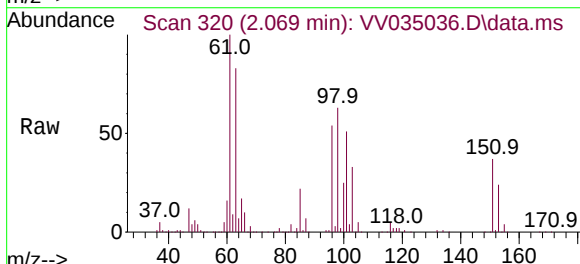
Tgt Ion: 96 Resp: 145015

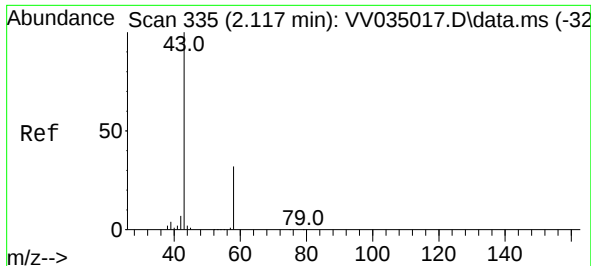
Ion Ratio Lower Upper

96 100

61 185.7 131.5 244.3

63 154.1 111.4 206.8





#13

Acetone

Concen: 81.331 ug/L

RT: 2.124 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

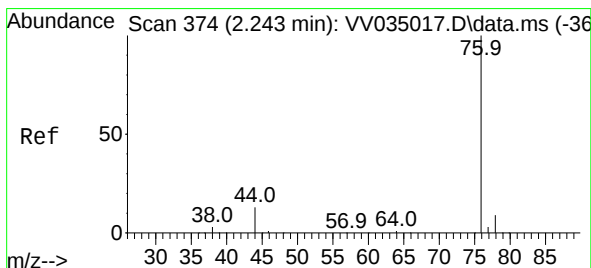
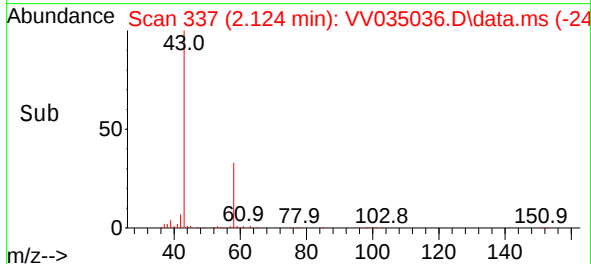
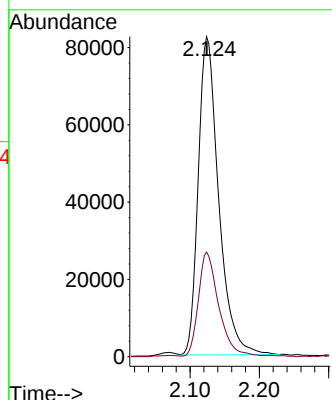
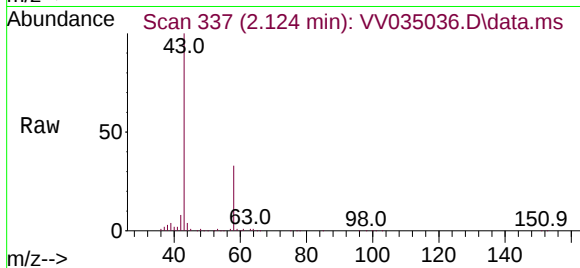
ClientSampleId :

Tgt Ion: 43 Resp: 168812

Ion Ratio Lower Upper

43 100

58 32.2 0.0 66.0



#14

Carbon disulfide

Concen: 46.322 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV035036.D

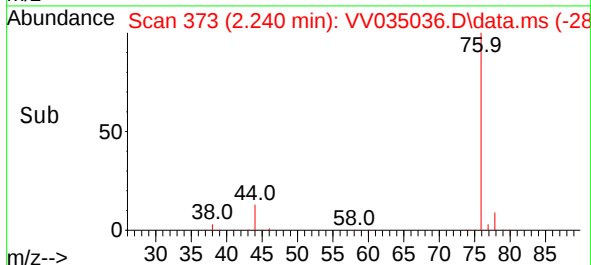
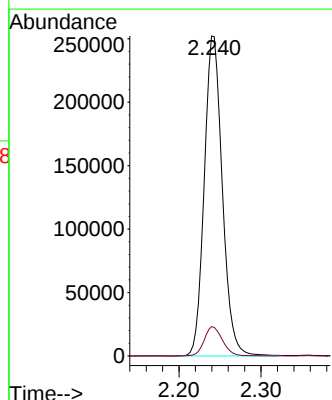
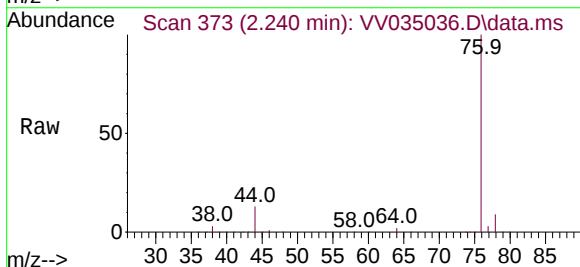
Acq: 06 Apr 2024 04:14

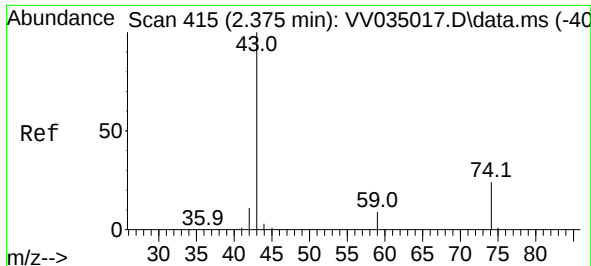
Tgt Ion: 76 Resp: 386431

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 48.036 ug/L

RT: 2.375 min Scan# 415

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

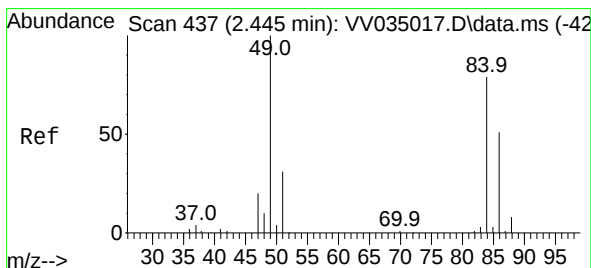
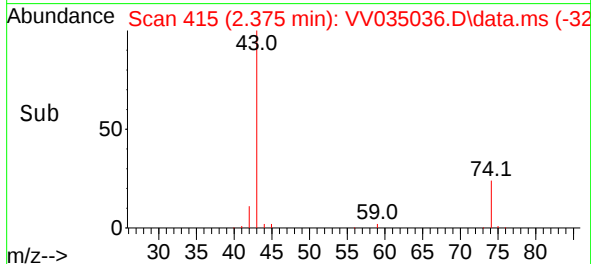
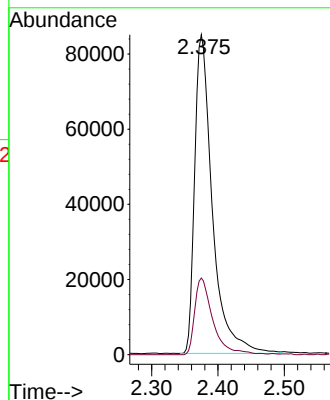
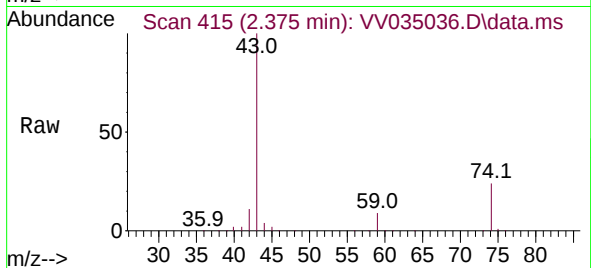
ClientSampleId :

Tgt Ion: 43 Resp: 157120

Ion Ratio Lower Upper

43 100

74 24.4 19.8 29.8



#16

Methylene chloride

Concen: 54.151 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

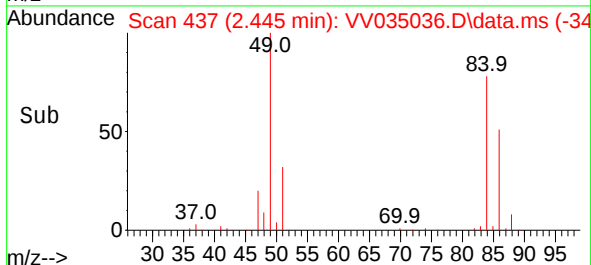
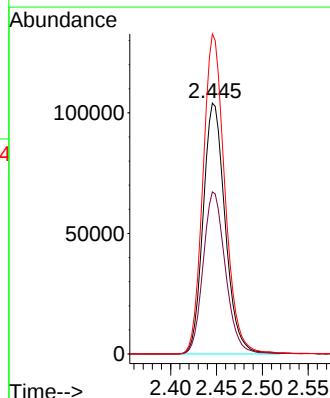
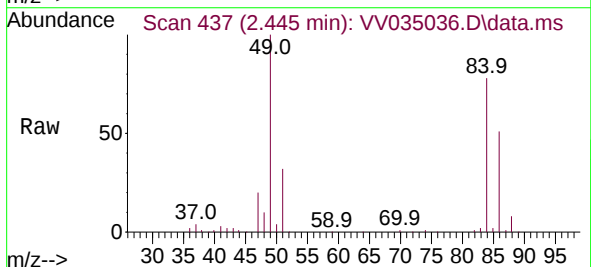
Tgt Ion: 84 Resp: 173817

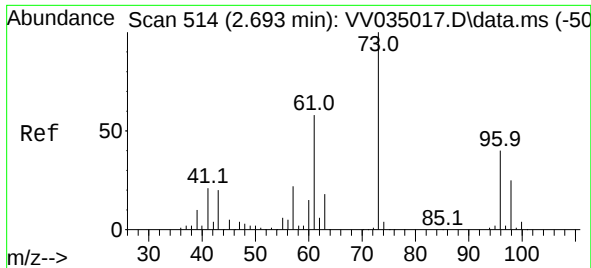
Ion Ratio Lower Upper

84 100

86 64.6 44.6 82.8

49 127.6 86.9 161.3

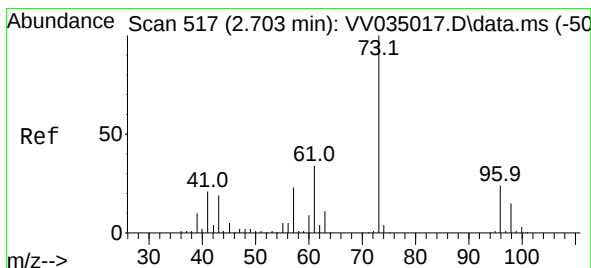
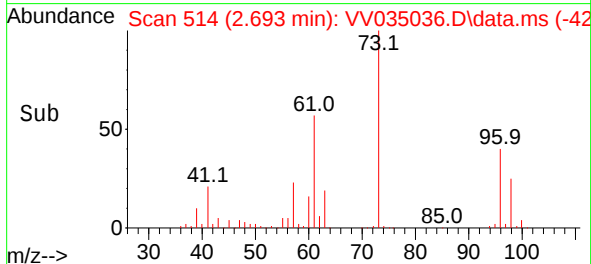
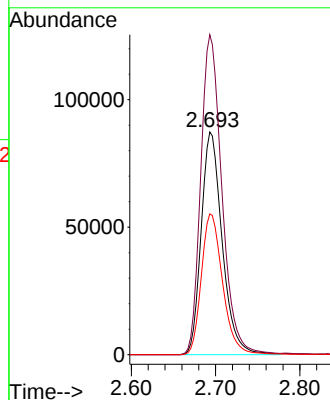
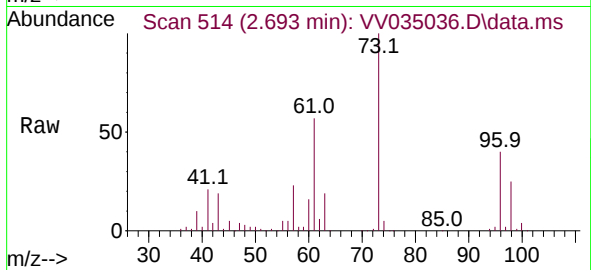




#17
trans-1,2-Dichloroethene
Concen: 53.008 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

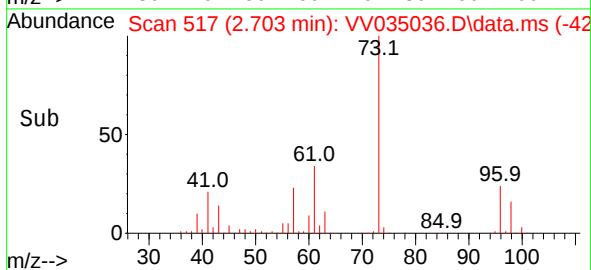
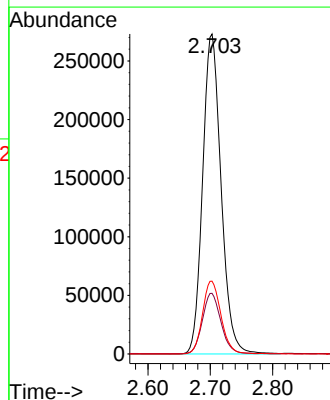
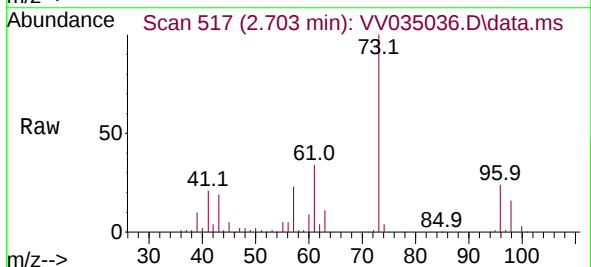
Instrument :
MSVOA_V
ClientSampleId :

