

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033584.D
 Acq On : 12 Jan 2024 09:50
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 12 23:06:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:05:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	146319	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	132800	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	65931	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	4154	0.467	ug/L	0.00
7) Chloroethane-d5	1.535	69	3536	0.465	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	1643	0.412	ug/L	0.00
20) 2-Butanone-d5	3.902	46	2657	1.196	ug/L	0.07
24) Chloroform-d	4.255	84	8253	0.448	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	3735	0.448	ug/L	0.02
32) Benzene-d6	4.969	84	15415	0.463	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	6013	0.572	ug/L	0.00
41) Toluene-d8	7.249	98	14124	0.479	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	1840	0.440	ug/L	0.02
46) 2-Hexanone-d5	8.053	63	5649	3.411	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.156	84	3010	0.429	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	5533	0.532	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	5971	0.459	ug/L	97
3) Chloromethane	1.214	50	7429	0.519	ug/L	100
5) Vinyl chloride	1.285	62	7077	0.514	ug/L	97
6) Bromomethane	1.490	94	3578	0.472	ug/L	90
8) Chloroethane	1.551	64	4376	0.517	ug/L	97
9) Trichlorofluoromethane	1.715	101	8237	0.487	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	4729	0.469	ug/L	97
12) 1,1-Dichloroethene	2.072	96	5074	0.548	ug/L	90
13) Acetone	2.146	43	1797	0.953	ug/L	72
14) Carbon disulfide	2.243	76	17804	0.602	ug/L	98
15) Methyl Acetate	2.394	43	1460	0.288	ug/L #	71
16) Methylene chloride	2.449	84	6226	0.542	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	10070	0.405	ug/L	95
18) trans-1,2-Dichloroethene	2.699	96	5320	0.514	ug/L	100
19) 1,1-Dichloroethane	3.117	63	10486	0.471	ug/L	99
21) 2-Butanone	3.969	43	2416	0.951	ug/L	92
22) cis-1,2-Dichloroethene	3.825	96	5523	0.476	ug/L	88
23) Bromochloromethane	4.156	128	1925	0.434	ug/L #	93
25) Chloroform	4.281	83	9584	0.463	ug/L	98
27) 1,2-Dichloroethane	5.063	62	5369	0.448	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	8426	0.470	ug/L	97
30) Cyclohexane	4.580	56	10684	0.544	ug/L	98
31) Carbon tetrachloride	4.735	117	7080	0.480	ug/L	98
33) Benzene	5.018	78	21011	0.480	ug/L	100
34) Trichloroethene	5.841	95	5734	0.489	ug/L	97
35) Methylcyclohexane	6.050	83	10210	0.540	ug/L	97
37) 1,2-Dichloropropane	6.101	63	5372	0.468	ug/L #	87
38) Bromodichloromethane	6.442	83	6529	0.464	ug/L	100
39) cis-1,3-Dichloropropene	6.969	75	6988	0.409	ug/L	99
40) 4-Methyl-2-pentanone	7.175	43	24184	4.026	ug/L	95
42) Toluene	7.323	91	22535	0.483	ug/L	99
44) trans-1,3-Dichloropropene	7.599	75	6000	0.452	ug/L	99

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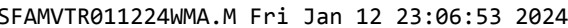
Quant Time: Jan 12 23:06:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:05:58 2024
 Response via : Initial Calibration

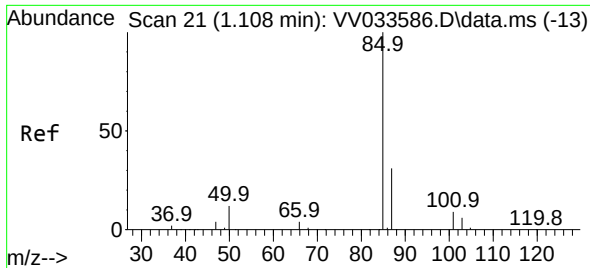
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.773	97	2872	0.421	ug/L	96
47) Tetrachloroethene	7.908	164	4136	0.498	ug/L	95
48) 2-Hexanone	8.098	43	15527	3.526	ug/L #	90
49) Dibromochloromethane	8.178	129	3627	0.451	ug/L	97
50) 1,2-Dibromoethane	8.294	107	2582	0.407	ug/L #	97
51) Chlorobenzene	8.818	112	14412	0.497	ug/L	98
52) Ethylbenzene	8.953	91	26778	0.490	ug/L	98
53) m,p-Xylene	9.078	106	10041	0.498	ug/L	98
54) o-Xylene	9.480	106	9425	0.479	ug/L	96
55) Styrene	9.506	104	15133	0.465	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.181	83	3252	0.432	ug/L	88
59) Bromoform	9.670	173	1763	0.429	ug/L #	94
60) Isopropylbenzene	9.869	105	25434	0.487	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	2491	0.457	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.477	105	21489	0.486	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	21172	0.483	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	11092	0.495	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	11603	0.511	ug/L	92
67) 1,2-Dichlorobenzene	11.583	146	10265	0.524	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.368	75	505	0.401	ug/L #	70
69) 1,3,5-Trichlorobenzene	12.586	180	9199	0.534	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	8832	0.615	ug/L	95
71) Naphthalene	13.445	128	22700	1.142	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	7255	0.644	ug/L	99

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

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QLast Update : Fri Jan 12 23:05:58 2024
Response via : Initial Calibration

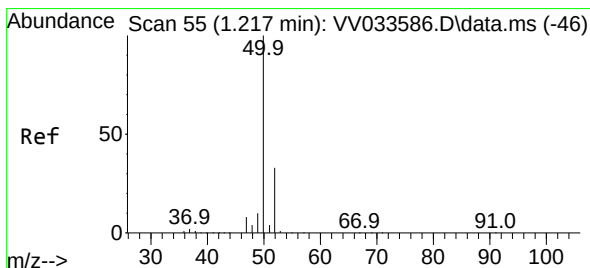
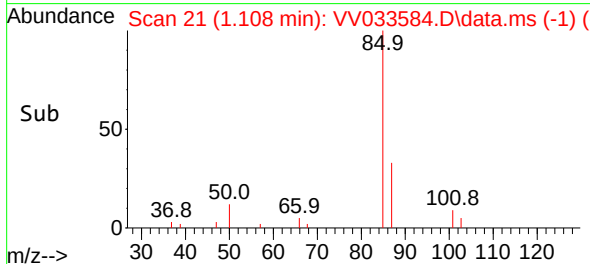
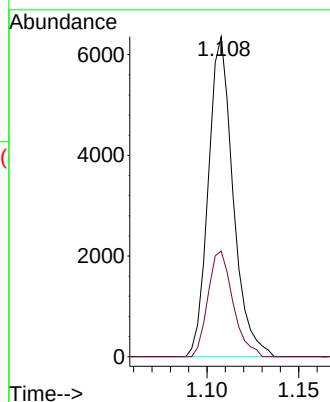
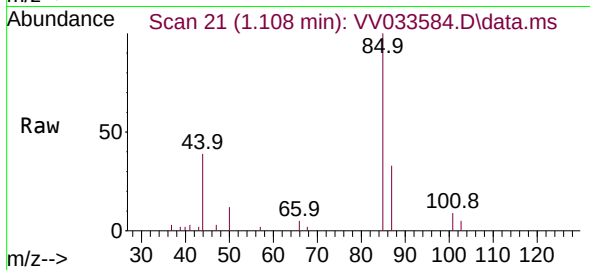




#2
 Dichlorodifluoromethane
 Concen: 0.459 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033584.D
 Acq: 12 Jan 2024 09:50

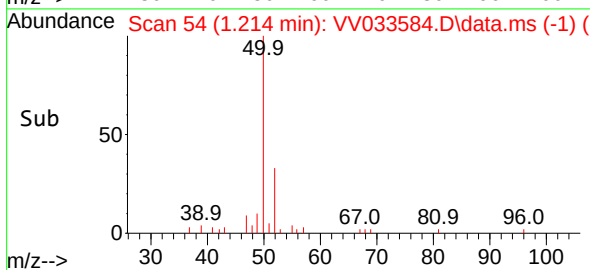
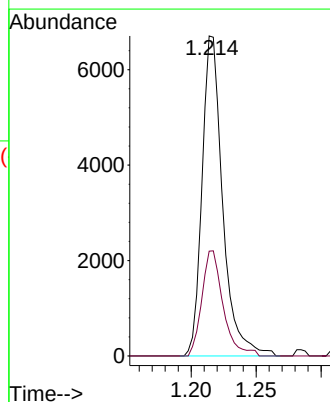
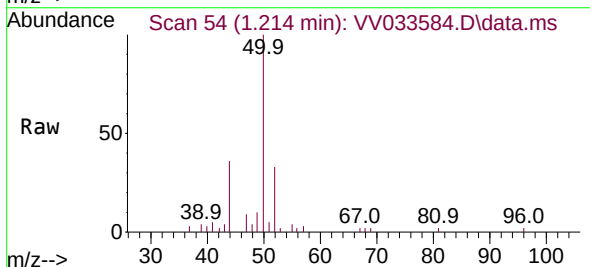
Instrument :
 MSVOA_V
 ClientSampleId :

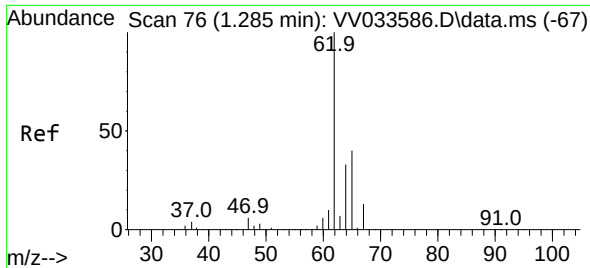
Tgt Ion: 85 Resp: 5971
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.2 37.8



#3
 Chloromethane
 Concen: 0.519 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV033584.D
 Acq: 12 Jan 2024 09:50

Tgt Ion: 50 Resp: 7429
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.1 42.9

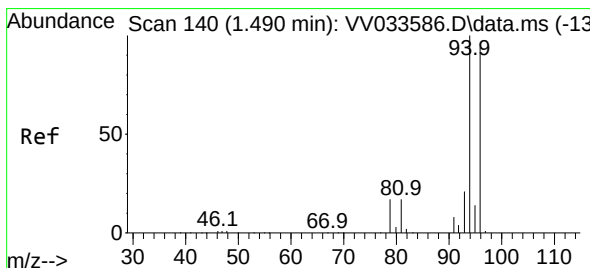
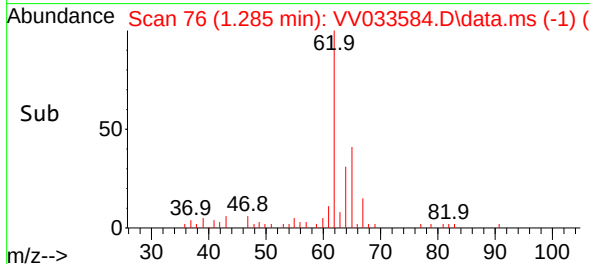
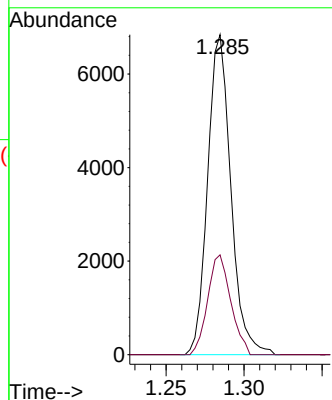
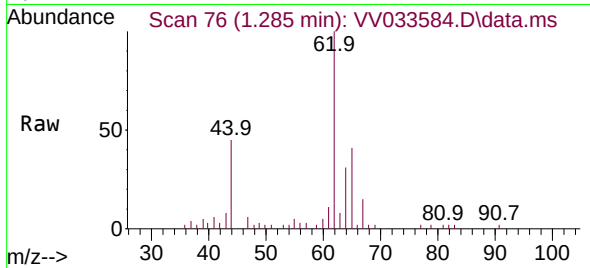




#5
 Vinyl chloride
 Concen: 0.514 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033584.D
 Acq: 12 Jan 2024 09:50

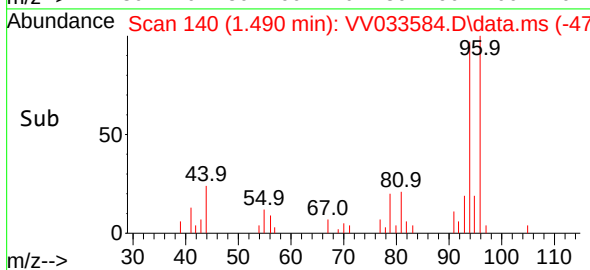
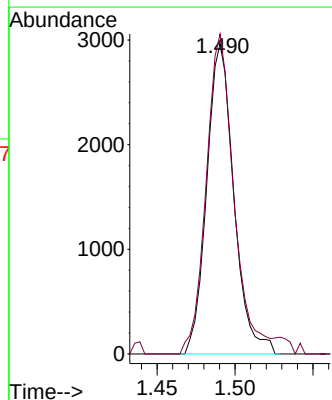
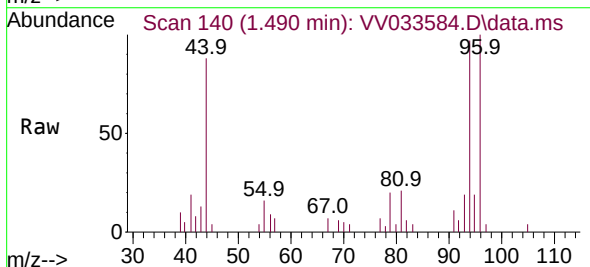
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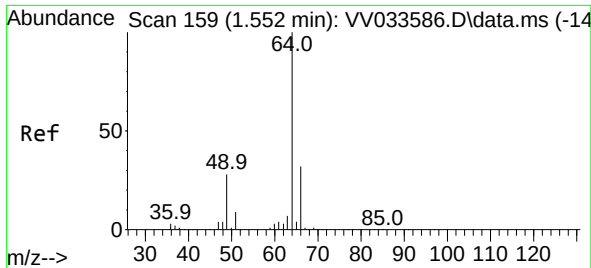
Tgt Ion: 62 Resp: 7077
 Ion Ratio Lower Upper
 62 100
 64 31.2 23.0 42.8



#6
 Bromomethane
 Concen: 0.472 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV033584.D
 Acq: 12 Jan 2024 09:50

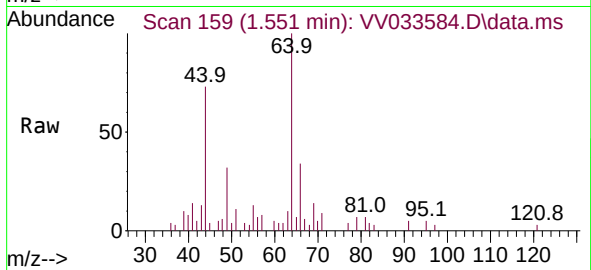
Tgt Ion: 94 Resp: 3578
 Ion Ratio Lower Upper
 94 100
 96 103.1 65.5 121.6



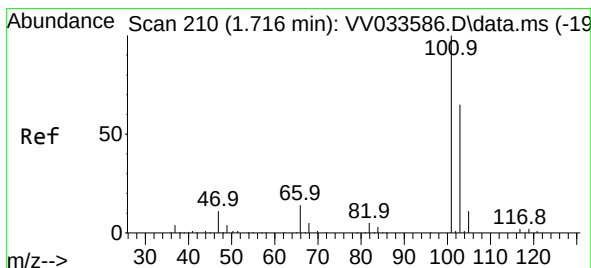
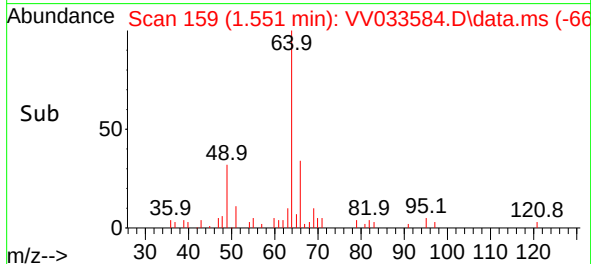
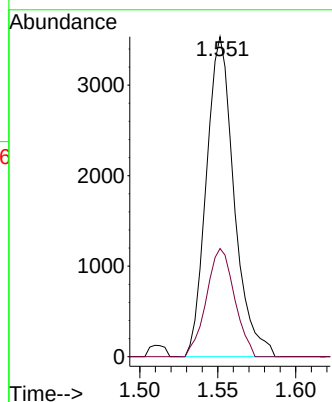


