

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV031988.D
 Acq On : 09 Sep 2023 09:22
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 09 21:44:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 25 00:56:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	130643	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	128256	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	69759	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24660	5.589	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.800%	
7) Chloroethane-d5	1.532	69	29331	5.803	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	116.000%	
11) 1,1-Dichloroethene-d2	2.060	65	13589	5.233	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	104.600%	
20) 2-Butanone-d5	3.799	46	109823	51.417	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.840%	
24) Chloroform-d	4.253	84	69973	4.686	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	4.947	65	35271	4.584	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
32) Benzene-d6	4.963	84	138004	4.729	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	5.992	67	46025	4.472	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.246	98	123844	4.573	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
43) trans-1,3-Dichloroprop...	7.558	79	14772	3.936	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.800%	
46) 2-Hexanone-d5	8.030	63	87372	43.667	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.340%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32552	4.409	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.200%	
66) 1,2-Dichlorobenzene-d4	11.564	152	43862	3.883	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	77.600%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	26199	3.511	ug/L	98
3) Chloromethane	1.217	50	33214	4.155	ug/L	98
5) Vinyl chloride	1.282	62	32456	3.961	ug/L	99
6) Bromomethane	1.487	94	18490	3.611	ug/L	94
8) Chloroethane	1.548	64	22306	4.263	ug/L	100
9) Trichlorofluoromethane	1.712	101	42292	4.002	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	26097	4.140	ug/L	95
12) 1,1-Dichloroethene	2.069	96	23467	3.990	ug/L	91
13) Acetone	2.127	43	61420	48.802	ug/L	73
14) Carbon disulfide	2.240	76	62260	3.763	ug/L	99
15) Methyl Acetate	2.384	43	14515	5.659	ug/L	98
16) Methylene chloride	2.449	84	45255	4.732	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	85873	4.706	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	27789	4.168	ug/L	97
19) 1,1-Dichloroethane	3.114	63	63757	4.644	ug/L	98
21) 2-Butanone	3.883	43	96973	54.398	ug/L	87
22) cis-1,2-Dichloroethene	3.818	96	35511	4.624	ug/L	98
23) Bromochloromethane	4.153	128	14608	4.794	ug/L	92
25) Chloroform	4.281	83	63245	4.519	ug/L	100

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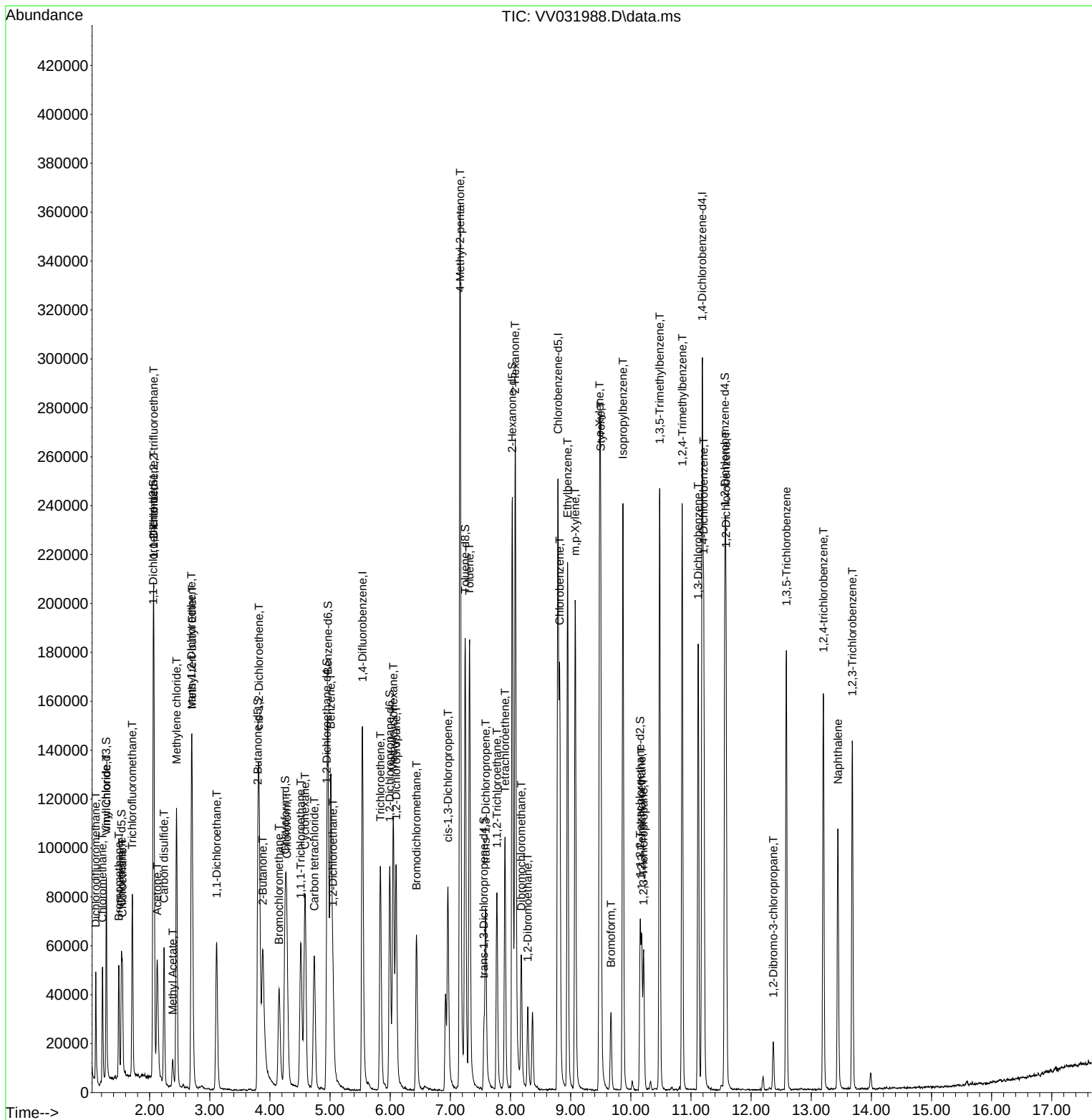
Instrument :
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 ClientSampleId :

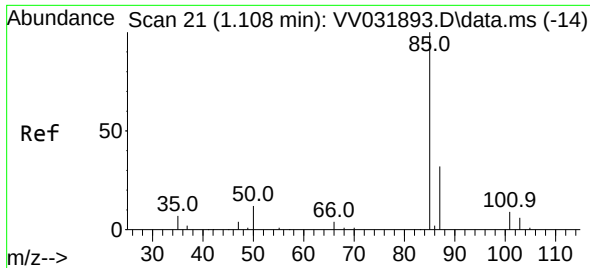
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	37669	4.501	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	49795	4.019	ug/L	99
30) Cyclohexane	4.584	56	47221	3.709	ug/L	98
31) Carbon tetrachloride	4.738	117	41513	4.143	ug/L	98
33) Benzene	5.011	78	128224	4.340	ug/L	100
34) Trichloroethene	5.838	95	33417	3.870	ug/L	97
35) Methylcyclohexane	6.053	83	46024	3.662	ug/L	98
37) 1,2-Dichloropropane	6.098	63	35483	4.359	ug/L	100
38) Bromodichloromethane	6.436	83	46690	4.432	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	54087	4.368	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	262596	51.473	ug/L	96
42) Toluene	7.320	91	134519	4.098	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	44640	4.318	ug/L	96
45) 1,1,2-Trichloroethane	7.773	97	26013	4.465	ug/L	98
47) Tetrachloroethene	7.908	164	22111	4.008	ug/L	98
48) 2-Hexanone	8.079	43	184629	48.439	ug/L	97
49) Dibromochloromethane	8.182	129	26826	4.418	ug/L	96
50) 1,2-Dibromoethane	8.288	107	23173	4.398	ug/L	97
51) Chlorobenzene	8.818	112	86795	4.176	ug/L	98
52) Ethylbenzene	8.950	91	152061	4.030	ug/L	100
53) m,p-Xylene	9.075	106	55828	3.928	ug/L	98
54) o-Xylene	9.481	106	55928	4.072	ug/L	98
55) Styrene	9.500	104	96978	4.093	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	29860	5.062	ug/L	98
59) Bromoform	9.670	173	14126	4.286	ug/L	98
60) Isopropylbenzene	9.870	105	150288	3.876	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	22954	4.467	ug/L	97
62) 1,3,5-Trimethylbenzene	10.481	105	127682	3.841	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	127076	3.891	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	69223	4.031	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	70666	4.006	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	64848	4.126	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	5099	4.381	ug/L	95
69) 1,3,5-Trichlorobenzene	12.587	180	50581	3.962	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	45620	3.920	ug/L	99
71) Naphthalene	13.445	128	82311	3.755	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	38856	3.965	ug/L	100

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

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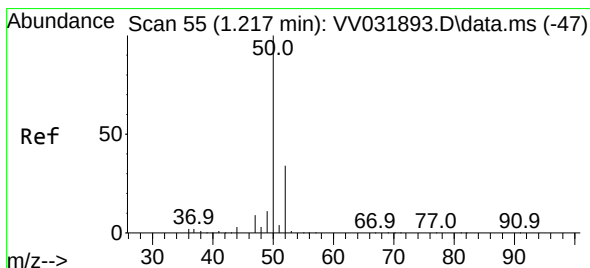
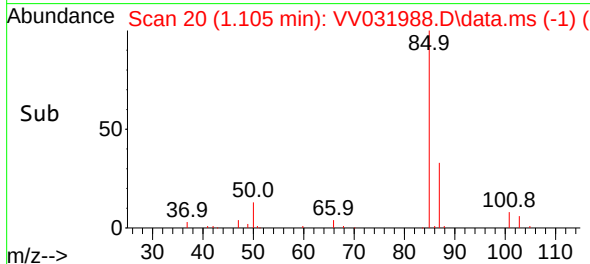
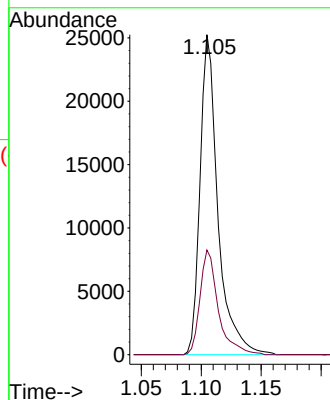
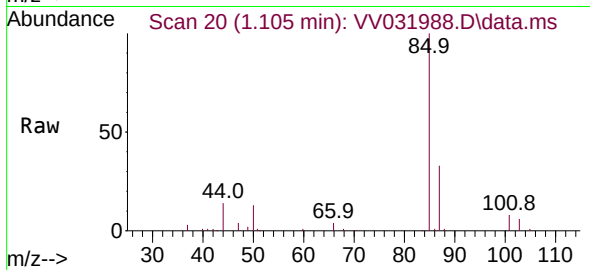




#2
Dichlorodifluoromethane
Concen: 3.511 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

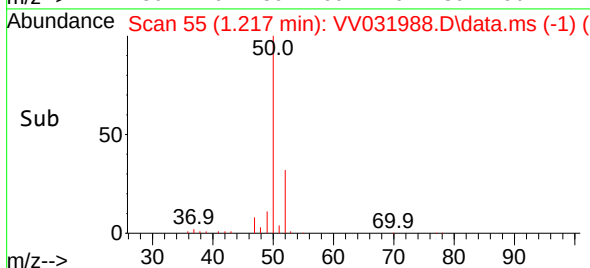
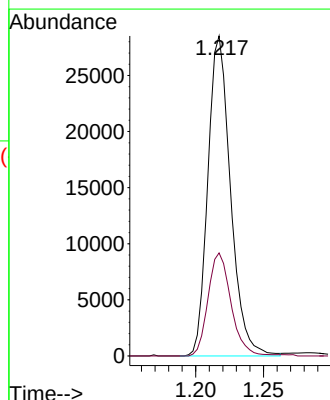
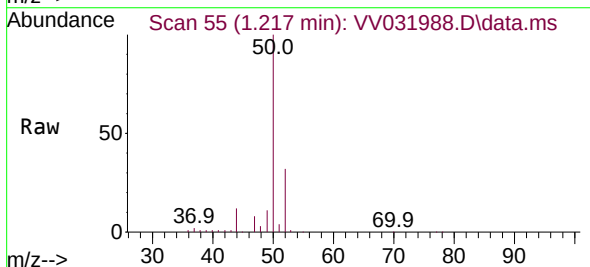
Instrument :
MSVOA_V
ClientSampleId :

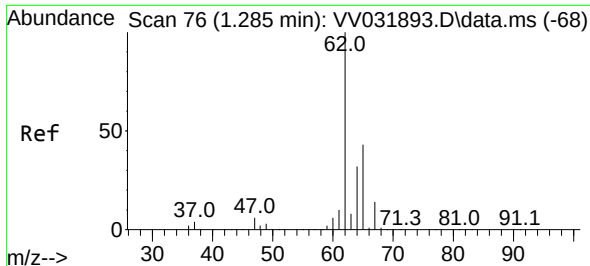
Tgt Ion: 85 Resp: 26199
Ion Ratio Lower Upper
85 100
87 33.5 25.7 38.5



#3
Chloromethane
Concen: 4.155 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

Tgt Ion: 50 Resp: 33214
Ion Ratio Lower Upper
50 100
52 32.2 23.3 43.3

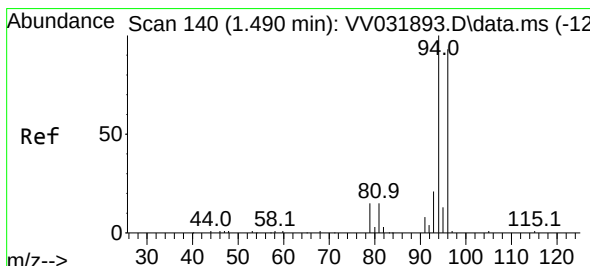
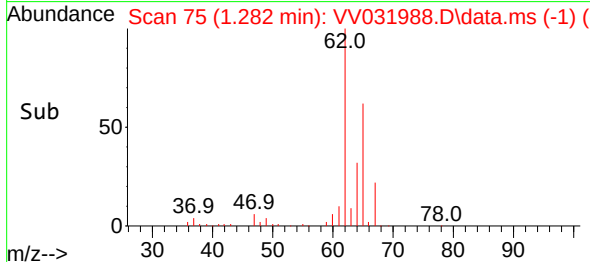
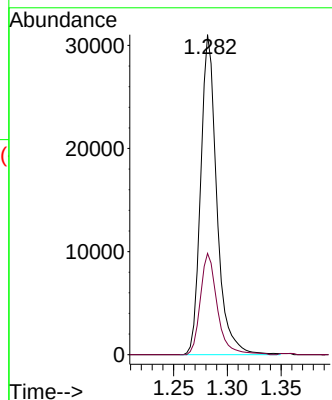
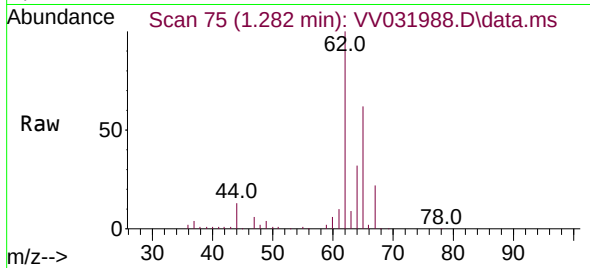




