

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041724\
 Data File : VW035254.D
 Acq On : 17 Apr 2024 08:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 18 00:37:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	190111	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	195612	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	99159	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	79892	4.488	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.532	69	68043	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.056	65	35093	4.647	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	3.815	46	156073	51.836	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.680%
24) Chloroform-d	4.246	84	150142	5.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	4.940	65	70313	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	4.957	84	285850	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	5.985	67	89505	5.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.239	98	262134	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	7.554	79	28083	4.553	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.024	63	116425	45.320	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.640%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	63696	4.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	85860	4.871	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	99310	5.519	ug/L	99
3) Chloromethane	1.214	50	110192	5.250	ug/L	98
5) Vinyl chloride	1.285	62	110567	5.370	ug/L	99
6) Bromomethane	1.487	94	51020	4.323	ug/L	99
8) Chloroethane	1.552	64	70050	5.526	ug/L	96
9) Trichlorofluoromethane	1.715	101	134233	5.471	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	79352	5.268	ug/L	98
12) 1,1-Dichloroethene	2.069	96	77253	5.353	ug/L	85
13) Acetone	2.143	43	111655	55.030	ug/L	71
14) Carbon disulfide	2.240	76	252403	5.544	ug/L	100
15) Methyl Acetate	2.387	43	28476	5.328	ug/L	97
16) Methylene chloride	2.445	84	87733	4.827	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	164816	5.059	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	79202	5.370	ug/L	98
19) 1,1-Dichloroethane	3.111	63	165392	5.576	ug/L	99
21) 2-Butanone	3.892	43	165179	49.738	ug/L #	72
22) cis-1,2-Dichloroethene	3.812	96	83353	5.497	ug/L	99
23) Bromochloromethane	4.146	128	36299	5.293	ug/L	91
25) Chloroform	4.272	83	158966	5.512	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041724\
 Data File : VV035254.D
 Acq On : 17 Apr 2024 08:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

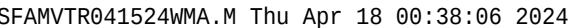
Instrument :
 MSVOA_V
 ClientSampleId :

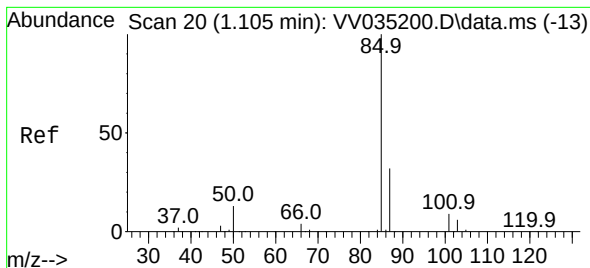
Quant Time: Apr 18 00:37:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	92379	5.462	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	133766	5.434	ug/L	99
30) Cyclohexane	4.580	56	120984	5.159	ug/L	99
31) Carbon tetrachloride	4.731	117	113904	5.422	ug/L	99
33) Benzene	5.008	78	337869	5.495	ug/L	100
34) Trichloroethene	5.831	95	84812	5.244	ug/L	100
35) Methylcyclohexane	6.047	83	122026	5.009	ug/L	98
37) 1,2-Dichloropropane	6.092	63	90289	5.553	ug/L	99
38) Bromodichloromethane	6.432	83	106831	5.396	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	102762	4.754	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	418361	48.834	ug/L	97
42) Toluene	7.313	91	355347	5.572	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	82721	4.734	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	58444	5.180	ug/L	98
47) Tetrachloroethene	7.902	164	65403	5.097	ug/L	95
48) 2-Hexanone	8.075	43	301585	47.587	ug/L	99
49) Dibromochloromethane	8.175	129	59349	5.092	ug/L	98
50) 1,2-Dibromoethane	8.281	107	52523	4.957	ug/L	98
51) Chlorobenzene	8.812	112	217285	5.265	ug/L	100
52) Ethylbenzene	8.943	91	361199	5.286	ug/L	99
53) m,p-Xylene	9.072	106	134836	5.356	ug/L	100
54) o-Xylene	9.474	106	128561	5.291	ug/L	95
55) Styrene	9.493	104	228830	5.598	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	67426	4.876	ug/L	98
59) Bromoform	9.664	173	30604	5.181	ug/L	98
60) Isopropylbenzene	9.863	105	346764	5.444	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	48464	4.868	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	267455	5.200	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	269484	5.302	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	169162	5.277	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	169796	5.071	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	151756	5.098	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	9498	4.833	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.580	180	119214	4.899	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	90300	4.449	ug/L	100
71) Naphthalene	13.438	128	106375	3.648	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	83766	4.649	ug/L	98

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

Quant Time: Apr 18 00:37:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 17 02:28:28 2024
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 5.519 ug/L

RT: 1.108 min Scan# 21

Delta R.T. -0.000 min MSVOA_V

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

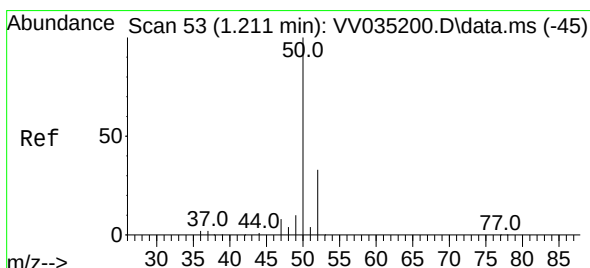
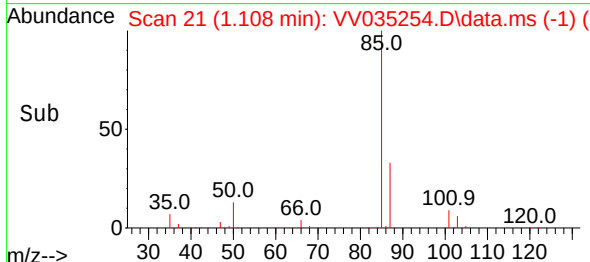
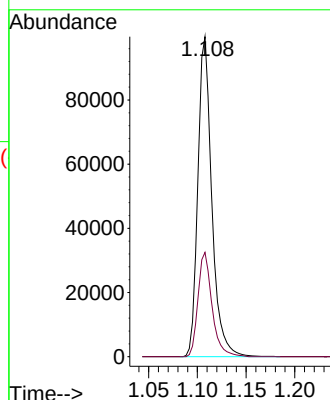
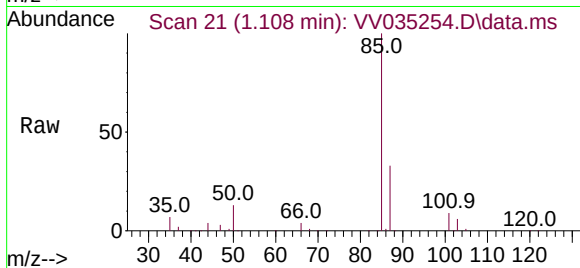
ClientSampleId :

Tgt Ion: 85 Resp: 99310

Ion Ratio Lower Upper

85 100

87 32.8 25.8 38.6



#3

Chloromethane

Concen: 5.250 ug/L

RT: 1.214 min Scan# 54

Delta R.T. -0.000 min

Lab File: VV035254.D

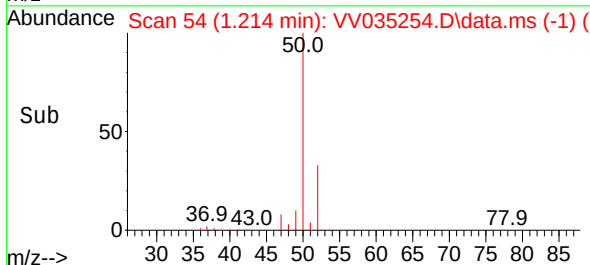
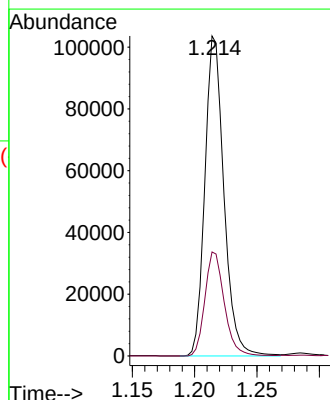
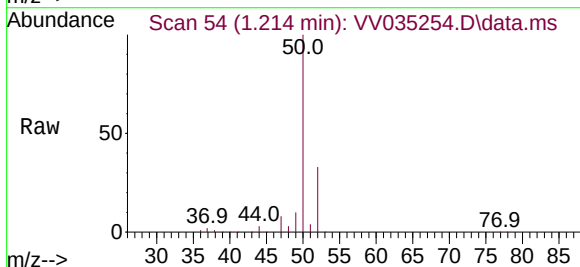
Acq: 17 Apr 2024 08:53

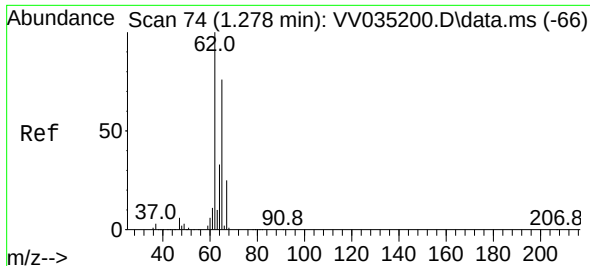
Tgt Ion: 50 Resp: 110192

Ion Ratio Lower Upper

50 100

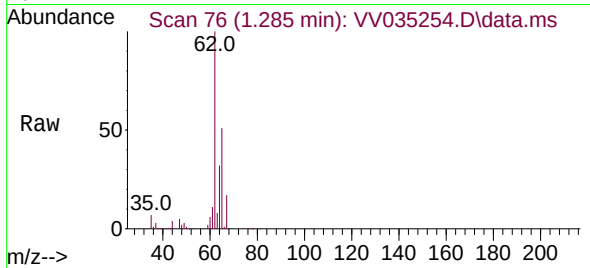
52 32.5 23.7 43.9



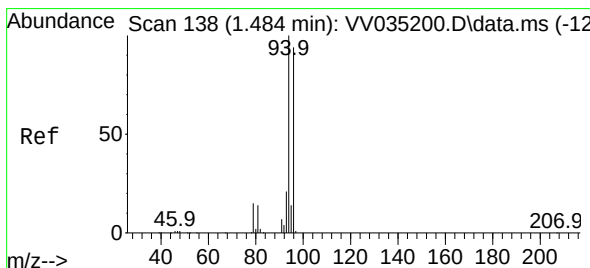
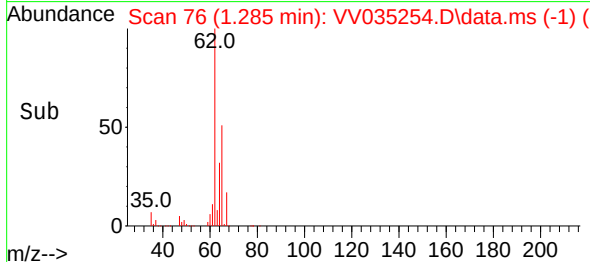
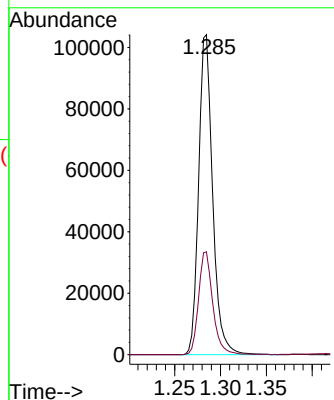


#5
 Vinyl chloride
 Concen: 5.370 ug/L
 RT: 1.285 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV035254.D
 Acq: 17 Apr 2024 08:53

Instrument :
 MSVOA_V
 ClientSampleId :

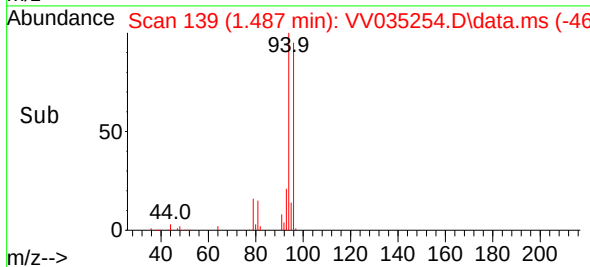
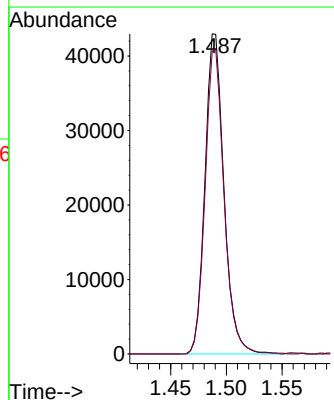
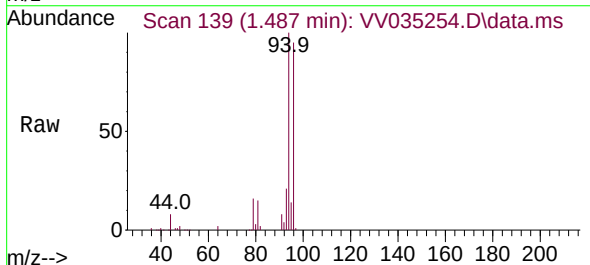


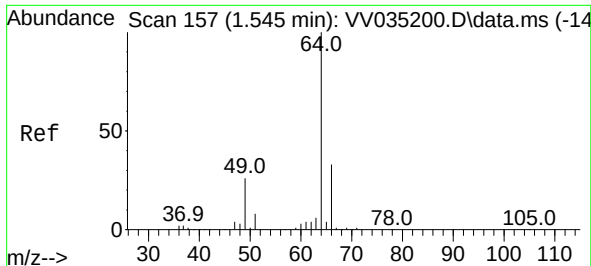
Tgt Ion: 62 Resp: 110567
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.8 42.4



#6
 Bromomethane
 Concen: 4.323 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV035254.D
 Acq: 17 Apr 2024 08:53

Tgt Ion: 94 Resp: 51020
 Ion Ratio Lower Upper
 94 100
 96 94.6 65.7 122.1

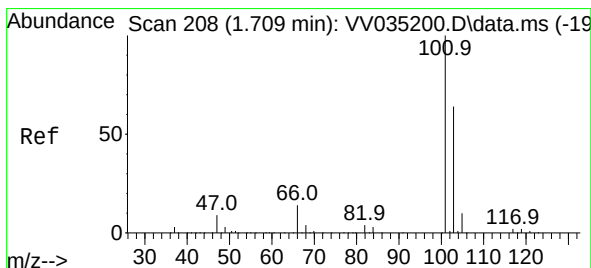
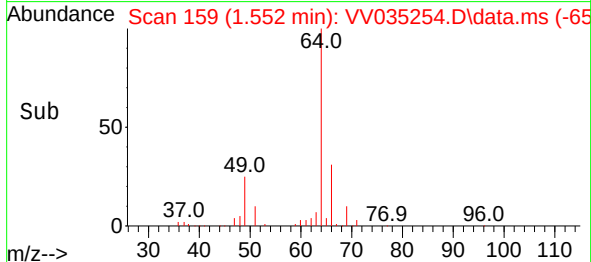
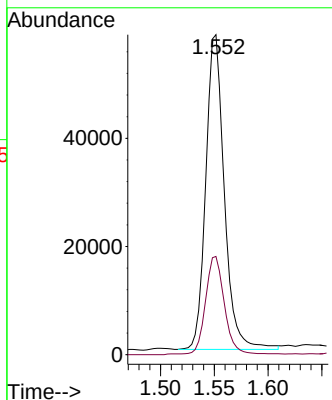
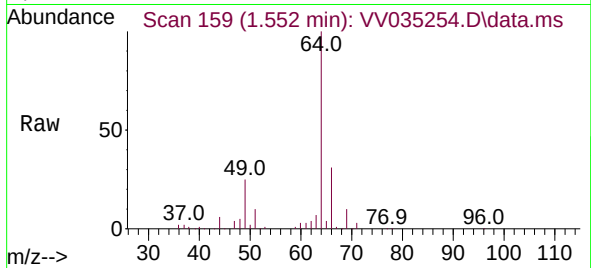




#8
Chloroethane
Concen: 5.526 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53