#8
Chloroethane
Concen: 0.517 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

Instrument :
MSVOA_V
ClientSampleId :

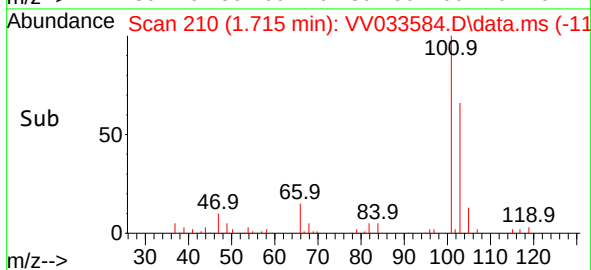
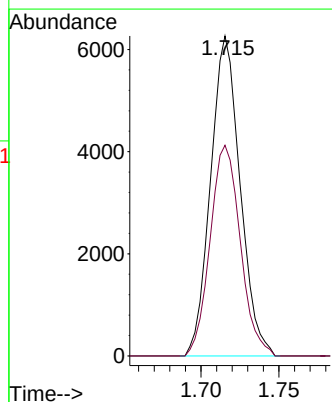
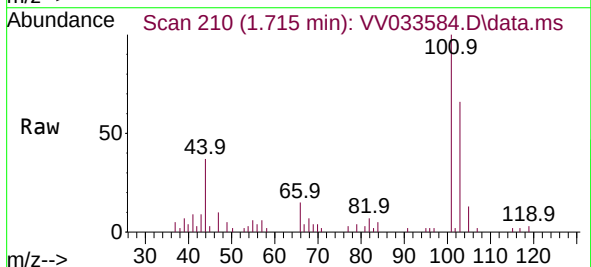


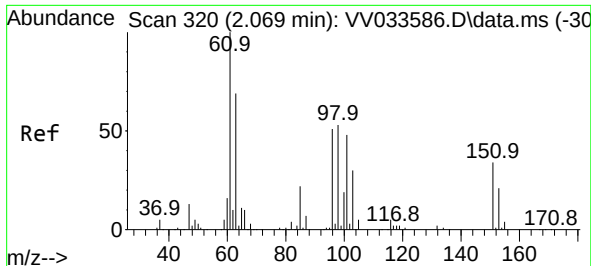
Tgt Ion: 64 Resp: 4376
Ion Ratio Lower Upper
64 100
66 33.8 22.6 42.0



#9
Trichlorofluoromethane
Concen: 0.487 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

Tgt Ion:101 Resp: 8237
Ion Ratio Lower Upper
101 100
103 67.4 52.1 78.1





#10

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

Concen: 0.469 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

ClientSampleId :

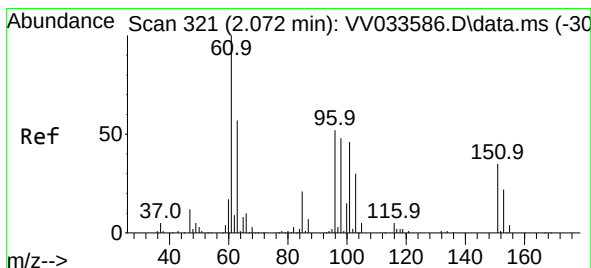
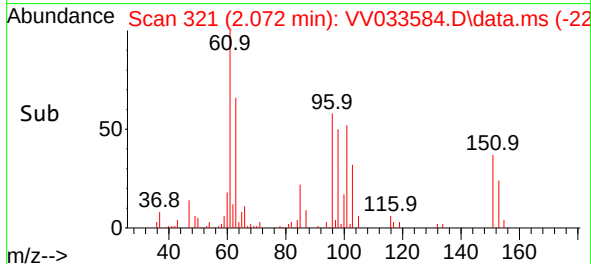
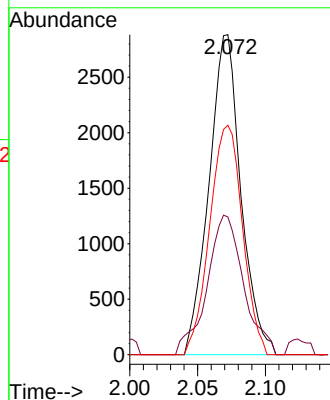
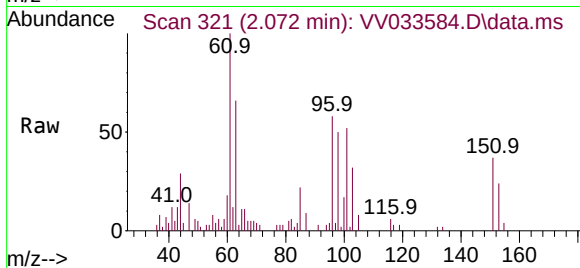
Tgt Ion:101 Resp: 4729

Ion Ratio Lower Upper

101 100

85 49.8 36.4 54.6

151 73.7 58.1 87.1



#12

1,1-Dichloroethene

Concen: 0.548 ug/L

RT: 2.072 min Scan# 321

Delta R.T. -0.000 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

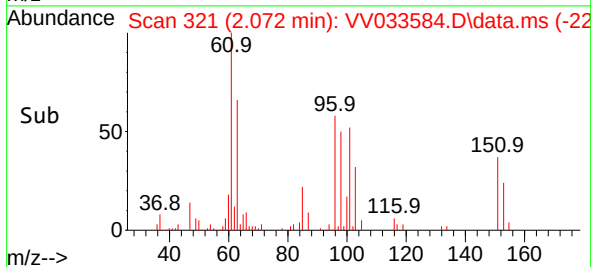
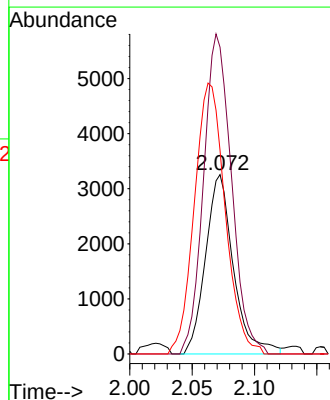
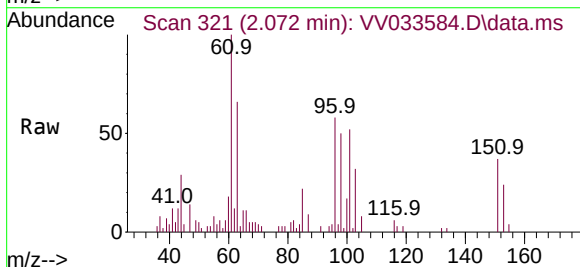
Tgt Ion: 96 Resp: 5074

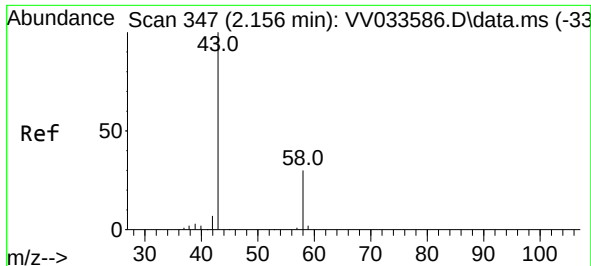
Ion Ratio Lower Upper

96 100

61 171.0 133.8 248.4

63 113.5 77.2 143.4





#13

Acetone

Concen: 0.953 ug/L

RT: 2.146 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

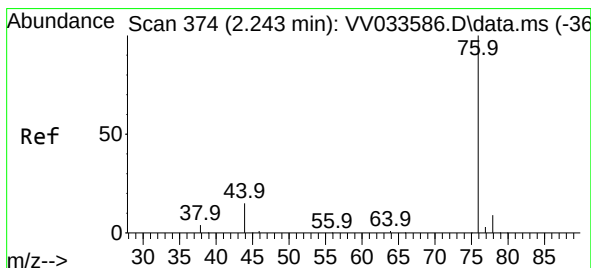
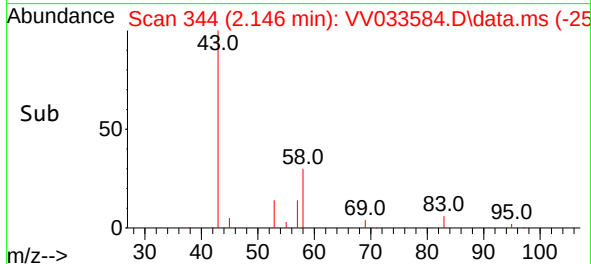
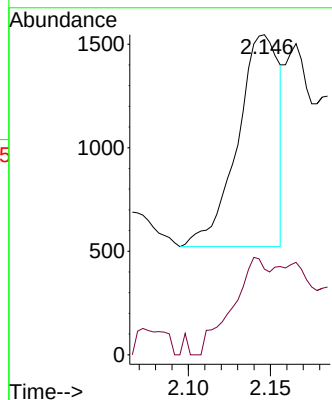
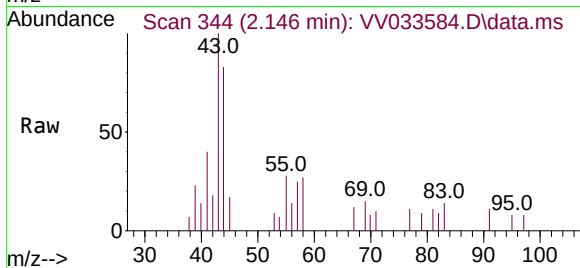
ClientSampleId :

Tgt Ion: 43 Resp: 1797

Ion Ratio Lower Upper

43 100

58 39.8 0.0 51.0



#14

Carbon disulfide

Concen: 0.602 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033584.D

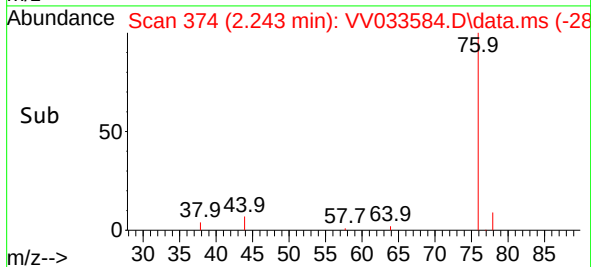
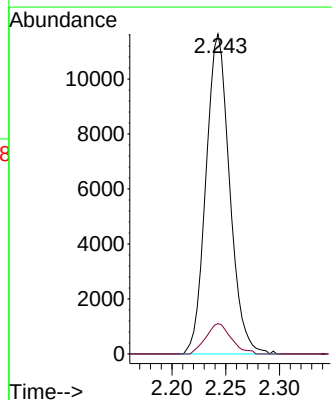
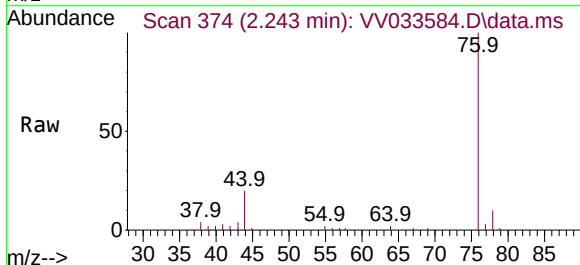
Acq: 12 Jan 2024 09:50

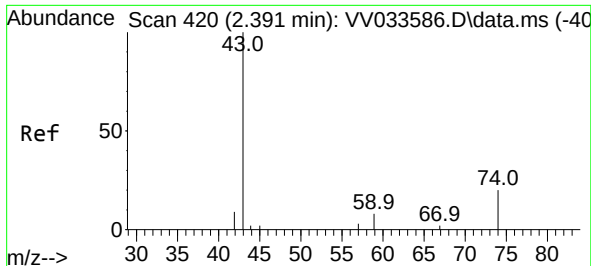
Tgt Ion: 76 Resp: 17804

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

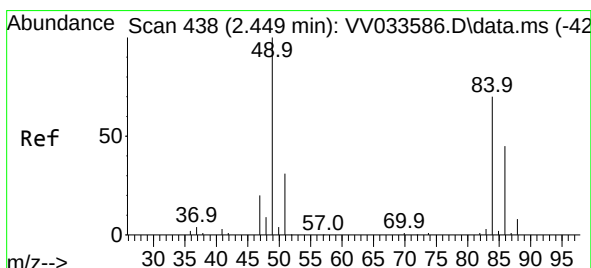
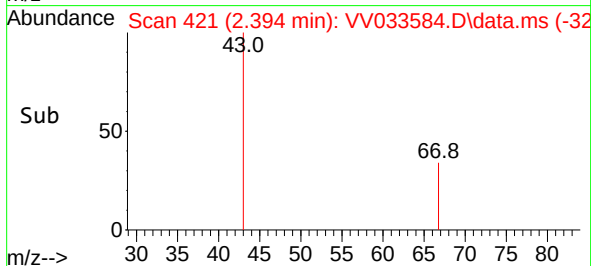
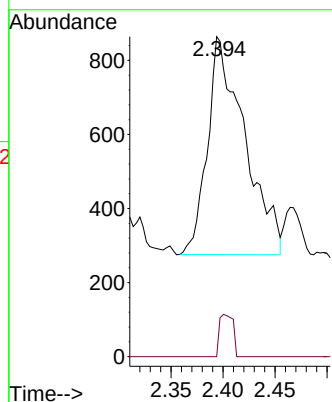
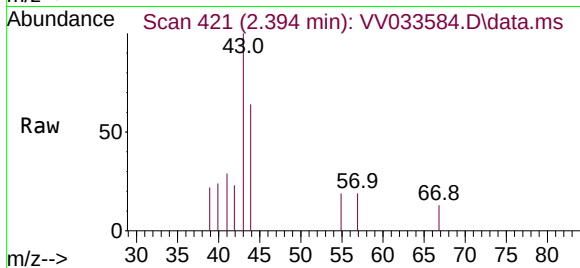




#15
Methyl Acetate
Concen: 0.288 ug/L
RT: 2.394 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

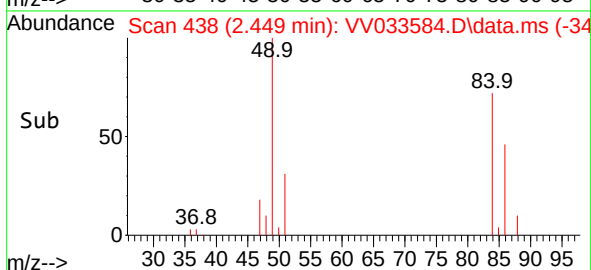
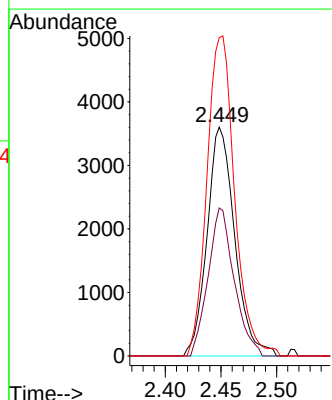
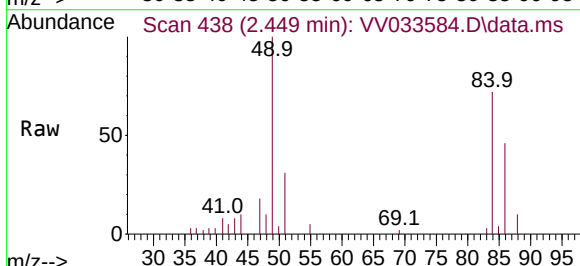
Instrument :
MSVOA_V
ClientSampleId :

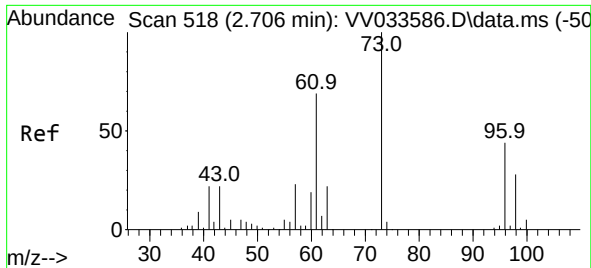
Tgt Ion: 43 Resp: 1460
Ion Ratio Lower Upper
43 100
74 7.1 16.6 24.8#



#16
Methylene chloride
Concen: 0.542 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

Tgt Ion: 84 Resp: 6226
Ion Ratio Lower Upper
84 100
86 64.6 45.5 84.5
49 139.1 100.3 186.3





#17

Methyl tert-butyl Ether

Concen: 0.405 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

ClientSampleId :

