

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040324\
 Data File : VV034962.D
 Acq On : 03 Apr 2024 17:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 02:55:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 02:49:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	177408	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	178315	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	92881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	72206	4.939	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.532	69	60253	4.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.060	65	33504	5.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.000%
20) 2-Butanone-d5	3.847	46	142481	62.283	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.560%
24) Chloroform-d	4.249	84	127740	5.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
26) 1,2-Dichloroethane-d4	4.944	65	61322	5.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.800%
32) Benzene-d6	4.960	84	250851	5.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	5.989	67	76786	5.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.200%
41) Toluene-d8	7.243	98	233119	5.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
43) trans-1,3-Dichloroprop...	7.558	79	26696	5.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.800%
46) 2-Hexanone-d5	8.030	63	104387	62.540	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.080%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	55987	5.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	77614	5.305	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	65197	4.775	ug/L	98
3) Chloromethane	1.214	50	82316	4.971	ug/L	99
5) Vinyl chloride	1.281	62	86822	4.902	ug/L	100
6) Bromomethane	1.487	94	47913	4.738	ug/L	99
8) Chloroethane	1.548	64	56010	4.919	ug/L	99
9) Trichlorofluoromethane	1.712	101	114577	4.867	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	69193	4.797	ug/L	99
12) 1,1-Dichloroethene	2.069	96	66277	4.921	ug/L	97
13) Acetone	2.159	43	28844	17.284	ug/L	96
14) Carbon disulfide	2.240	76	191323	4.768	ug/L	100
15) Methyl Acetate	2.391	43	28393	6.164	ug/L	96
16) Methylene chloride	2.445	84	74866	5.066	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	162134	5.590	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	67247	5.037	ug/L	94
19) 1,1-Dichloroethane	3.111	63	136252	5.173	ug/L	98
21) 2-Butanone	3.912	43	144900	54.176	ug/L #	75
22) cis-1,2-Dichloroethene	3.815	96	73203	5.236	ug/L	95
23) Bromochloromethane	4.150	128	31063	5.291	ug/L	96
25) Chloroform	4.278	83	134589	5.145	ug/L	100

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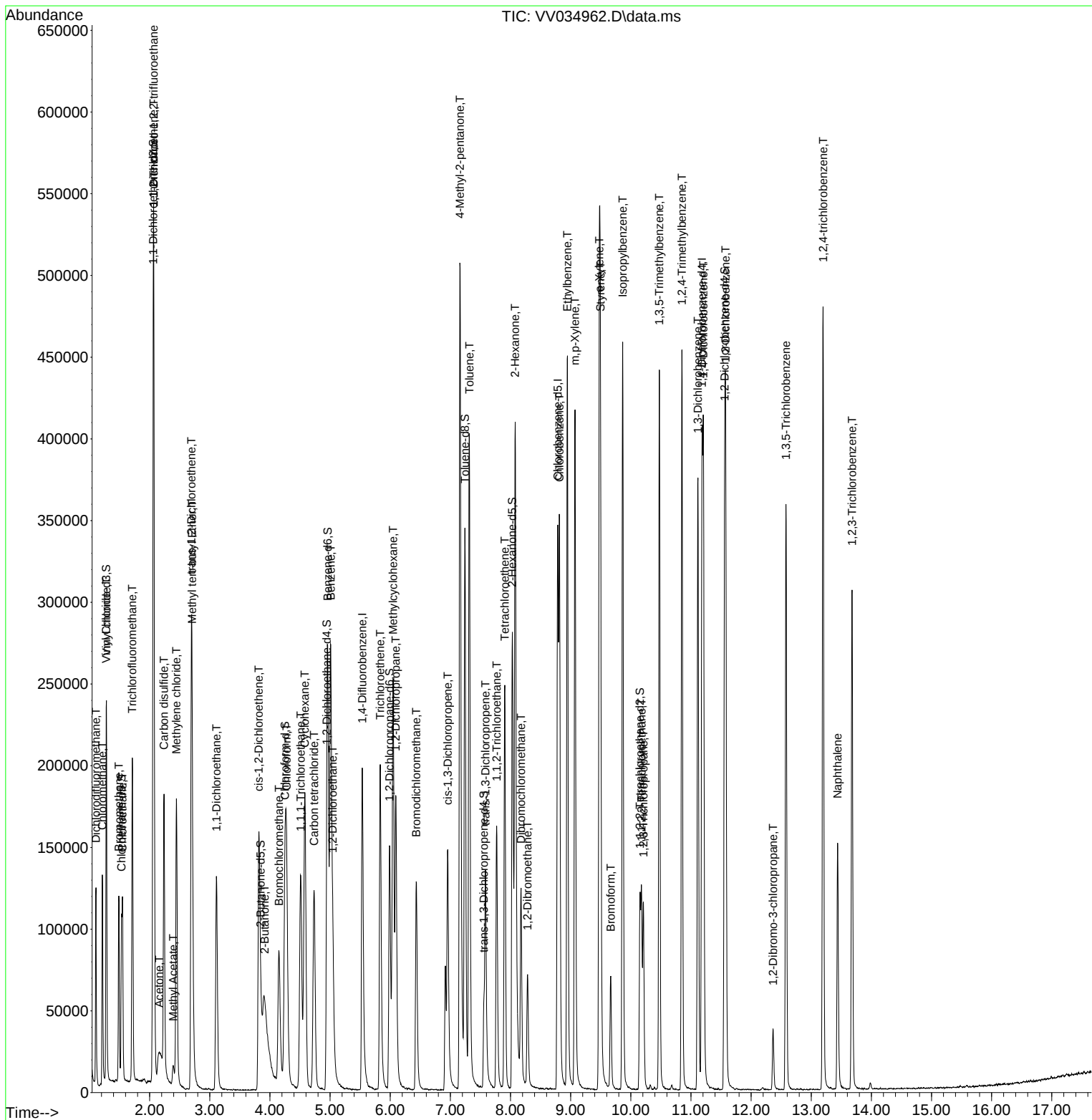
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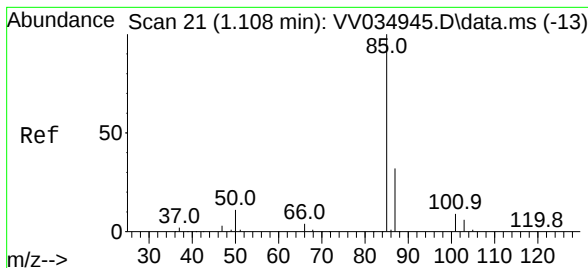
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 02:49:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	80889	5.495	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	109604	5.015	ug/L	98
30) Cyclohexane	4.580	56	98710	4.903	ug/L	99
31) Carbon tetrachloride	4.735	117	93507	5.000	ug/L	98
33) Benzene	5.011	78	283462	5.192	ug/L	100
34) Trichloroethene	5.834	95	72670	5.109	ug/L	98
35) Methylcyclohexane	6.050	83	105240	4.858	ug/L	99
37) 1,2-Dichloropropane	6.092	63	74486	5.262	ug/L	100
38) Bromodichloromethane	6.432	83	90668	5.078	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	97229	5.114	ug/L	95
40) 4-Methyl-2-pentanone	7.159	43	370520	58.016	ug/L	98
42) Toluene	7.317	91	303764	5.293	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	82943	5.262	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	50773	5.459	ug/L	97
47) Tetrachloroethene	7.905	164	55086	5.155	ug/L	96
48) 2-Hexanone	8.079	43	280562	58.192	ug/L	98
49) Dibromochloromethane	8.175	129	58706	5.363	ug/L	97
50) 1,2-Dibromoethane	8.284	107	48553	5.545	ug/L	99
51) Chlorobenzene	8.815	112	188588	5.087	ug/L	99
52) Ethylbenzene	8.947	91	314433	5.073	ug/L	99
53) m,p-Xylene	9.072	106	116362	5.113	ug/L	99
54) o-Xylene	9.477	106	114333	5.120	ug/L	100
55) Styrene	9.497	104	192962	5.375	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	61341	5.518	ug/L	98
59) Bromoform	9.667	173	30678	5.314	ug/L	99
60) Isopropylbenzene	9.866	105	289102	4.980	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	46518	5.365	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	226329	4.746	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	240363	4.968	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	149699	5.053	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	150818	5.083	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	139812	5.108	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	9214	5.169	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	107047	4.812	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	143895	8.327	ug/L	99
71) Naphthalene	13.439	128	123730	5.095	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	93232	6.135	ug/L	99

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

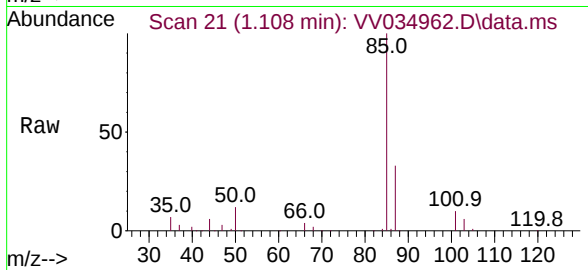
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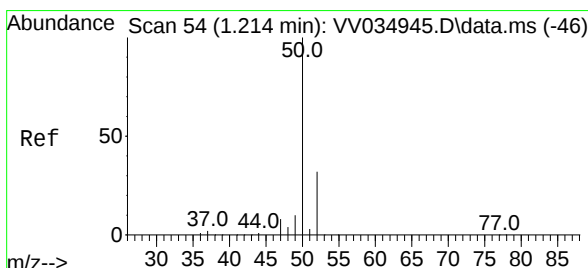
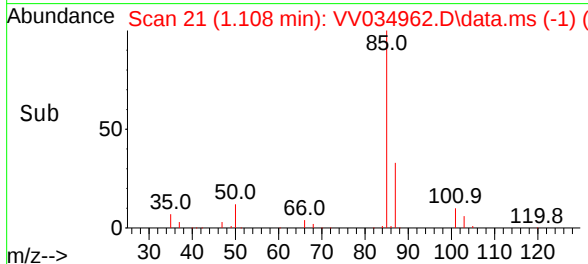
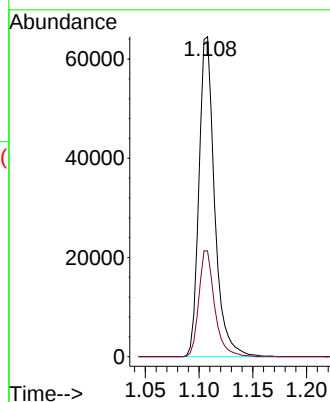


#2
Dichlorodifluoromethane
Concen: 4.775 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

Instrument :
MSVOA_V
ClientSampleId :

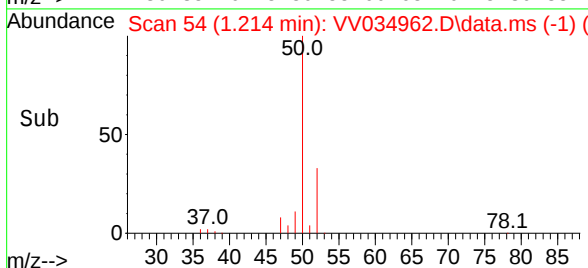
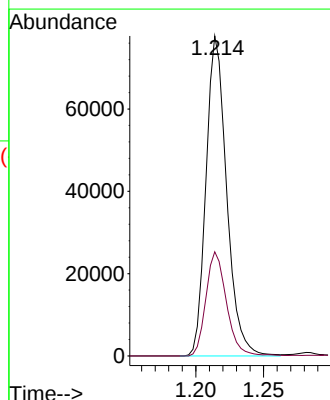
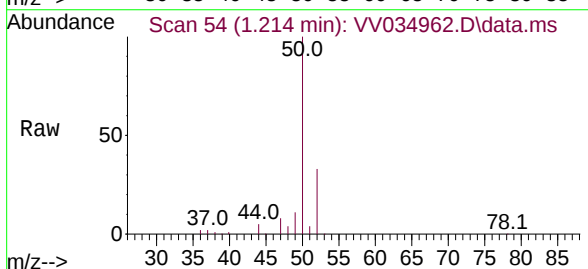


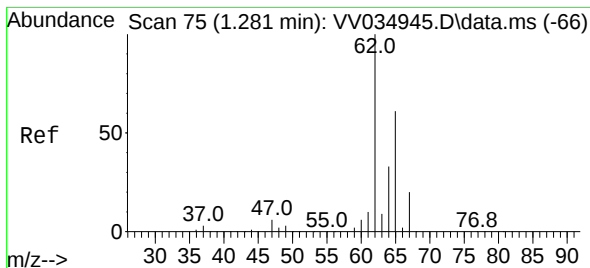
Tgt Ion: 85 Resp: 65197
Ion Ratio Lower Upper
85 100
87 33.5 25.7 38.5



#3
Chloromethane
Concen: 4.971 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

Tgt Ion: 50 Resp: 82316
Ion Ratio Lower Upper
50 100
52 32.6 23.4 43.4





#5

Vinyl chloride

Concen: 4.902 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

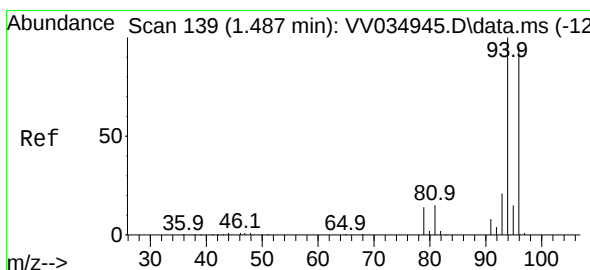
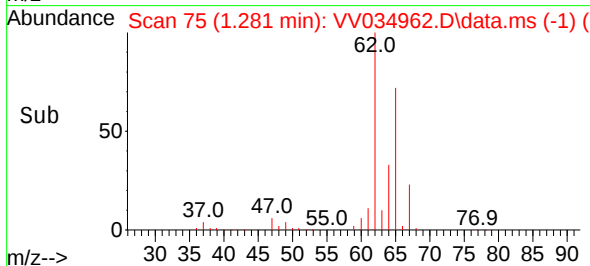
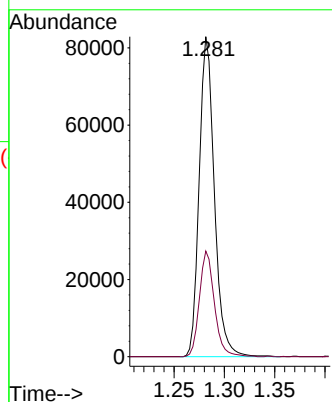
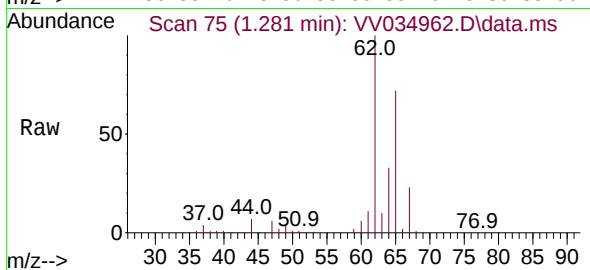
ClientSampleId :

Tgt Ion: 62 Resp: 86822

Ion Ratio Lower Upper

62 100

64 33.0 22.9 42.5



#6

Bromomethane

Concen: 4.738 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV034962.D

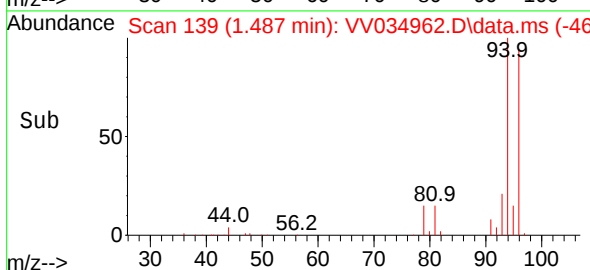
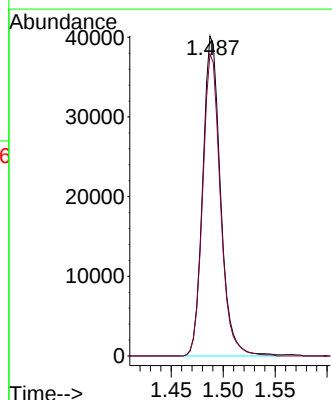
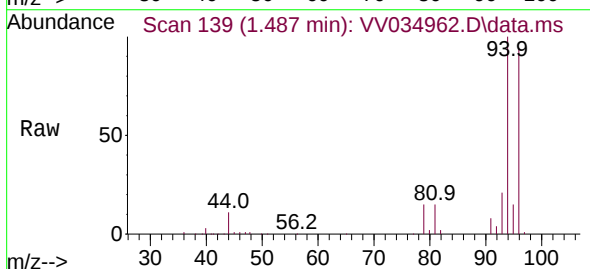
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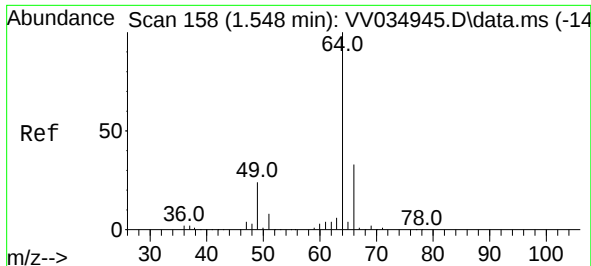
Tgt Ion: 94 Resp: 47913