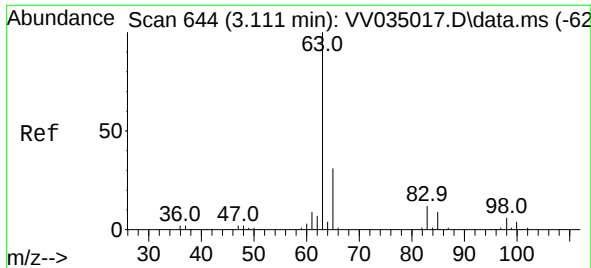
Tgt Ion: 96 Resp: 151819
Ion Ratio Lower Upper
96 100
61 143.6 99.0 183.8
98 63.2 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 55.883 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

Tgt Ion: 73 Resp: 562176
Ion Ratio Lower Upper
73 100
43 18.9 14.6 21.8
57 22.7 17.6 26.4

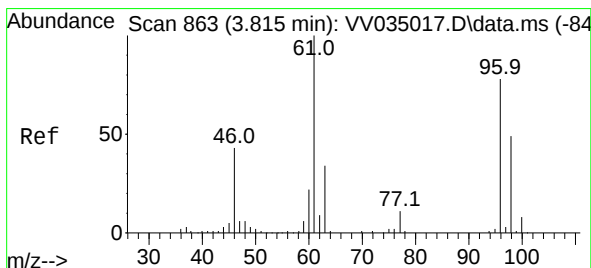
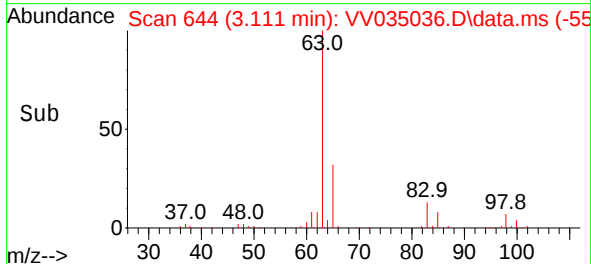
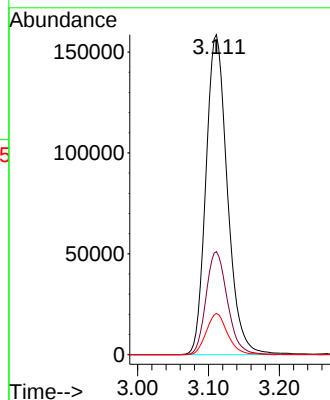
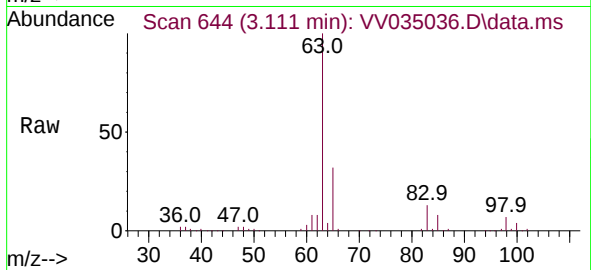




#19
1,1-Dichloroethane
Concen: 56.845 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

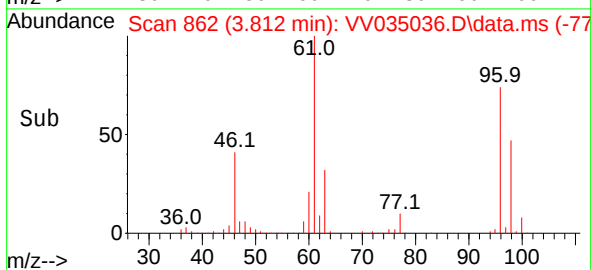
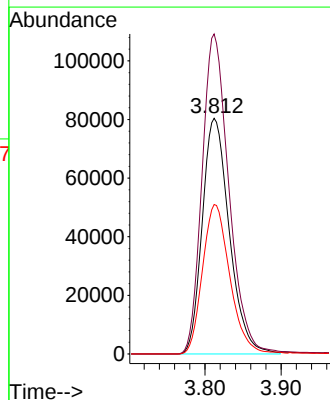
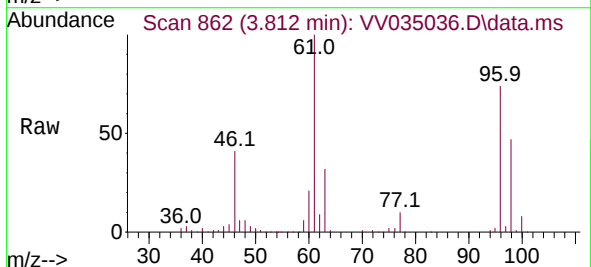
Instrument :
MSVOA_V
ClientSampleId :

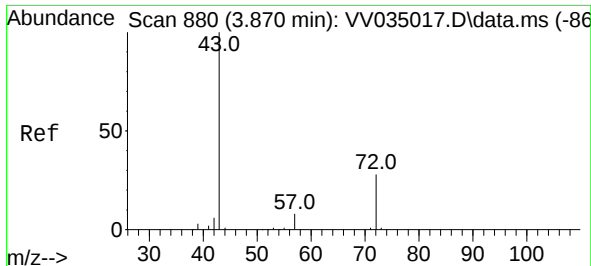
Tgt Ion: 63 Resp: 333867
Ion Ratio Lower Upper
63 100
65 32.2 23.0 42.6
83 12.9 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 61.165 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.003 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

Tgt Ion: 96 Resp: 198926
Ion Ratio Lower Upper
96 100
61 135.8 94.9 176.3
98 63.4 45.6 84.8





#22

2-Butanone

Concen: 99.732 ug/L

RT: 3.870 min Scan# 880

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

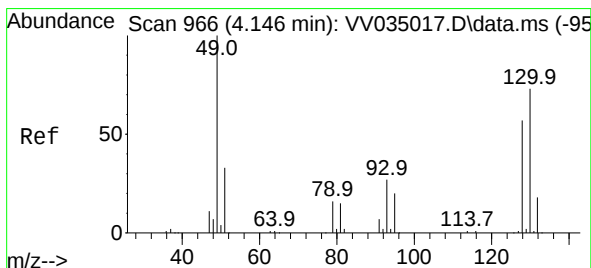
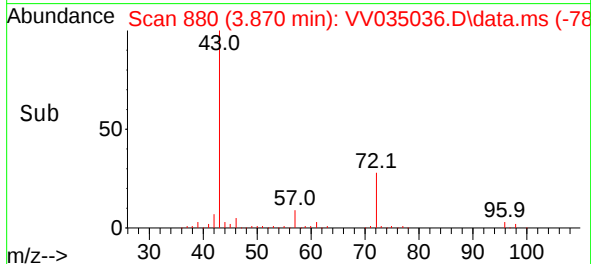
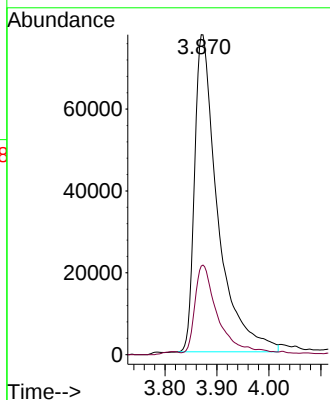
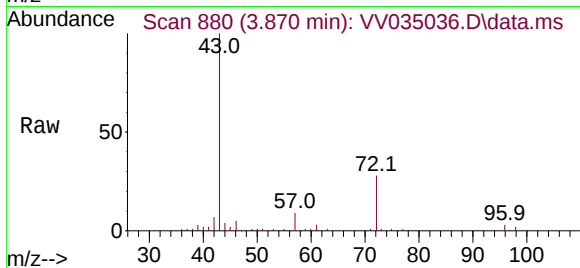
ClientSampleId :

Tgt Ion: 43 Resp: 240208

Ion Ratio Lower Upper

43 100

72 25.3 13.2 39.6



#23

Bromochloromethane

Concen: 55.982 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Tgt Ion: 128 Resp: 91094

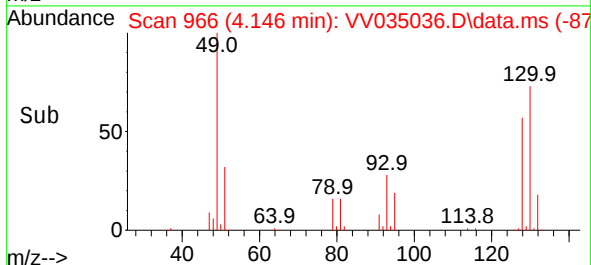
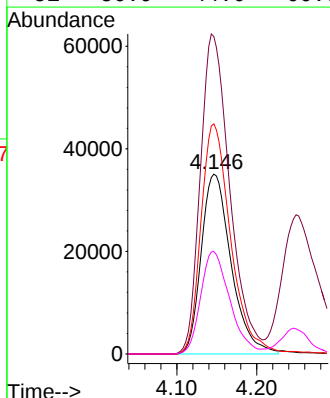
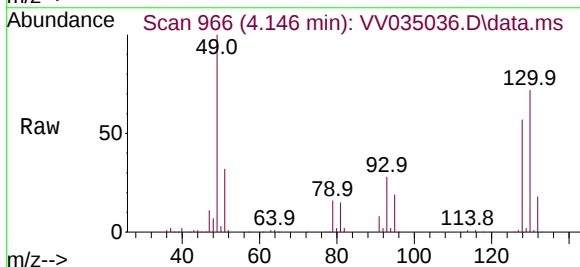
Ion Ratio Lower Upper

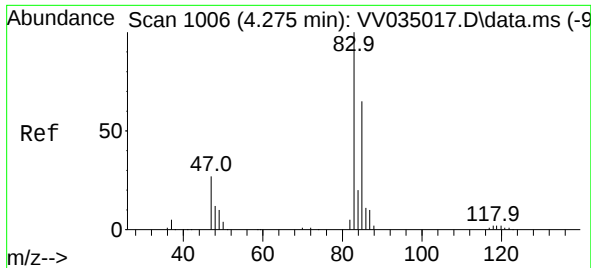
128 100

49 176.6 123.8 229.8

130 128.0 93.2 173.0

51 56.9 44.0 66.0





#25

Chloroform

Concen: 56.523 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

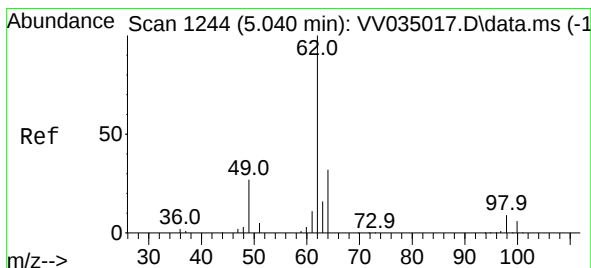
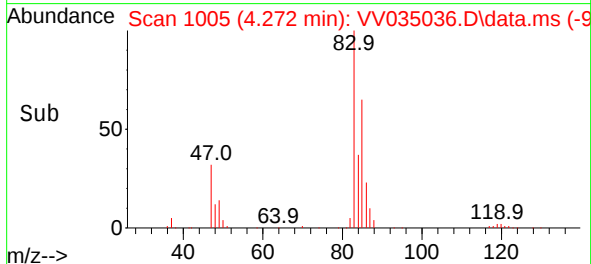
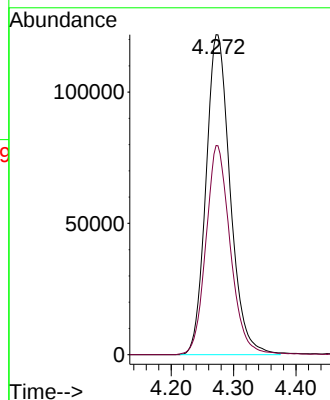
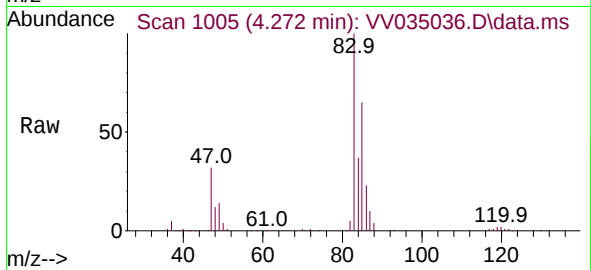
ClientSampleId :