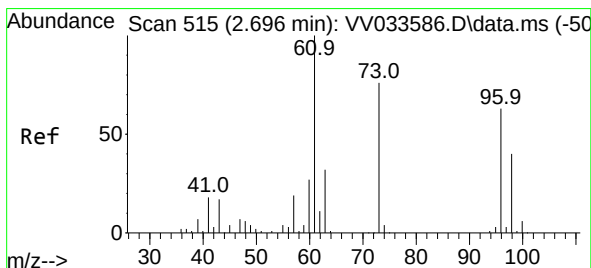
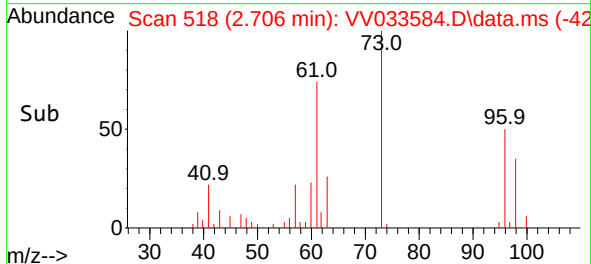
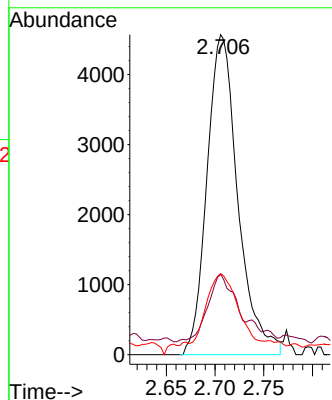
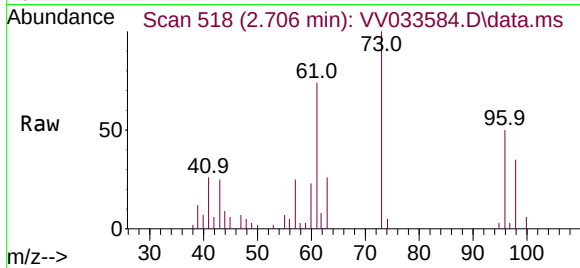
Tgt Ion: 73 Resp: 10070

Ion Ratio Lower Upper

73 100

43 18.6 17.7 26.5

57 26.0 19.5 29.3



#18

trans-1,2-Dichloroethene

Concen: 0.514 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

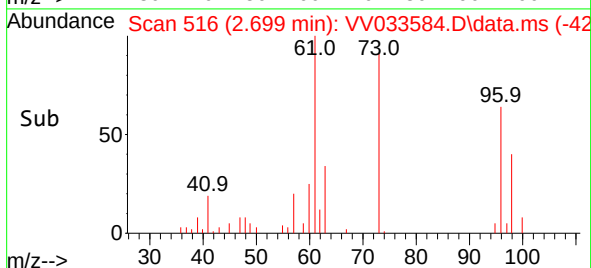
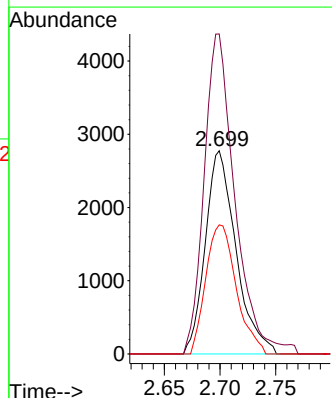
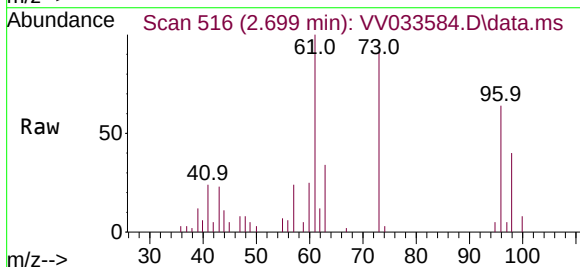
Tgt Ion: 96 Resp: 5320

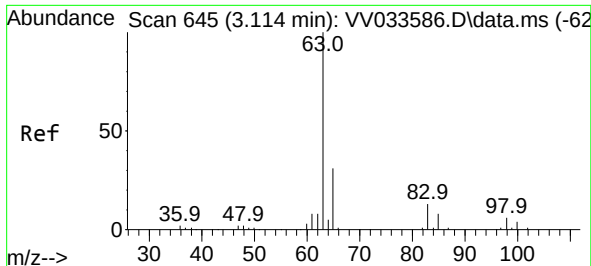
Ion Ratio Lower Upper

96 100

61 157.5 110.4 205.0

98 63.6 44.1 81.9





#19

1,1-Dichloroethane

Concen: 0.471 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

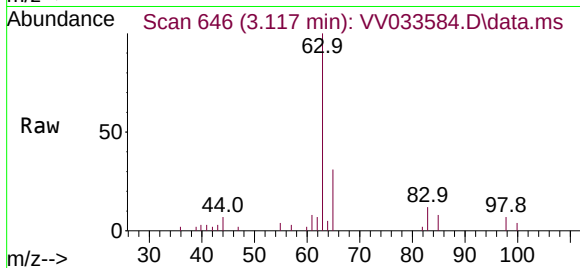
Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

ClientSampleId :



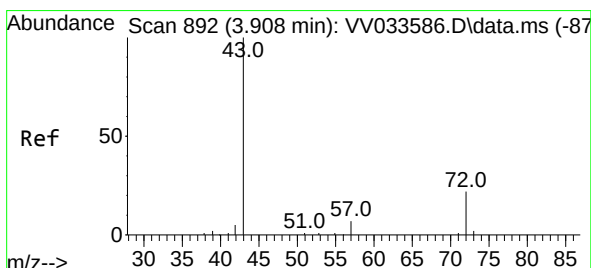
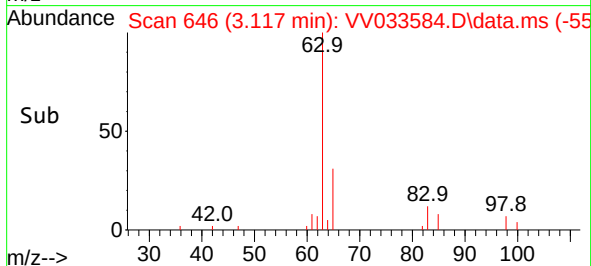
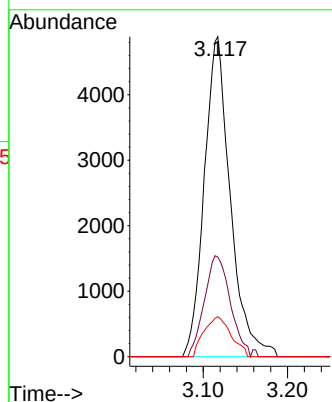
Tgt Ion: 63 Resp: 10486

Ion Ratio Lower Upper

63 100

65 31.1 21.6 40.2

83 12.5 9.1 16.9



#21

2-Butanone

Concen: 0.951 ug/L

RT: 3.969 min Scan# 911

Delta R.T. 0.061 min

Lab File: VV033584.D

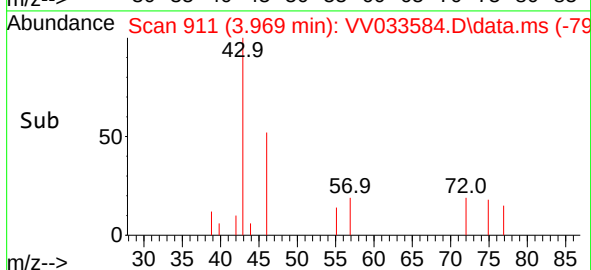
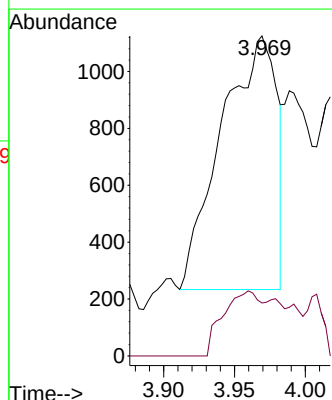
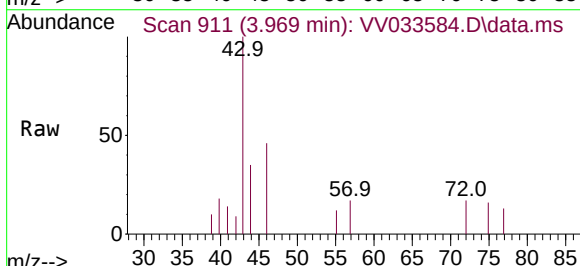
Acq: 12 Jan 2024 09:50

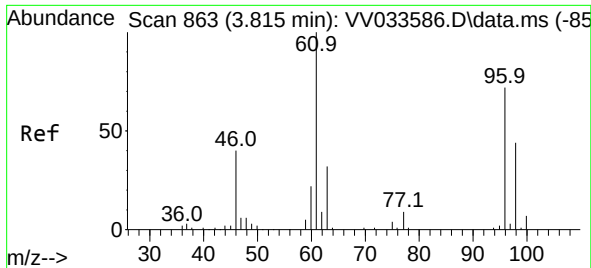
Tgt Ion: 43 Resp: 2416

Ion Ratio Lower Upper

43 100

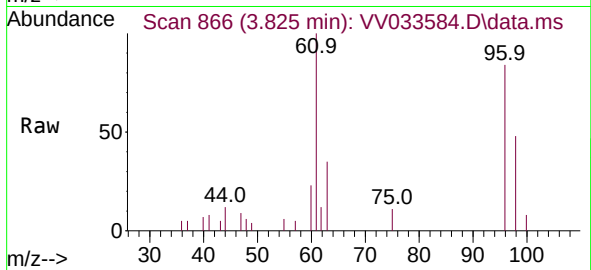
72 17.2 10.5 31.6



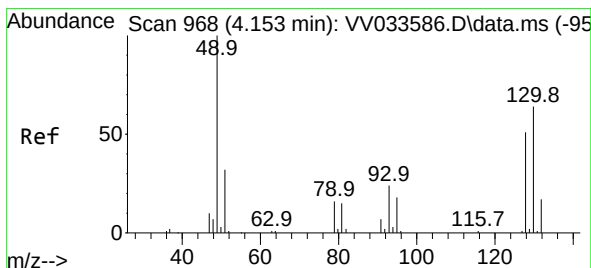
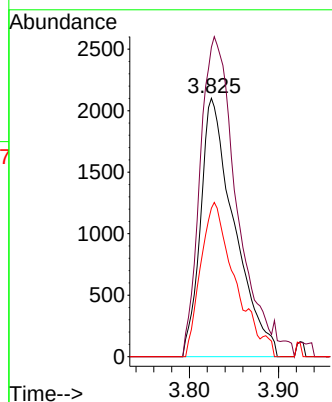
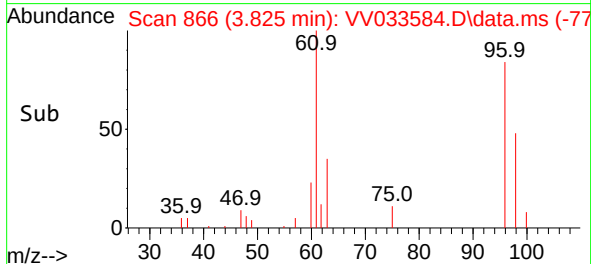


#22
 cis-1,2-Dichloroethene
 Concen: 0.476 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.010 min
 Lab File: VV033584.D
 Acq: 12 Jan 2024 09:50

Instrument :
 MSVOA_V
 ClientSampleId :

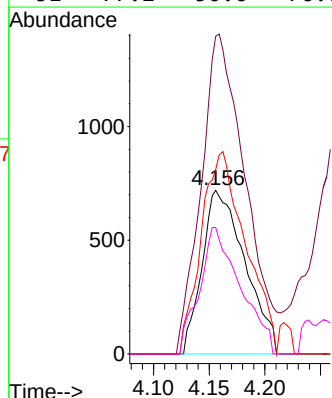
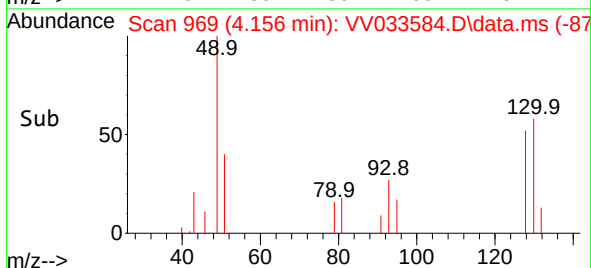
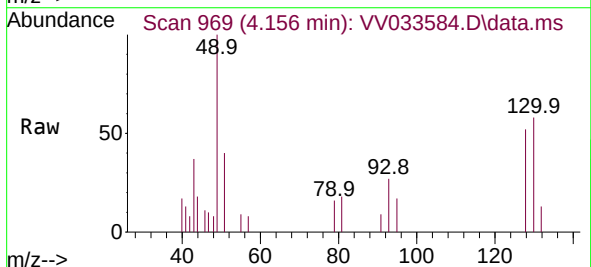


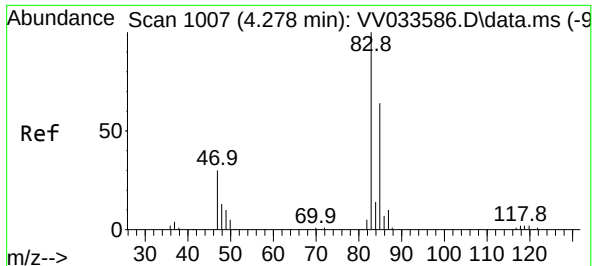
Tgt Ion:	96	Resp:	5523
Ion	Ratio	Lower	Upper
96	100		
61	119.8	97.1	180.3
98	57.5	42.6	79.0



#23
 Bromochloromethane
 Concen: 0.434 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.003 min
 Lab File: VV033584.D
 Acq: 12 Jan 2024 09:50

Tgt Ion:	128	Resp:	1925
Ion	Ratio	Lower	Upper
128	100		
49	194.0	136.4	253.2
130	112.8	87.5	162.5
51	77.2	50.6	76.0





#25

Chloroform

Concen: 0.463 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

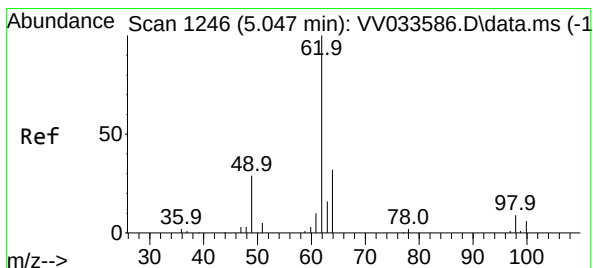
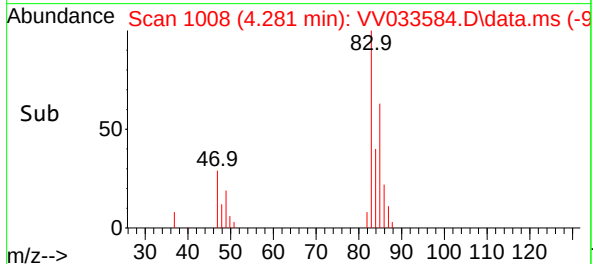
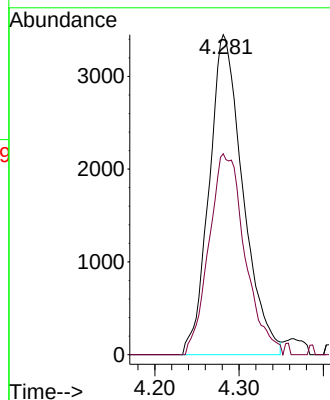
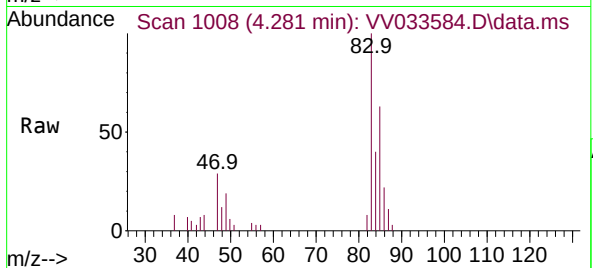
ClientSampleId :

