

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040424\
 Data File : VV034964.D
 Acq On : 04 Apr 2024 09:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 21:30:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 02:07:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	375994	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	380821	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	198084	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	161033	44.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.700%
7) Chloroethane-d5	1.532	69	142238	45.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.060	65	73836	46.387	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.780%
21) 2-Butanone-d5	3.793	46	200539	93.119	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.120%
24) Chloroform-d	4.243	84	297560	48.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.480%
26) 1,2-Dichloroethane-d4	4.937	65	182620	47.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.220%
32) Benzene-d6	4.957	84	579531	45.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	5.982	67	186108	45.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.640%
41) Toluene-d8	7.240	98	530663	46.063	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.120%
43) trans-1,3-Dichloroprop...	7.548	79	70729	35.817	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.640%
47) 2-Hexanone-d5	8.024	63	122776	79.943	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.940%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	252022	45.054	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.100%
66) 1,2-Dichlorobenzene-d4	11.558	152	199573	44.874	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	129773	47.621	ug/L	99
3) Chloromethane	1.217	50	158484	45.238	ug/L	100
5) Vinyl chloride	1.285	62	171671	46.742	ug/L	100
6) Bromomethane	1.491	94	105686	38.389	ug/L	99
8) Chloroethane	1.552	64	122036	48.652	ug/L	98
9) Trichlorofluoromethane	1.712	101	241021	50.000	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	145014	49.150	ug/L	99
12) 1,1-Dichloroethene	2.069	96	136559	48.394	ug/L	94
13) Acetone	2.127	43	153003	77.386	ug/L	98
14) Carbon disulfide	2.240	76	342709	43.127	ug/L	100
15) Methyl Acetate	2.375	43	167498	53.759	ug/L	100
16) Methylene chloride	2.446	84	161283	52.749	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	133553	48.953	ug/L	97
18) Methyl tert-butyl Ether	2.700	73	491264	51.266	ug/L	99
19) 1,1-Dichloroethane	3.108	63	297665	53.205	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	158501	51.162	ug/L	97
22) 2-Butanone	3.873	43	209867	91.475	ug/L	100
23) Bromochloromethane	4.143	128	82161	53.007	ug/L	96
25) Chloroform	4.272	83	299028	54.061	ug/L	98

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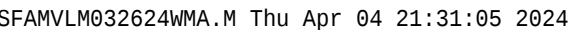
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 ClientSampleId :

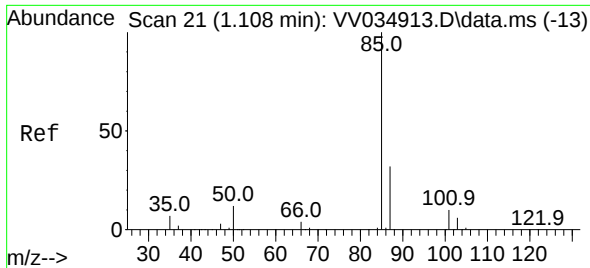
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 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 02:07:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	235450	53.463	ug/L	99
29) Cyclohexane	4.581	56	217115	45.519	ug/L	100
30) 1,1,1-Trichloroethane	4.507	97	244911	49.337	ug/L	98
31) Carbon tetrachloride	4.732	117	212587	50.527	ug/L	98
33) Benzene	5.005	78	611105	49.211	ug/L	100
34) Trichloroethene	5.828	95	169137	50.469	ug/L	98
35) Methylcyclohexane	6.047	83	223063	44.072	ug/L	100
37) 1,2-Dichloropropane	6.088	63	174301	50.791	ug/L	99
38) Bromodichloromethane	6.426	83	224525	50.708	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	216154	39.983	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	437924	99.947	ug/L	99
42) Toluene	7.310	91	656272	50.479	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	205234	41.322	ug/L	96
45) 1,1,2-Trichloroethane	7.764	97	169401	52.372	ug/L	99
46) Tetrachloroethene	7.902	164	116419	49.723	ug/L	97
48) 2-Hexanone	8.072	43	351644	94.362	ug/L	98
49) Dibromochloromethane	8.172	129	168782	52.685	ug/L	98
50) 1,2-Dibromoethane	8.278	107	174706	50.168	ug/L	98
51) Chlorobenzene	8.809	112	419616	49.799	ug/L	99
52) Ethylbenzene	8.944	91	721015	50.040	ug/L	100
53) m,p-Xylene	9.069	106	268803	50.658	ug/L	99
54) o-Xylene	9.474	106	262688	50.034	ug/L	96
55) Styrene	9.493	104	469942	52.968	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	259329	49.483	ug/L	99
59) Bromoform	9.661	173	124179	54.705	ug/L	99
60) Isopropylbenzene	9.863	105	715453	50.101	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	216307	50.393	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	461435	49.754	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	578612	50.461	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	335358	50.253	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	341325	50.296	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	344414	51.808	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	58331	49.327	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	233944	48.641	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	210203	47.580	ug/L	99
71) Naphthalene	13.435	128	494846	40.372	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	214551	49.267	ug/L	100

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

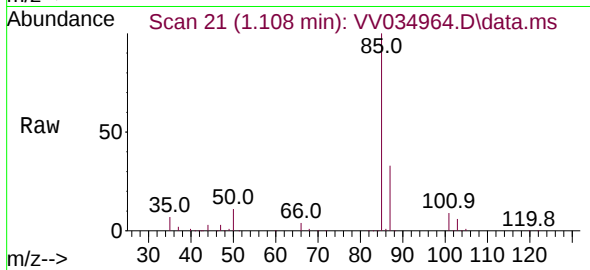
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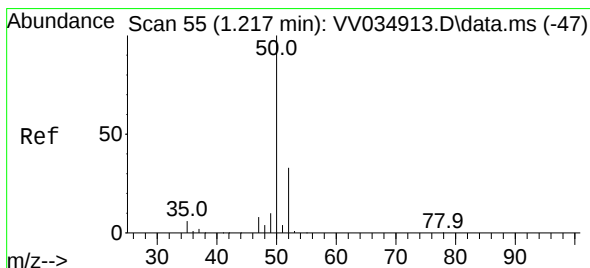
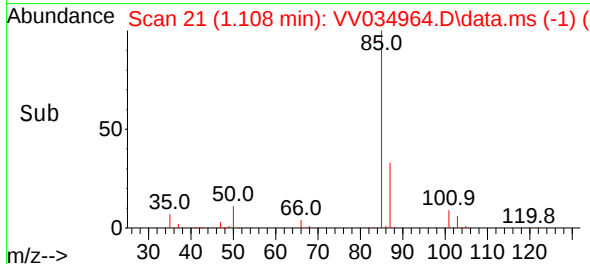
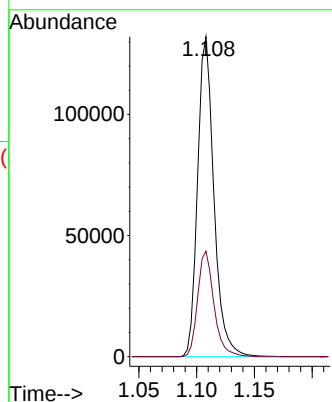


#2
 Dichlorodifluoromethane
 Concen: 47.621 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034964.D
 Acq: 04 Apr 2024 09:00

Instrument :
 MSVOA_V
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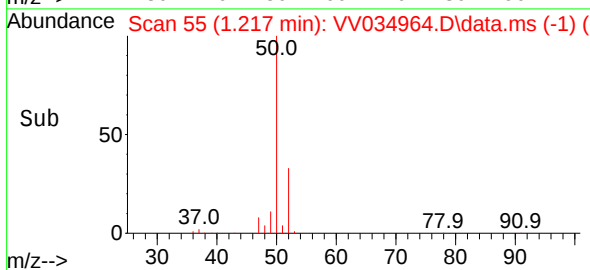
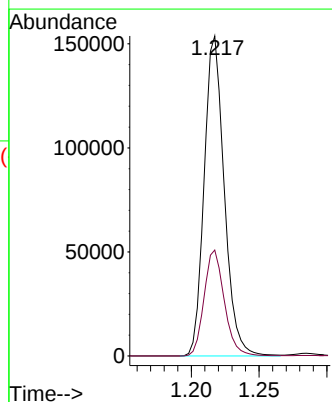
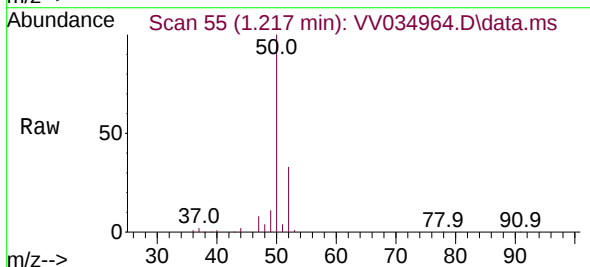


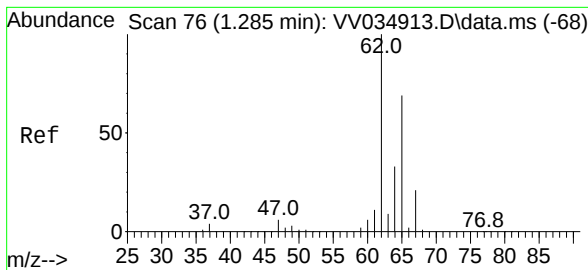
Tgt Ion: 85 Resp: 129773
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.7 38.5



#3
 Chloromethane
 Concen: 45.238 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034964.D
 Acq: 04 Apr 2024 09:00

Tgt Ion: 50 Resp: 158484
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.8

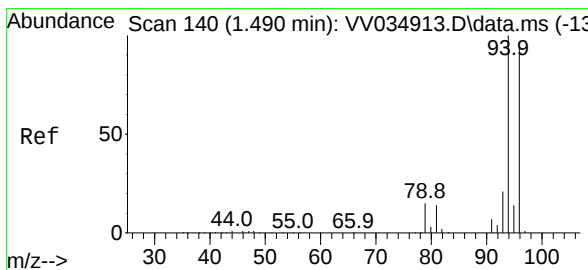
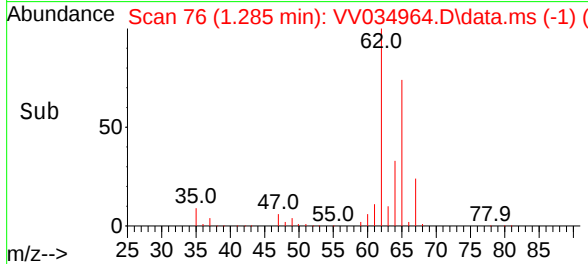
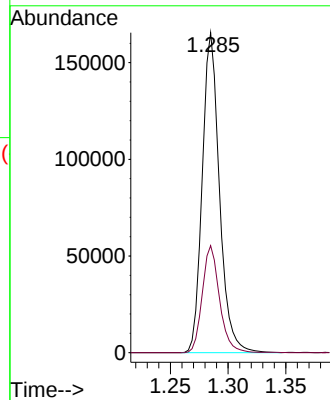
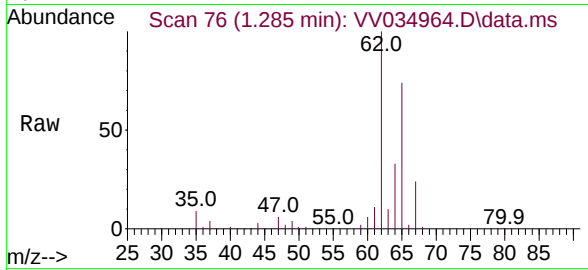




#5
 Vinyl chloride
 Concen: 46.742 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV034964.D
 Acq: 04 Apr 2024 09:00

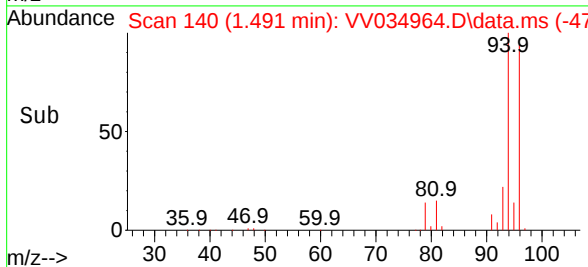
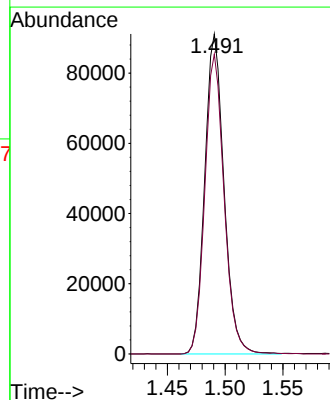
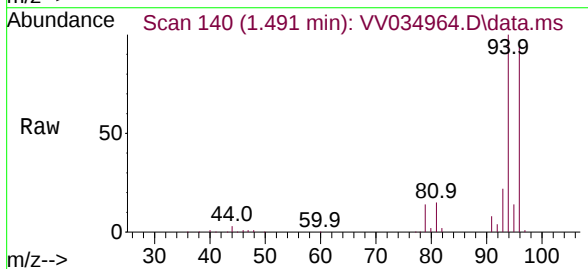
Instrument :
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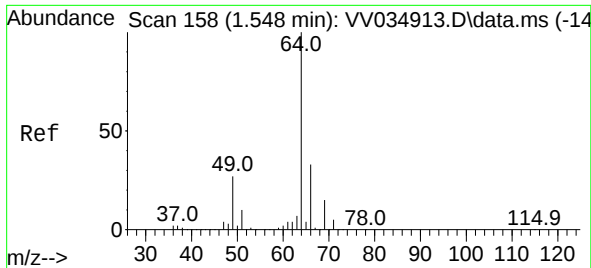
Tgt Ion: 62 Resp: 171671
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.6 43.8



#6
 Bromomethane
 Concen: 38.389 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV034964.D
 Acq: 04 Apr 2024 09:00

Tgt Ion: 94 Resp: 105686
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.3 123.1

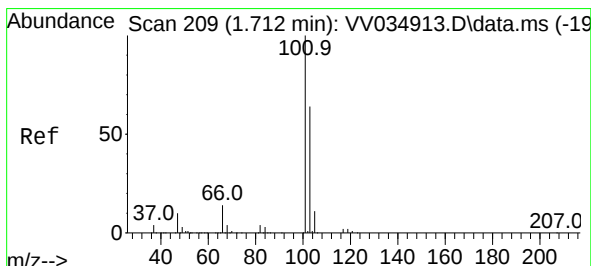
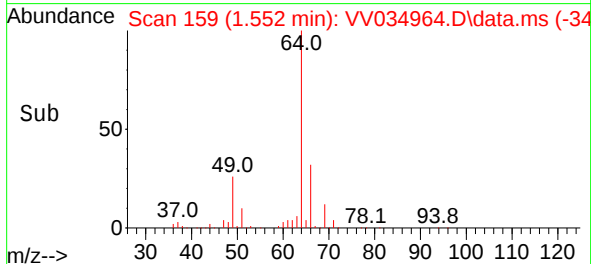
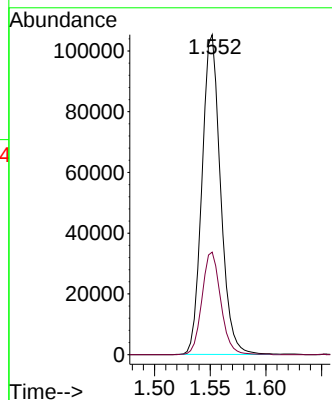
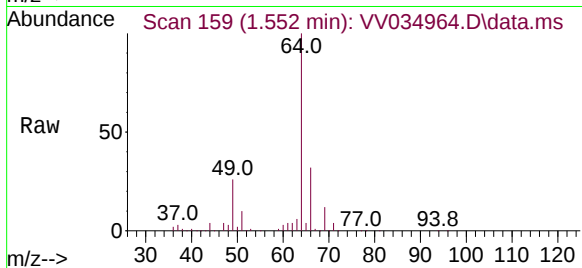




#8
Chloroethane
Concen: 48.652 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