Ion Ratio Lower Upper

94 100

96 94.4 65.4 121.4

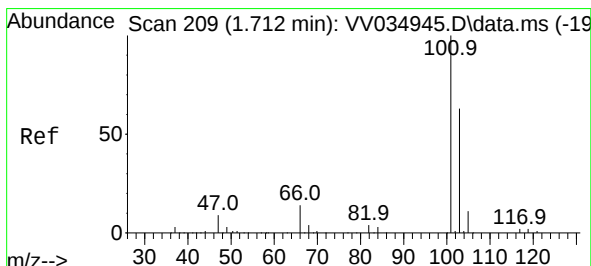
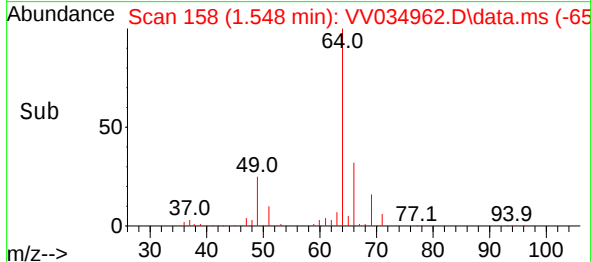
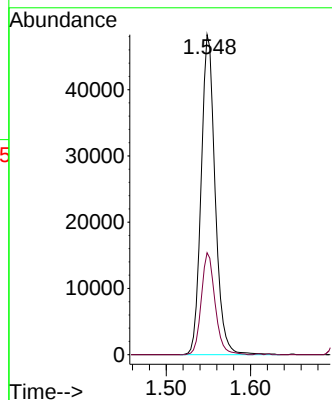
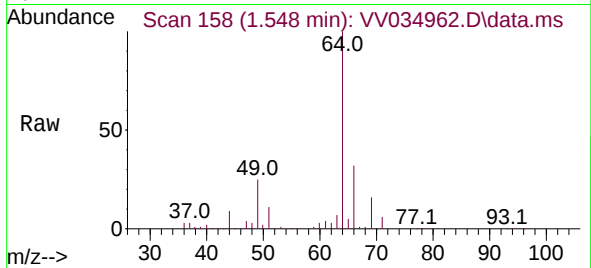




#8
Chloroethane
Concen: 4.919 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

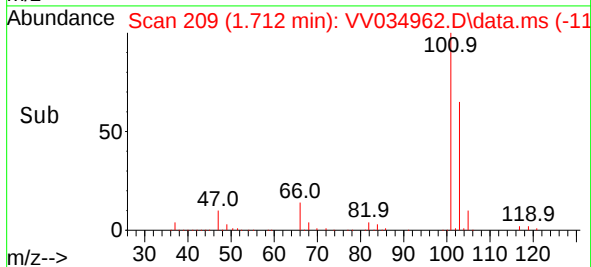
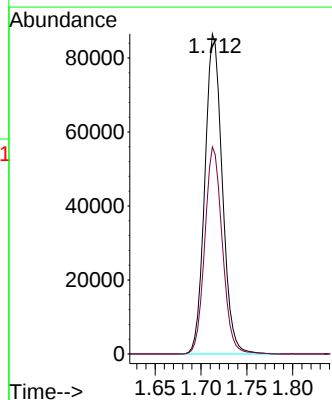
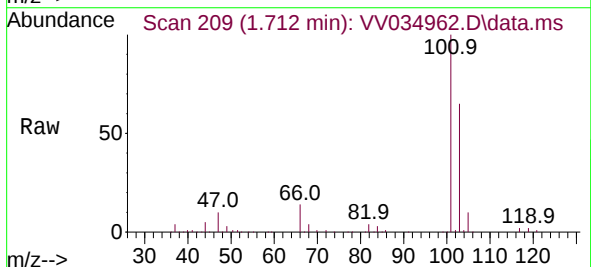
Instrument :
MSVOA_V
ClientSampleId :

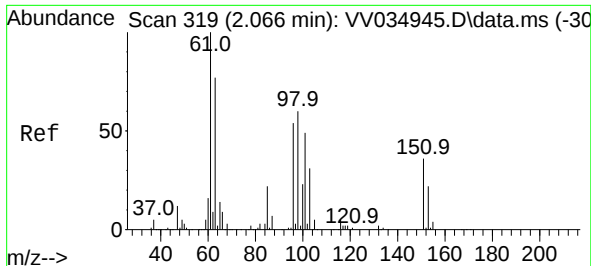
Tgt Ion: 64 Resp: 56010
Ion Ratio Lower Upper
64 100
66 31.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 4.867 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

Tgt Ion:101 Resp: 114577
Ion Ratio Lower Upper
101 100
103 64.8 51.9 77.9





#10

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

Concen: 4.797 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

ClientSampleId :

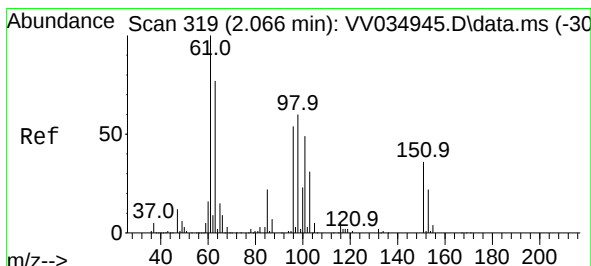
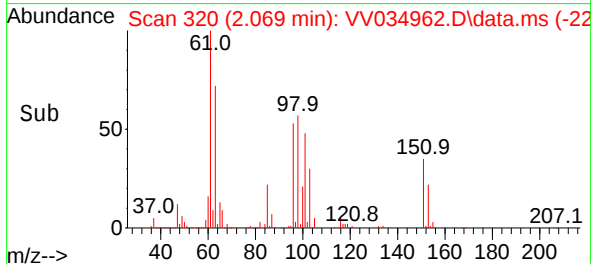
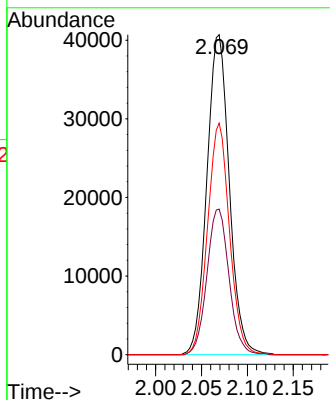
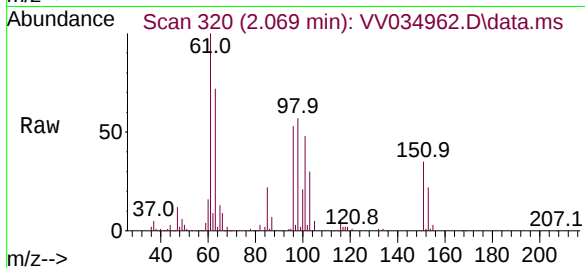
Tgt Ion:101 Resp: 69193

Ion Ratio Lower Upper

101 100

85 44.8 36.2 54.4

151 70.7 56.0 84.0



#12

1,1-Dichloroethene

Concen: 4.921 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.003 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

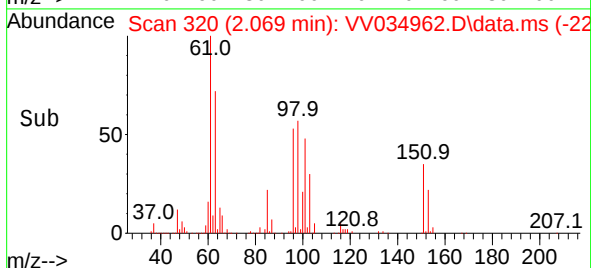
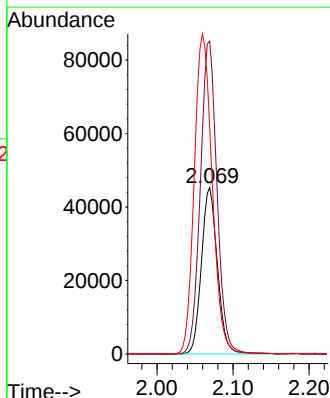
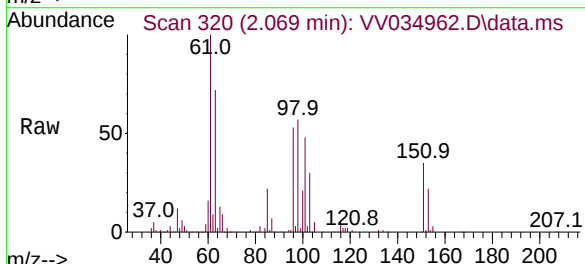
Tgt Ion: 96 Resp: 66277

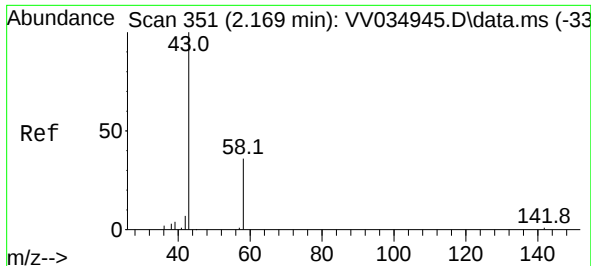
Ion Ratio Lower Upper

96 100

61 188.3 128.1 237.9

63 136.0 93.5 173.7





#13

Acetone

Concen: 17.284 ug/L

RT: 2.159 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

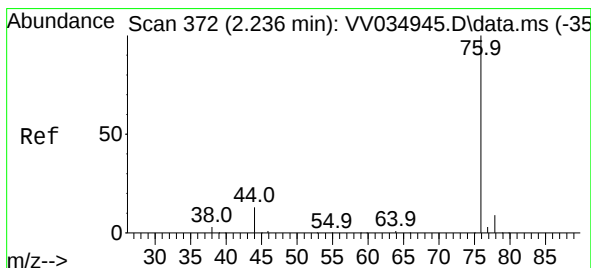
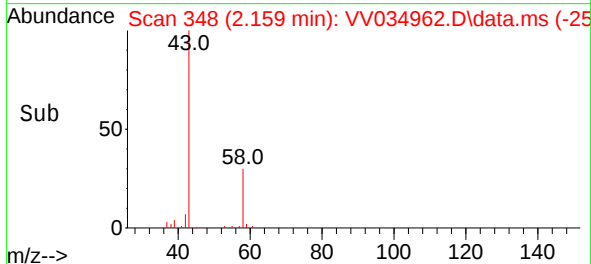
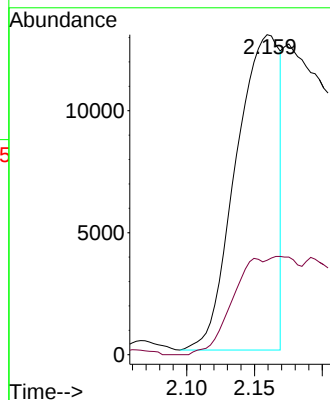
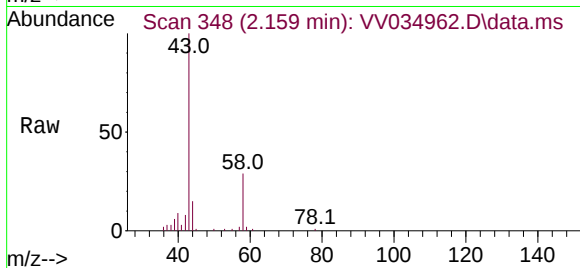
ClientSampleId :

Tgt Ion: 43 Resp: 28844

Ion Ratio Lower Upper

43 100

58 22.1 0.0 40.8



#14

Carbon disulfide

Concen: 4.768 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV034962.D

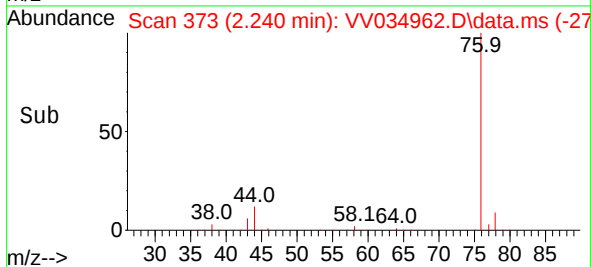
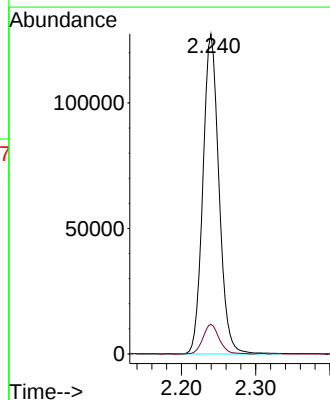
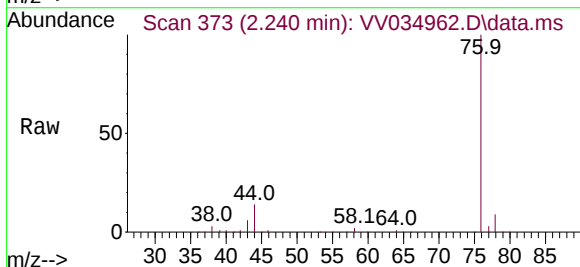
Acq: 03 Apr 2024 17:26

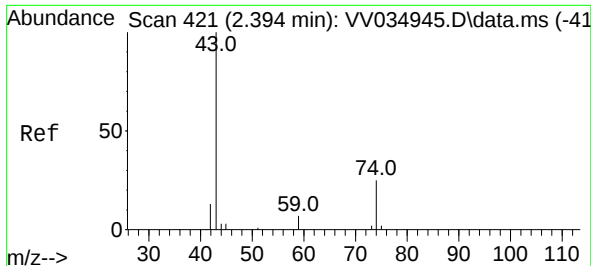
Tgt Ion: 76 Resp: 191323

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2





#15

Methyl Acetate

Concen: 6.164 ug/L

RT: 2.391 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

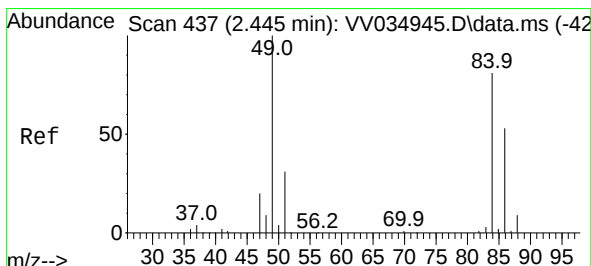
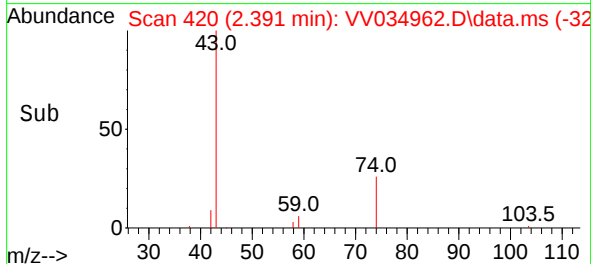
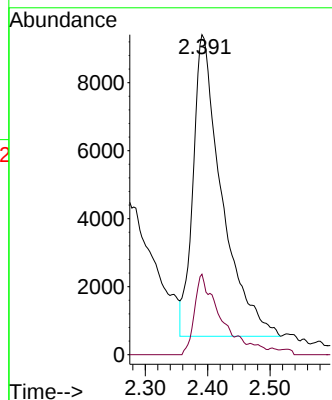
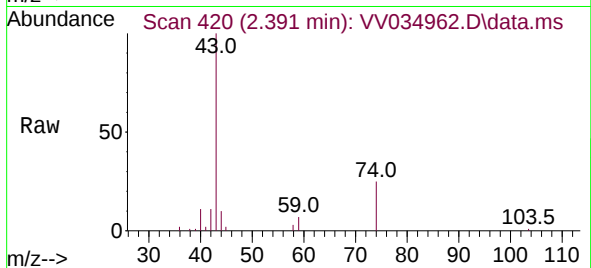
ClientSampleId :