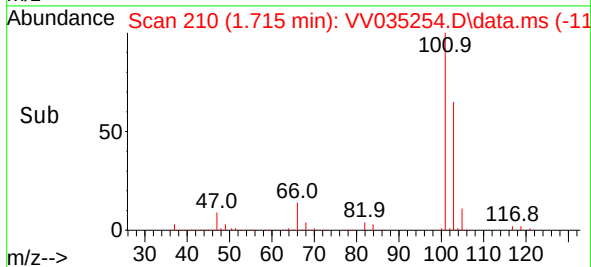
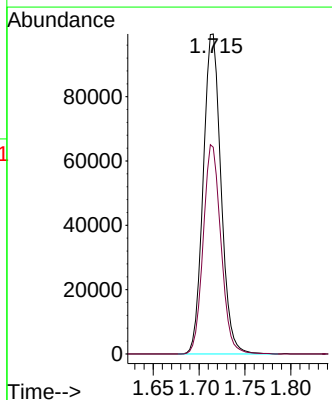
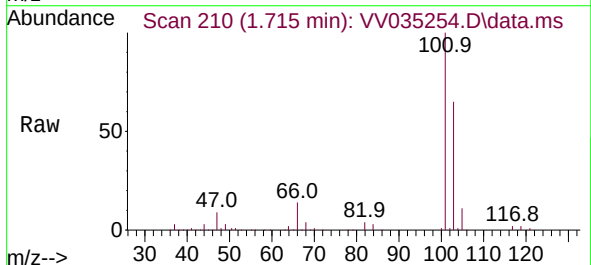
Instrument :
MSVOA_V
ClientSampleId :

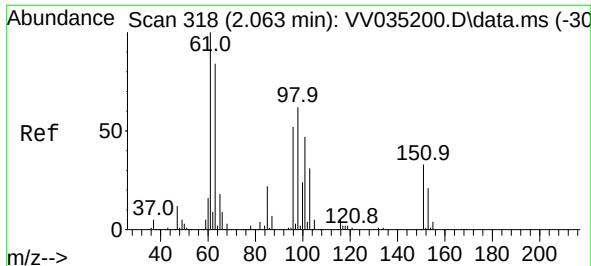
Tgt Ion: 64 Resp: 70050
Ion Ratio Lower Upper
64 100
66 30.7 23.0 42.6



#9
Trichlorofluoromethane
Concen: 5.471 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53

Tgt Ion:101 Resp: 134233
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2





#10

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

Concen: 5.268 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

ClientSampleId :

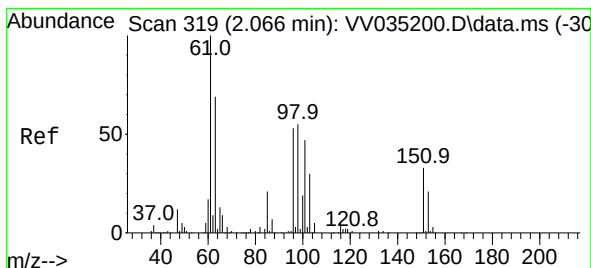
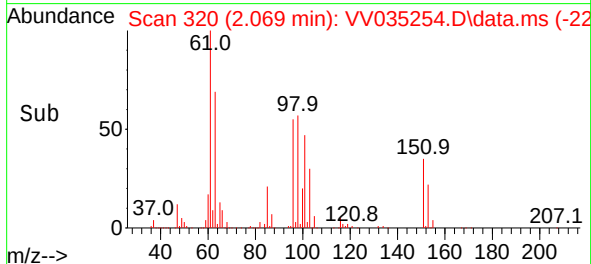
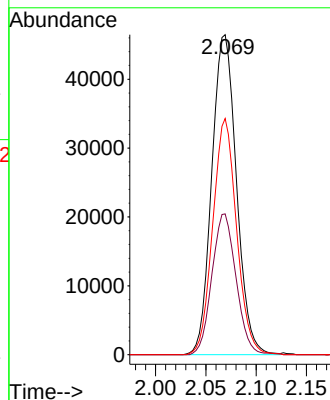
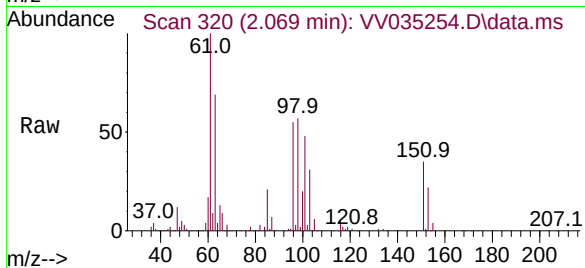
Tgt Ion:101 Resp: 79352

Ion Ratio Lower Upper

101 100

85 43.1 35.8 53.6

151 71.2 56.2 84.2



#12

1,1-Dichloroethene

Concen: 5.353 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

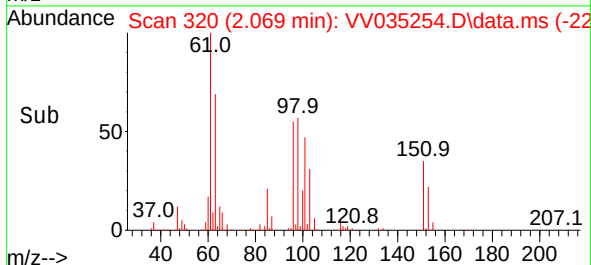
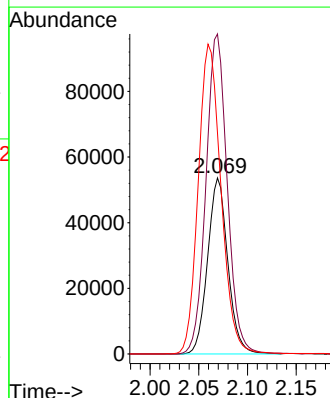
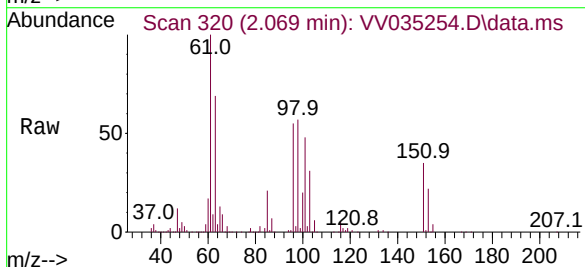
Tgt Ion: 96 Resp: 77253

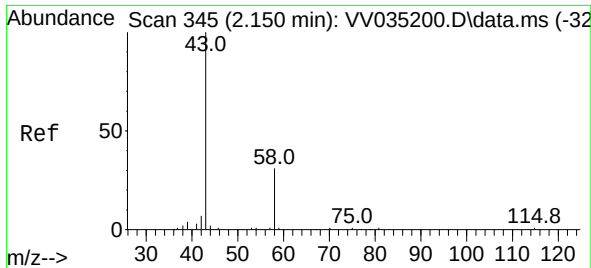
Ion Ratio Lower Upper

96 100

61 181.8 133.5 247.9

63 125.6 112.5 208.9





#13

Acetone

Concen: 55.030 ug/L

RT: 2.143 min Scan# 345

Delta R.T. -0.010 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

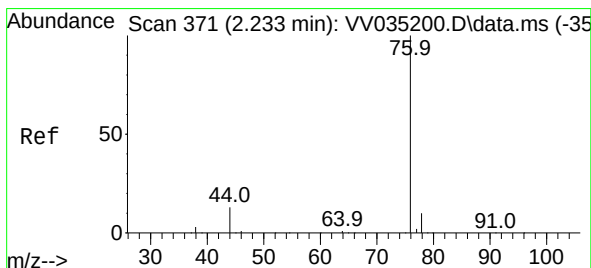
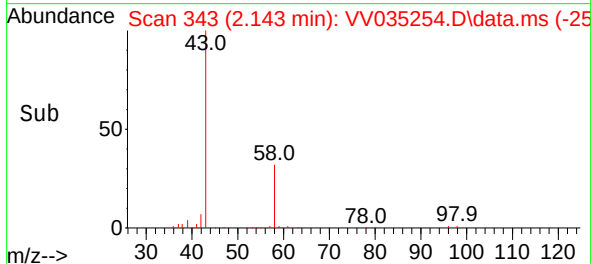
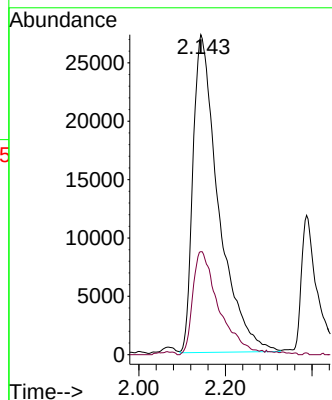
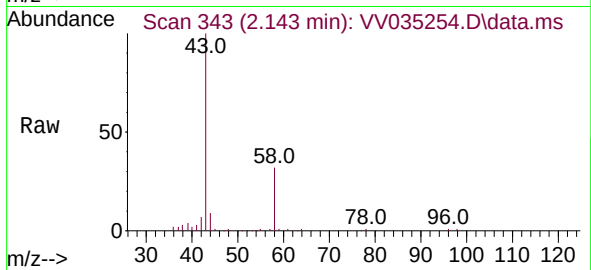
ClientSampleId :

Tgt Ion: 43 Resp: 111655

Ion Ratio Lower Upper

43 100

58 32.9 0.0 39.2



#14

Carbon disulfide

Concen: 5.544 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV035254.D

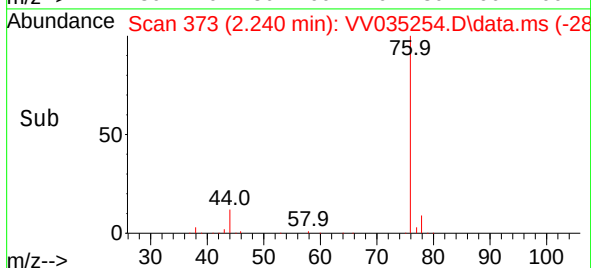
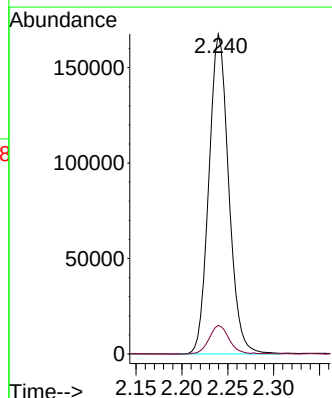
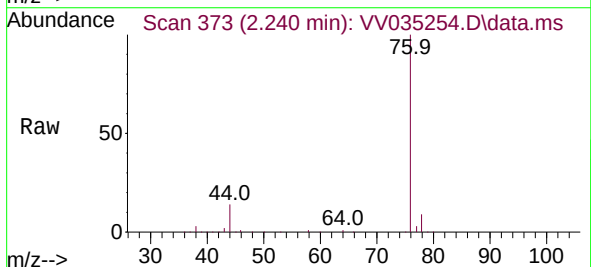
Acq: 17 Apr 2024 08:53

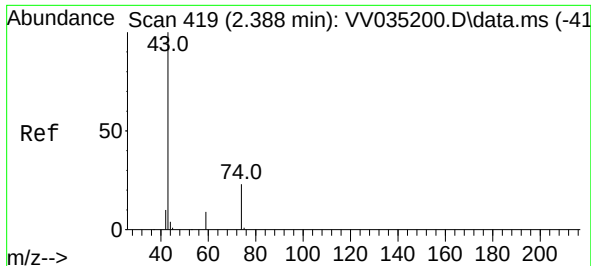
Tgt Ion: 76 Resp: 252403

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8





#15

Methyl Acetate

Concen: 5.328 ug/L

RT: 2.387 min Scan# 419

Delta R.T. -0.003 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

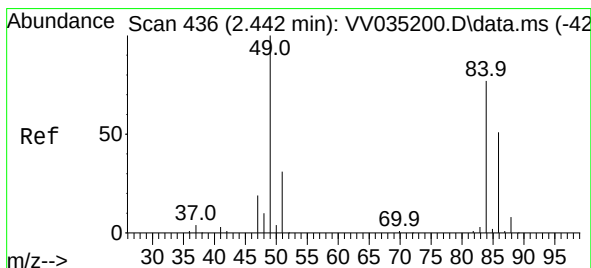
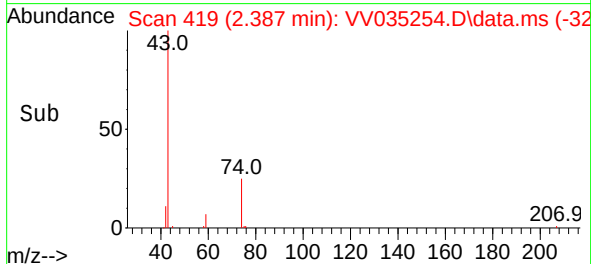
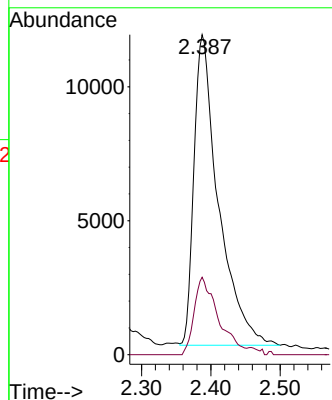
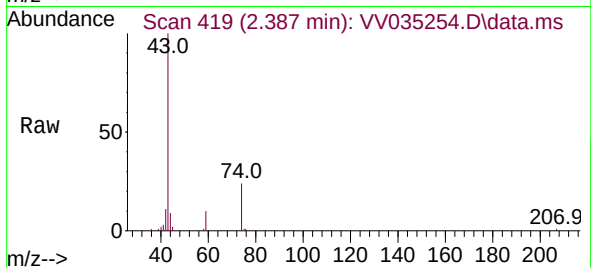
ClientSampleId :

Tgt Ion: 43 Resp: 28476

Ion Ratio Lower Upper

43 100

74 24.6 18.3 27.5



#16

Methylene chloride

Concen: 4.827 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

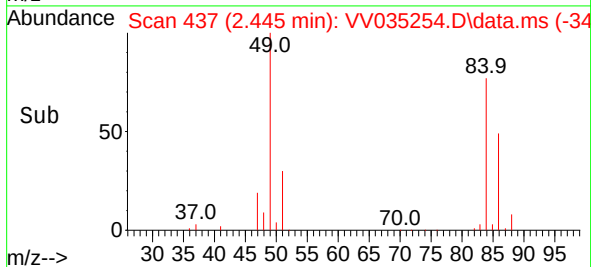
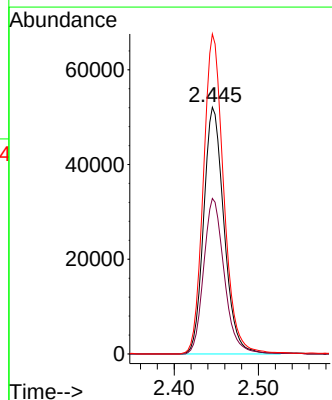
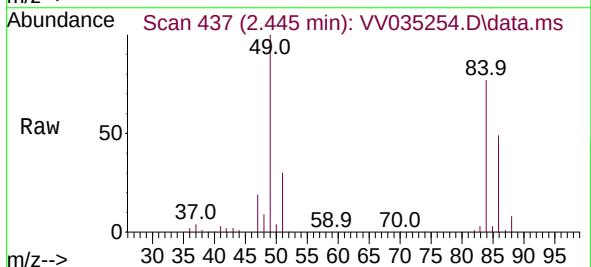
Tgt Ion: 84 Resp: 87733

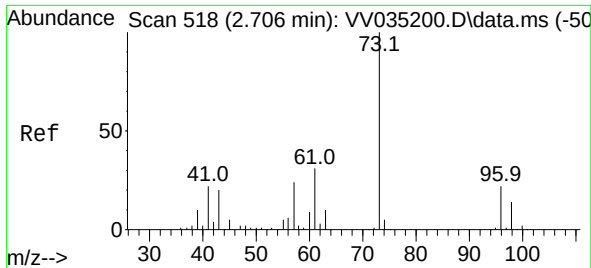
Ion Ratio Lower Upper

84 100

86 63.0 45.6 84.6

49 129.7 89.5 166.1





#17

Methyl tert-butyl Ether

Concen: 5.059 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

ClientSampleId :