#5
 Vinyl chloride
 Concen: 3.961 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV031988.D
 Acq: 09 Sep 2023 09:22

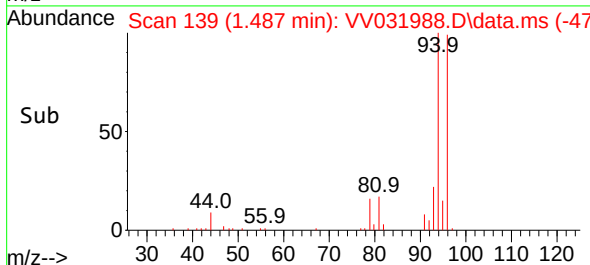
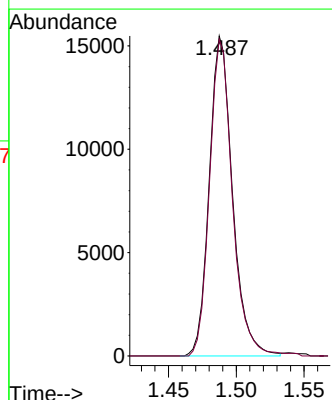
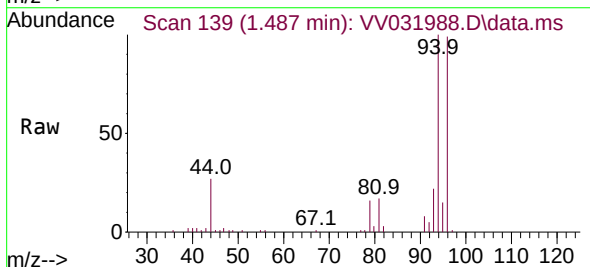
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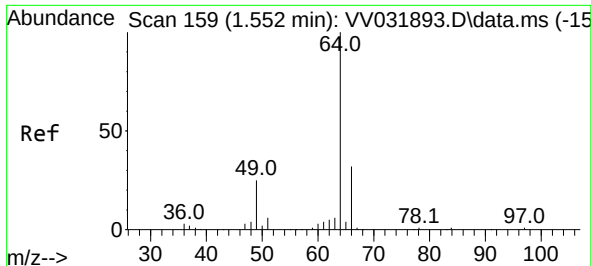
Tgt Ion: 62 Resp: 32456
 Ion Ratio Lower Upper
 62 100
 64 31.7 21.7 40.3



#6
 Bromomethane
 Concen: 3.611 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV031988.D
 Acq: 09 Sep 2023 09:22

Tgt Ion: 94 Resp: 18490
 Ion Ratio Lower Upper
 94 100
 96 99.0 65.0 120.8

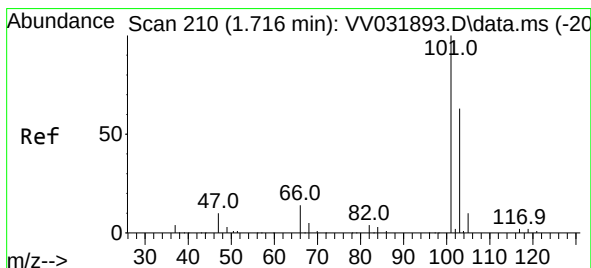
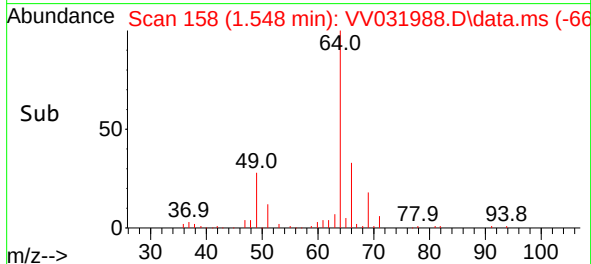
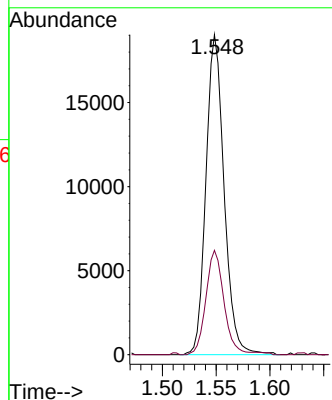
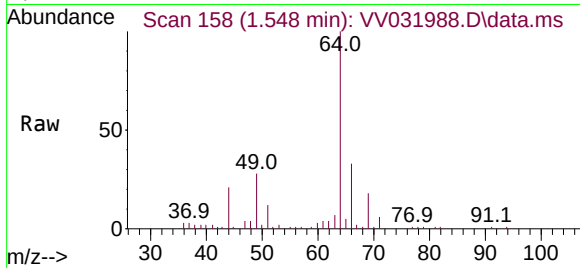




#8
Chloroethane
Concen: 4.263 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

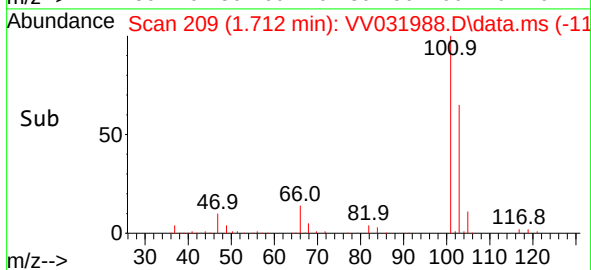
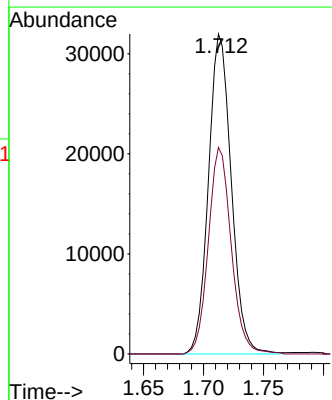
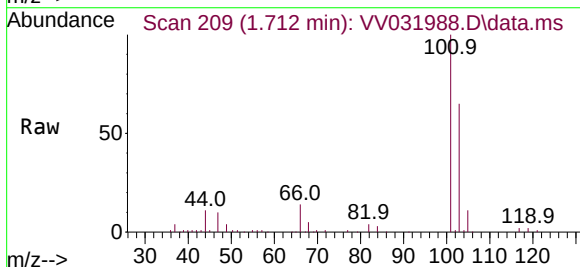
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MSVOA_V
ClientSampleId :

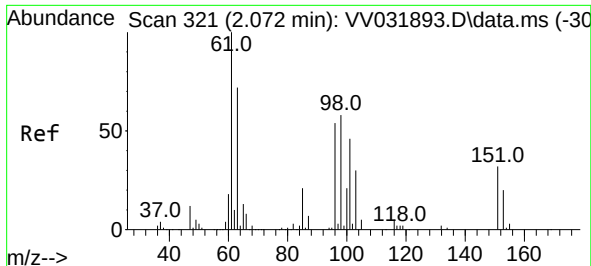
Tgt Ion: 64 Resp: 22306
Ion Ratio Lower Upper
64 100
66 32.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.002 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

Tgt Ion:101 Resp: 42292
Ion Ratio Lower Upper
101 100
103 64.6 50.5 75.7





#10

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

Concen: 4.140 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031988.D

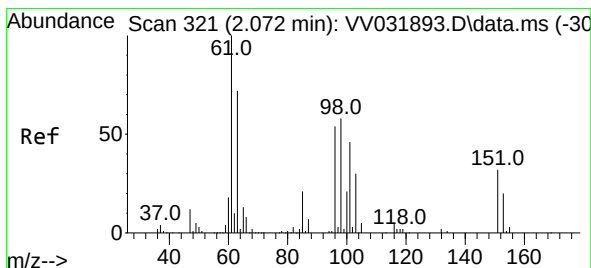
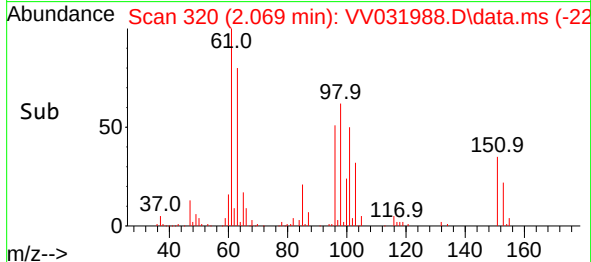
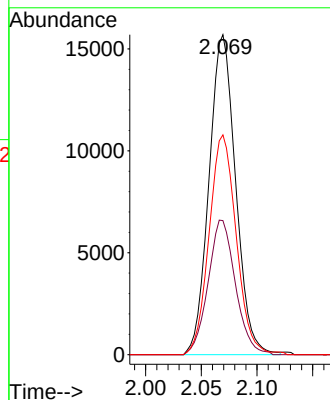
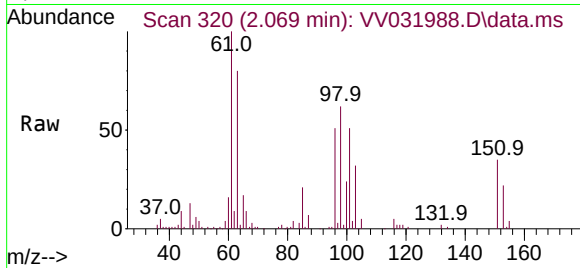
Acq: 09 Sep 2023 09:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:101	Resp:	26097
Ion Ratio	Lower	Upper
101	100	
85	43.1	38.3 57.5
151	70.2	58.5 87.7



#12

1,1-Dichloroethene

Concen: 3.990 ug/L

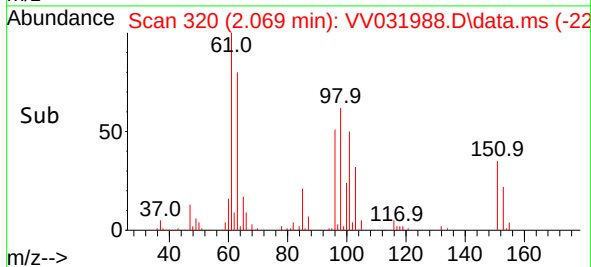
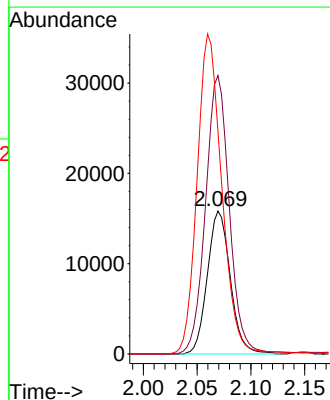
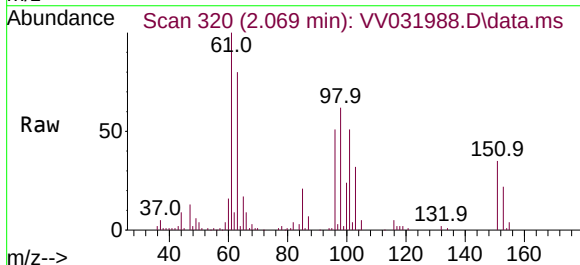
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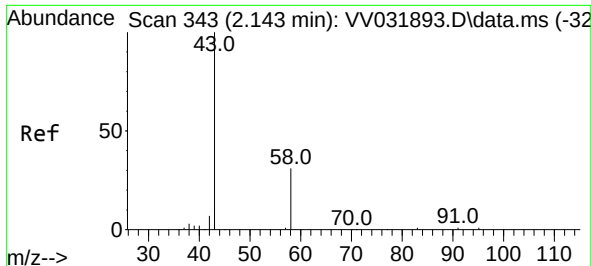
Delta R.T. -0.003 min

Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

Tgt Ion: 96	Resp:	23467
Ion Ratio	Lower	Upper
96	100	
61	194.9	129.0 239.6
63	155.9	99.0 183.8





#13

Acetone

Concen: 48.802 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

Instrument :

MSVOA_V

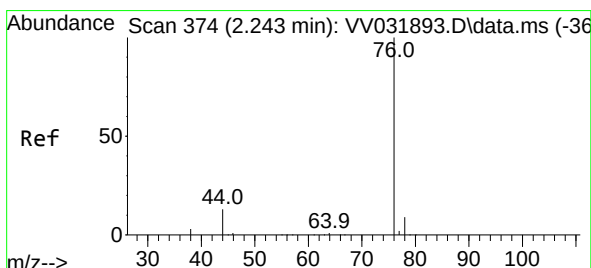
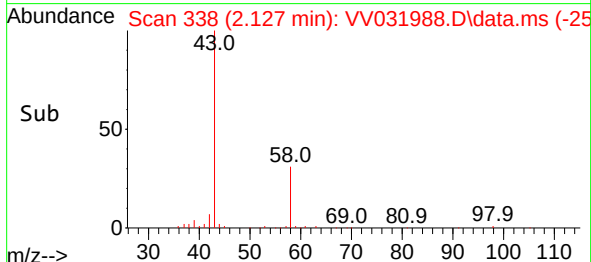
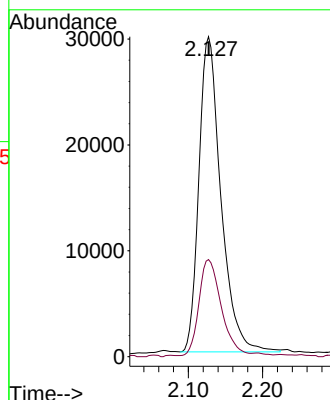
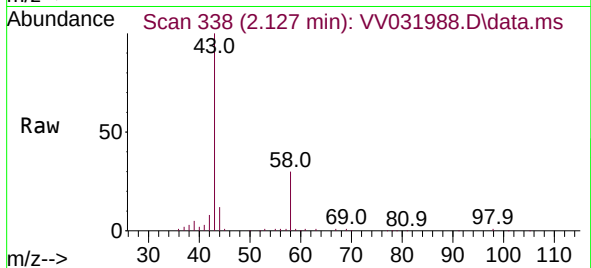
ClientSampleId :

Tgt Ion: 43 Resp: 61420

Ion Ratio Lower Upper

43 100

58 30.7 0.0 37.0



#14

Carbon disulfide

Concen: 3.763 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV031988.D

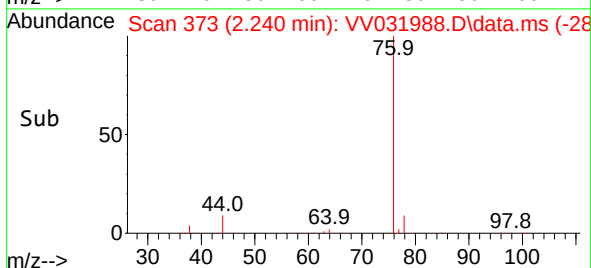
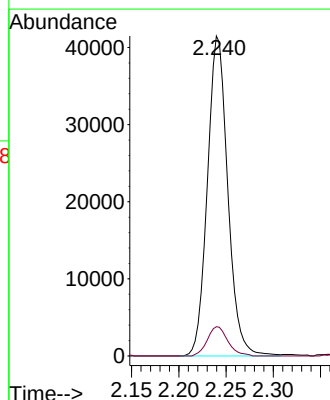
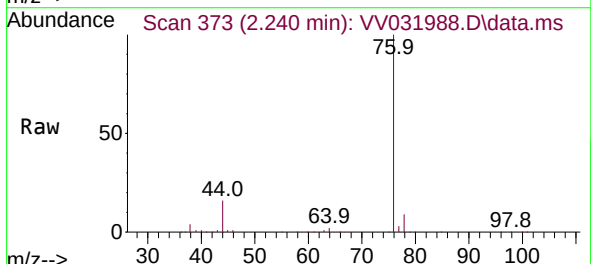
Acq: 09 Sep 2023 09:22