Tgt Ion: 83 Resp: 328221

Ion Ratio Lower Upper

83 100

85 65.4 46.0 85.4



#27

1,2-Dichloroethane

Concen: 55.522 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VV035036.D

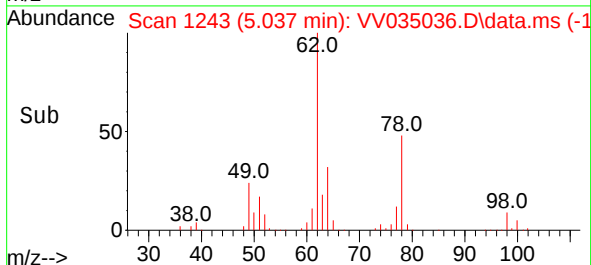
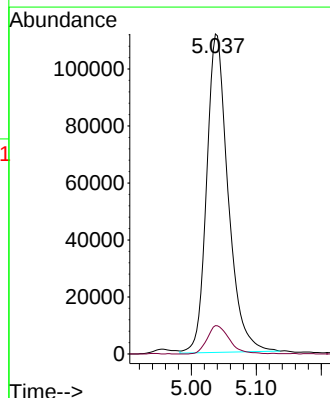
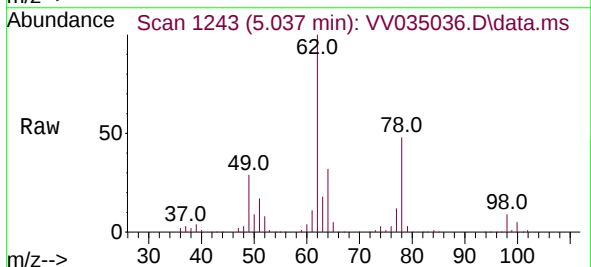
Acq: 06 Apr 2024 04:14

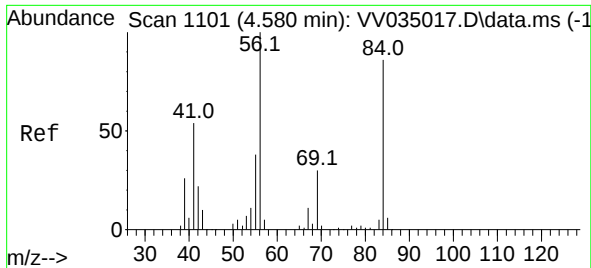
Tgt Ion: 62 Resp: 256698

Ion Ratio Lower Upper

62 100

98 8.9 7.2 10.8





#29

Cyclohexane

Concen: 52.808 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

ClientSampleId :

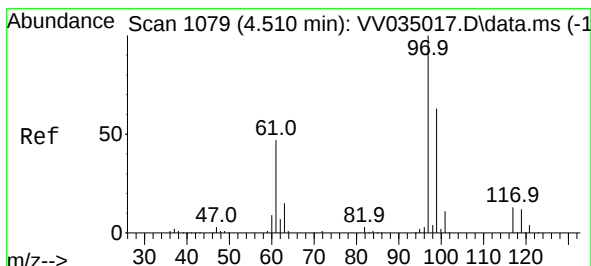
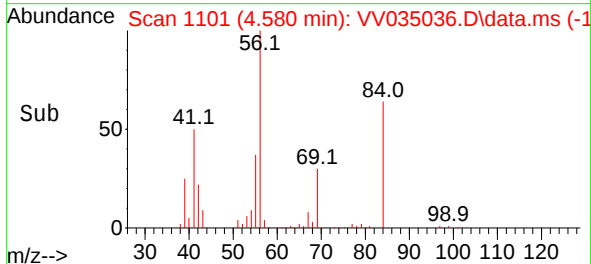
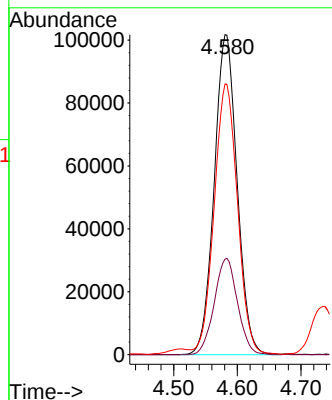
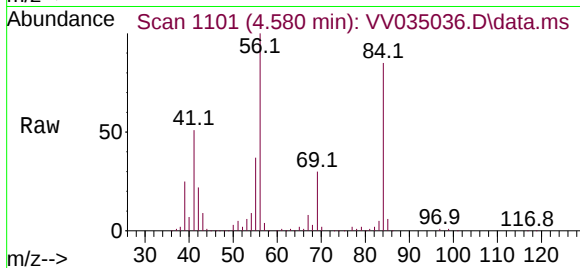
Tgt Ion: 56 Resp: 254340

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 86.2 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 54.840 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

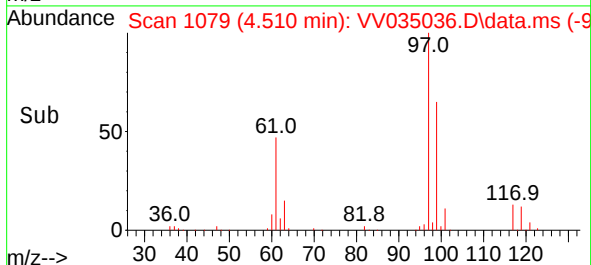
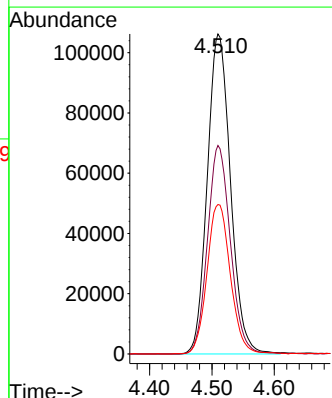
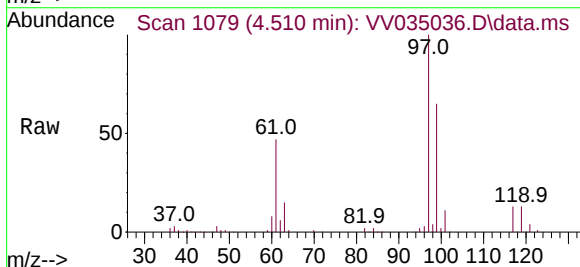
Tgt Ion: 97 Resp: 274886

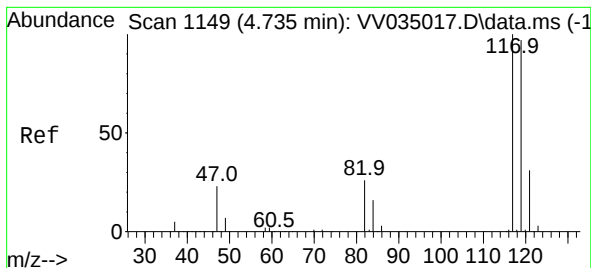
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 46.8 36.8 55.2





#31

Carbon tetrachloride

Concen: 55.418 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

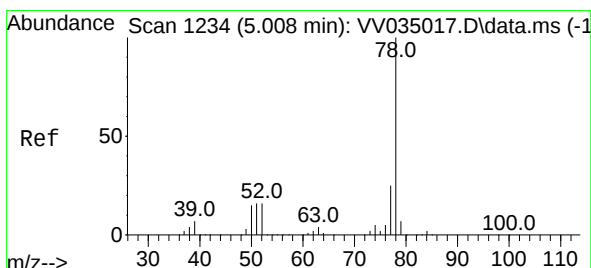
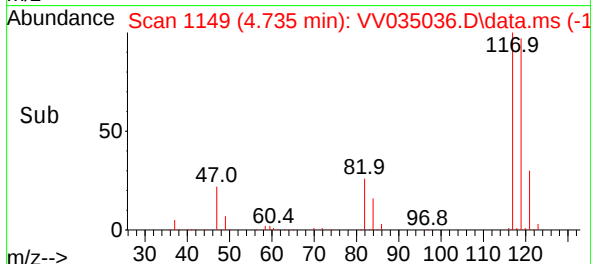
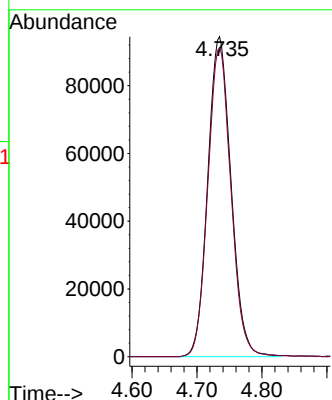
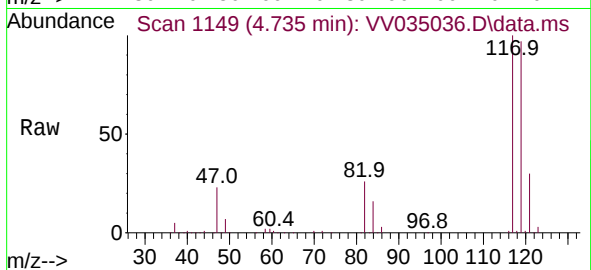
ClientSampleId :

Tgt Ion:117 Resp: 235445

Ion Ratio Lower Upper

117 100

119 95.6 77.1 115.7



#33

Benzene

Concen: 54.315 ug/L

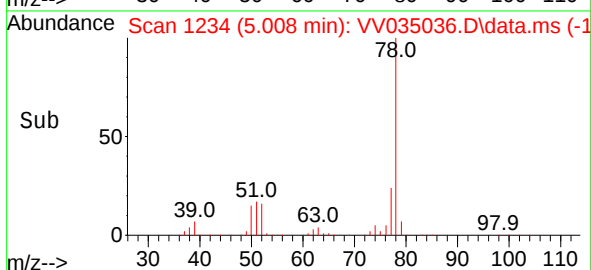
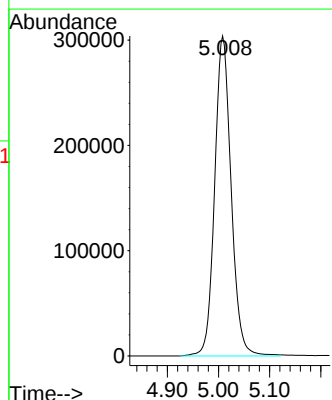
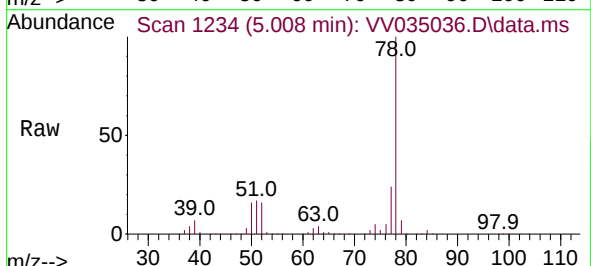
RT: 5.008 min Scan# 1234

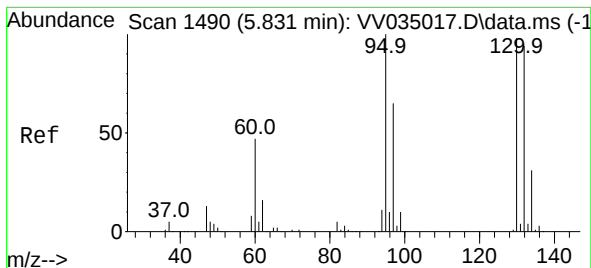
Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Tgt Ion: 78 Resp: 681077





#34

Trichloroethene

Concen: 50.620 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 171303

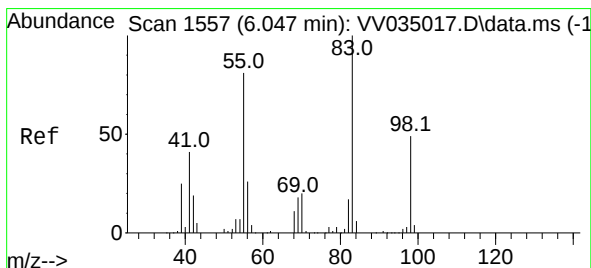
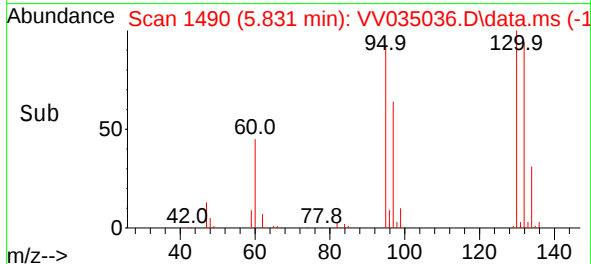
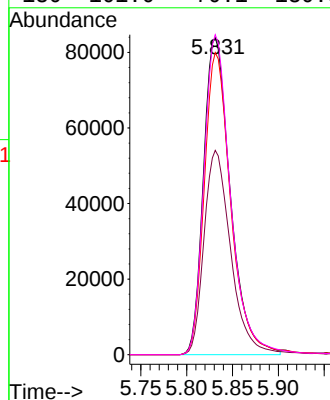
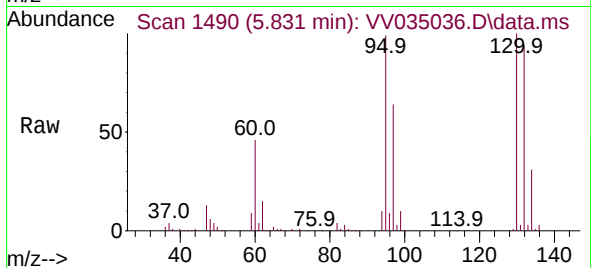
Ion Ratio Lower Upper