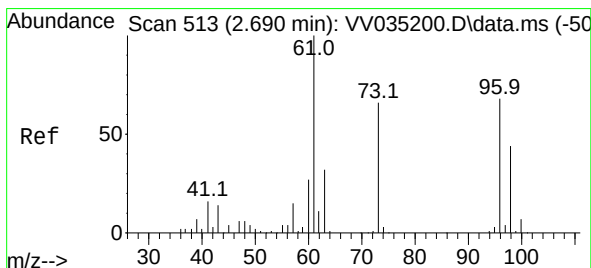
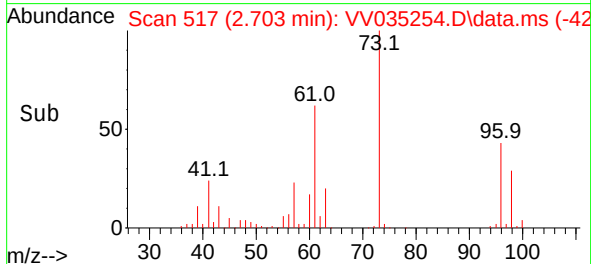
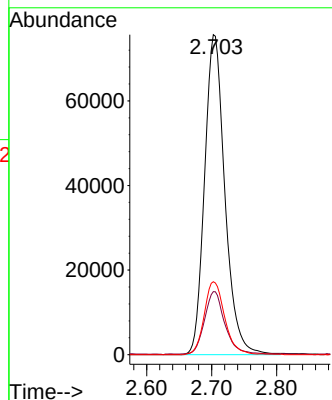
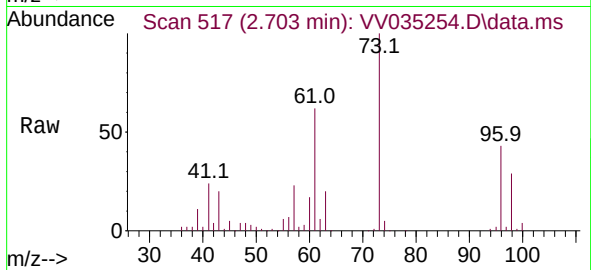
Tgt Ion: 73 Resp: 164816

Ion Ratio Lower Upper

73 100

43 19.4 15.7 23.5

57 22.9 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 5.370 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

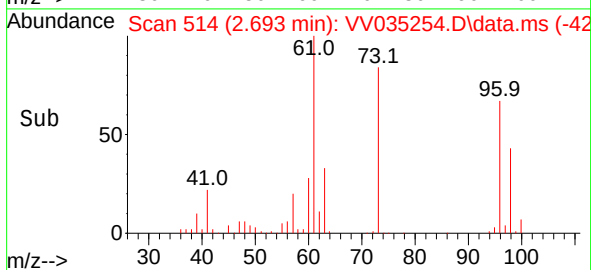
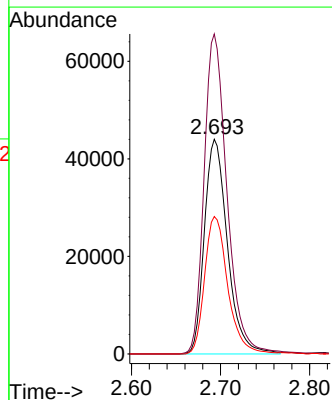
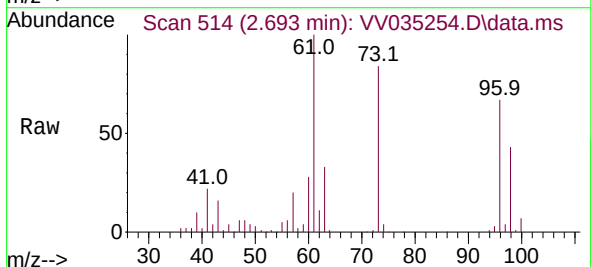
Tgt Ion: 96 Resp: 79202

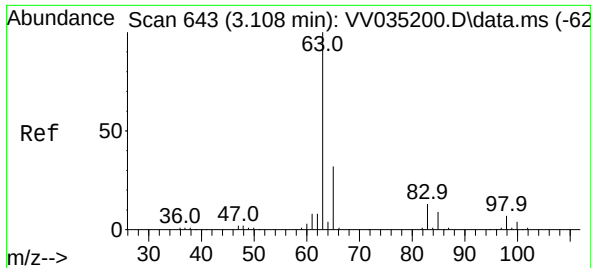
Ion Ratio Lower Upper

96 100

61 149.0 101.8 189.2

98 64.0 44.7 82.9

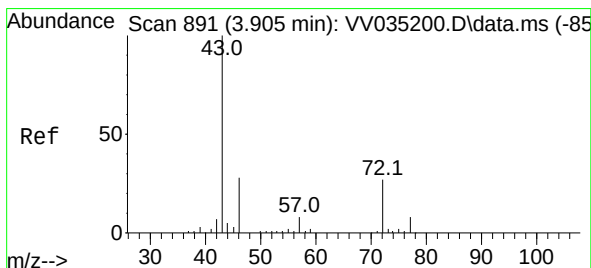
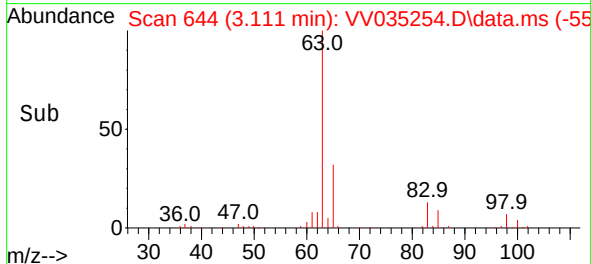
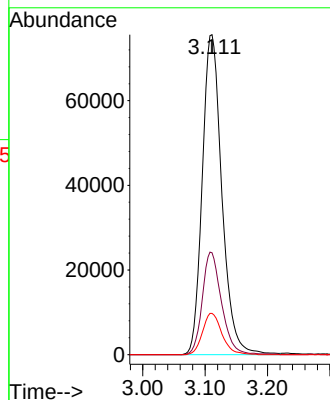
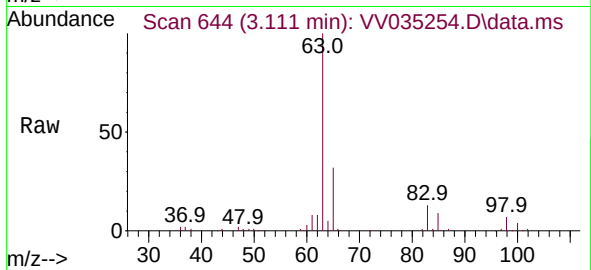




#19
1,1-Dichloroethane
Concen: 5.576 ug/L
RT: 3.111 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53

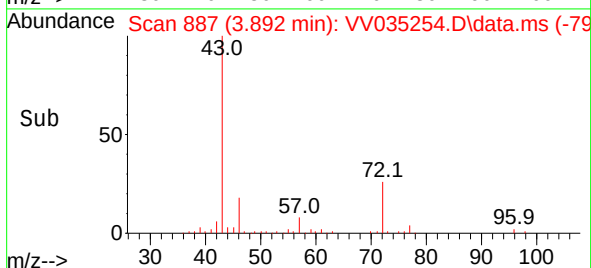
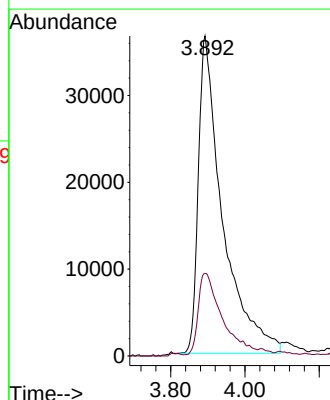
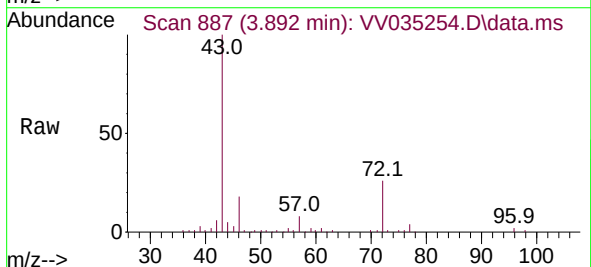
Instrument :
MSVOA_V
ClientSampleId :

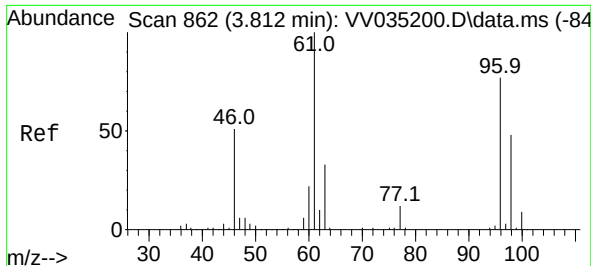
Tgt Ion: 63 Resp: 165392
Ion Ratio Lower Upper
63 100
65 31.9 22.2 41.2
83 12.9 9.4 17.4



#21
2-Butanone
Concen: 49.738 ug/L
RT: 3.892 min Scan# 887
Delta R.T. -0.016 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53

Tgt Ion: 43 Resp: 165179
Ion Ratio Lower Upper
43 100
72 23.5 6.3 18.8#





#22

cis-1,2-Dichloroethene

Concen: 5.497 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

ClientSampleId :

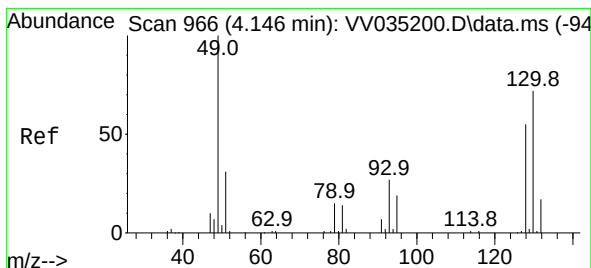
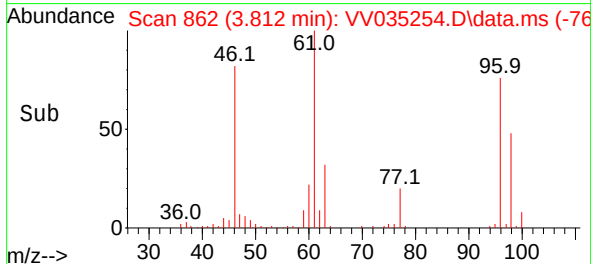
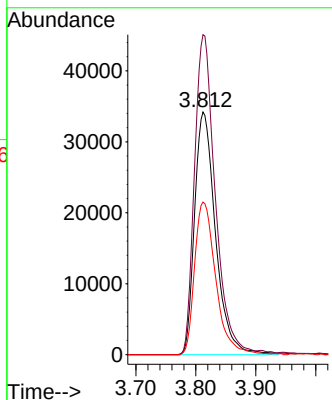
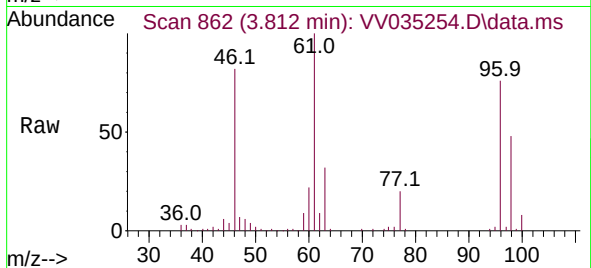
Tgt Ion: 96 Resp: 83353

Ion Ratio Lower Upper

96 100

61 131.8 92.8 172.4

98 62.9 45.5 84.5



#23

Bromochloromethane

Concen: 5.293 ug/L

RT: 4.146 min Scan# 966

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Tgt Ion:128 Resp: 36299

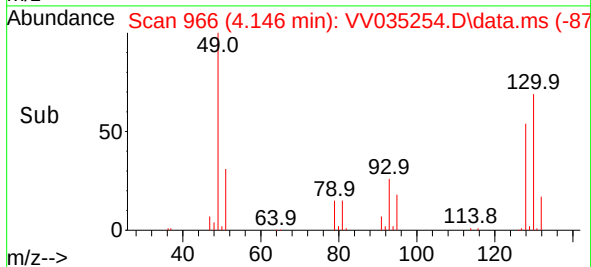
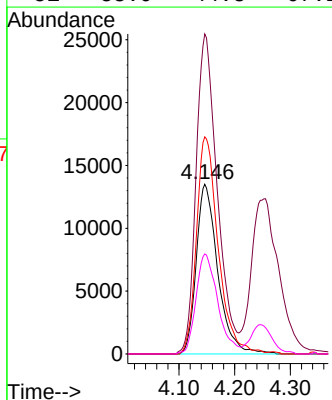
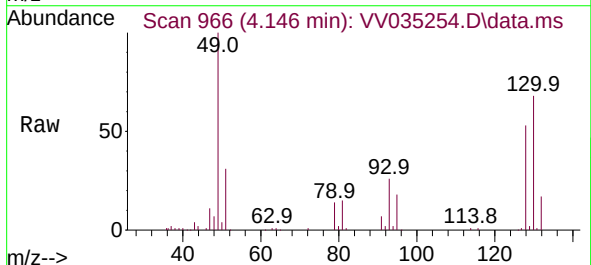
Ion Ratio Lower Upper

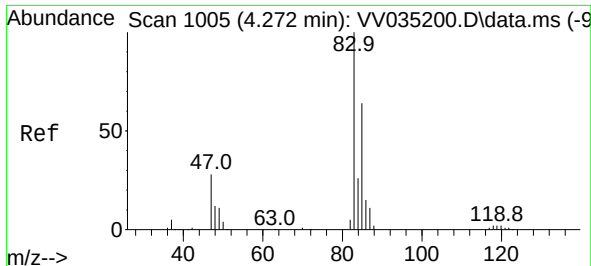
128 100

49 188.4 119.8 222.4

130 127.9 85.2 158.2

51 58.9 44.8 67.2





#25

Chloroform

Concen: 5.512 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

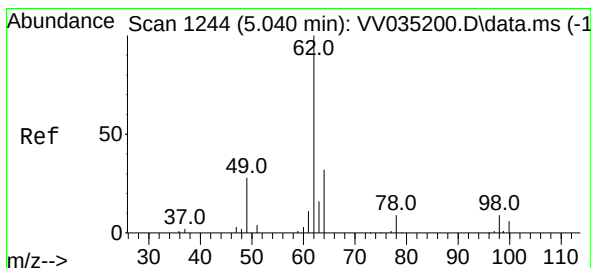
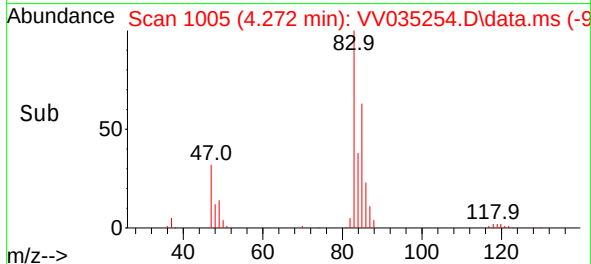
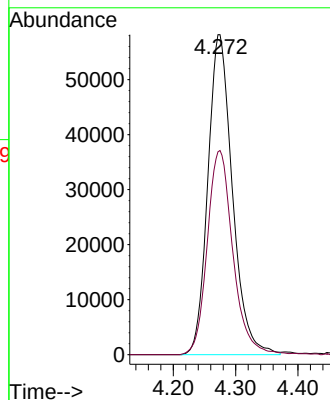
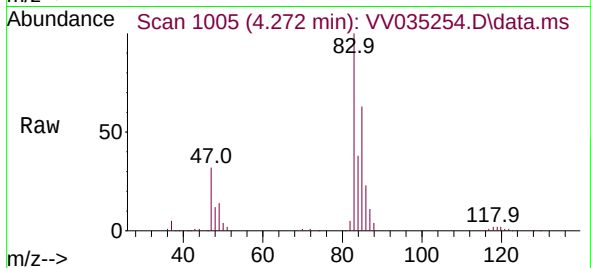
ClientSampleId :