Tgt Ion: 83 Resp: 9584

Ion Ratio Lower Upper

83 100

85 62.8 45.1 83.9



#27

1,2-Dichloroethane

Concen: 0.448 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. 0.016 min

Lab File: VV033584.D

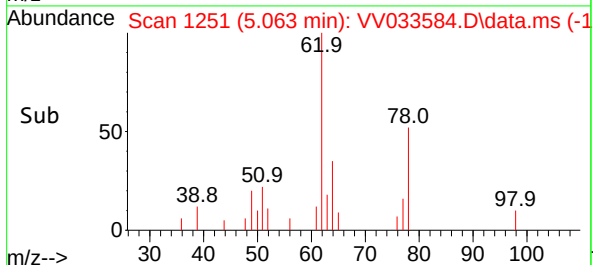
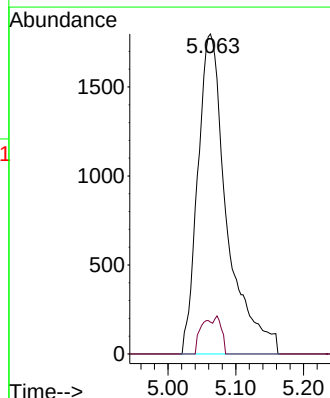
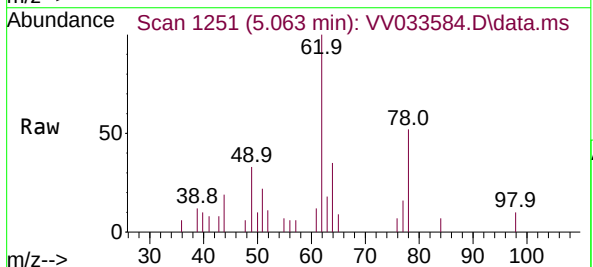
Acq: 12 Jan 2024 09:50

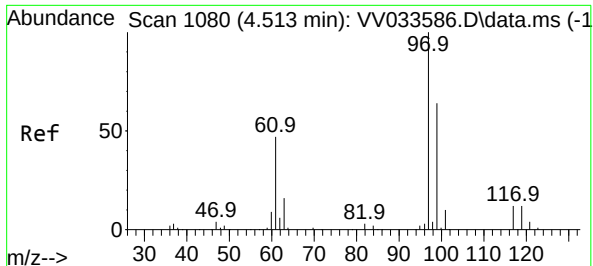
Tgt Ion: 62 Resp: 5369

Ion Ratio Lower Upper

62 100

98 10.0 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 0.470 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

ClientSampleId :

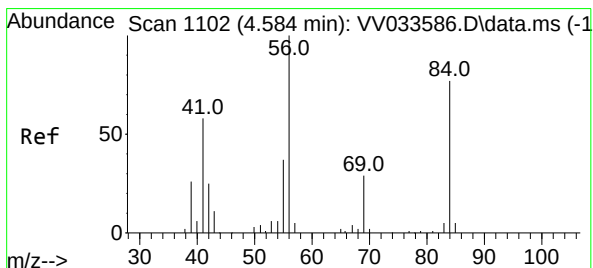
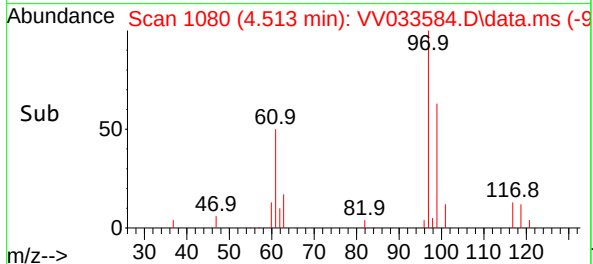
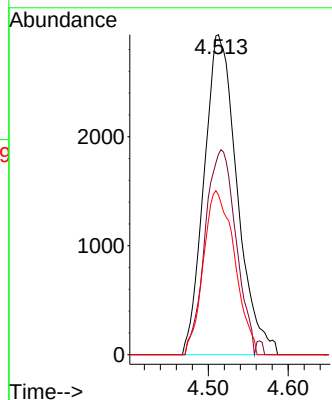
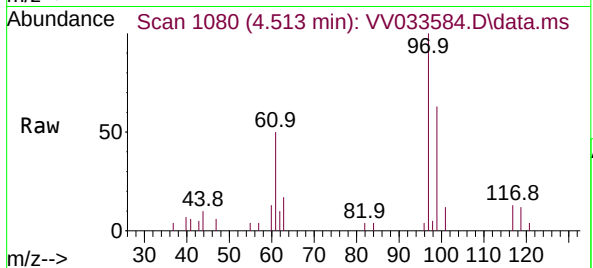
Tgt Ion: 97 Resp: 8426

Ion Ratio Lower Upper

97 100

99 59.7 50.8 76.2

61 48.5 38.1 57.1



#30

Cyclohexane

Concen: 0.544 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

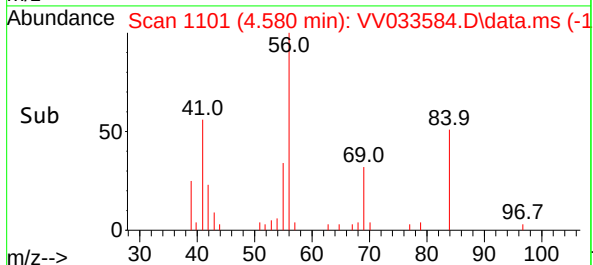
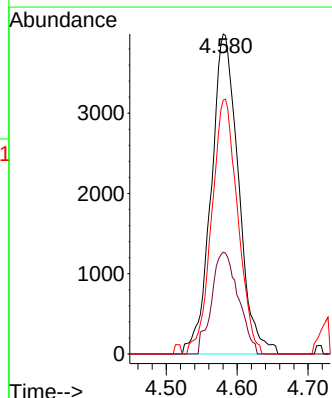
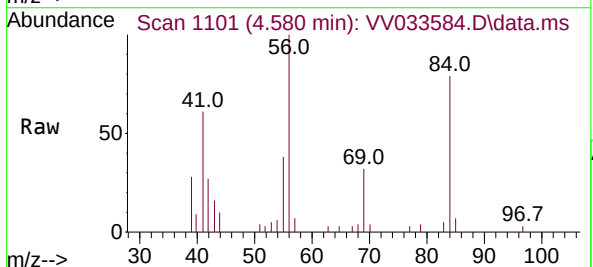
Tgt Ion: 56 Resp: 10684

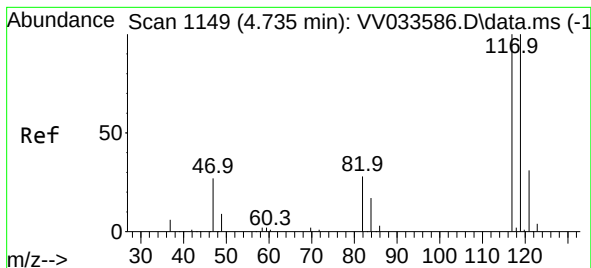
Ion Ratio Lower Upper

56 100

69 30.9 23.3 34.9

84 75.6 61.7 92.5





#31

Carbon tetrachloride

Concen: 0.480 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

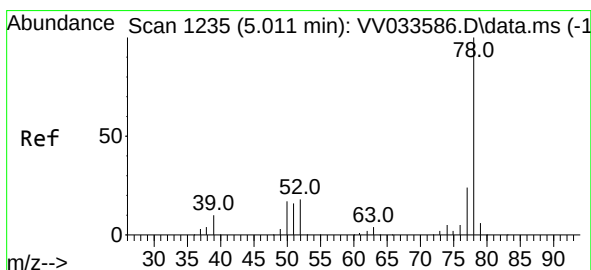
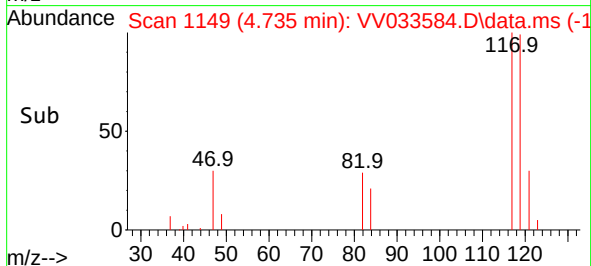
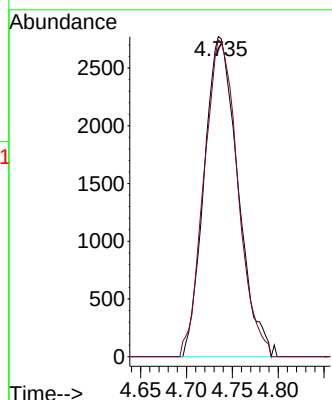
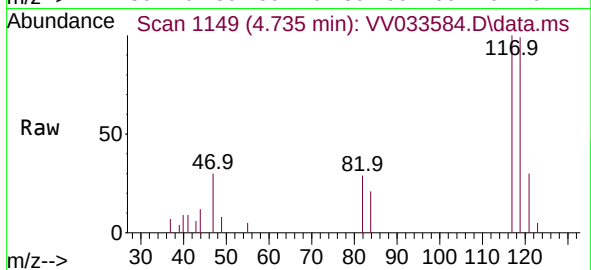
ClientSampleId :

Tgt Ion:117 Resp: 7080

Ion Ratio Lower Upper

117 100

119 99.4 78.3 117.5



#33

Benzene

Concen: 0.480 ug/L

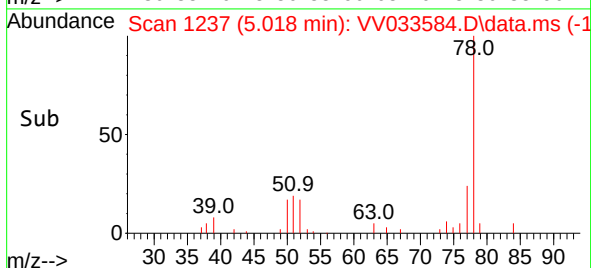
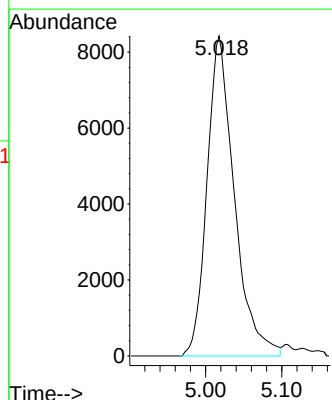
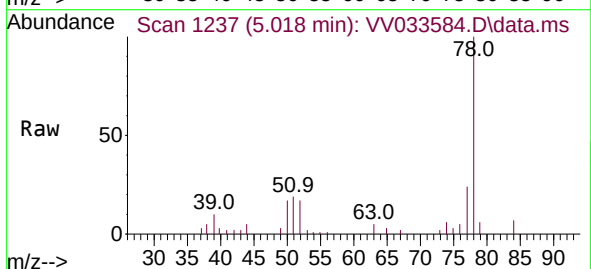
RT: 5.018 min Scan# 1237

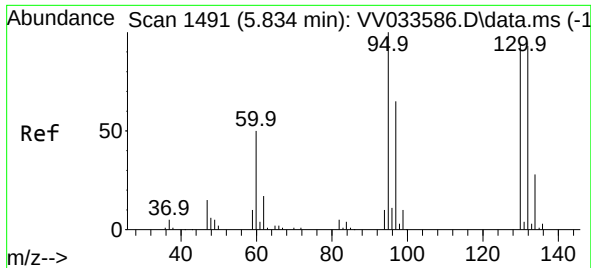
Delta R.T. 0.006 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Tgt Ion: 78 Resp: 21011



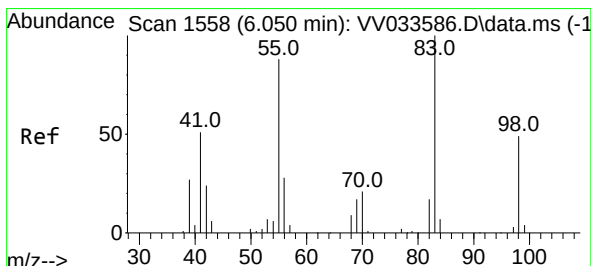
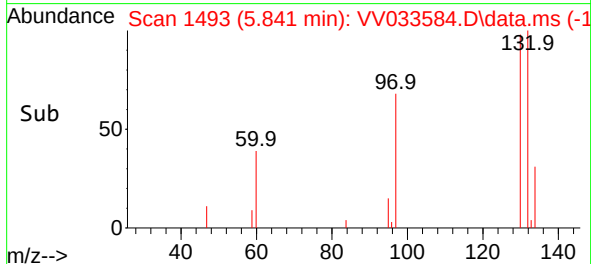
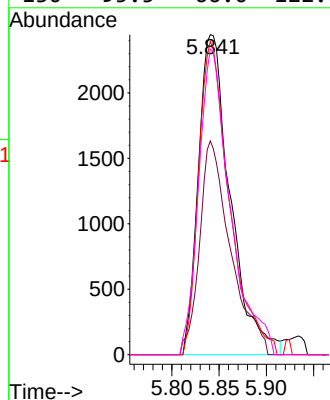
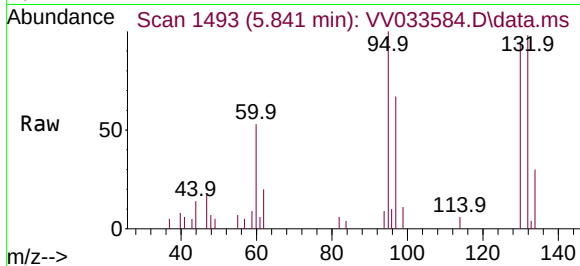


#34
Trichloroethene
Concen: 0.489 ug/L
RT: 5.841 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 5734

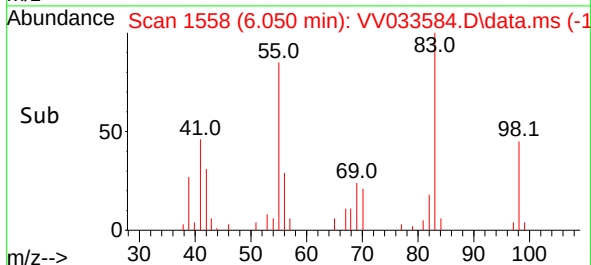
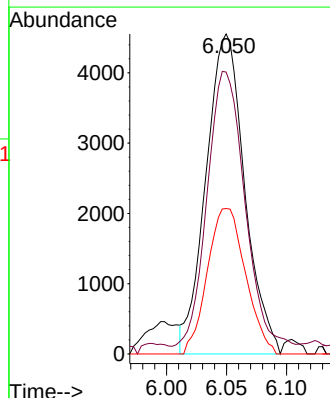
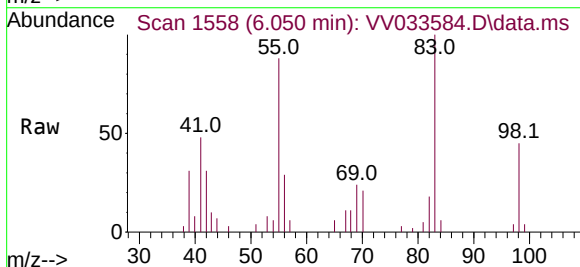
Ion	Ratio	Lower	Upper
95	100		
97	66.8	45.1	83.9
132	97.9	65.2	121.2
130	95.5	66.0	122.6

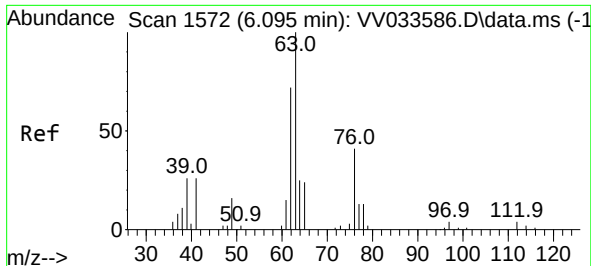


#35
Methylcyclohexane
Concen: 0.540 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

