

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
 Data File : VV034721.D
 Acq On : 19 Mar 2024 09:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 20 01:14:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 02:53:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	370219	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	348119	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	183198	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	172246	53.669	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.340%
7) Chloroethane-d5	1.532	69	134157	53.655	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.320%
11) 1,1-Dichloroethene-d2	2.060	65	75434	51.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.940%
21) 2-Butanone-d5	3.786	46	209846	97.773	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.770%
24) Chloroform-d	4.243	84	302740	53.350	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.700%
26) 1,2-Dichloroethane-d4	4.934	65	194489	52.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.900%
32) Benzene-d6	4.957	84	578494	55.062	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.120%
36) 1,2-Dichloropropane-d6	5.982	67	166237	51.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.700%
41) Toluene-d8	7.239	98	509336	53.571	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.140%
43) trans-1,3-Dichloroprop...	7.548	79	85214	52.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.840%
47) 2-Hexanone-d5	8.021	63	128155	80.042	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.040%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	217841	51.627	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.260%
66) 1,2-Dichlorobenzene-d4	11.558	152	195062	52.091	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.180%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.108	85	172803	44.499	ug/L	100
3) Chloromethane	1.217	50	156064	40.899	ug/L	100
5) Vinyl chloride	1.285	62	163280	44.082	ug/L	100
6) Bromomethane	1.490	94	98559	44.349	ug/L	100
8) Chloroethane	1.548	64	101289	46.008	ug/L	98
9) Trichlorofluoromethane	1.712	101	256854	46.306	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	147688	49.401	ug/L	98
12) 1,1-Dichloroethene	2.069	96	127460	45.978	ug/L	89
13) Acetone	2.121	43	273873	106.146	ug/L	98
14) Carbon disulfide	2.240	76	321262	41.757	ug/L	99
15) Methyl Acetate	2.371	43	171850	52.062	ug/L	99
16) Methylene chloride	2.445	84	150959	51.337	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	130253	48.544	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	507782	52.698	ug/L	99
19) 1,1-Dichloroethane	3.108	63	280292	53.326	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	151561	52.061	ug/L	99
22) 2-Butanone	3.867	43	262209	102.914	ug/L	97
23) Bromochloromethane	4.143	128	79530	52.830	ug/L	95
25) Chloroform	4.272	83	285230	52.355	ug/L	98

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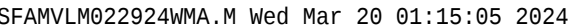
Instrument :
 MSVOA_V
 ClientSampleId :

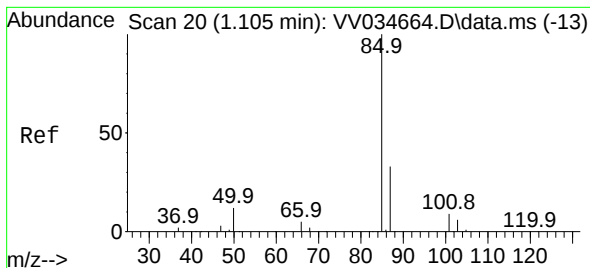
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 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 02:53:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	230009	51.964	ug/L	99
29) Cyclohexane	4.580	56	215906	47.152	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	253397	50.761	ug/L	100
31) Carbon tetrachloride	4.732	117	221822	50.190	ug/L	100
33) Benzene	5.005	78	561338	51.949	ug/L	100
34) Trichloroethene	5.828	95	147584	48.049	ug/L	98
35) Methylcyclohexane	6.047	83	221664	47.470	ug/L	99
37) 1,2-Dichloropropane	6.088	63	145325	51.369	ug/L	100
38) Bromodichloromethane	6.429	83	205296	51.591	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	241047	52.590	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	432327	103.637	ug/L	99
42) Toluene	7.310	91	581136	50.816	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	227930	51.705	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	146675	53.735	ug/L	99
46) Tetrachloroethene	7.902	164	113451	49.666	ug/L	99
48) 2-Hexanone	8.072	43	374615	112.698	ug/L	98
49) Dibromochloromethane	8.172	129	154469	53.626	ug/L	97
50) 1,2-Dibromoethane	8.278	107	147012	50.754	ug/L	99
51) Chlorobenzene	8.812	112	378464	51.191	ug/L	98
52) Ethylbenzene	8.944	91	663571	51.785	ug/L	100
53) m,p-Xylene	9.069	106	248601	51.125	ug/L	98
54) o-Xylene	9.474	106	242952	51.024	ug/L	97
55) Styrene	9.493	104	426626	52.918	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	220338	53.744	ug/L	100
59) Bromoform	9.661	173	110072	54.193	ug/L	99
60) Isopropylbenzene	9.863	105	676222	52.191	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	180455	51.602	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	567592	51.932	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	573190	53.025	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	314471	52.494	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	315110	51.797	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	310066	51.653	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	50446	48.426	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	230709	51.336	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	200087	49.479	ug/L	98
71) Naphthalene	13.435	128	439675	40.647	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	190440	48.275	ug/L	99

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

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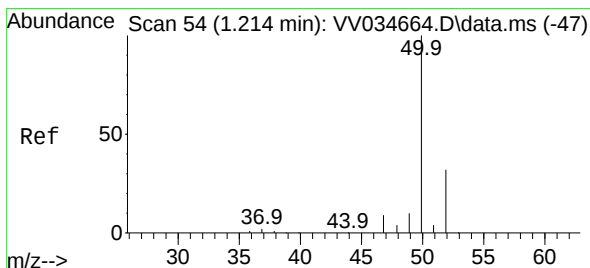
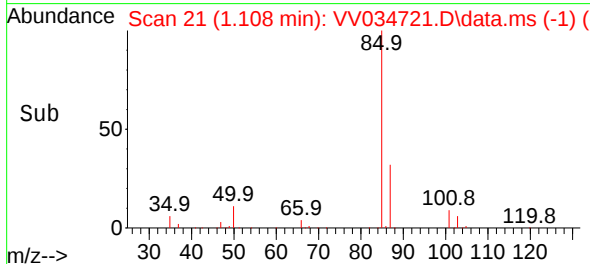
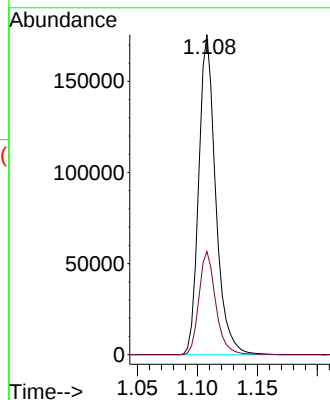
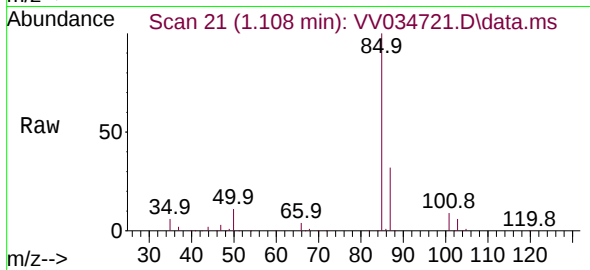




#2
Dichlorodifluoromethane
Concen: 44.499 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

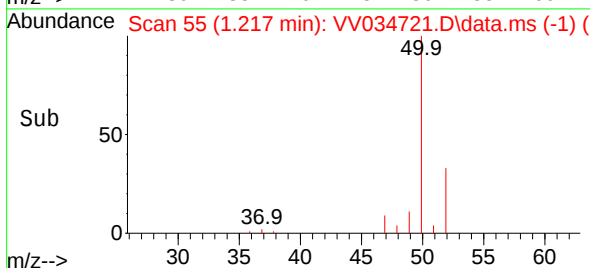
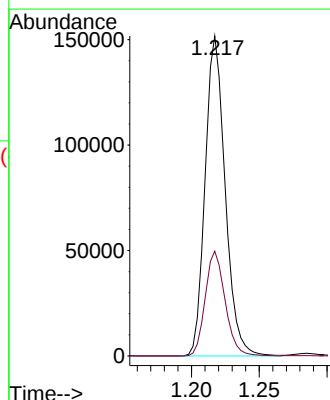
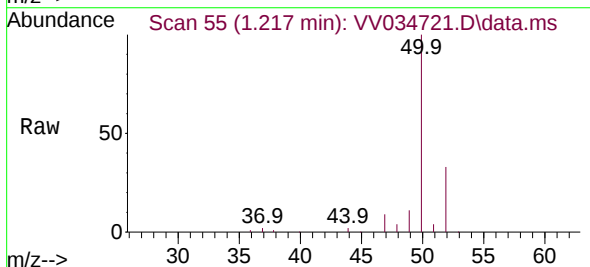
Instrument :
MSVOA_V
ClientSampleId :

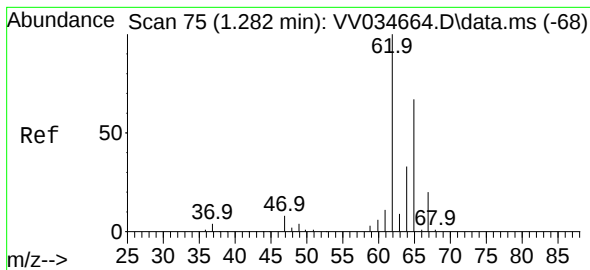
Tgt Ion: 85 Resp: 172803
Ion Ratio Lower Upper
85 100
87 31.9 25.5 38.3



#3
Chloromethane
Concen: 40.899 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

Tgt Ion: 50 Resp: 156064
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.8





#5

Vinyl chloride

Concen: 44.082 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.000 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Instrument :

MSVOA_V

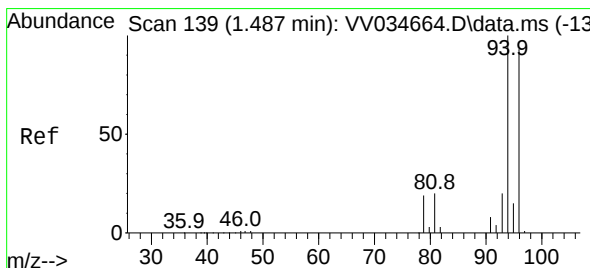
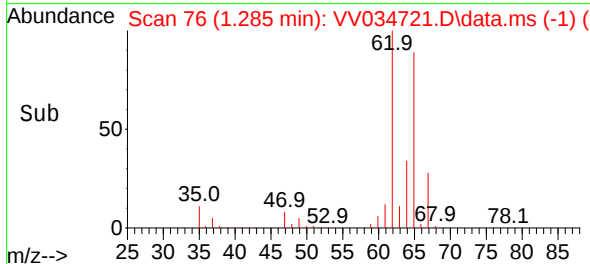
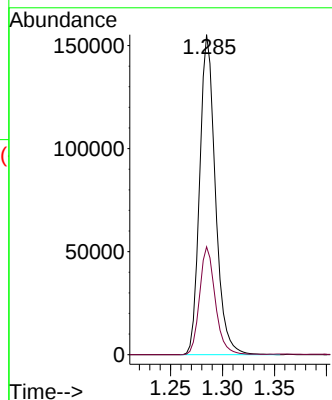
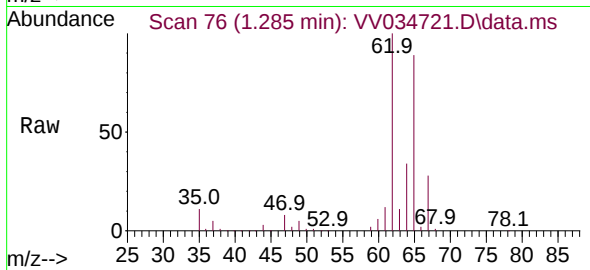
ClientSampleId :

Tgt Ion: 62 Resp: 163280

Ion Ratio Lower Upper

62 100

64 33.7 23.4 43.6



#6

Bromomethane

Concen: 44.349 ug/L

RT: 1.490 min Scan# 140

Delta R.T. 0.003 min

Lab File: VV034721.D

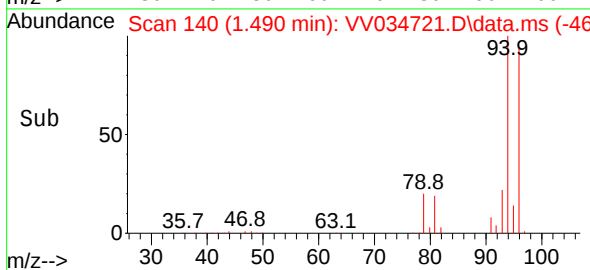
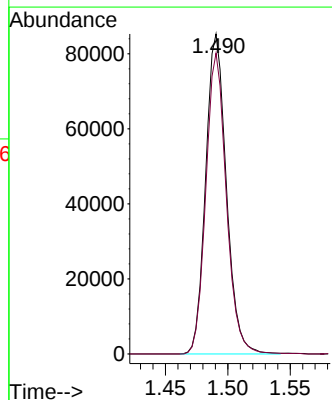
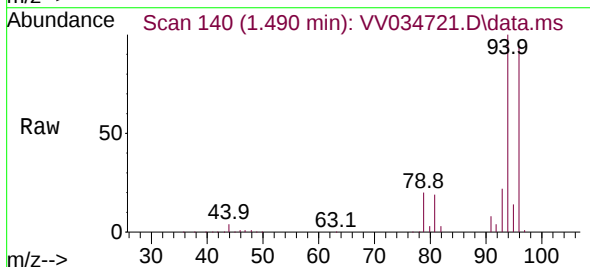
Acq: 19 Mar 2024 09:05

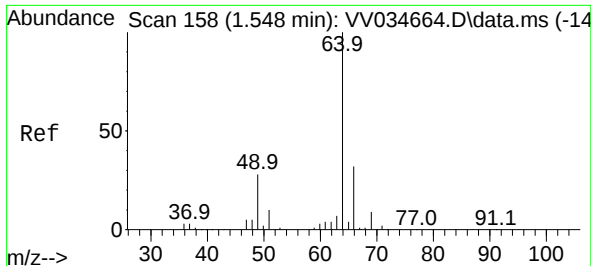
Tgt Ion: 94 Resp: 98559

Ion Ratio Lower Upper

94 100

96 94.0 66.0 122.6

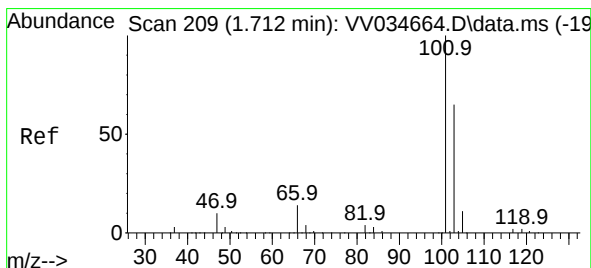
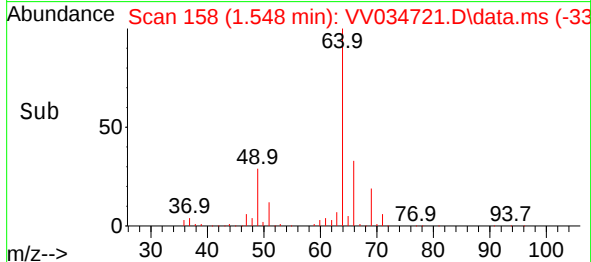
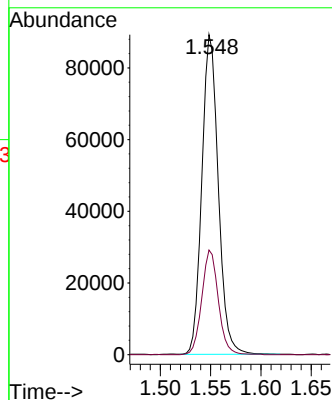
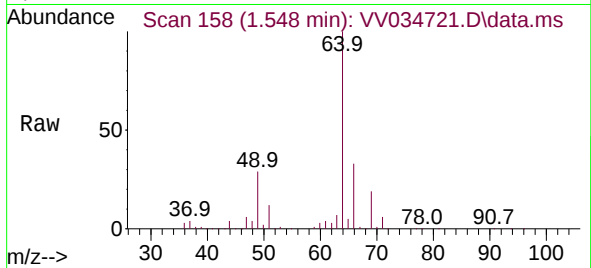




#8
Chloroethane
Concen: 46.008 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