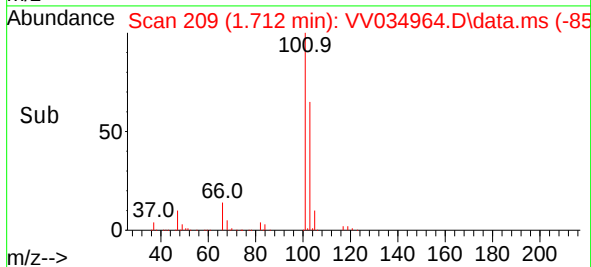
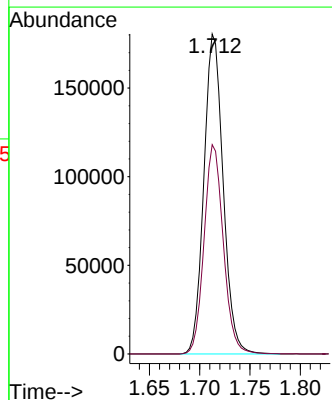
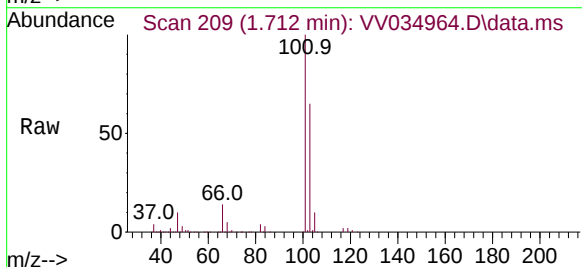
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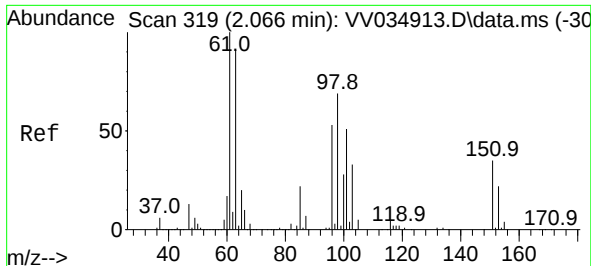
Tgt Ion: 64 Resp: 122036
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 50.000 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

Tgt Ion:101 Resp: 241021
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4





#10

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

Concen: 49.150 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

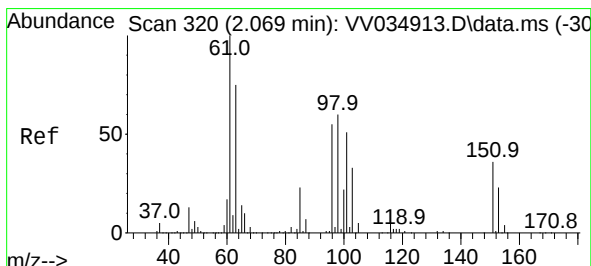
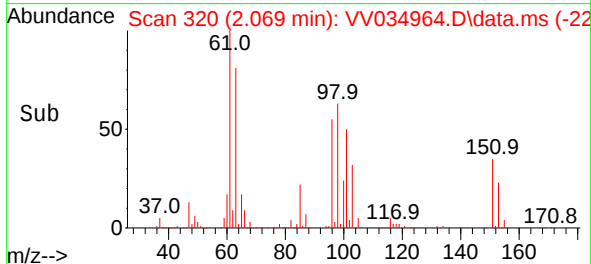
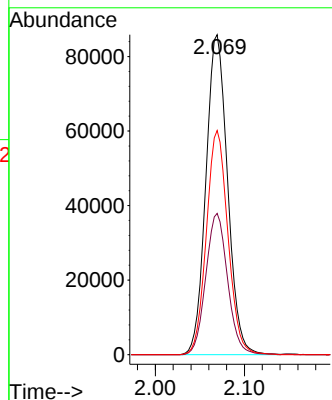
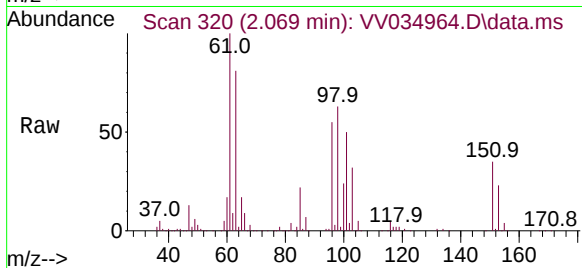
Tgt Ion:101 Resp: 145014

Ion Ratio Lower Upper

101 100

85 44.5 35.3 52.9

151 69.7 55.0 82.4



#12

1,1-Dichloroethene

Concen: 48.394 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

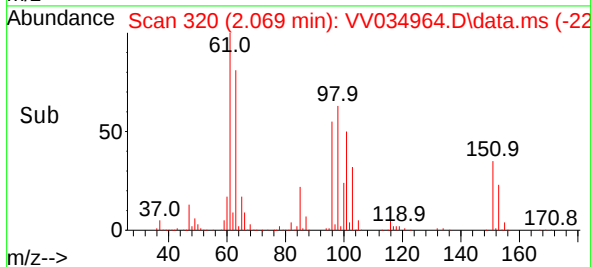
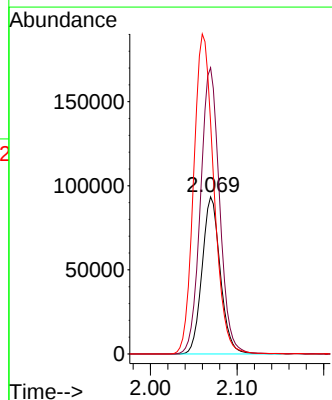
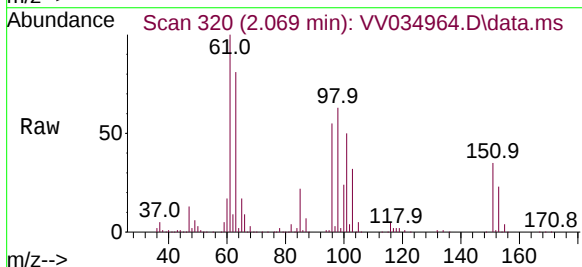
Tgt Ion: 96 Resp: 136559

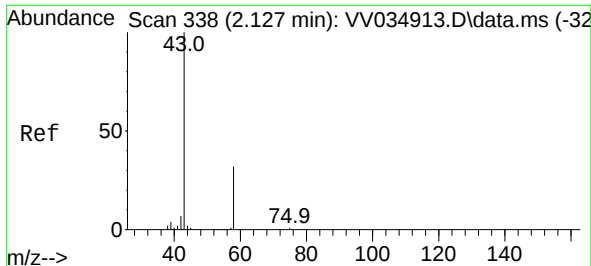
Ion Ratio Lower Upper

96 100

61 182.2 131.5 244.3

63 147.4 111.4 206.8





#13

Acetone

Concen: 77.386 ug/L

RT: 2.127 min Scan# 338

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

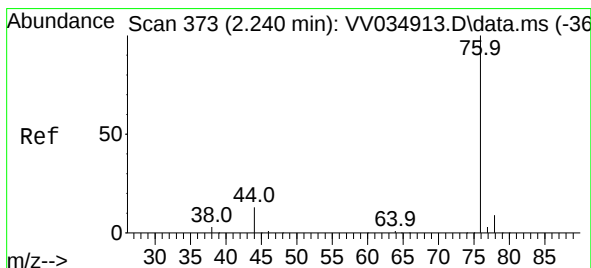
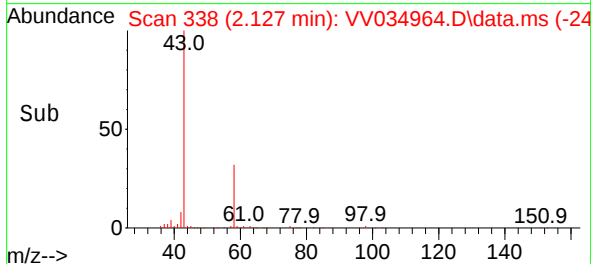
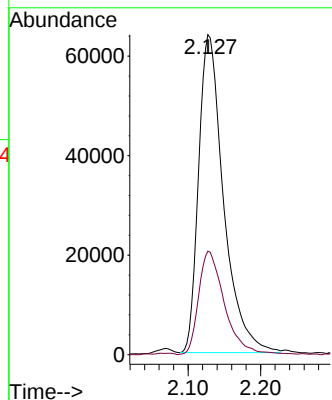
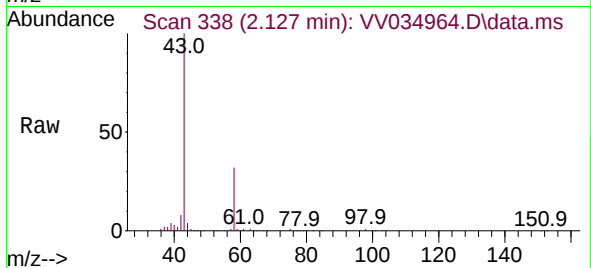
ClientSampleId :

Tgt Ion: 43 Resp: 153003

Ion Ratio Lower Upper

43 100

58 33.9 0.0 66.0



#14

Carbon disulfide

Concen: 43.127 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034964.D

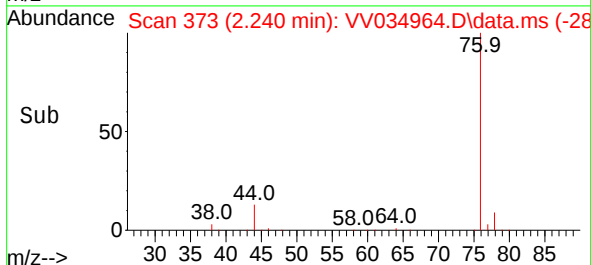
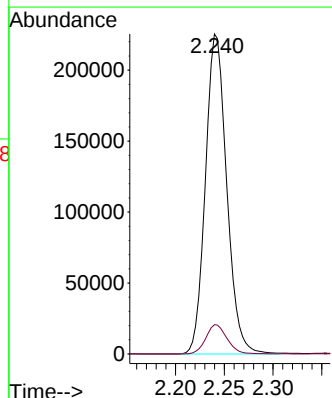
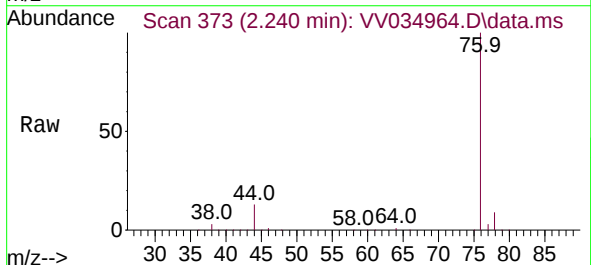
Acq: 04 Apr 2024 09:00

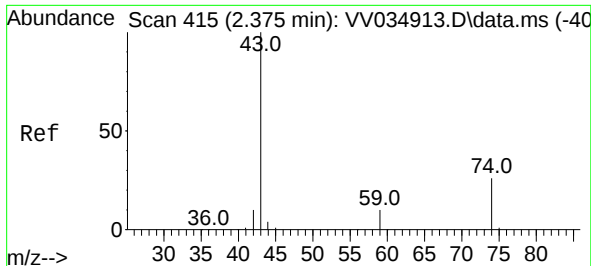
Tgt Ion: 76 Resp: 342709

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 53.759 ug/L

RT: 2.375 min Scan# 415

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

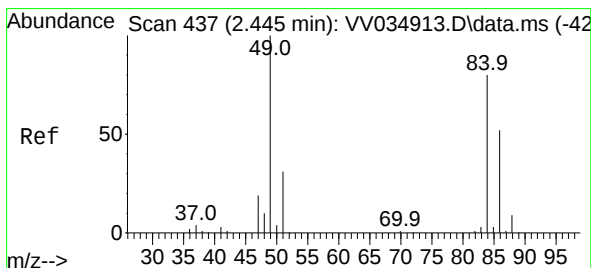
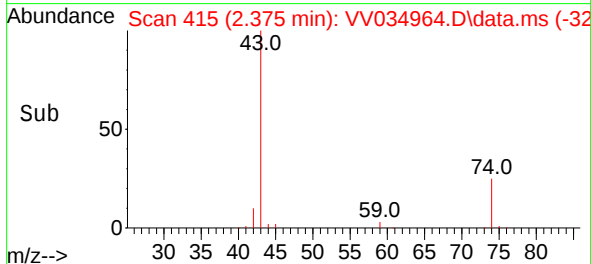
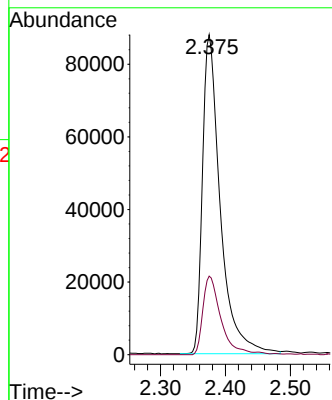
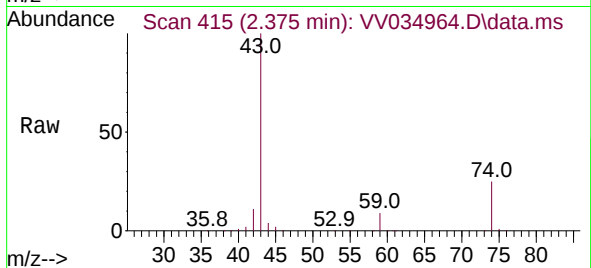
ClientSampleId :

Tgt Ion: 43 Resp: 167498

Ion Ratio Lower Upper

43 100

74 24.6 19.8 29.8



#16

Methylene chloride

Concen: 52.749 ug/L

RT: 2.446 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

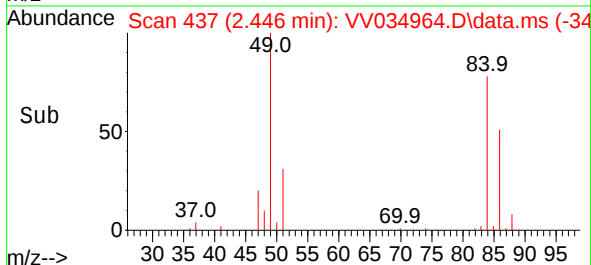
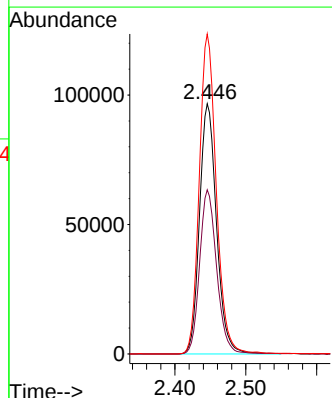
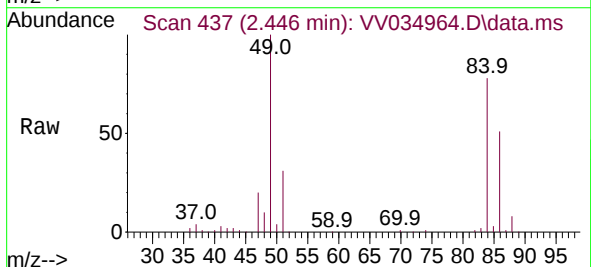
Tgt Ion: 84 Resp: 161283