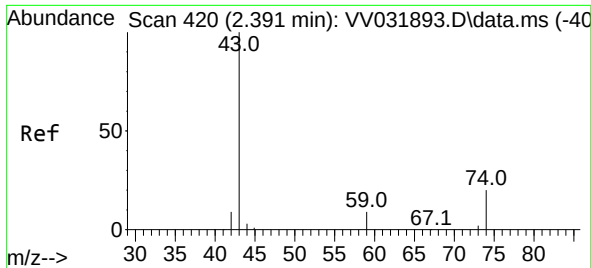
Tgt Ion: 76 Resp: 62260

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

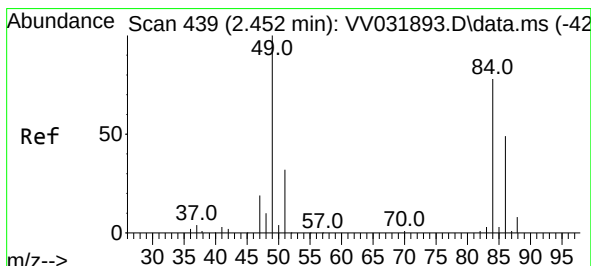
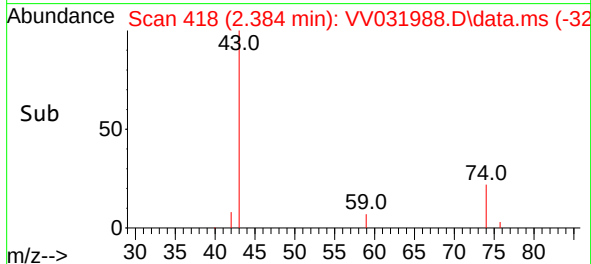
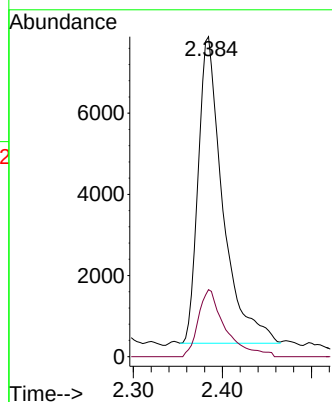
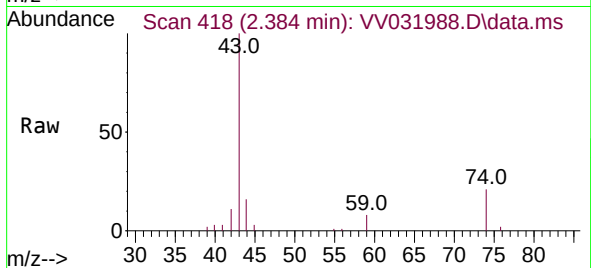




#15
Methyl Acetate
Concen: 5.659 ug/L
RT: 2.384 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

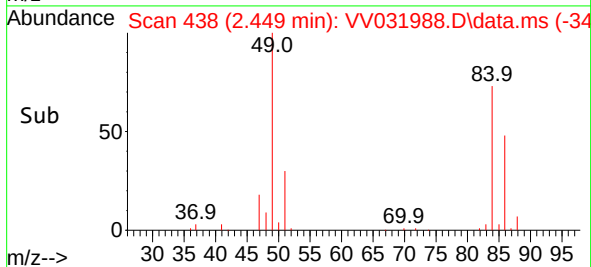
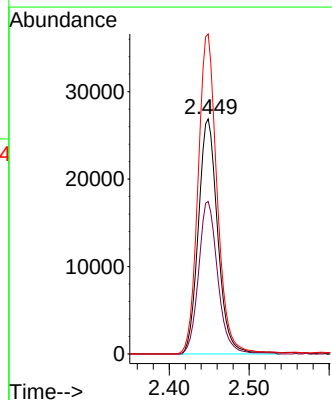
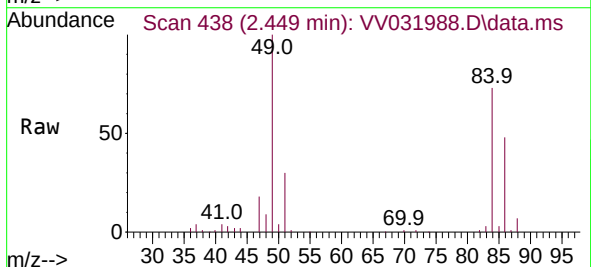
Instrument :
MSVOA_V
ClientSampleId :

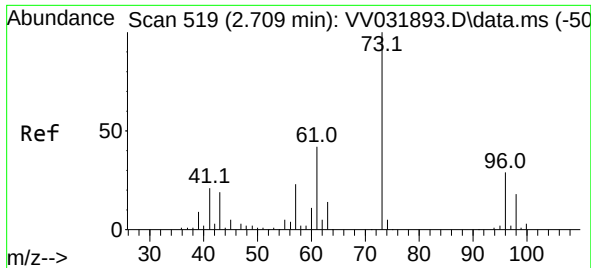
Tgt Ion: 43 Resp: 14515
Ion Ratio Lower Upper
43 100
74 23.9 18.3 27.5



#16
Methylene chloride
Concen: 4.732 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

Tgt Ion: 84 Resp: 45255
Ion Ratio Lower Upper
84 100
86 64.8 42.6 79.2
49 136.1 88.5 164.4

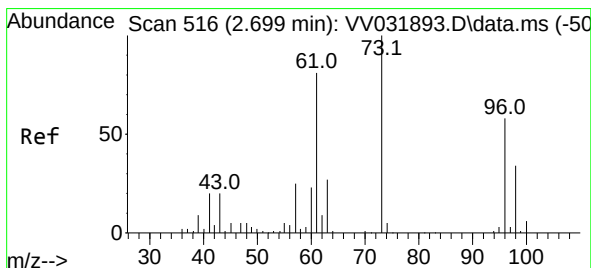
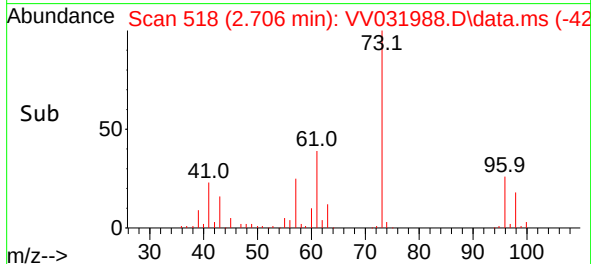
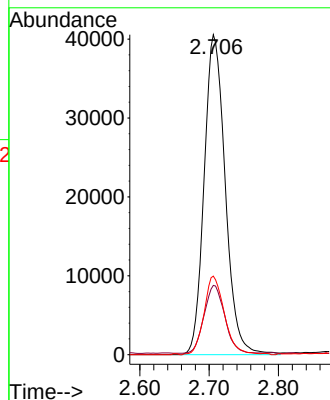
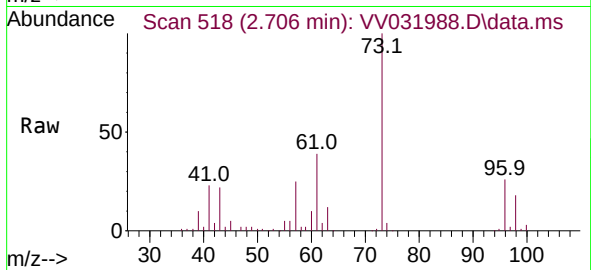




#17
Methyl tert-butyl Ether
Concen: 4.706 ug/L
RT: 2.706 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

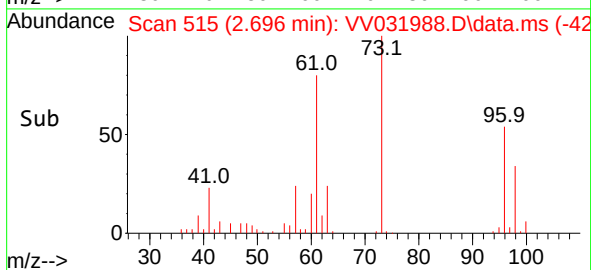
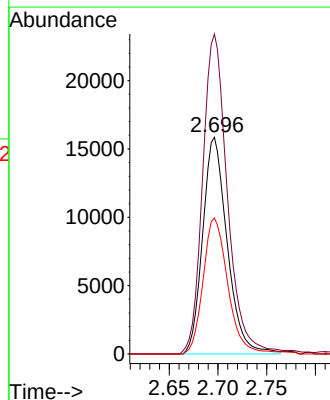
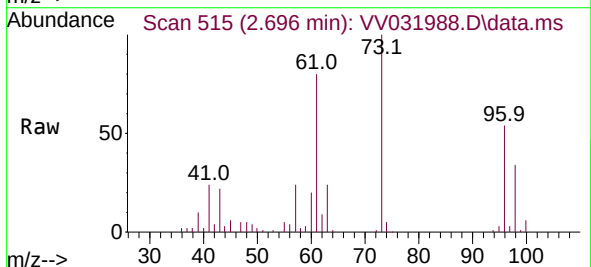
Instrument :
MSVOA_V
ClientSampleId :

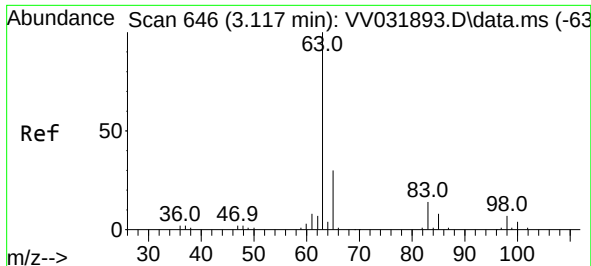
Tgt Ion: 73 Resp: 85873
Ion Ratio Lower Upper
73 100
43 20.7 15.6 23.4
57 23.6 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.168 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

Tgt Ion: 96 Resp: 27789
Ion Ratio Lower Upper
96 100
61 147.6 106.8 198.4
98 62.7 44.9 83.3





#19

1,1-Dichloroethane

Concen: 4.644 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.000 min

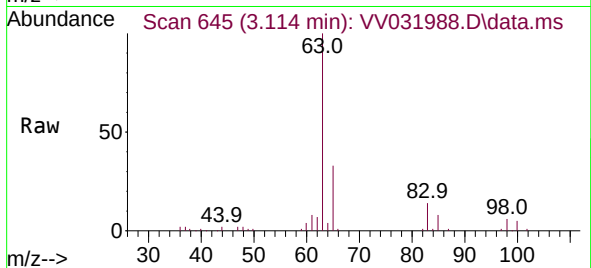
Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

Instrument :

MSVOA_V

ClientSampleId :



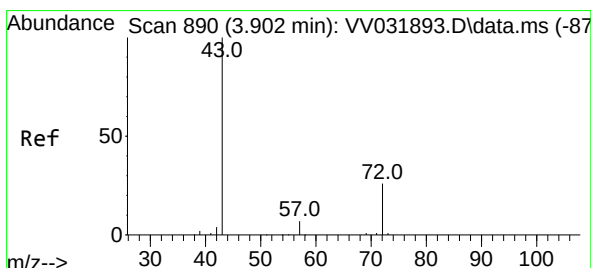
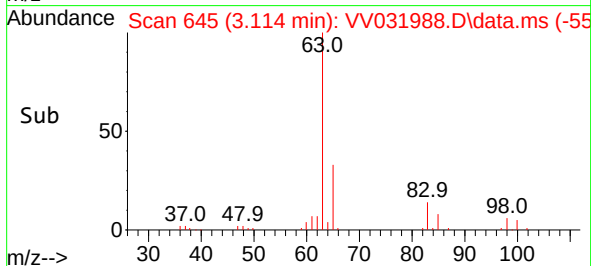
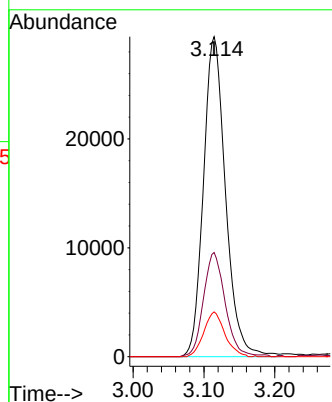
Tgt Ion: 63 Resp: 63757

Ion Ratio Lower Upper

63 100

65 32.5 21.9 40.7

83 14.0 9.2 17.2



#21

2-Butanone

Concen: 54.398 ug/L

RT: 3.883 min Scan# 884

Delta R.T. -0.016 min

Lab File: VV031988.D

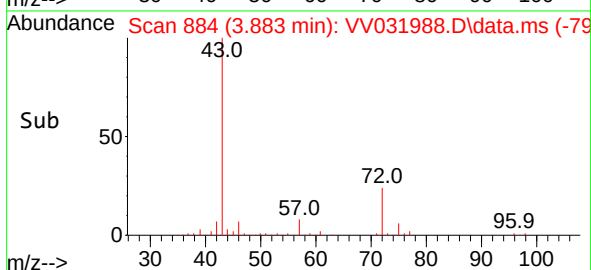
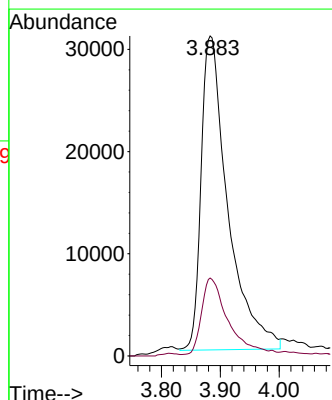
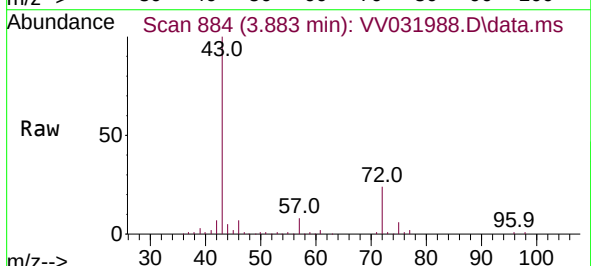
Acq: 09 Sep 2023 09:22