Tgt Ion: 43 Resp: 28393

Ion Ratio Lower Upper

43 100

74 21.3 18.5 27.7



#16

Methylene chloride

Concen: 5.066 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

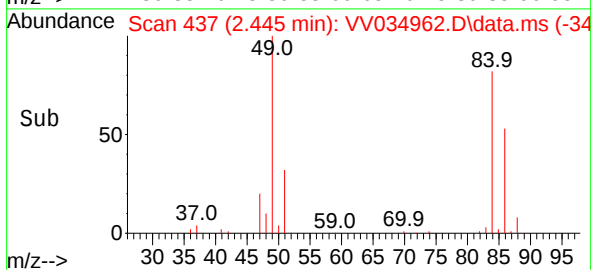
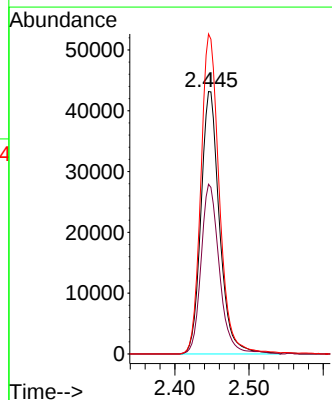
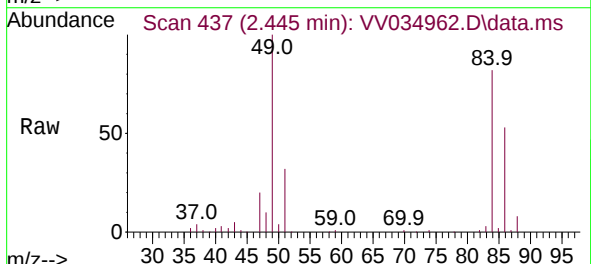
Tgt Ion: 84 Resp: 74866

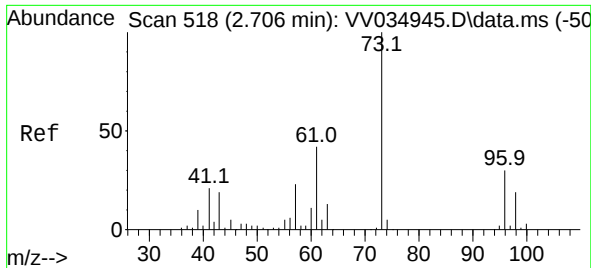
Ion Ratio Lower Upper

84 100

86 64.7 43.5 80.9

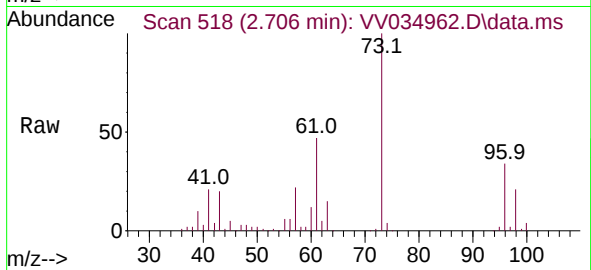
49 122.0 82.5 153.3



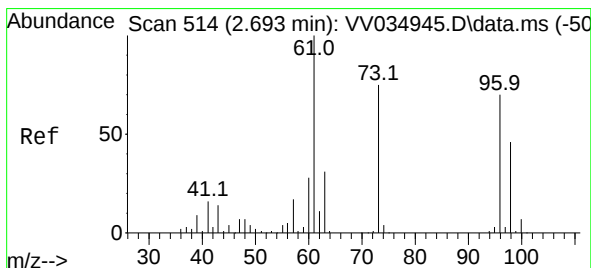
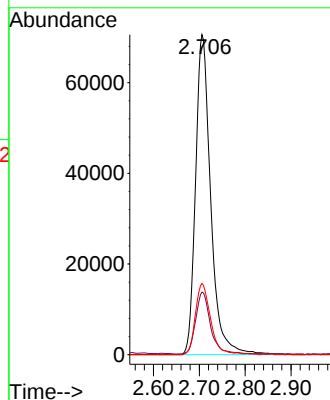
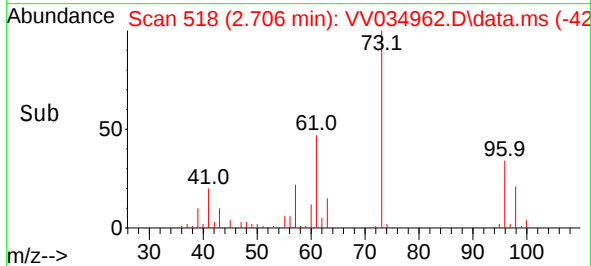


#17
Methyl tert-butyl Ether
Concen: 5.590 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

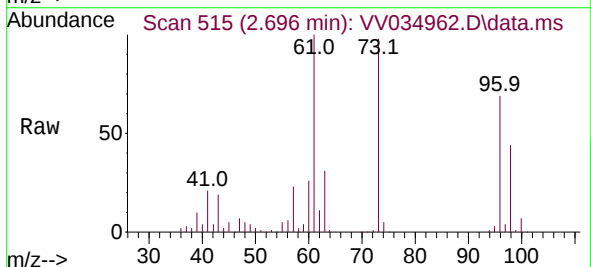
Instrument :
MSVOA_V
ClientSampleId :



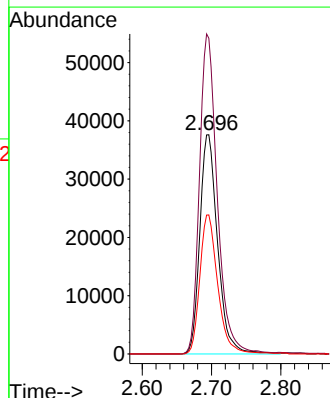
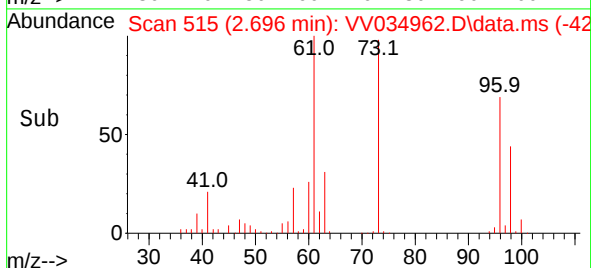
Tgt Ion: 73 Resp: 162134
Ion Ratio Lower Upper
73 100
43 18.8 14.8 22.2
57 22.0 18.1 27.1

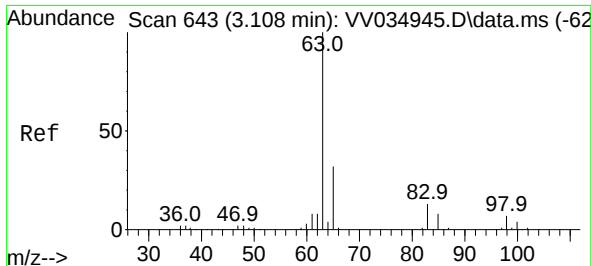


#18
trans-1,2-Dichloroethene
Concen: 5.037 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26



Tgt Ion: 96 Resp: 67247
Ion Ratio Lower Upper
96 100
61 144.0 94.5 175.5
98 63.4 43.5 80.9





#19

1,1-Dichloroethane

Concen: 5.173 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

ClientSampleId :

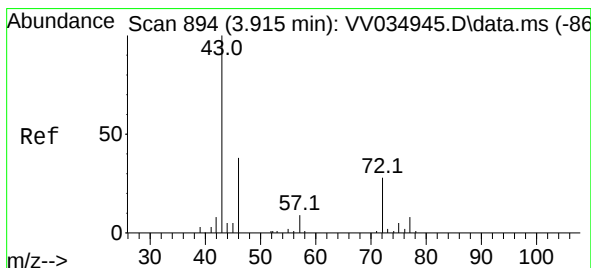
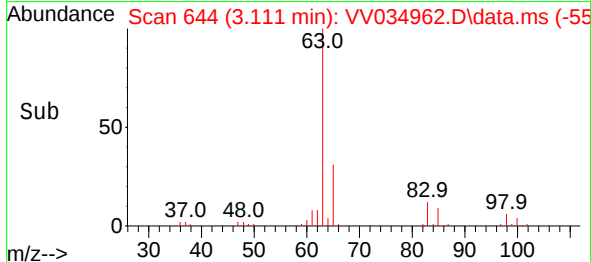
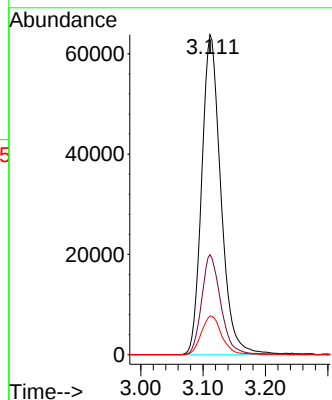
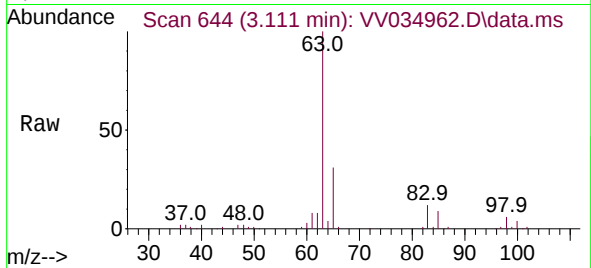
Tgt Ion: 63 Resp: 136252

Ion Ratio Lower Upper

63 100

65 31.3 22.5 41.9

83 12.1 9.1 16.9



#21

2-Butanone

Concen: 54.176 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.003 min

Lab File: VV034962.D

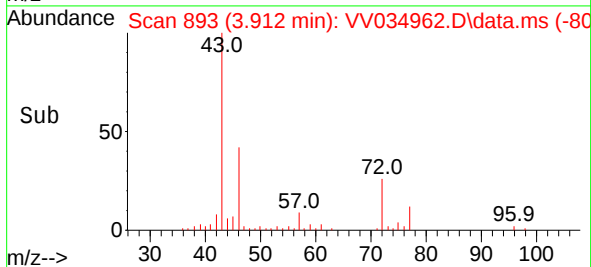
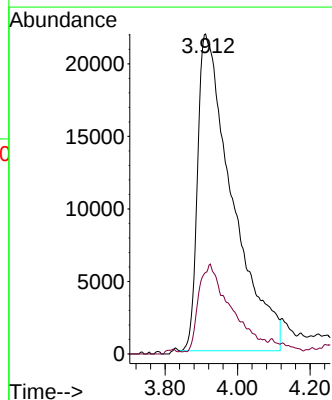
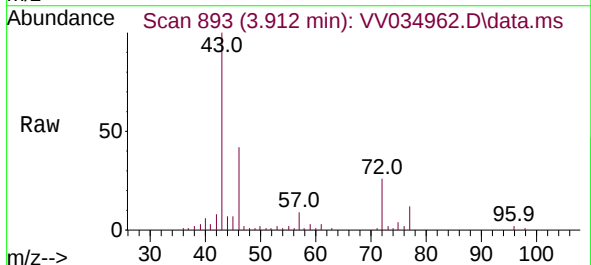
Acq: 03 Apr 2024 17:26

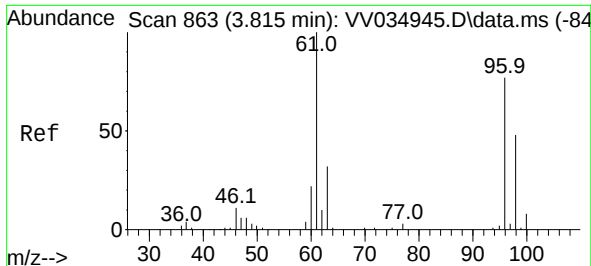
Tgt Ion: 43 Resp: 144900

Ion Ratio Lower Upper

43 100

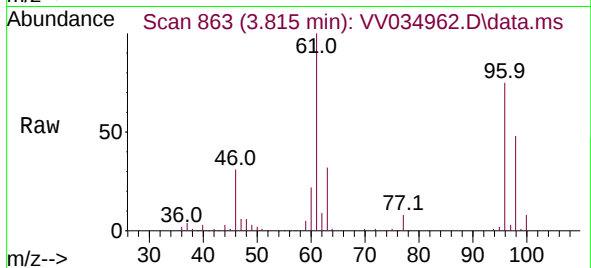
72 25.2 7.5 22.5#



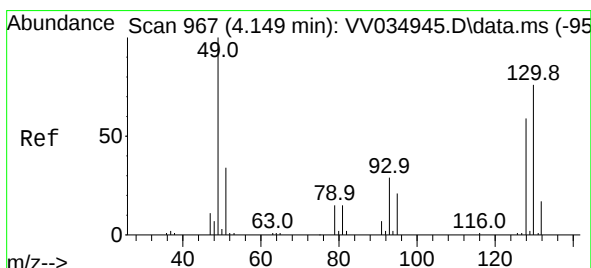
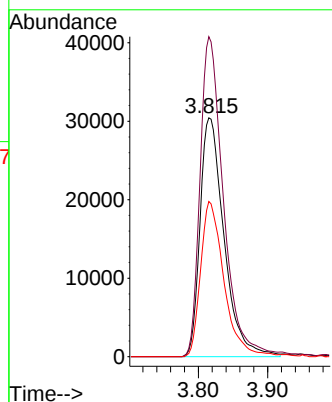
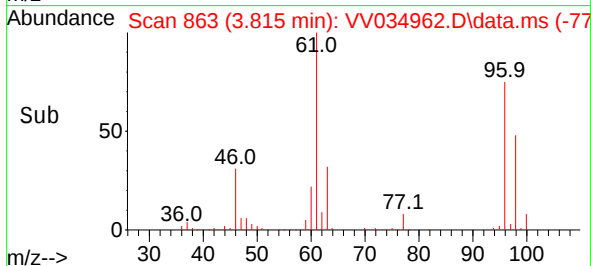


#22
cis-1,2-Dichloroethene
Concen: 5.236 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.000 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

Instrument :
MSVOA_V
ClientSampleId :

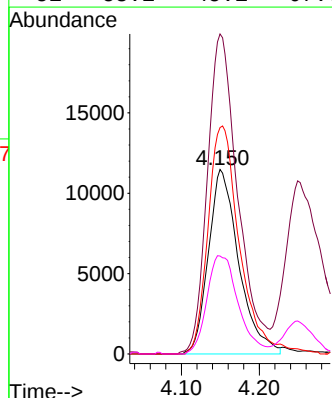
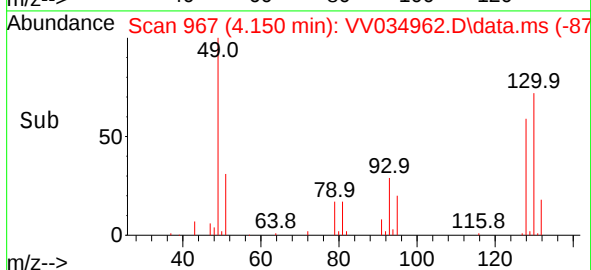
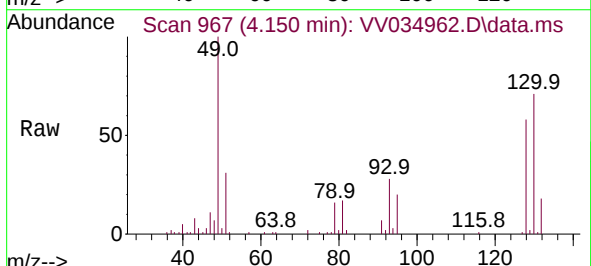


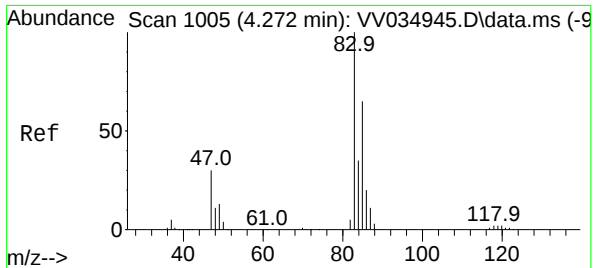
Tgt Ion: 96 Resp: 73203
Ion Ratio Lower Upper
96 100
61 133.9 90.3 167.7
98 65.0 42.7 79.3



#23
Bromochloromethane
Concen: 5.291 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.000 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

Tgt Ion: 128 Resp: 31063
Ion Ratio Lower Upper
128 100
49 173.5 122.9 228.3
130 122.7 92.1 171.1
51 53.1 45.1 67.7