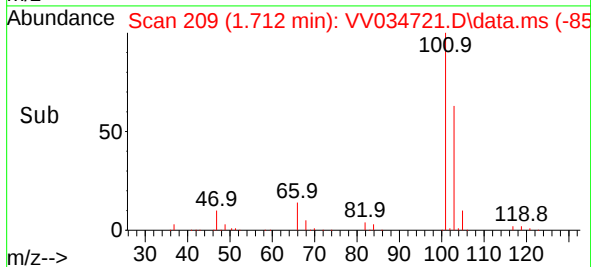
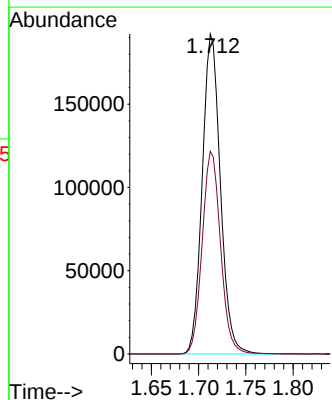
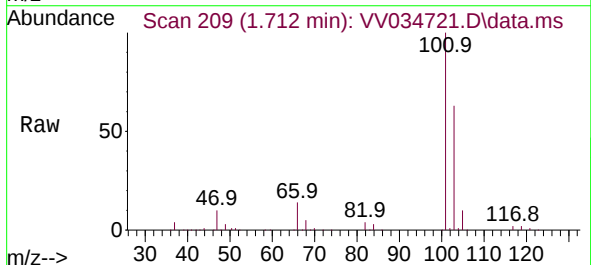
Instrument :
MSVOA_V
ClientSampleId :

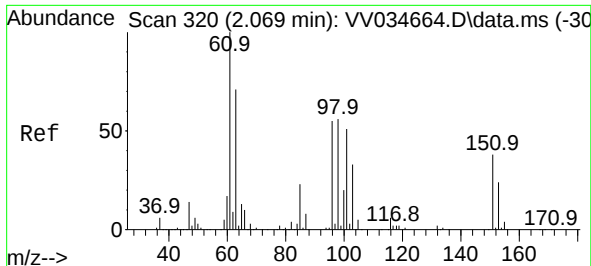
Tgt Ion: 64 Resp: 101289
Ion Ratio Lower Upper
64 100
66 32.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 46.306 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

Tgt Ion:101 Resp: 256854
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.8





#10

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

Concen: 49.401 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.003 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

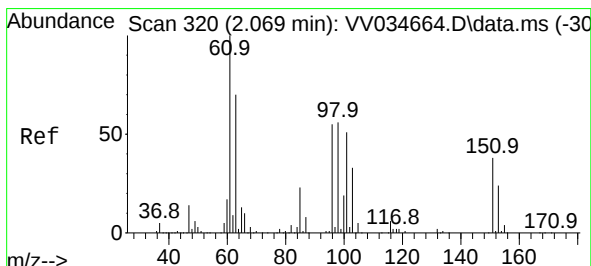
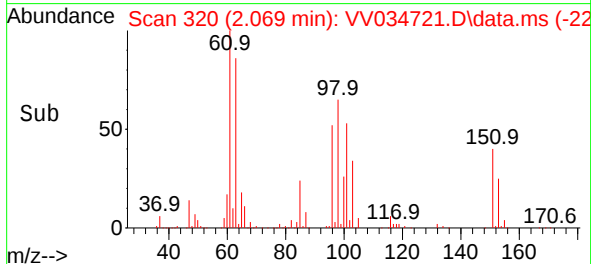
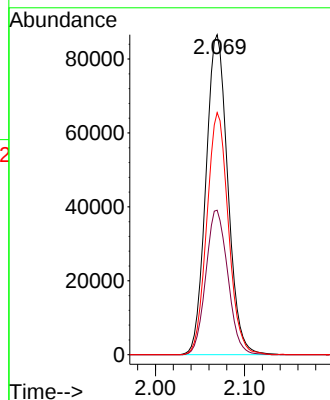
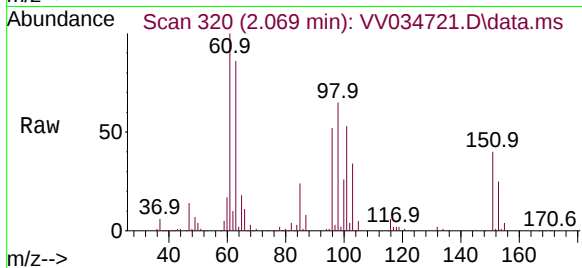
Tgt Ion:101 Resp: 147688

Ion Ratio Lower Upper

101 100

85 45.4 37.4 56.0

151 74.6 61.4 92.2



#12

1,1-Dichloroethene

Concen: 45.978 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

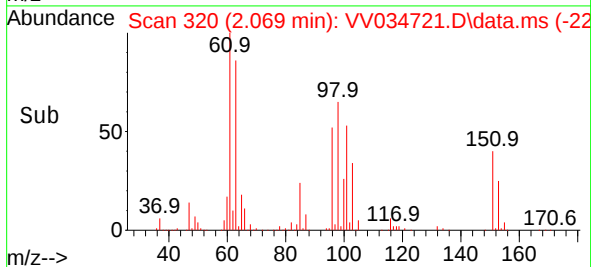
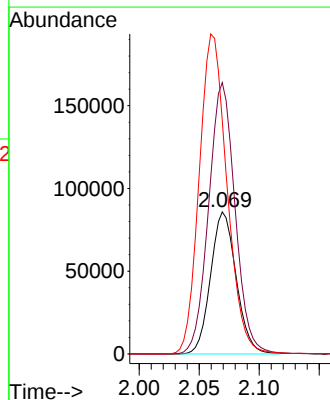
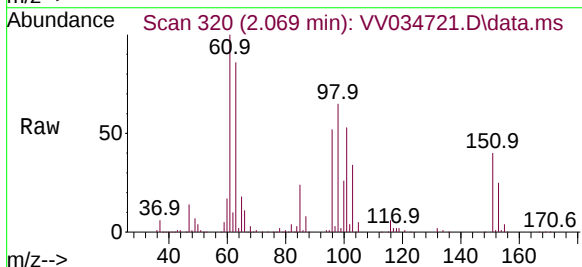
Tgt Ion: 96 Resp: 127460

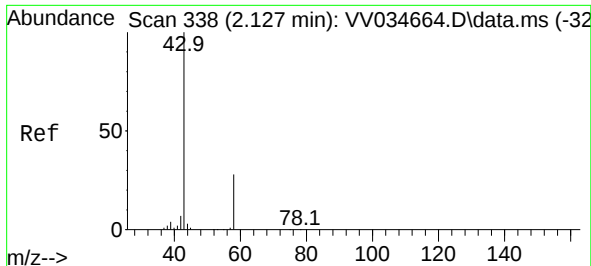
Ion Ratio Lower Upper

96 100

61 191.1 128.9 239.3

63 164.2 98.0 182.0





#13

Acetone

Concen: 106.146 ug/L

RT: 2.121 min Scan# 338

Delta R.T. 0.003 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Instrument :

MSVOA_V

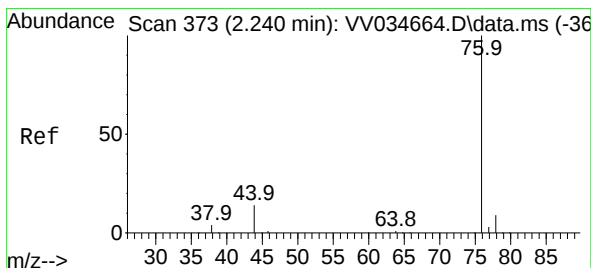
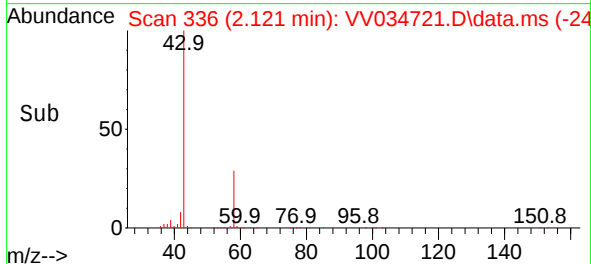
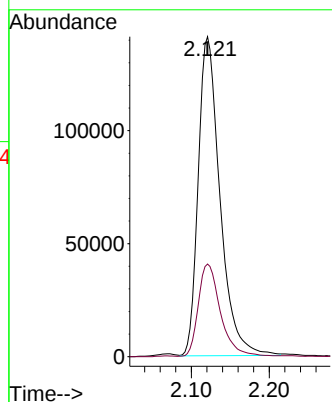
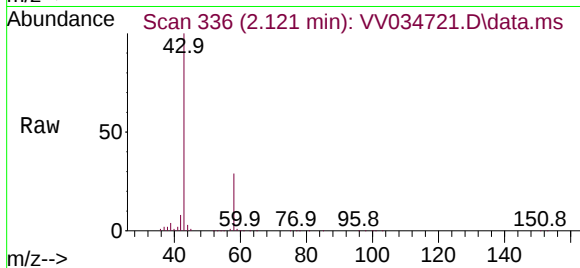
ClientSampleId :

Tgt Ion: 43 Resp: 273873

Ion Ratio Lower Upper

43 100

58 29.4 0.0 57.2



#14

Carbon disulfide

Concen: 41.757 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034721.D

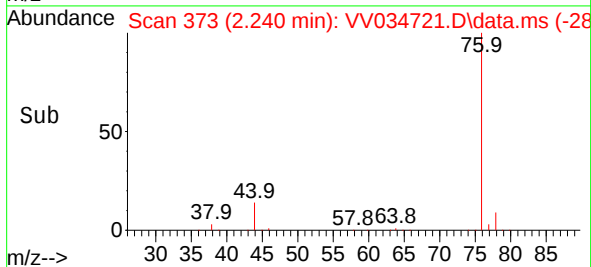
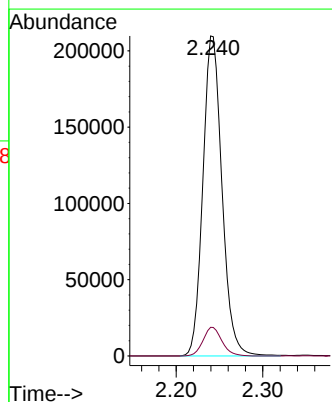
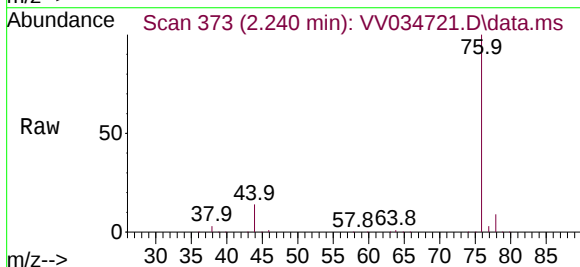
Acq: 19 Mar 2024 09:05

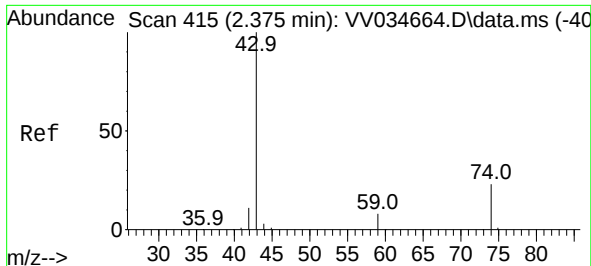
Tgt Ion: 76 Resp: 321262

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3





#15

Methyl Acetate

Concen: 52.062 ug/L

RT: 2.371 min Scan# 415

Delta R.T. 0.000 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Instrument :

MSVOA_V

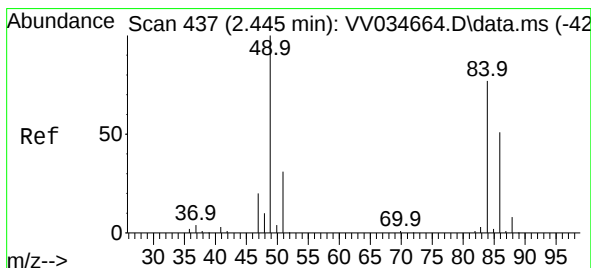
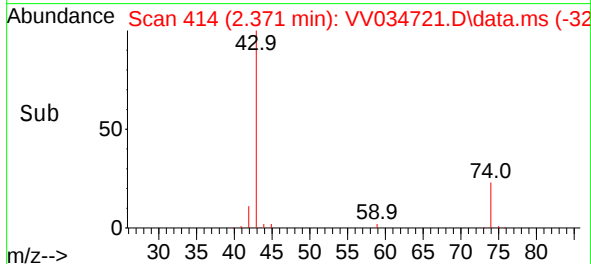
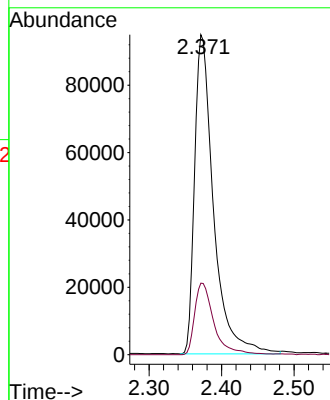
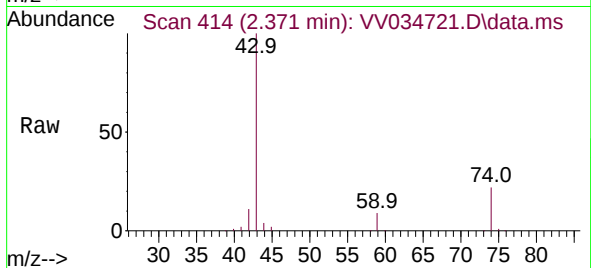
ClientSampleId :

Tgt Ion: 43 Resp: 171850

Ion Ratio Lower Upper

43 100

74 22.7 17.8 26.8



#16

Methylene chloride

Concen: 51.337 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

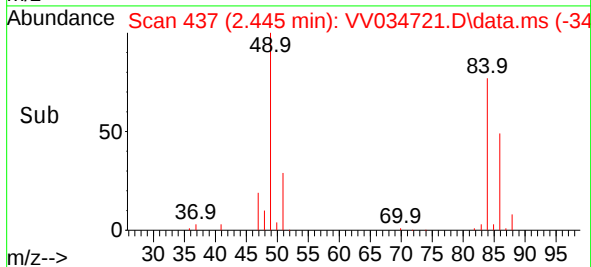
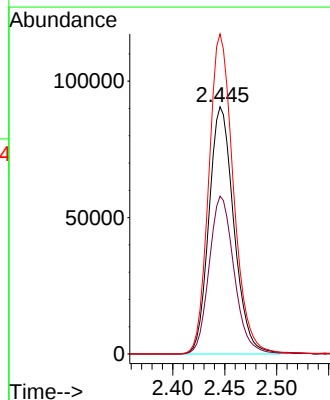
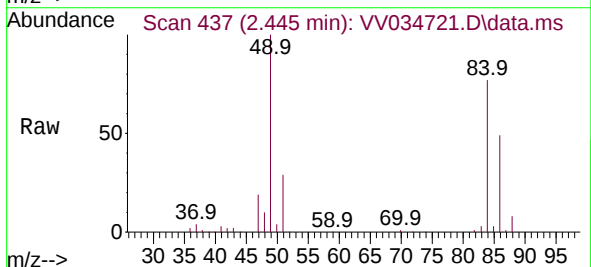
Tgt Ion: 84 Resp: 150959