Tgt Ion: 83 Resp: 10210

Ion	Ratio	Lower	Upper
83	100		
55	83.5	68.7	103.1
98	44.8	38.3	57.5





#37

1,2-Dichloropropane

Concen: 0.468 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

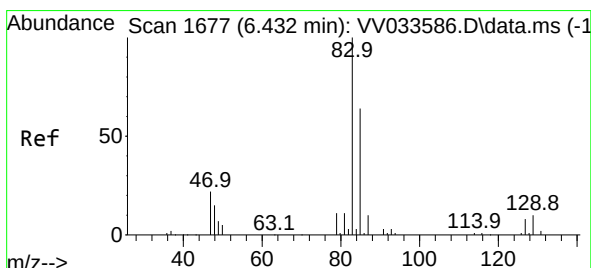
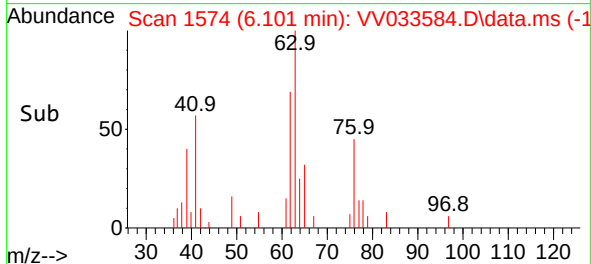
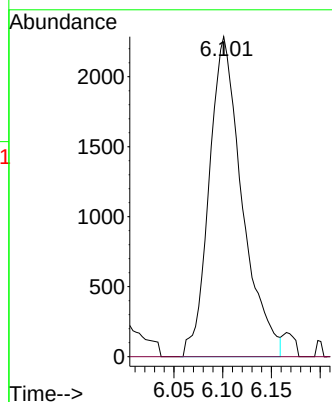
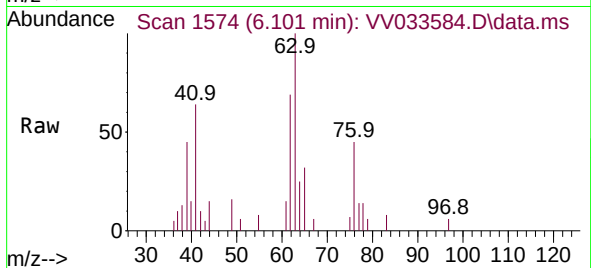
ClientSampleId :

Tgt Ion: 63 Resp: 5372

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.464 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.010 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

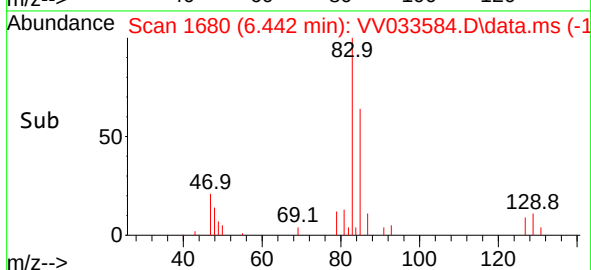
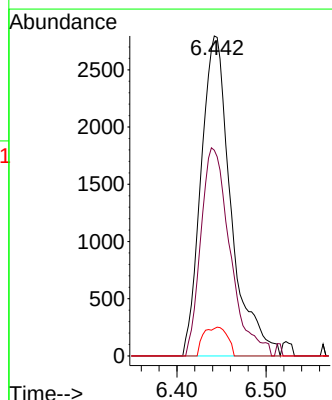
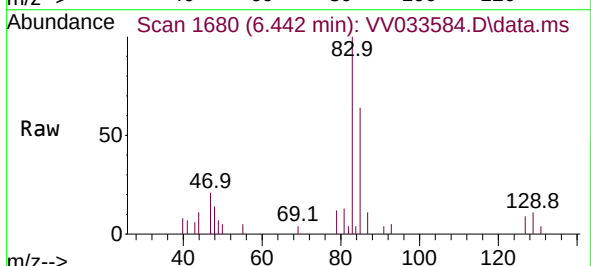
Tgt Ion: 83 Resp: 6529

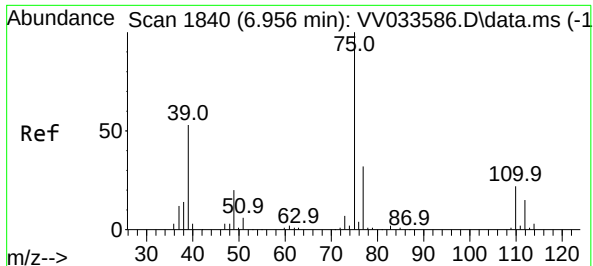
Ion Ratio Lower Upper

83 100

85 64.3 45.1 83.9

127 8.5 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 0.409 ug/L

RT: 6.969 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

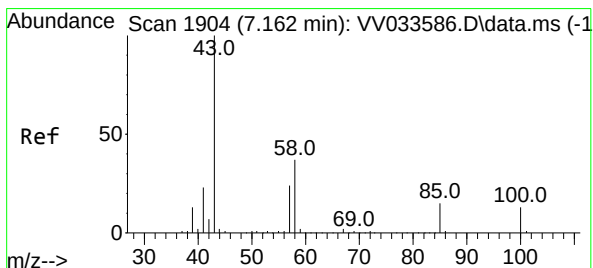
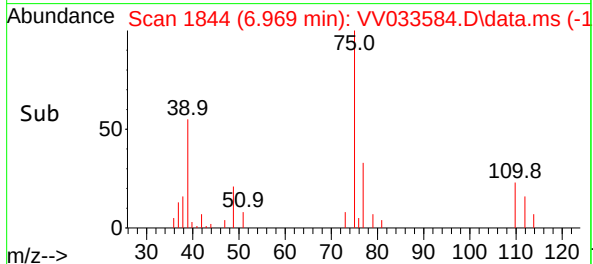
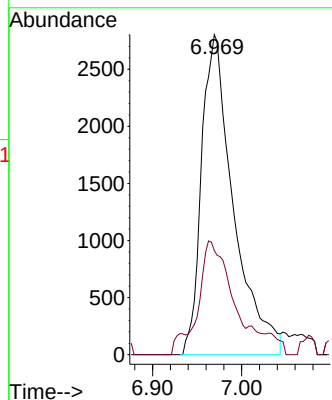
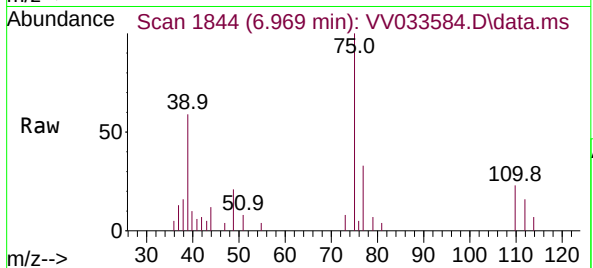
ClientSampleId :

Tgt Ion: 75 Resp: 6988

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 4.026 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.013 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

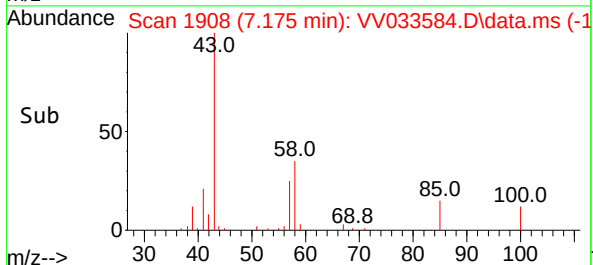
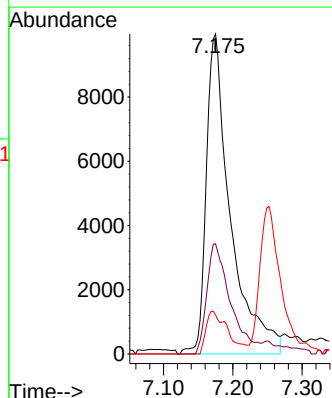
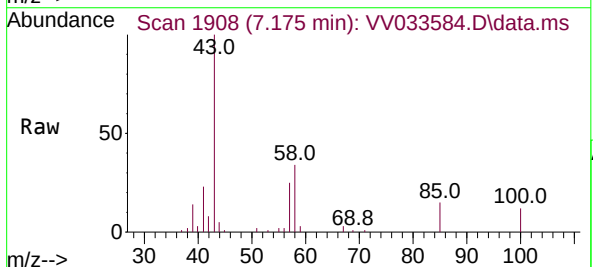
Tgt Ion: 43 Resp: 24184

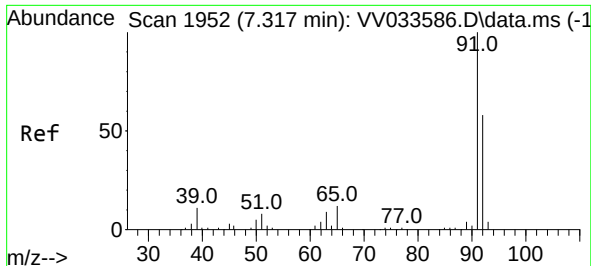
Ion Ratio Lower Upper

43 100

58 33.5 29.9 44.9

100 12.1 9.9 14.9





#42

Toluene

Concen: 0.483 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

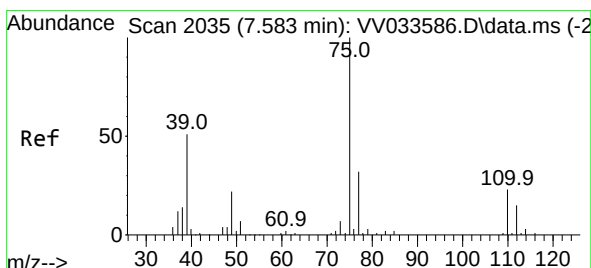
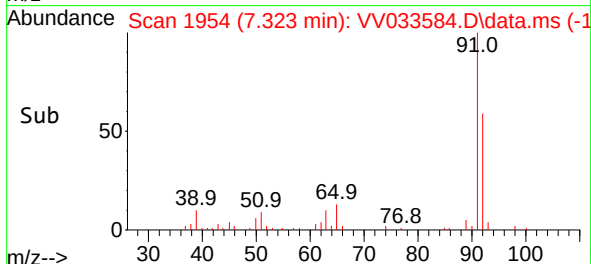
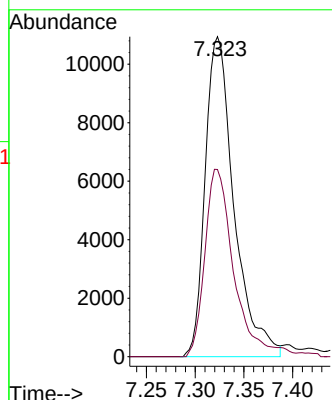
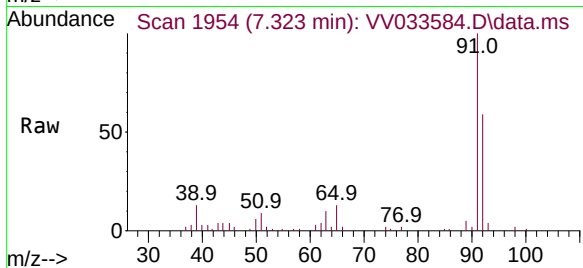
ClientSampleId :

Tgt Ion: 91 Resp: 22535

Ion Ratio Lower Upper

91 100

92 58.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 0.452 ug/L

RT: 7.599 min Scan# 2040

Delta R.T. 0.016 min

Lab File: VV033584.D

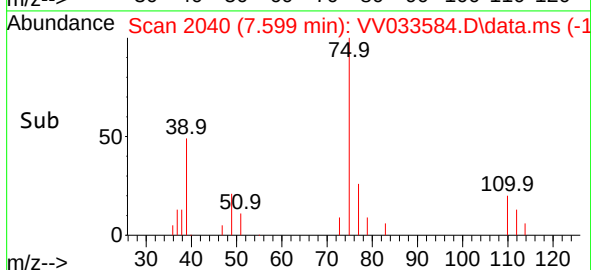
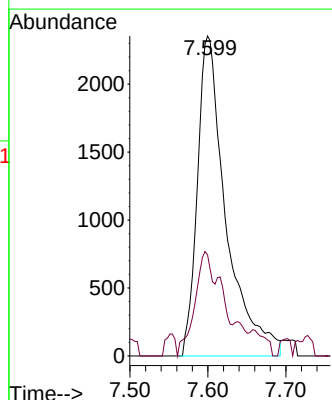
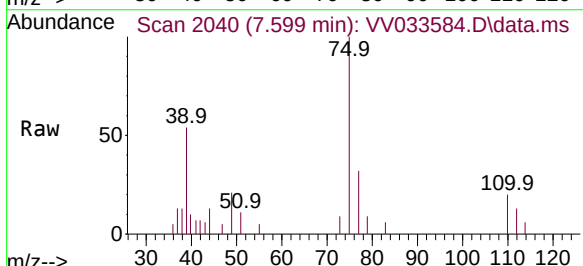
Acq: 12 Jan 2024 09:50

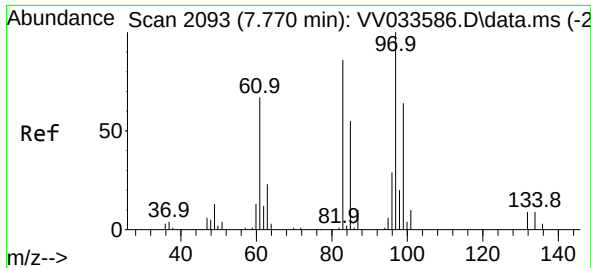
Tgt Ion: 75 Resp: 6000

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.7

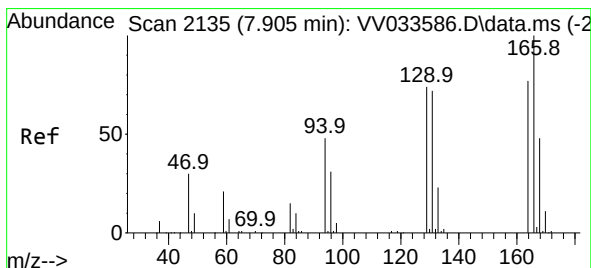
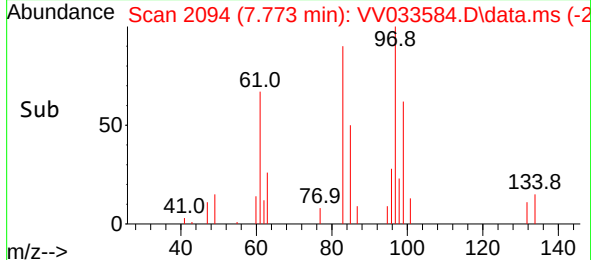
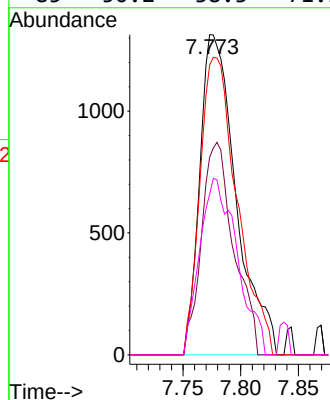
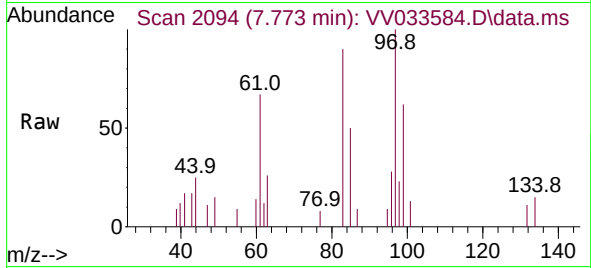




#45
1,1,2-Trichloroethane
Concen: 0.421 ug/L
RT: 7.773 min Scan# 2093
Delta R.T. 0.003 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

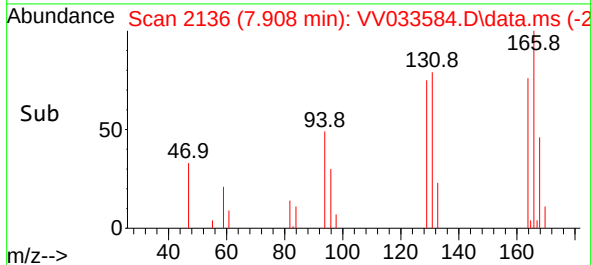
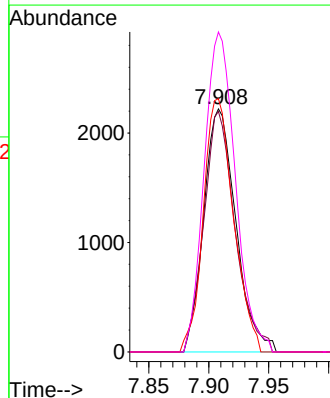
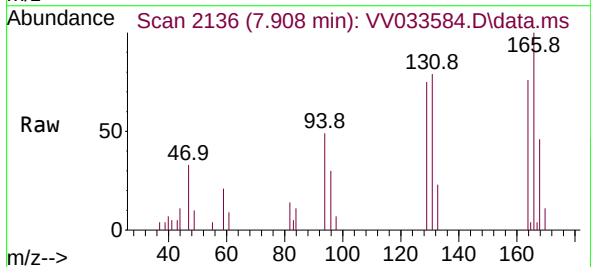
Instrument :
MSVOA_V
ClientSampleId :