#25

Chloroform

Concen: 5.145 ug/L

RT: 4.278 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

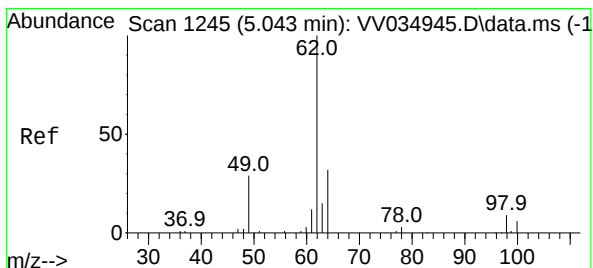
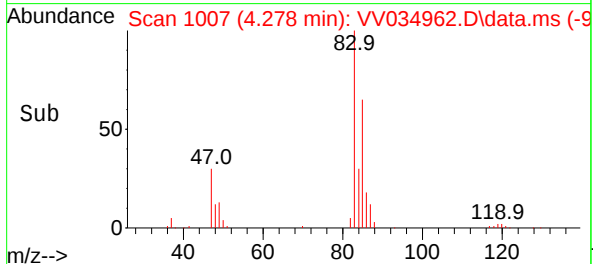
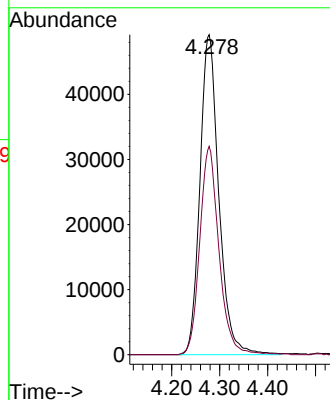
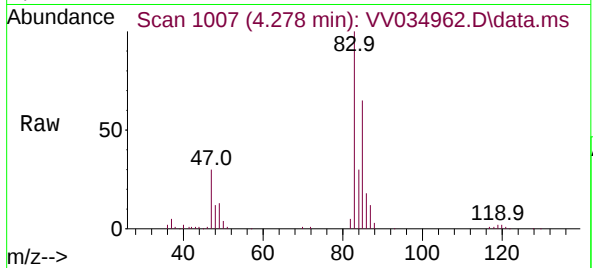
ClientSampleId :

Tgt Ion: 83 Resp: 134589

Ion Ratio Lower Upper

83 100

85 65.1 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.495 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV034962.D

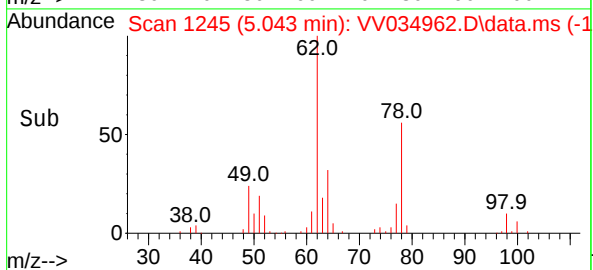
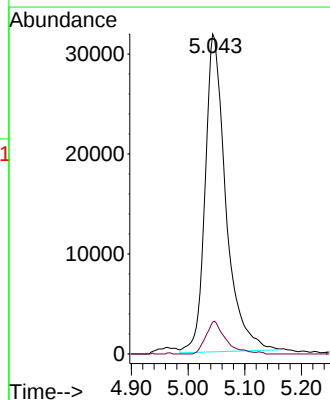
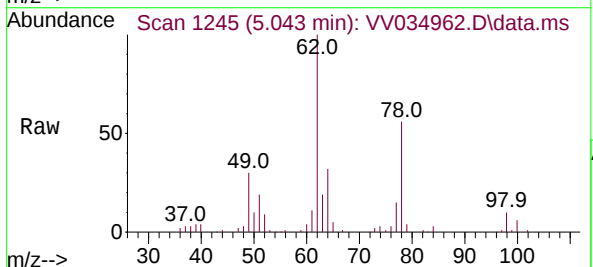
Acq: 03 Apr 2024 17:26

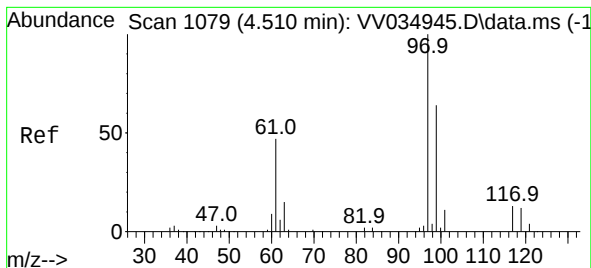
Tgt Ion: 62 Resp: 80889

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.015 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

ClientSampleId :

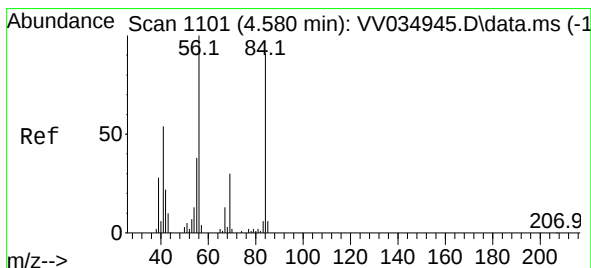
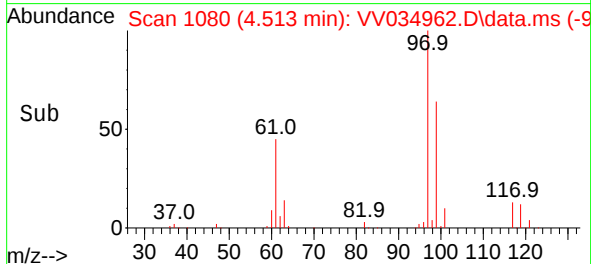
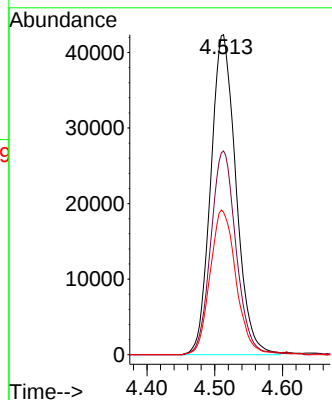
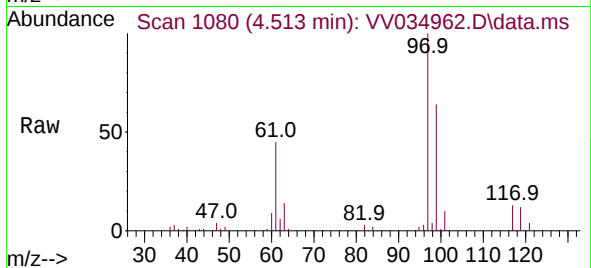
Tgt Ion: 97 Resp: 109604

Ion Ratio Lower Upper

97 100

99 63.9 52.1 78.1

61 46.2 38.7 58.1



#30

Cyclohexane

Concen: 4.903 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

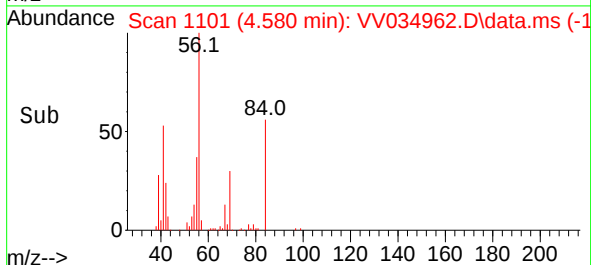
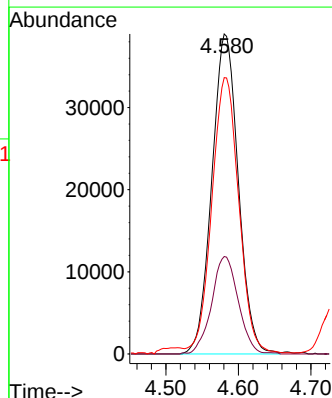
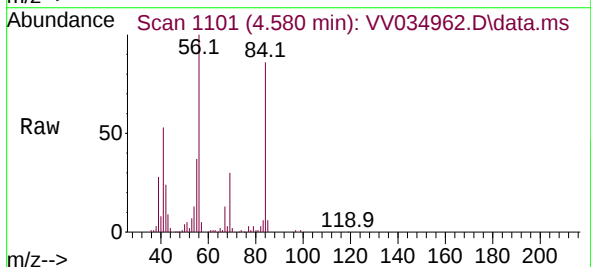
Tgt Ion: 56 Resp: 98710

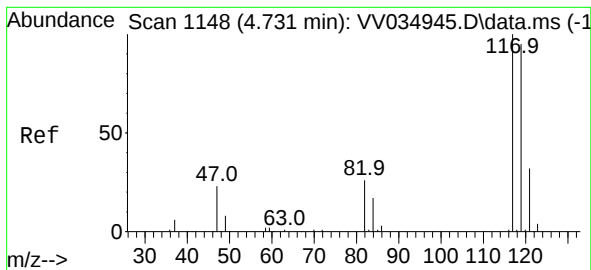
Ion Ratio Lower Upper

56 100

69 30.6 25.2 37.8

84 87.9 69.8 104.8





#31

Carbon tetrachloride

Concen: 5.000 ug/L

RT: 4.735 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

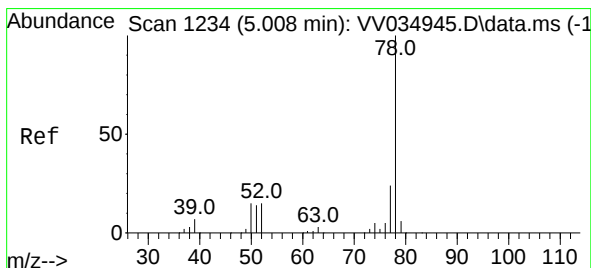
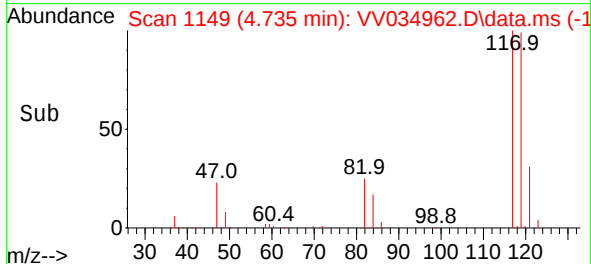
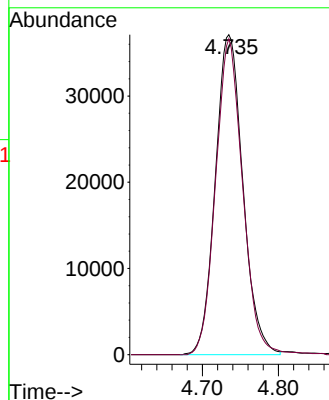
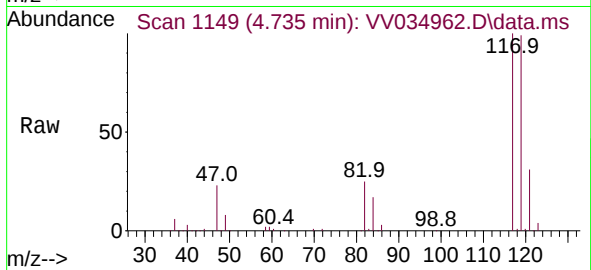
ClientSampleId :

Tgt Ion:117 Resp: 93507

Ion Ratio Lower Upper

117 100

119 96.6 75.8 113.6



#33

Benzene

Concen: 5.192 ug/L

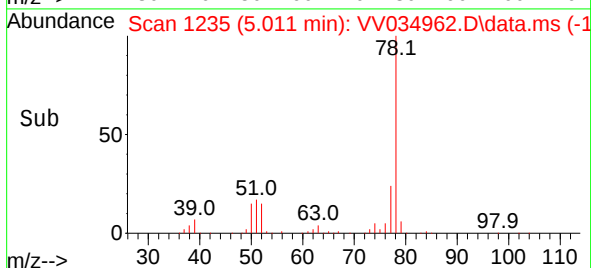
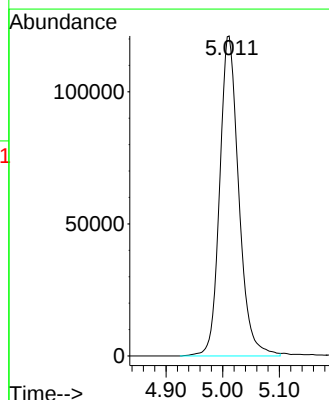
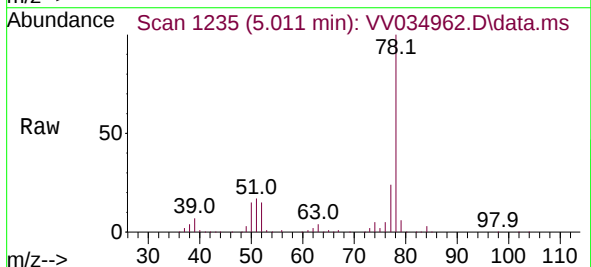
RT: 5.011 min Scan# 1235

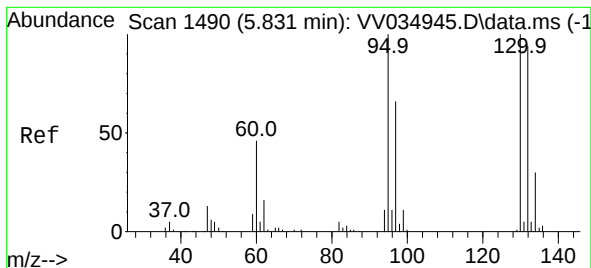
Delta R.T. 0.003 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Tgt Ion: 78 Resp: 283462





#34

Trichloroethene

Concen: 5.109 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 72670

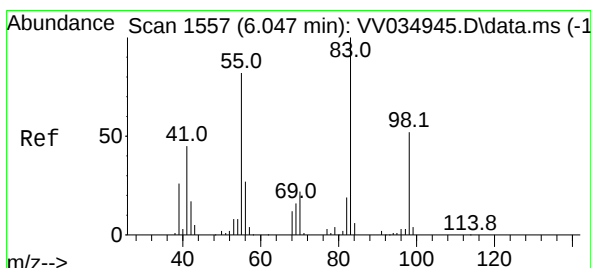
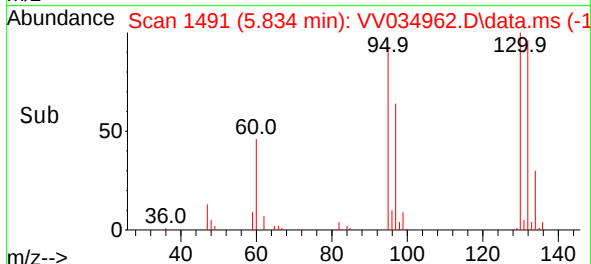
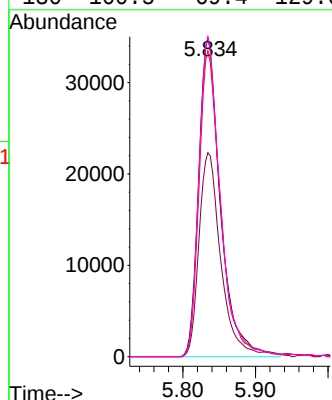
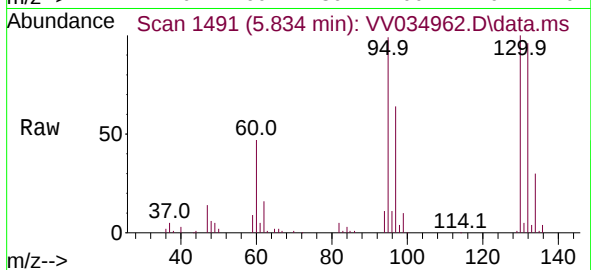
Ion Ratio Lower Upper

95 100

97 64.0 46.8 86.8

132 96.1 68.0 126.4

130 100.5 69.4 129.0



#35

Methylcyclohexane

Concen: 4.858 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

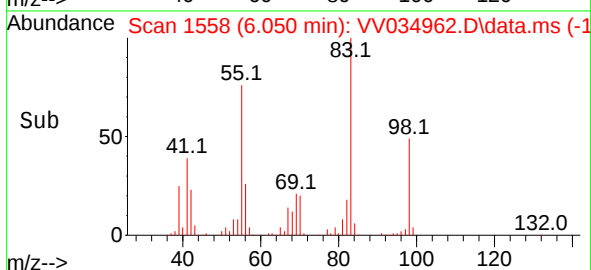
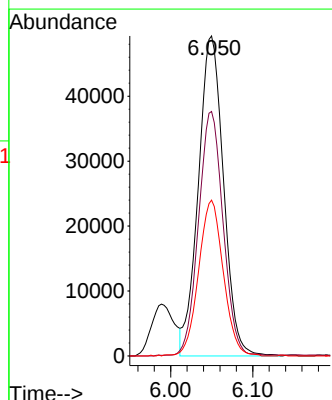
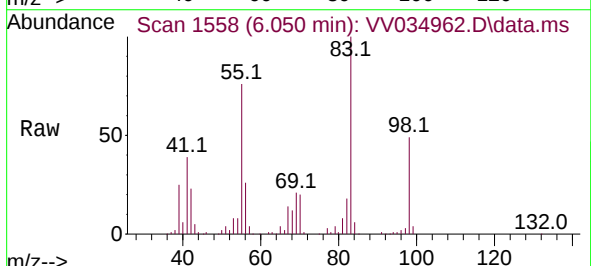
Tgt Ion: 83 Resp: 105240