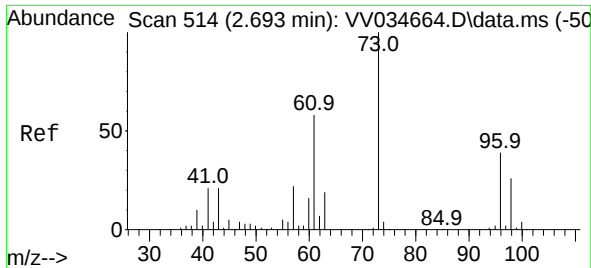
Ion Ratio Lower Upper

84 100

86 63.8 45.6 84.6

49 129.5 92.3 171.3

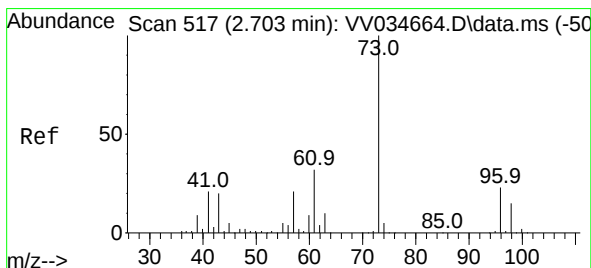
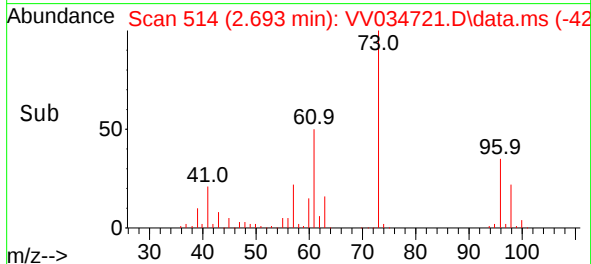
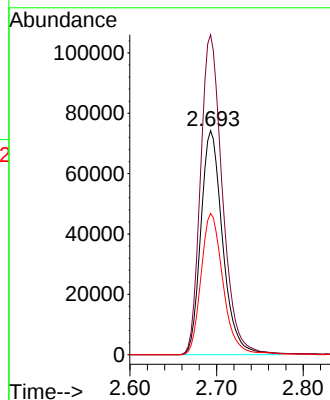
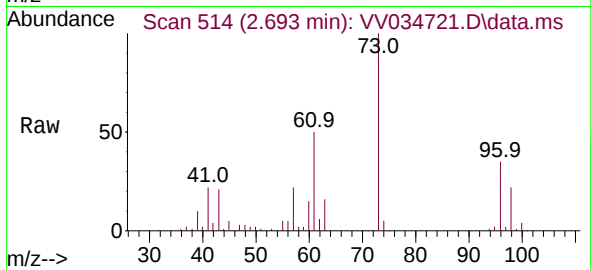




#17
trans-1,2-Dichloroethene
Concen: 48.544 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

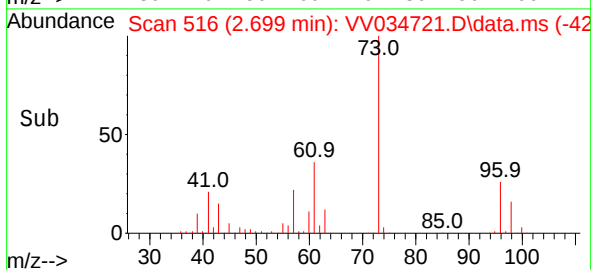
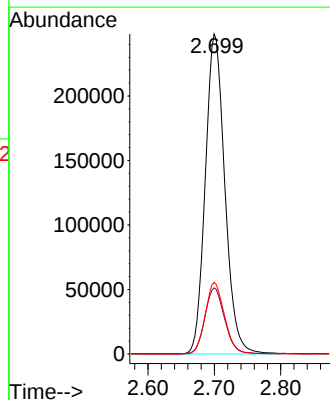
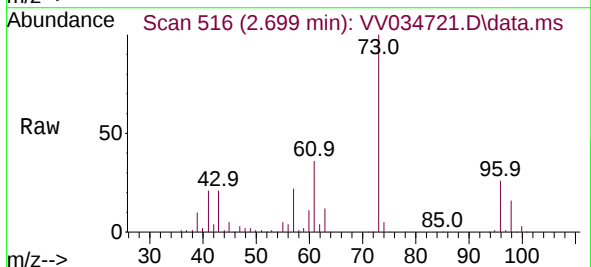
Instrument :
MSVOA_V
ClientSampleId :

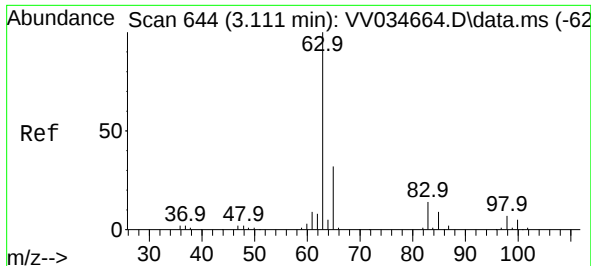
Tgt Ion: 96 Resp: 130253
Ion Ratio Lower Upper
96 100
61 142.9 98.8 183.4
98 63.1 46.1 85.5



#18
Methyl tert-butyl Ether
Concen: 52.698 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

Tgt Ion: 73 Resp: 507782
Ion Ratio Lower Upper
73 100
43 20.5 17.1 25.7
57 22.1 17.6 26.4





#19

1,1-Dichloroethane

Concen: 53.326 ug/L

RT: 3.108 min Scan# 644

Delta R.T. -0.003 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

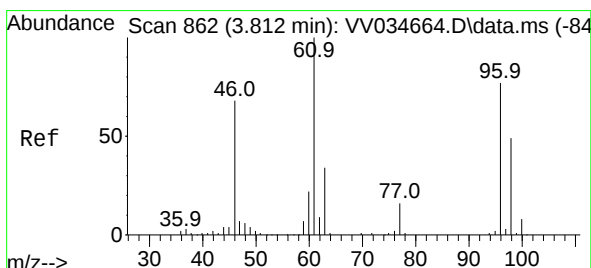
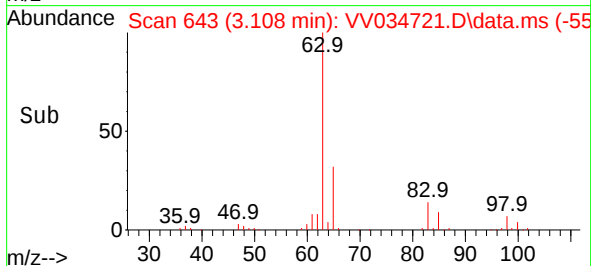
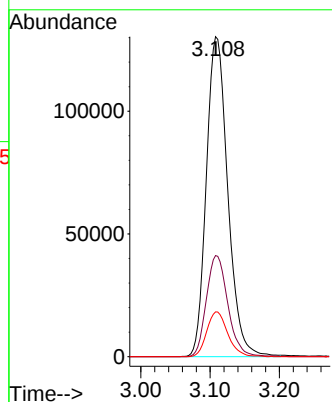
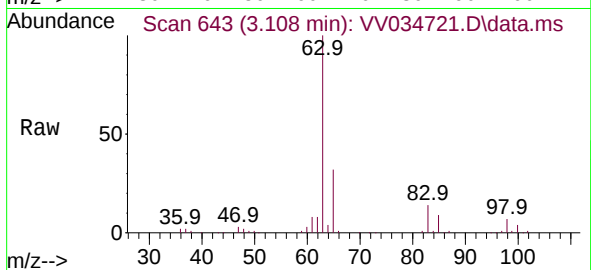
Tgt Ion: 63 Resp: 280292

Ion Ratio Lower Upper

63 100

65 31.6 22.1 41.1

83 14.0 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 52.061 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

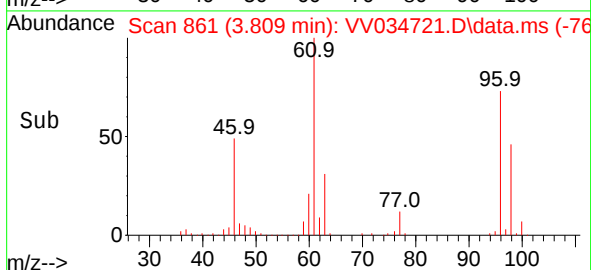
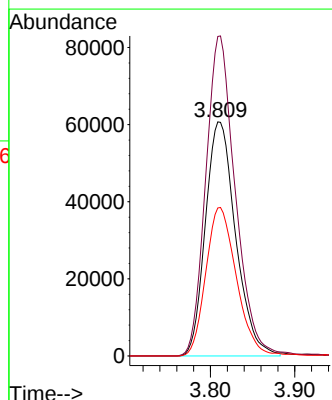
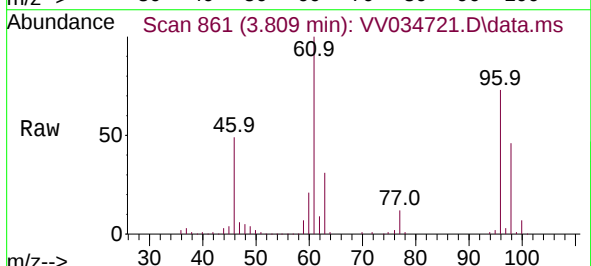
Tgt Ion: 96 Resp: 151561

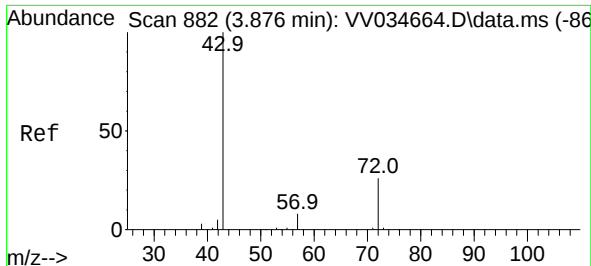
Ion Ratio Lower Upper

96 100

61 136.5 96.0 178.4

98 63.2 46.0 85.4





#22

2-Butanone

Concen: 102.914 ug/L

RT: 3.867 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Instrument :

MSVOA_V

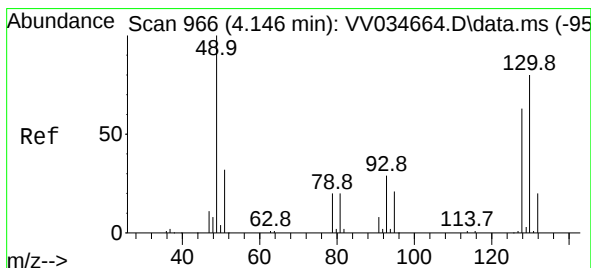
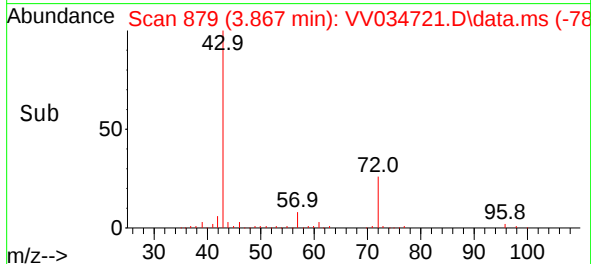
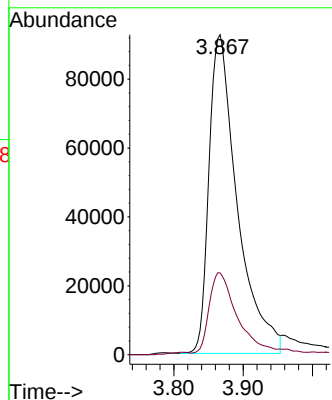
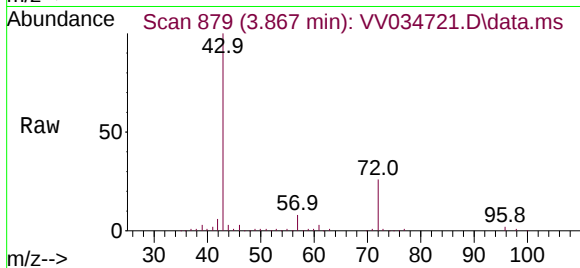
ClientSampleId :

Tgt Ion: 43 Resp: 262209

Ion Ratio Lower Upper

43 100

72 24.4 11.5 34.4



#23

Bromochloromethane

Concen: 52.830 ug/L

RT: 4.143 min Scan# 965

Delta R.T. -0.003 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Tgt Ion:128 Resp: 79530

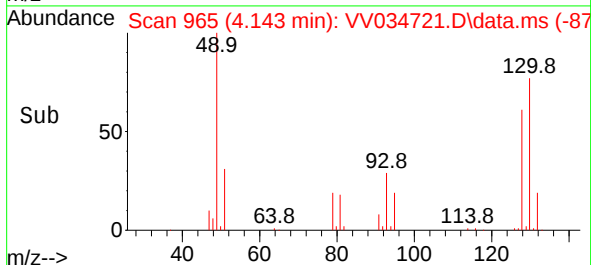
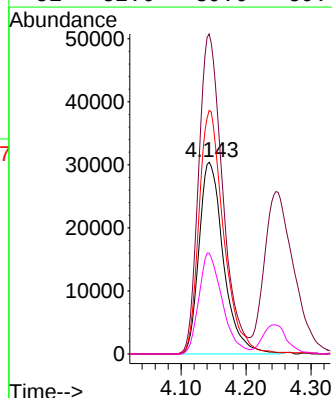
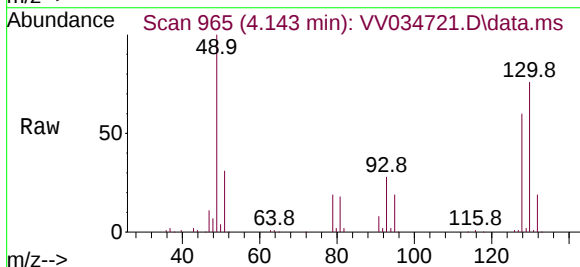
Ion Ratio Lower Upper

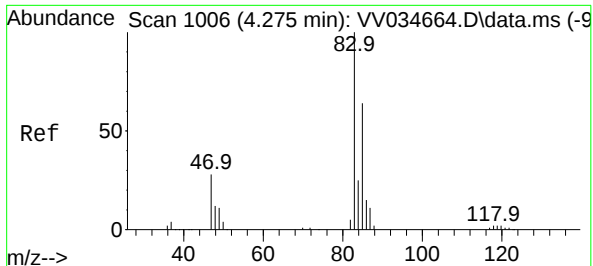
128 100

49 166.9 109.4 203.2

130 127.0 87.7 162.9

51 52.6 39.6 59.4





#25

Chloroform

Concen: 52.355 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Instrument :

MSVOA_V

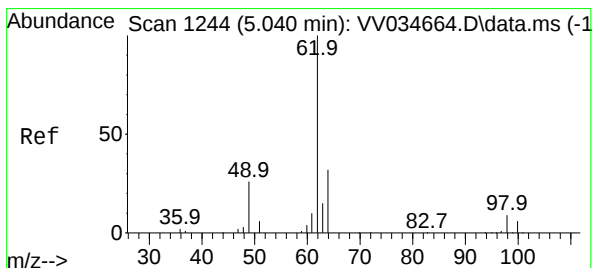
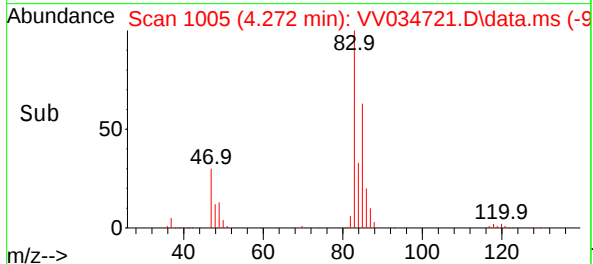
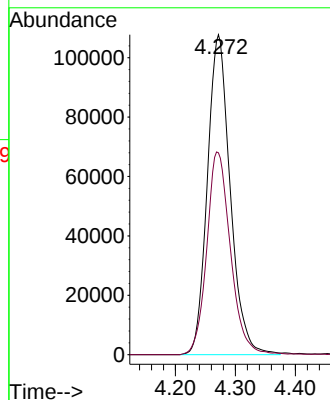
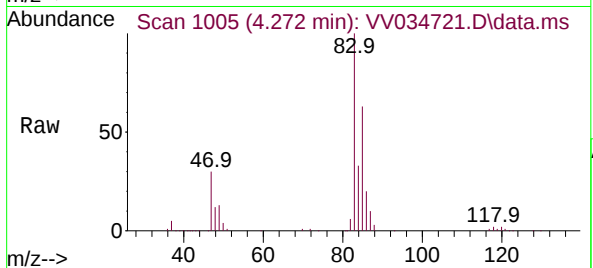
ClientSampleId :