Tgt Ion: 83 Resp: 158966

Ion Ratio Lower Upper

83 100

85 63.4 46.0 85.4



#27

1,2-Dichloroethane

Concen: 5.462 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.000 min

Lab File: VV035254.D

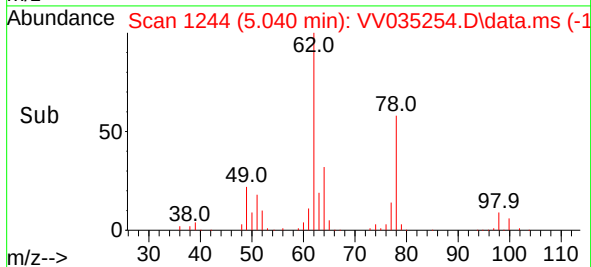
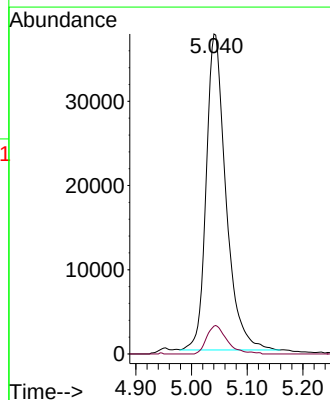
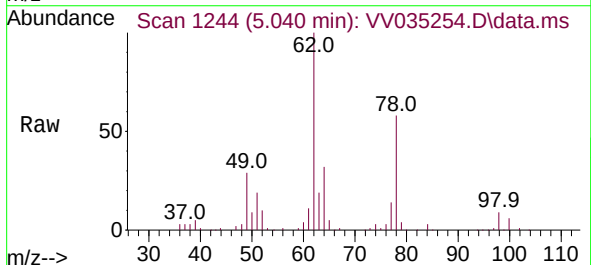
Acq: 17 Apr 2024 08:53

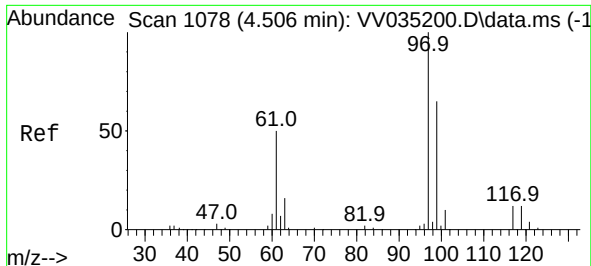
Tgt Ion: 62 Resp: 92379

Ion Ratio Lower Upper

62 100

98 8.7 7.3 10.9





#29

1,1,1-Trichloroethane

Concen: 5.434 ug/L

RT: 4.510 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

ClientSampleId :

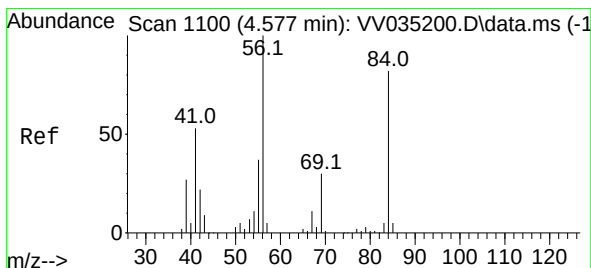
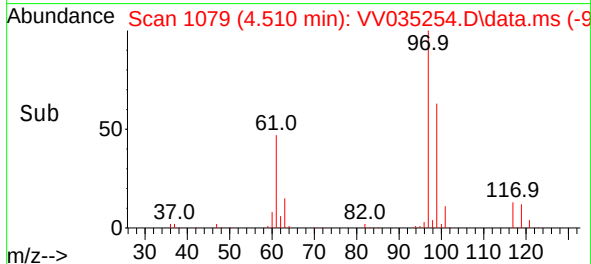
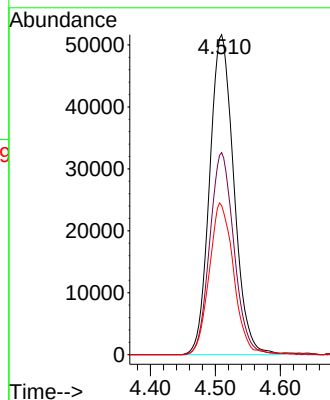
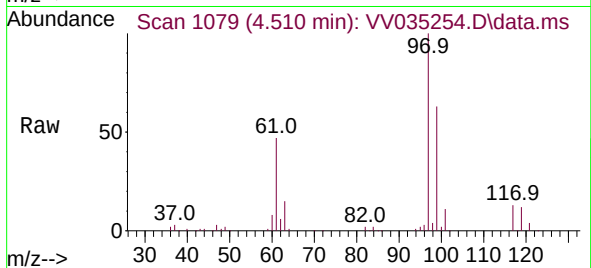
Tgt Ion: 97 Resp: 133766

Ion Ratio Lower Upper

97 100

99 63.4 51.4 77.2

61 47.9 38.3 57.5



#30

Cyclohexane

Concen: 5.159 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

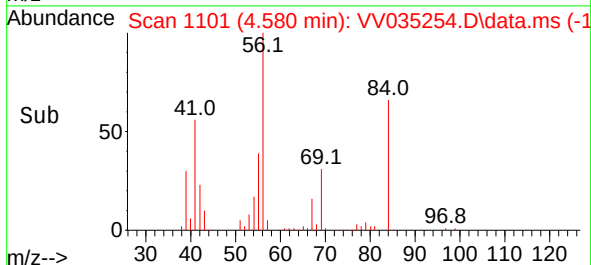
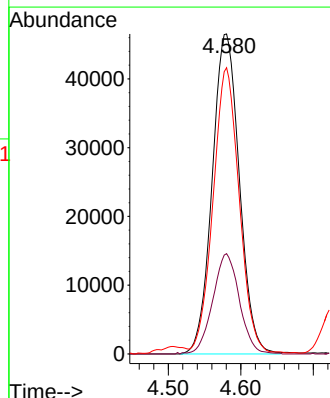
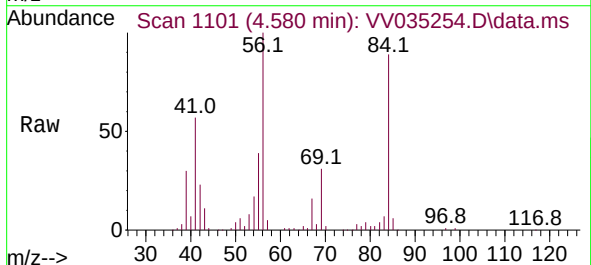
Tgt Ion: 56 Resp: 120984

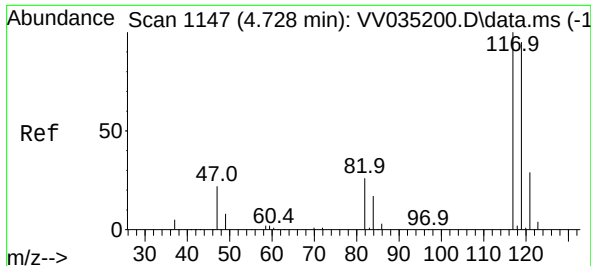
Ion Ratio Lower Upper

56 100

69 30.7 24.8 37.2

84 85.6 69.4 104.2

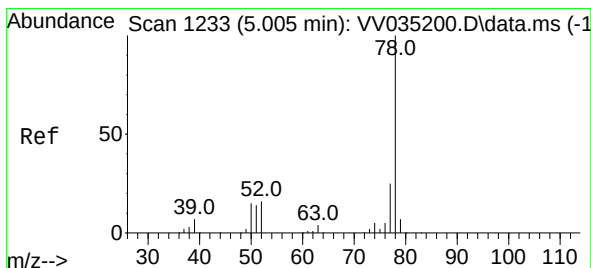
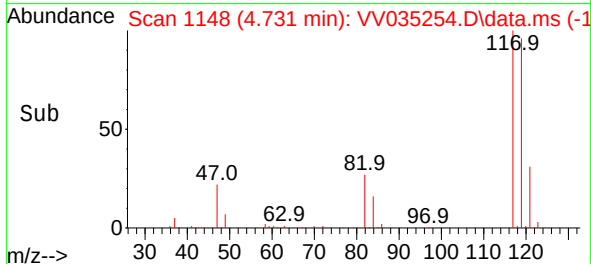
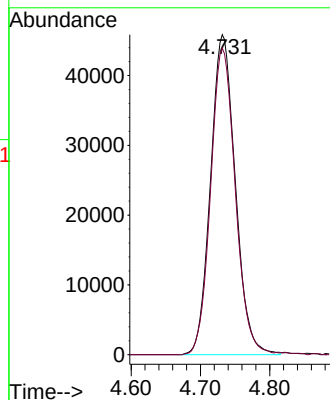
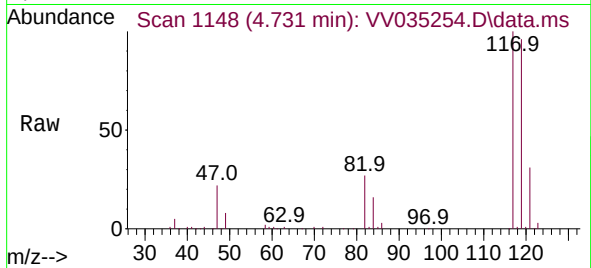




#31
Carbon tetrachloride
Concen: 5.422 ug/L
RT: 4.731 min Scan# 1147
Delta R.T. -0.000 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53

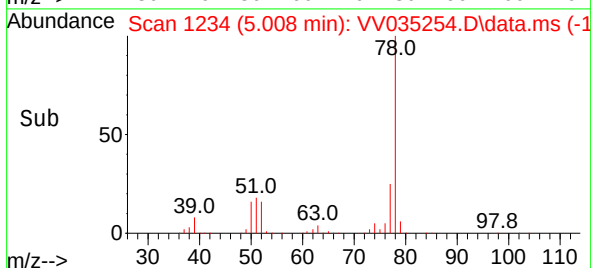
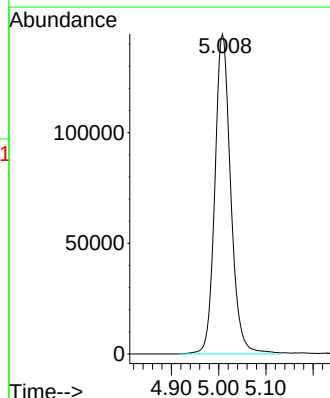
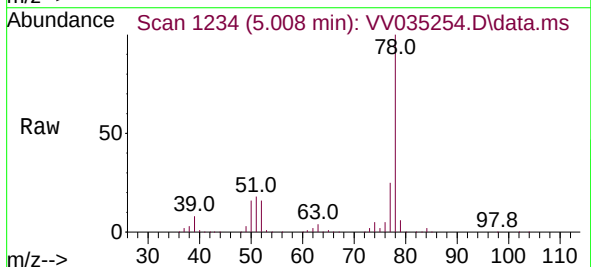
Instrument :
MSVOA_V
ClientSampleId :

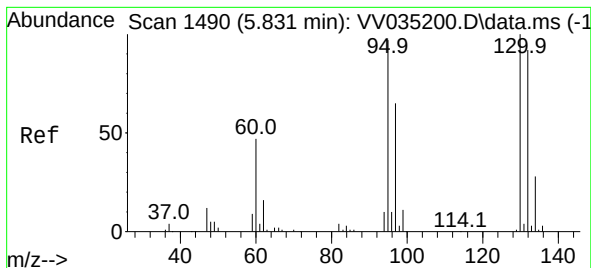
Tgt Ion:117 Resp: 113904
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.6



#33
Benzene
Concen: 5.495 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53

Tgt Ion: 78 Resp: 337869





#34

Trichloroethene

Concen: 5.244 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 84812

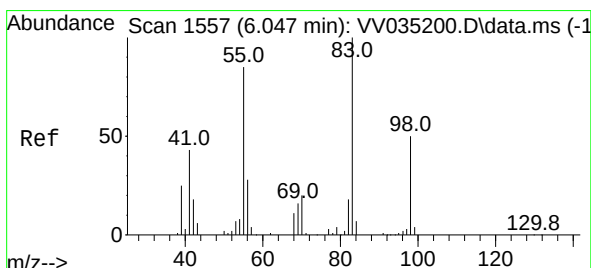
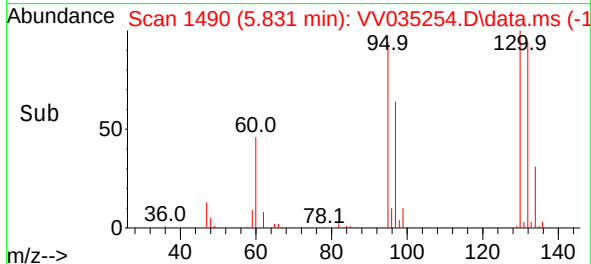
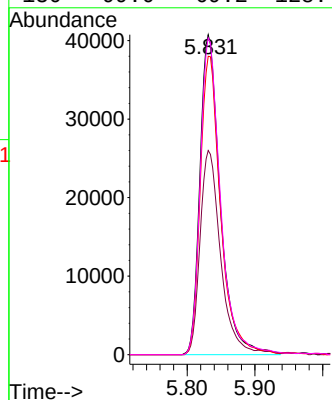
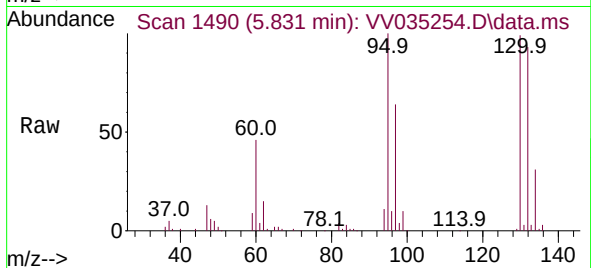
Ion Ratio Lower Upper

95 100

97 63.8 44.7 82.9

132 93.2 64.8 120.3

130 99.0 69.2 128.4



#35

Methylcyclohexane

Concen: 5.009 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

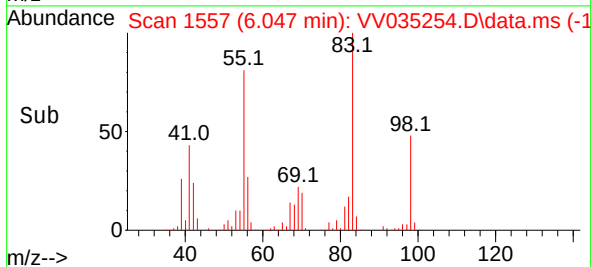
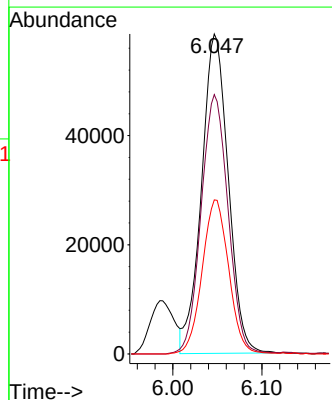
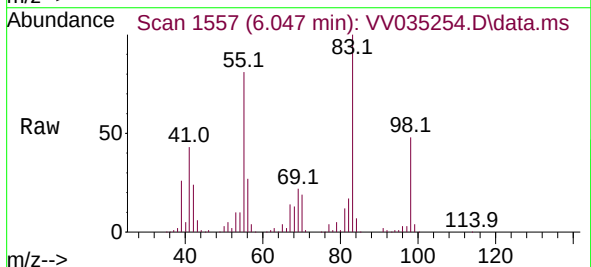
Tgt Ion: 83 Resp: 122026