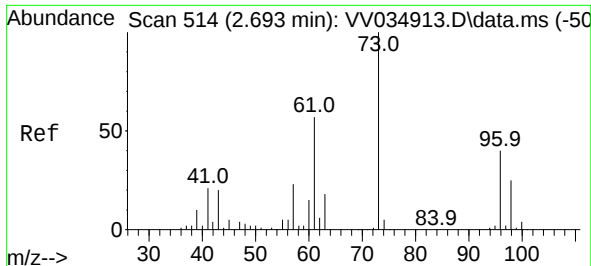
Ion Ratio Lower Upper

84 100

86 65.6 44.6 82.8

49 127.9 86.9 161.3





#17

trans-1,2-Dichloroethene

Concen: 48.953 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

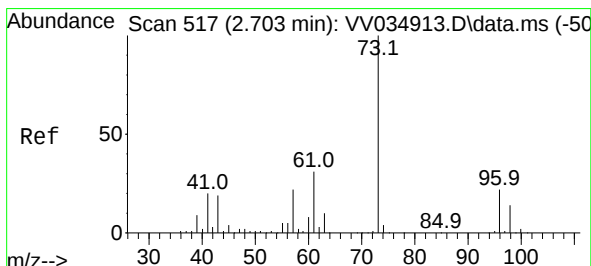
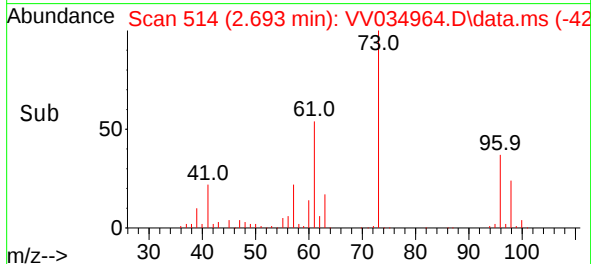
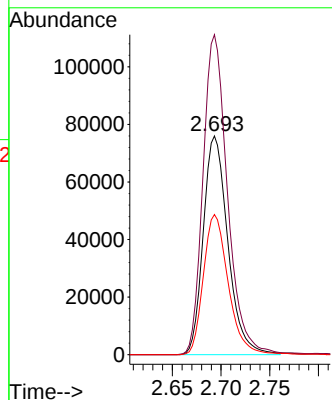
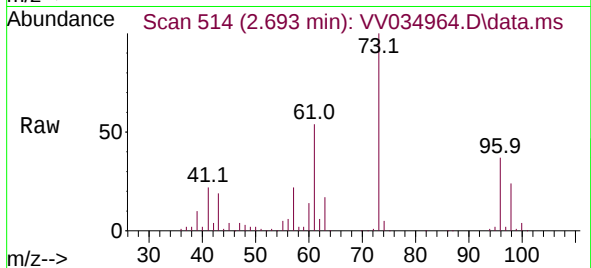
Tgt Ion: 96 Resp: 133553

Ion Ratio Lower Upper

96 100

61 146.3 99.0 183.8

98 64.1 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 51.266 ug/L

RT: 2.700 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

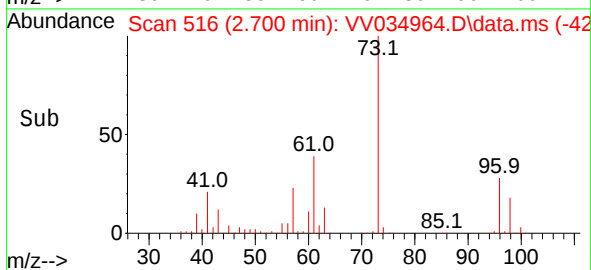
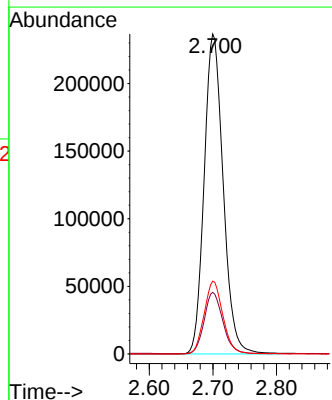
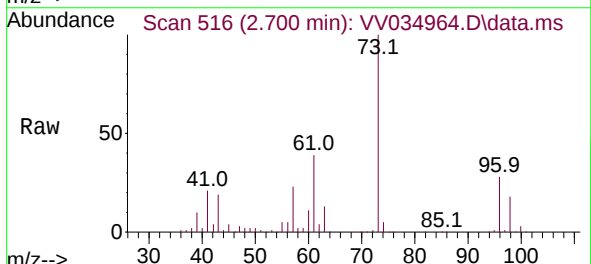
Tgt Ion: 73 Resp: 491264

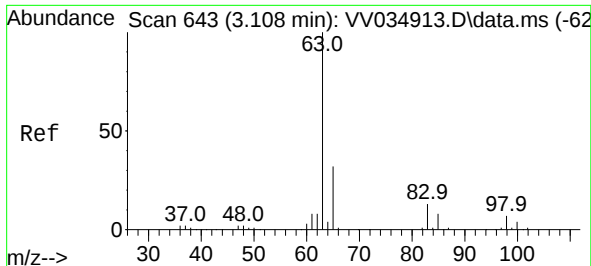
Ion Ratio Lower Upper

73 100

43 18.7 14.6 21.8

57 22.4 17.6 26.4

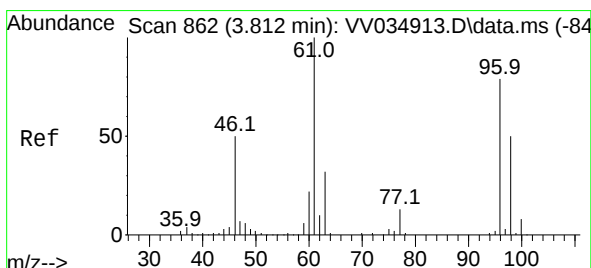
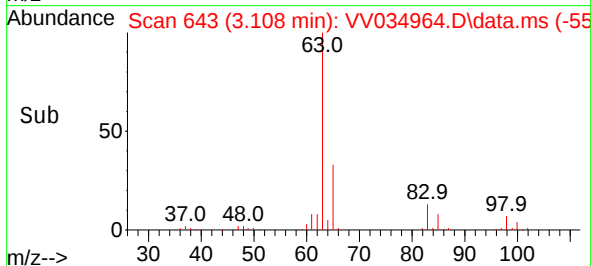
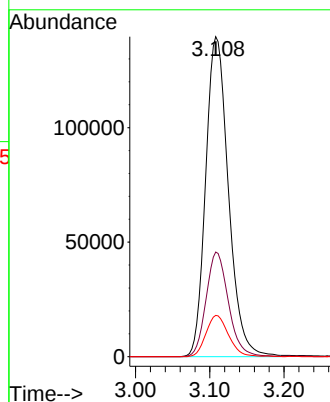
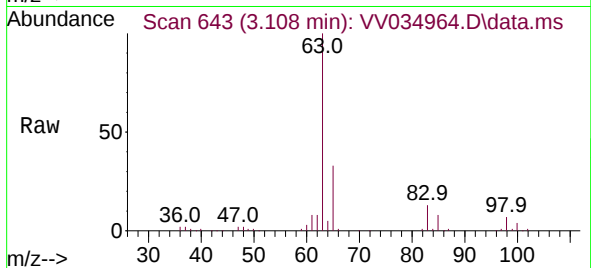




#19
1,1-Dichloroethane
Concen: 53.205 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

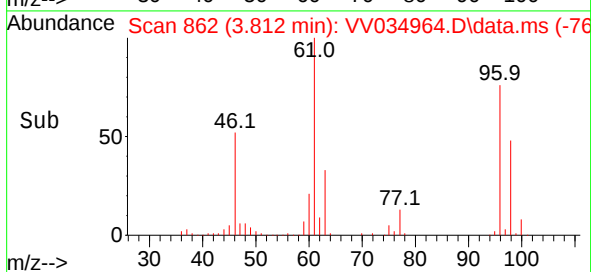
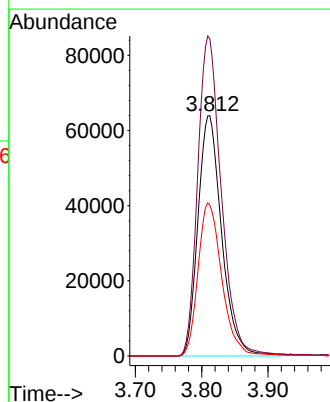
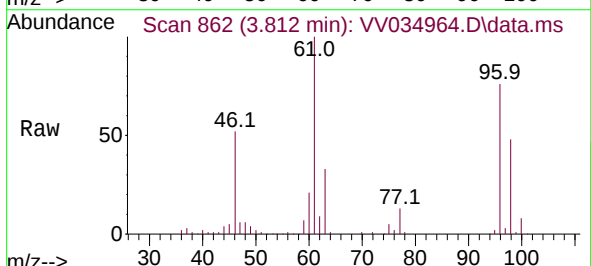
Instrument :
MSVOA_V
ClientSampleId :

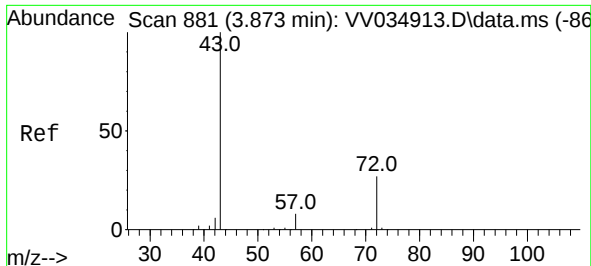
Tgt Ion: 63 Resp: 297665
Ion Ratio Lower Upper
63 100
65 32.7 23.0 42.6
83 12.9 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 51.162 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

Tgt Ion: 96 Resp: 158501
Ion Ratio Lower Upper
96 100
61 132.0 94.9 176.3
98 62.8 45.6 84.8

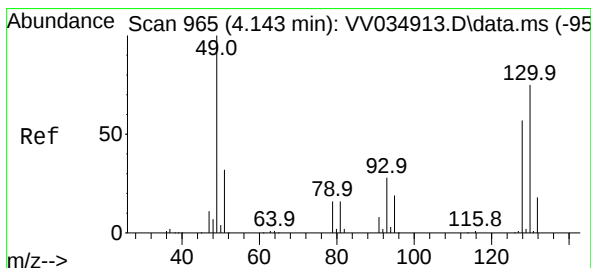
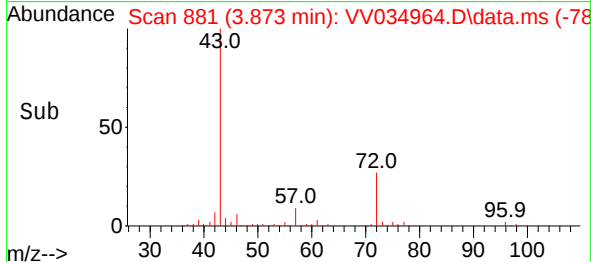
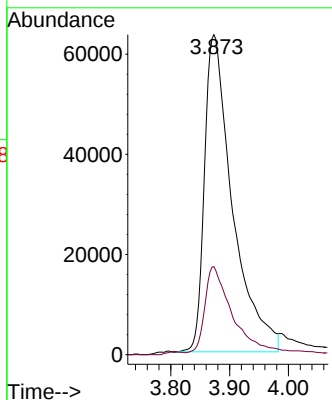
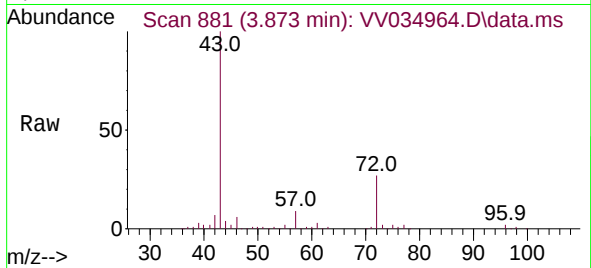




#22
2-Butanone
Concen: 91.475 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.000 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

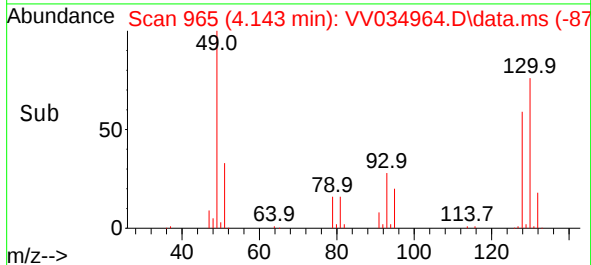
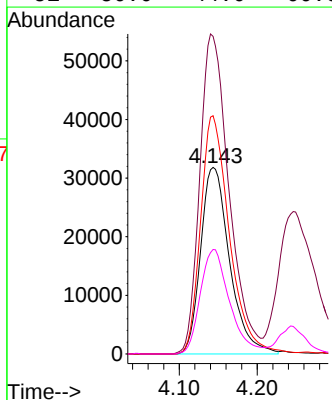
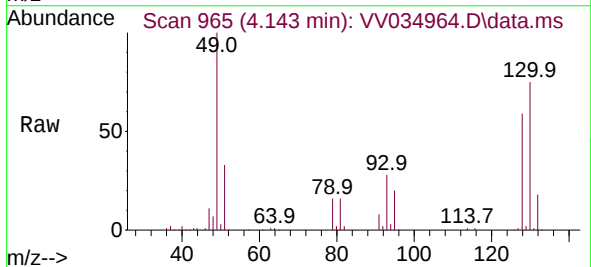
Instrument :
MSVOA_V
ClientSampleId :

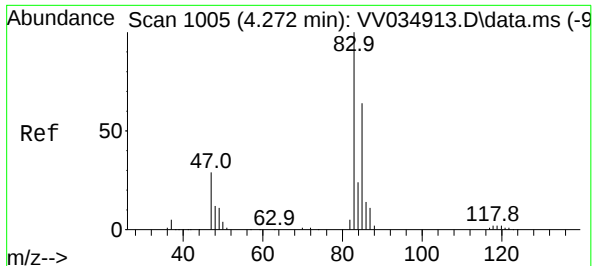
Tgt Ion: 43 Resp: 209867
Ion Ratio Lower Upper
43 100
72 26.5 13.2 39.6



#23
Bromochloromethane
Concen: 53.007 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

Tgt Ion:128 Resp: 82161
Ion Ratio Lower Upper
128 100
49 170.3 123.8 229.8
130 127.7 93.2 173.0
51 56.0 44.0 66.0





#25

Chloroform

Concen: 54.061 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

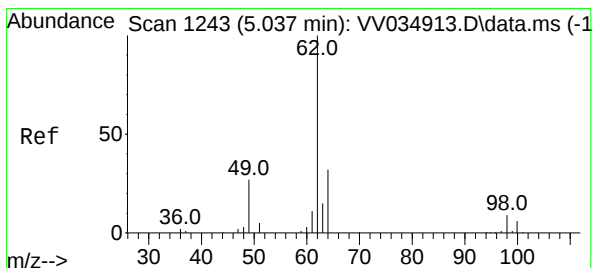
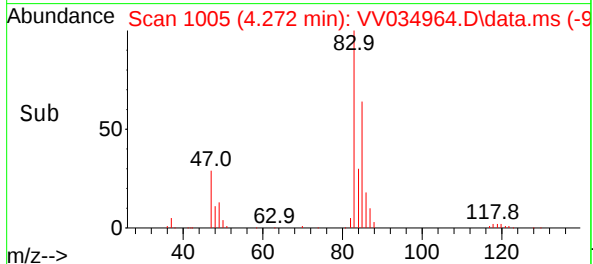
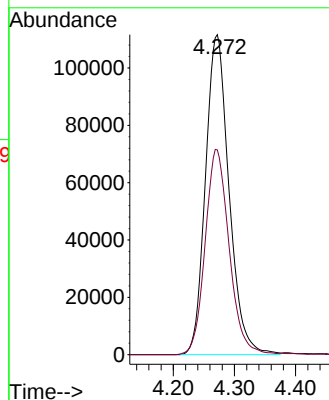
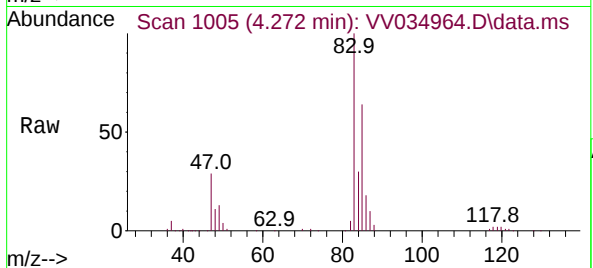
ClientSampleId :