Tgt Ion: 83 Resp: 285230

Ion Ratio Lower Upper

83 100

85 63.1 45.5 84.5



#27

1,2-Dichloroethane

Concen: 51.964 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.006 min

Lab File: VV034721.D

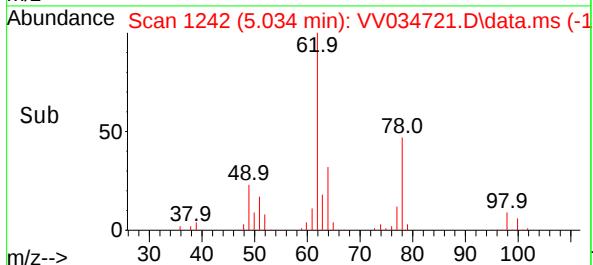
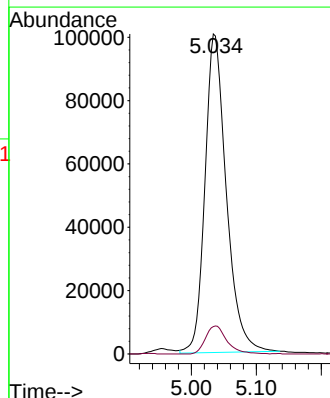
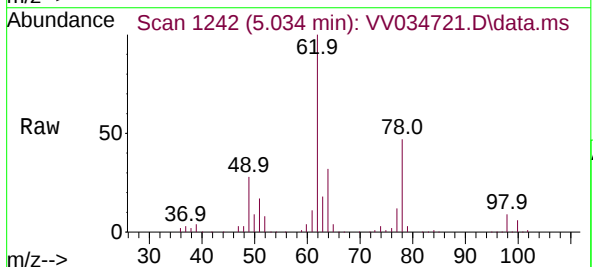
Acq: 19 Mar 2024 09:05

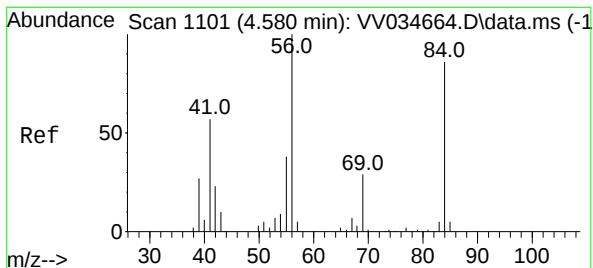
Tgt Ion: 62 Resp: 230009

Ion Ratio Lower Upper

62 100

98 8.6 6.6 10.0





#29

Cyclohexane

Concen: 47.152 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

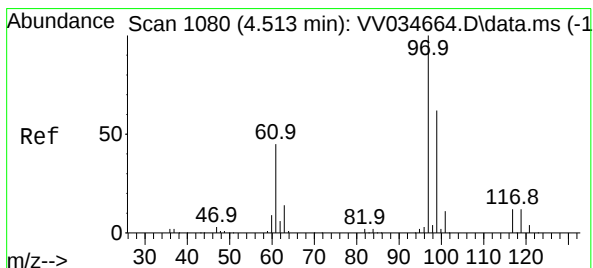
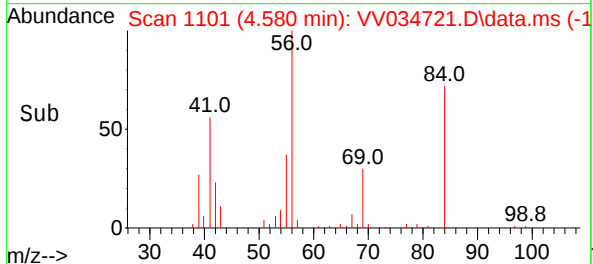
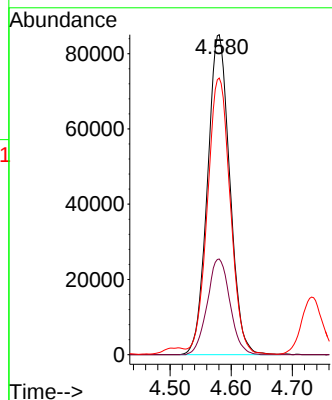
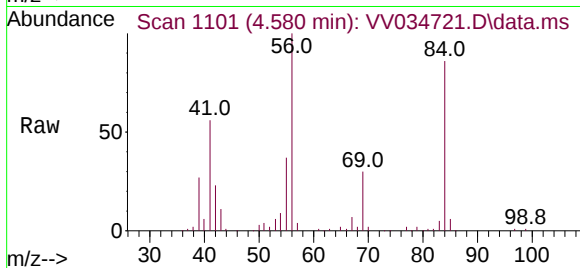
Tgt Ion: 56 Resp: 215906

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.4

84 87.8 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 50.761 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.003 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

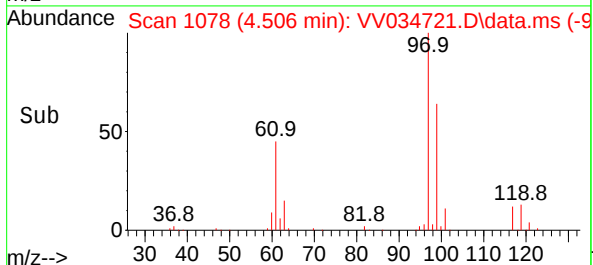
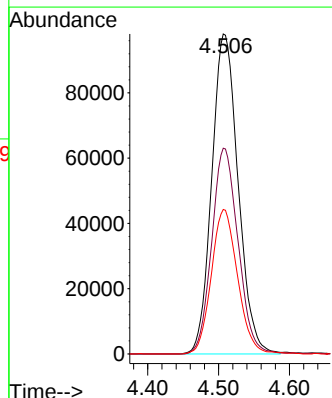
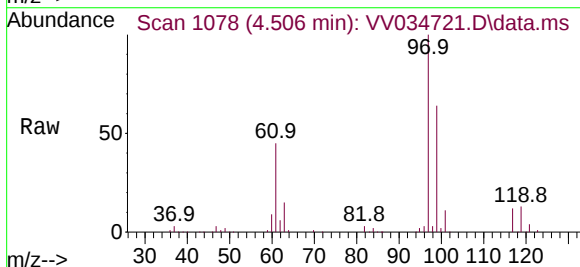
Tgt Ion: 97 Resp: 253397

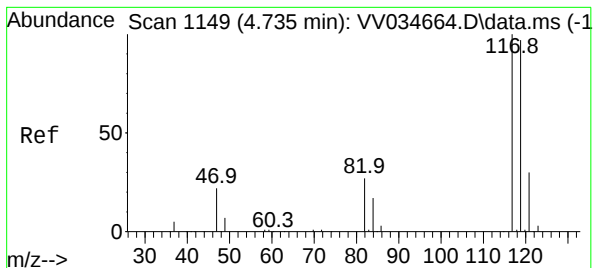
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 45.1 36.0 54.0





#31

Carbon tetrachloride

Concen: 50.190 ug/L

RT: 4.732 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Instrument :

MSVOA_V

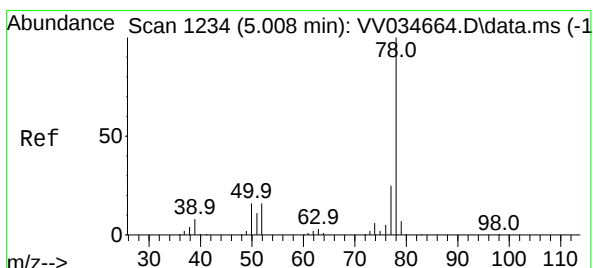
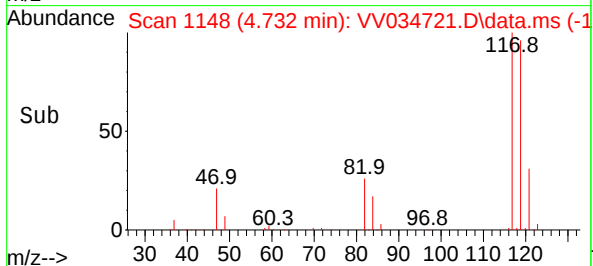
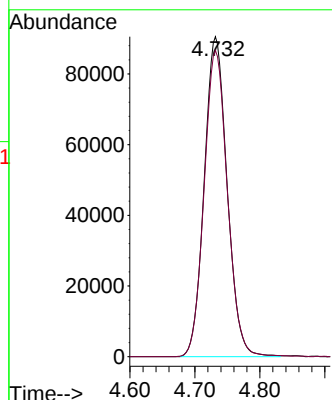
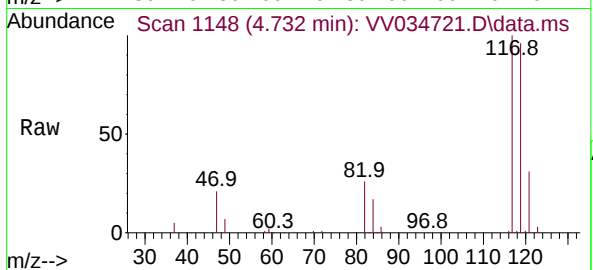
ClientSampleId :

Tgt Ion:117 Resp: 221822

Ion Ratio Lower Upper

117 100

119 97.2 77.5 116.3



#33

Benzene

Concen: 51.949 ug/L

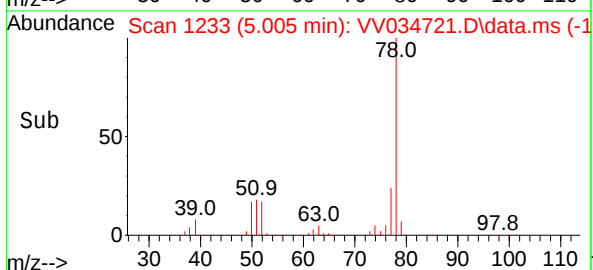
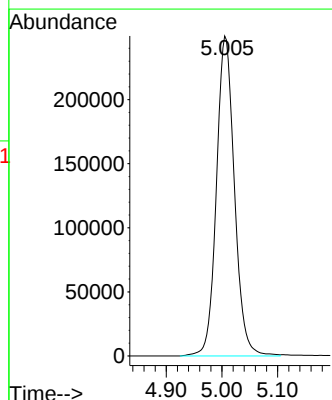
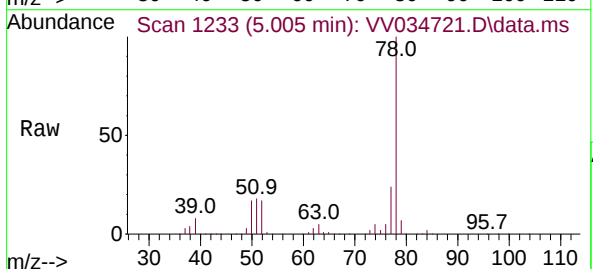
RT: 5.005 min Scan# 1233

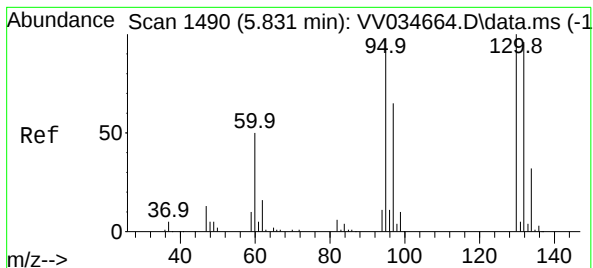
Delta R.T. -0.003 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Tgt Ion: 78 Resp: 561338





#34

Trichloroethene

Concen: 48.049 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 147584

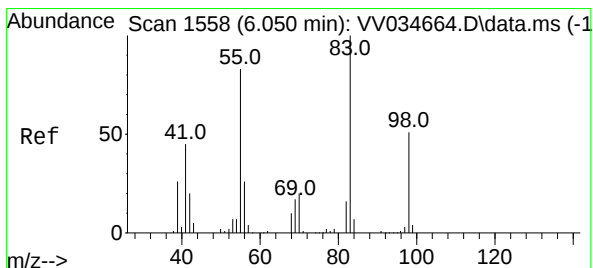
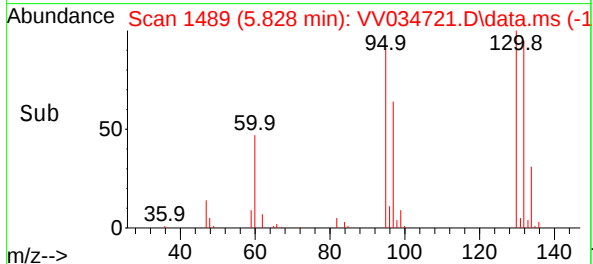
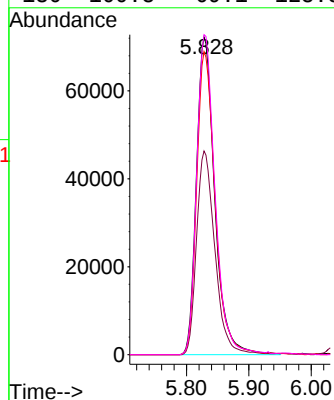
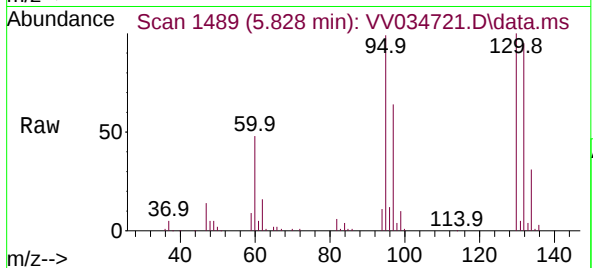
Ion Ratio Lower Upper

95 100

97 64.2 44.7 83.1

132 95.5 65.3 121.3

130 100.8 69.1 128.3



#35

Methylcyclohexane

Concen: 47.470 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.003 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

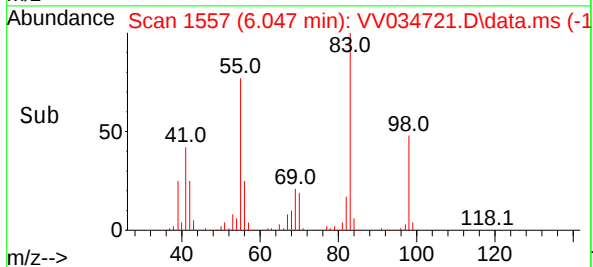
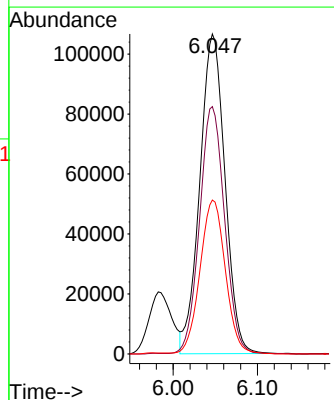
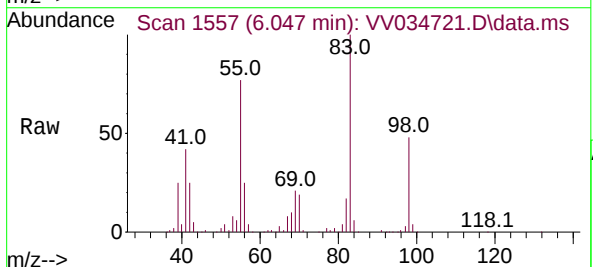
Tgt Ion: 83 Resp: 221664

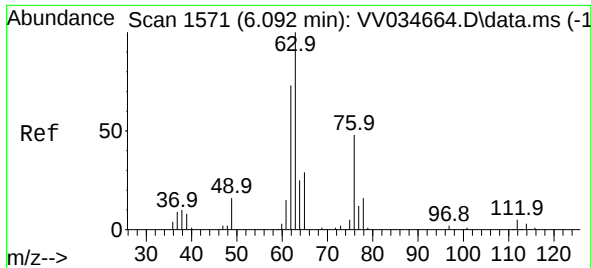
Ion Ratio Lower Upper

83 100

55 77.1 62.6 94.0

98 48.6 39.5 59.3

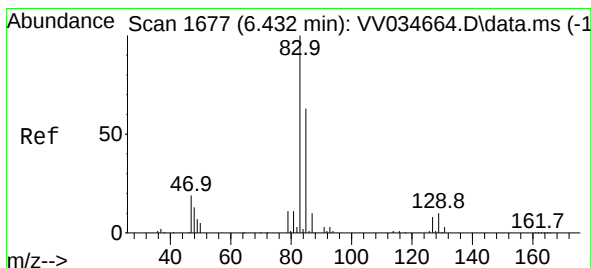
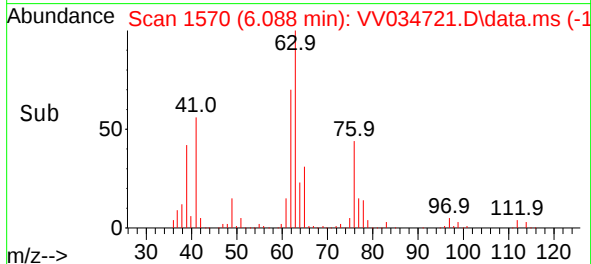
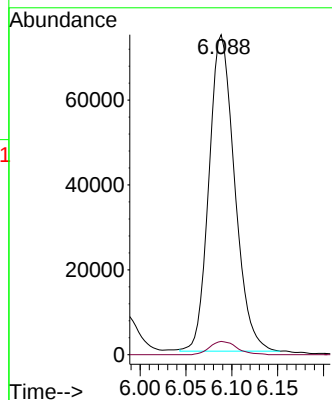
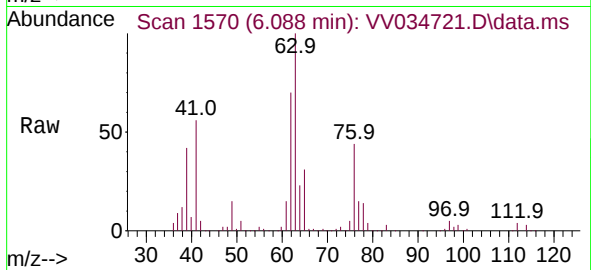