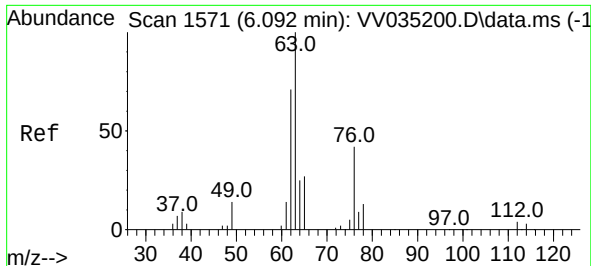
Ion Ratio Lower Upper

83 100

55 82.0 63.8 95.6

98 47.9 37.4 56.2

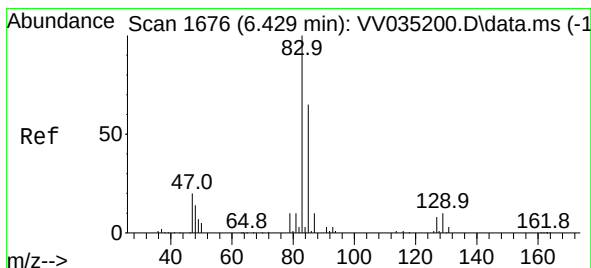
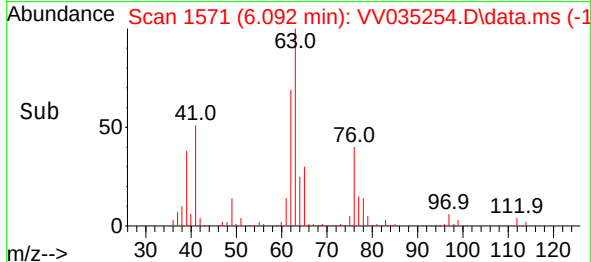
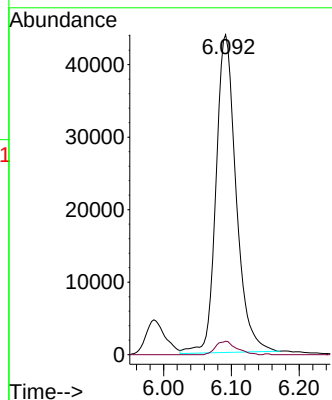
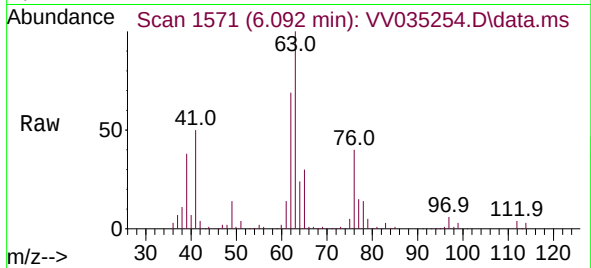




#37
1,2-Dichloropropane
Concen: 5.553 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53

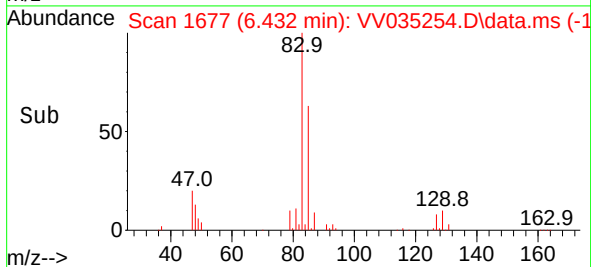
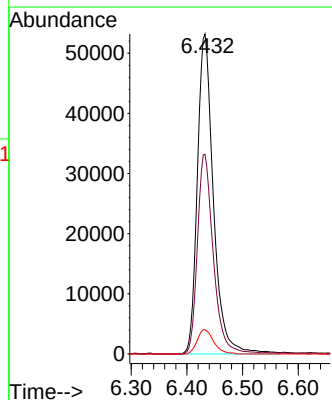
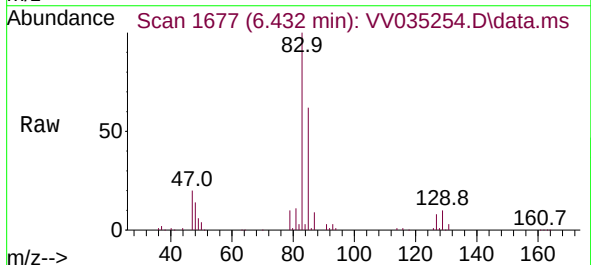
Instrument :
MSVOA_V
ClientSampleId :

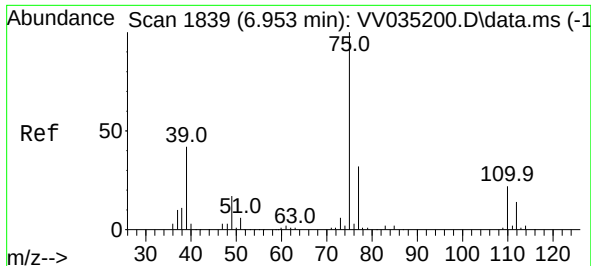
Tgt Ion: 63 Resp: 90289
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9



#38
Bromodichloromethane
Concen: 5.396 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53

Tgt Ion: 83 Resp: 106831
Ion Ratio Lower Upper
83 100
85 62.4 43.8 81.4
127 7.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.754 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

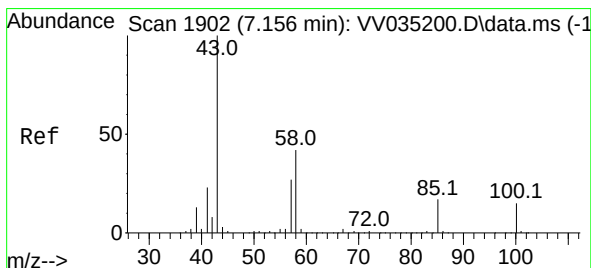
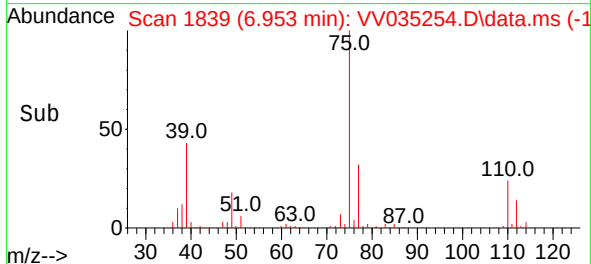
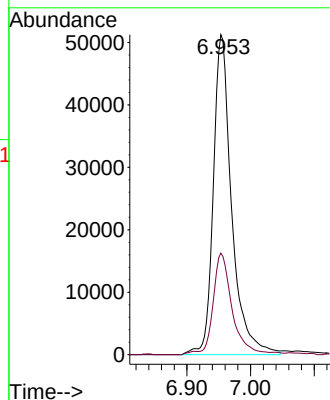
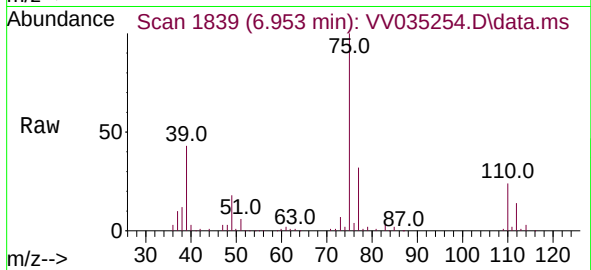
ClientSampleId :

Tgt Ion: 75 Resp: 102762

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 48.834 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

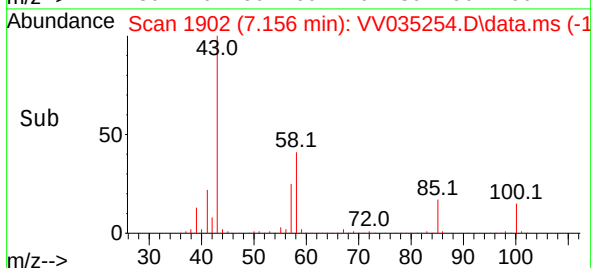
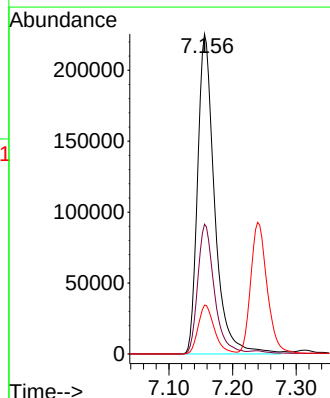
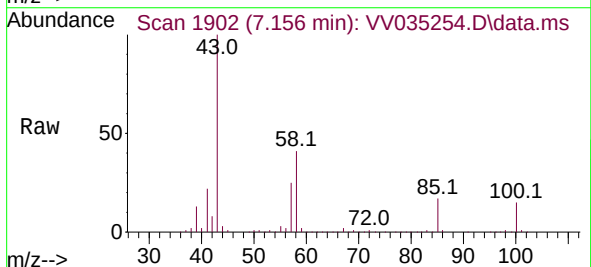
Tgt Ion: 43 Resp: 418361

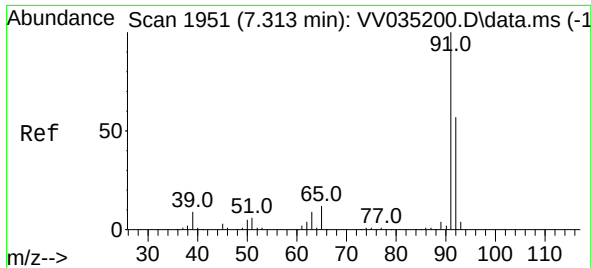
Ion Ratio Lower Upper

43 100

58 39.7 33.4 50.0

100 14.7 10.6 15.8





#42

Toluene

Concen: 5.572 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

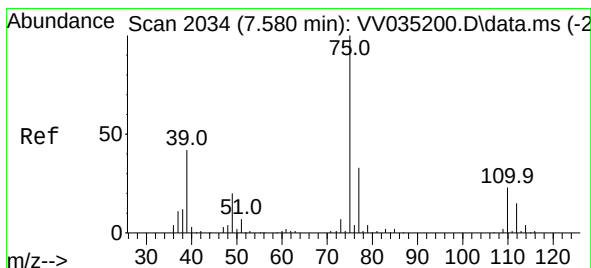
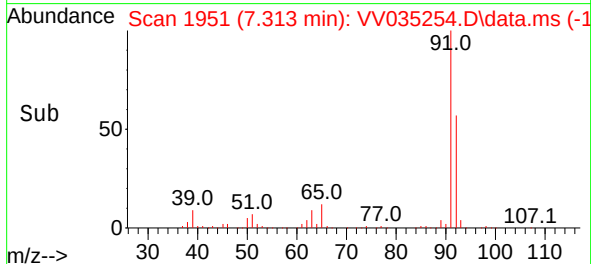
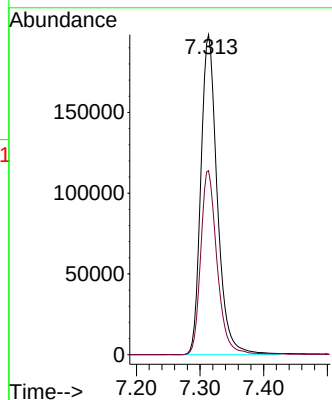
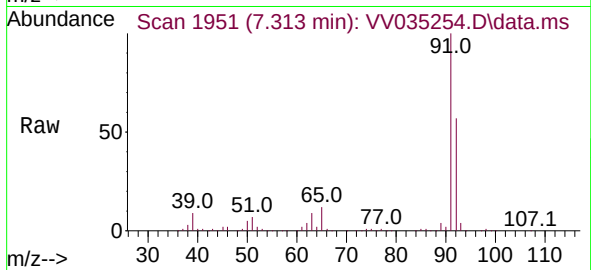
ClientSampleId :

Tgt Ion: 91 Resp: 355347

Ion Ratio Lower Upper

91 100

92 57.5 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.734 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV035254.D

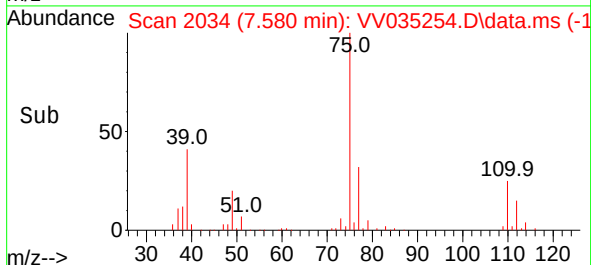
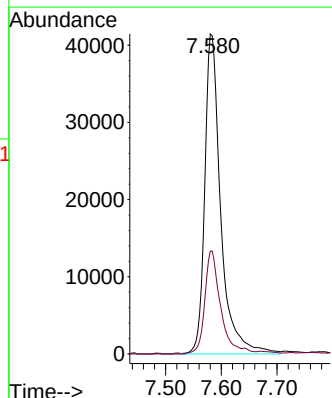
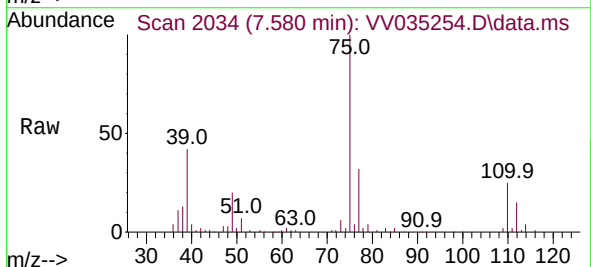
Acq: 17 Apr 2024 08:53

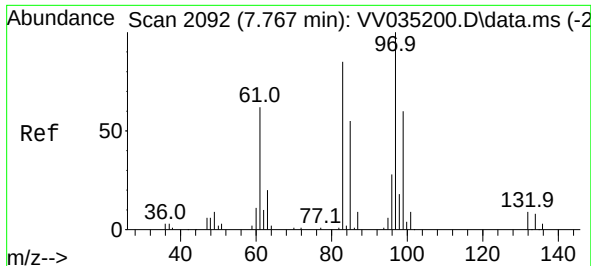
Tgt Ion: 75 Resp: 82721

Ion Ratio Lower Upper

75 100

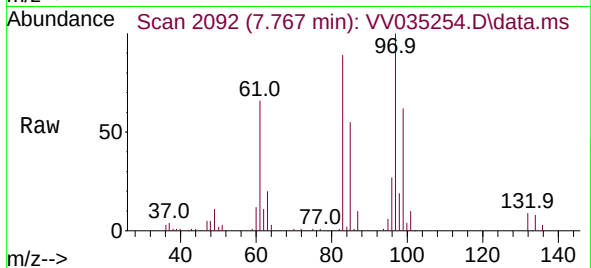
77 32.1 22.3 41.3





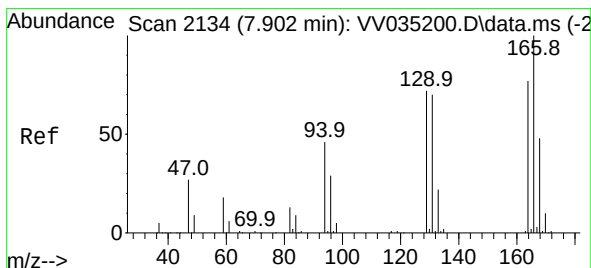
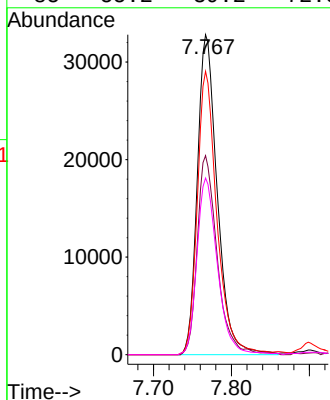
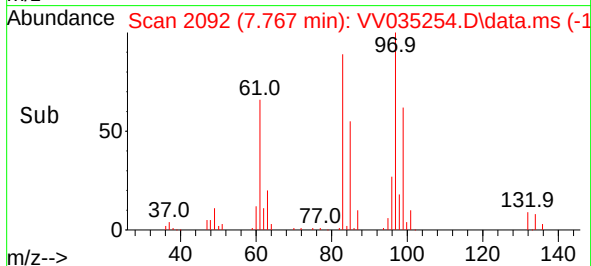
#45
1,1,2-Trichloroethane
Concen: 5.180 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53

Instrument :
MSVOA_V
ClientSampleId :

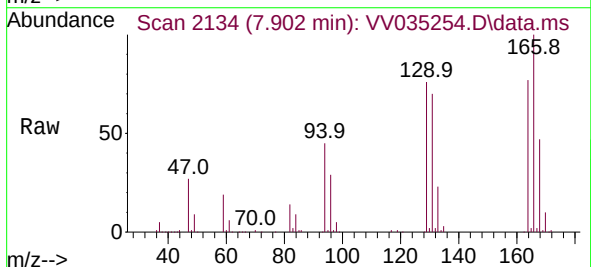


Tgt Ion: 97 Resp: 58444

Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.2	82.2
83	88.6	60.2	111.8
85	55.2	39.2	72.8

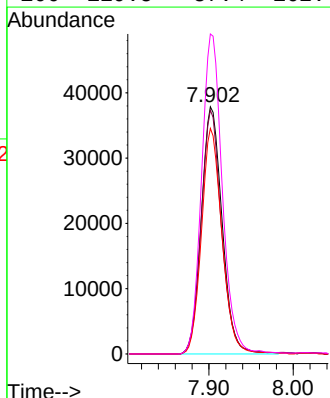
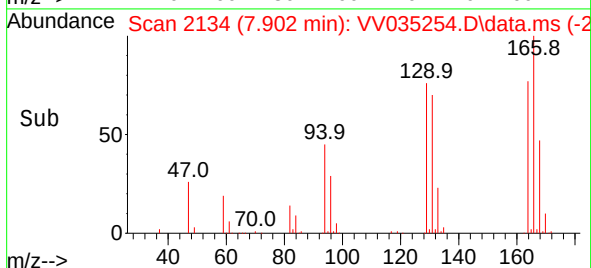