95 100

97 64.5 45.3 84.1

132 95.3 65.3 121.3

130 101.0 70.1 130.3



#35

Methylcyclohexane

Concen: 51.349 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

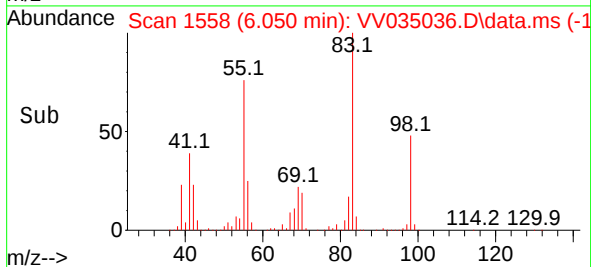
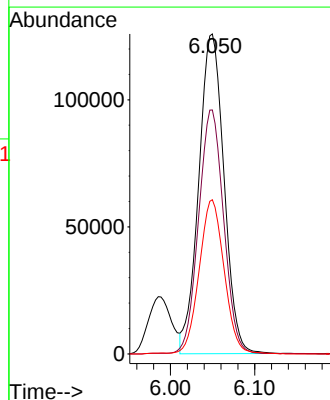
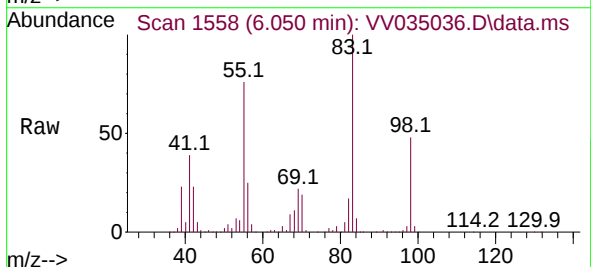
Tgt Ion: 83 Resp: 262436

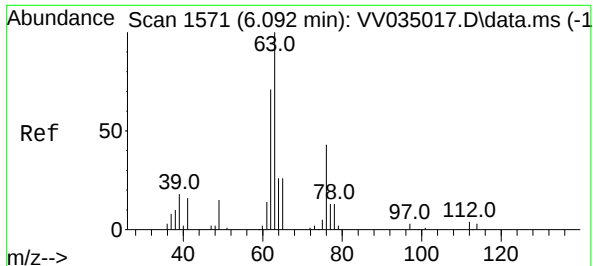
Ion Ratio Lower Upper

83 100

55 75.7 60.0 90.0

98 47.7 37.6 56.4

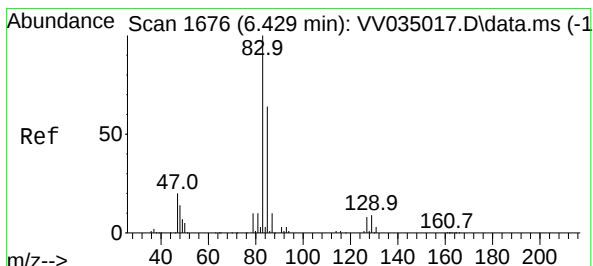
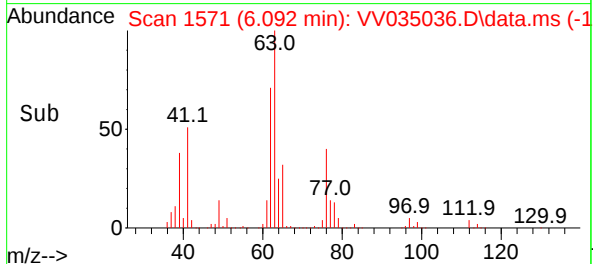
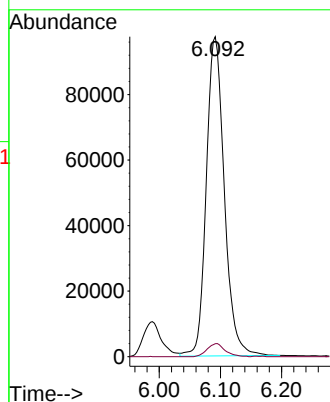
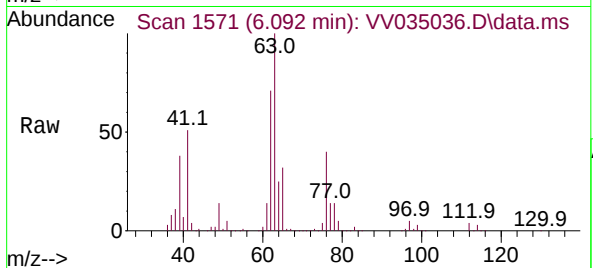




#37
1,2-Dichloropropane
Concen: 57.573 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

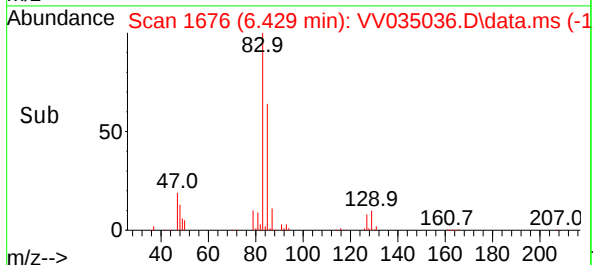
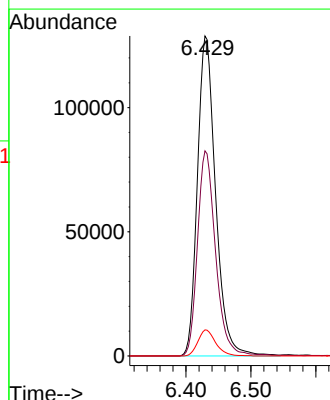
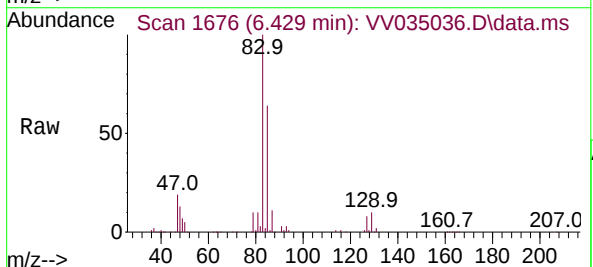
Instrument :
MSVOA_V
ClientSampleId :

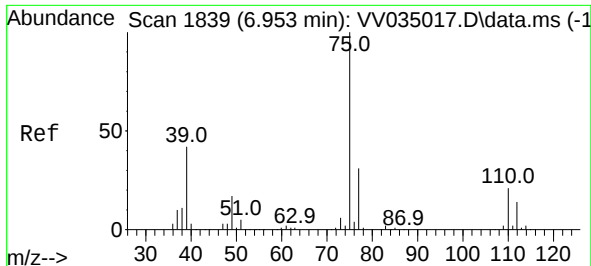
Tgt Ion: 63 Resp: 199508
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 56.248 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

Tgt Ion: 83 Resp: 251489
Ion Ratio Lower Upper
83 100
85 64.1 43.7 81.1
127 8.1 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 54.180 ug/L

RT: 6.950 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

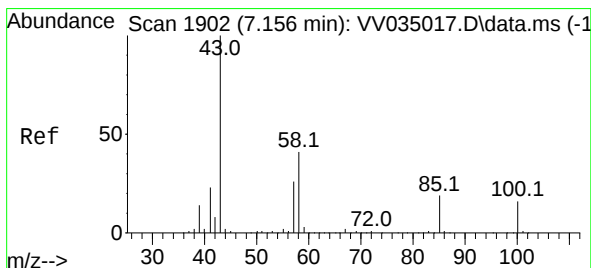
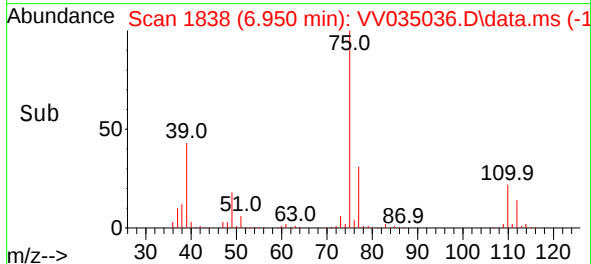
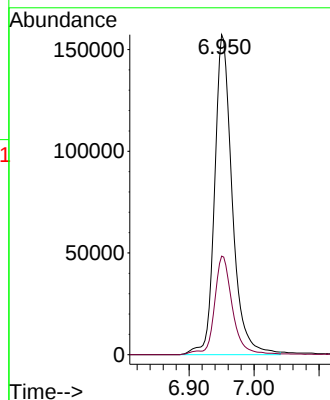
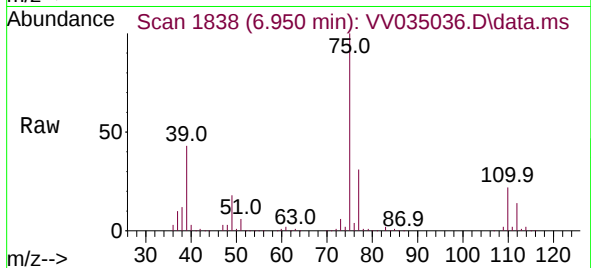
ClientSampleId :

Tgt Ion: 75 Resp: 295768

Ion Ratio Lower Upper

75 100

77 30.8 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 113.618 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

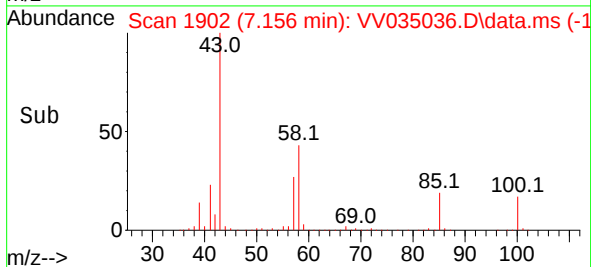
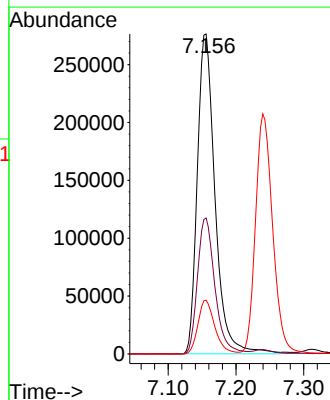
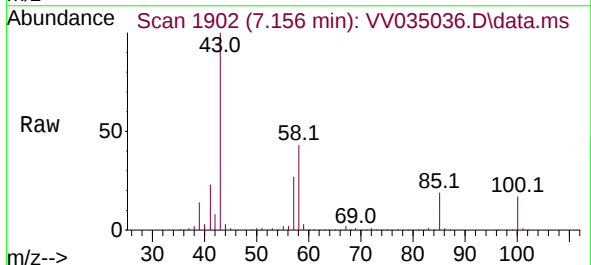
Tgt Ion: 43 Resp: 502690

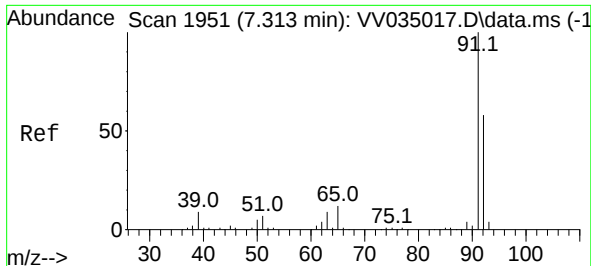
Ion Ratio Lower Upper

43 100

58 41.8 33.8 50.8

100 16.0 13.0 19.4





#42

Toluene

Concen: 55.205 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

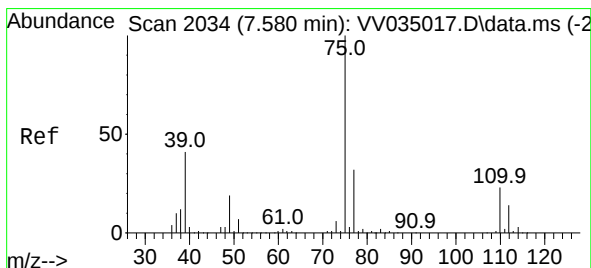
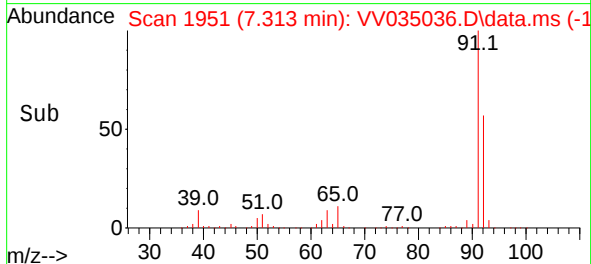
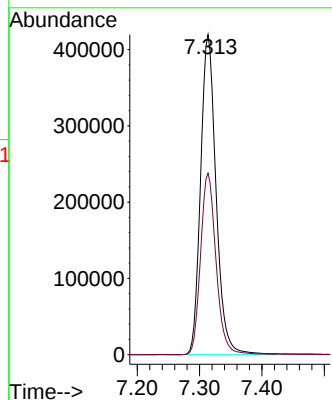
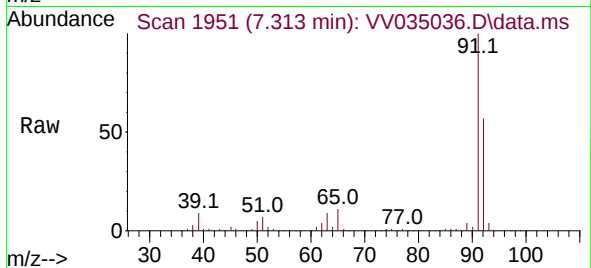
ClientSampleId :

Tgt Ion: 91 Resp: 724733

Ion Ratio Lower Upper

91 100

92 56.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 54.965 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV035036.D