#37
1,2-Dichloropropane
Concen: 51.369 ug/L
RT: 6.088 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

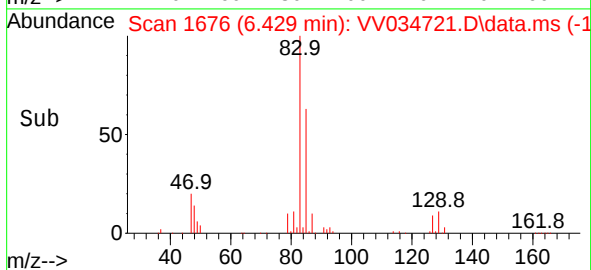
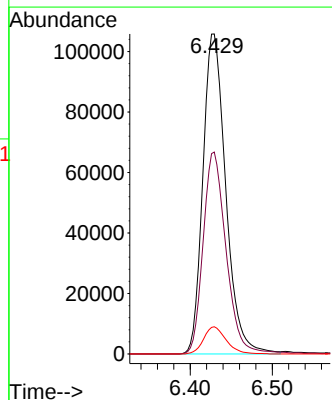
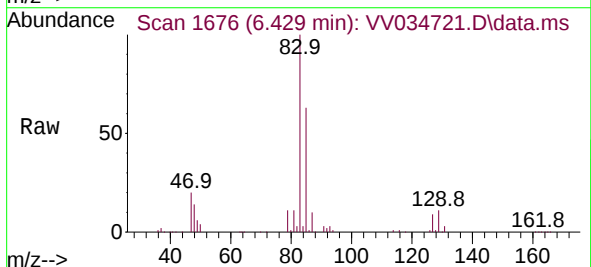
Instrument :
MSVOA_V
ClientSampleId :

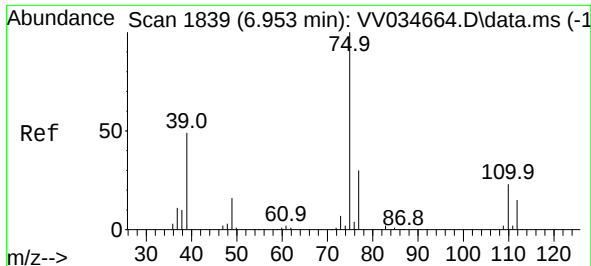
Tgt Ion: 63 Resp: 145325
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 51.591 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

Tgt Ion: 83 Resp: 205296
Ion Ratio Lower Upper
83 100
85 63.1 44.6 82.8
127 8.5 6.9 10.3

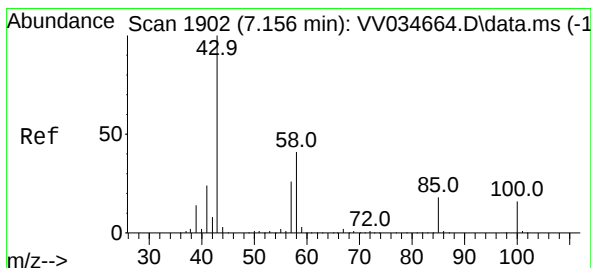
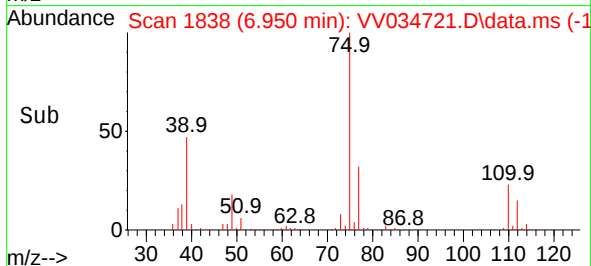
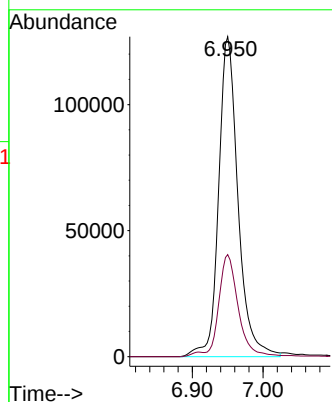
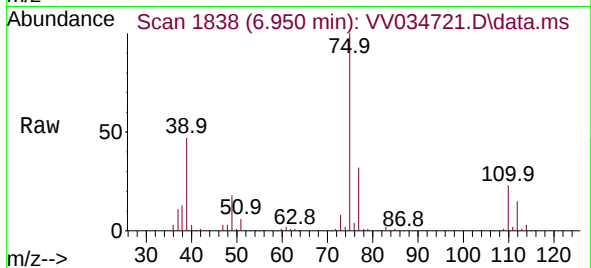




#39
cis-1,3-Dichloropropene
Concen: 52.590 ug/L
RT: 6.950 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

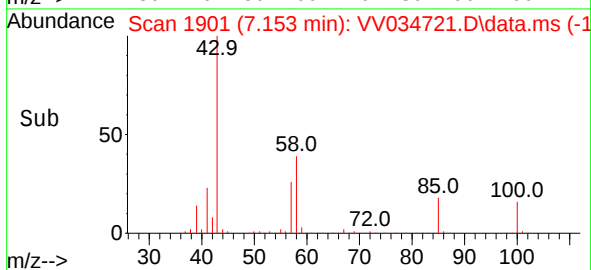
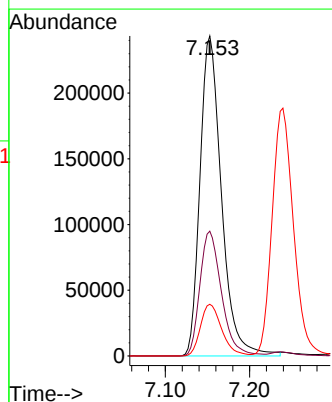
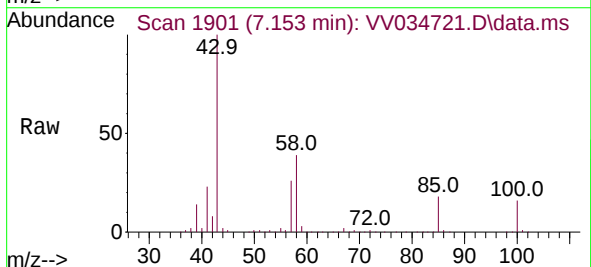
Instrument :
MSVOA_V
ClientSampleId :

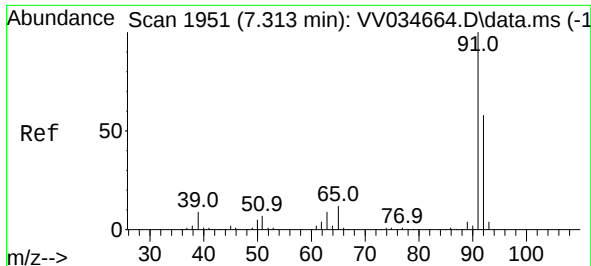
Tgt Ion: 75 Resp: 241047
Ion Ratio Lower Upper
75 100
77 31.9 20.9 38.9



#40
4-Methyl-2-pentanone
Concen: 103.637 ug/L
RT: 7.153 min Scan# 1901
Delta R.T. -0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

Tgt Ion: 43 Resp: 432327
Ion Ratio Lower Upper
43 100
58 39.1 30.6 46.0
100 16.0 12.5 18.7





#42

Toluene

Concen: 50.816 ug/L

RT: 7.310 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Instrument :

MSVOA_V

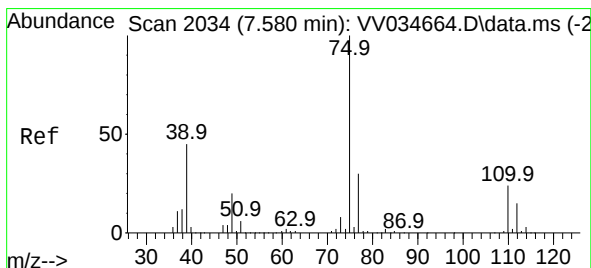
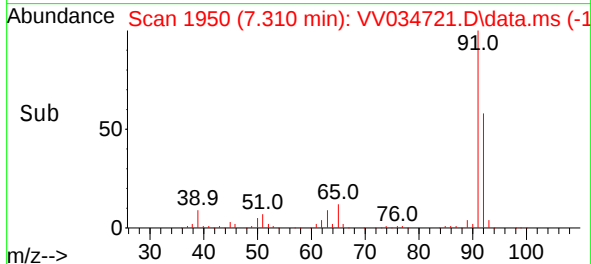
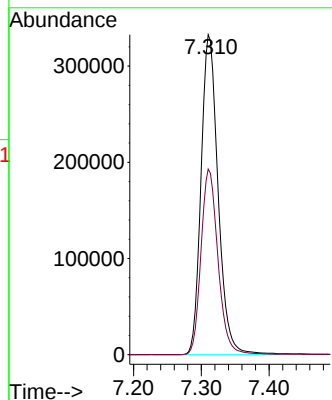
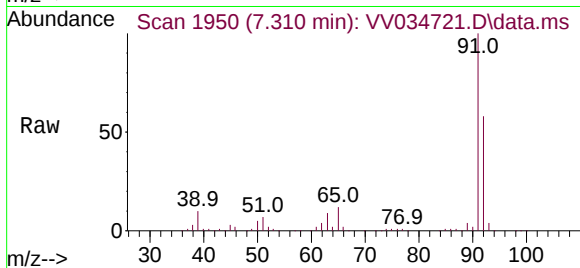
ClientSampleId :

Tgt Ion: 91 Resp: 581136

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 51.705 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV034721.D

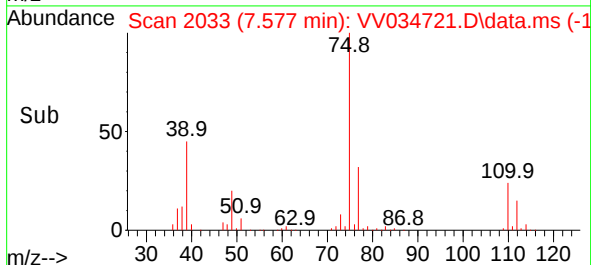
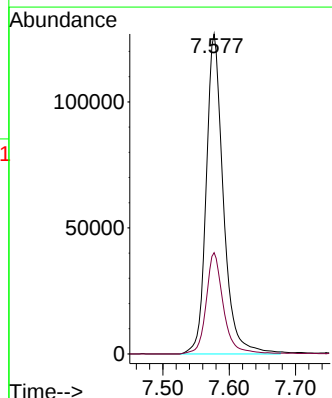
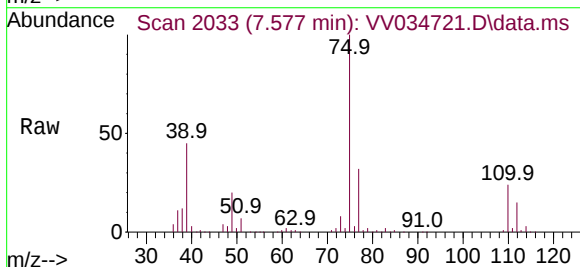
Acq: 19 Mar 2024 09:05

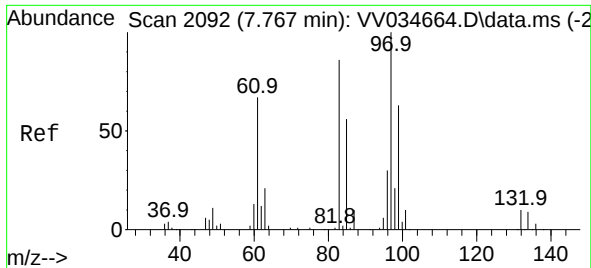
Tgt Ion: 75 Resp: 227930

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4

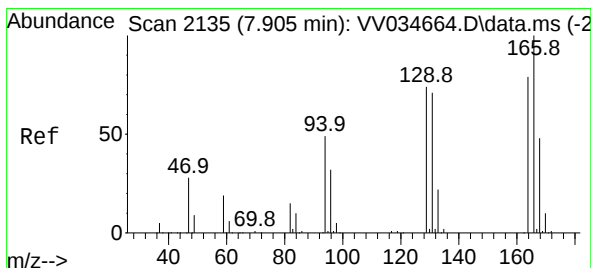
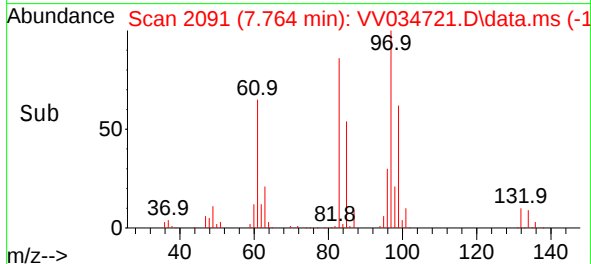
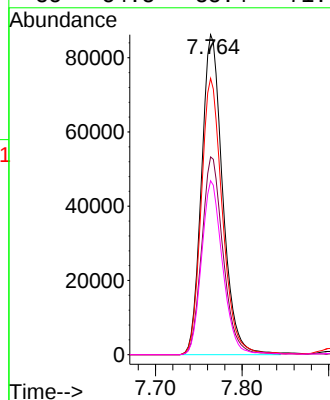
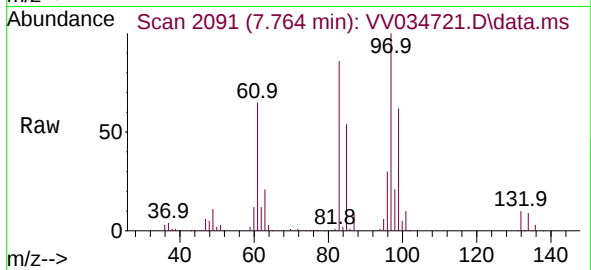




#45
1,1,2-Trichloroethane
Concen: 53.735 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

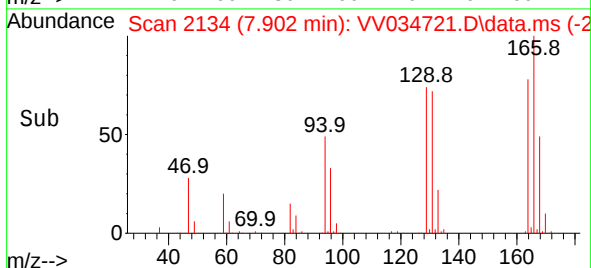
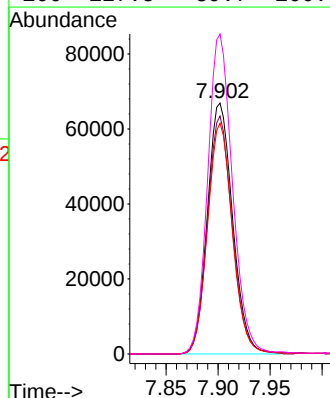
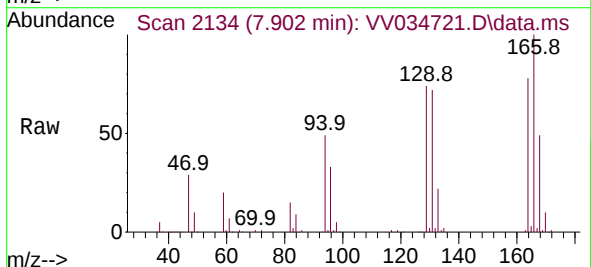
Instrument :
MSVOA_V
ClientSampleId :