Tgt Ion: 83 Resp: 299028

Ion Ratio Lower Upper

83 100

85 64.0 46.0 85.4



#27

1,2-Dichloroethane

Concen: 53.463 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV034964.D

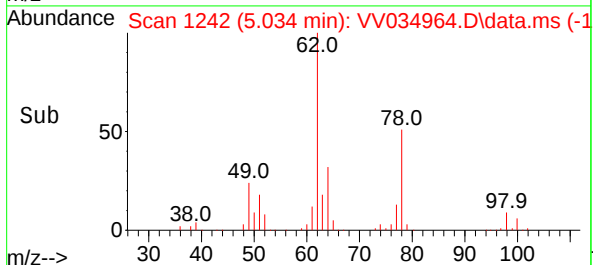
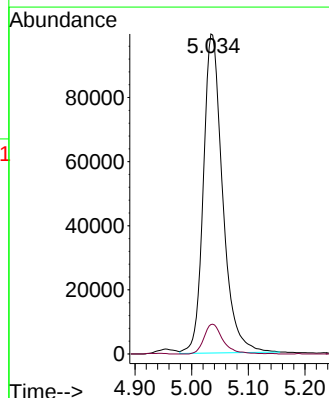
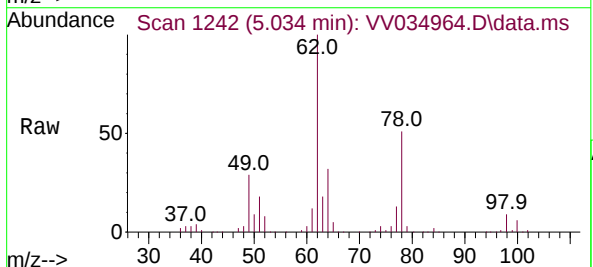
Acq: 04 Apr 2024 09:00

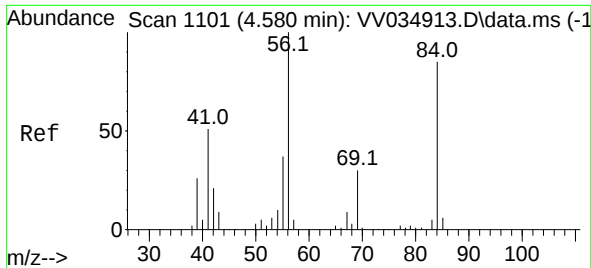
Tgt Ion: 62 Resp: 235450

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8





#29

Cyclohexane

Concen: 45.519 ug/L

RT: 4.581 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

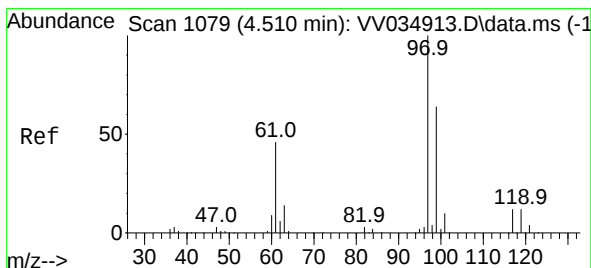
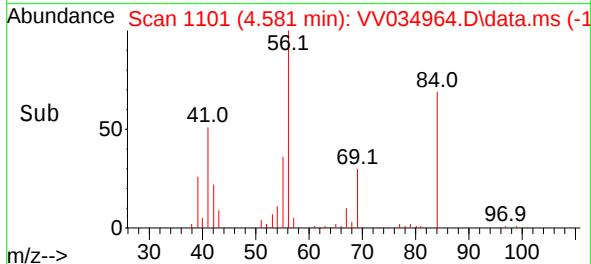
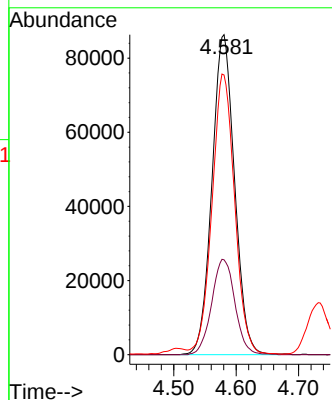
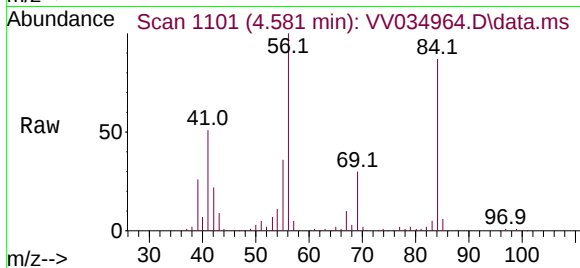
Tgt Ion: 56 Resp: 217115

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 87.5 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 49.337 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. -0.003 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

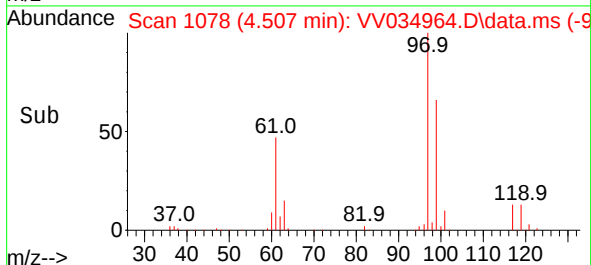
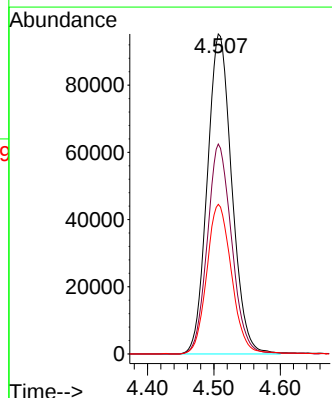
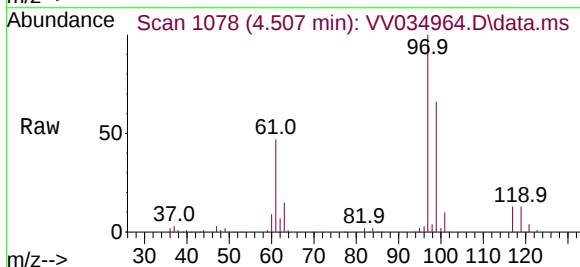
Tgt Ion: 97 Resp: 244911

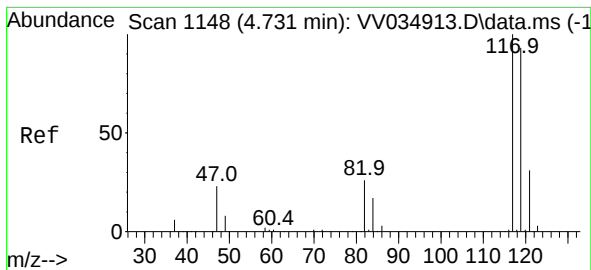
Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.4

61 47.3 36.8 55.2





#31

Carbon tetrachloride

Concen: 50.527 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

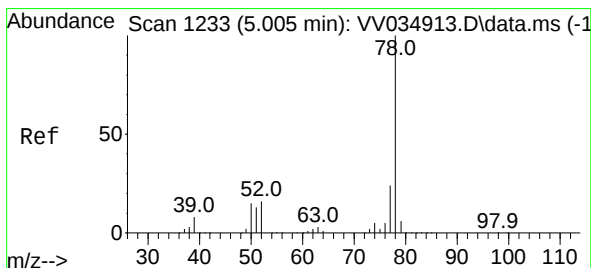
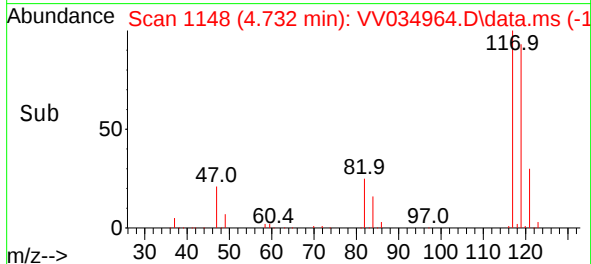
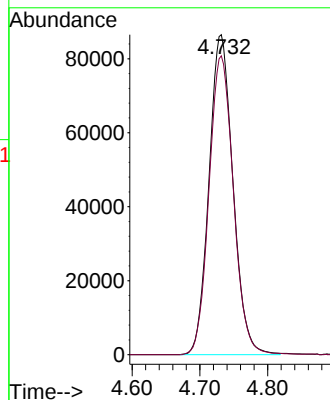
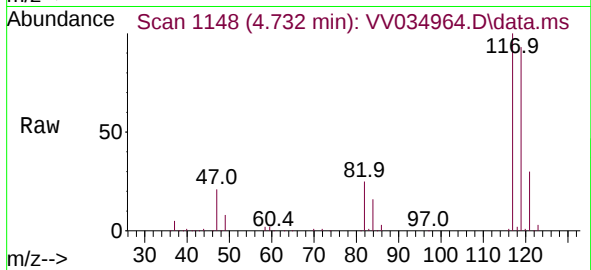
ClientSampleId :

Tgt Ion:117 Resp: 212587

Ion Ratio Lower Upper

117 100

119 94.8 77.1 115.7



#33

Benzene

Concen: 49.211 ug/L

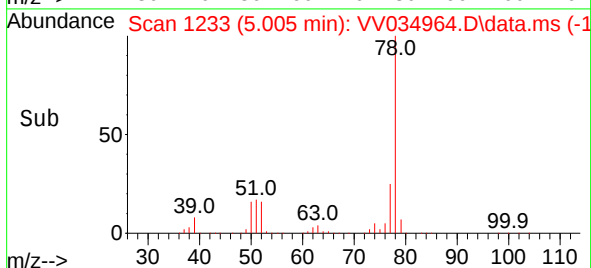
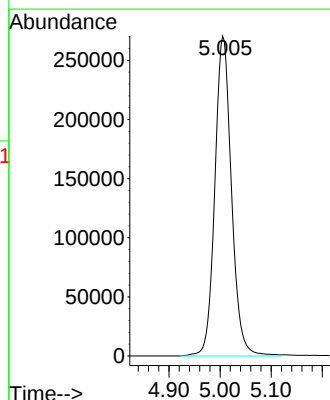
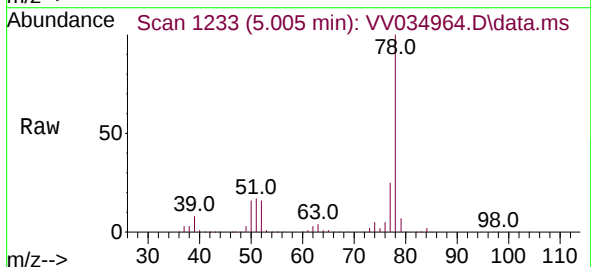
RT: 5.005 min Scan# 1233

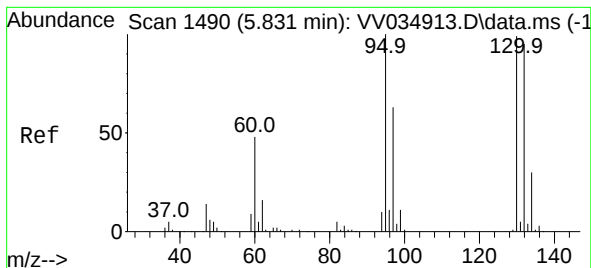
Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Tgt Ion: 78 Resp: 611105





#34

Trichloroethene

Concen: 50.469 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 169137

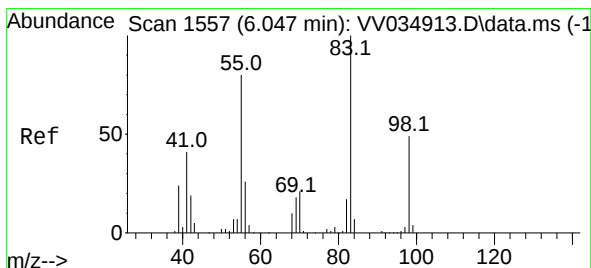
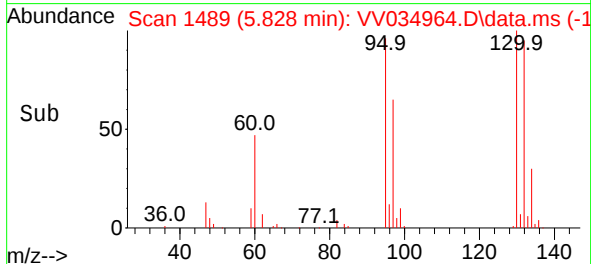
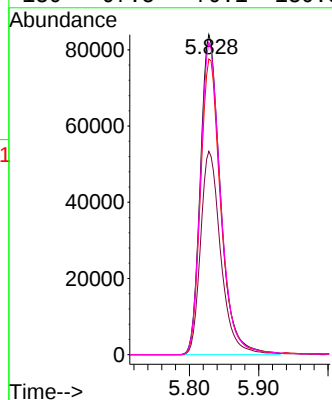
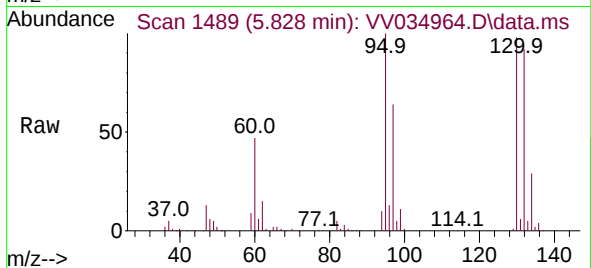
Ion Ratio Lower Upper

95 100

97 63.6 45.3 84.1

132 92.4 65.3 121.3

130 97.5 70.1 130.3



#35

Methylcyclohexane

Concen: 44.072 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

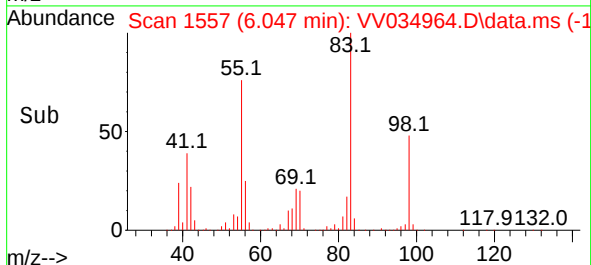
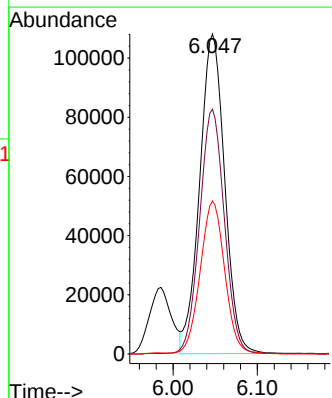
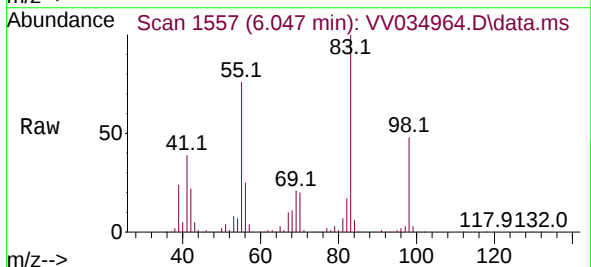
Tgt Ion: 83 Resp: 223063

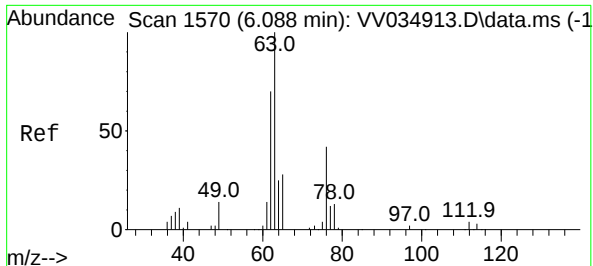
Ion Ratio Lower Upper

83 100

55 75.6 60.0 90.0

98 46.9 37.6 56.4





#37

1,2-Dichloropropane

Concen: 50.791 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

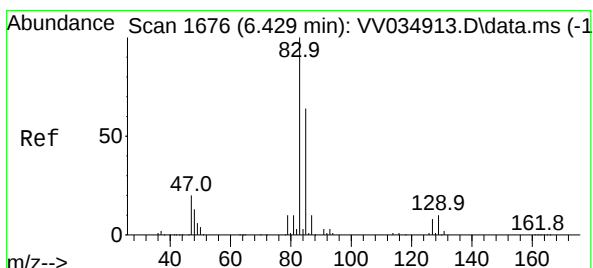
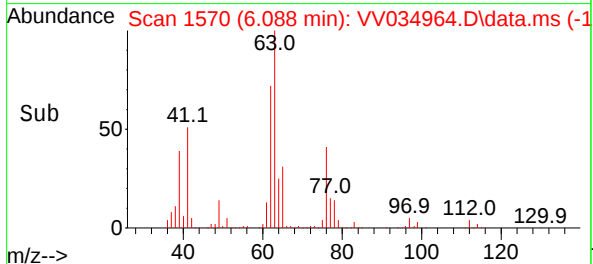
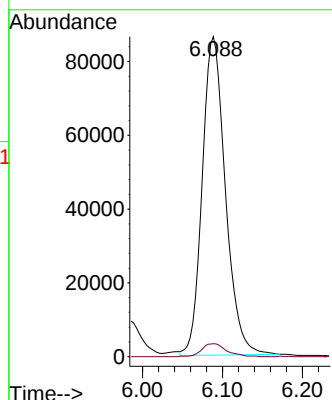
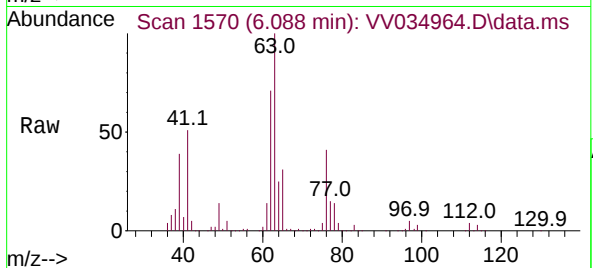
ClientSampleId :