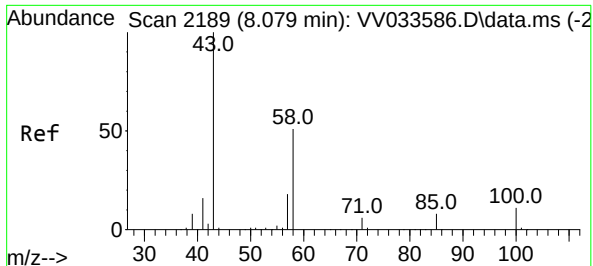
Tgt Ion:	97	Resp:	2872
Ion	Ratio	Lower	Upper
97	100		
99	61.7	44.9	83.3
83	90.5	60.5	112.3
85	50.2	38.3	71.1



#47
Tetrachloroethene
Concen: 0.498 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

Tgt Ion:	164	Resp:	4136
Ion	Ratio	Lower	Upper
164	100		
129	98.9	67.1	124.7
131	104.2	65.0	120.6
166	131.7	90.8	168.6





#48

2-Hexanone

Concen: 3.526 ug/L

RT: 8.098 min Scan# 2189

Delta R.T. 0.019 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 15527

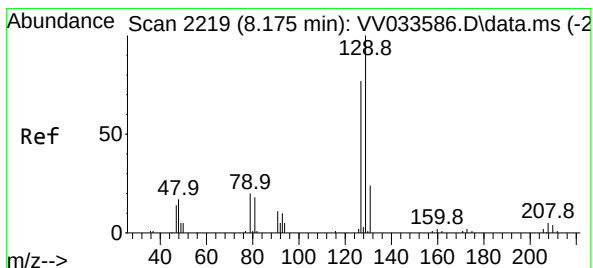
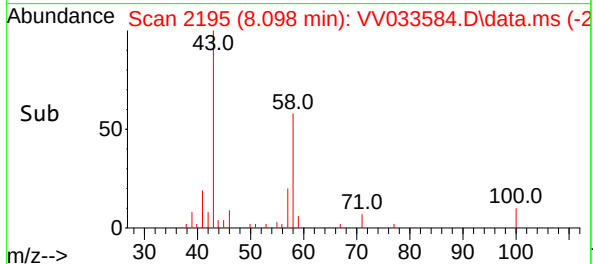
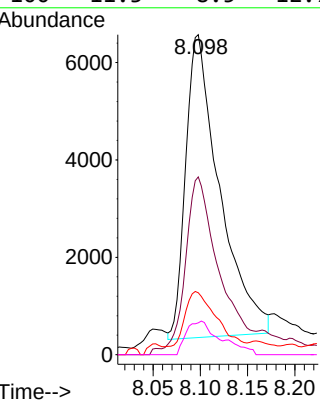
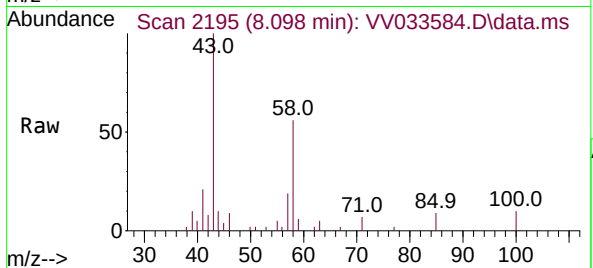
Ion Ratio Lower Upper

43 100

58 59.2 40.6 61.0

57 21.7 13.8 20.8#

100 11.3 8.5 12.7



#49

Dibromochloromethane

Concen: 0.451 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.003 min

Lab File: VV033584.D

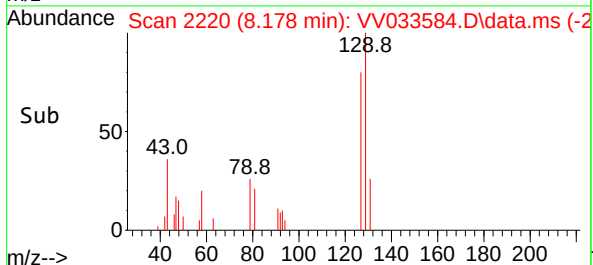
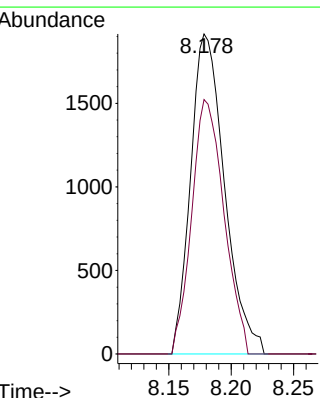
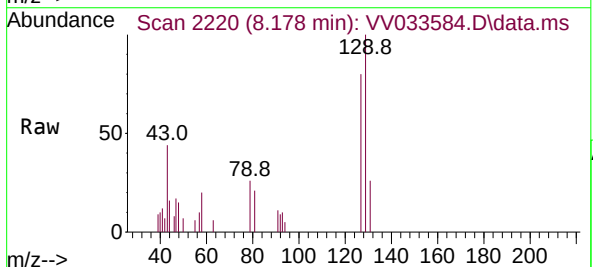
Acq: 12 Jan 2024 09:50

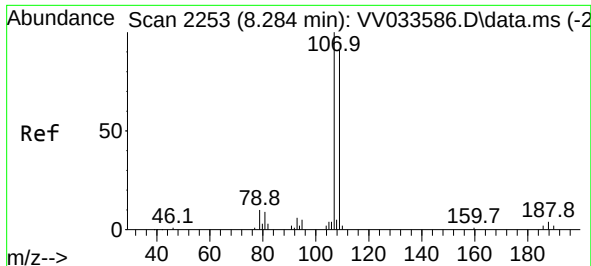
Tgt Ion:129 Resp: 3627

Ion Ratio Lower Upper

129 100

127 79.5 53.6 99.6





#50

1,2-Dibromoethane

Concen: 0.407 ug/L

RT: 8.294 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV033584.D

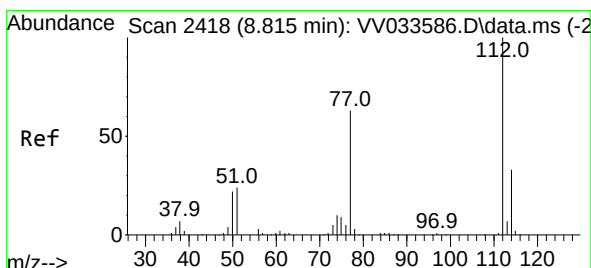
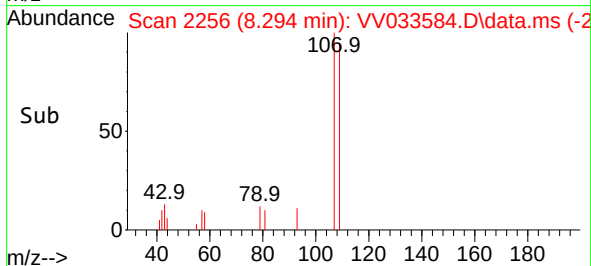
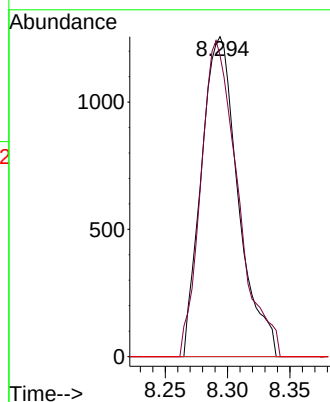
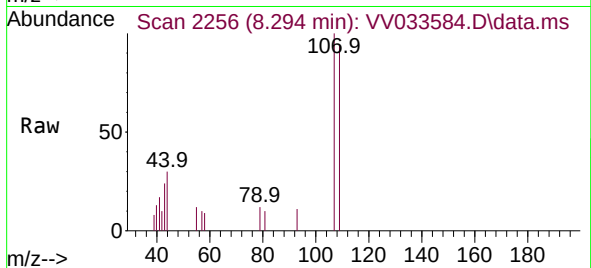
Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	2582
Ion	Ratio	Lower	Upper
107	100		
109	94.1	64.0	118.8
188	0.0	3.0	4.6#



#51

Chlorobenzene

Concen: 0.497 ug/L

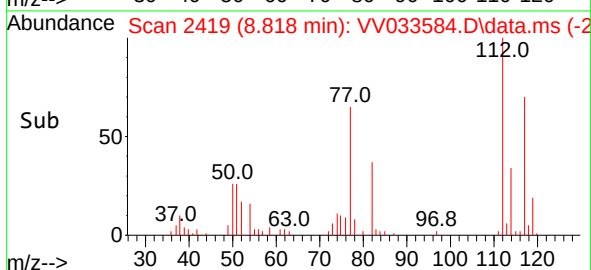
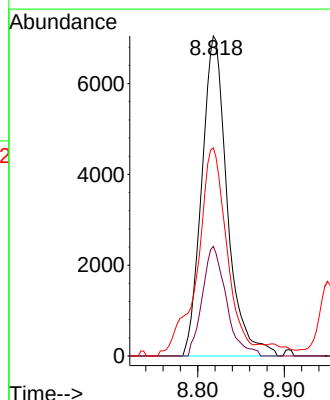
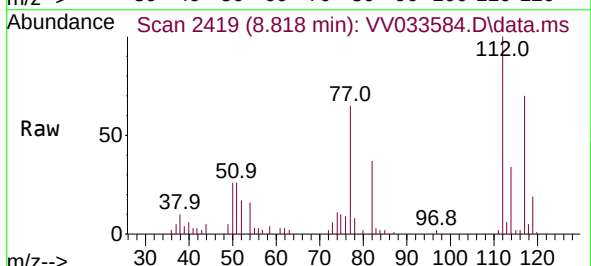
RT: 8.818 min Scan# 2419

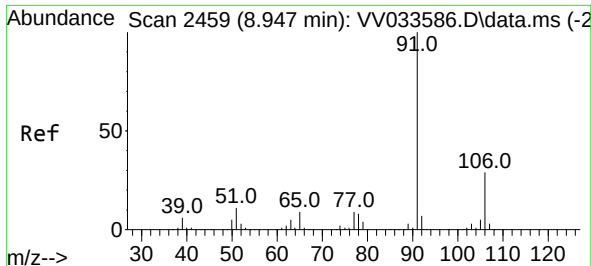
Delta R.T. 0.003 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Tgt Ion:	112	Resp:	14412
Ion	Ratio	Lower	Upper
112	100		
114	34.3	22.9	42.5
77	65.0	50.8	76.2





#52

Ethylbenzene

Concen: 0.490 ug/L

RT: 8.953 min Scan# 2459

Delta R.T. 0.006 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

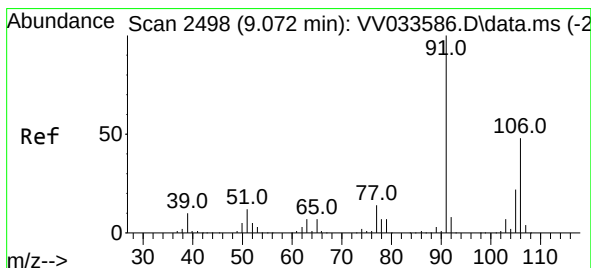
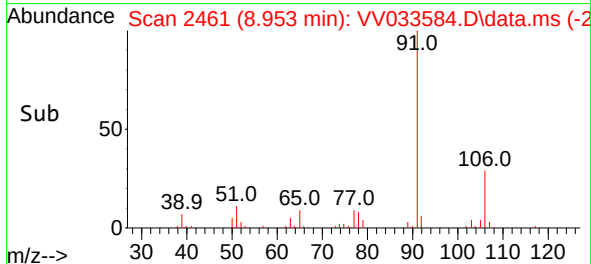
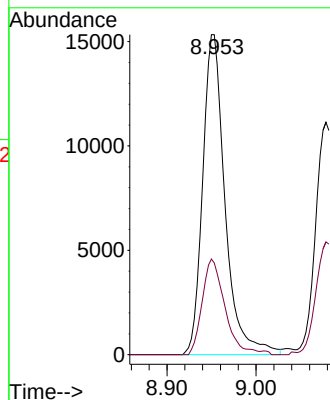
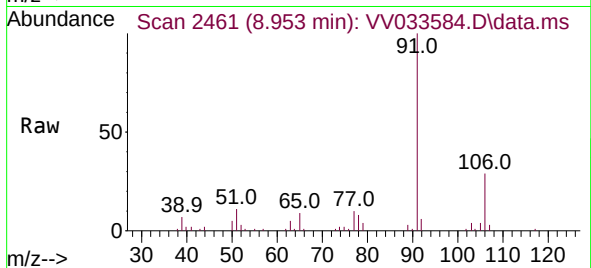
ClientSampleId :

Tgt Ion: 91 Resp: 26778

Ion Ratio Lower Upper

91 100

106 28.6 20.6 38.4



#53

m,p-Xylene

Concen: 0.498 ug/L

RT: 9.078 min Scan# 2500

Delta R.T. 0.006 min

Lab File: VV033584.D

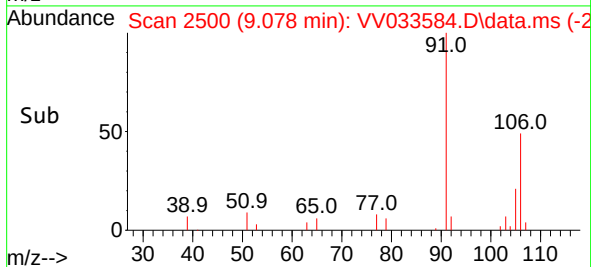
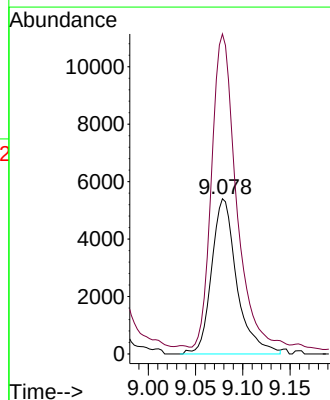
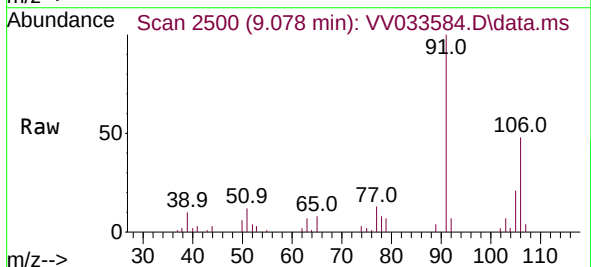
Acq: 12 Jan 2024 09:50

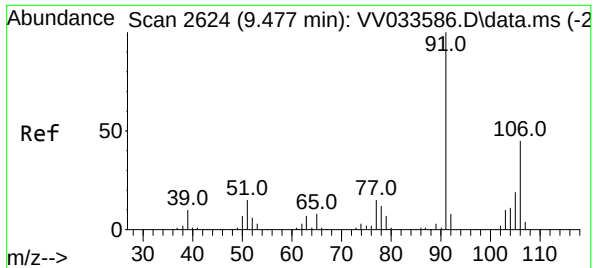
Tgt Ion: 106 Resp: 10041

Ion Ratio Lower Upper

106 100

91 206.2 146.2 271.4

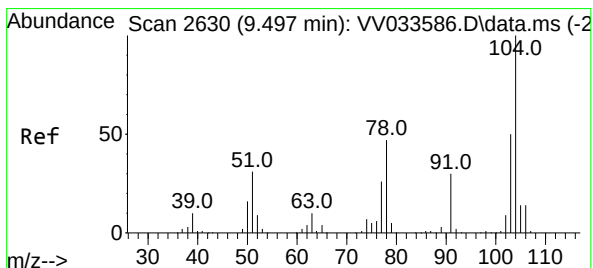
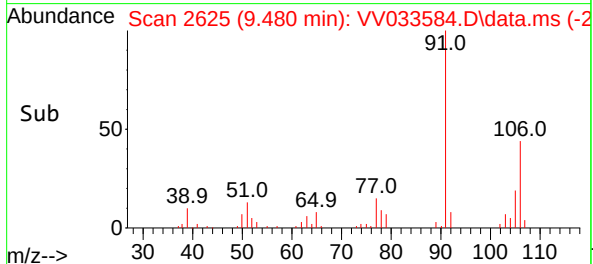
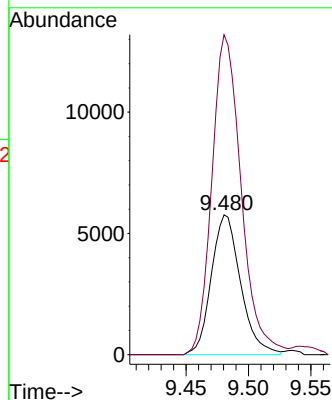
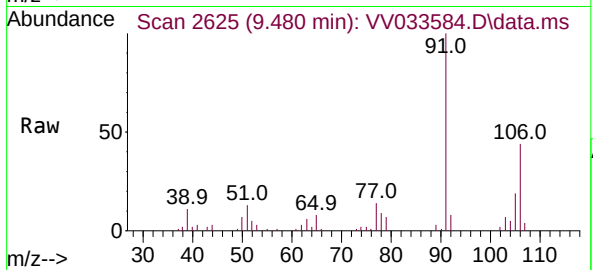