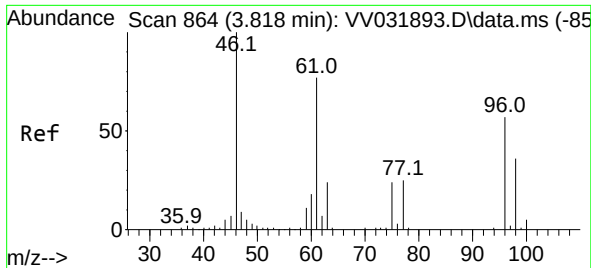
Tgt Ion: 43 Resp: 96973

Ion Ratio Lower Upper

43 100

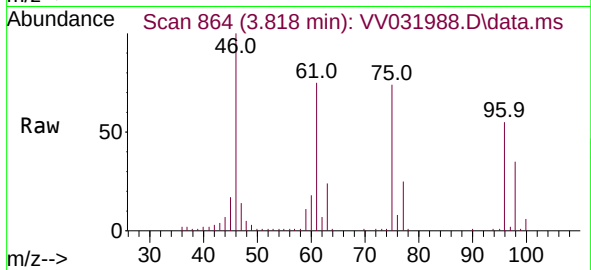
72 23.8 9.0 27.0





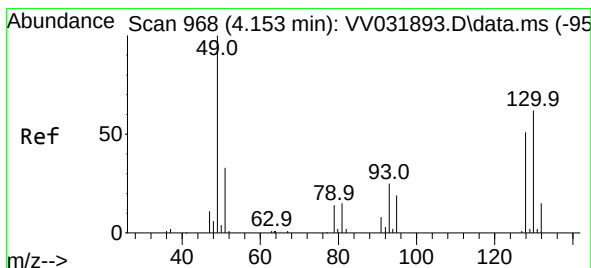
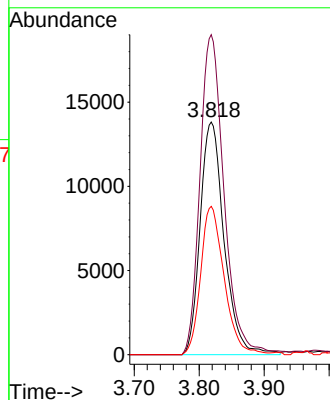
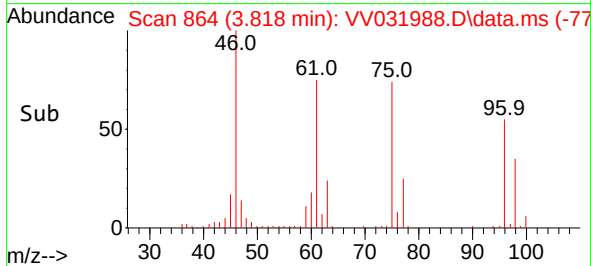
#22
 cis-1,2-Dichloroethene
 Concen: 4.624 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV031988.D
 Acq: 09 Sep 2023 09:22

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 35511

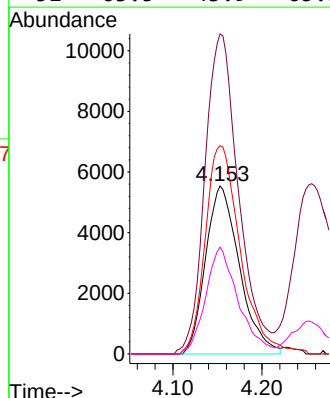
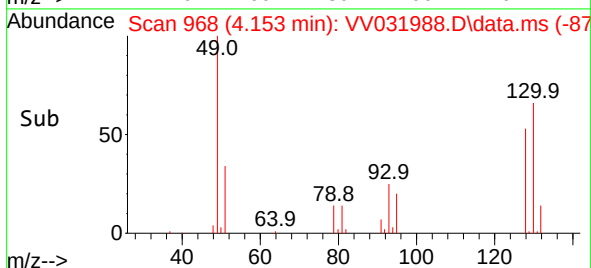
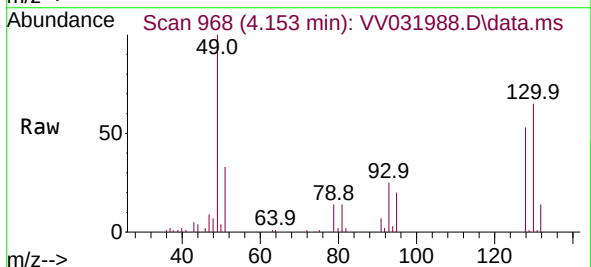
Ion	Ratio	Lower	Upper
96	100		
61	137.6	94.1	174.8
98	63.8	43.8	81.4

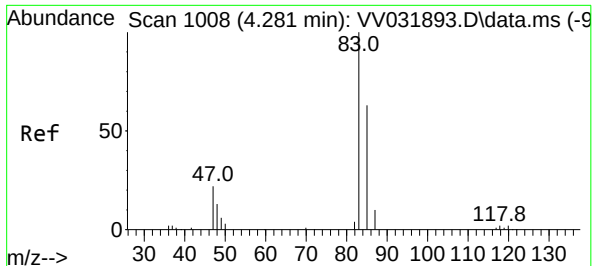


#23
 Bromochloromethane
 Concen: 4.794 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VV031988.D
 Acq: 09 Sep 2023 09:22

Tgt Ion: 128 Resp: 14608

Ion	Ratio	Lower	Upper
128	100		
49	190.5	123.7	229.7
130	124.0	84.3	156.5
51	63.5	43.9	65.9





#25

Chloroform

Concen: 4.519 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. -0.000 min

Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

Instrument :

MSVOA_V

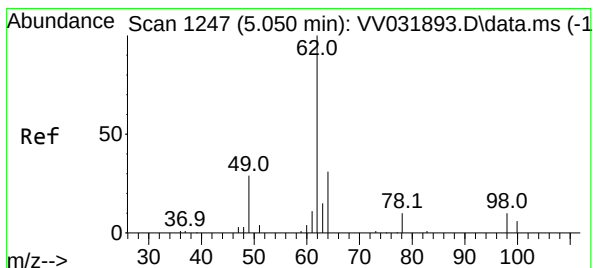
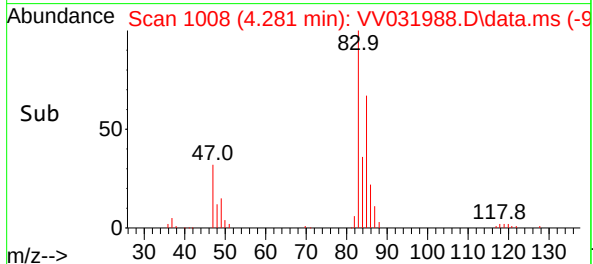
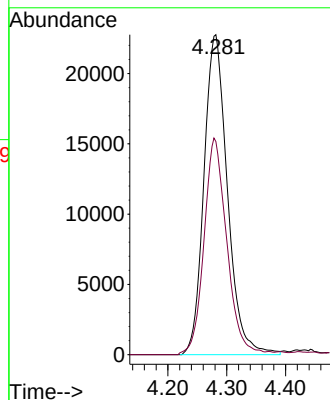
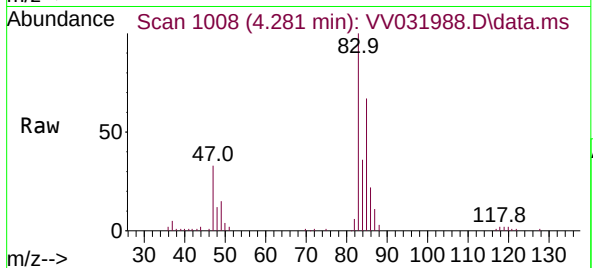
ClientSampleId :

Tgt Ion: 83 Resp: 63245

Ion Ratio Lower Upper

83 100

85 66.6 46.4 86.2



#27

1,2-Dichloroethane

Concen: 4.501 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VV031988.D

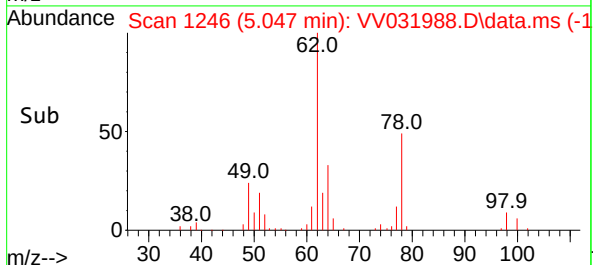
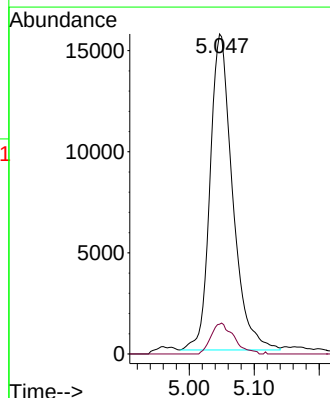
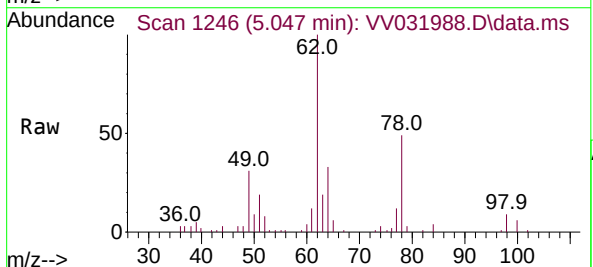
Acq: 09 Sep 2023 09:22

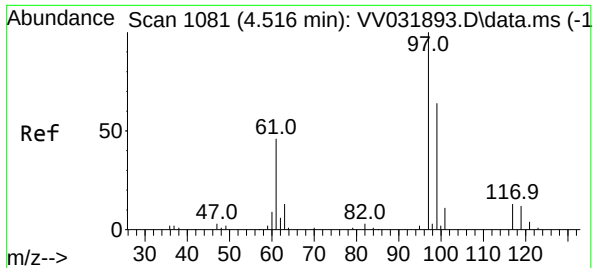
Tgt Ion: 62 Resp: 37669

Ion Ratio Lower Upper

62 100

98 9.3 7.2 10.8

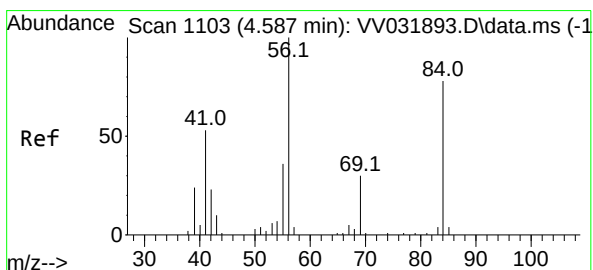
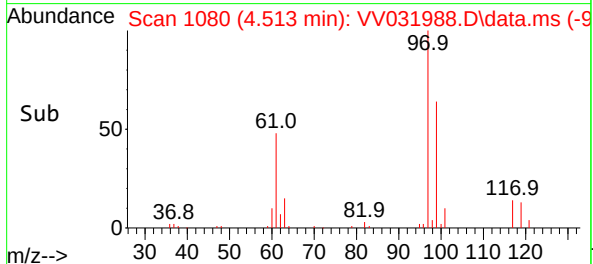
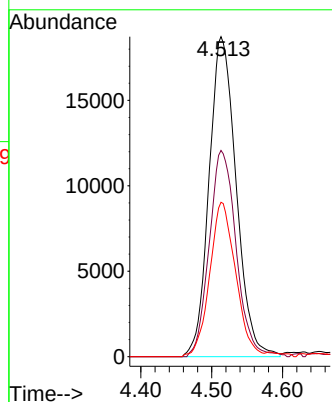
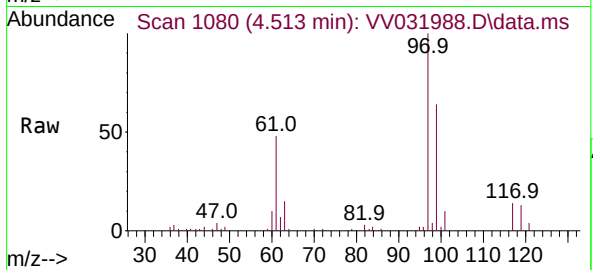




#29
1,1,1-Trichloroethane
Concen: 4.019 ug/L
RT: 4.513 min Scan# 1081
Delta R.T. -0.003 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

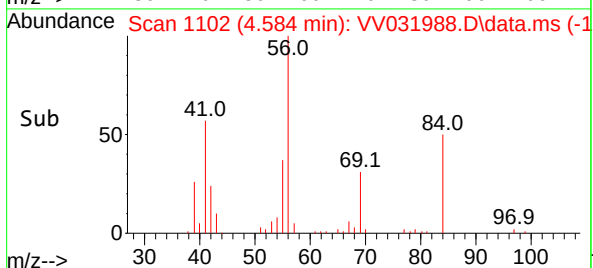
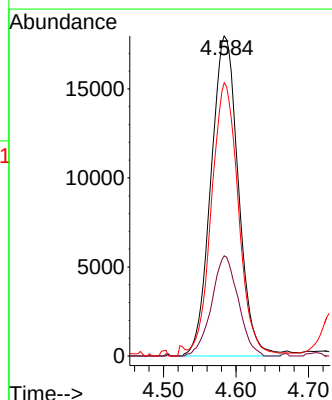
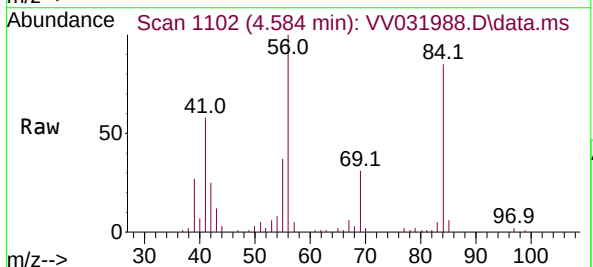
Instrument :
MSVOA_V
ClientSampleId :

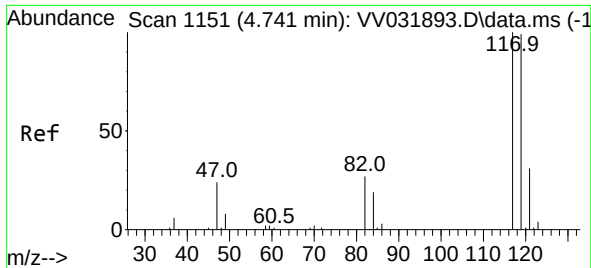
Tgt Ion: 97	Resp: 49795
Ion Ratio	Lower Upper
97 100	
99 64.0	51.1 76.7
61 46.0	35.5 53.3



#30
Cyclohexane
Concen: 3.709 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

Tgt Ion: 56	Resp: 47221
Ion Ratio	Lower Upper
56 100	
69 30.4	25.4 38.0
84 81.5	66.8 100.2