Tgt Ion: 63 Resp: 174301

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 50.708 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

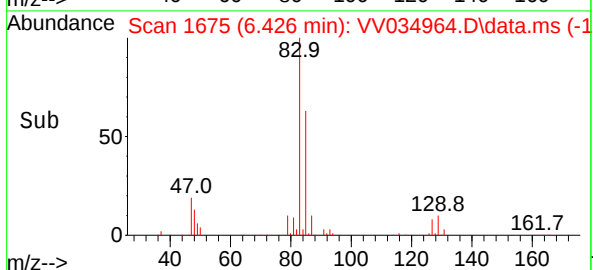
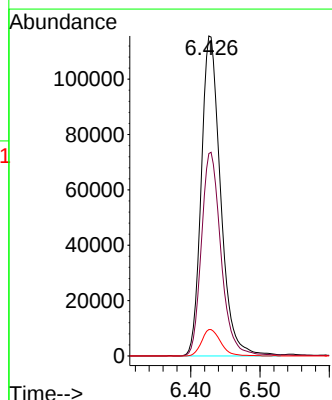
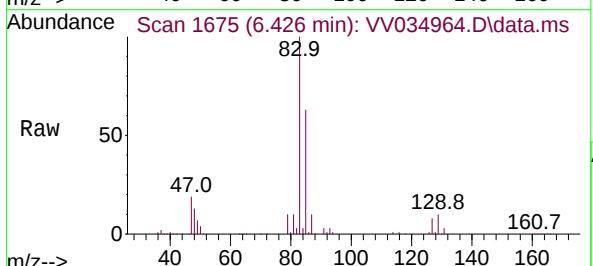
Tgt Ion: 83 Resp: 224525

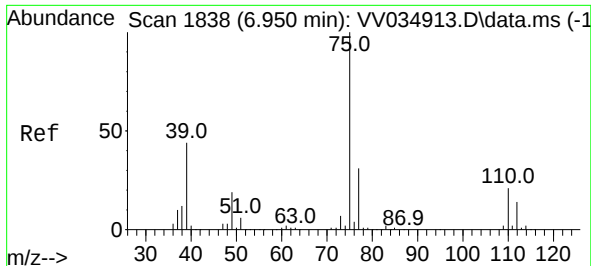
Ion Ratio Lower Upper

83 100

85 63.3 43.7 81.1

127 8.3 6.4 9.6

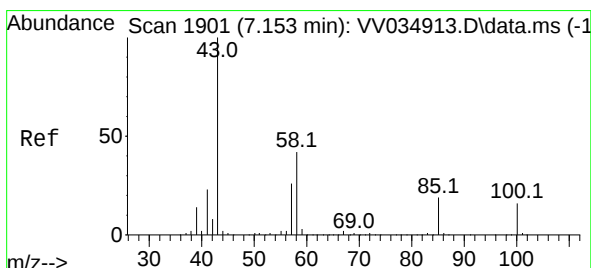
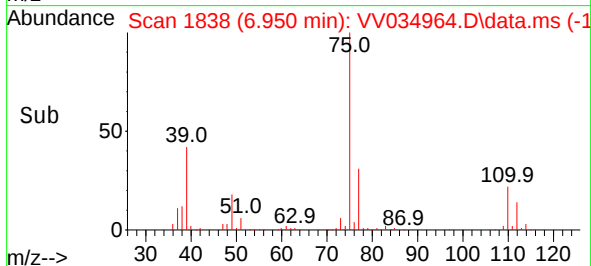
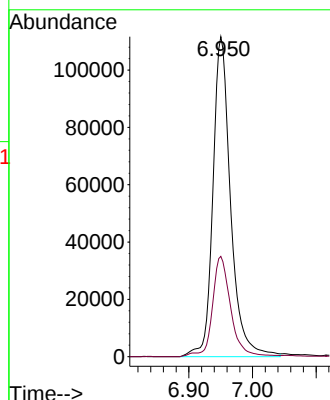
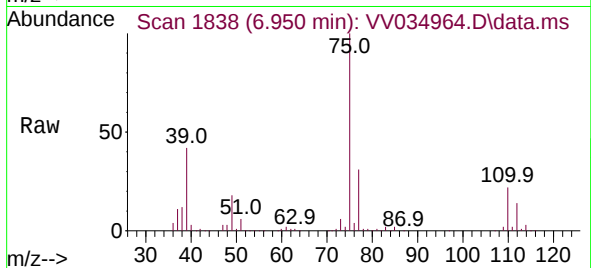




#39
 cis-1,3-Dichloropropene
 Concen: 39.983 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV034964.D
 Acq: 04 Apr 2024 09:00

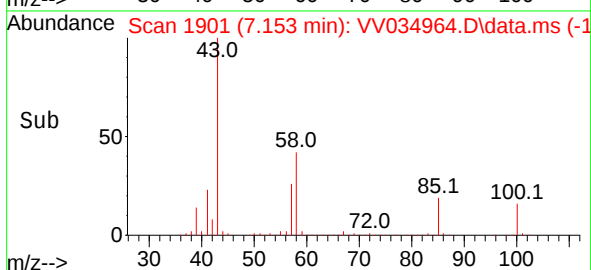
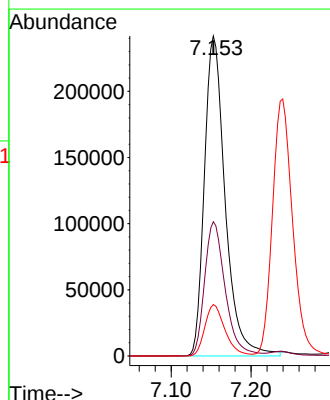
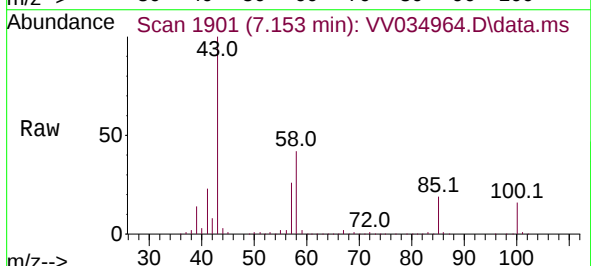
Instrument :
 MSVOA_V
 ClientSampleId :

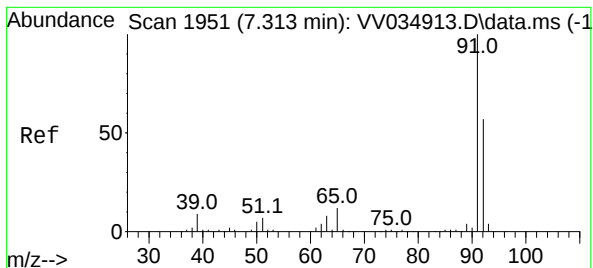
Tgt Ion: 75 Resp: 216154
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 99.947 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV034964.D
 Acq: 04 Apr 2024 09:00

Tgt Ion: 43 Resp: 437924
 Ion Ratio Lower Upper
 43 100
 58 41.5 33.8 50.8
 100 15.6 13.0 19.4





#42

Toluene

Concen: 50.479 ug/L

RT: 7.310 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

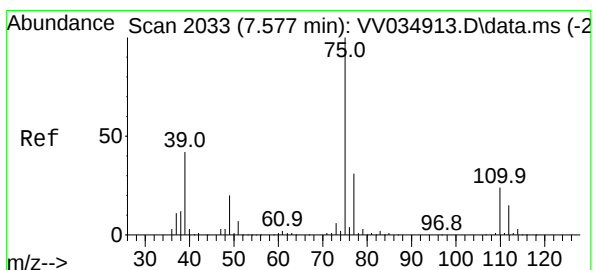
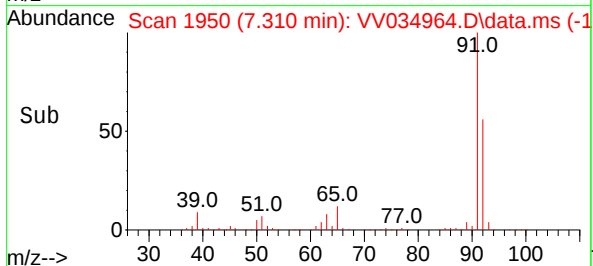
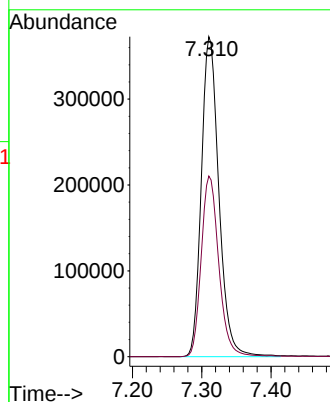
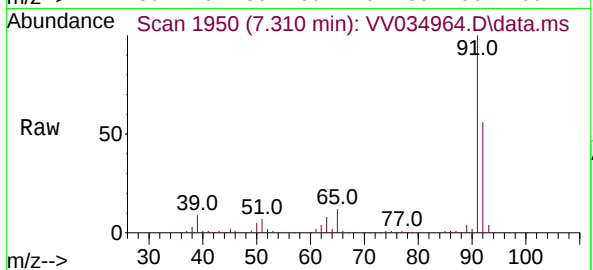
ClientSampleId :

Tgt Ion: 91 Resp: 656272

Ion Ratio Lower Upper

91 100

92 56.4 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 41.322 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV034964.D

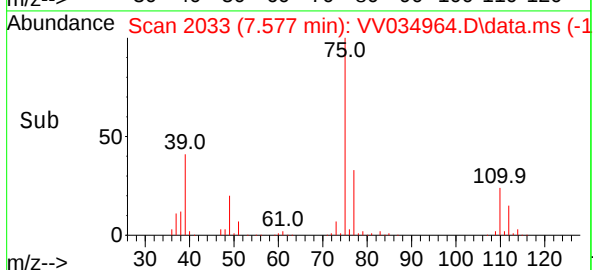
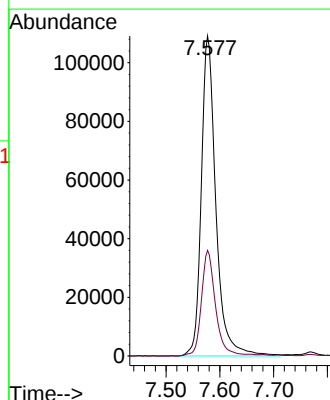
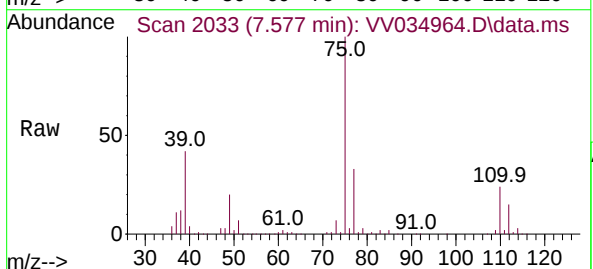
Acq: 04 Apr 2024 09:00

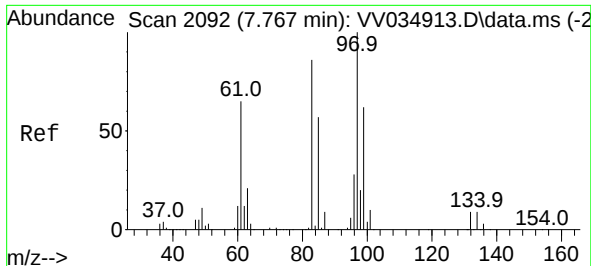
Tgt Ion: 75 Resp: 205234

Ion Ratio Lower Upper

75 100

77 33.0 21.7 40.3



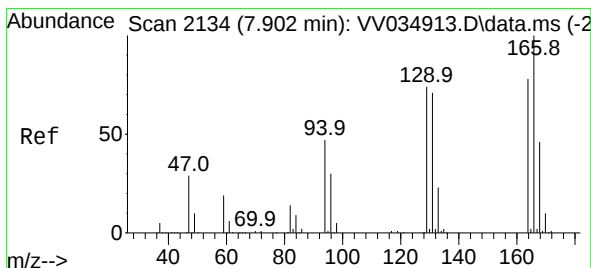
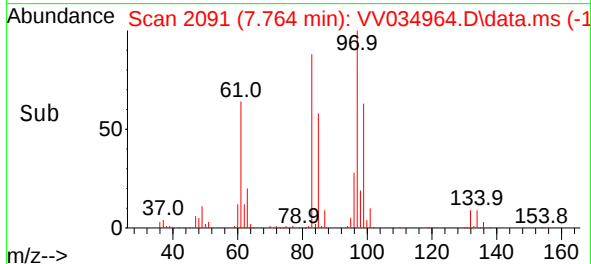
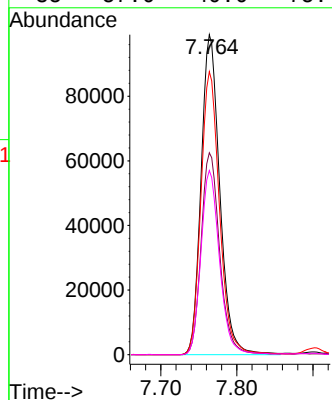
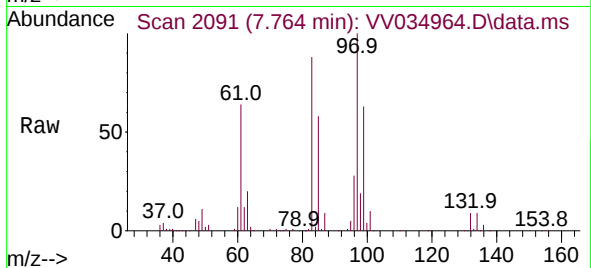


#45
1,1,2-Trichloroethane
Concen: 52.372 ug/L
RT: 7.764 min Scan# 2092
Delta R.T. -0.003 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 169401

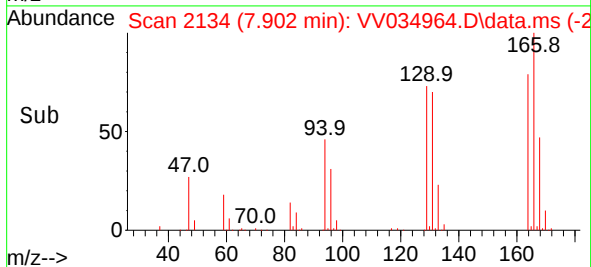
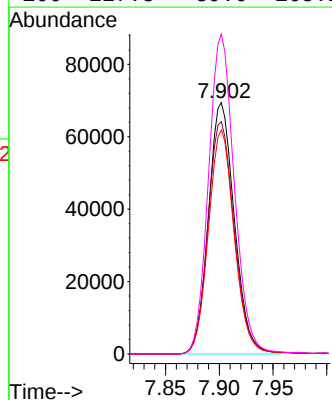
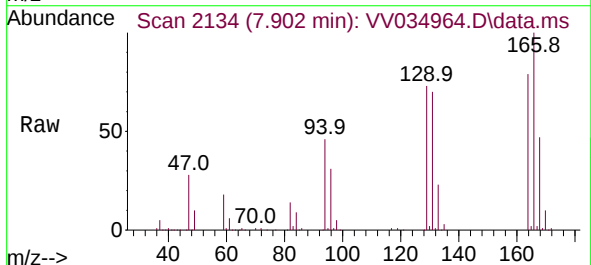
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.3	80.3
83	88.4	61.6	114.4
85	57.6	40.6	75.4