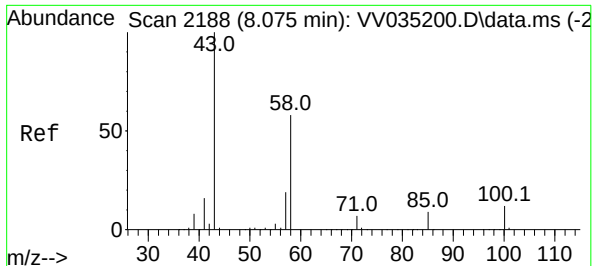
#47
Tetrachloroethene
Concen: 5.097 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53



Tgt Ion: 164 Resp: 65403

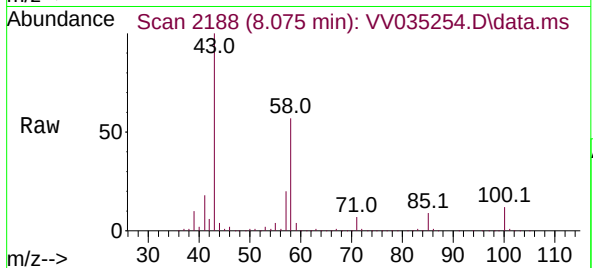
Ion	Ratio	Lower	Upper
164	100		
129	98.7	65.3	121.3
131	91.3	60.9	113.1
166	129.5	87.4	162.4



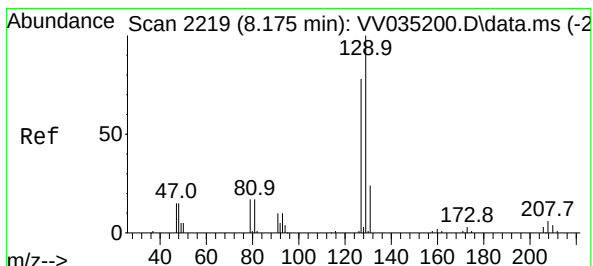
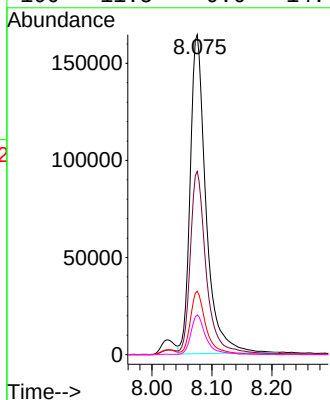
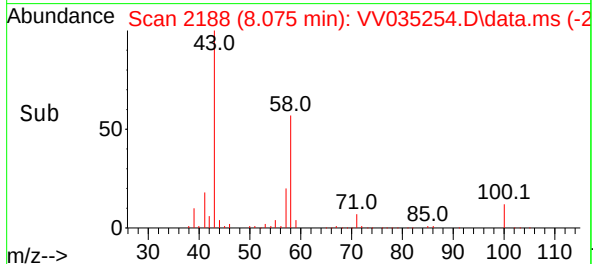


#48
2-Hexanone
Concen: 47.587 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53

Instrument :
MSVOA_V
ClientSampleId :

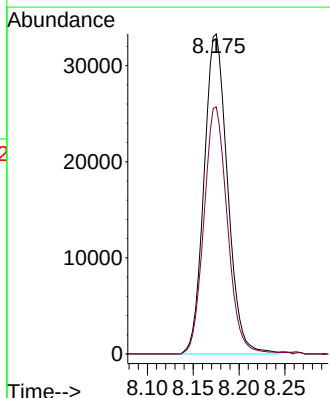
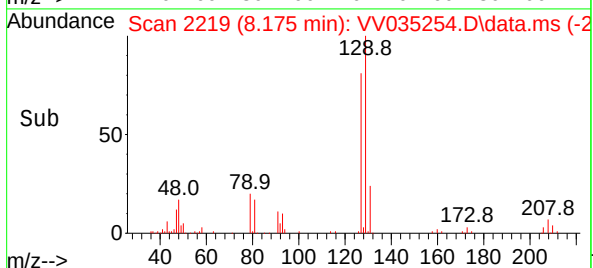
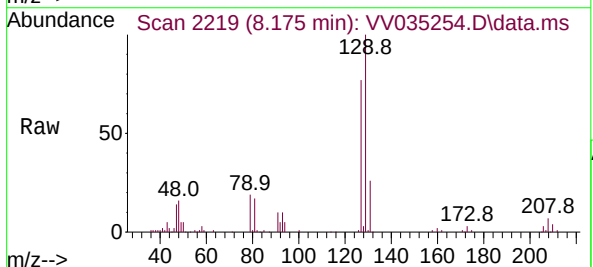


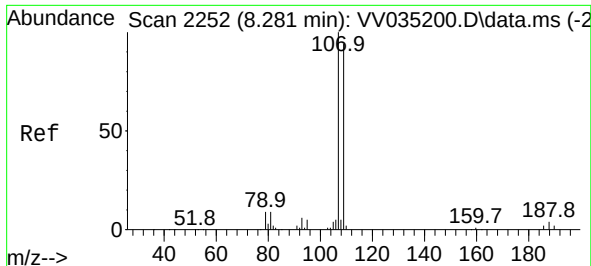
Tgt Ion: 43 Resp: 301585
Ion Ratio Lower Upper
43 100
58 57.4 45.2 67.8
57 19.1 15.5 23.3
100 11.5 9.6 14.4



#49
Dibromochloromethane
Concen: 5.092 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53

Tgt Ion: 129 Resp: 59349
Ion Ratio Lower Upper
129 100
127 77.2 55.2 102.6





#50

1,2-Dibromoethane

Concen: 4.957 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV035254.D

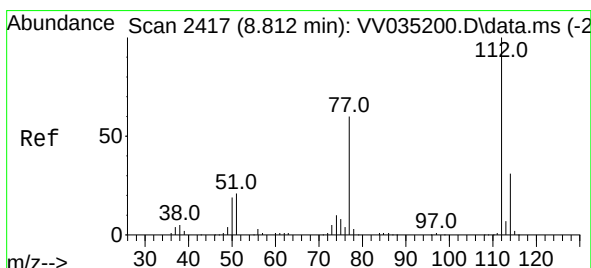
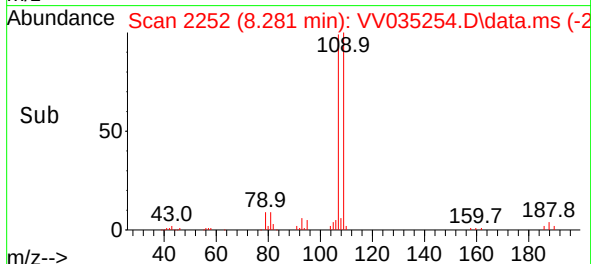
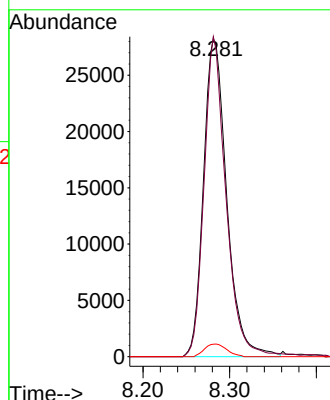
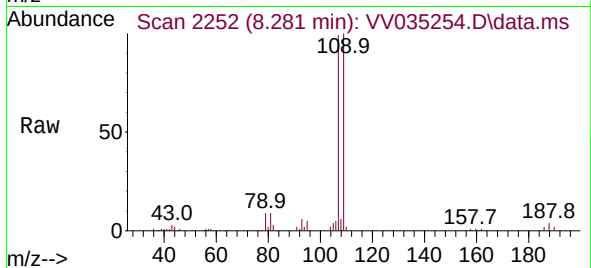
Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	52523
Ion	Ratio	Lower Upper
107	100	
109	100.6	69.1 128.3
188	3.9	2.8 4.2



#51

Chlorobenzene

Concen: 5.265 ug/L

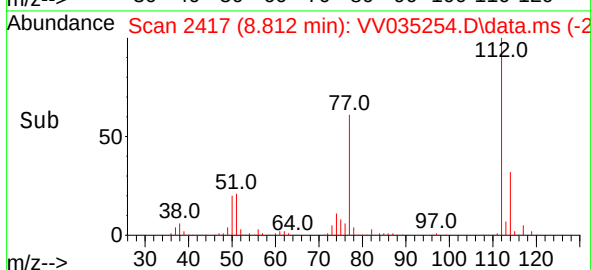
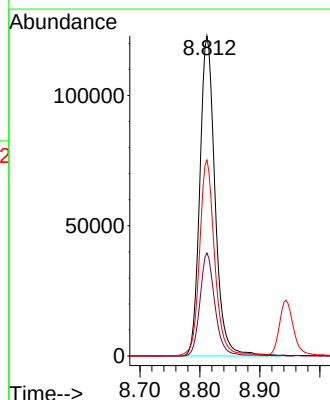
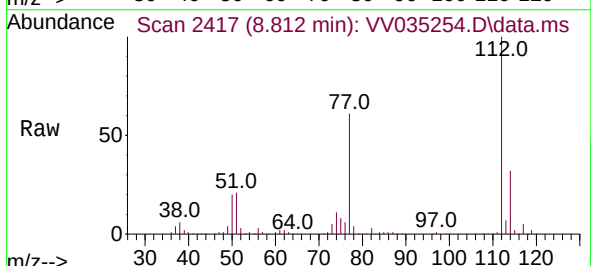
RT: 8.812 min Scan# 2417

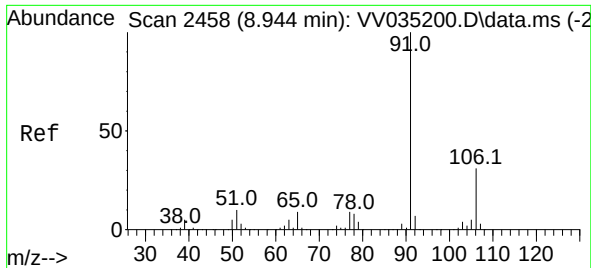
Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Tgt Ion:112	Resp:	217285
Ion	Ratio	Lower Upper
112	100	
114	32.2	22.0 41.0
77	61.3	49.0 73.6

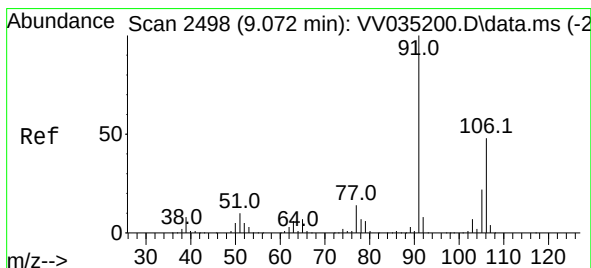
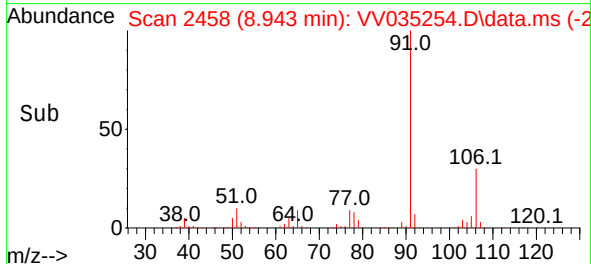
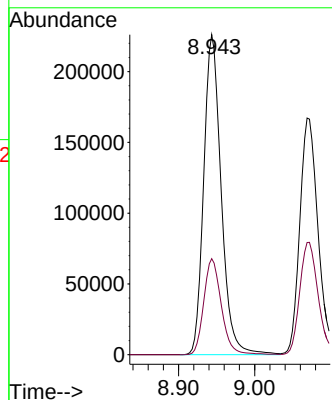
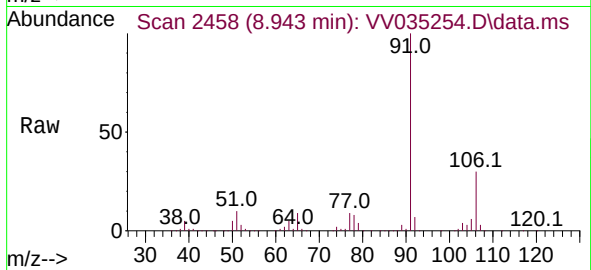




#52
Ethylbenzene
Concen: 5.286 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53

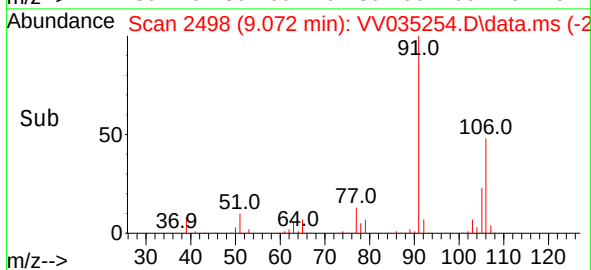
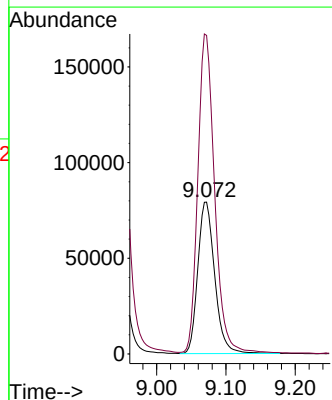
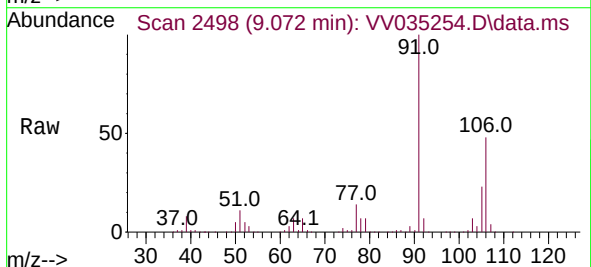
Instrument :
MSVOA_V
ClientSampleId :

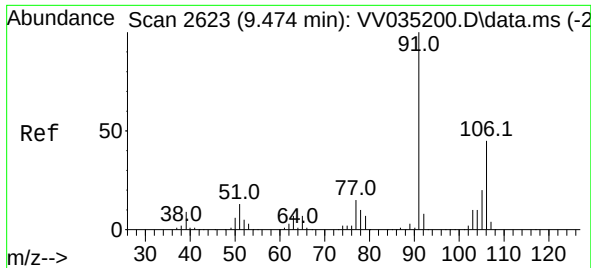
Tgt Ion: 91 Resp: 361199
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-Xylene
Concen: 5.356 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53

Tgt Ion: 106 Resp: 134836
Ion Ratio Lower Upper
106 100
91 209.9 147.1 273.3

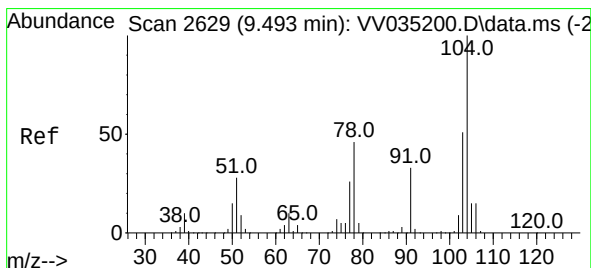
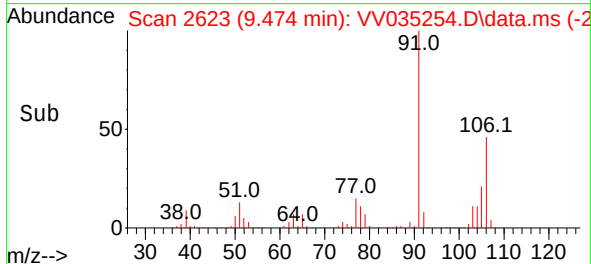
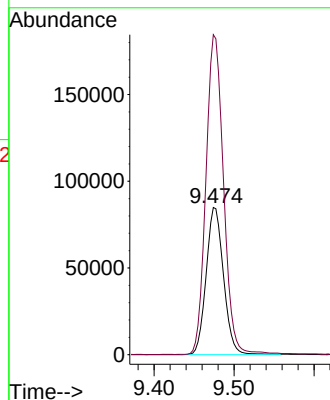
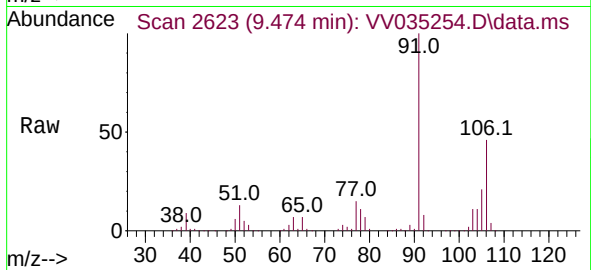