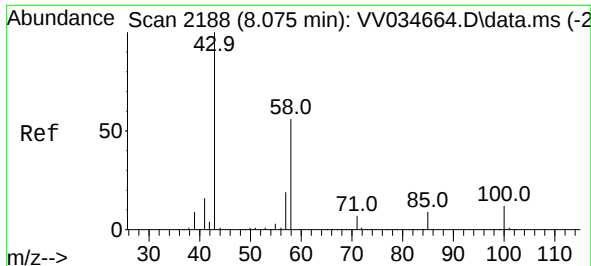
Tgt Ion:	97	Resp:	146675
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.8	81.4
83	86.4	59.4	110.2
85	54.3	38.4	71.4



#46
Tetrachloroethene
Concen: 49.666 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

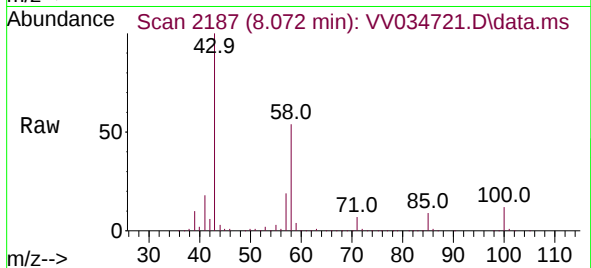
Tgt Ion:	164	Resp:	113451
Ion	Ratio	Lower	Upper
164	100		
129	94.8	65.7	121.9
131	91.9	62.2	115.6
166	127.5	89.7	166.7



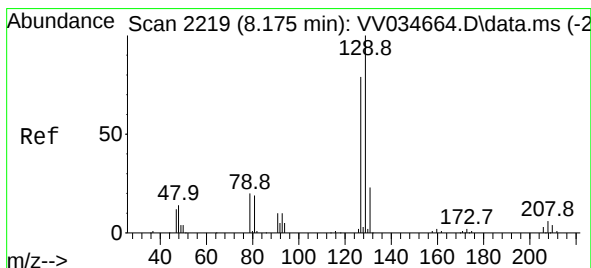
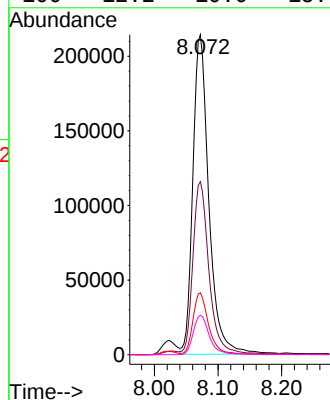
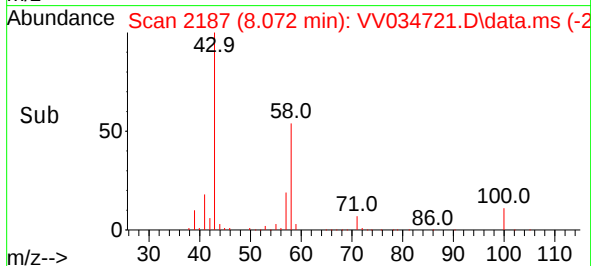


#48
2-Hexanone
Concen: 112.698 ug/L
RT: 8.072 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

Instrument :
MSVOA_V
ClientSampleId :

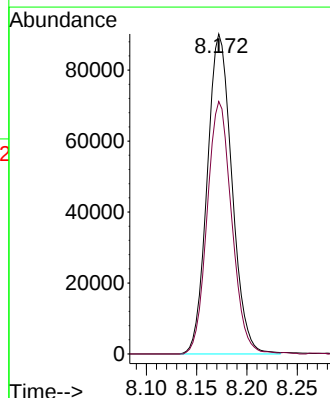
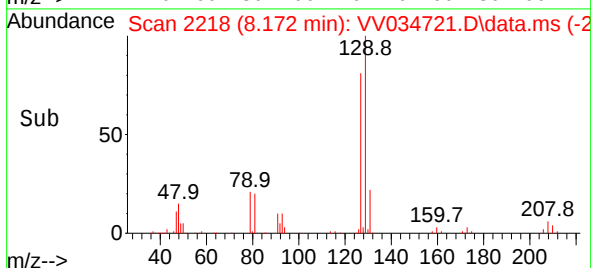
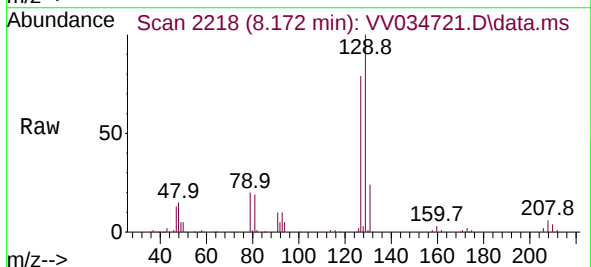


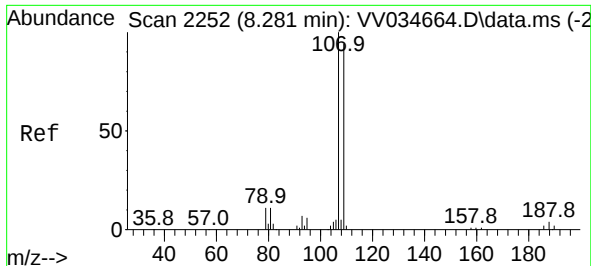
Tgt Ion: 43 Resp: 374615
Ion Ratio Lower Upper
43 100
58 54.3 42.0 63.0
57 18.6 15.2 22.8
100 12.2 10.0 15.0



#49
Dibromochloromethane
Concen: 53.626 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

Tgt Ion: 129 Resp: 154469
Ion Ratio Lower Upper
129 100
127 78.9 53.3 98.9

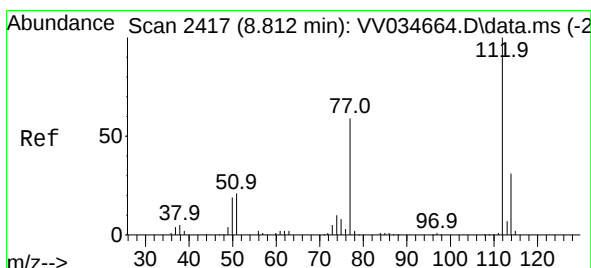
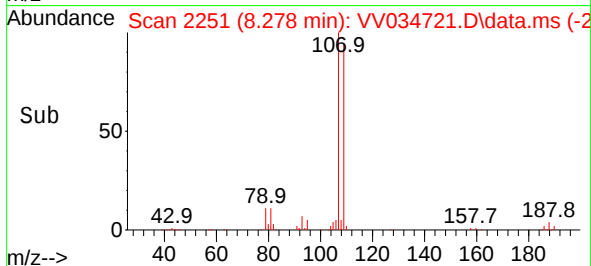
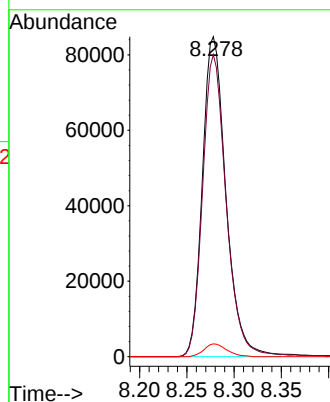
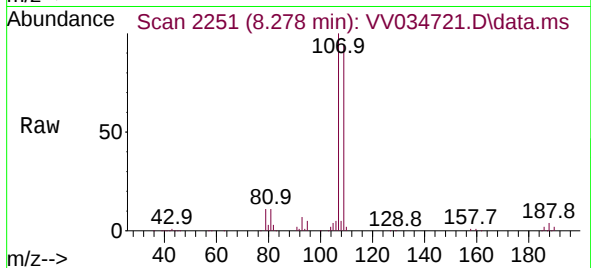




#50
1,2-Dibromoethane
Concen: 50.754 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

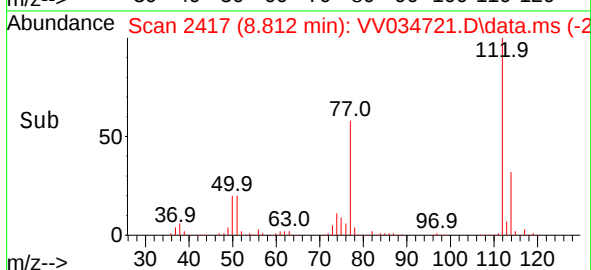
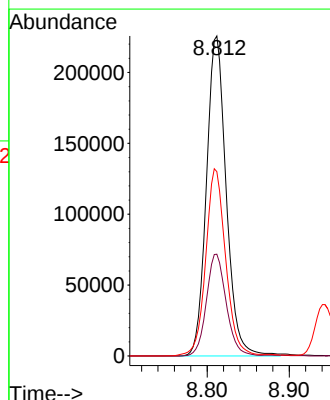
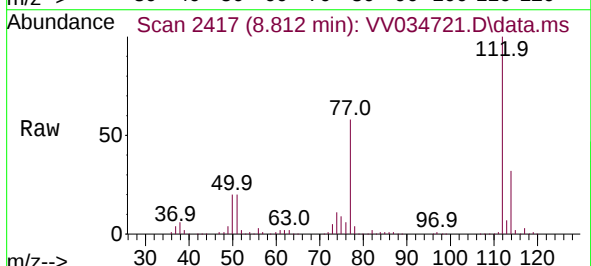
Instrument :
MSVOA_V
ClientSampleId :

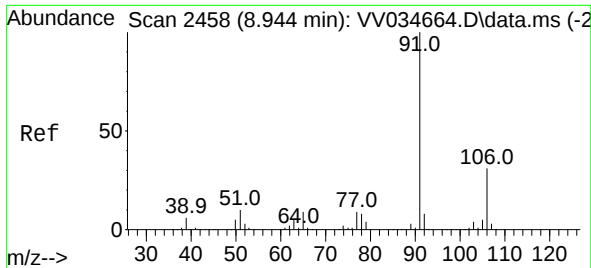
Tgt Ion:107 Resp: 147012
Ion Ratio Lower Upper
107 100
109 94.4 66.5 123.5
188 4.1 3.4 5.2



#51
Chlorobenzene
Concen: 51.191 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

Tgt Ion:112 Resp: 378464
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.5
77 57.6 47.7 71.5

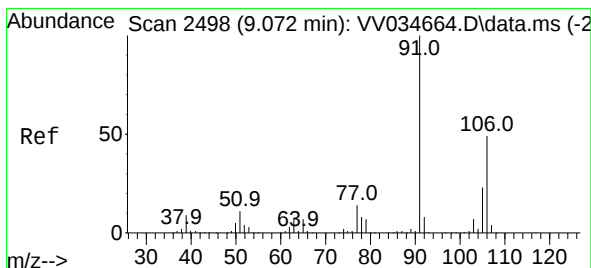
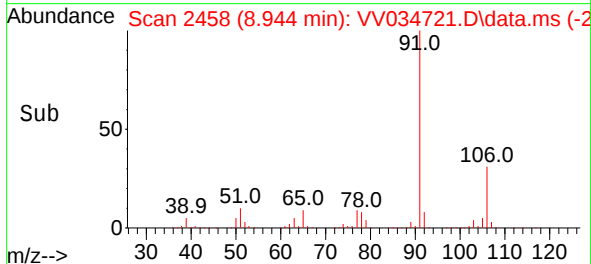
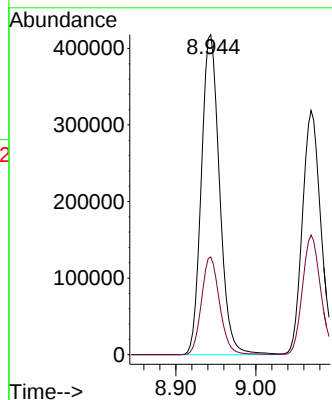
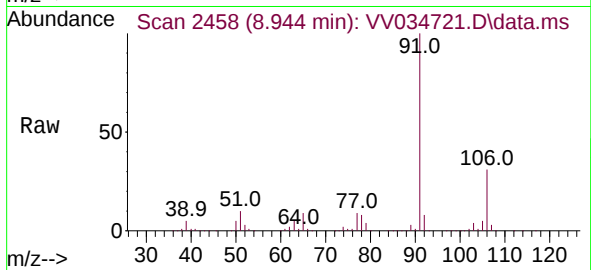




#52
Ethylbenzene
Concen: 51.785 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

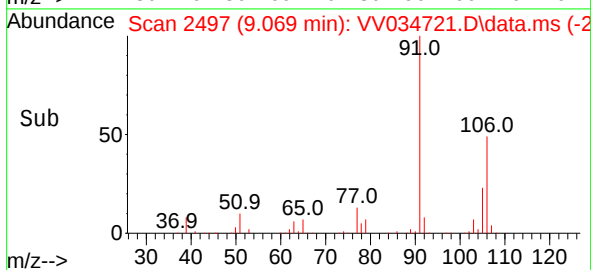
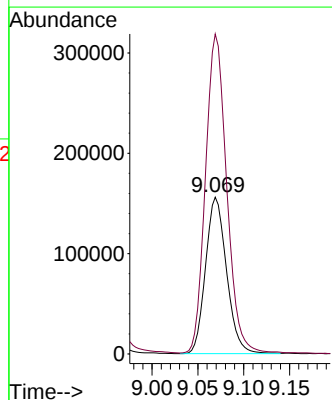
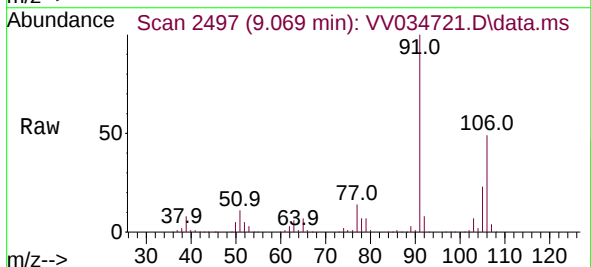
Instrument :
MSVOA_V
ClientSampleId :

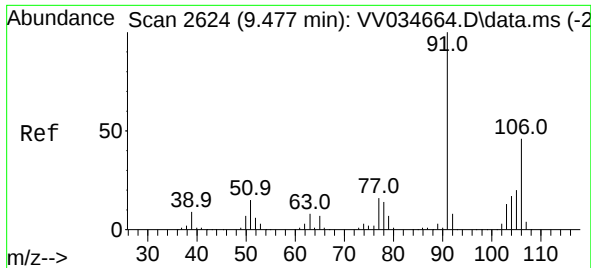
Tgt Ion: 91 Resp: 663571
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5



#53
m,p-Xylene
Concen: 51.125 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

Tgt Ion: 106 Resp: 248601
Ion Ratio Lower Upper
106 100
91 204.1 145.3 269.9

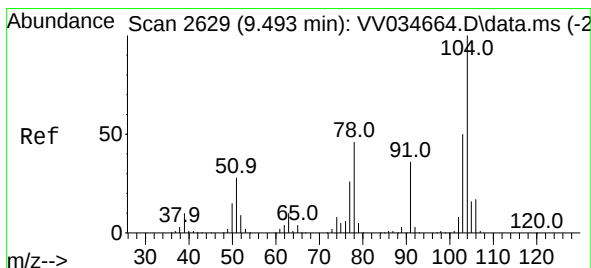
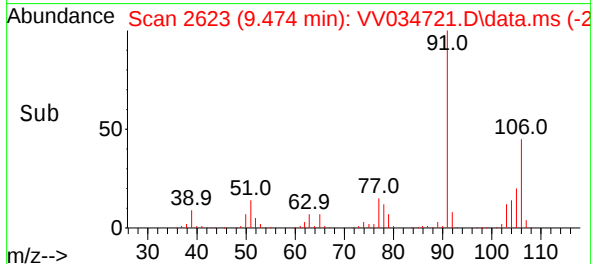
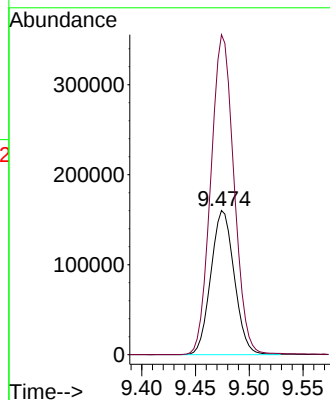
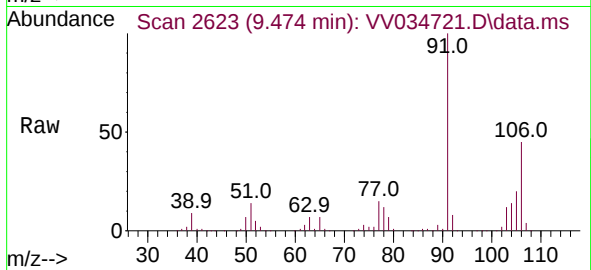