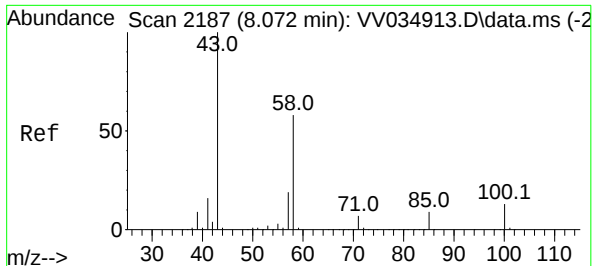


#46
Tetrachloroethene
Concen: 49.723 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

Tgt Ion: 164 Resp: 116419

Ion	Ratio	Lower	Upper
164	100		
129	92.4	68.6	127.4
131	89.2	65.7	122.1
166	127.3	89.0	165.2





#48

2-Hexanone

Concen: 94.362 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 351644

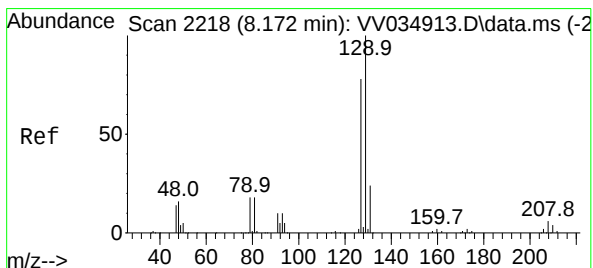
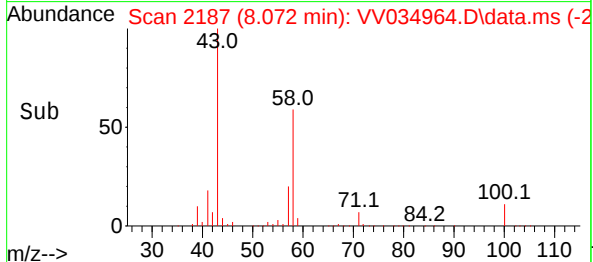
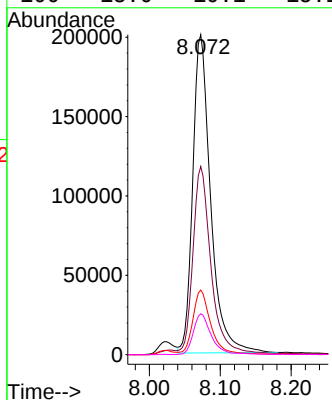
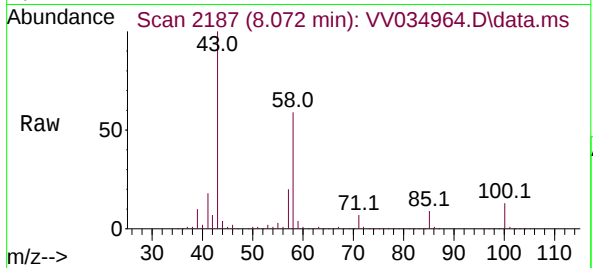
Ion Ratio Lower Upper

43 100

58 59.3 45.4 68.2

57 20.0 16.2 24.4

100 13.0 10.1 15.1



#49

Dibromochloromethane

Concen: 52.685 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV034964.D

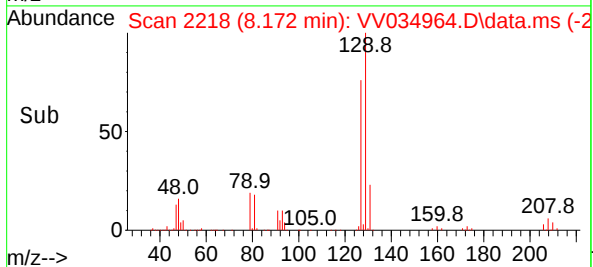
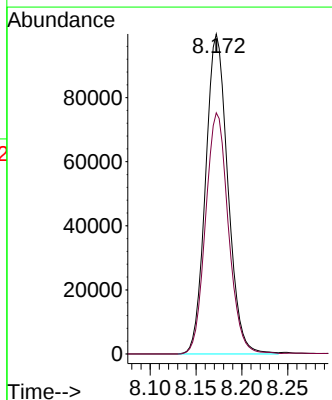
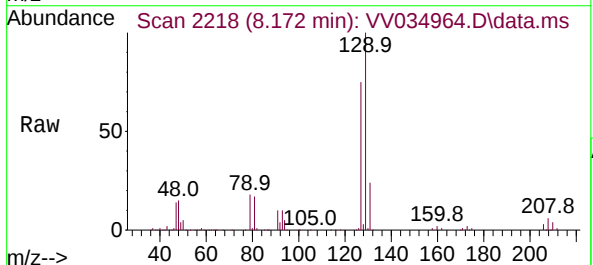
Acq: 04 Apr 2024 09:00

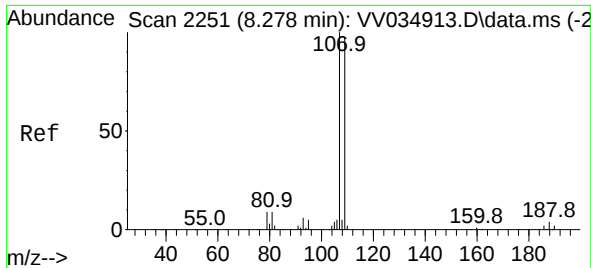
Tgt Ion:129 Resp: 168782

Ion Ratio Lower Upper

129 100

127 75.4 54.1 100.5

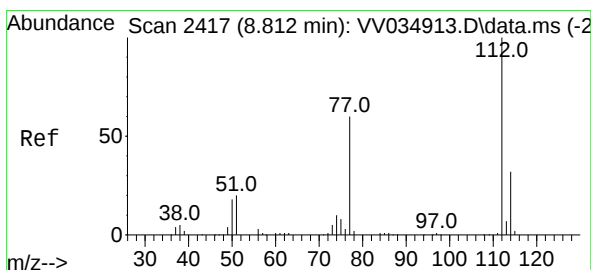
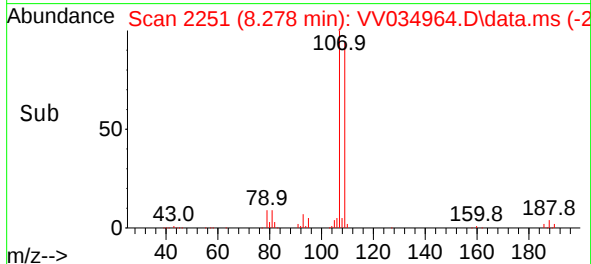
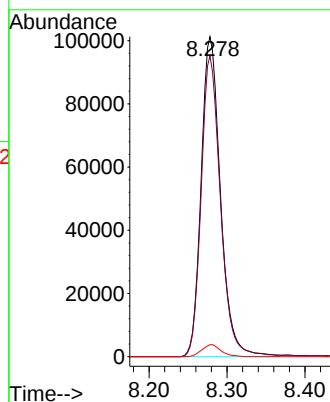
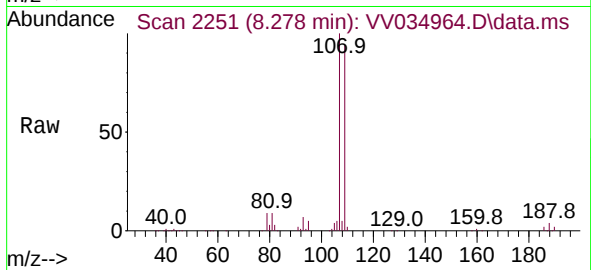




#50
1,2-Dibromoethane
Concen: 50.168 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

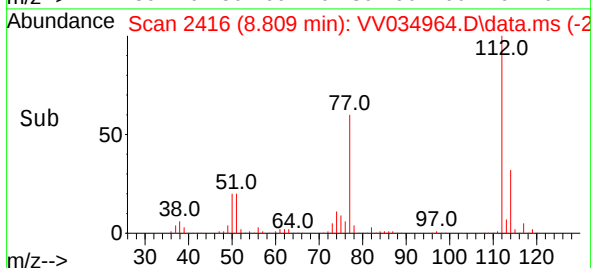
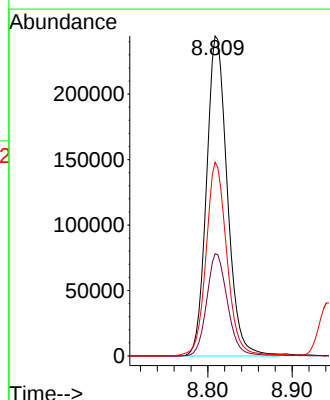
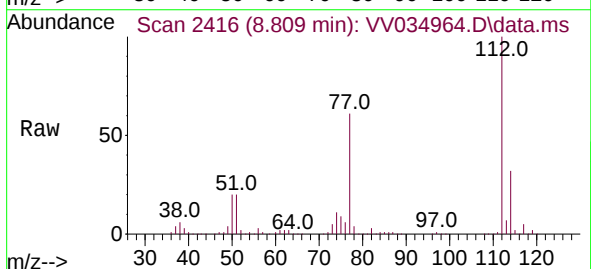
Instrument :
MSVOA_V
ClientSampleId :

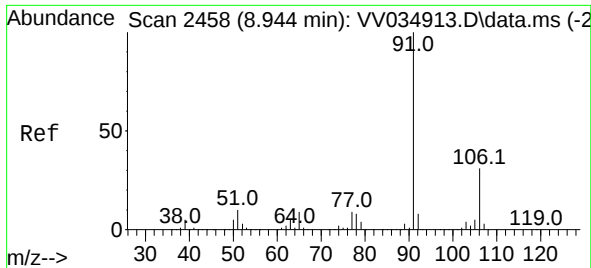
Tgt Ion:107 Resp: 174706
Ion Ratio Lower Upper
107 100
109 94.0 64.5 119.9
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 49.799 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

Tgt Ion:112 Resp: 419616
Ion Ratio Lower Upper
112 100
114 31.9 22.0 41.0
77 60.5 47.4 71.2





#52

Ethylbenzene

Concen: 50.040 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

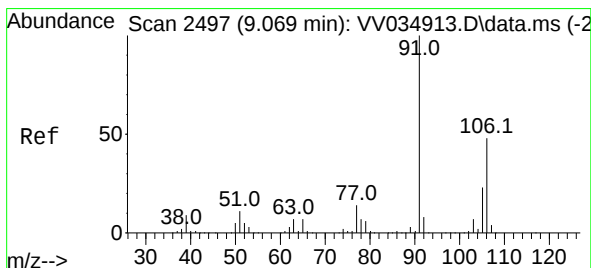
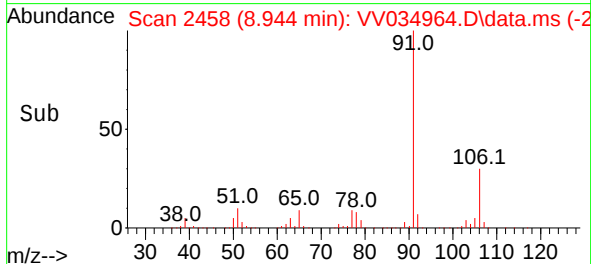
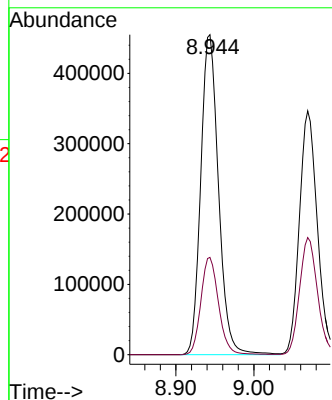
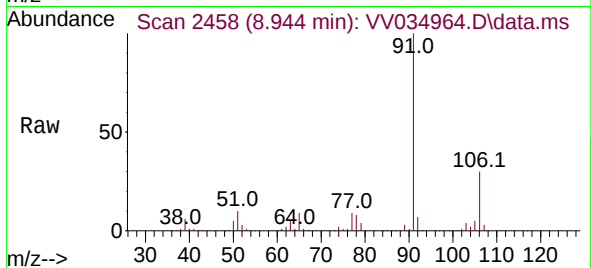
ClientSampleId :

Tgt Ion: 91 Resp: 721015

Ion Ratio Lower Upper

91 100

106 30.4 21.3 39.5



#53

m,p-Xylene

Concen: 50.658 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV034964.D

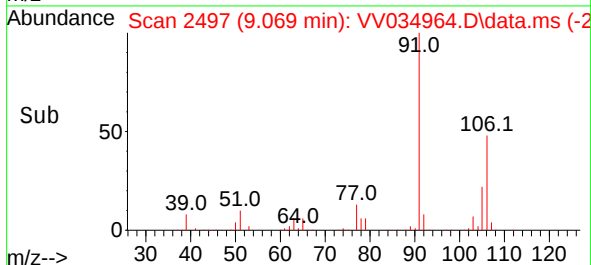
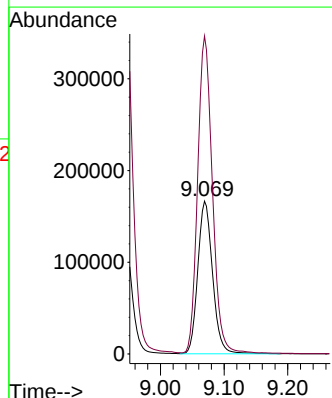
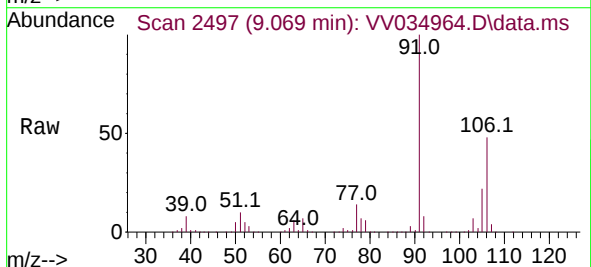
Acq: 04 Apr 2024 09:00

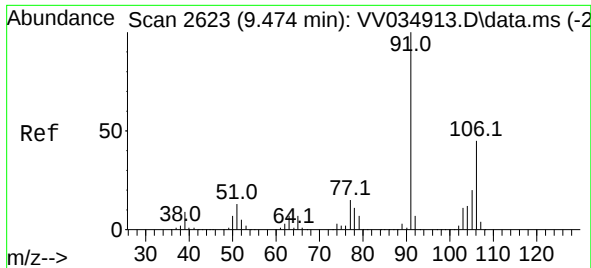
Tgt Ion:106 Resp: 268803

Ion Ratio Lower Upper

106 100

91 208.0 144.8 269.0

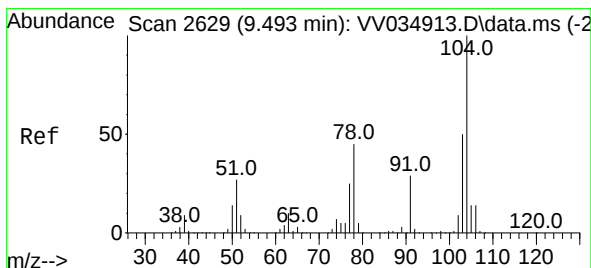
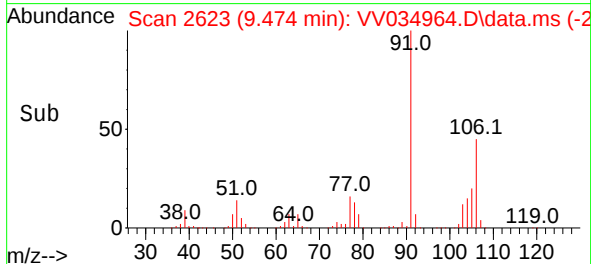
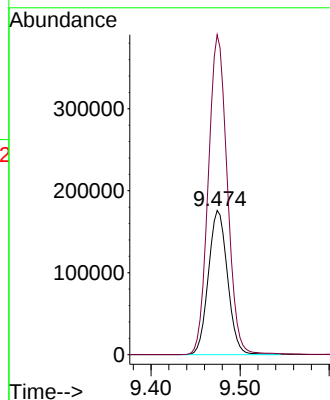
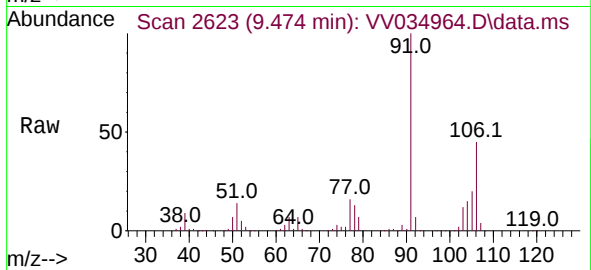