#54
o-Xylene
Concen: 0.479 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

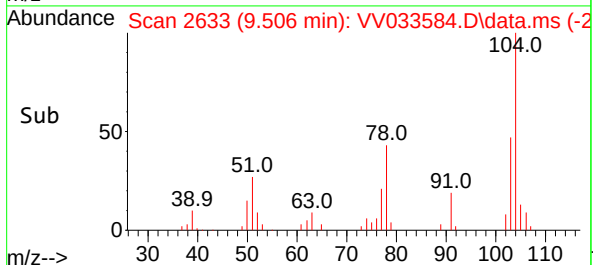
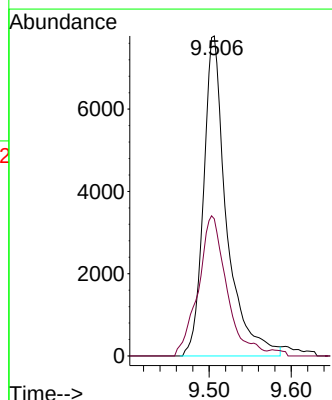
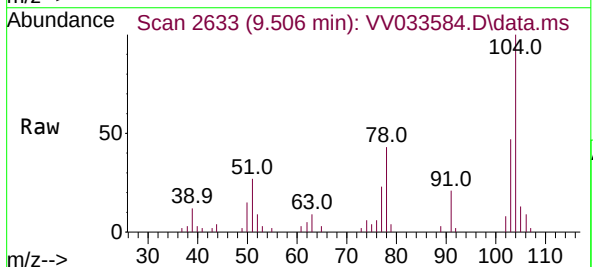
Instrument :
MSVOA_V
ClientSampleId :

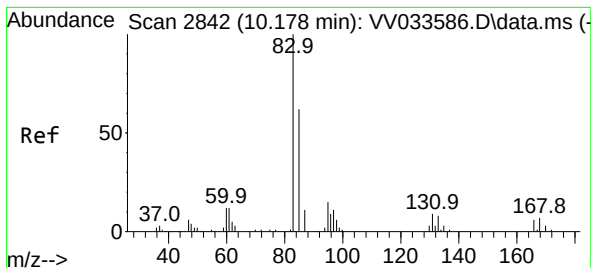
Tgt Ion:106 Resp: 9425
Ion Ratio Lower Upper
106 100
91 228.9 156.0 289.6



#55
Styrene
Concen: 0.465 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.010 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

Tgt Ion:104 Resp: 15133
Ion Ratio Lower Upper
104 100
78 42.8 33.1 61.5

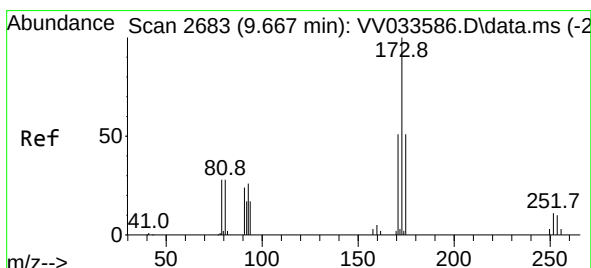
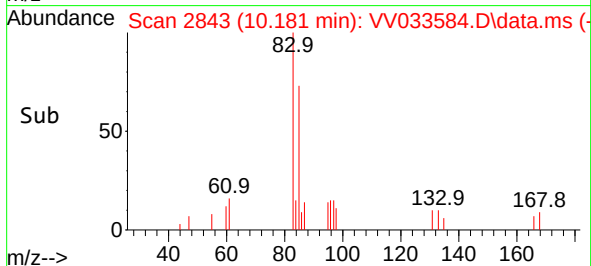
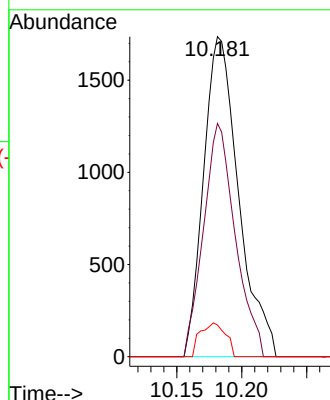
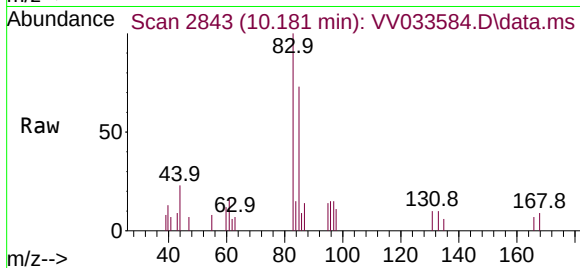




#57
1,1,2,2-Tetrachloroethane
Concen: 0.432 ug/L
RT: 10.181 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

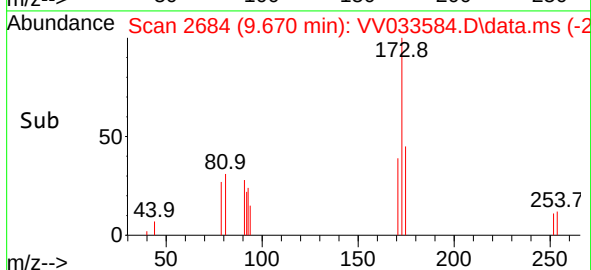
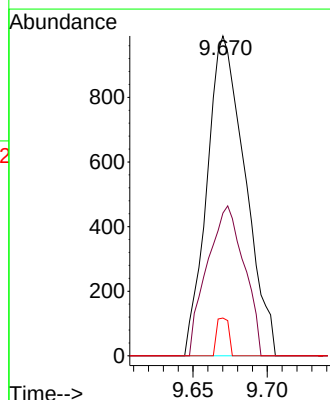
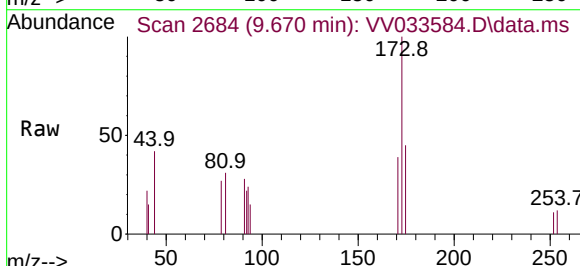
Instrument :
MSVOA_V
ClientSampleId :

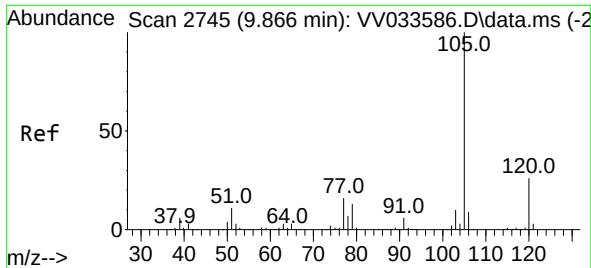
Tgt Ion: 83 Resp: 3252
Ion Ratio Lower Upper
83 100
85 72.9 43.5 80.7
131 9.9 7.4 11.0



#59
Bromoform
Concen: 0.429 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.003 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

Tgt Ion: 173 Resp: 1763
Ion Ratio Lower Upper
173 100
175 45.6 38.8 58.2
254 3.7 7.5 11.3#

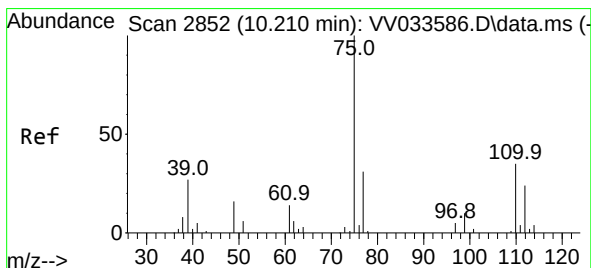
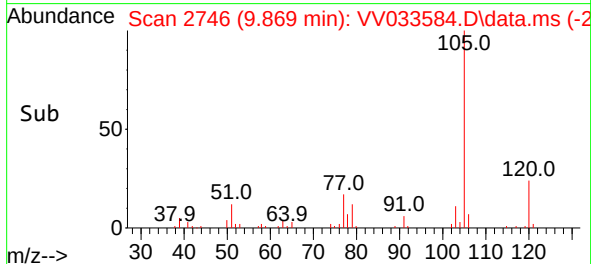
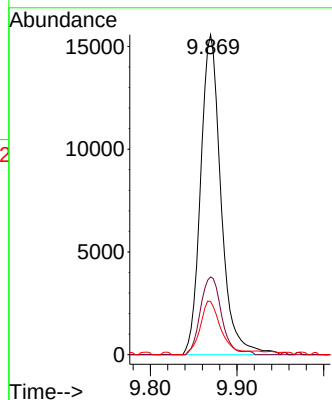
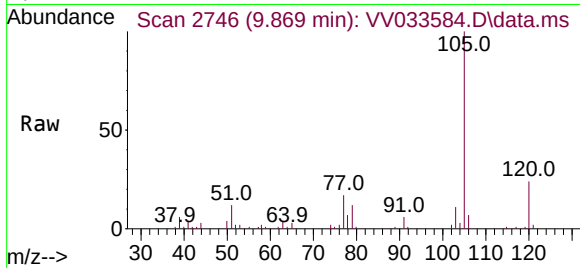




#60
Isopropylbenzene
Concen: 0.487 ug/L
RT: 9.869 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

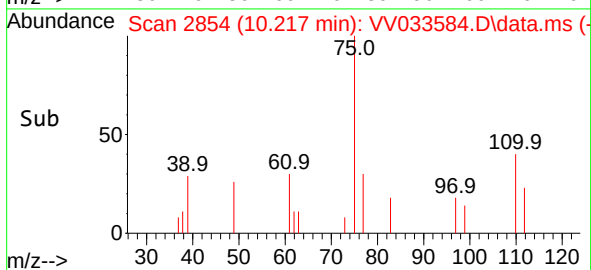
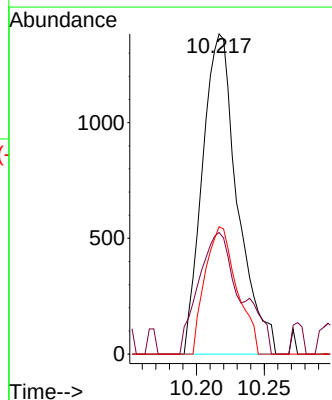
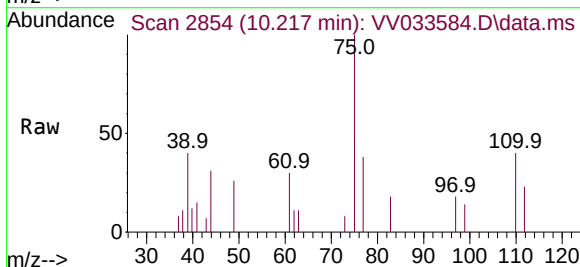
Instrument :
MSVOA_V
ClientSampleId :

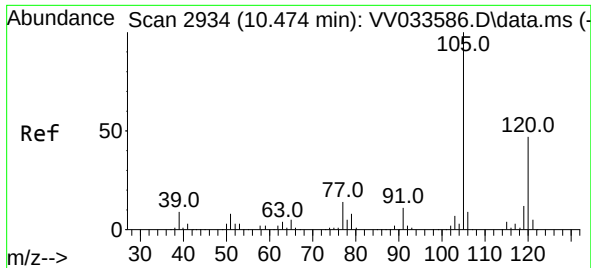
Tgt Ion:105 Resp: 25434
Ion Ratio Lower Upper
105 100
120 25.2 21.0 31.6
77 17.1 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 0.457 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.006 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

Tgt Ion: 75 Resp: 2491
Ion Ratio Lower Upper
75 100
77 46.0 24.7 37.1#
110 35.9 28.0 42.0

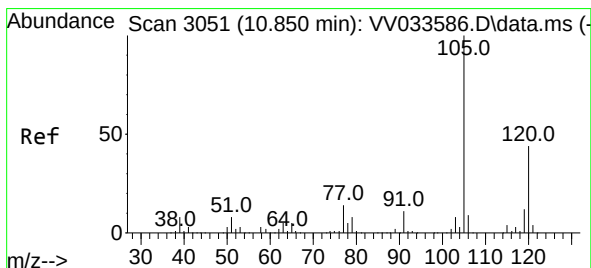
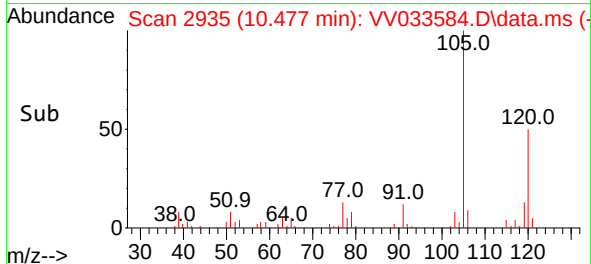
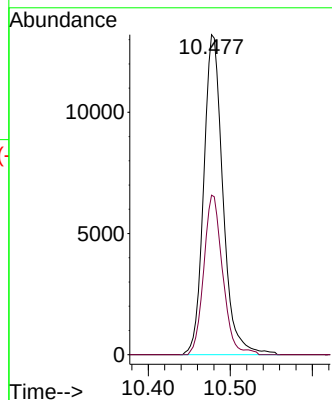
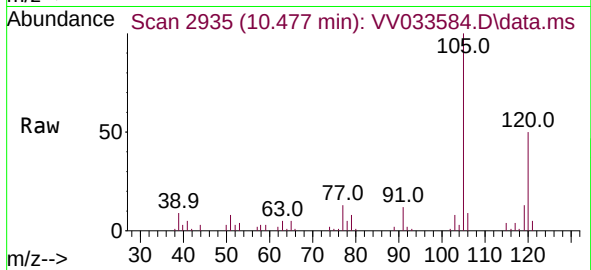




#62
1,3,5-Trimethylbenzene
Concen: 0.486 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

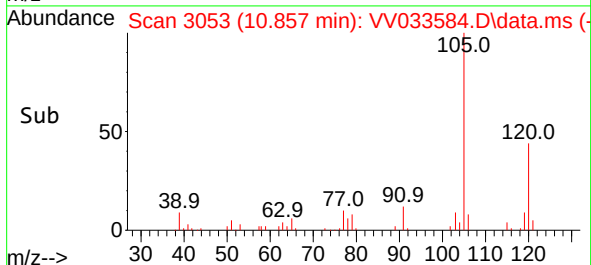
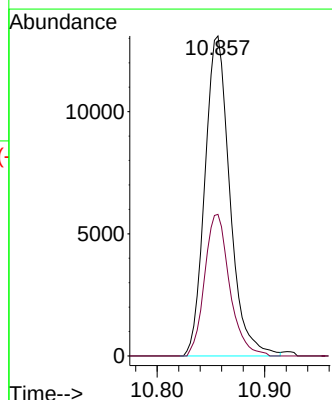
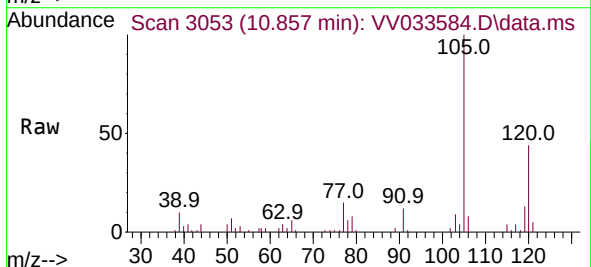
Instrument :
MSVOA_V
ClientSampleId :

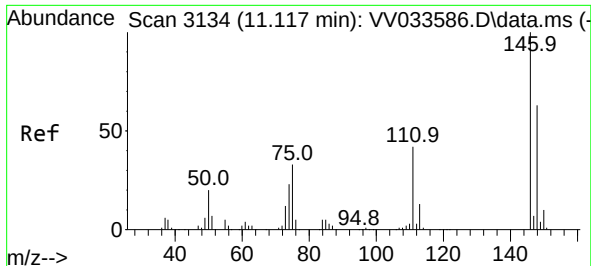
Tgt Ion:105 Resp: 21489
Ion Ratio Lower Upper
105 100
120 48.9 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 0.483 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