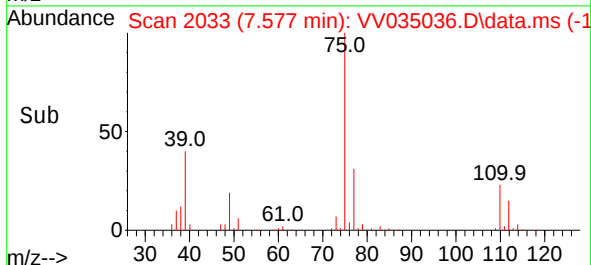
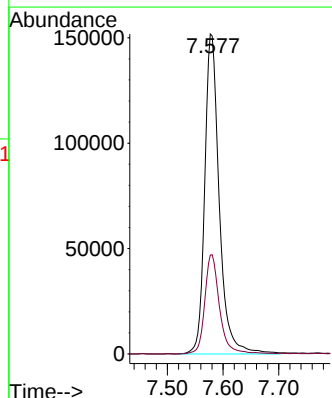
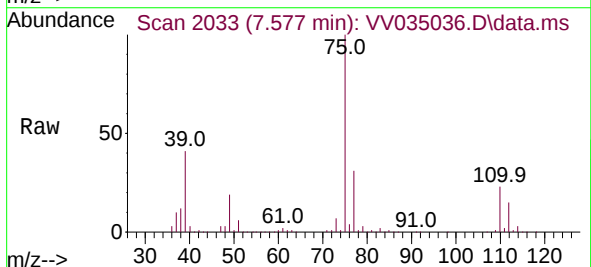
Acq: 06 Apr 2024 04:14

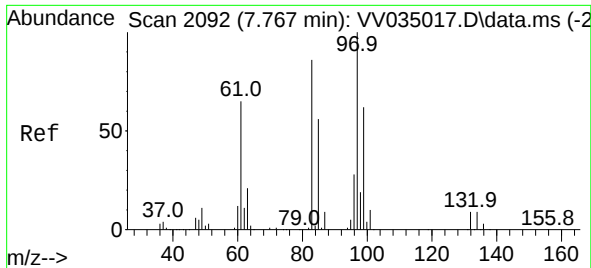
Tgt Ion: 75 Resp: 275663

Ion Ratio Lower Upper

75 100

77 30.9 21.7 40.3

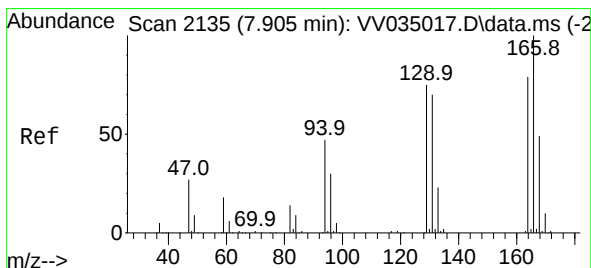
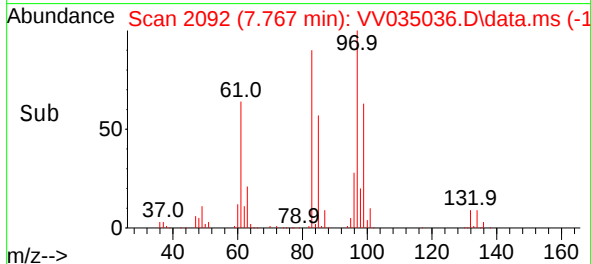
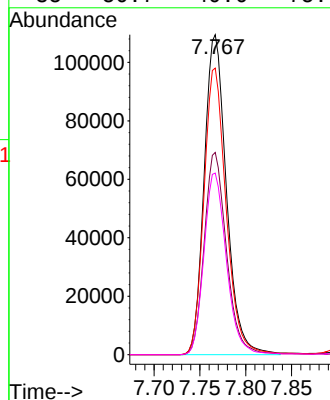
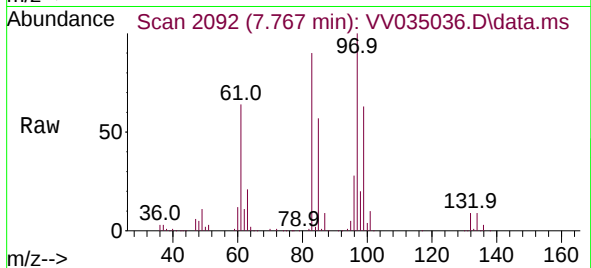




#45
1,1,2-Trichloroethane
Concen: 56.638 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

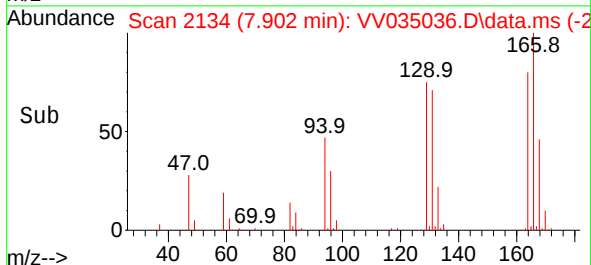
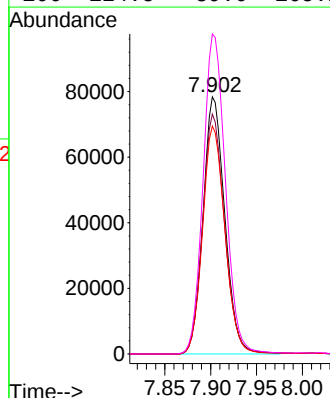
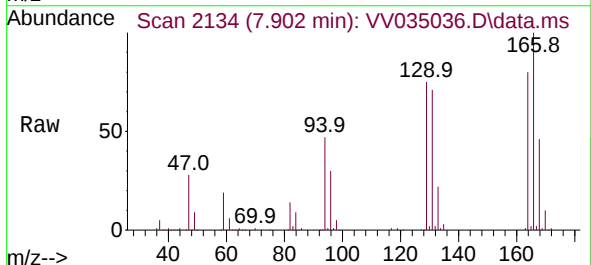
Instrument :
MSVOA_V
ClientSampleId :

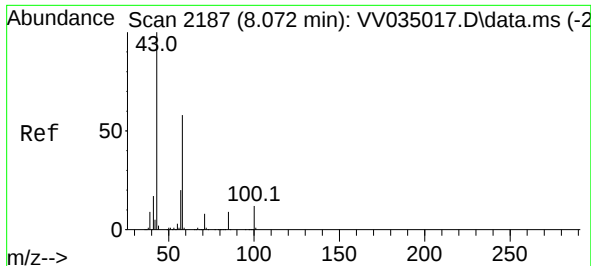
Tgt Ion:	97	Resp:	184991
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.3	80.3
83	89.6	61.6	114.4
85	56.7	40.6	75.4



#46
Tetrachloroethene
Concen: 54.699 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

Tgt Ion:	164	Resp:	129322
Ion	Ratio	Lower	Upper
164	100		
129	93.3	68.6	127.4
131	88.6	65.7	122.1
166	124.5	89.0	165.2





#48

2-Hexanone

Concen: 106.515 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

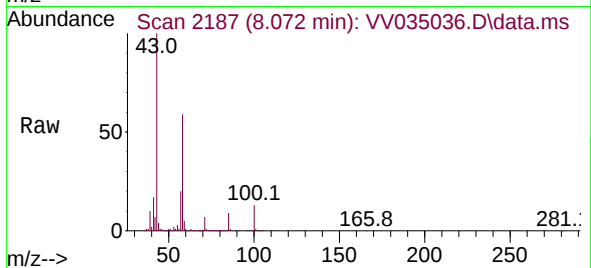
Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 400814

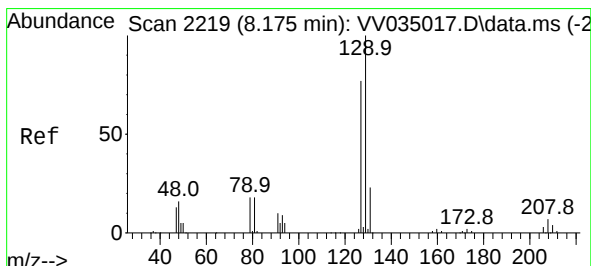
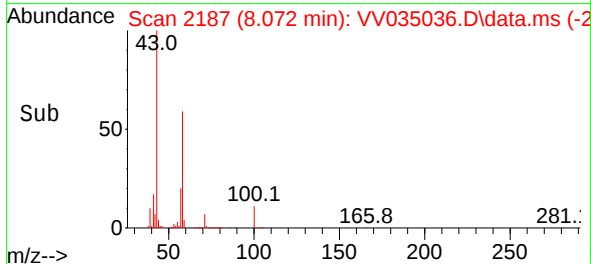
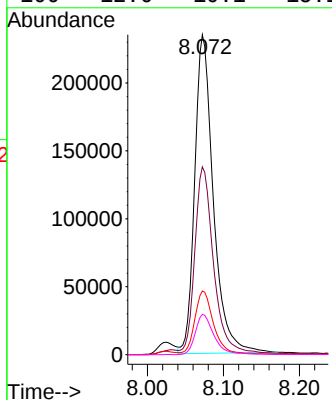
Ion Ratio Lower Upper

43 100

58 59.4 45.4 68.2

57 19.2 16.2 24.4

100 12.6 10.1 15.1



#49

Dibromochloromethane

Concen: 58.221 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV035036.D

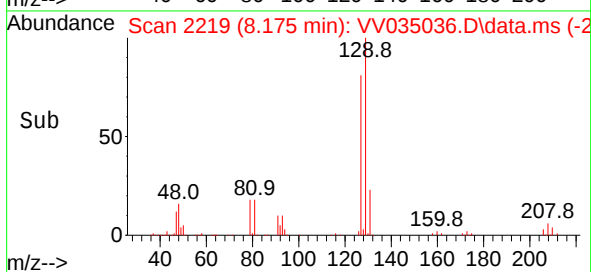
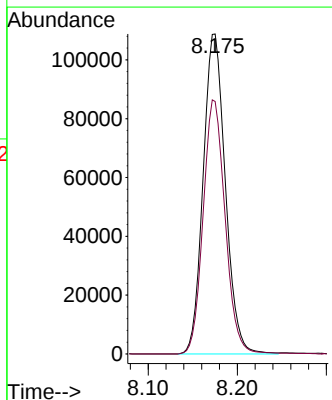
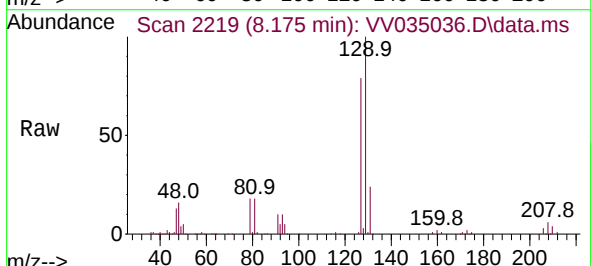
Acq: 06 Apr 2024 04:14

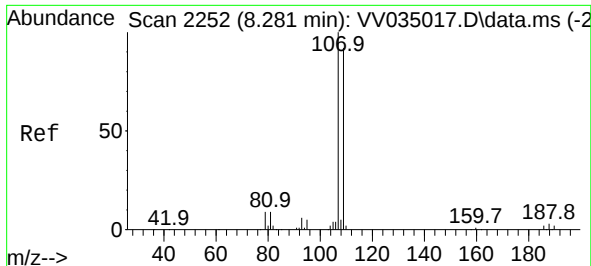
Tgt Ion:129 Resp: 188340

Ion Ratio Lower Upper

129 100

127 78.9 54.1 100.5

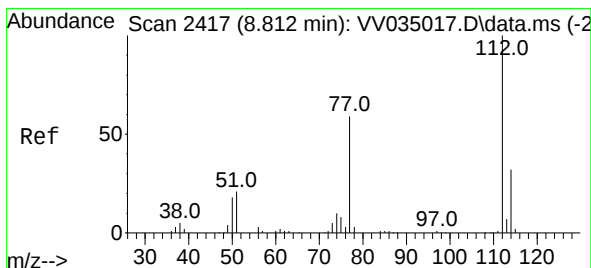
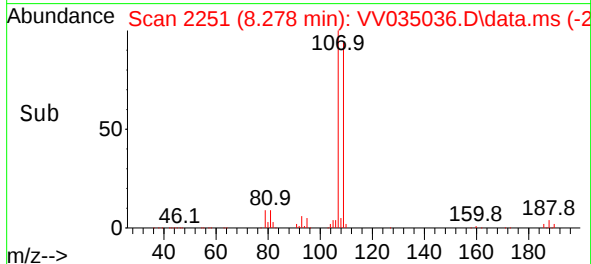
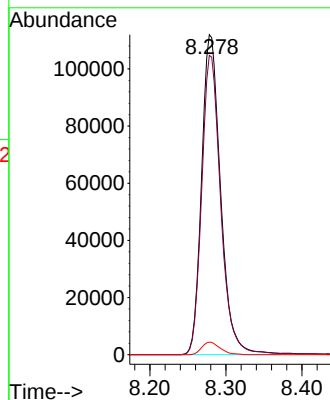
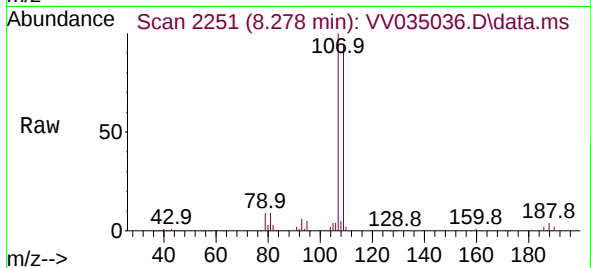




#50
1,2-Dibromoethane
Concen: 55.408 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