#54
o-Xylene
Concen: 50.034 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

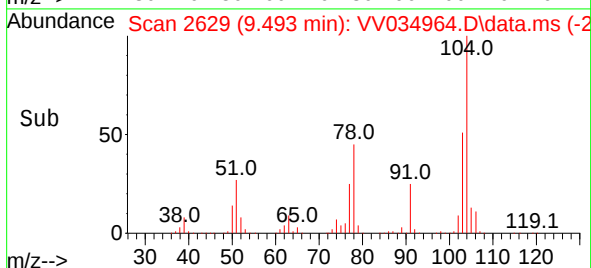
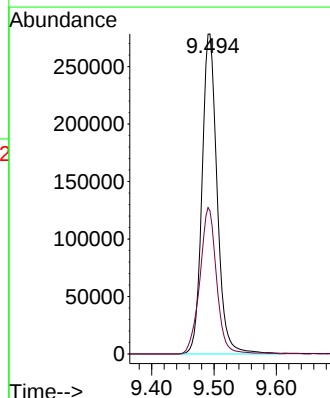
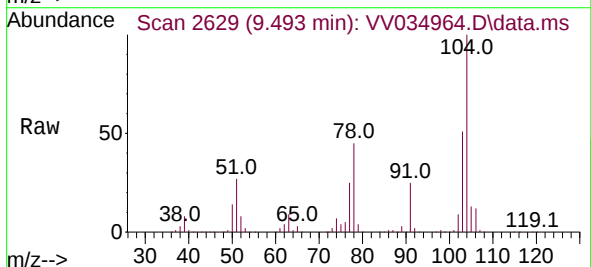
Instrument :
MSVOA_V
ClientSampleId :

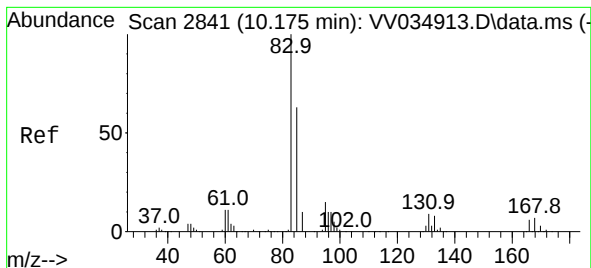
Tgt Ion:106 Resp: 262688
Ion Ratio Lower Upper
106 100
91 221.9 151.3 280.9



#55
Styrene
Concen: 52.968 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

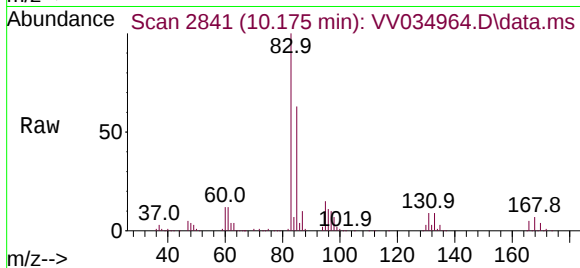
Tgt Ion:104 Resp: 469942
Ion Ratio Lower Upper
104 100
78 44.7 31.5 58.5



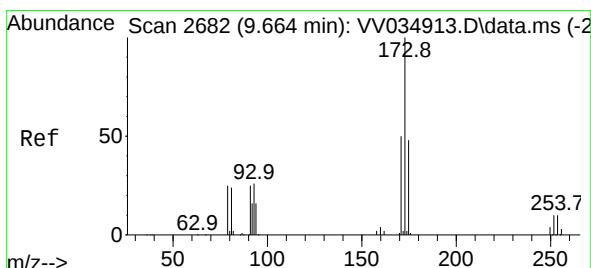
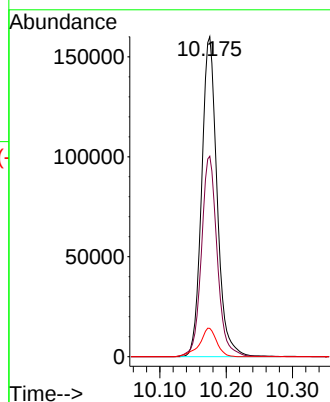
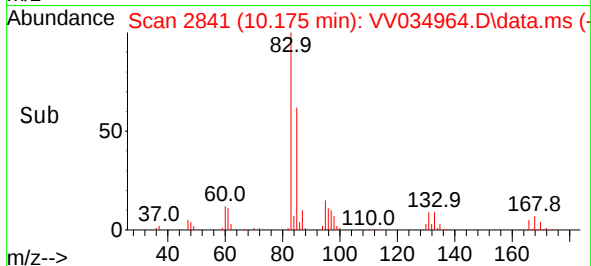


#57
1,1,2,2-Tetrachloroethane
Concen: 49.483 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

Instrument :
MSVOA_V
ClientSampleId :

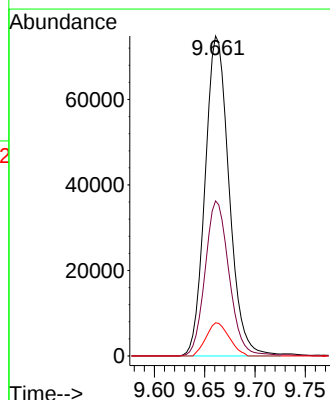
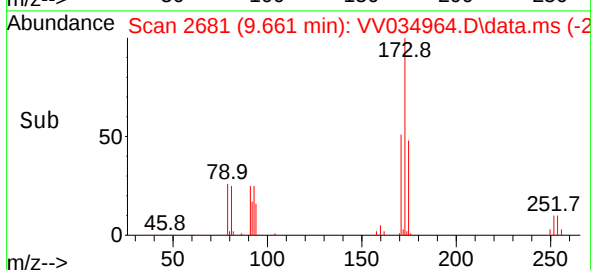
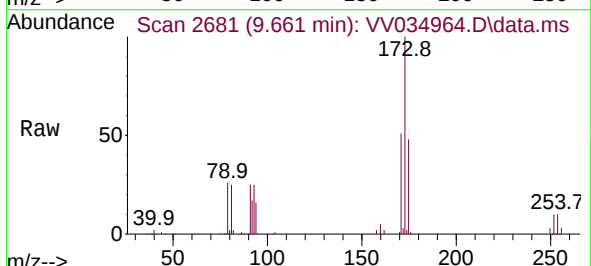


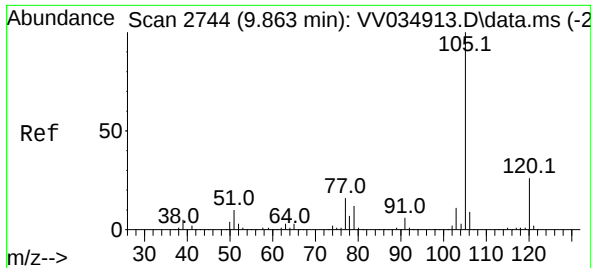
Tgt Ion: 83 Resp: 259329
Ion Ratio Lower Upper
83 100
85 62.7 44.5 82.7
131 8.9 6.9 10.3



#59
Bromoform
Concen: 54.705 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.003 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

Tgt Ion: 173 Resp: 124179
Ion Ratio Lower Upper
173 100
175 48.4 39.3 58.9
254 9.9 7.5 11.3

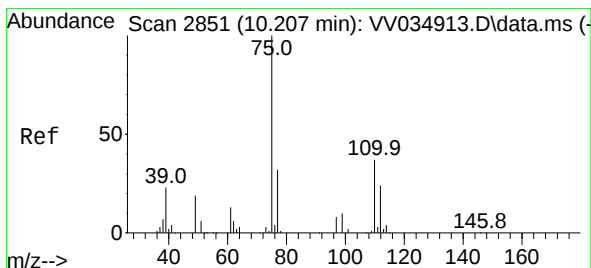
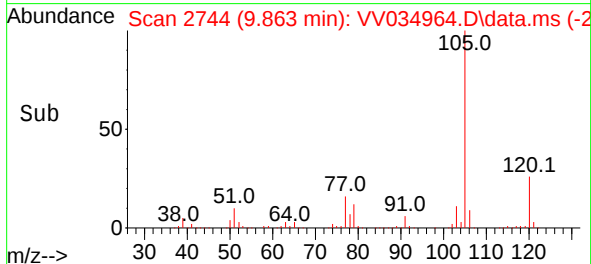
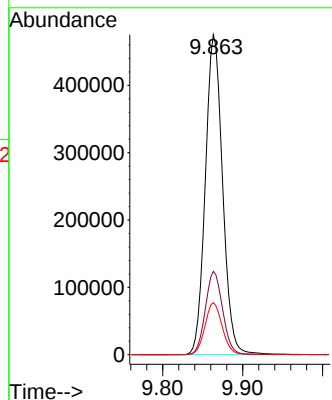
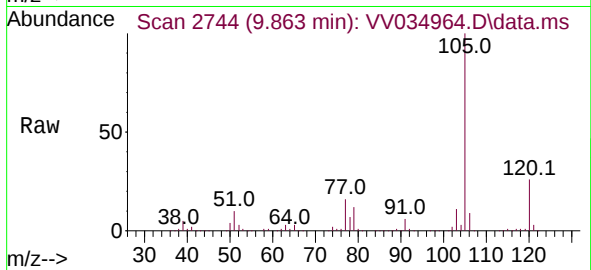




#60
Isopropylbenzene
Concen: 50.101 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

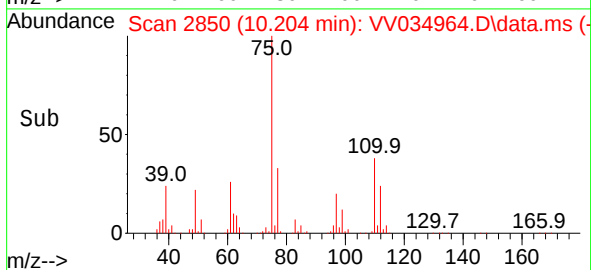
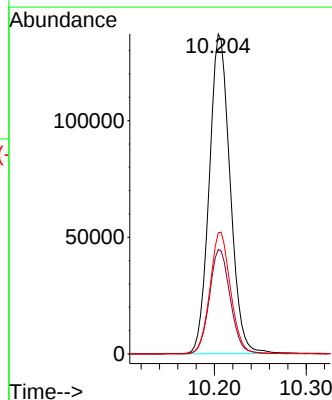
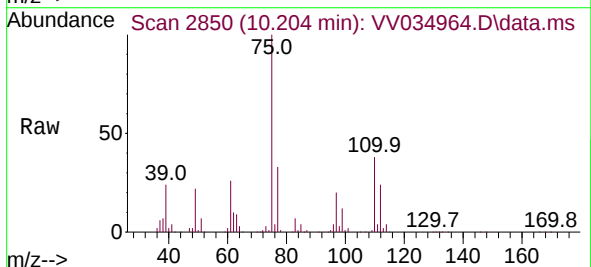
Instrument :
MSVOA_V
ClientSampleId :

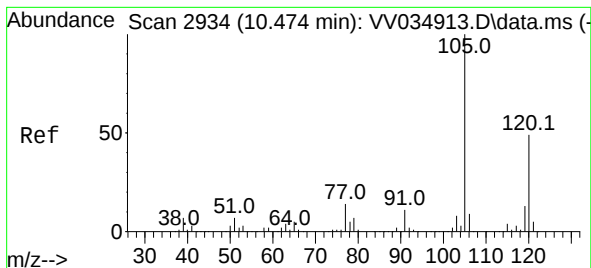
Tgt Ion:105 Resp: 715453
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 16.2 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 50.393 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.003 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

Tgt Ion: 75 Resp: 216307
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 37.8 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 49.754 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

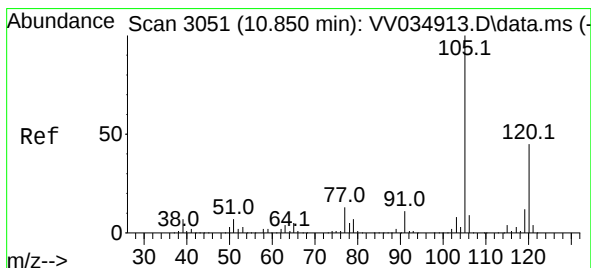
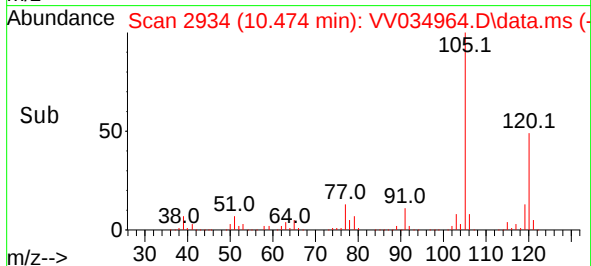
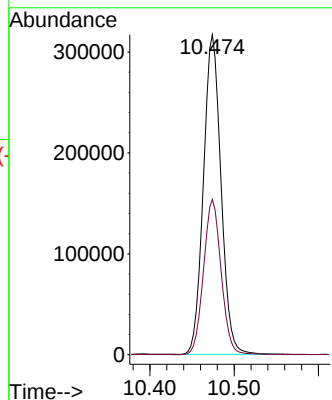
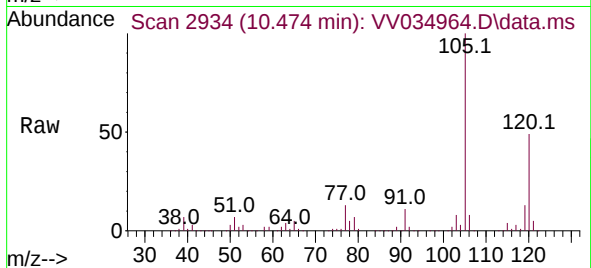
ClientSampleId :

Tgt Ion:105 Resp: 461435

Ion Ratio Lower Upper

105 100

120 48.6 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 50.461 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034964.D

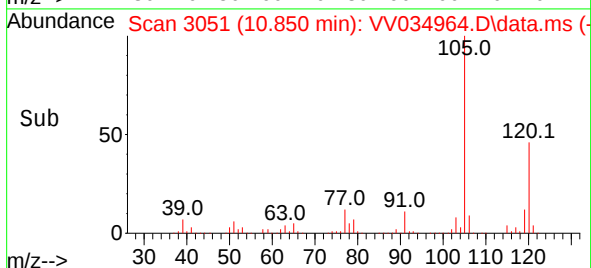
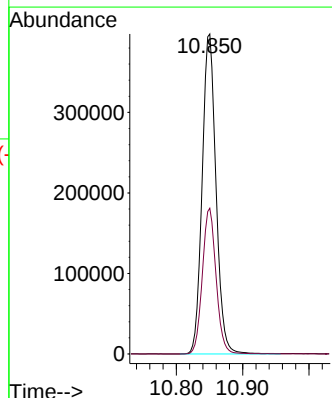
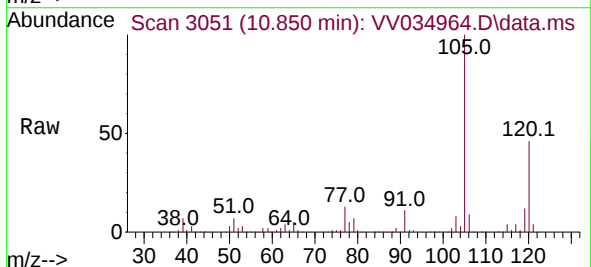
Acq: 04 Apr 2024 09:00