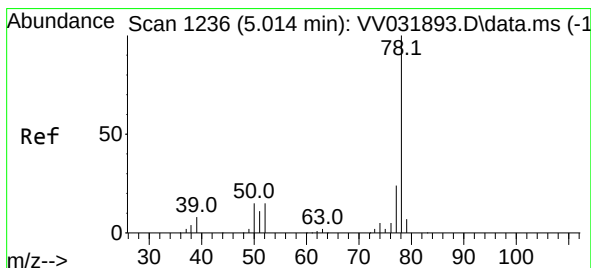
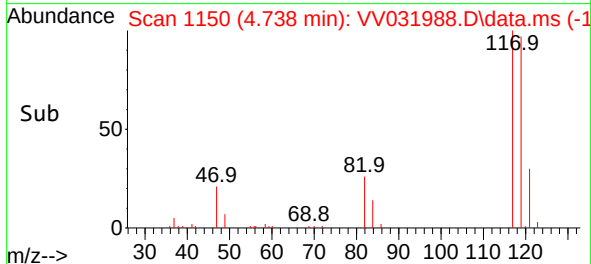
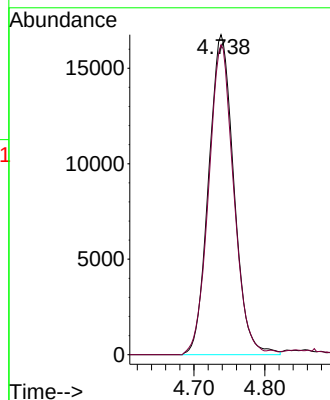
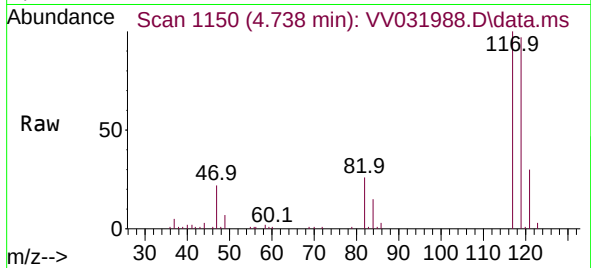




#31
Carbon tetrachloride
Concen: 4.143 ug/L
RT: 4.738 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

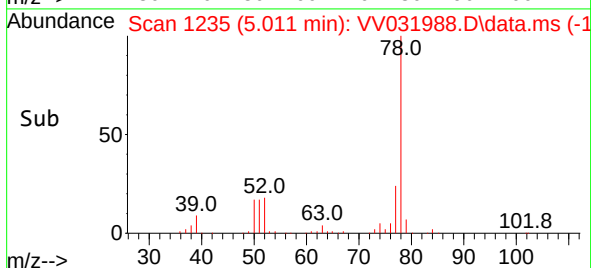
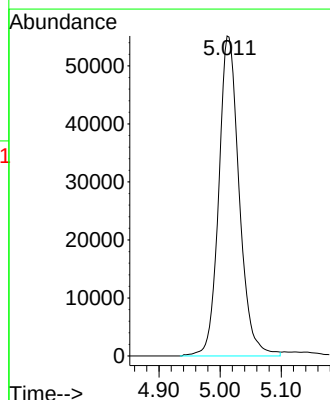
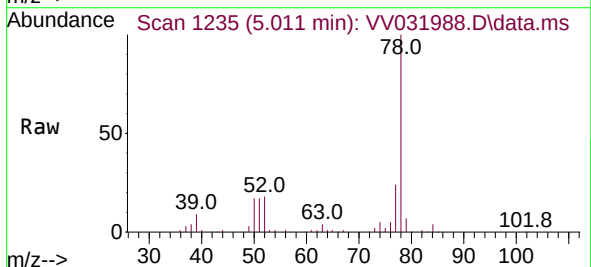
Instrument :
MSVOA_V
ClientSampleId :

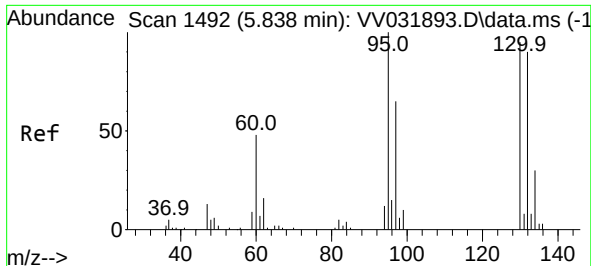
Tgt Ion:117 Resp: 41513
Ion Ratio Lower Upper
117 100
119 95.6 78.4 117.6



#33
Benzene
Concen: 4.340 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

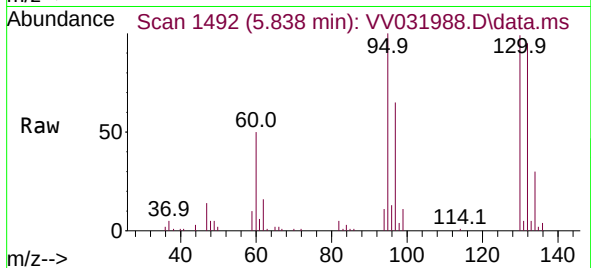
Tgt Ion: 78 Resp: 128224





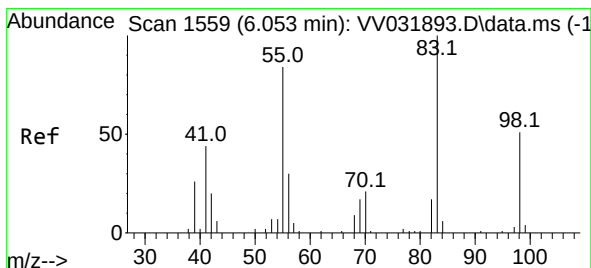
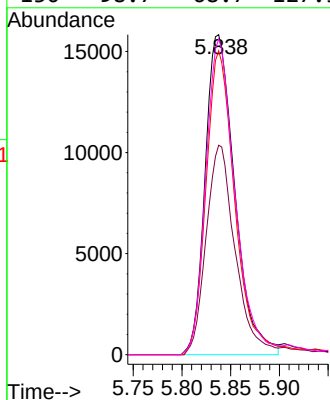
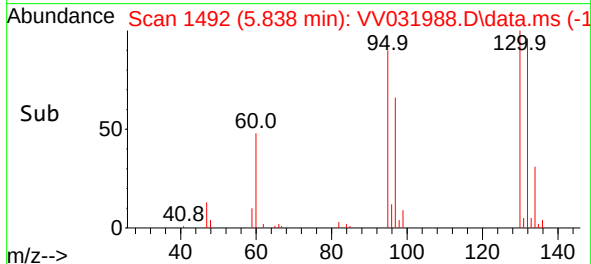
#34
Trichloroethene
Concen: 3.870 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

Instrument :
MSVOA_V
ClientSampleId :

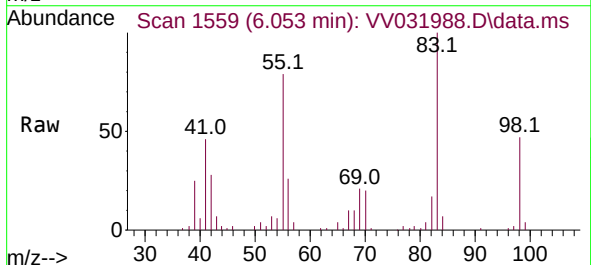


Tgt Ion: 95 Resp: 33417

Ion	Ratio	Lower	Upper
95	100		
97	65.5	47.7	88.7
132	95.0	63.8	118.4
130	98.7	68.7	127.5

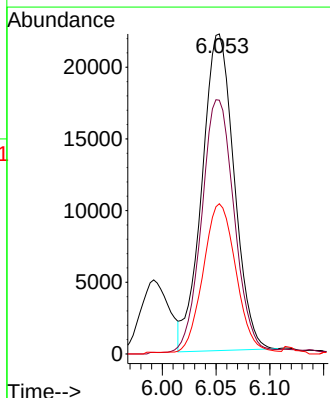
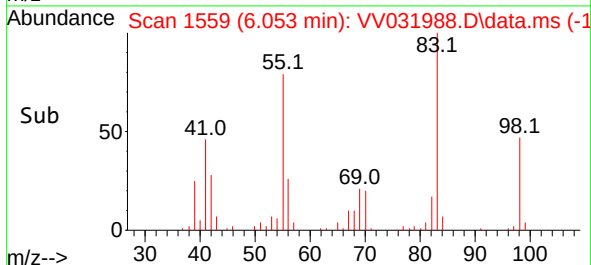


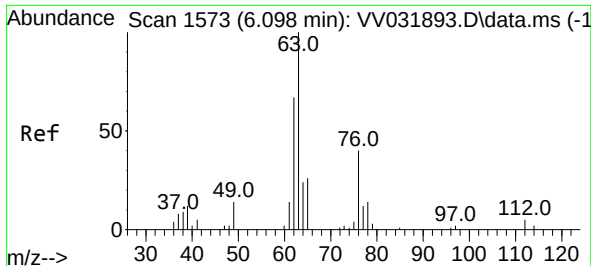
#35
Methylcyclohexane
Concen: 3.662 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22



Tgt Ion: 83 Resp: 46024

Ion	Ratio	Lower	Upper
83	100		
55	80.9	62.6	94.0
98	48.1	37.8	56.8





#37

1,2-Dichloropropane

Concen: 4.359 ug/L

RT: 6.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

Instrument :

MSVOA_V

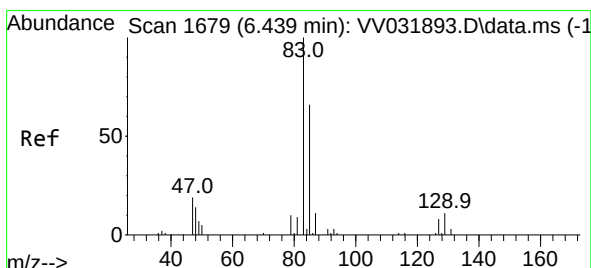
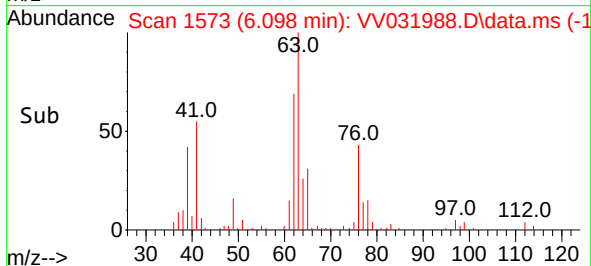
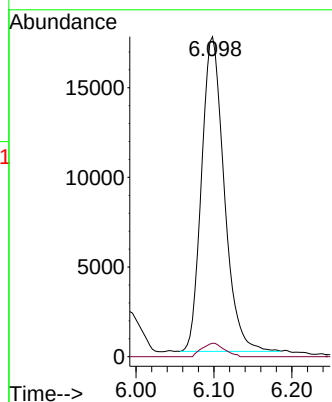
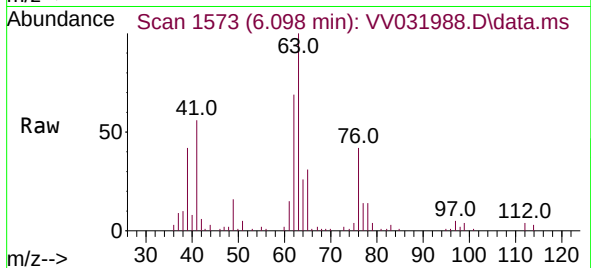
ClientSampleId :

Tgt Ion: 63 Resp: 35483

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 4.432 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

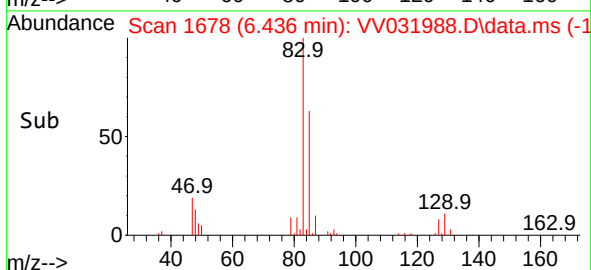
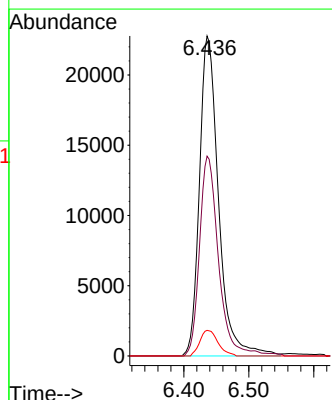
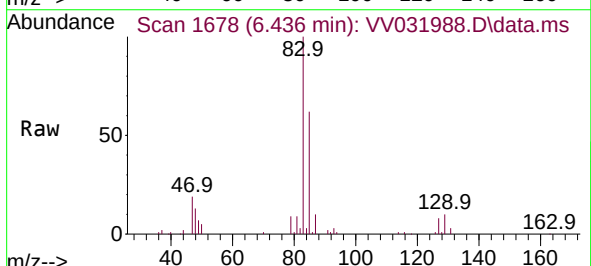
Tgt Ion: 83 Resp: 46690

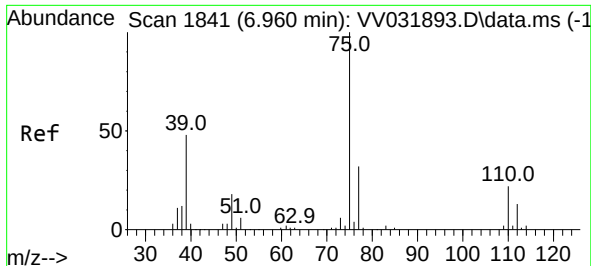
Ion Ratio Lower Upper

83 100

85 62.4 44.4 82.4

127 8.0 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 4.368 ug/L

RT: 6.960 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

Instrument :

MSVOA_V

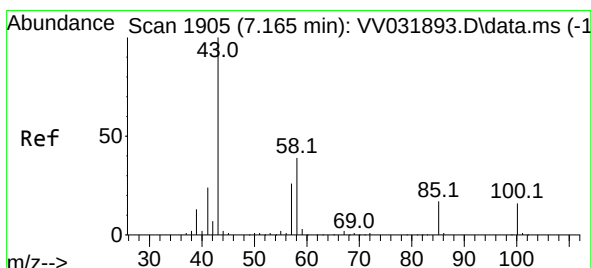
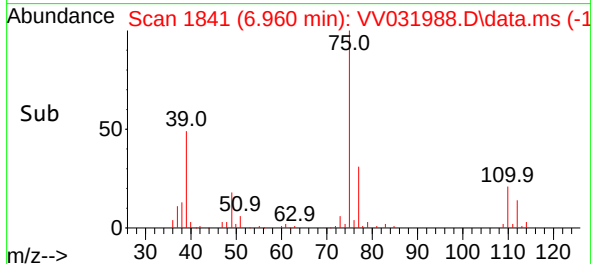
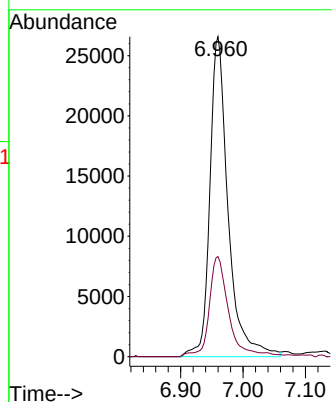
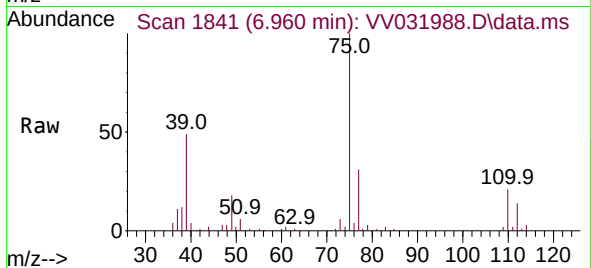
ClientSampleId :

Tgt Ion: 75 Resp: 54087

Ion Ratio Lower Upper

75 100

77 31.3 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 51.473 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