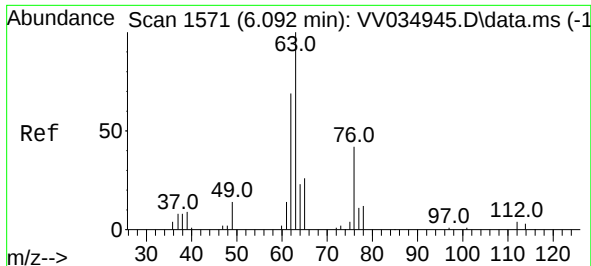
Ion Ratio Lower Upper

83 100

55 74.7 60.6 91.0

98 47.8 37.8 56.6





#37

1,2-Dichloropropane

Concen: 5.262 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

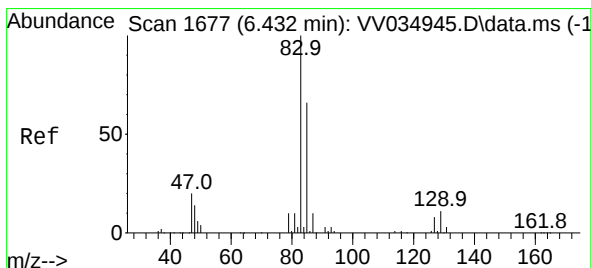
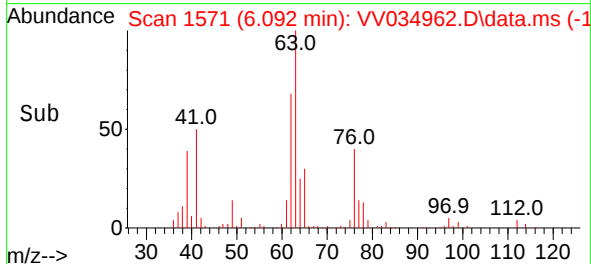
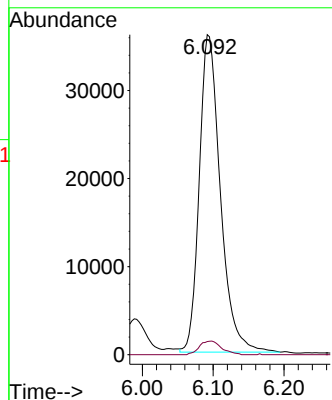
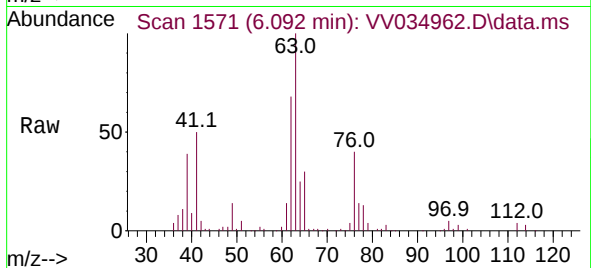
ClientSampleId :

Tgt Ion: 63 Resp: 74486

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 5.078 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

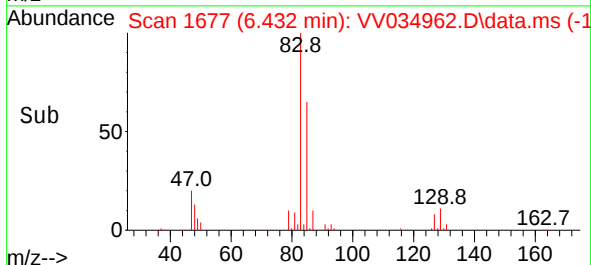
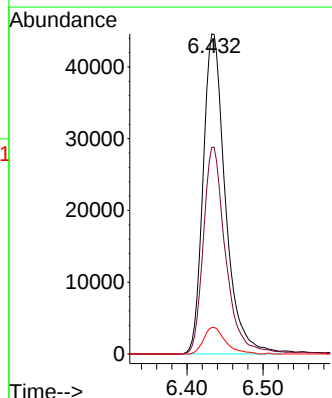
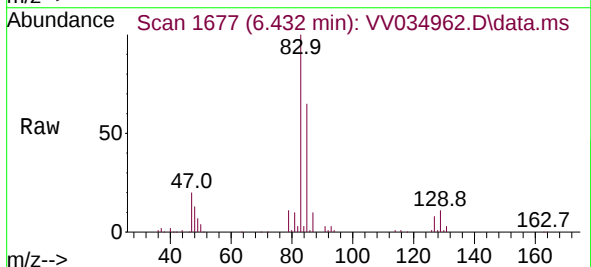
Tgt Ion: 83 Resp: 90668

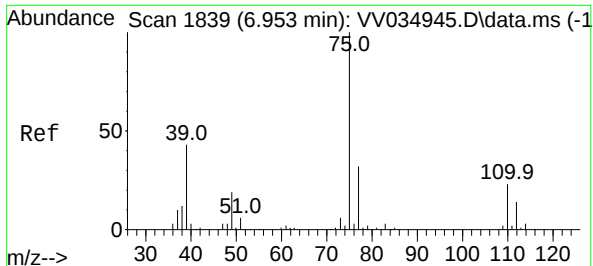
Ion Ratio Lower Upper

83 100

85 64.6 43.6 81.0

127 8.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 5.114 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.003 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

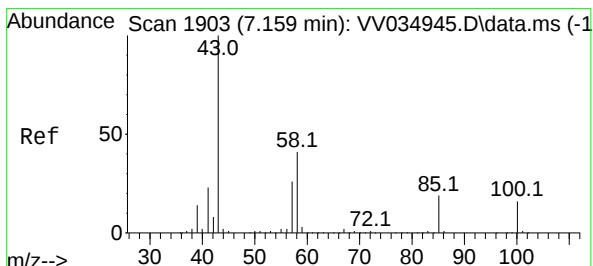
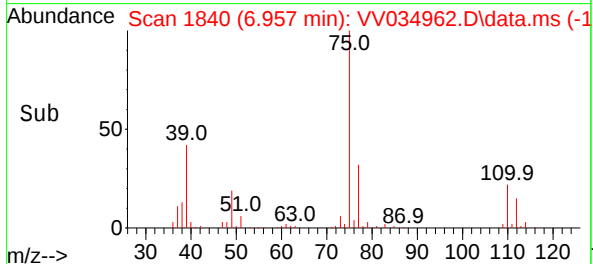
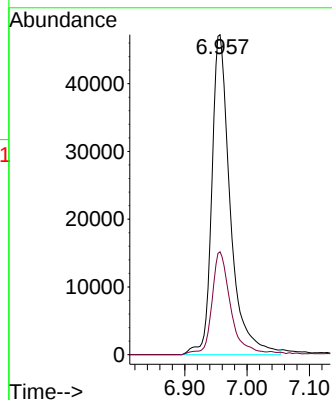
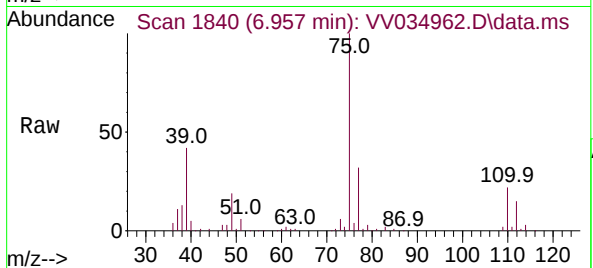
ClientSampleId :

Tgt Ion: 75 Resp: 97229

Ion Ratio Lower Upper

75 100

77 32.2 20.6 38.4



#40

4-Methyl-2-pentanone

Concen: 58.016 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

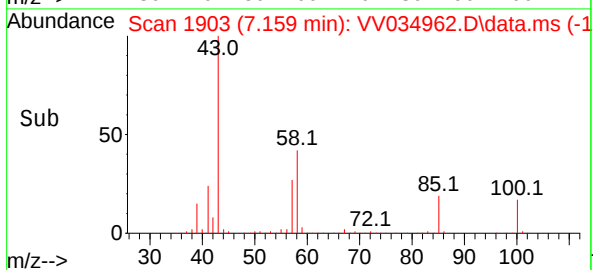
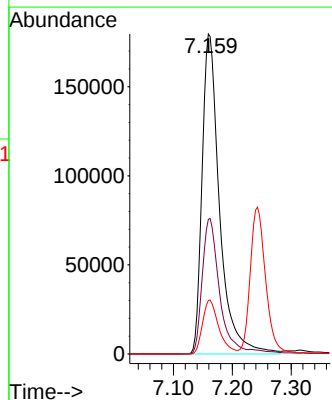
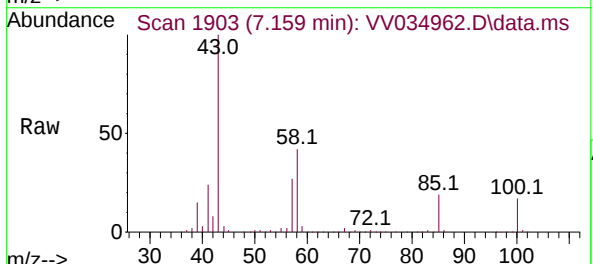
Tgt Ion: 43 Resp: 370520

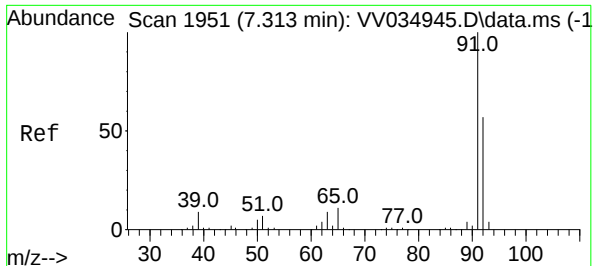
Ion Ratio Lower Upper

43 100

58 41.2 33.8 50.6

100 15.7 11.9 17.9





#42

Toluene

Concen: 5.293 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

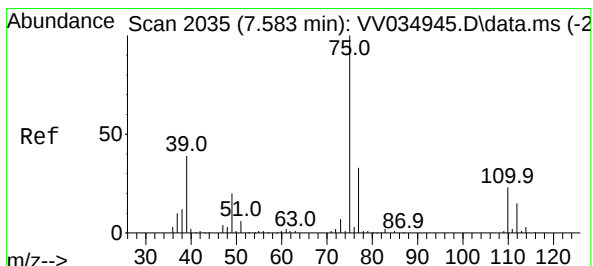
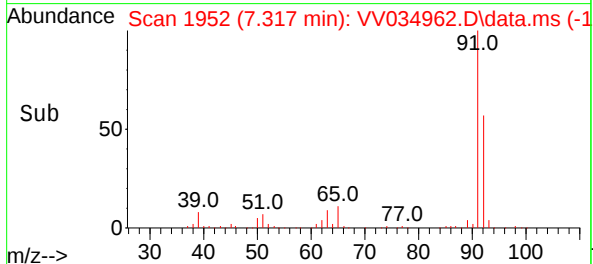
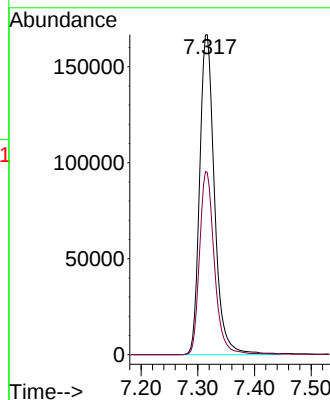
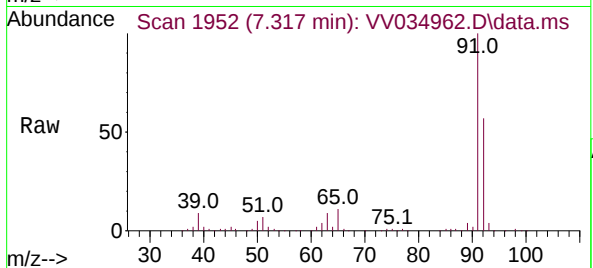
ClientSampleId :

Tgt Ion: 91 Resp: 303764

Ion Ratio Lower Upper

91 100

92 57.0 38.9 72.2



#44

trans-1,3-Dichloropropene

Concen: 5.262 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034962.D

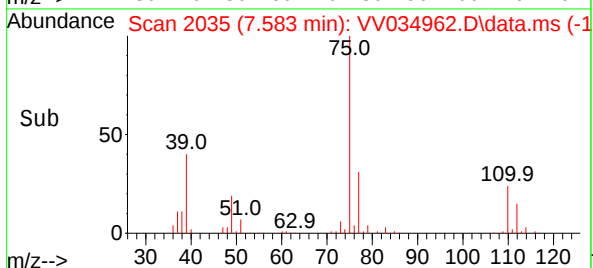
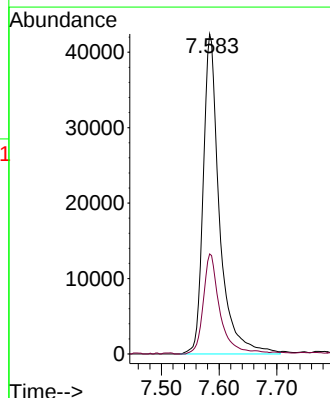
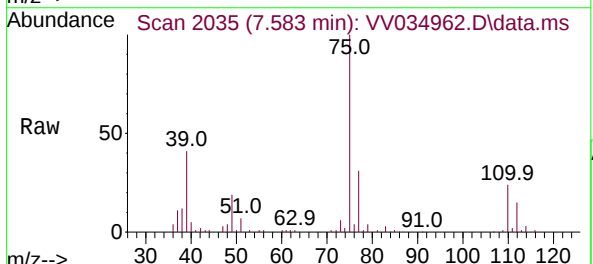
Acq: 03 Apr 2024 17:26

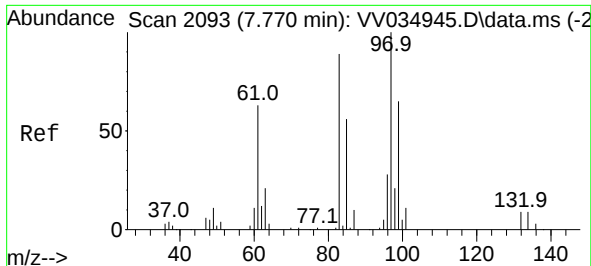
Tgt Ion: 75 Resp: 82943

Ion Ratio Lower Upper

75 100

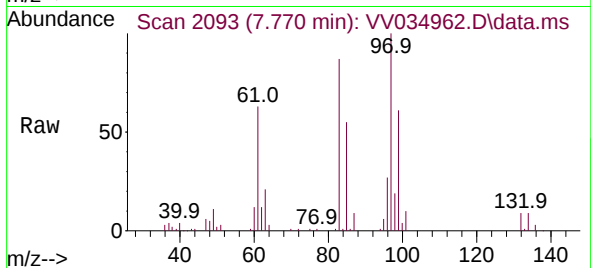
77 31.2 22.7 42.3



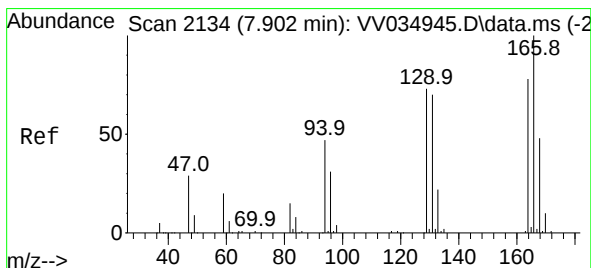
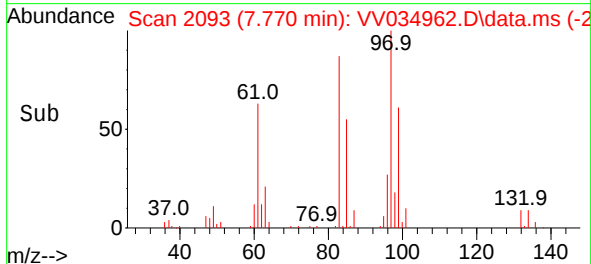
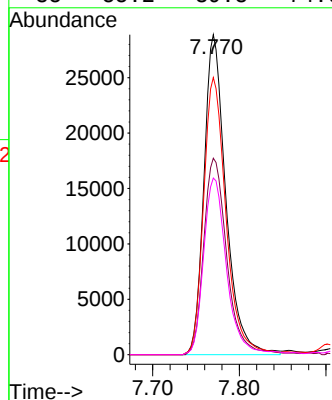


#45
1,1,2-Trichloroethane
Concen: 5.459 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

Instrument :
MSVOA_V
ClientSampleId :