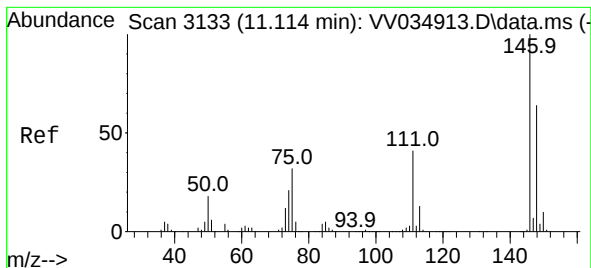
Tgt Ion:105 Resp: 578612

Ion Ratio Lower Upper

105 100

120 45.1 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 50.253 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

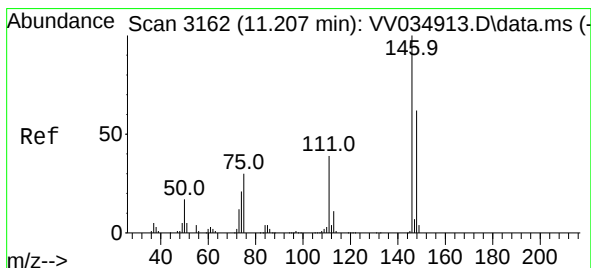
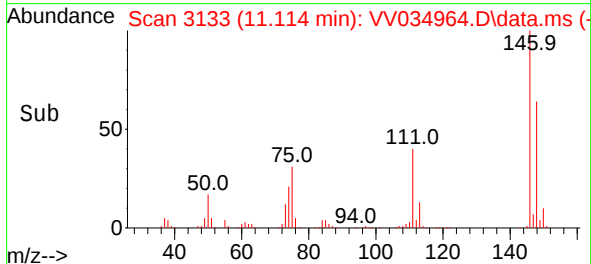
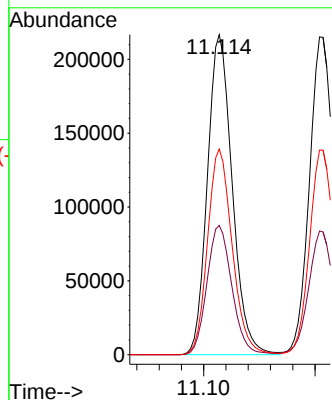
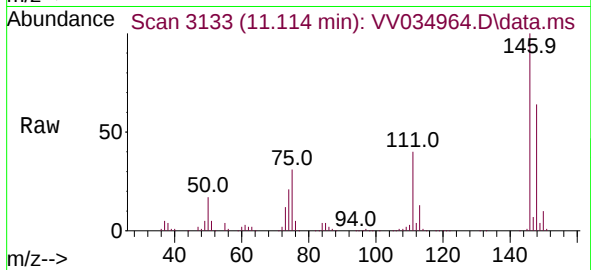
Tgt Ion:146 Resp: 335358

Ion Ratio Lower Upper

146 100

111 40.4 28.7 53.3

148 64.3 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 50.296 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.003 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

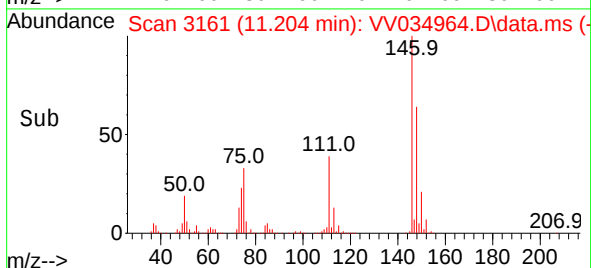
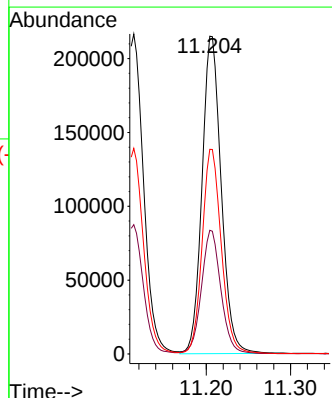
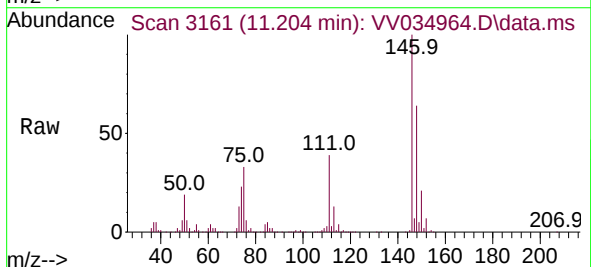
Tgt Ion:146 Resp: 341325

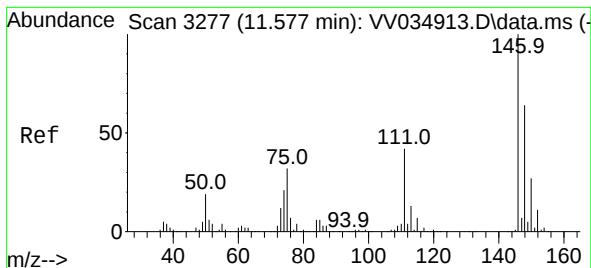
Ion Ratio Lower Upper

146 100

111 38.9 27.4 50.8

148 64.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 51.808 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

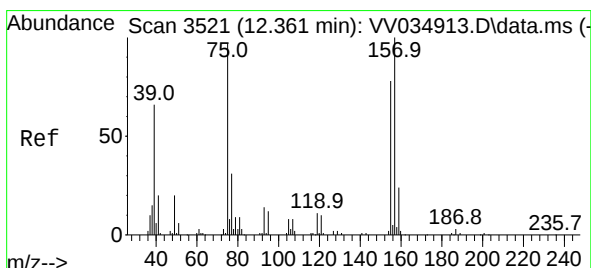
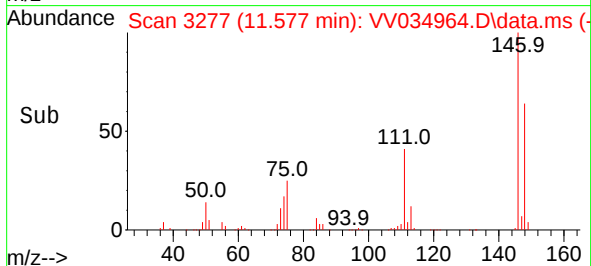
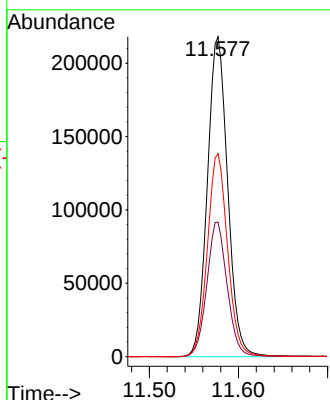
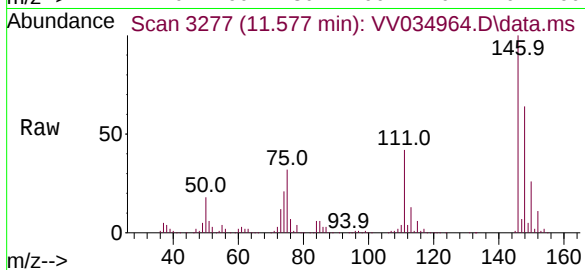
Tgt Ion:146 Resp: 344414

Ion Ratio Lower Upper

146 100

111 42.0 34.6 52.0

148 63.5 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 49.327 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

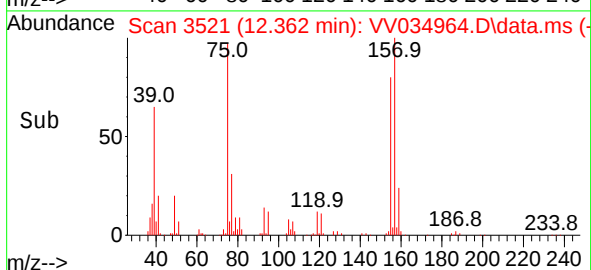
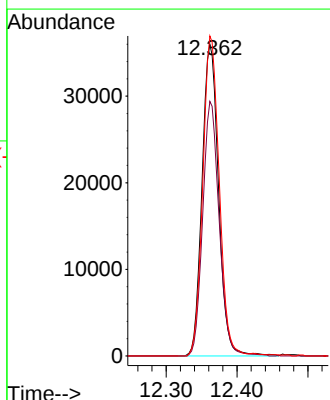
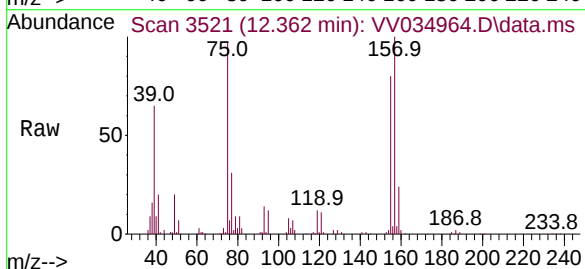
Tgt Ion: 75 Resp: 58331

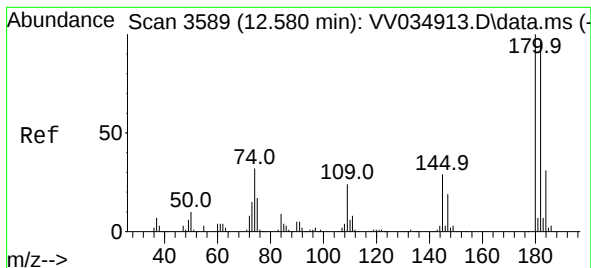
Ion Ratio Lower Upper

75 100

155 81.7 63.0 94.6

157 102.7 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 48.641 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

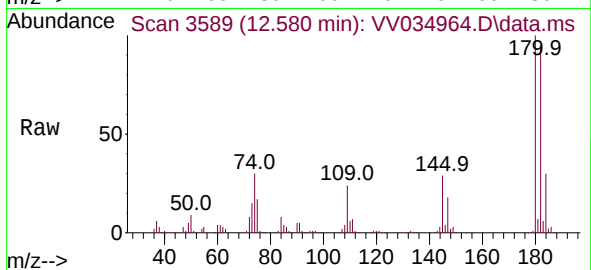
Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 233944

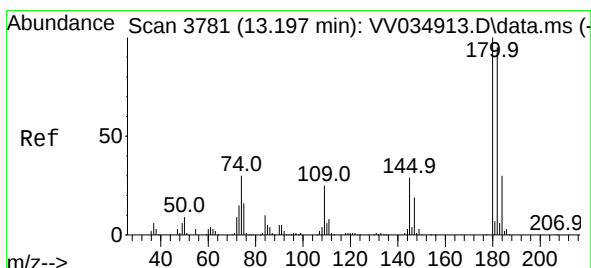
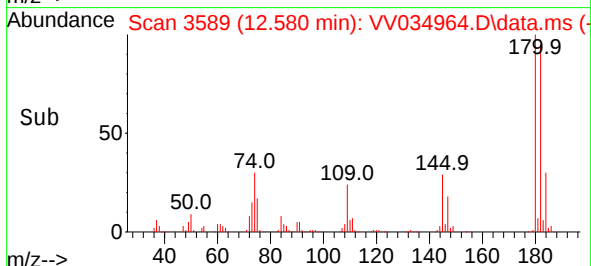
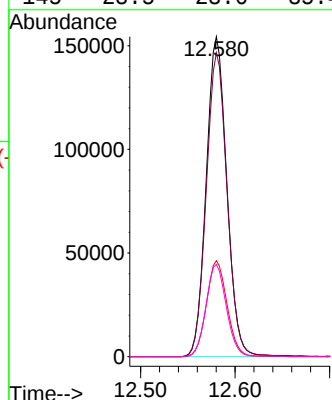
Ion Ratio Lower Upper

180 100

182 95.6 74.7 112.1

184 30.0 24.0 36.0

145 28.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 47.580 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.003 min

Lab File: VV034964.D

Acq: 04 Apr 2024 09:00

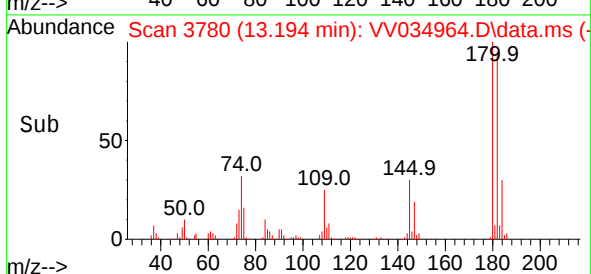
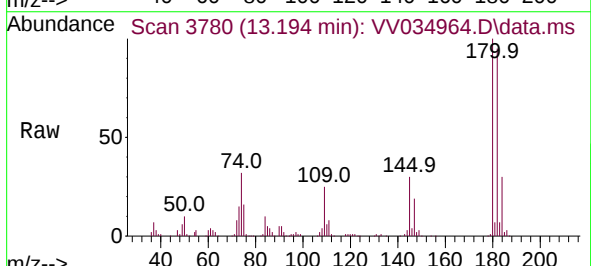
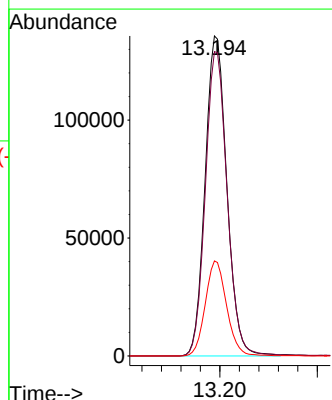
Tgt Ion:180 Resp: 210203

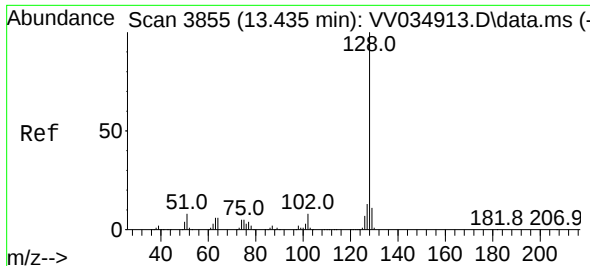
Ion Ratio Lower Upper

180 100

182 95.2 75.6 113.4

145 29.2 24.1 36.1

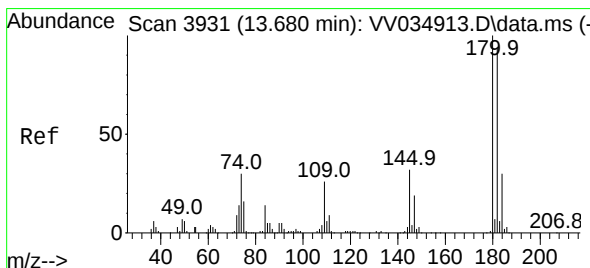
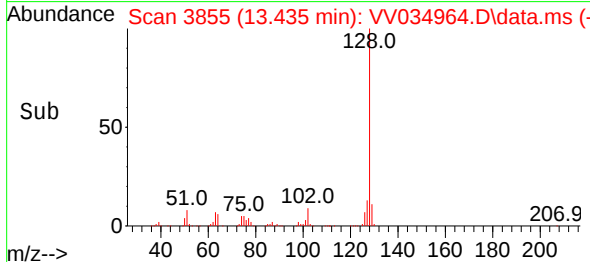
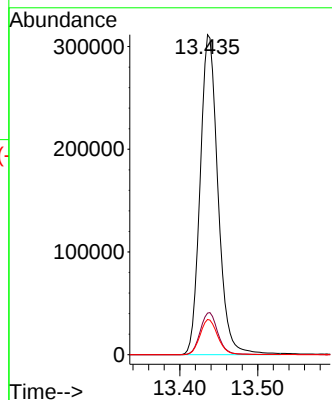
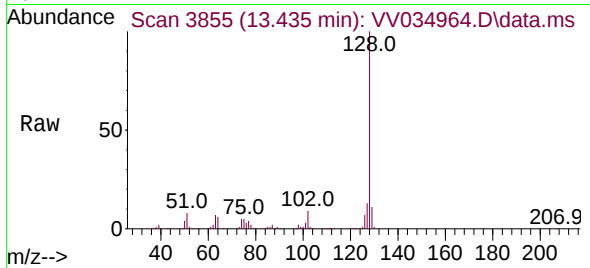




#71
Naphthalene
Concen: 40.372 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 494846
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 49.267 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. -0.003 min
Lab File: VV034964.D
Acq: 04 Apr 2024 09:00

Tgt Ion:180 Resp: 214551
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.2
145 31.3 25.8 38.6