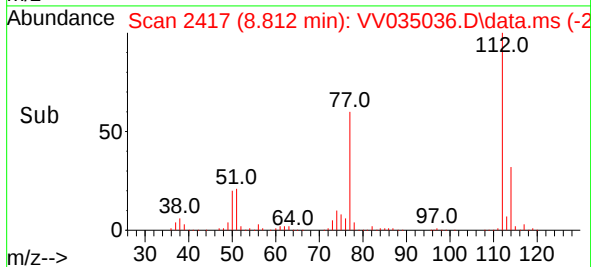
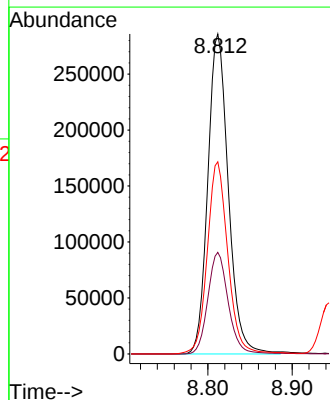
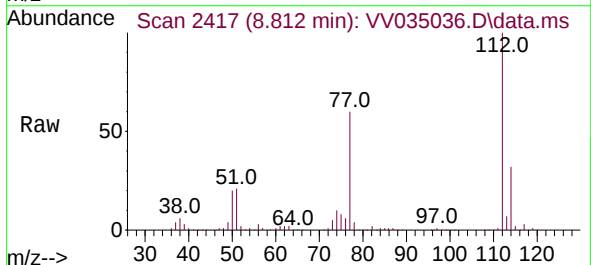
Instrument :
MSVOA_V
ClientSampleId :

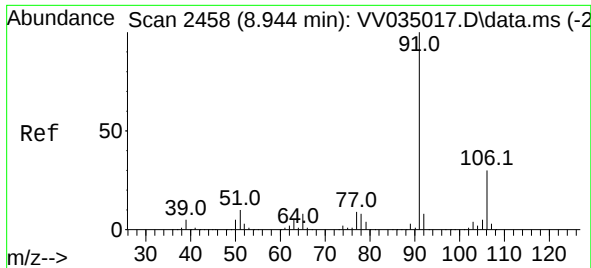
Tgt Ion:107 Resp: 194839
Ion Ratio Lower Upper
107 100
109 93.6 64.5 119.9
188 3.9 2.8 4.2



#51
Chlorobenzene
Concen: 56.820 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

Tgt Ion:112 Resp: 483451
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 60.1 47.4 71.2

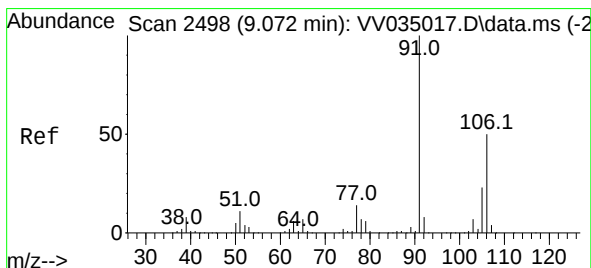
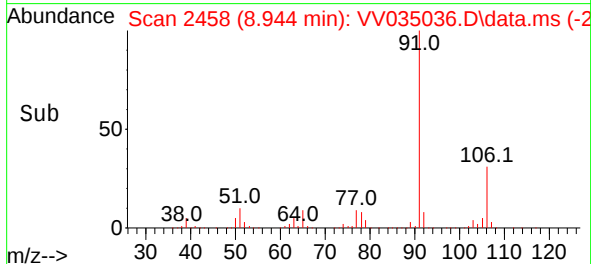
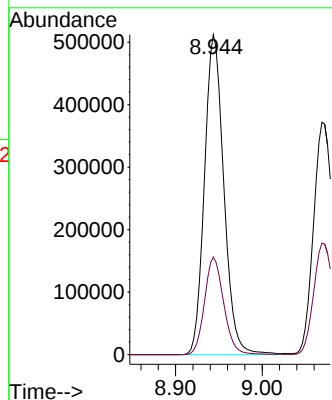
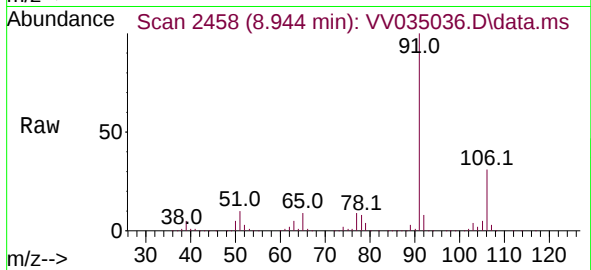




#52
Ethylbenzene
Concen: 54.744 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

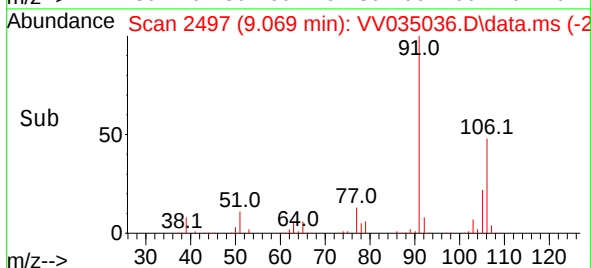
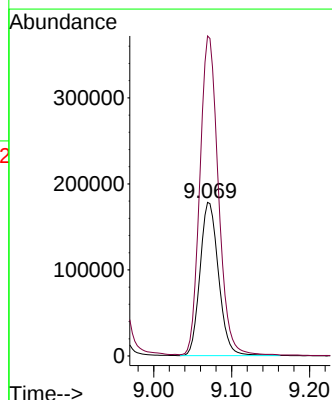
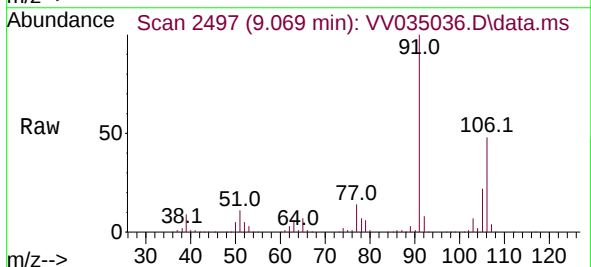
Instrument :
MSVOA_V
ClientSampleId :

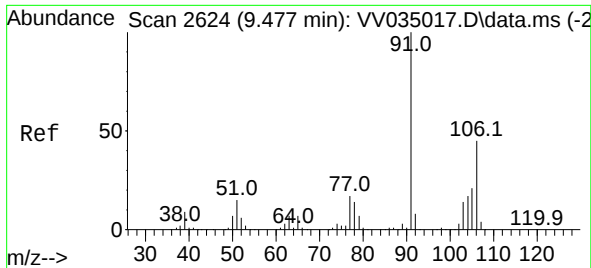
Tgt Ion: 91 Resp: 796501
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 54.814 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.003 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

Tgt Ion:106 Resp: 293698
Ion Ratio Lower Upper
106 100
91 208.4 144.8 269.0

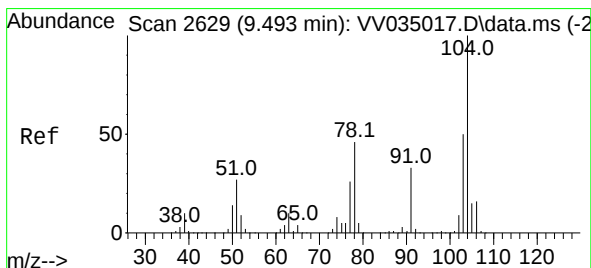
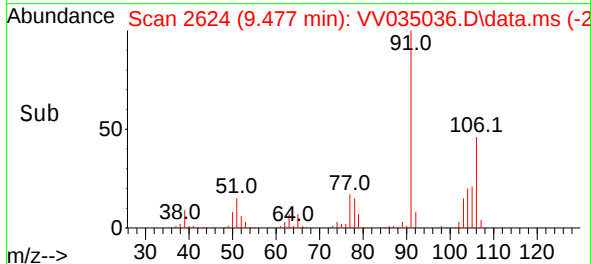
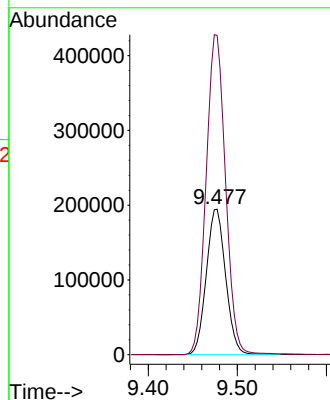
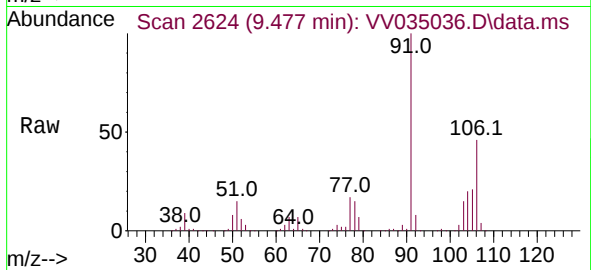




#54
o-Xylene
Concen: 55.316 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

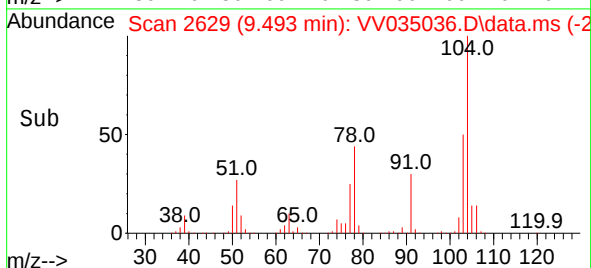
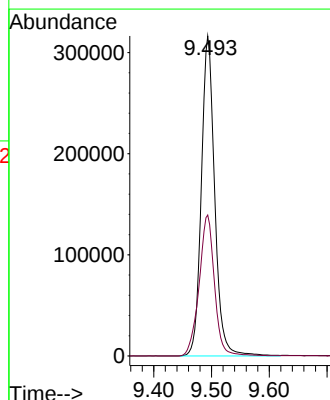
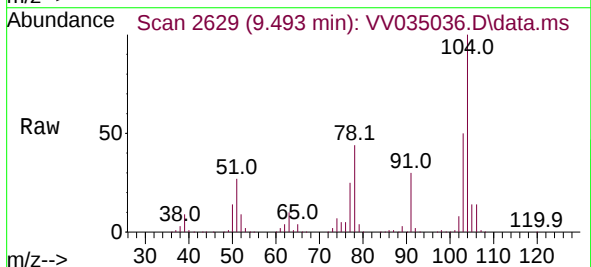
Instrument :
MSVOA_V
ClientSampleId :

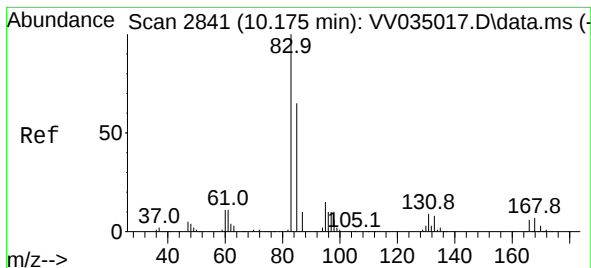
Tgt Ion:106 Resp: 293256
Ion Ratio Lower Upper
106 100
91 219.6 151.3 280.9



#55
Styrene
Concen: 56.964 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

Tgt Ion:104 Resp: 510334
Ion Ratio Lower Upper
104 100
78 44.1 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 60.624 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

ClientSampleId :

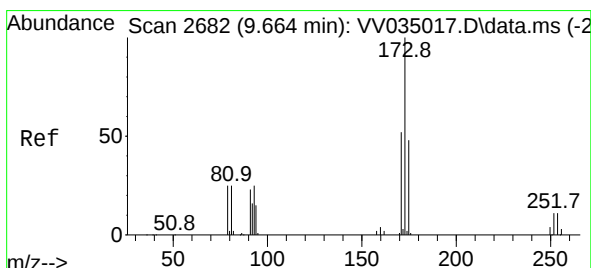
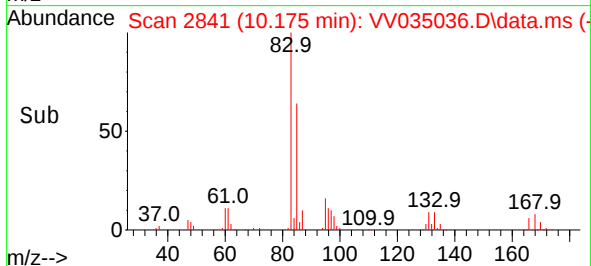
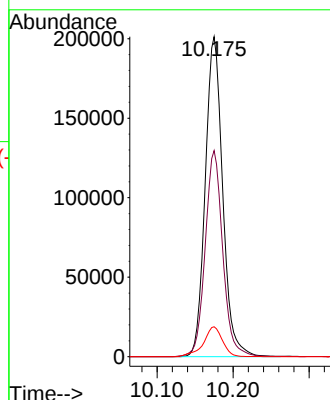
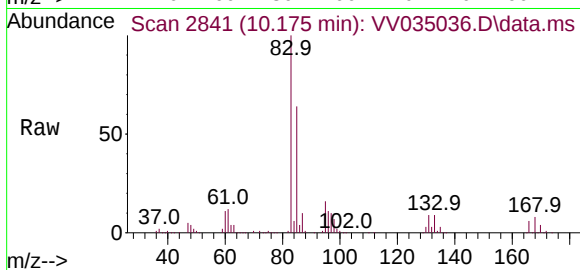
Tgt Ion: 83 Resp: 320820