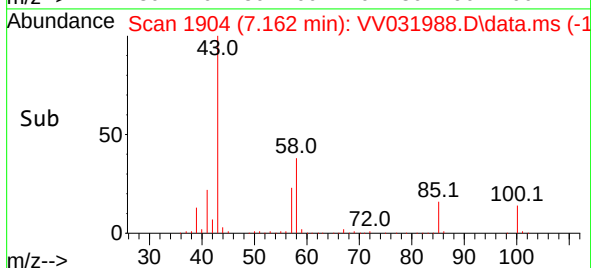
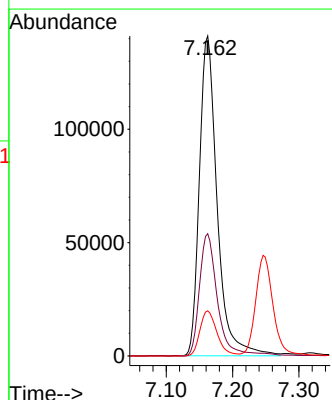
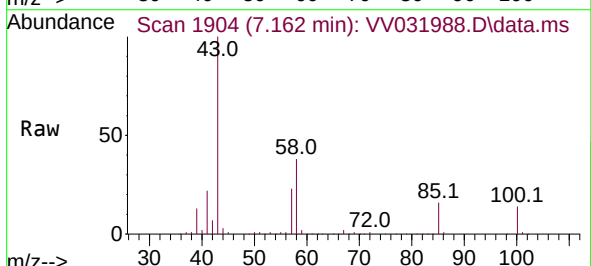
Tgt Ion: 43 Resp: 262596

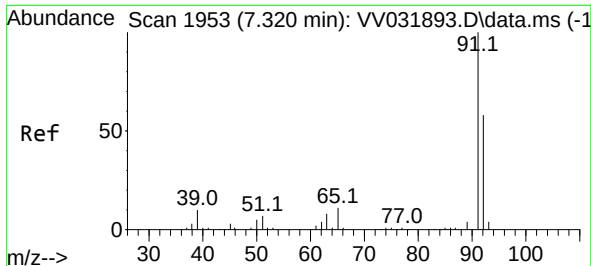
Ion Ratio Lower Upper

43 100

58 39.1 29.0 43.6

100 13.6 10.7 16.1

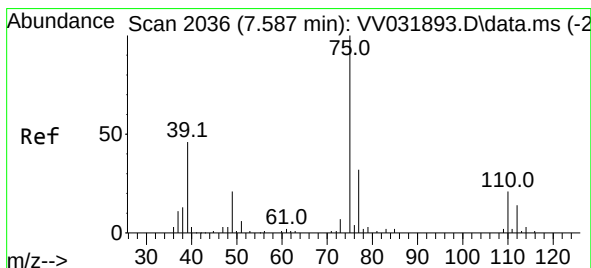
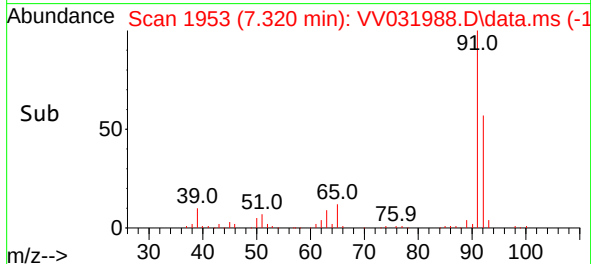
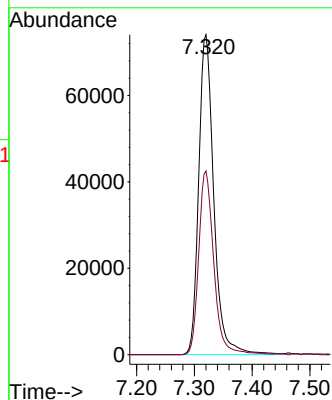
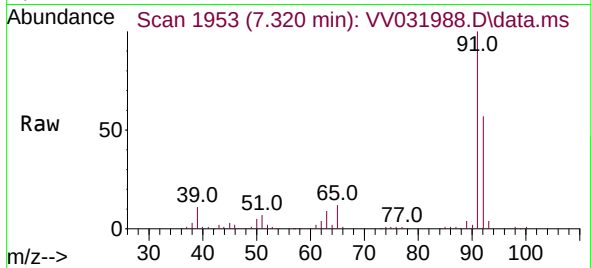




#42
Toluene
Concen: 4.098 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

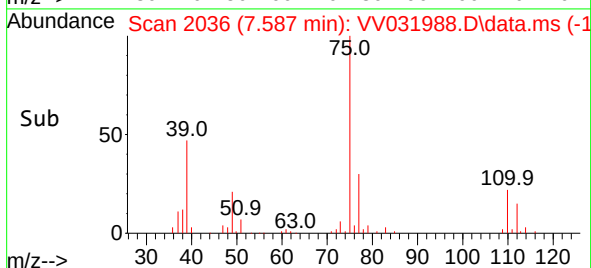
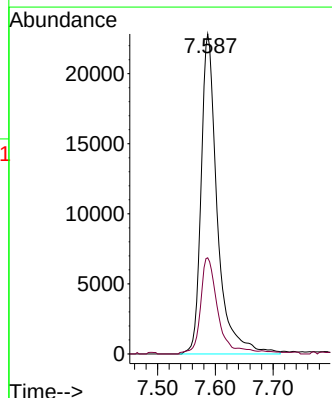
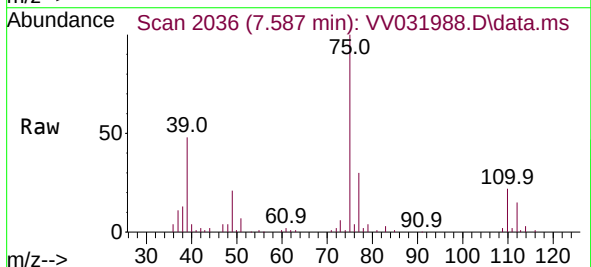
Instrument :
MSVOA_V
ClientSampleId :

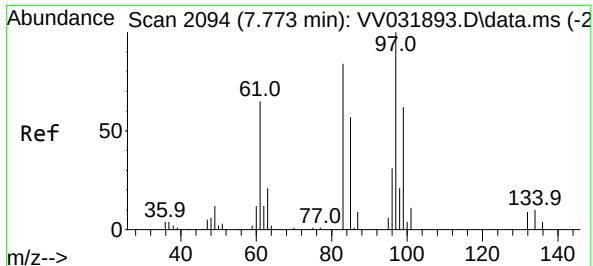
Tgt Ion: 91 Resp: 134519
Ion Ratio Lower Upper
91 100
92 57.4 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 4.318 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

Tgt Ion: 75 Resp: 44640
Ion Ratio Lower Upper
75 100
77 30.0 22.4 41.6

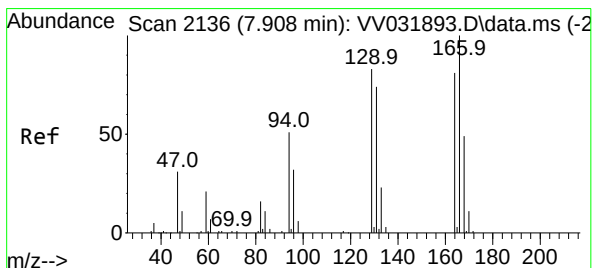
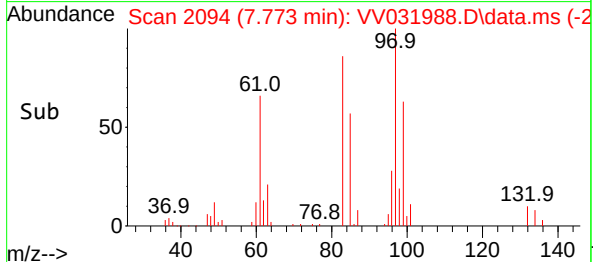
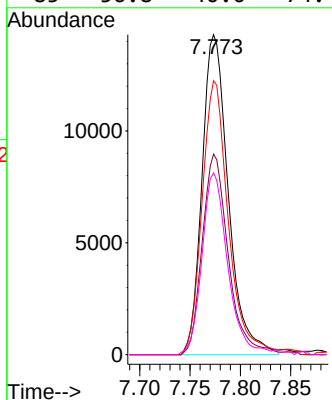
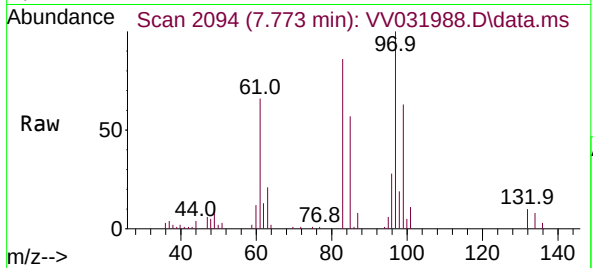




#45
1,1,2-Trichloroethane
Concen: 4.465 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

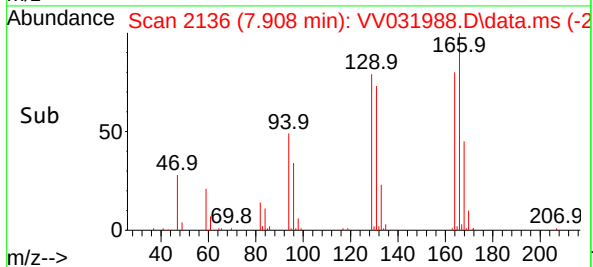
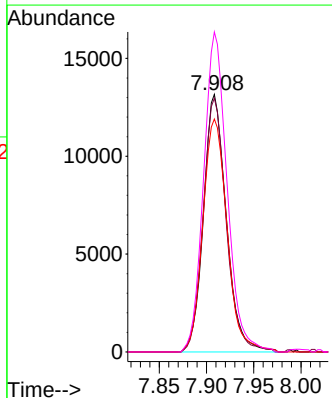
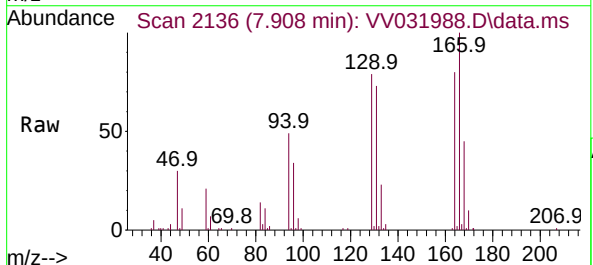
Instrument :
MSVOA_V
ClientSampleId :

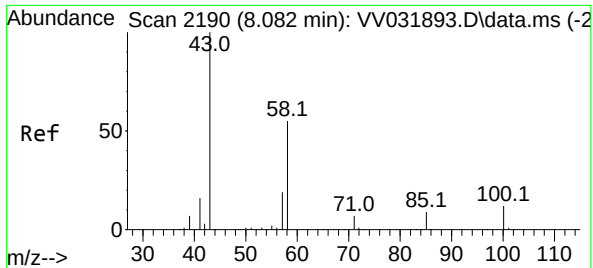
Tgt Ion:	97	Resp:	26013
Ion	Ratio	Lower	Upper
97	100		
99	62.7	44.3	82.3
83	85.6	62.7	116.5
85	56.8	40.0	74.4



#47
Tetrachloroethene
Concen: 4.008 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

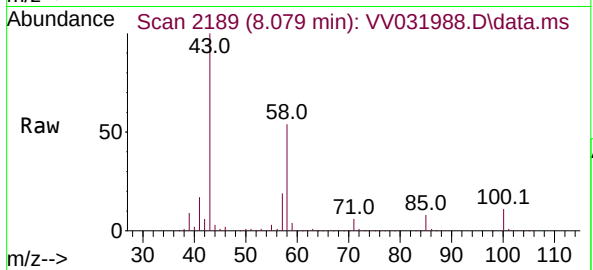
Tgt Ion:	164	Resp:	22111
Ion	Ratio	Lower	Upper
164	100		
129	98.6	70.6	131.2
131	90.4	64.6	120.0
166	124.2	88.3	164.1



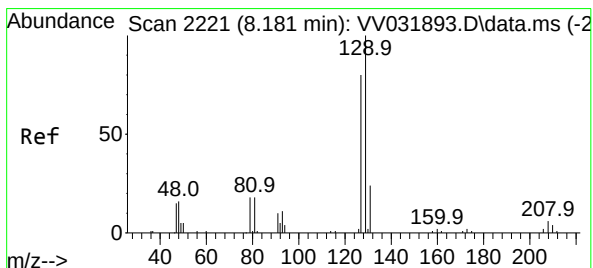
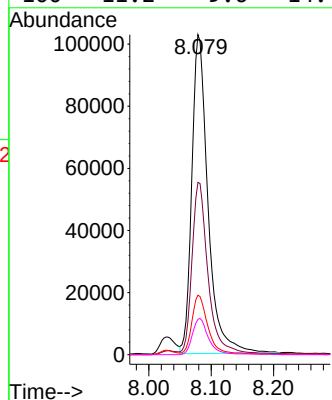
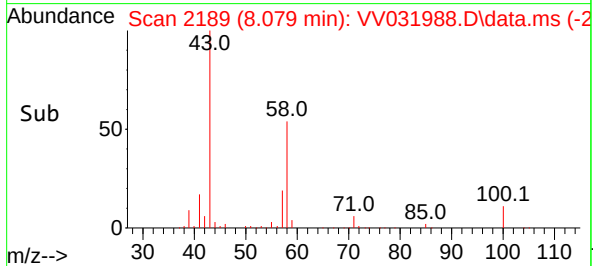


#48
2-Hexanone
Concen: 48.439 ug/L
RT: 8.079 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

Instrument :
MSVOA_V
ClientSampleId :

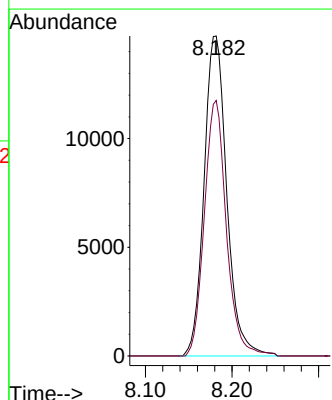
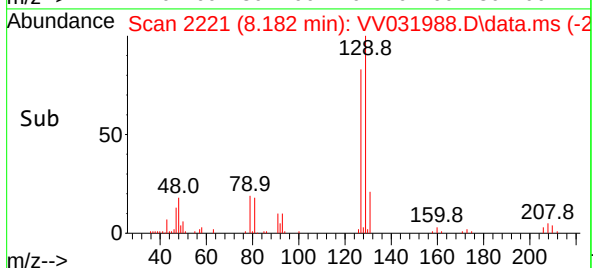
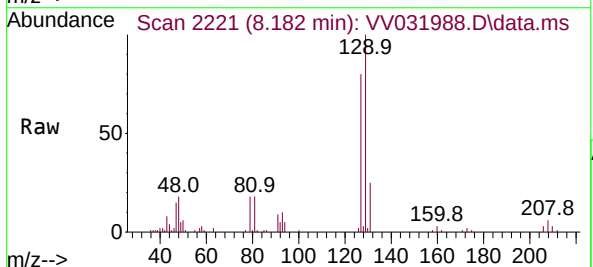