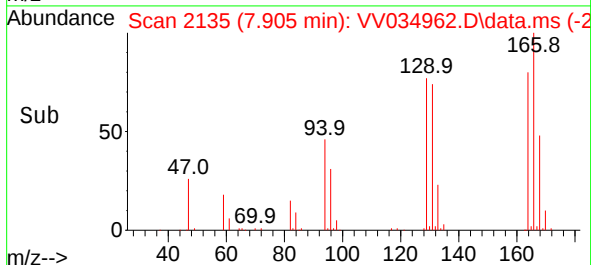
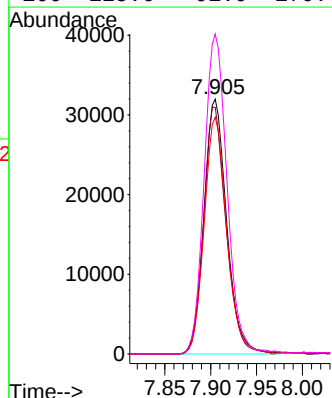
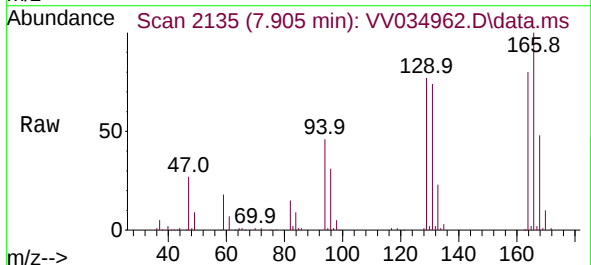


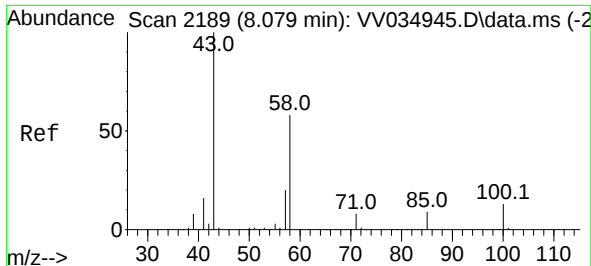
Tgt Ion:	97	Resp:	50773
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.5	82.7
83	86.6	63.2	117.4
85	55.2	39.8	74.0



#47
Tetrachloroethene
Concen: 5.155 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

Tgt Ion:	164	Resp:	55086
Ion	Ratio	Lower	Upper
164	100		
129	96.8	66.0	122.6
131	93.0	63.0	117.0
166	125.6	91.9	170.7





#48

2-Hexanone

Concen: 58.192 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 280562

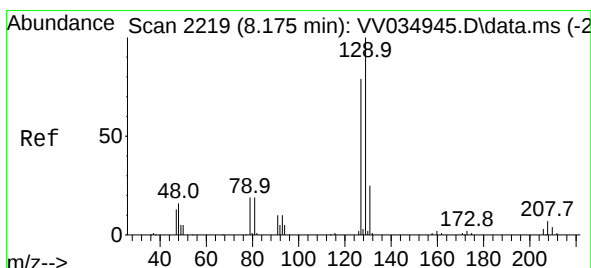
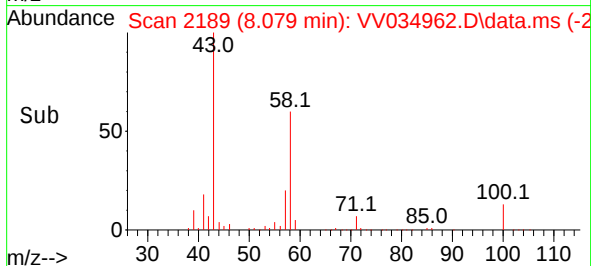
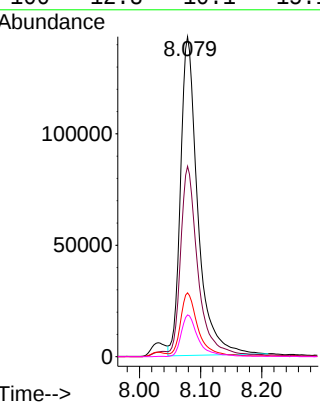
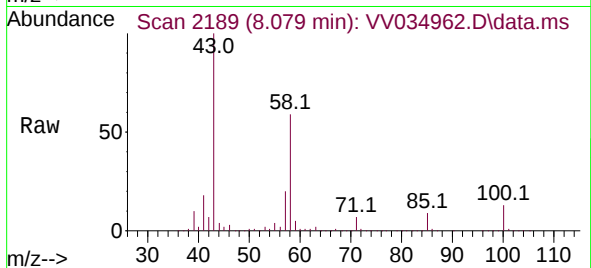
Ion Ratio Lower Upper

43 100

58 62.4 48.2 72.4

57 19.1 15.6 23.4

100 12.8 10.1 15.1



#49

Dibromochloromethane

Concen: 5.363 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV034962.D

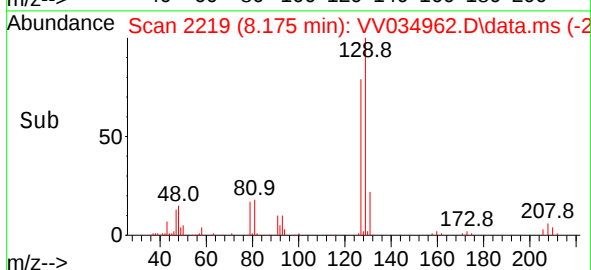
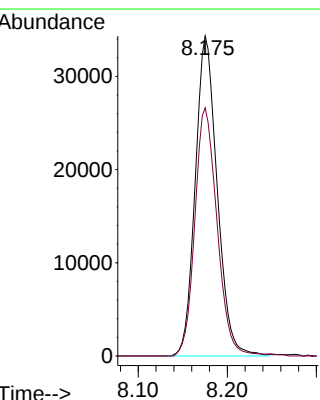
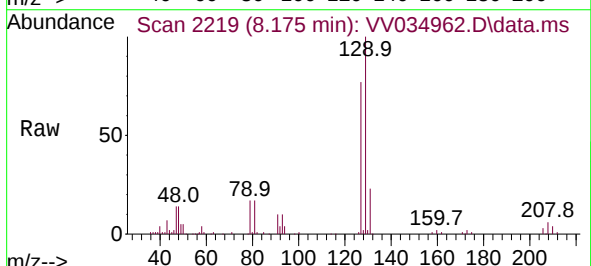
Acq: 03 Apr 2024 17:26

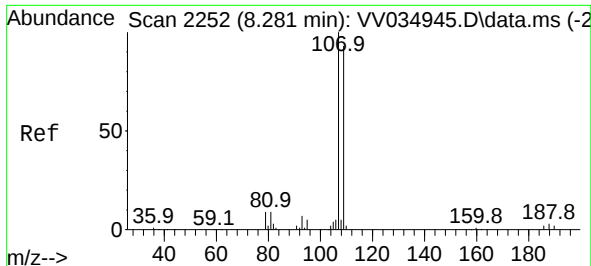
Tgt Ion: 129 Resp: 58706

Ion Ratio Lower Upper

129 100

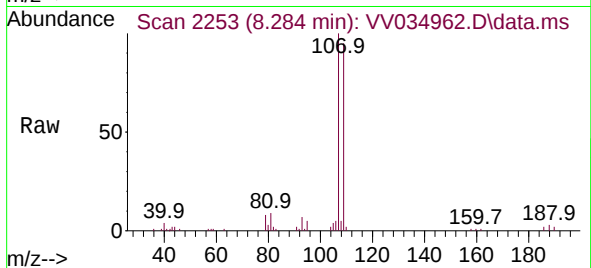
127 77.5 56.4 104.7



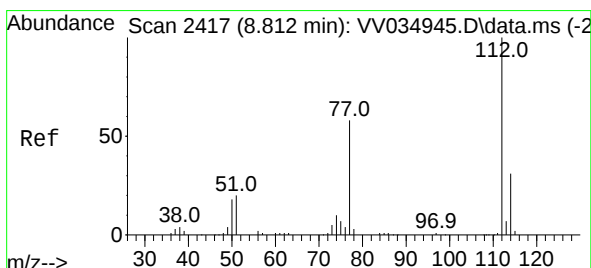
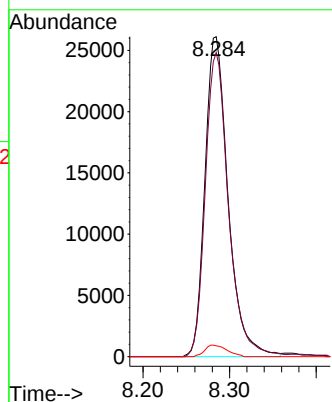
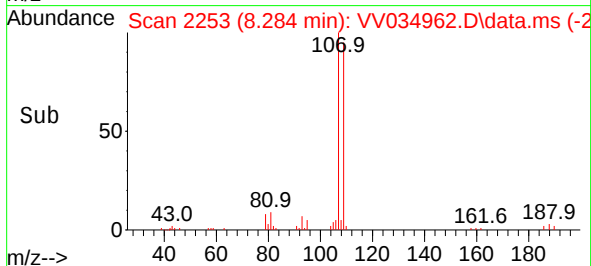


#50
1,2-Dibromoethane
Concen: 5.545 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

Instrument :
MSVOA_V
ClientSampleId :

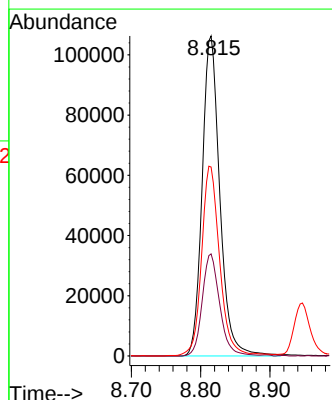
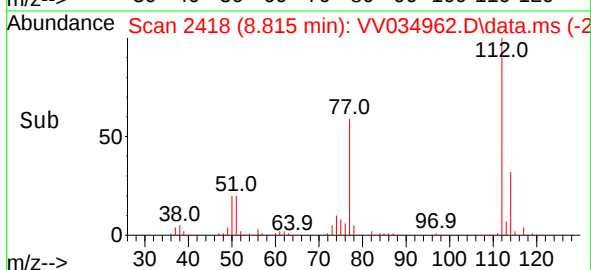
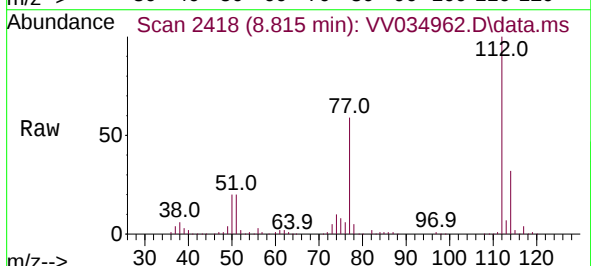


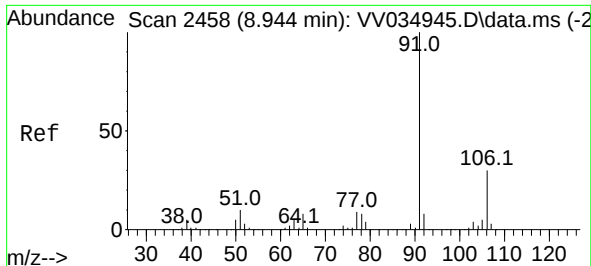
Tgt Ion:107 Resp: 48553
Ion Ratio Lower Upper
107 100
109 95.0 66.1 122.8
188 3.4 3.2 4.8



#51
Chlorobenzene
Concen: 5.087 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

Tgt Ion:112 Resp: 188588
Ion Ratio Lower Upper
112 100
114 31.9 21.9 40.7
77 59.1 47.4 71.2





#52

Ethylbenzene

Concen: 5.073 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

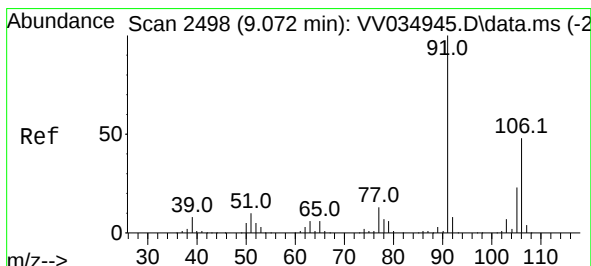
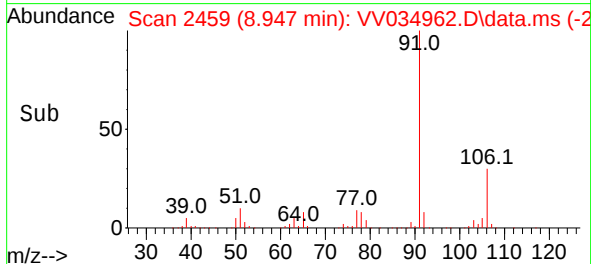
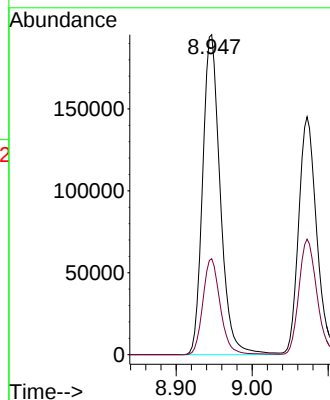
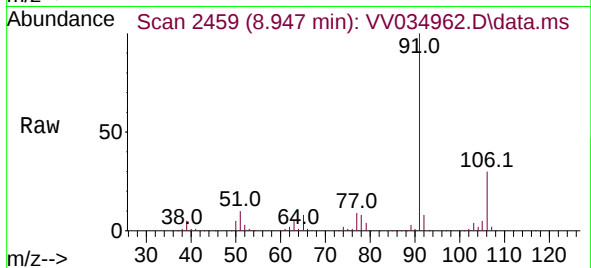
ClientSampleId :

Tgt Ion: 91 Resp: 314433

Ion Ratio Lower Upper

91 100

106 30.0 21.2 39.4



#53

m,p-Xylene

Concen: 5.113 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV034962.D

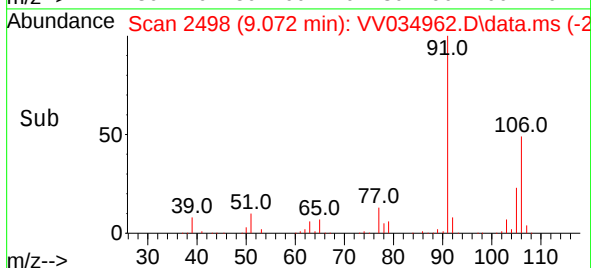
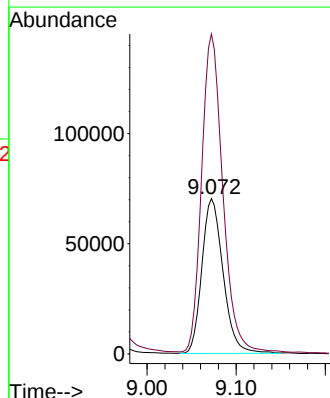
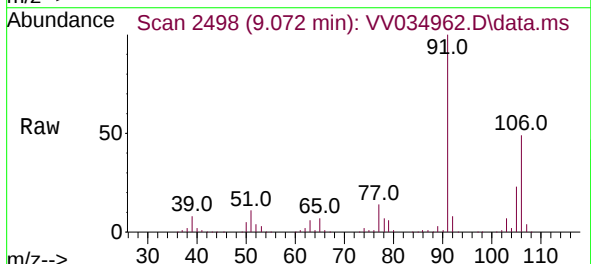
Acq: 03 Apr 2024 17:26

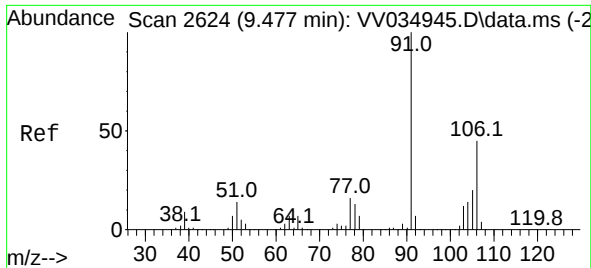
Tgt Ion:106 Resp: 116362

Ion Ratio Lower Upper

106 100

91 205.9 145.7 270.7

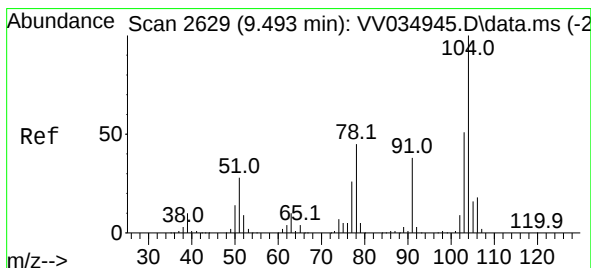
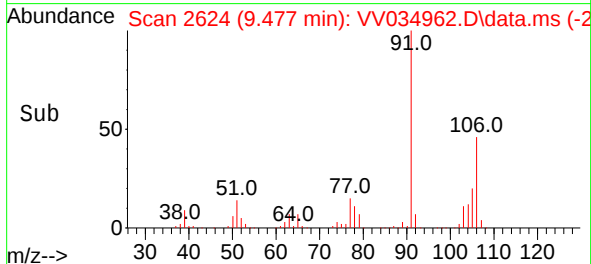
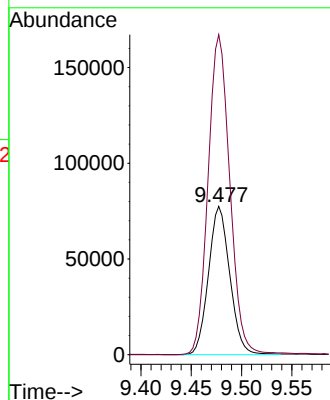
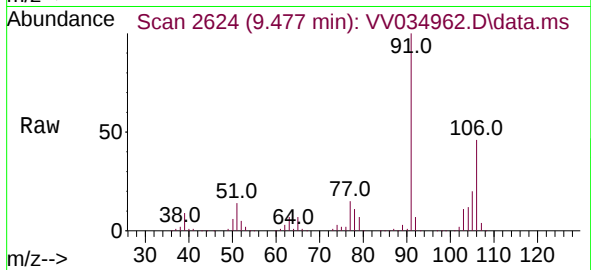