Ion Ratio Lower Upper

83 100

85 64.4 44.5 82.7

131 9.3 6.9 10.3



#59

Bromoform

Concen: 64.740 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

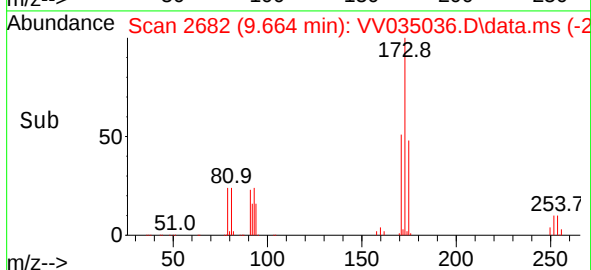
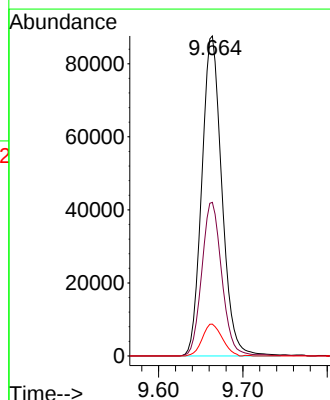
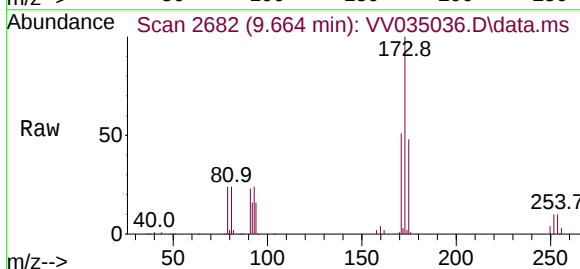
Tgt Ion: 173 Resp: 145437

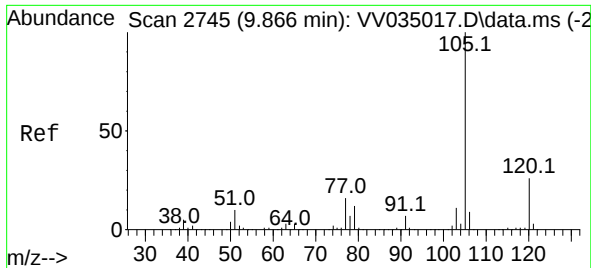
Ion Ratio Lower Upper

173 100

175 47.8 39.3 58.9

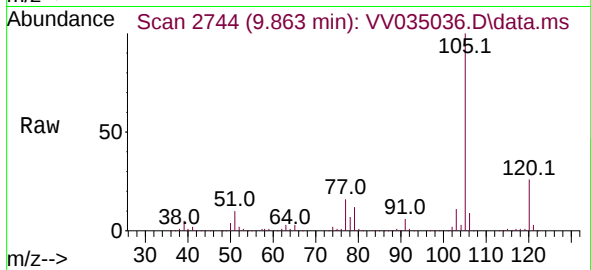
254 9.9 7.5 11.3



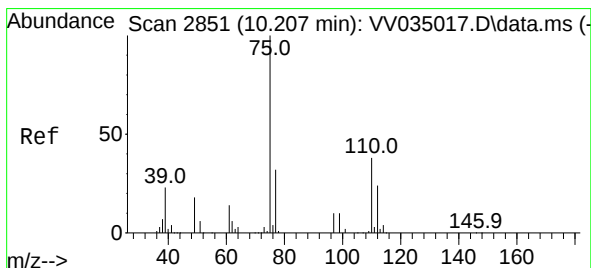
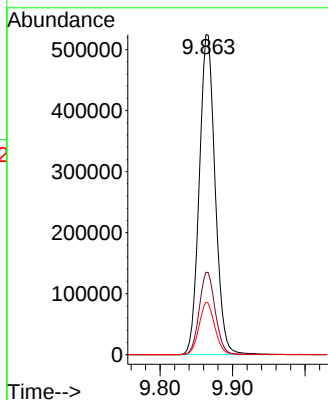
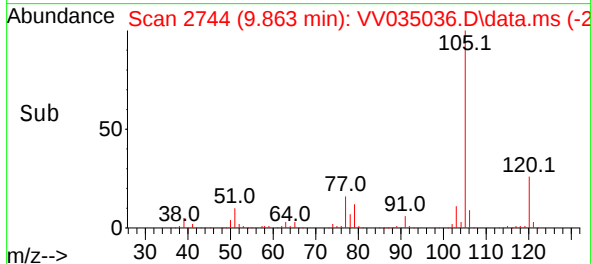


#60
Isopropylbenzene
Concen: 56.354 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

Instrument :
MSVOA_V
ClientSampleId :

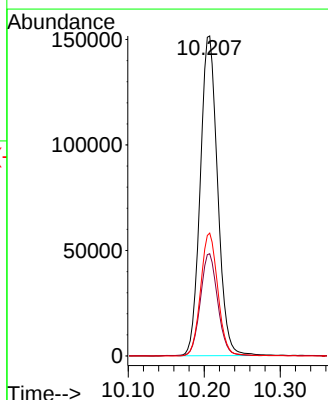
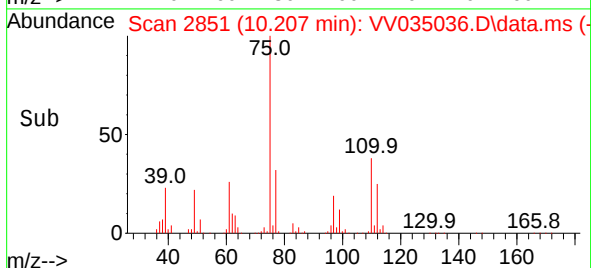
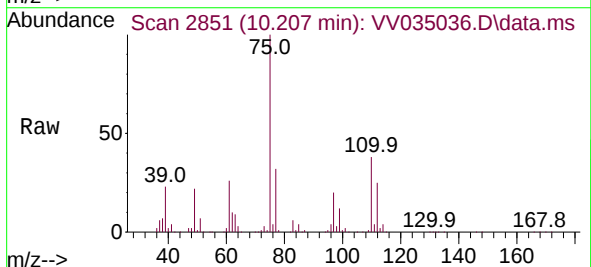


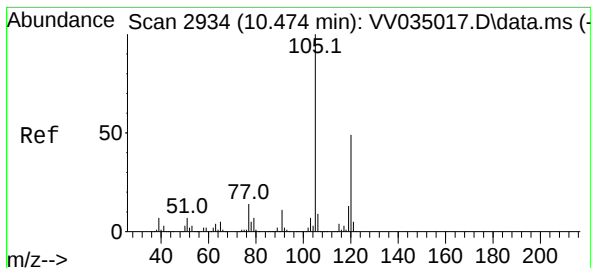
Tgt Ion:105 Resp: 796400
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 16.3 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 56.651 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035036.D
Acq: 06 Apr 2024 04:14

Tgt Ion: 75 Resp: 240648
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0
110 38.1 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 56.469 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

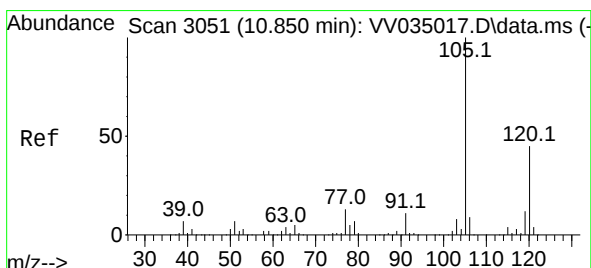
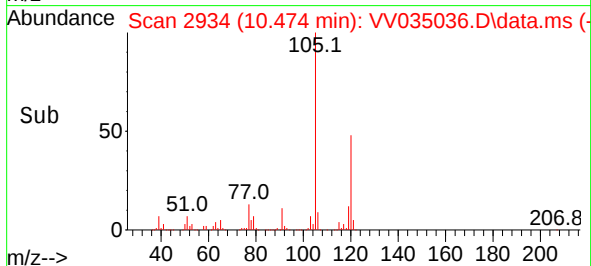
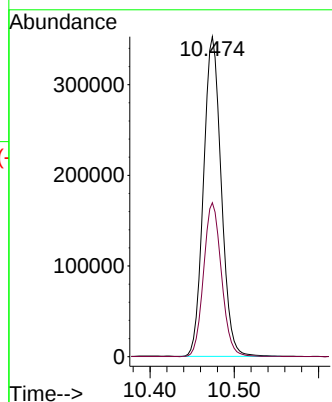
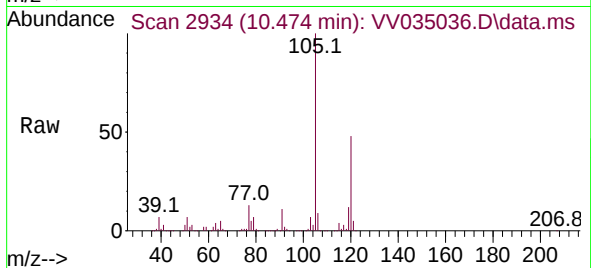
ClientSampleId :

Tgt Ion:105 Resp: 518281

Ion Ratio Lower Upper

105 100

120 48.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 56.751 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035036.D

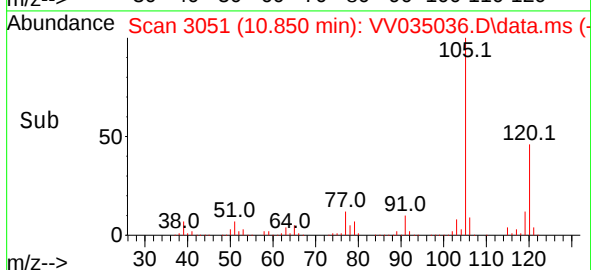
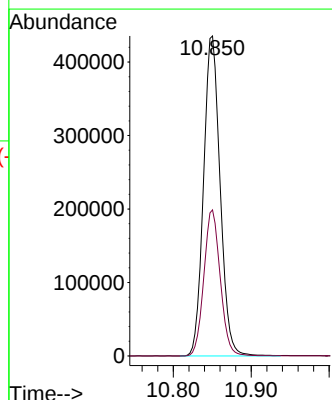
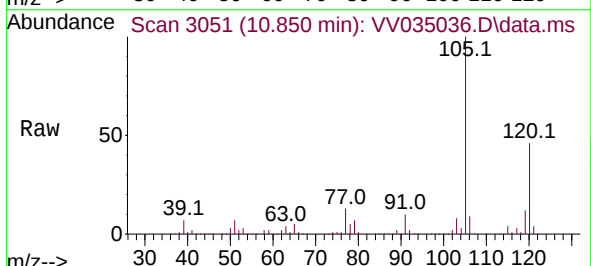
Acq: 06 Apr 2024 04:14

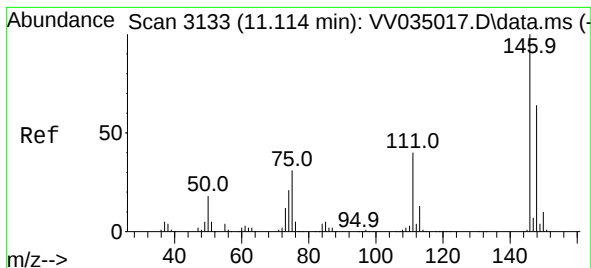
Tgt Ion:105 Resp: 643987

Ion Ratio Lower Upper

105 100

120 45.1 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 54.933 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

ClientSampleId :

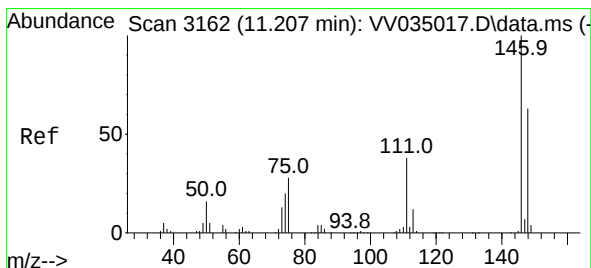
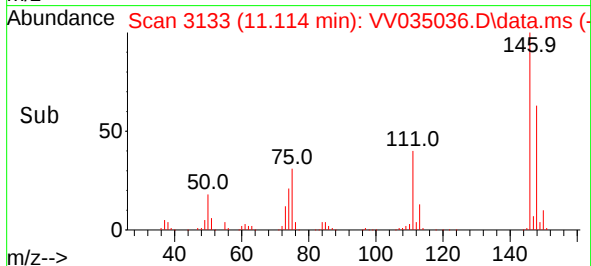
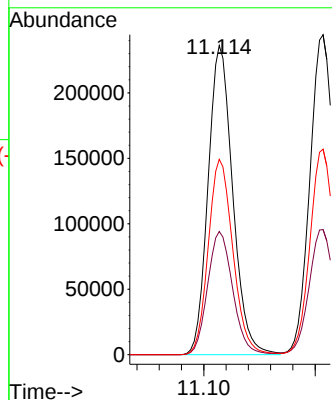
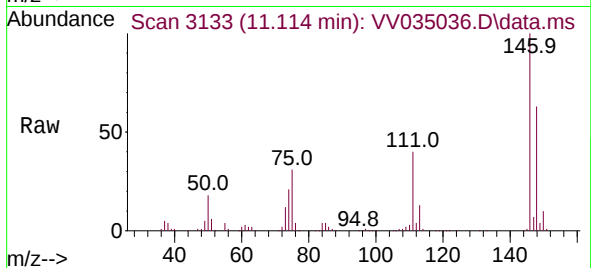
Tgt Ion:146 Resp: 362788

Ion Ratio Lower Upper

146 100

111 39.9 28.7 53.3

148 63.2 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 57.962 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