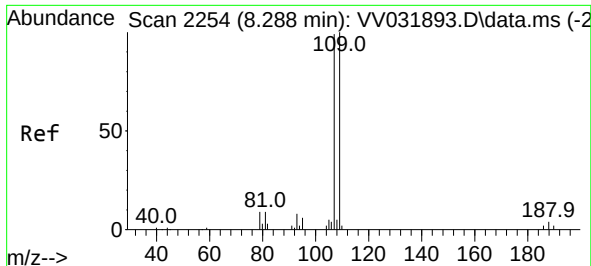
Tgt Ion: 43 Resp: 184629
Ion Ratio Lower Upper
43 100
58 52.8 44.3 66.5
57 18.4 14.3 21.5
100 11.2 9.6 14.4



#49
Dibromochloromethane
Concen: 4.418 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

Tgt Ion: 129 Resp: 26826
Ion Ratio Lower Upper
129 100
127 79.8 53.7 99.7





#50

1,2-Dibromoethane

Concen: 4.398 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

Instrument :

MSVOA_V

ClientSampleId :

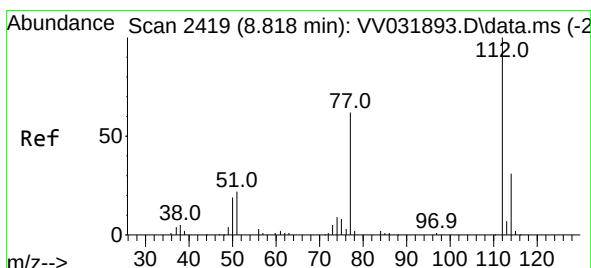
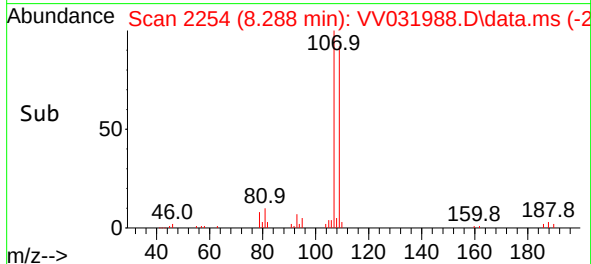
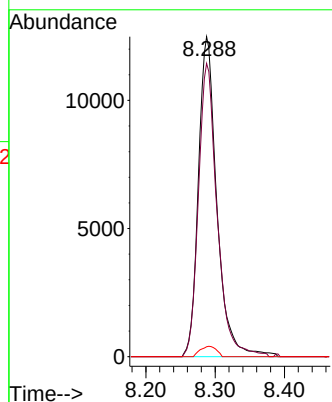
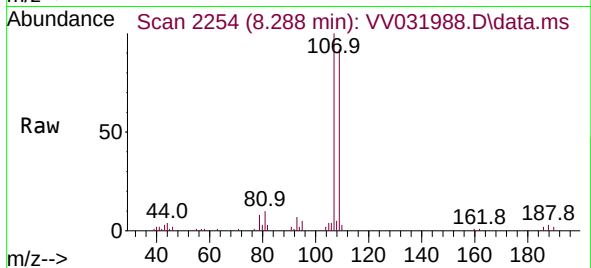
Tgt Ion:107 Resp: 23173

Ion Ratio Lower Upper

107 100

109 91.6 66.3 123.1

188 3.1 2.6 3.8



#51

Chlorobenzene

Concen: 4.176 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. -0.000 min

Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

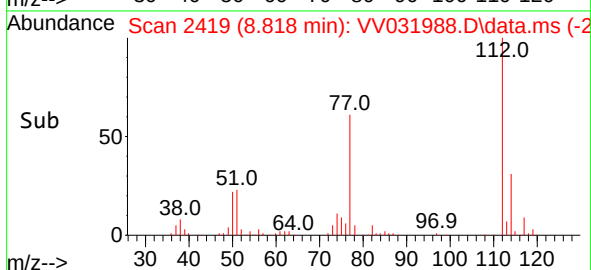
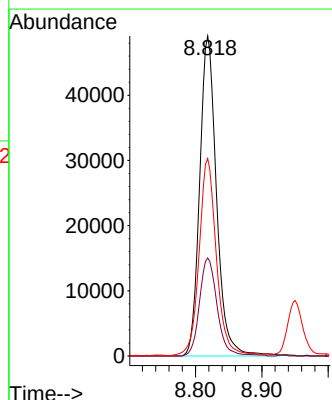
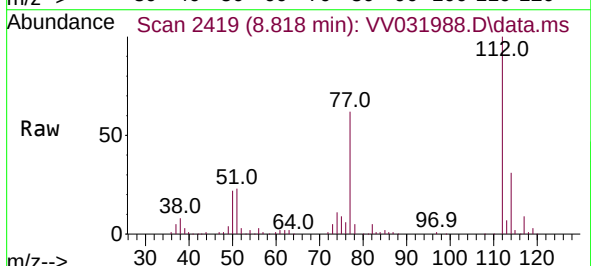
Tgt Ion:112 Resp: 86795

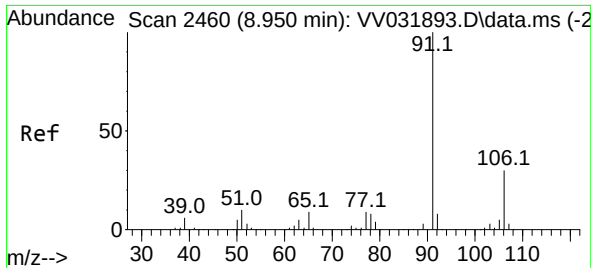
Ion Ratio Lower Upper

112 100

114 30.7 22.3 41.3

77 61.7 50.6 75.8

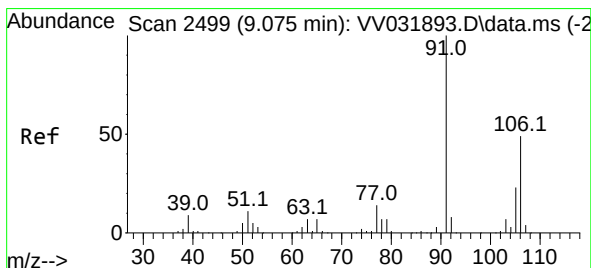
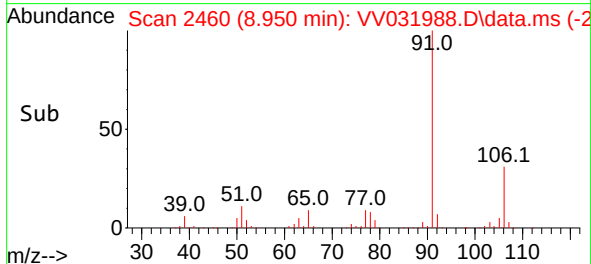
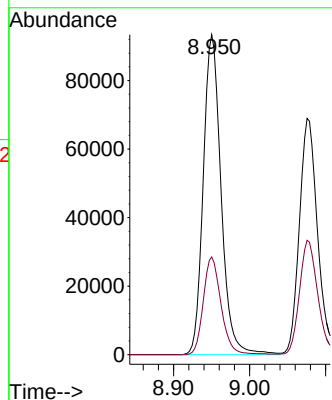
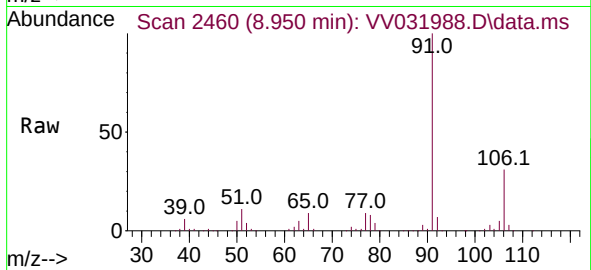




#52
Ethylbenzene
Concen: 4.030 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

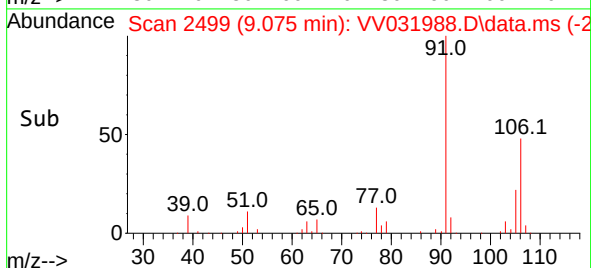
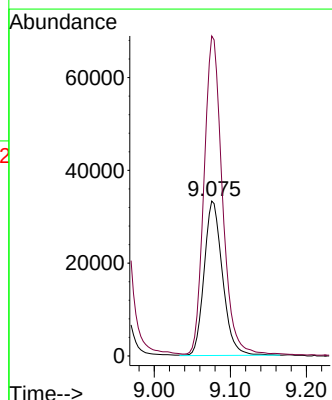
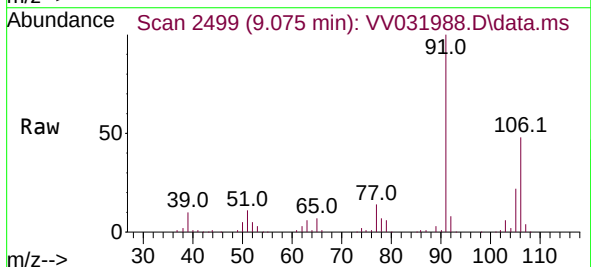
Instrument :
MSVOA_V
ClientSampleId :

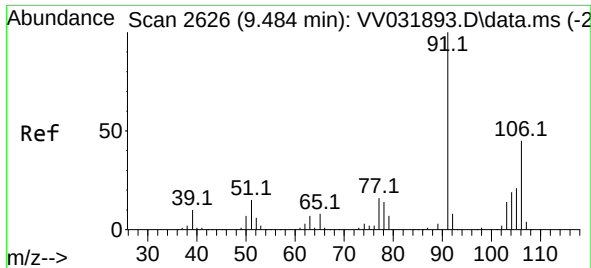
Tgt Ion: 91 Resp: 152061
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 3.928 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

Tgt Ion: 106 Resp: 55828
Ion Ratio Lower Upper
106 100
91 206.7 142.7 265.1

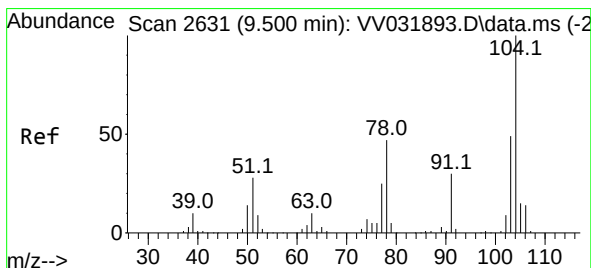
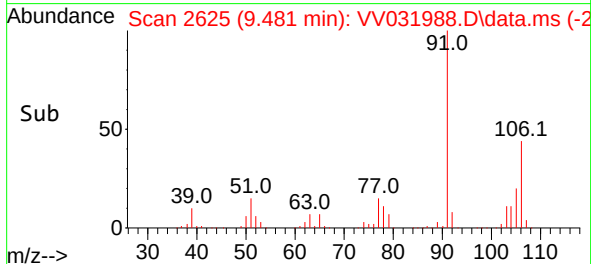
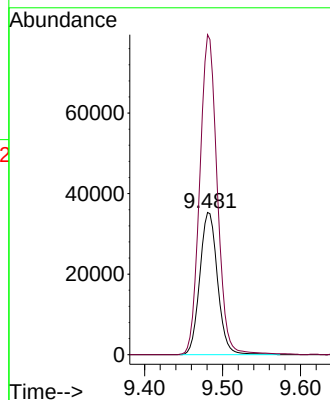
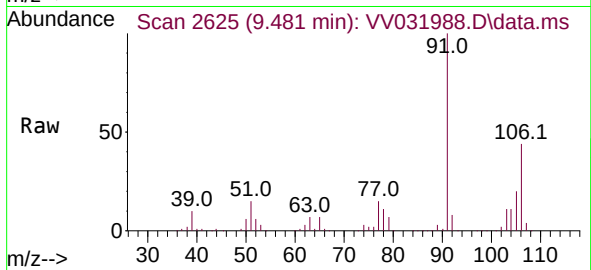




#54
o-Xylene
Concen: 4.072 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

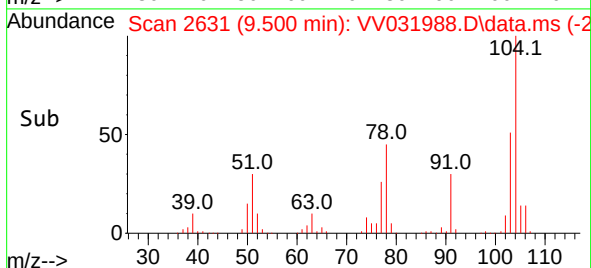
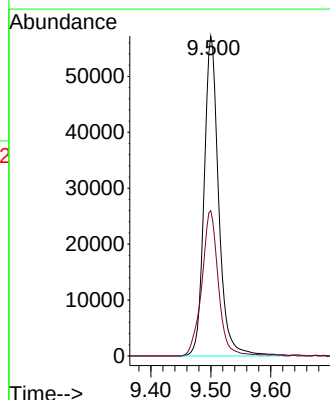
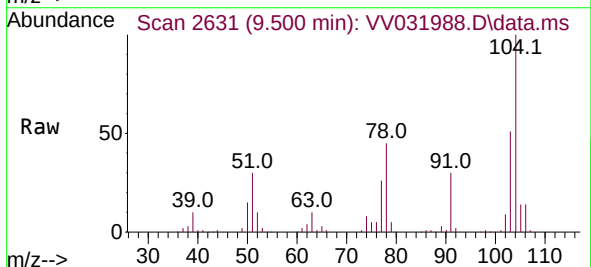
Instrument :
MSVOA_V
ClientSampleId :

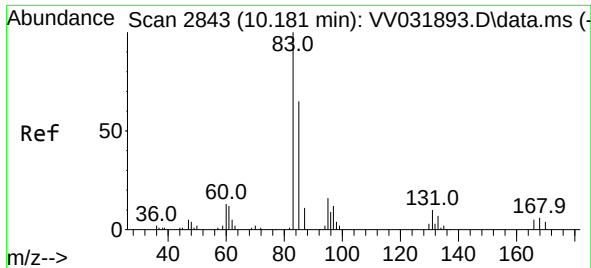
Tgt Ion:106 Resp: 55928
Ion Ratio Lower Upper
106 100
91 225.0 154.7 287.3