#54
o-Xylene
Concen: 5.120 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

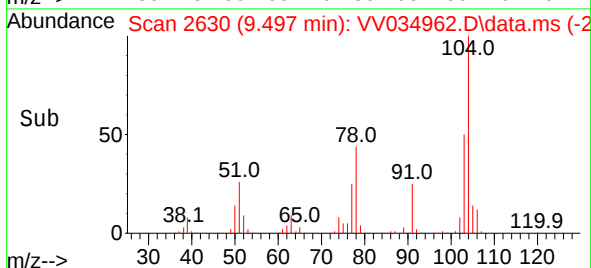
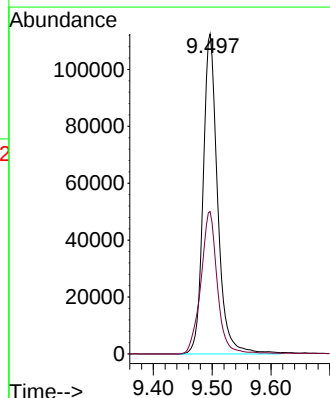
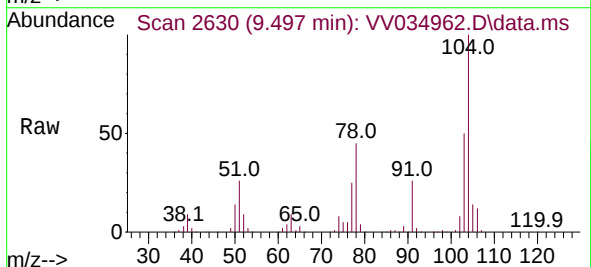
Instrument :
MSVOA_V
ClientSampleId :

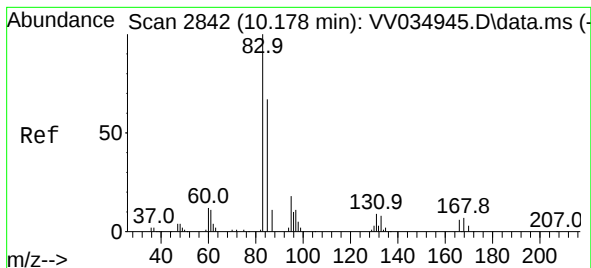
Tgt Ion:106 Resp: 114333
Ion Ratio Lower Upper
106 100
91 215.8 151.2 280.8



#55
Styrene
Concen: 5.375 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

Tgt Ion:104 Resp: 192962
Ion Ratio Lower Upper
104 100
78 44.5 30.9 57.5

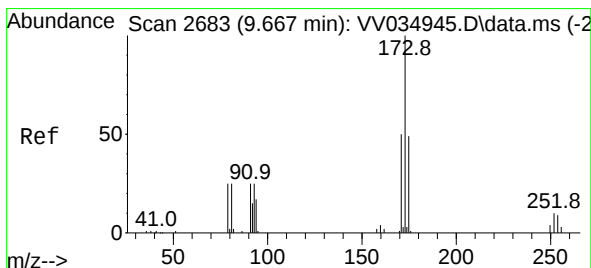
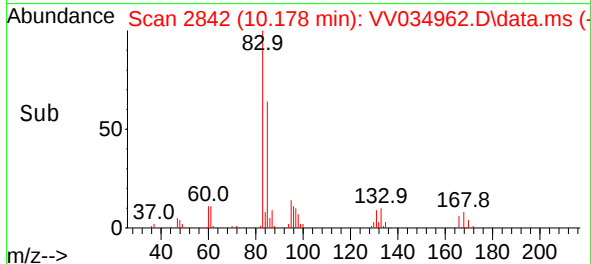
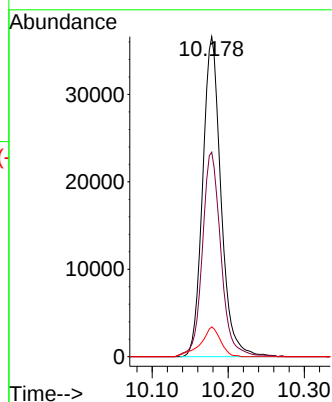
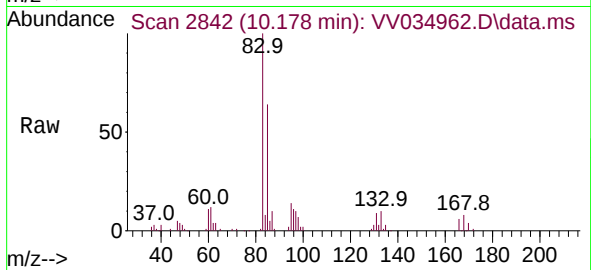




#57
1,1,2,2-Tetrachloroethane
Concen: 5.518 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

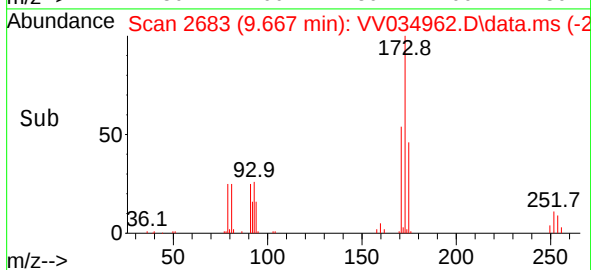
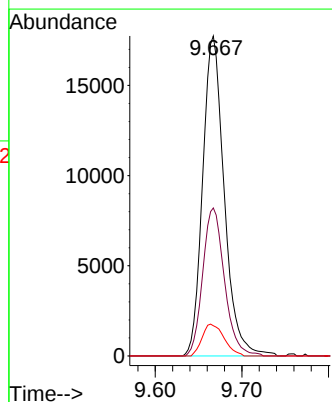
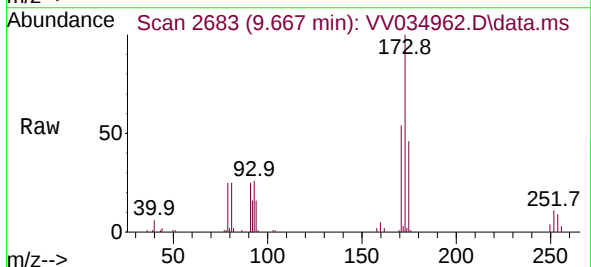
Instrument :
MSVOA_V
ClientSampleId :

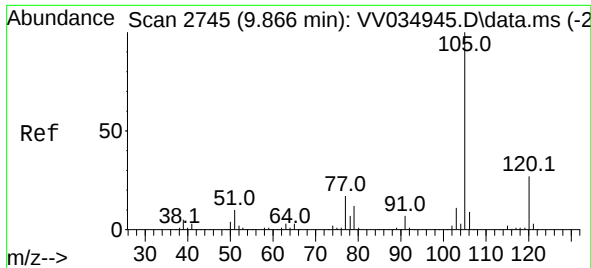
Tgt Ion	83	Resp	61341
Ion Ratio	100		
Lower			
Upper			
83	100		
85	63.9	45.7	84.9
131	9.3	7.6	11.4



#59
Bromoform
Concen: 5.314 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

Tgt Ion	173	Resp	30678
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
173	100		
175	46.6	37.8	56.8
254	10.1	7.8	11.6

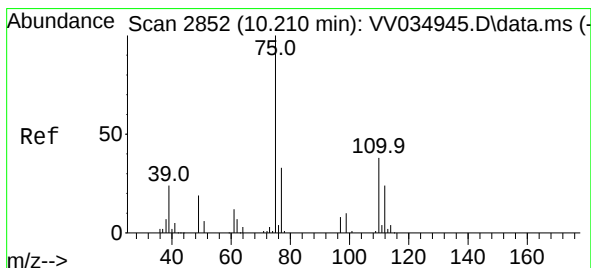
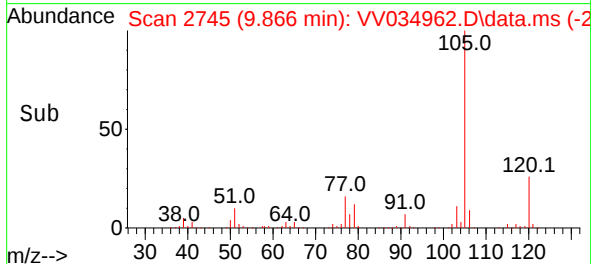
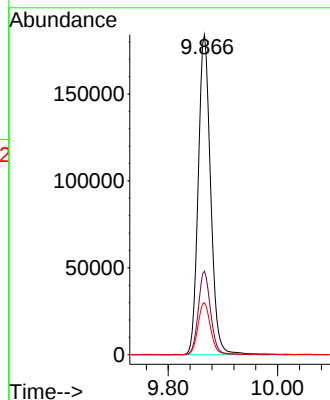
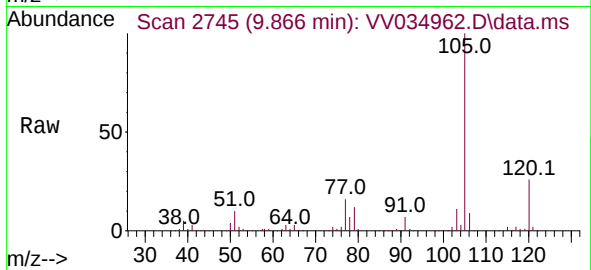




#60
Isopropylbenzene
Concen: 4.980 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

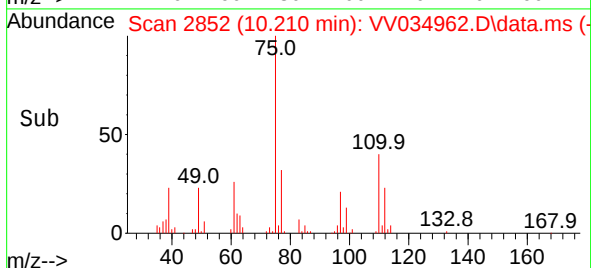
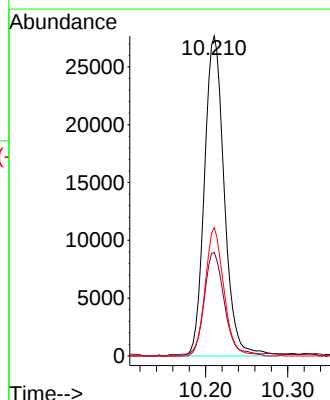
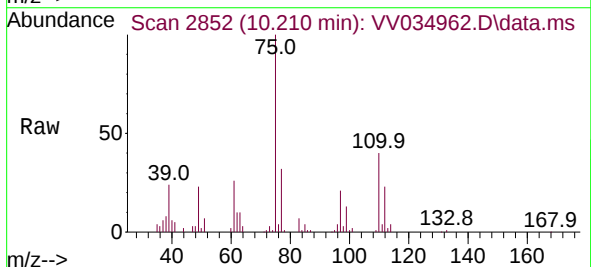
Instrument :
MSVOA_V
ClientSampleId :

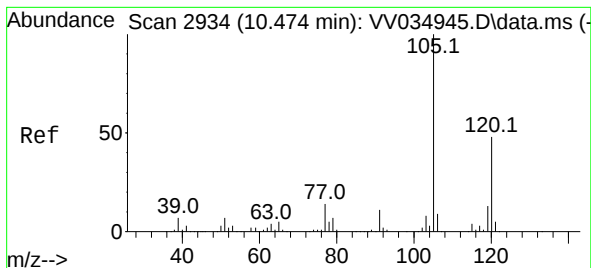
Tgt Ion:105 Resp: 289102
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.4
77 16.2 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 5.365 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

Tgt Ion: 75 Resp: 46518
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
110 37.7 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 4.746 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

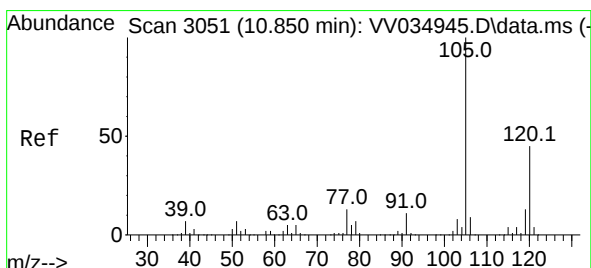
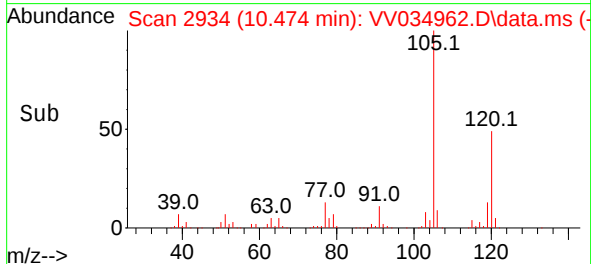
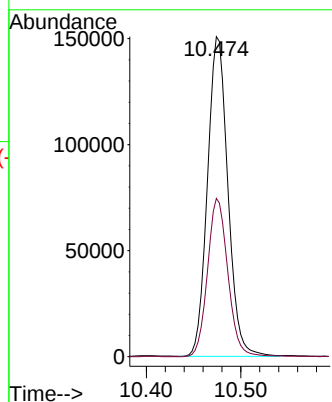
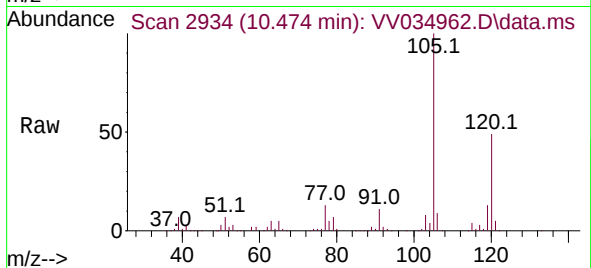
ClientSampleId :

Tgt Ion:105 Resp: 226329

Ion Ratio Lower Upper

105 100

120 49.6 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 4.968 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034962.D

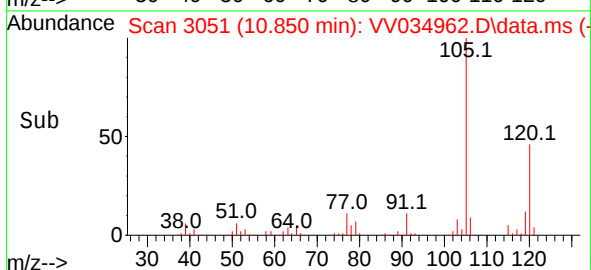
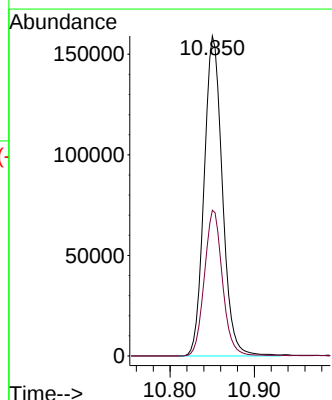
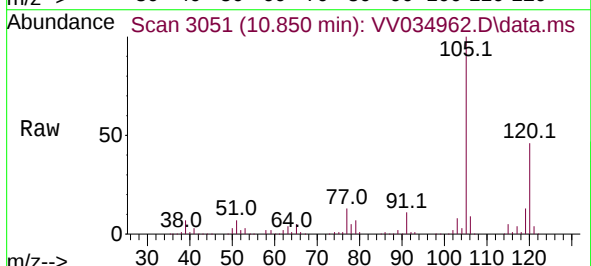
Acq: 03 Apr 2024 17:26