#54
o-Xylene
Concen: 5.291 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.003 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53

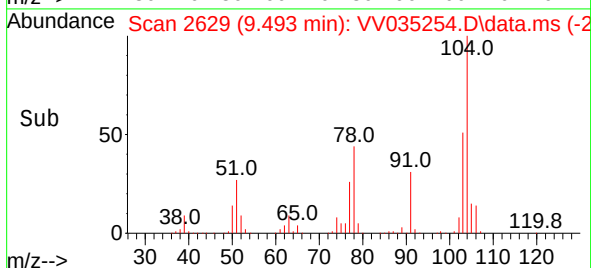
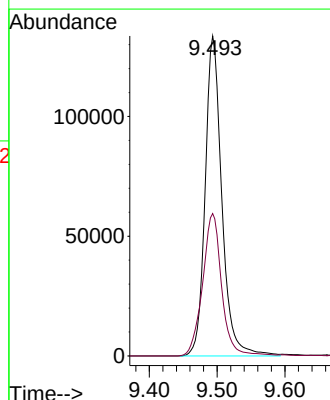
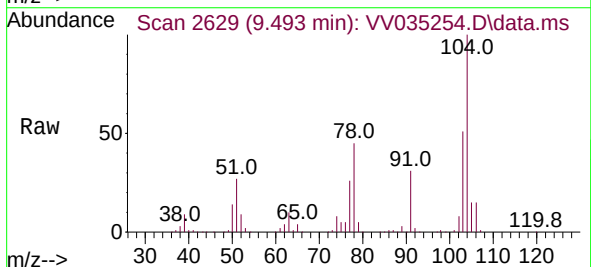
Instrument :
MSVOA_V
ClientSampleId :

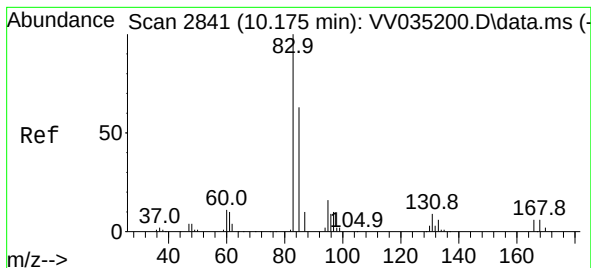
Tgt Ion:106 Resp: 128561
Ion Ratio Lower Upper
106 100
91 217.4 157.7 292.9



#55
Styrene
Concen: 5.598 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035254.D
Acq: 17 Apr 2024 08:53

Tgt Ion:104 Resp: 228830
Ion Ratio Lower Upper
104 100
78 44.5 32.4 60.2





#57

1,1,2,2-Tetrachloroethane

Concen: 4.876 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

ClientSampleId :

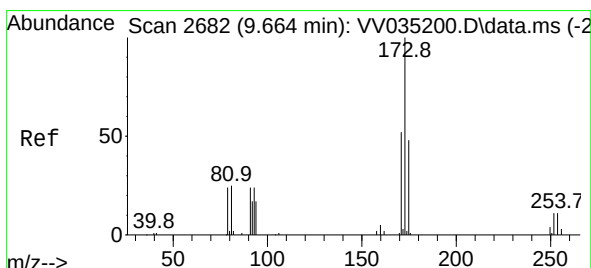
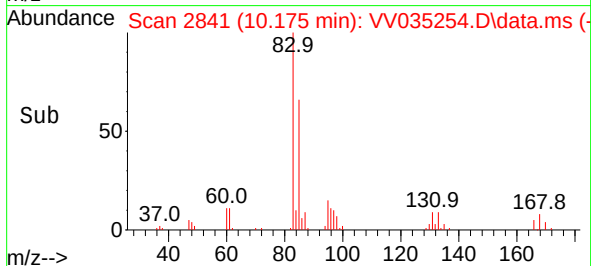
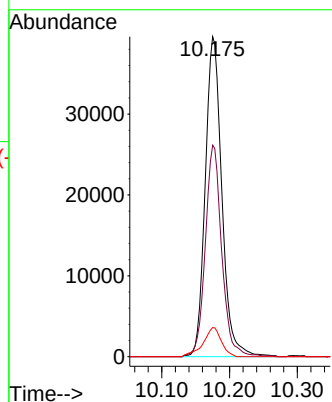
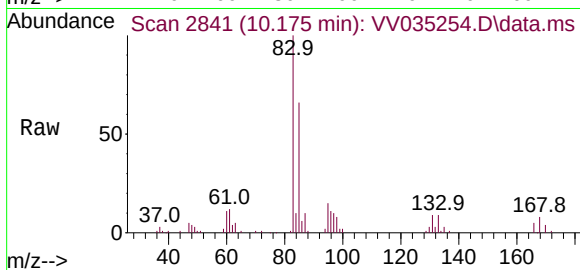
Tgt Ion: 83 Resp: 67426

Ion Ratio Lower Upper

83 100

85 66.1 44.9 83.5

131 9.1 7.8 11.6



#59

Bromoform

Concen: 5.181 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

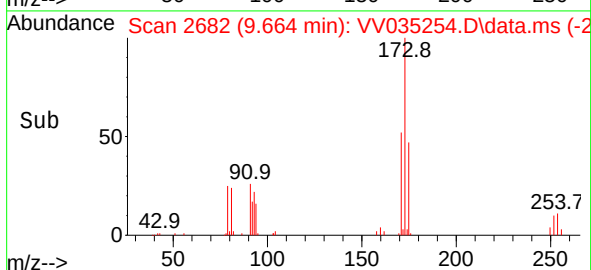
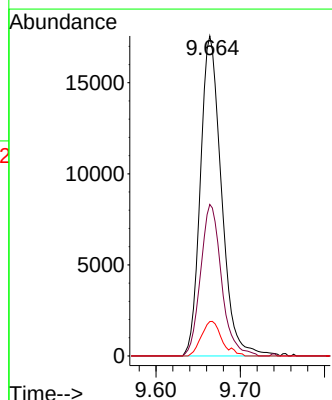
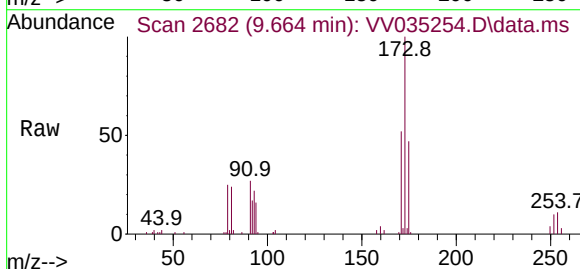
Tgt Ion: 173 Resp: 30604

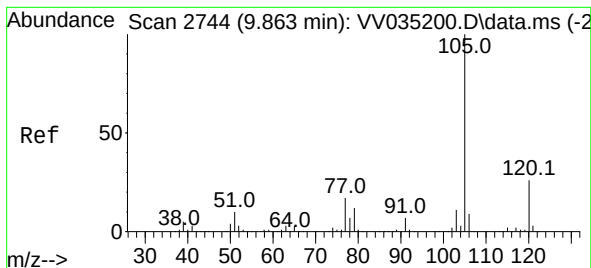
Ion Ratio Lower Upper

173 100

175 47.0 38.6 57.8

254 10.5 8.2 12.2





#60

Isopropylbenzene

Concen: 5.444 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

ClientSampleId :

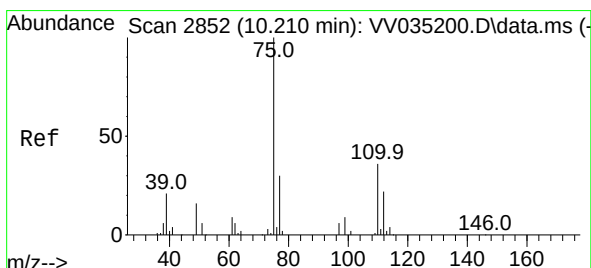
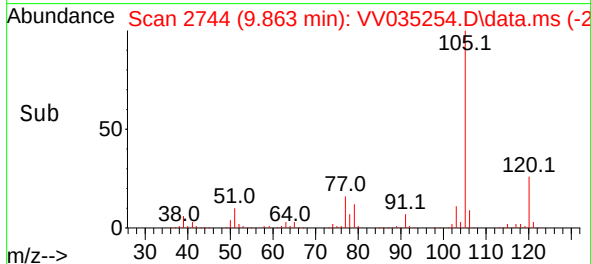
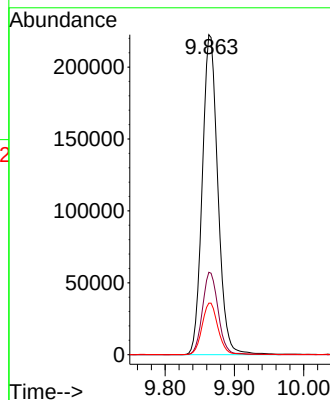
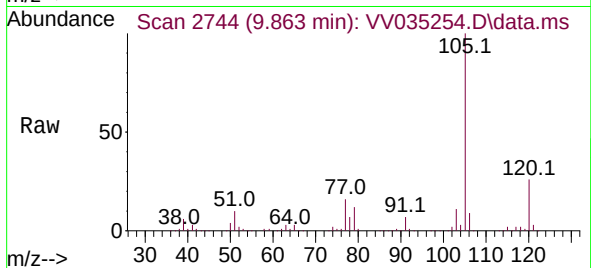
Tgt Ion:105 Resp: 346764

Ion Ratio Lower Upper

105 100

120 26.1 21.1 31.7

77 16.4 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 4.868 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

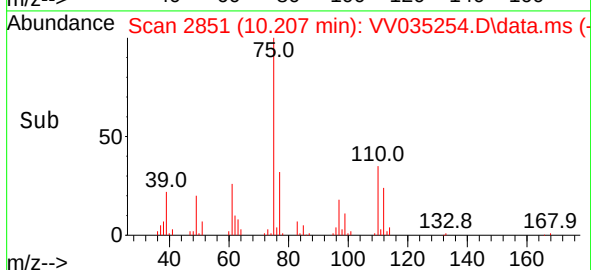
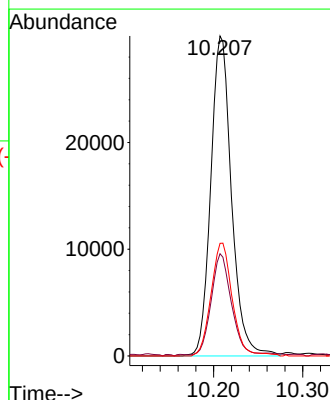
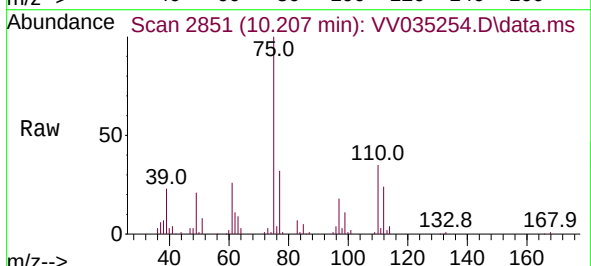
Tgt Ion: 75 Resp: 48464

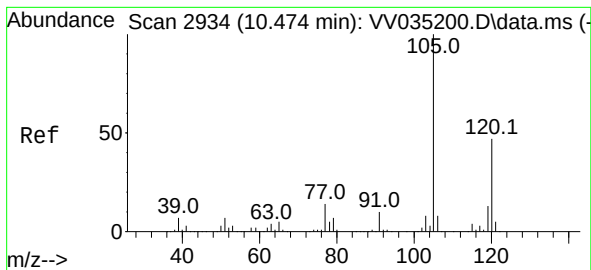
Ion Ratio Lower Upper

75 100

77 30.4 25.3 37.9

110 36.1 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 5.200 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

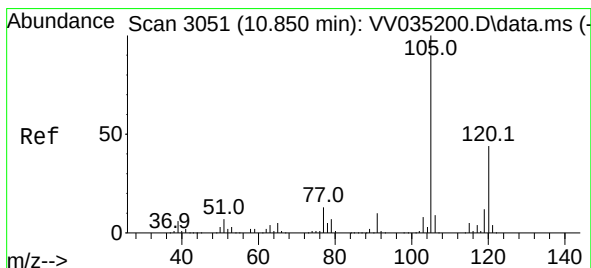
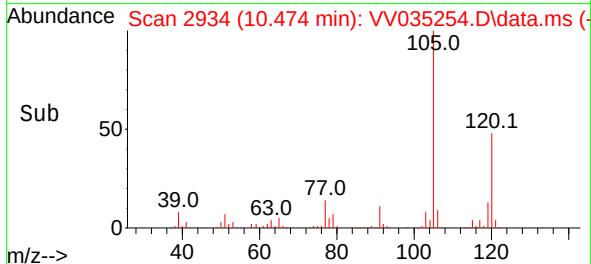
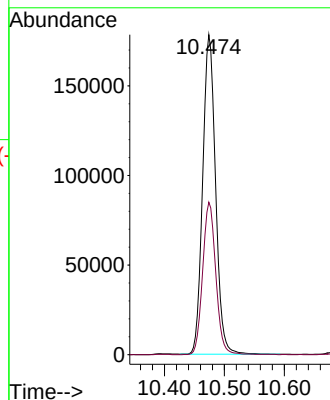
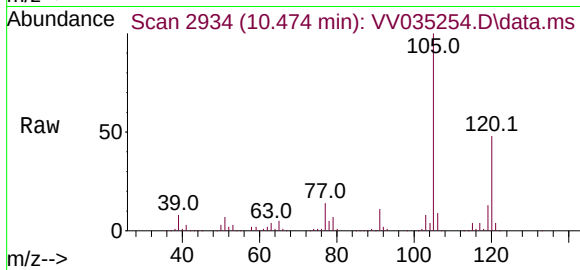
ClientSampleId :

Tgt Ion:105 Resp: 267455

Ion Ratio Lower Upper

105 100

120 48.7 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 5.302 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV035254.D

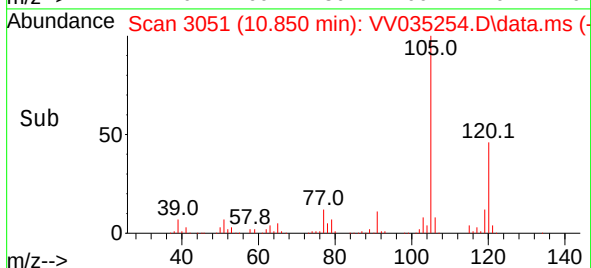
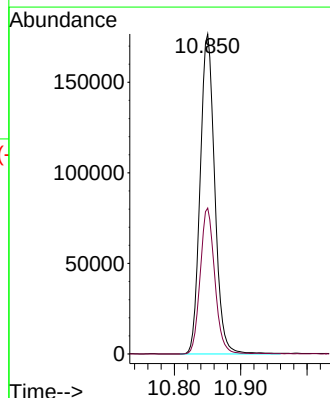
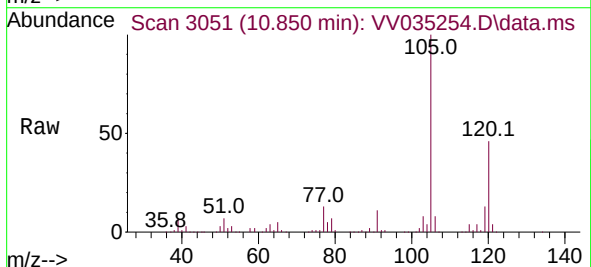
Acq: 17 Apr 2024 08:53