#54
o-Xylene
Concen: 51.024 ug/L
RT: 9.474 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

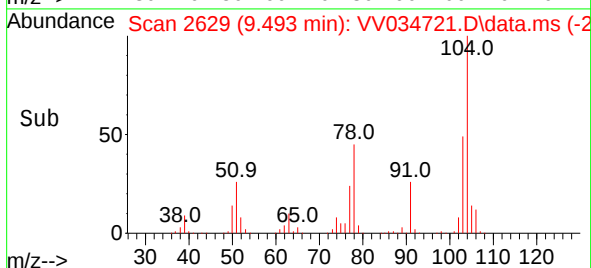
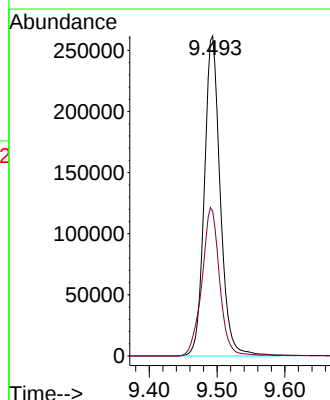
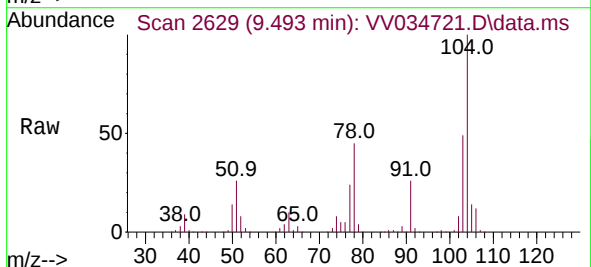
Instrument :
MSVOA_V
ClientSampleId :

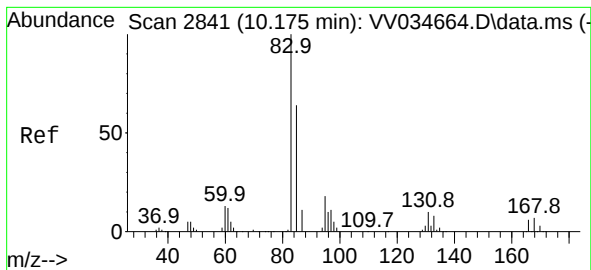
Tgt Ion:106 Resp: 242952
Ion Ratio Lower Upper
106 100
91 222.1 152.2 282.7



#55
Styrene
Concen: 52.918 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

Tgt Ion:104 Resp: 426626
Ion Ratio Lower Upper
104 100
78 45.2 33.0 61.4

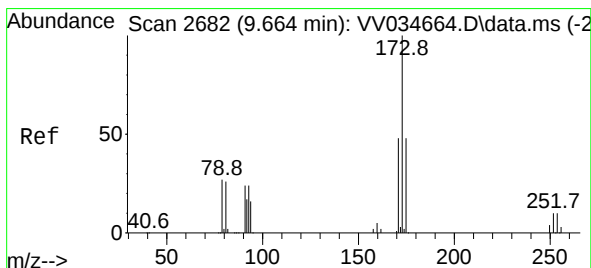
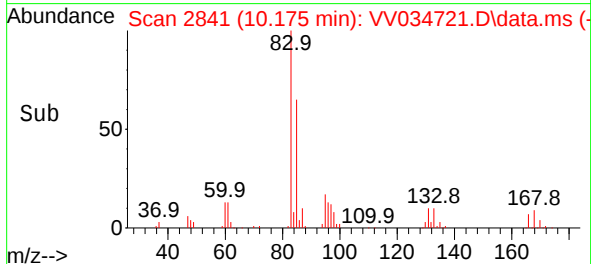
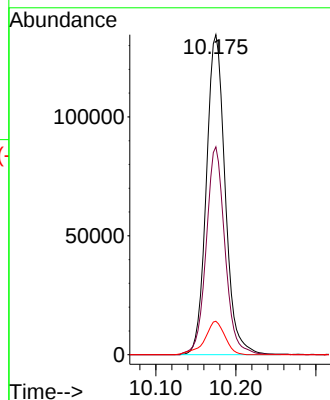
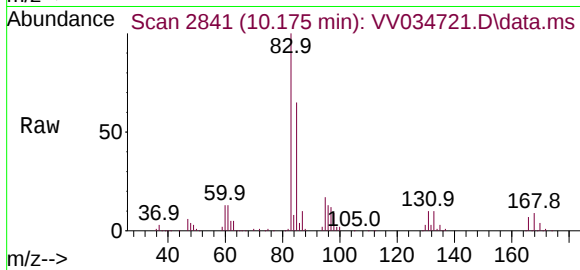




#57
1,1,2,2-Tetrachloroethane
Concen: 53.744 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

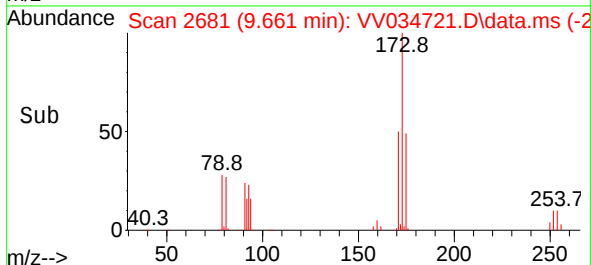
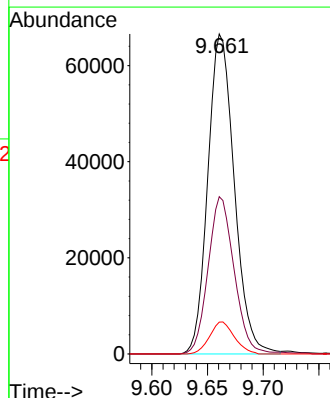
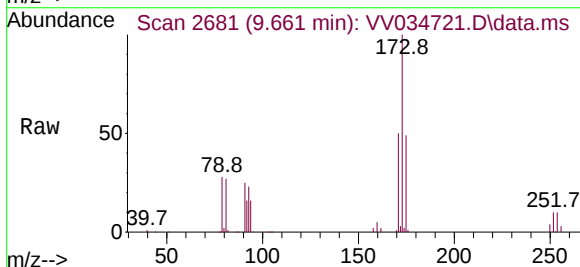
Instrument :
MSVOA_V
ClientSampleId :

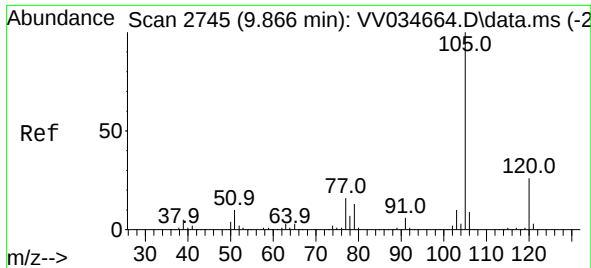
Tgt Ion: 83 Resp: 220338
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.2
131 10.5 8.3 12.5



#59
Bromoform
Concen: 54.193 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

Tgt Ion: 173 Resp: 110072
Ion Ratio Lower Upper
173 100
175 48.1 39.1 58.7
254 9.4 7.8 11.8

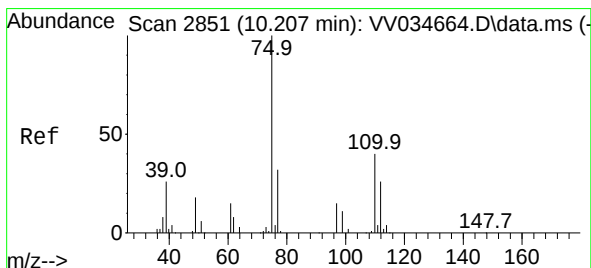
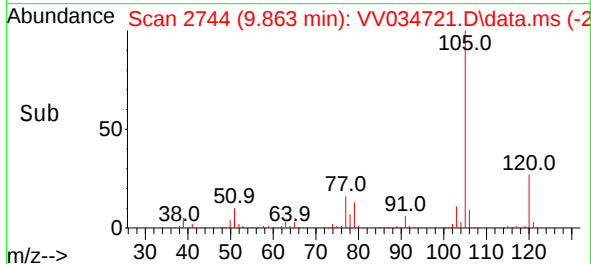
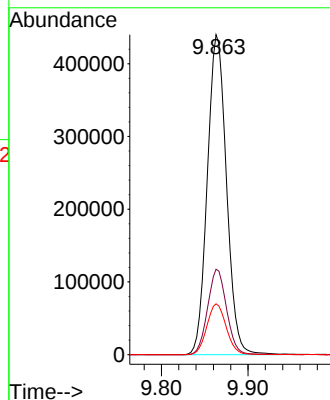
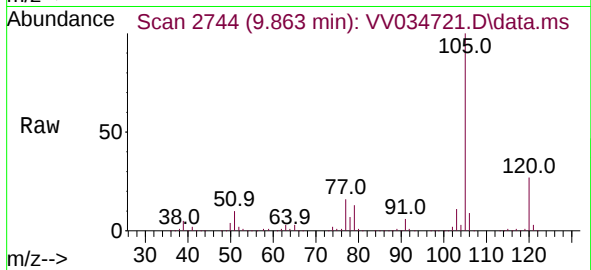




#60
Isopropylbenzene
Concen: 52.191 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

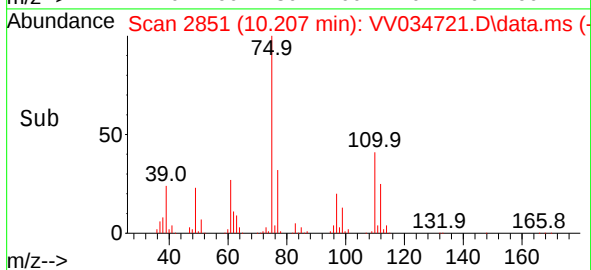
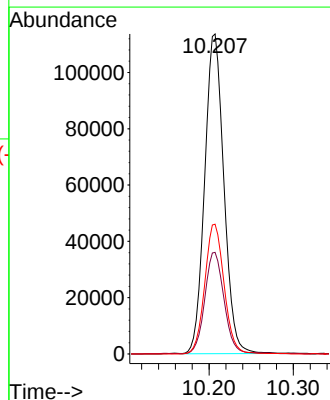
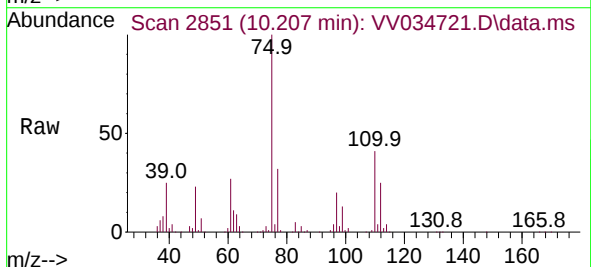
Instrument :
MSVOA_V
ClientSampleId :

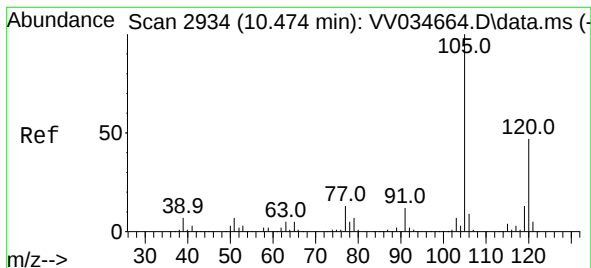
Tgt Ion:105 Resp: 676222
Ion Ratio Lower Upper
105 100
120 26.4 20.8 31.2
77 16.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 51.602 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

Tgt Ion: 75 Resp: 180455
Ion Ratio Lower Upper
75 100
77 31.5 25.9 38.9
110 40.8 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 51.932 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Instrument :

MSVOA_V

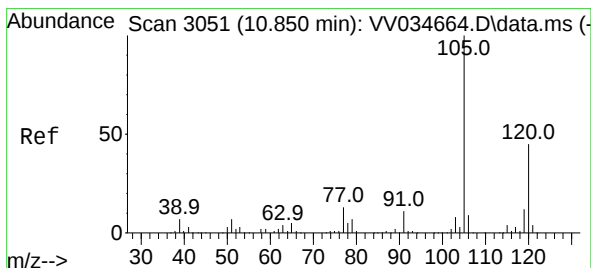
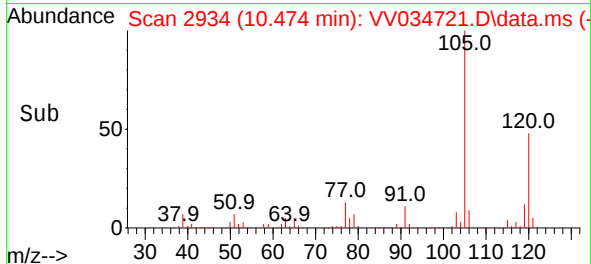
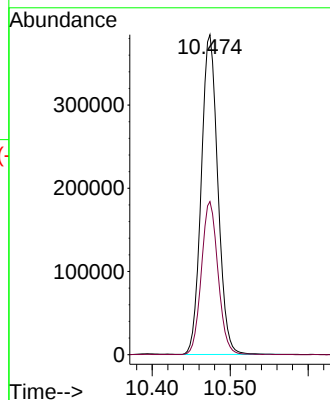
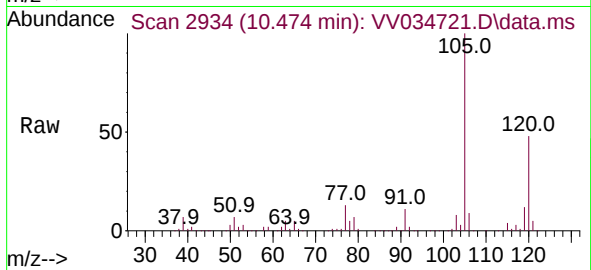
ClientSampleId :

Tgt Ion:105 Resp: 567592

Ion Ratio Lower Upper

105 100

120 48.1 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 53.025 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VV034721.D

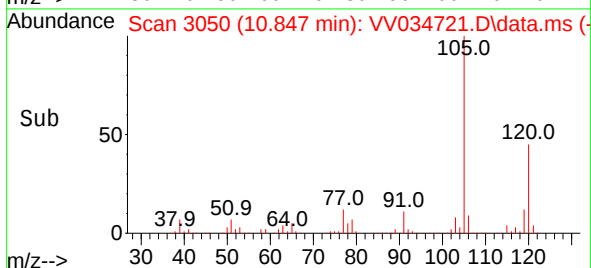
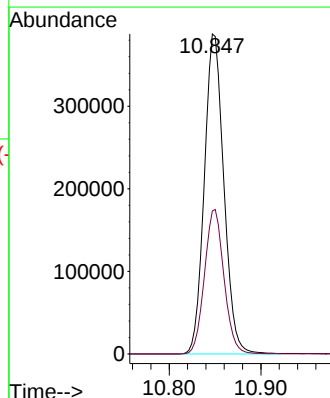
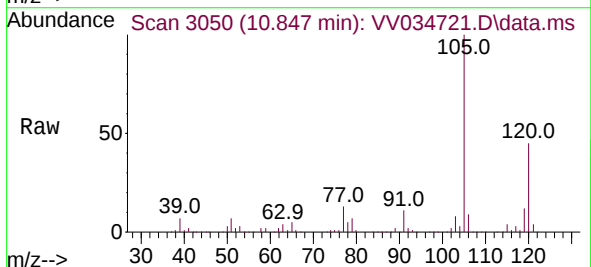
Acq: 19 Mar 2024 09:05