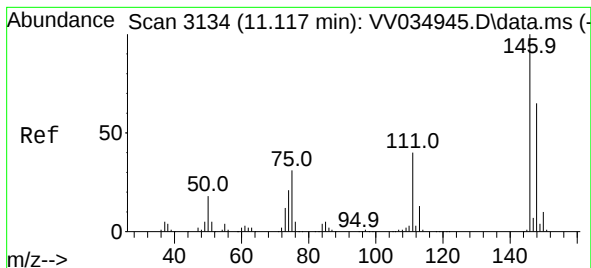
Tgt Ion:105 Resp: 240363

Ion Ratio Lower Upper

105 100

120 45.3 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 5.053 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

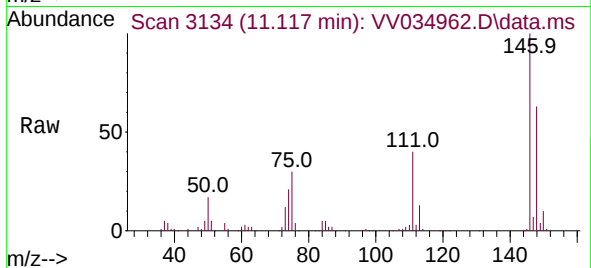
Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

ClientSampleId :



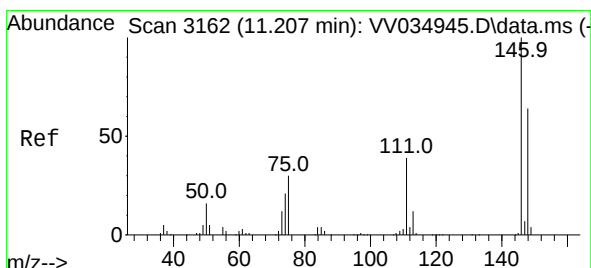
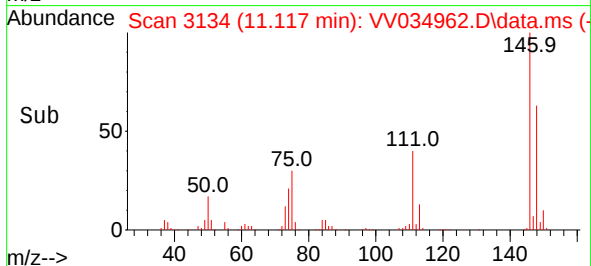
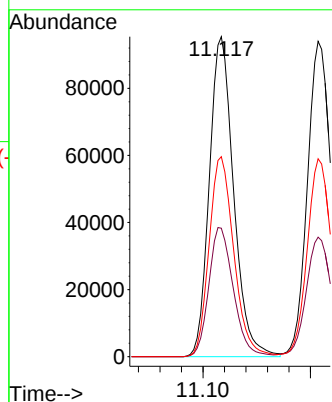
Tgt Ion:146 Resp: 149699

Ion Ratio Lower Upper

146 100

111 40.1 27.7 51.5

148 62.5 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 5.083 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

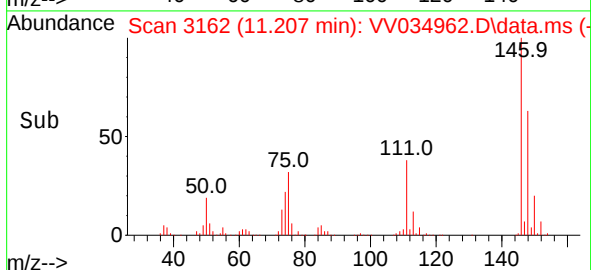
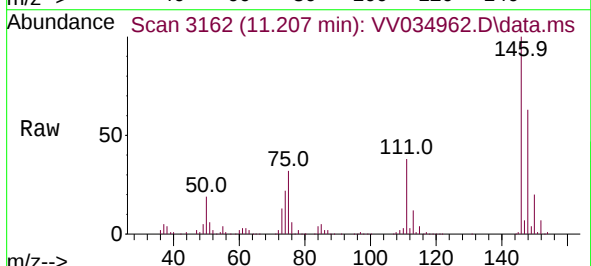
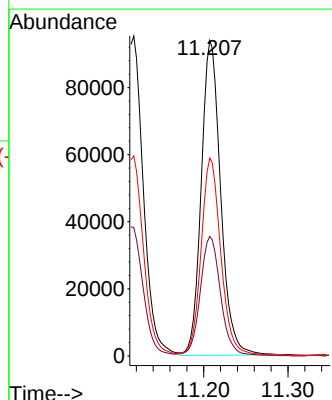
Tgt Ion:146 Resp: 150818

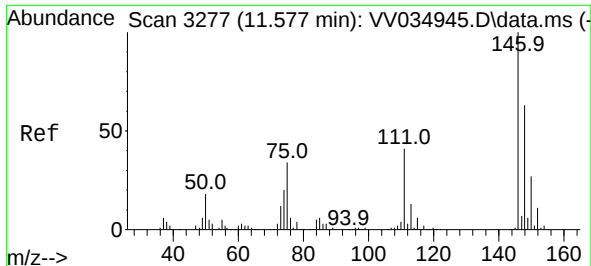
Ion Ratio Lower Upper

146 100

111 37.9 27.3 50.7

148 62.8 43.5 80.7

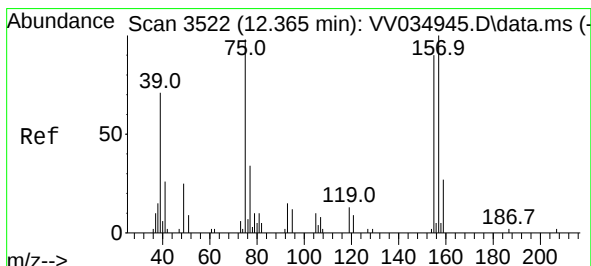
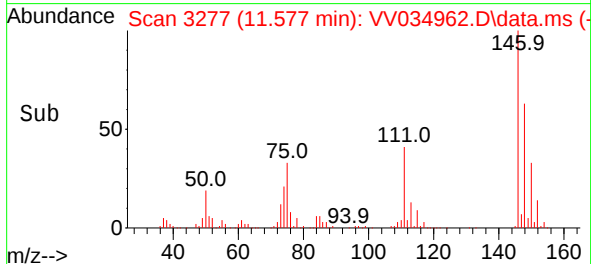
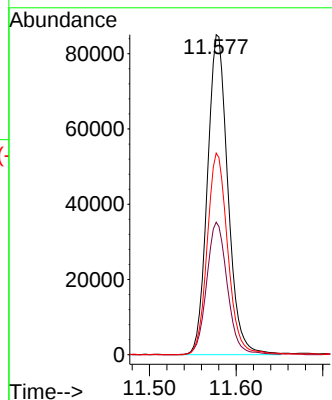
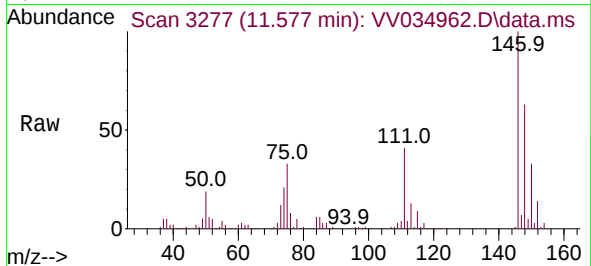




#67
1,2-Dichlorobenzene
Concen: 5.108 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

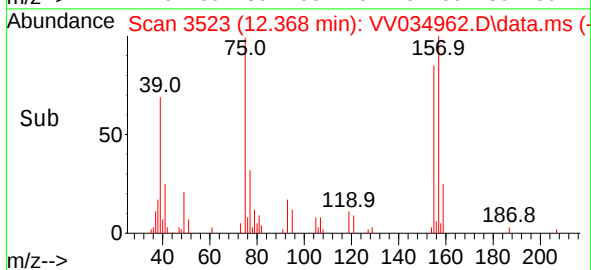
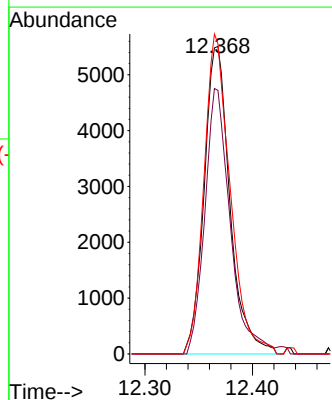
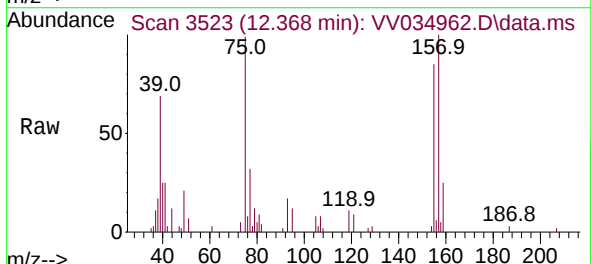
Instrument :
MSVOA_V
ClientSampleId :

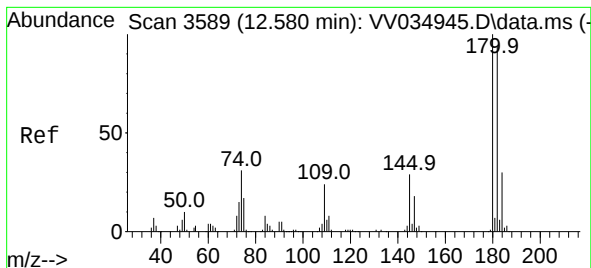
Tgt Ion:146 Resp: 139812
Ion Ratio Lower Upper
146 100
111 41.4 33.9 50.9
148 63.0 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.169 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV034962.D
Acq: 03 Apr 2024 17:26

Tgt Ion: 75 Resp: 9214
Ion Ratio Lower Upper
75 100
155 85.7 63.4 95.0
157 100.8 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 4.812 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

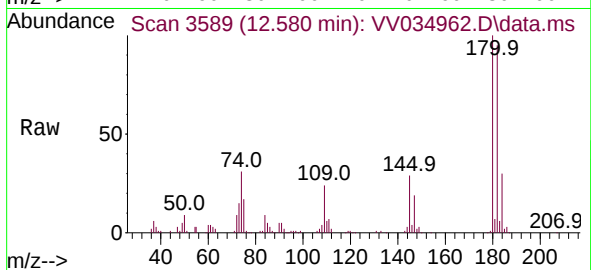
Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 107047

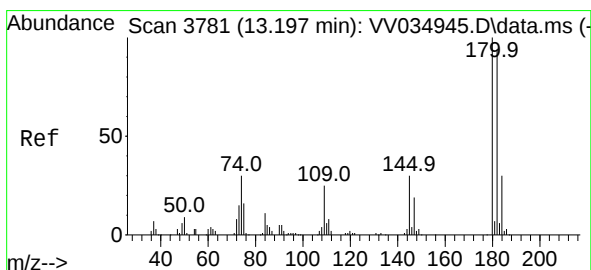
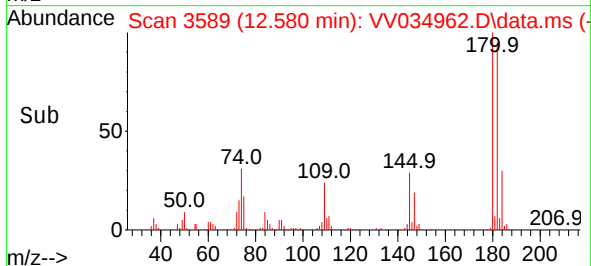
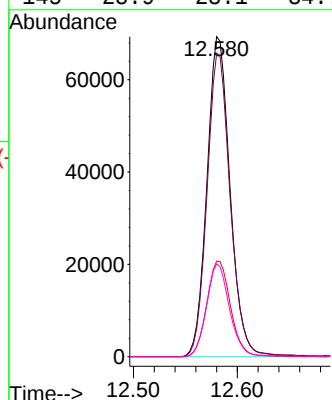
Ion Ratio Lower Upper

180 100

182 95.5 77.3 115.9

184 30.7 24.1 36.1

145 28.9 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 8.327 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

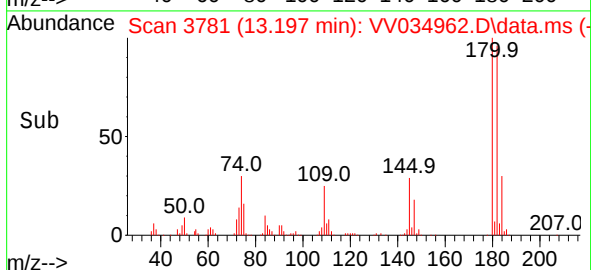
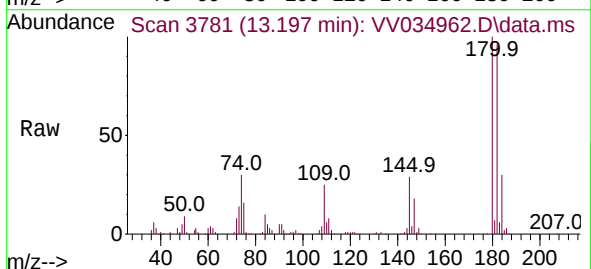
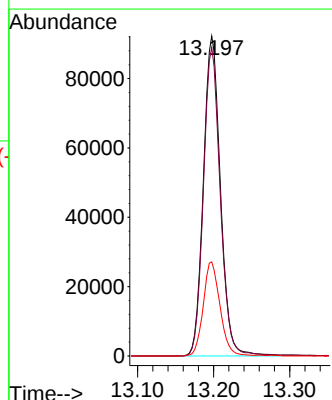
Tgt Ion:180 Resp: 143895

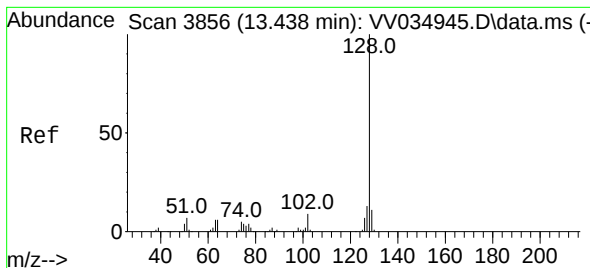
Ion Ratio Lower Upper

180 100

182 95.1 75.3 112.9

145 28.8 23.4 35.0





#71

Naphthalene

Concen: 5.095 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Instrument :

MSVOA_V

ClientSampleId :

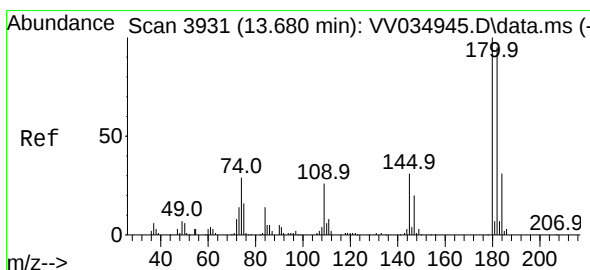
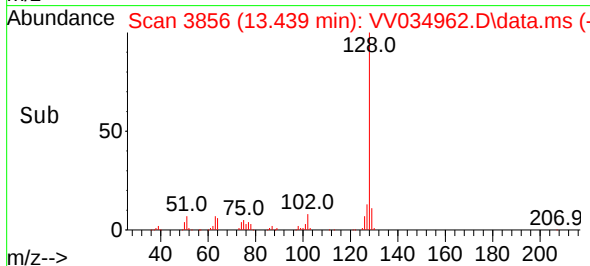
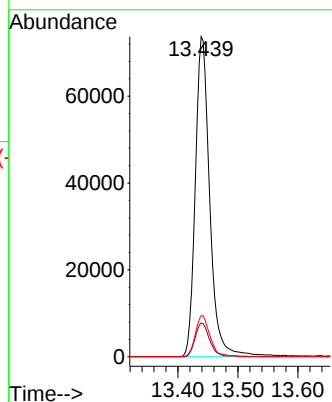
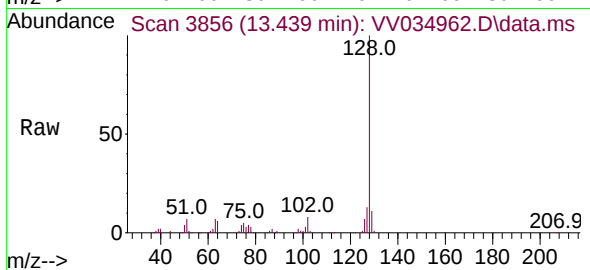
Tgt Ion:128 Resp: 123730

Ion Ratio Lower Upper

128 100

129 10.3 8.6 12.8

127 13.0 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 6.135 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034962.D

Acq: 03 Apr 2024 17:26

Tgt Ion:180 Resp: 93232

Ion Ratio Lower Upper

180 100

182 95.5 77.0 115.4

145 32.2 25.4 38.2