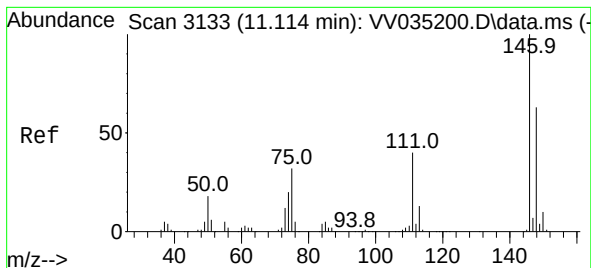
Tgt Ion:105 Resp: 269484

Ion Ratio Lower Upper

105 100

120 45.5 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 5.277 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

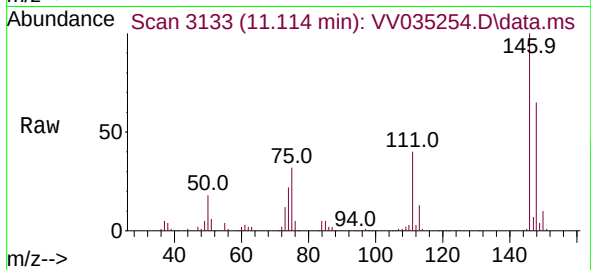
Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

ClientSampleId :



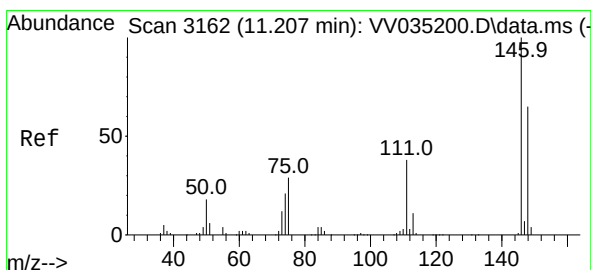
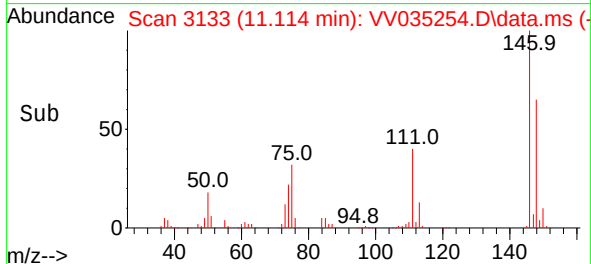
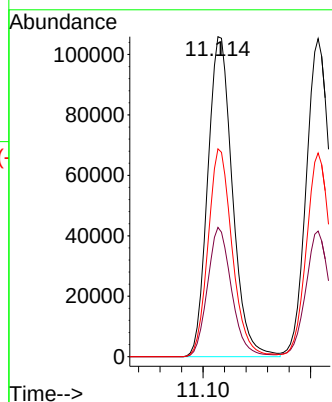
Tgt Ion:146 Resp: 169162

Ion Ratio Lower Upper

146 100

111 40.4 27.6 51.2

148 64.9 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 5.071 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

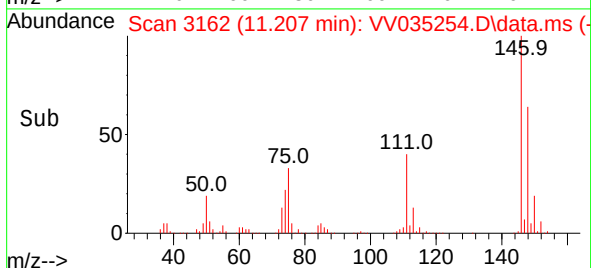
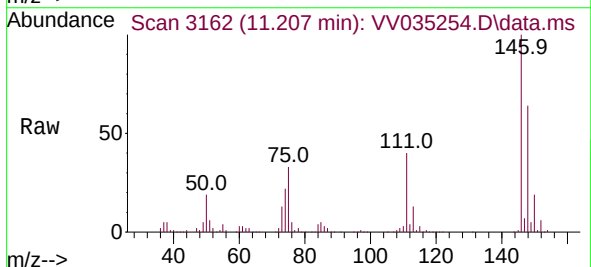
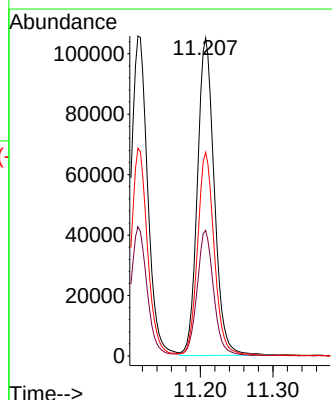
Tgt Ion:146 Resp: 169796

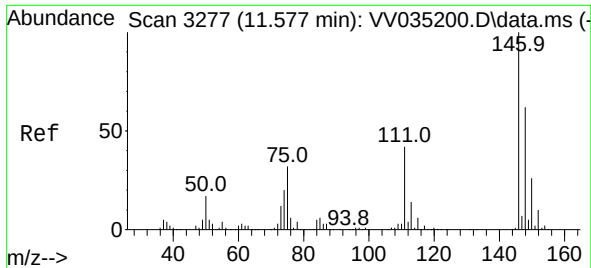
Ion Ratio Lower Upper

146 100

111 39.5 27.1 50.3

148 64.1 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.098 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

ClientSampleId :

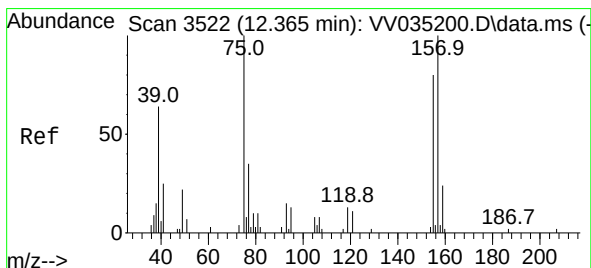
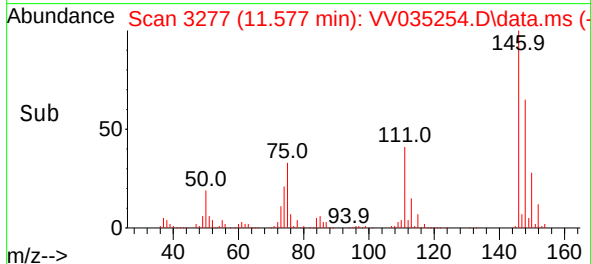
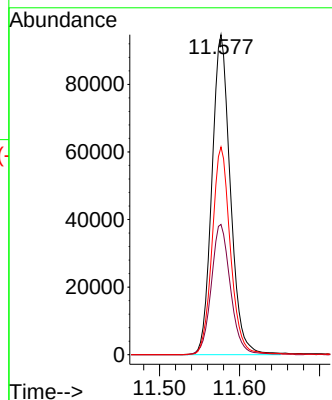
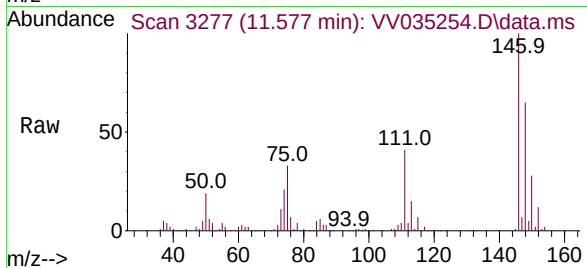
Tgt Ion:146 Resp: 151756

Ion Ratio Lower Upper

146 100

111 40.7 33.7 50.5

148 64.9 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.833 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.003 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

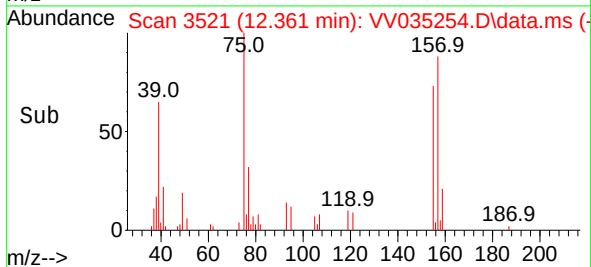
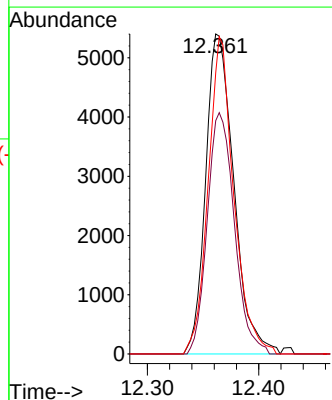
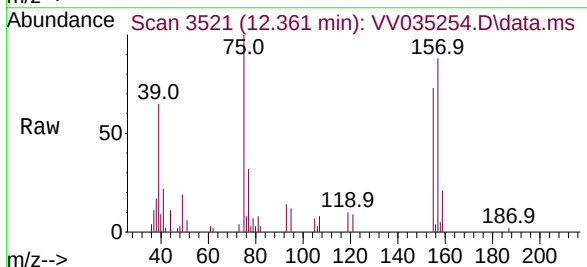
Tgt Ion: 75 Resp: 9498

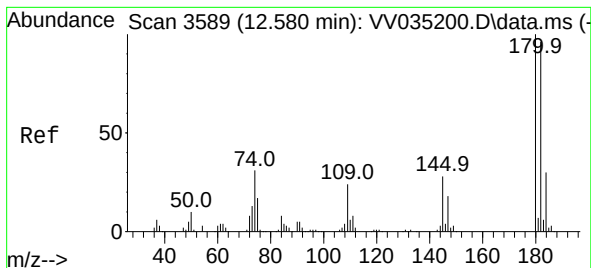
Ion Ratio Lower Upper

75 100

155 72.9 66.8 100.2

157 87.9 88.8 133.2#





#69

1,3,5-Trichlorobenzene

Concen: 4.899 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

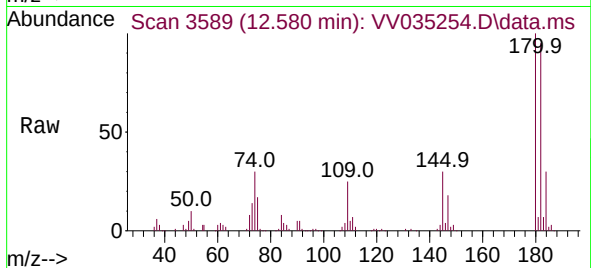
Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 119214

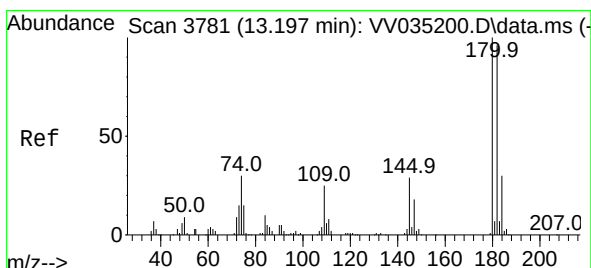
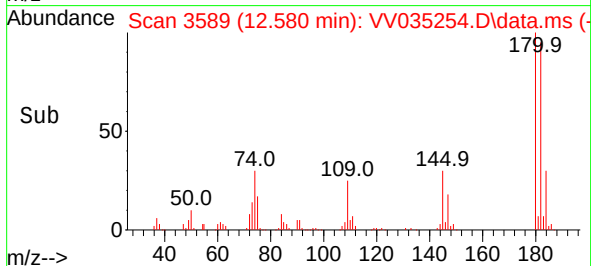
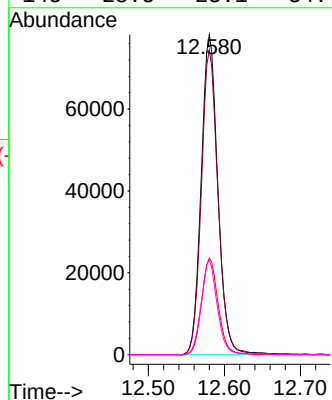
Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.2

184 29.8 24.0 36.0

145 28.5 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.449 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

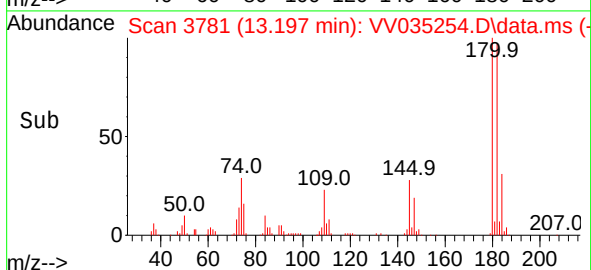
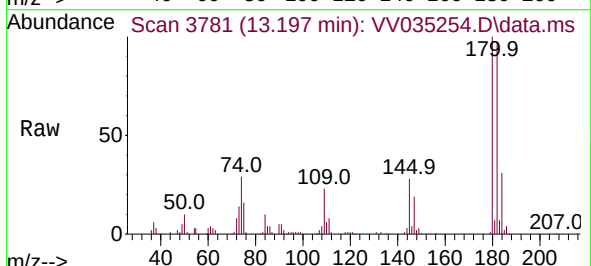
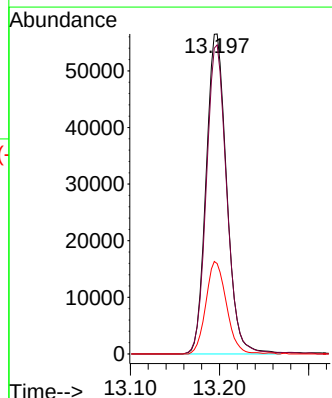
Tgt Ion:180 Resp: 90300

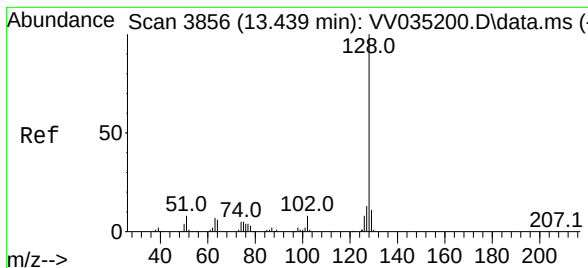
Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

145 28.9 23.5 35.3





#71

Naphthalene

Concen: 3.648 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Instrument :

MSVOA_V

ClientSampleId :

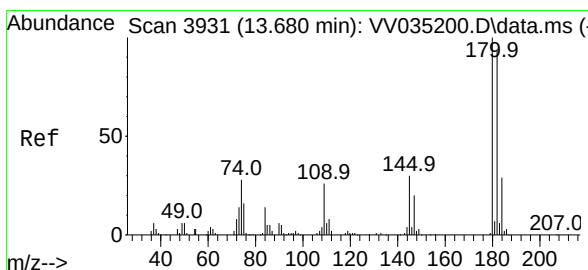
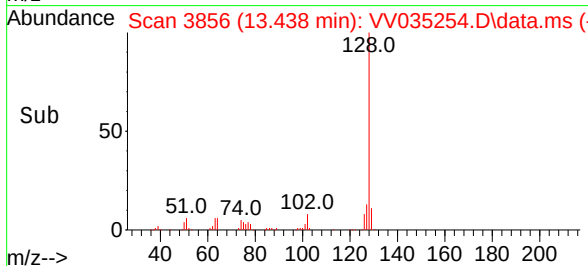
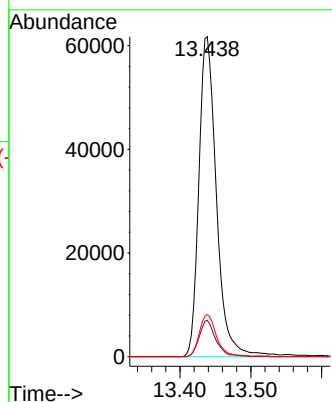
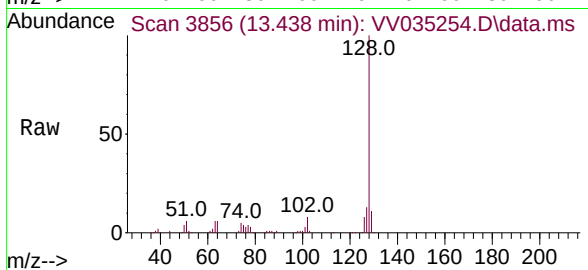
Tgt Ion:128 Resp: 106375

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

127 12.9 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 4.649 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.003 min

Lab File: VV035254.D

Acq: 17 Apr 2024 08:53

Tgt Ion:180 Resp: 83766

Ion Ratio Lower Upper

180 100

182 95.7 75.9 113.9

145 29.2 25.3 37.9