Tgt Ion:105 Resp: 21172
Ion Ratio Lower Upper
105 100
120 44.2 35.5 53.3

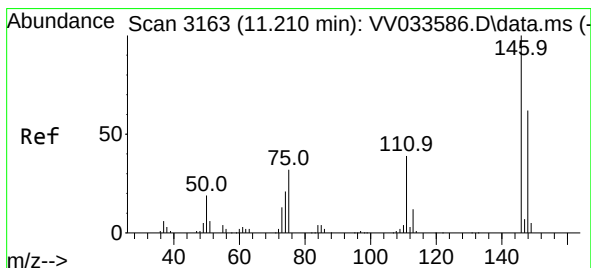
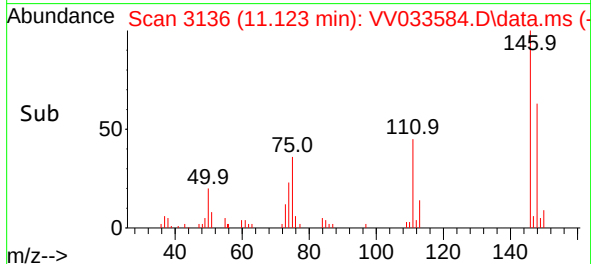
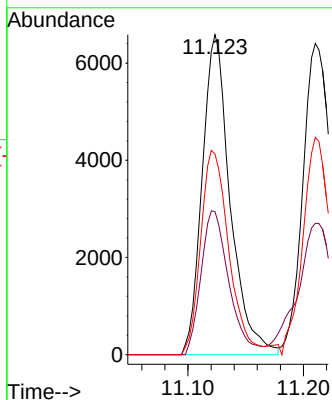
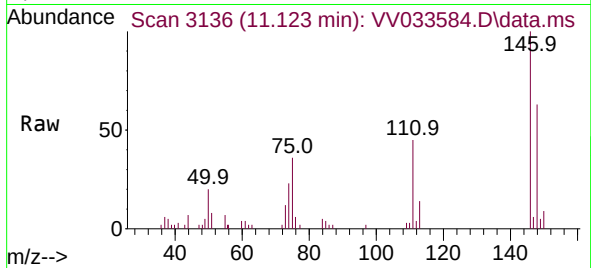




#64
1,3-Dichlorobenzene
Concen: 0.495 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

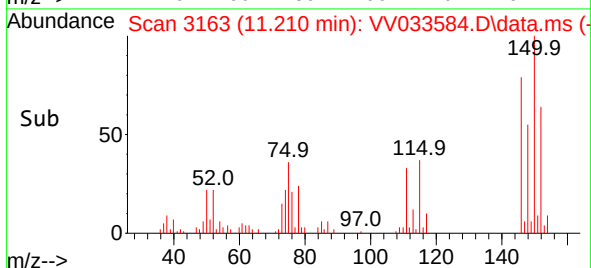
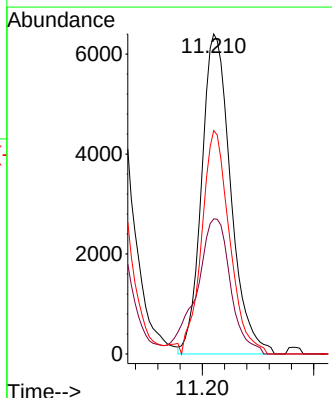
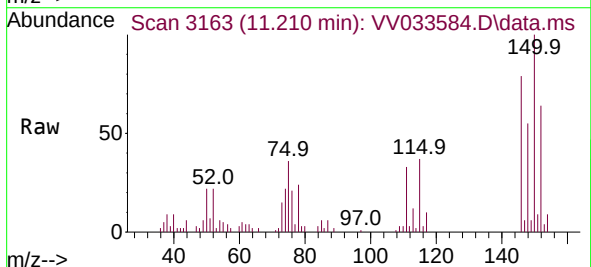
Instrument :
MSVOA_V
ClientSampleId :

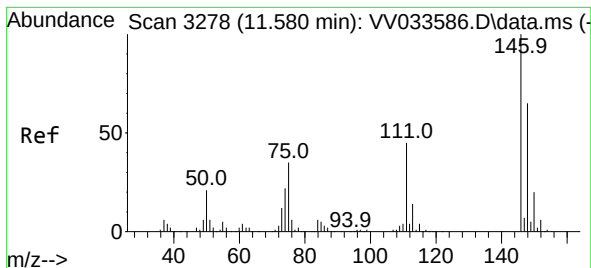
Tgt Ion:146 Resp: 11092
Ion Ratio Lower Upper
146 100
111 44.7 29.2 54.2
148 62.7 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 0.511 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV033584.D
Acq: 12 Jan 2024 09:50

Tgt Ion:146 Resp: 11603
Ion Ratio Lower Upper
146 100
111 42.2 27.5 51.1
148 69.8 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 0.524 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

ClientSampleId :

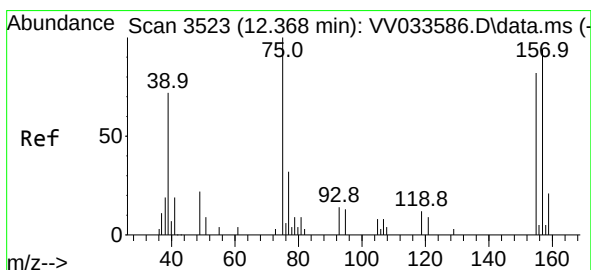
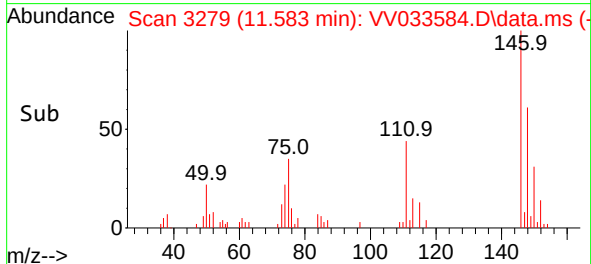
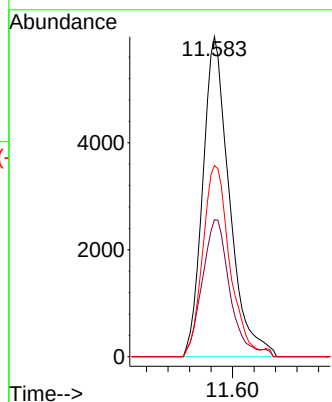
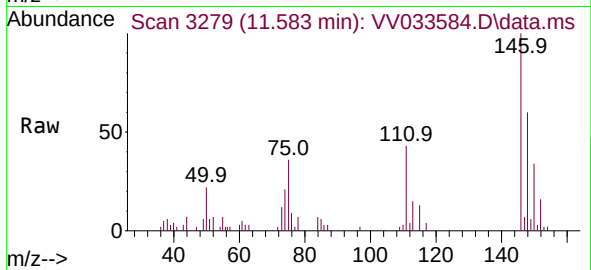
Tgt Ion:146 Resp: 10265

Ion Ratio Lower Upper

146 100

111 42.8 36.1 54.1

148 59.7 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.401 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

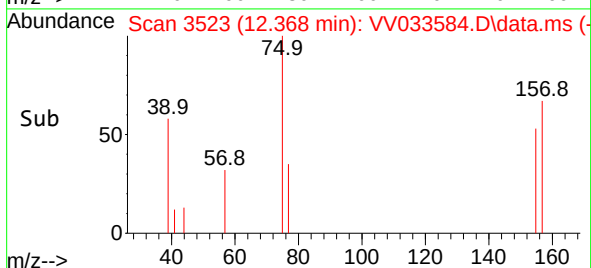
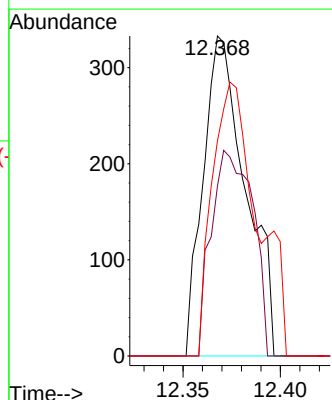
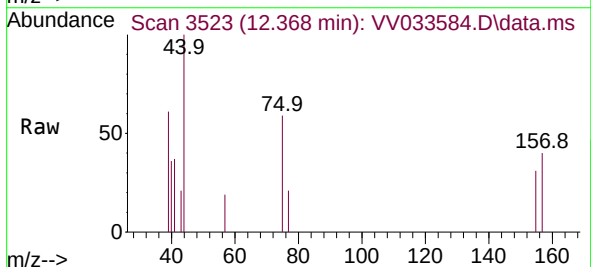
Tgt Ion: 75 Resp: 505

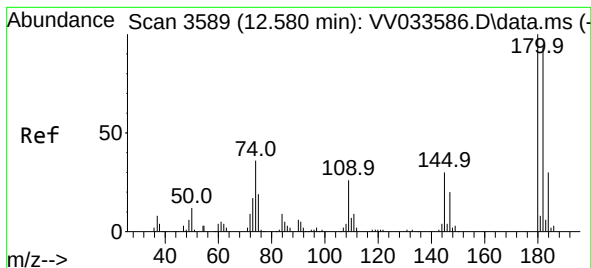
Ion Ratio Lower Upper

75 100

155 53.2 65.3 97.9#

157 67.3 75.4 113.0#





#69

1,3,5-Trichlorobenzene

Concen: 0.534 ug/L

RT: 12.586 min Scan# 31

Delta R.T. 0.006 min

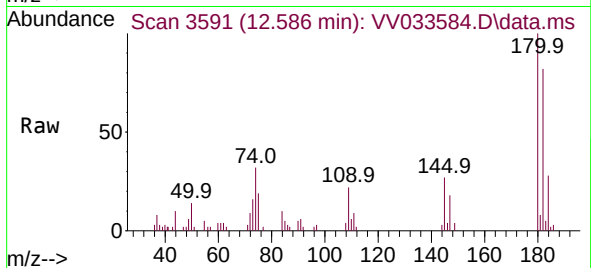
Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 9199

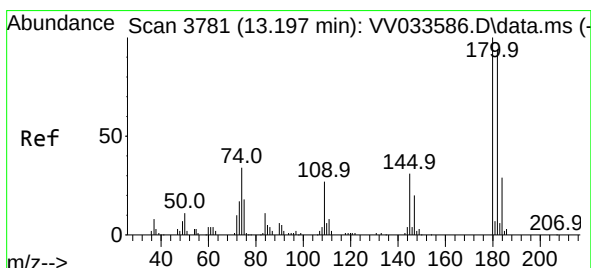
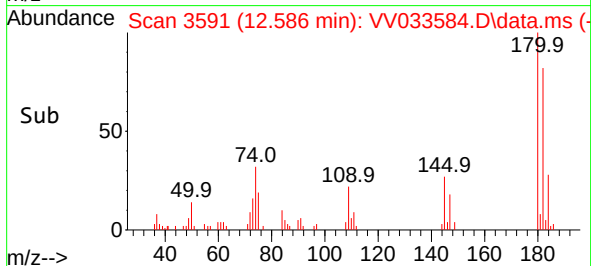
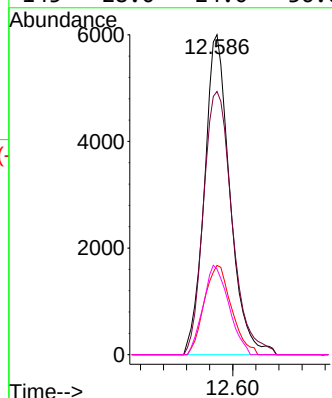
Ion Ratio Lower Upper

180 100

182 92.2 76.4 114.6

184 29.8 24.2 36.2

145 28.0 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 0.615 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.006 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

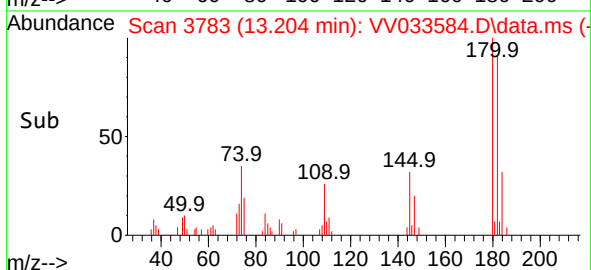
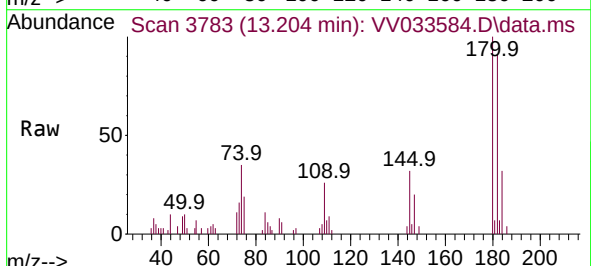
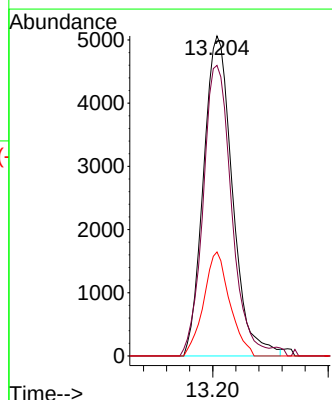
Tgt Ion:180 Resp: 8832

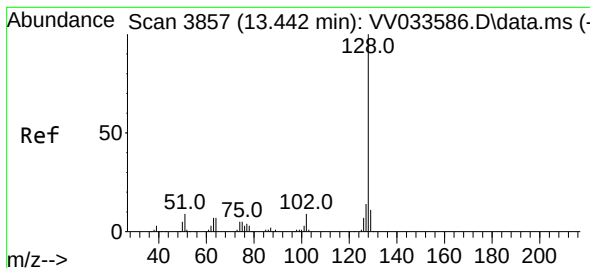
Ion Ratio Lower Upper

180 100

182 89.0 75.0 112.6

145 29.2 24.8 37.2





#71

Naphthalene

Concen: 1.142 ug/L

RT: 13.445 min Scan# 3857

Delta R.T. 0.003 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Instrument :

MSVOA_V

ClientSampleId :

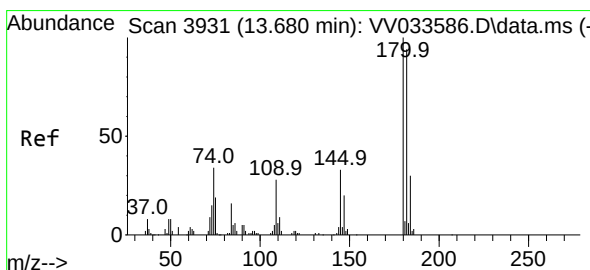
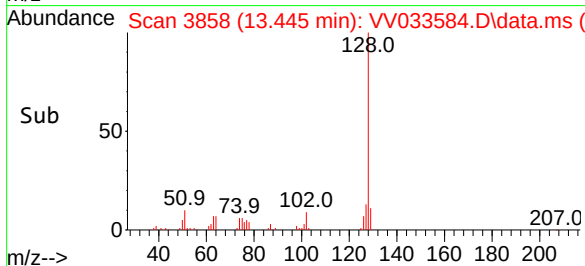
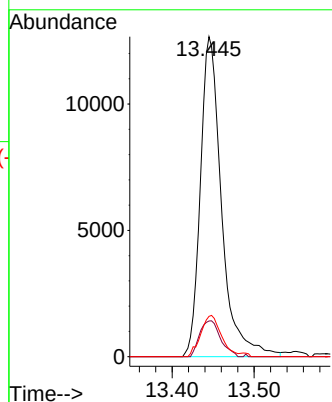
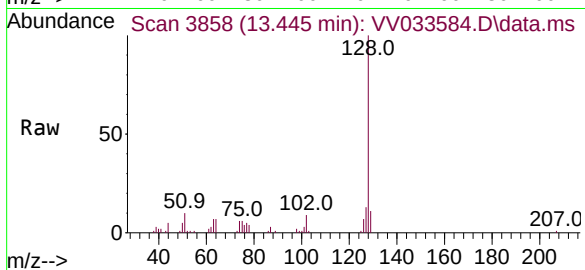
Tgt Ion:128 Resp: 22700

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.4 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 0.644 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV033584.D

Acq: 12 Jan 2024 09:50

Tgt Ion:180 Resp: 7255

Ion Ratio Lower Upper

180 100

182 94.3 75.0 112.6

145 31.8 26.6 40.0