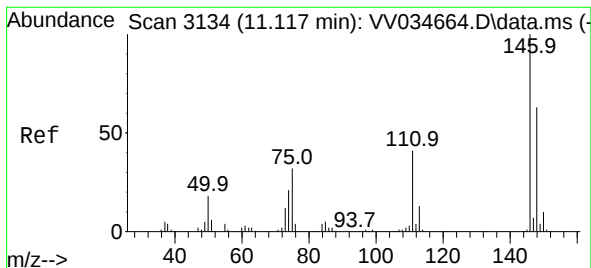
Tgt Ion:105 Resp: 573190

Ion Ratio Lower Upper

105 100

120 45.1 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 52.494 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

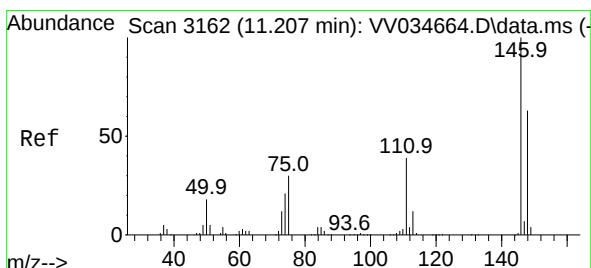
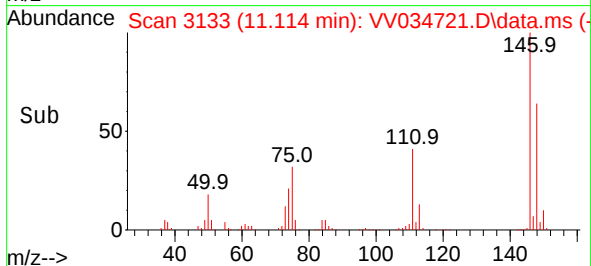
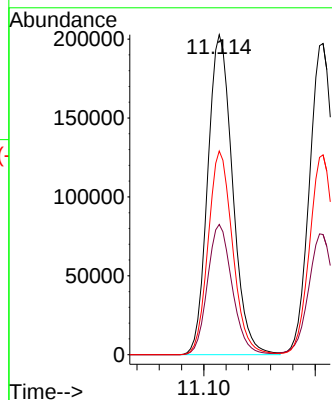
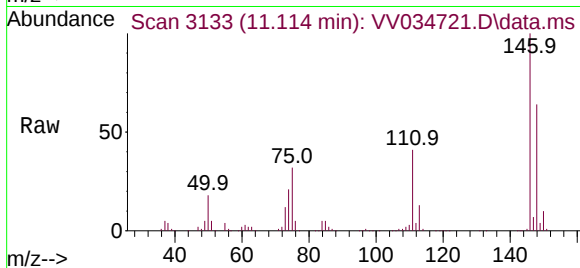
Tgt Ion:146 Resp: 314471

Ion Ratio Lower Upper

146 100

111 40.7 27.9 51.7

148 63.7 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 51.797 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

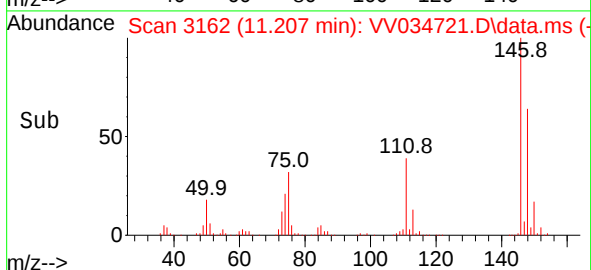
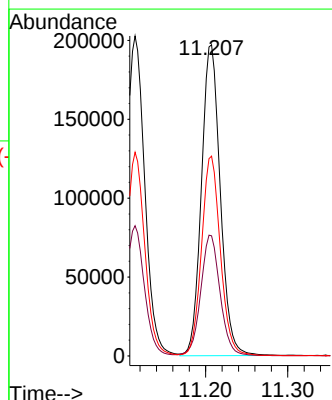
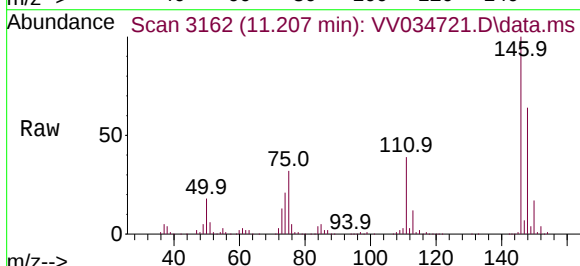
Tgt Ion:146 Resp: 315110

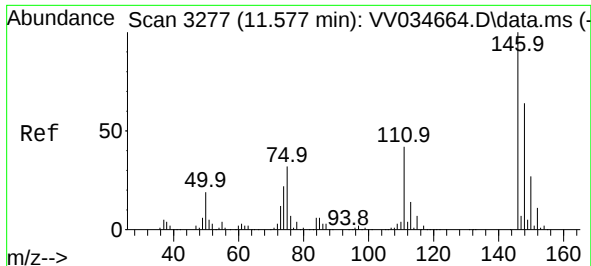
Ion Ratio Lower Upper

146 100

111 38.6 26.5 49.1

148 64.2 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 51.653 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

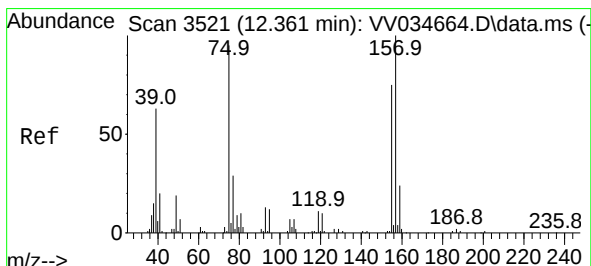
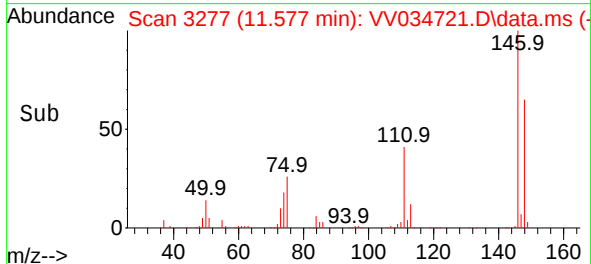
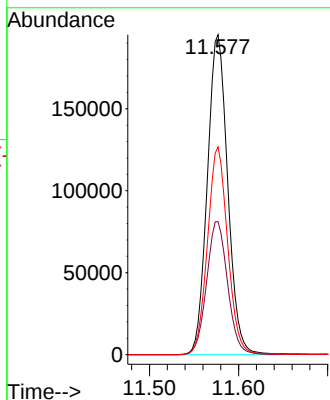
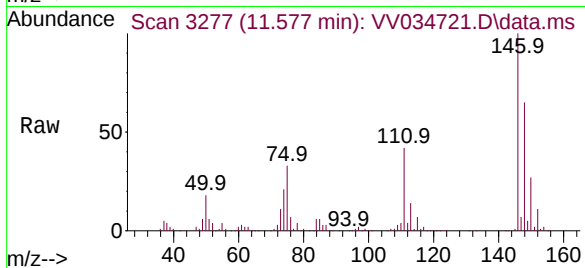
Tgt Ion:146 Resp: 310066

Ion Ratio Lower Upper

146 100

111 41.6 33.8 50.8

148 64.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 48.426 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.003 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

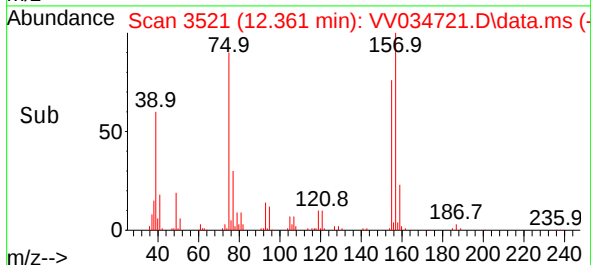
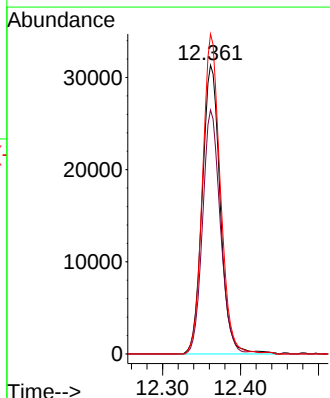
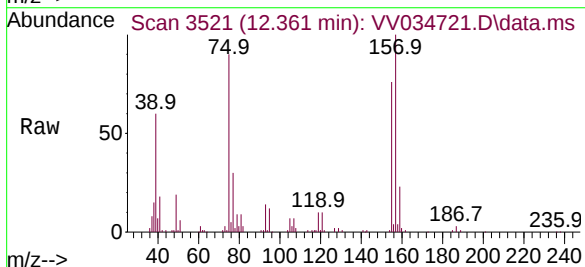
Tgt Ion: 75 Resp: 50446

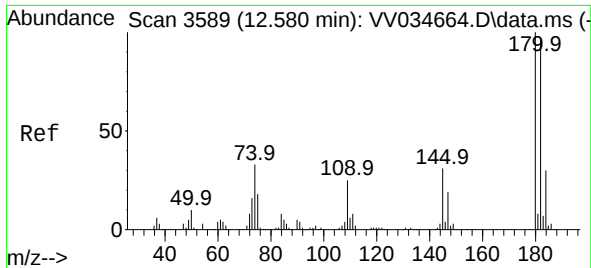
Ion Ratio Lower Upper

75 100

155 84.5 63.3 94.9

157 110.8 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 51.336 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

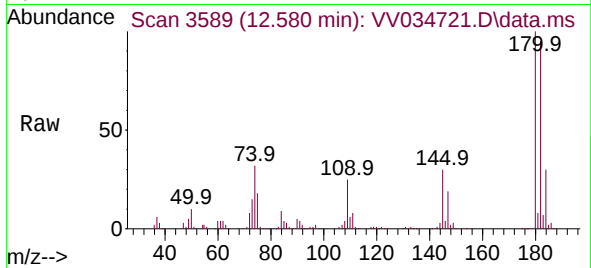
Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 230709

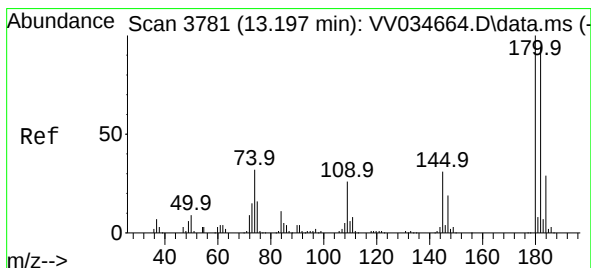
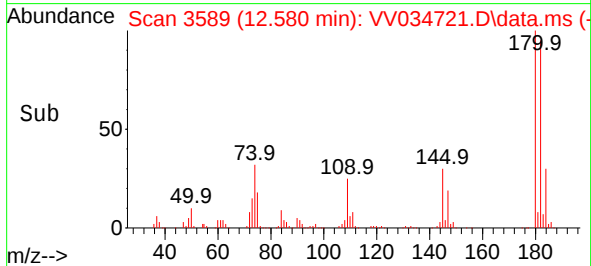
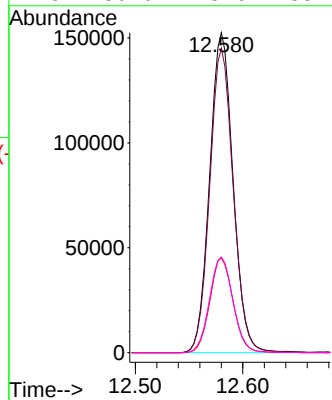
Ion Ratio Lower Upper

180 100

182 95.5 74.6 112.0

184 29.3 23.6 35.4

145 30.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 49.479 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.003 min

Lab File: VV034721.D

Acq: 19 Mar 2024 09:05

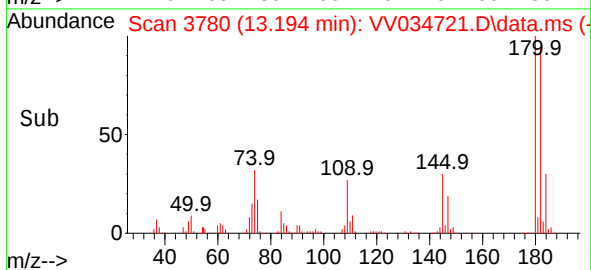
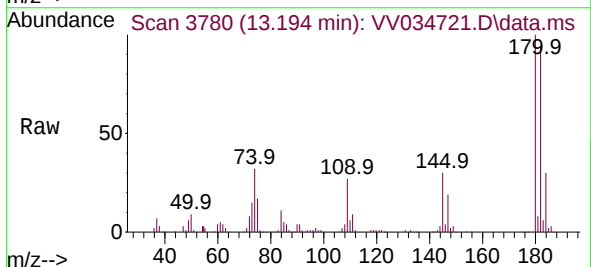
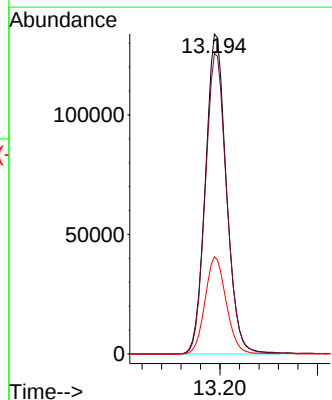
Tgt Ion:180 Resp: 200087

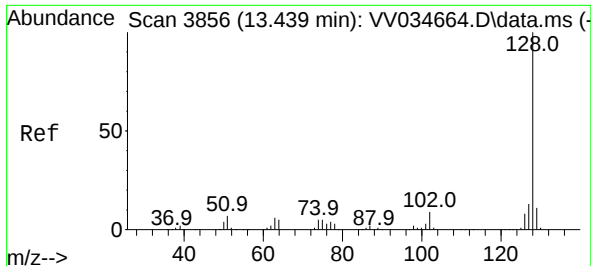
Ion Ratio Lower Upper

180 100

182 96.0 74.8 112.2

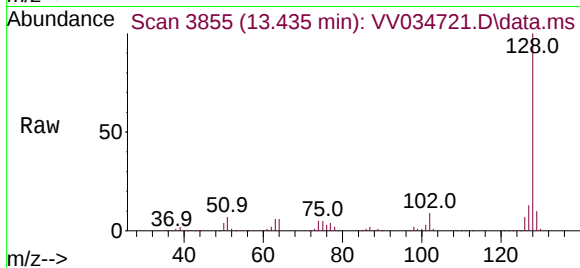
145 30.7 24.2 36.4



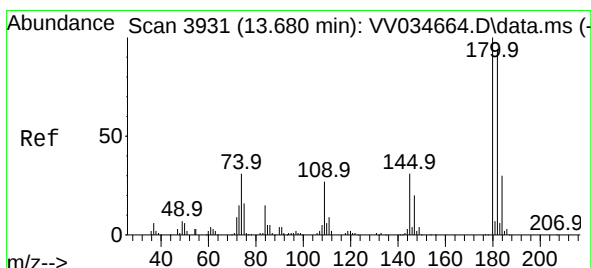
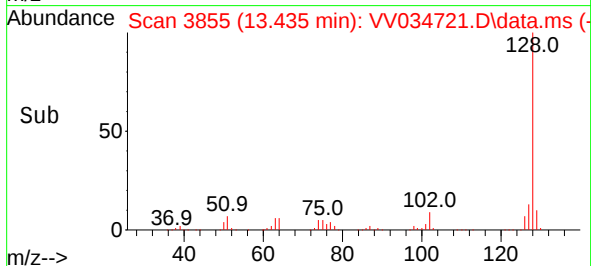
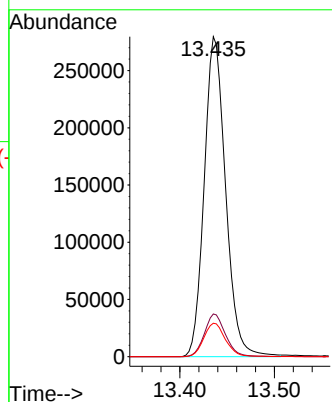


#71
Naphthalene
Concen: 40.647 ug/L
RT: 13.435 min Scan# 3856
Delta R.T. -0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 439675
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.5 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.275 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. -0.003 min
Lab File: VV034721.D
Acq: 19 Mar 2024 09:05

Tgt Ion:180 Resp: 190440
Ion Ratio Lower Upper
180 100
182 95.3 75.9 113.9
145 32.4 25.5 38.3