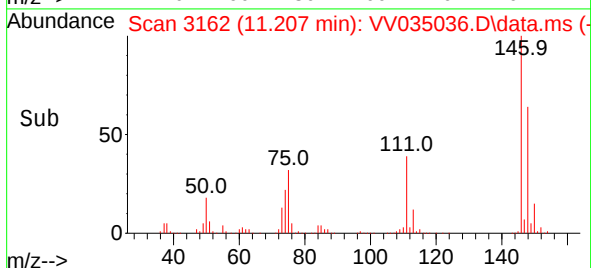
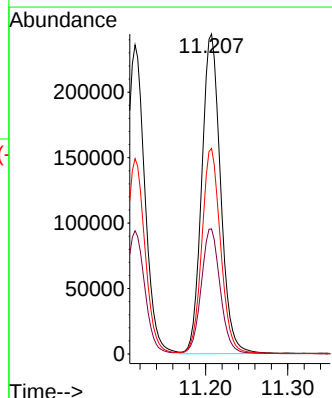
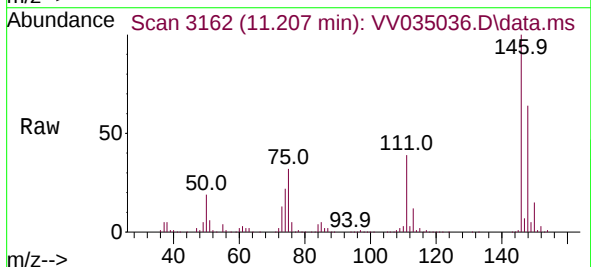
Tgt Ion:146 Resp: 389275

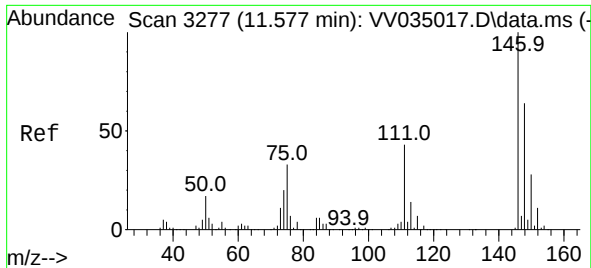
Ion Ratio Lower Upper

146 100

111 39.1 27.4 50.8

148 64.3 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 59.103 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

ClientSampleId :

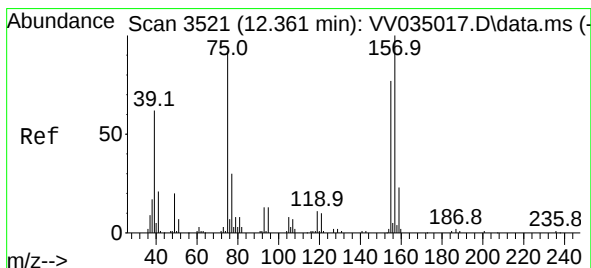
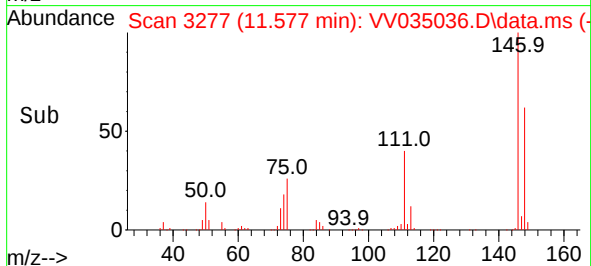
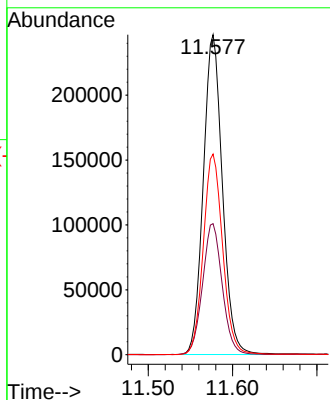
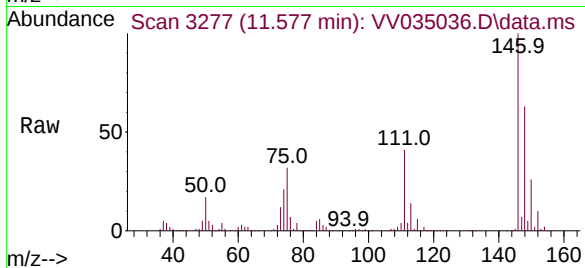
Tgt Ion:146 Resp: 388841

Ion Ratio Lower Upper

146 100

111 40.9 34.6 52.0

148 62.7 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 55.207 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

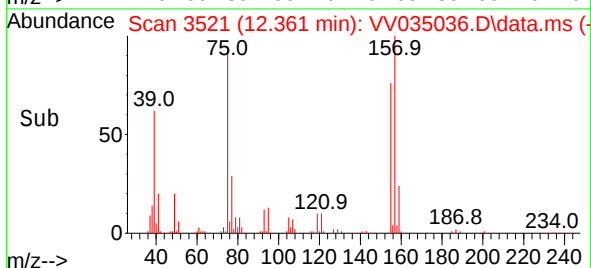
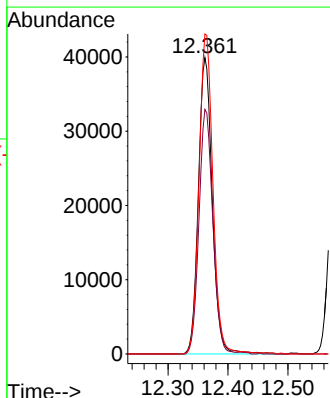
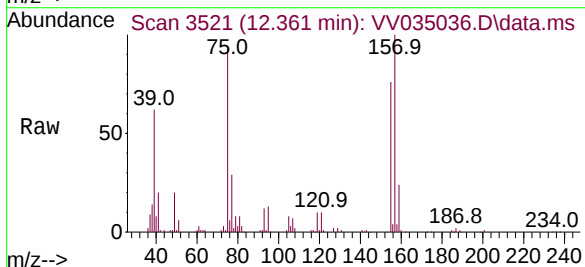
Tgt Ion: 75 Resp: 64608

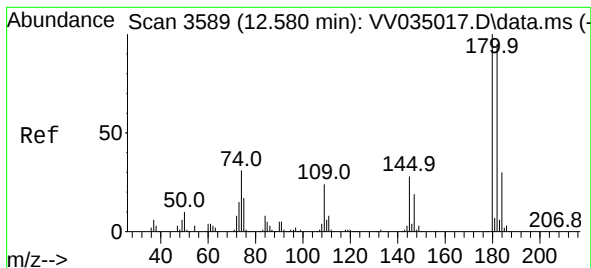
Ion Ratio Lower Upper

75 100

155 82.5 63.0 94.6

157 108.0 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 52.962 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

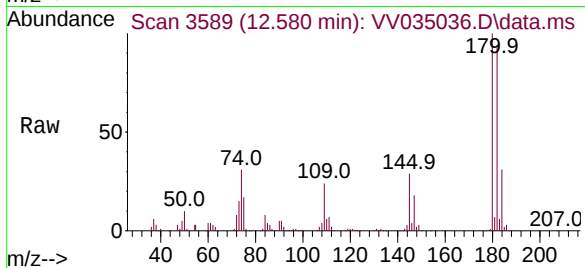
Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 252085

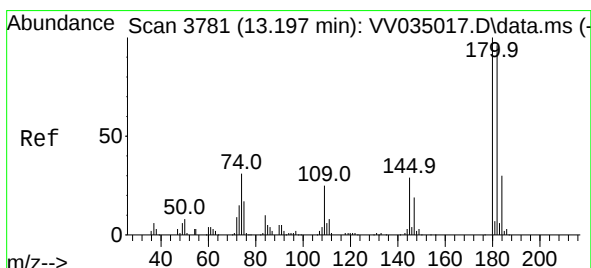
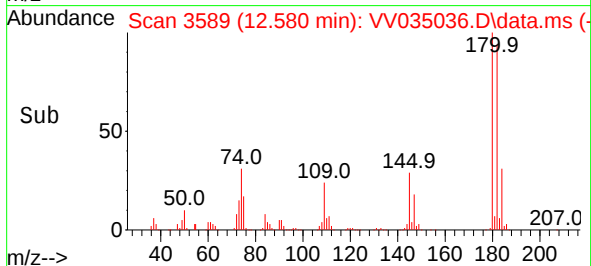
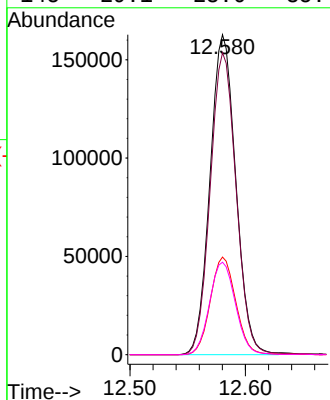
Ion Ratio Lower Upper

180 100

182 94.7 74.7 112.1

184 30.1 24.0 36.0

145 29.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 53.652 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.003 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

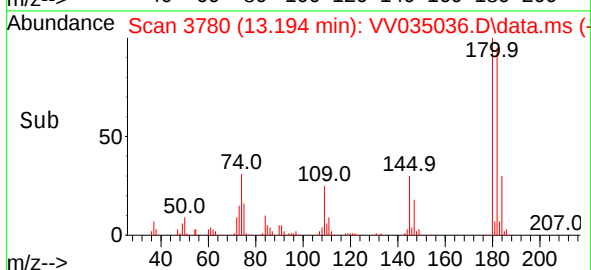
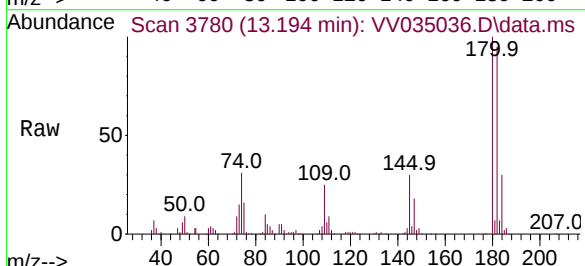
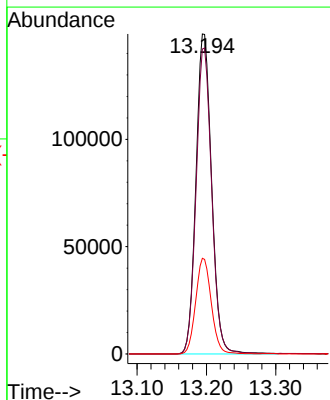
Tgt Ion:180 Resp: 234575

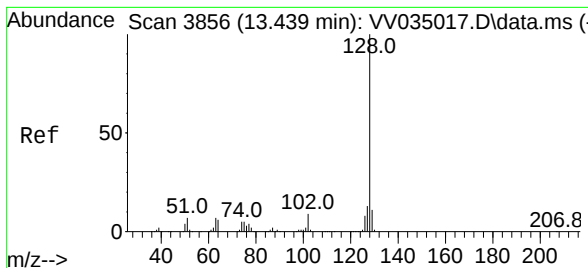
Ion Ratio Lower Upper

180 100

182 94.8 75.6 113.4

145 29.8 24.1 36.1





#71

Naphthalene

Concen: 39.937 ug/L

RT: 13.435 min Scan# 3856

Delta R.T. -0.003 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Instrument :

MSVOA_V

ClientSampleId :

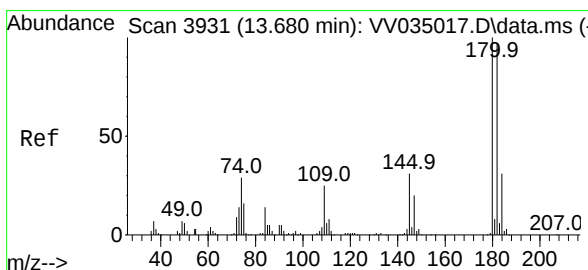
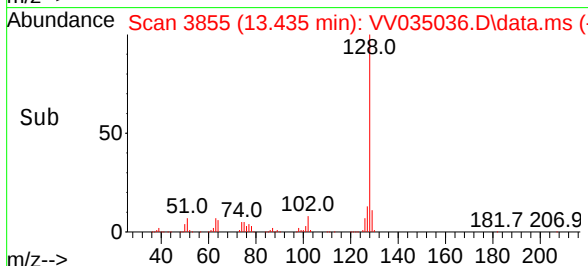
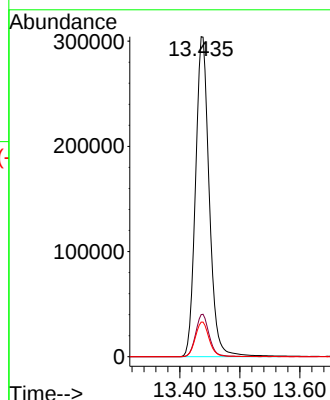
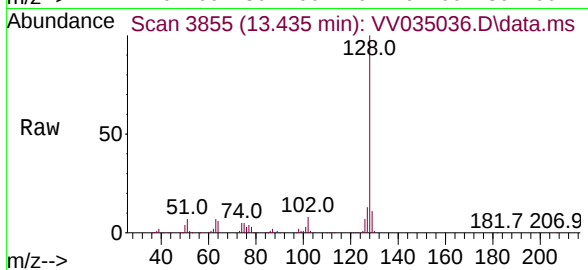
Tgt Ion:128 Resp: 484437

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 51.809 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. -0.003 min

Lab File: VV035036.D

Acq: 06 Apr 2024 04:14

Tgt Ion:180 Resp: 223282

Ion Ratio Lower Upper

180 100

182 94.7 76.2 114.2

145 30.6 25.8 38.6