#55
Styrene
Concen: 4.093 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

Tgt Ion:104 Resp: 96978
Ion Ratio Lower Upper
104 100
78 45.4 32.1 59.7

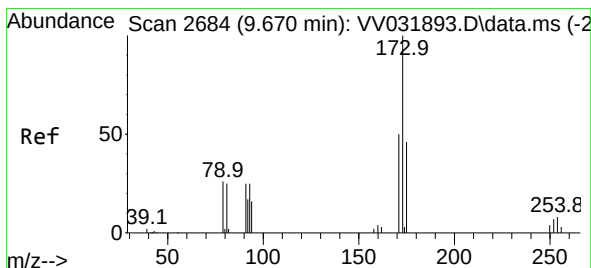
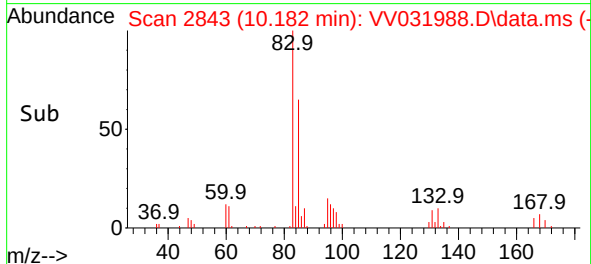
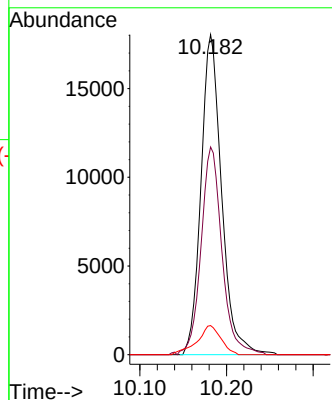
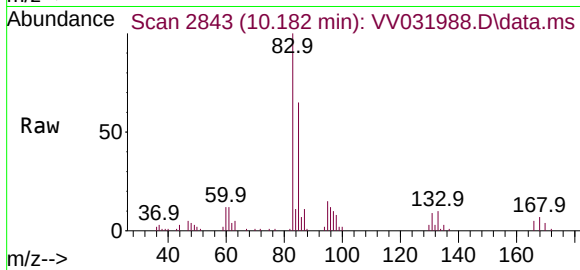




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.062 ug/L
 RT: 10.182 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031988.D
 Acq: 09 Sep 2023 09:22

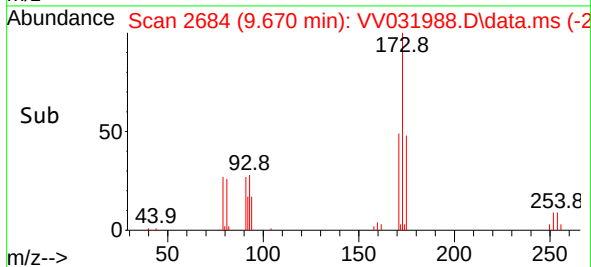
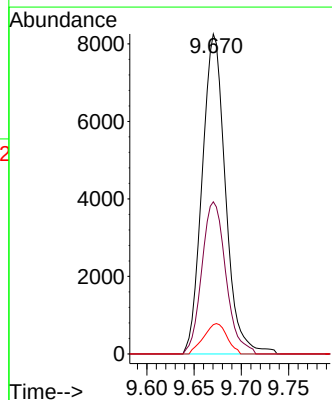
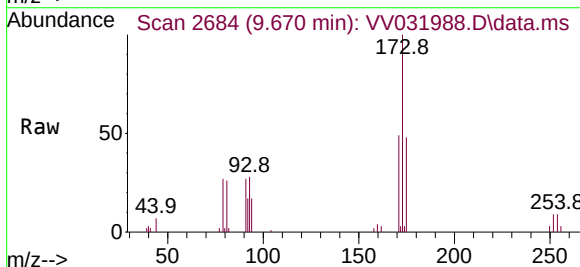
Instrument :
 MSVOA_V
 ClientSampleId :

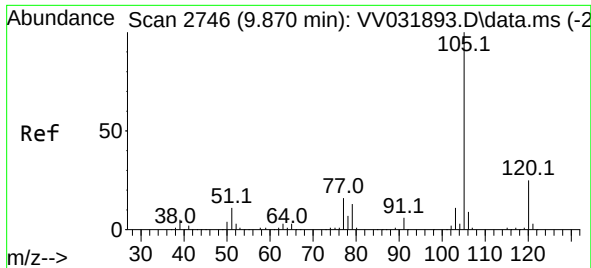
Tgt Ion: 83 Resp: 29860
 Ion Ratio Lower Upper
 83 100
 85 64.9 46.6 86.6
 131 9.1 7.4 11.2



#59
 Bromoform
 Concen: 4.286 ug/L
 RT: 9.670 min Scan# 2684
 Delta R.T. 0.000 min
 Lab File: VV031988.D
 Acq: 09 Sep 2023 09:22

Tgt Ion: 173 Resp: 14126
 Ion Ratio Lower Upper
 173 100
 175 49.1 38.0 57.0
 254 9.5 6.8 10.2

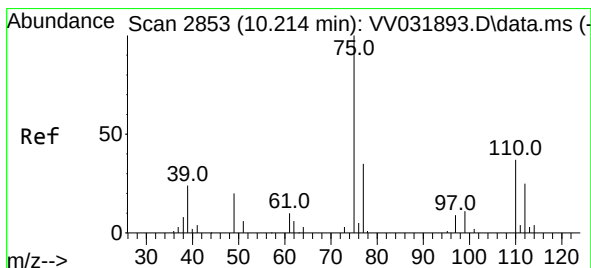
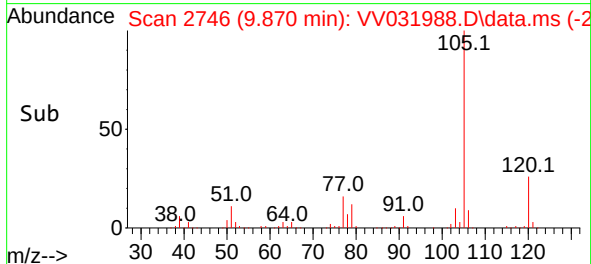
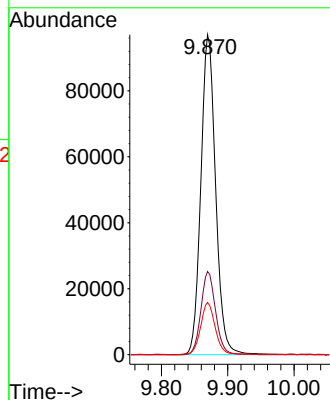
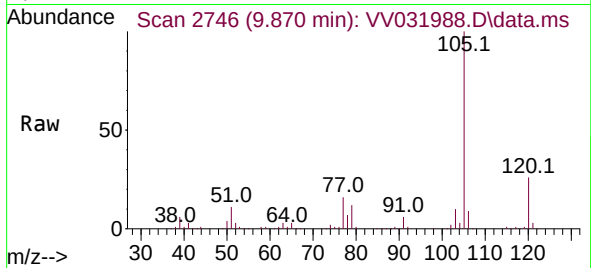




#60
Isopropylbenzene
Concen: 3.876 ug/L
RT: 9.870 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

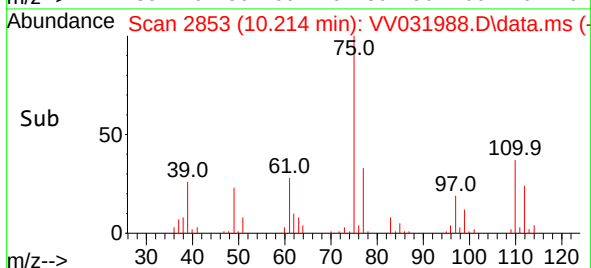
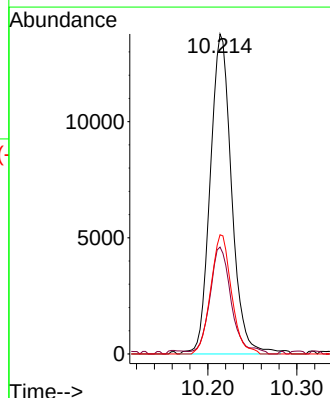
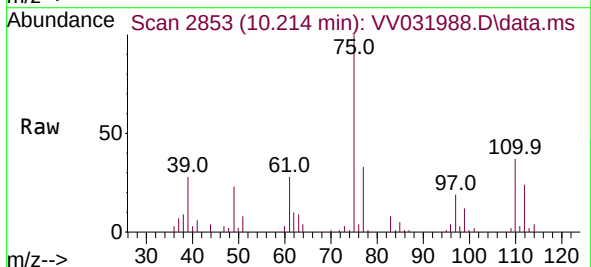
Instrument :
MSVOA_V
ClientSampleId :

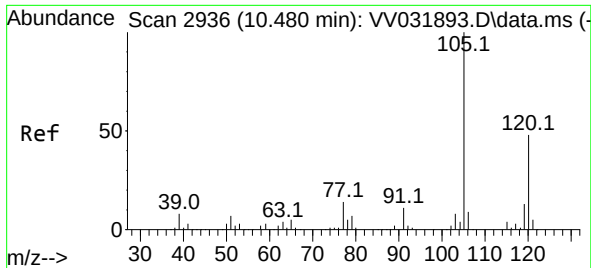
Tgt Ion:105 Resp: 150288
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 16.2 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 4.467 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV031988.D
Acq: 09 Sep 2023 09:22

Tgt Ion: 75 Resp: 22954
Ion Ratio Lower Upper
75 100
77 33.6 28.8 43.2
110 36.2 30.2 45.2

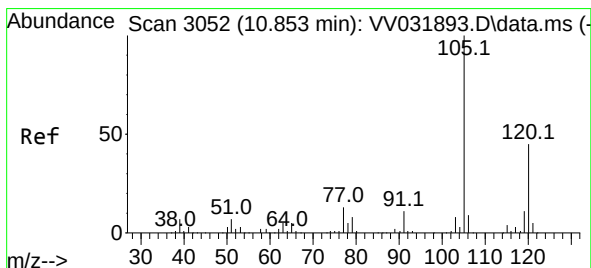
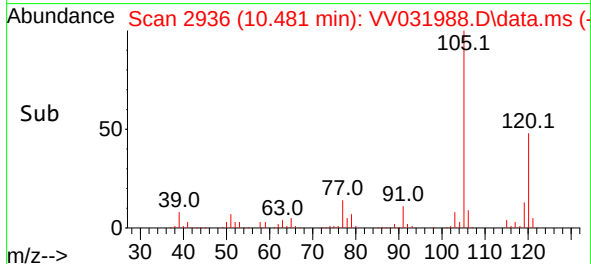
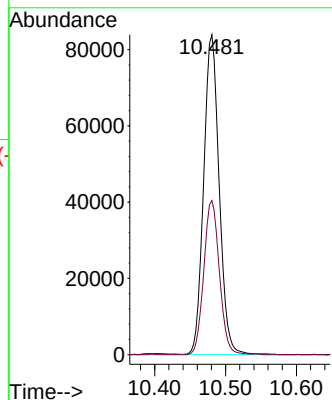
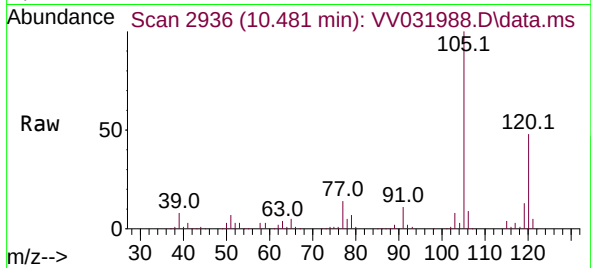




#62
 1,3,5-Trimethylbenzene
 Concen: 3.841 ug/L
 RT: 10.481 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VV031988.D
 Acq: 09 Sep 2023 09:22

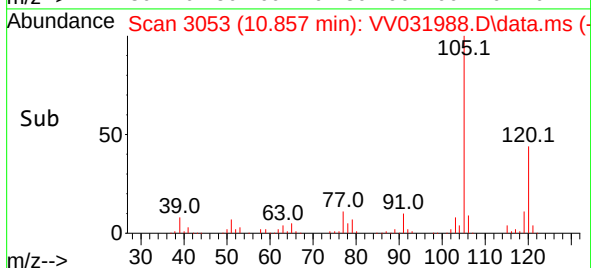
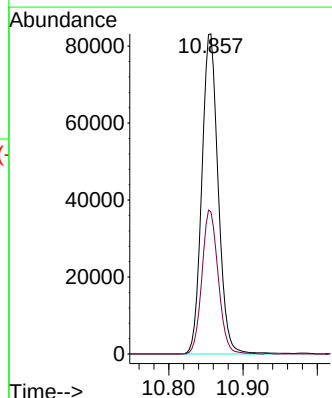
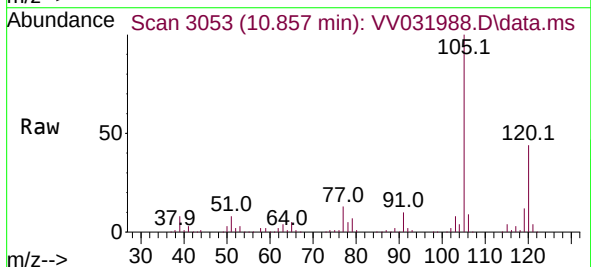
Instrument :
 MSVOA_V
 ClientSampleId :

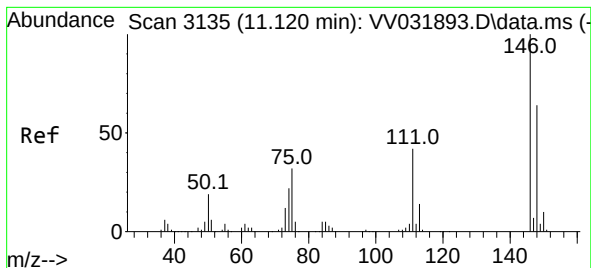
Tgt Ion:105 Resp: 127682
 Ion Ratio Lower Upper
 105 100
 120 48.4 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 3.891 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.003 min
 Lab File: VV031988.D
 Acq: 09 Sep 2023 09:22

Tgt Ion:105 Resp: 127076
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 4.031 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. -0.000 min

Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

Instrument :

MSVOA_V

ClientSampleId :

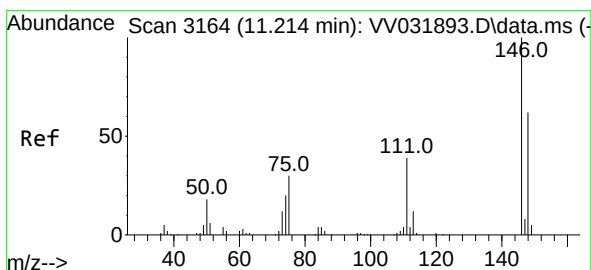
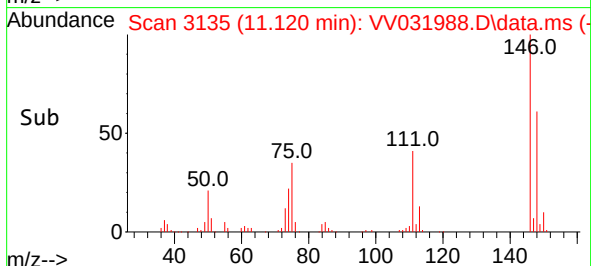
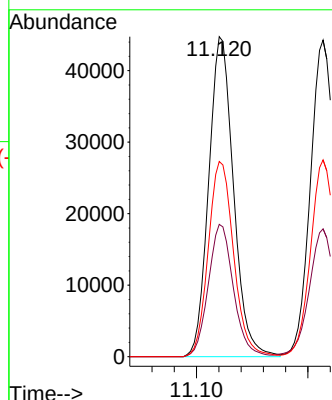
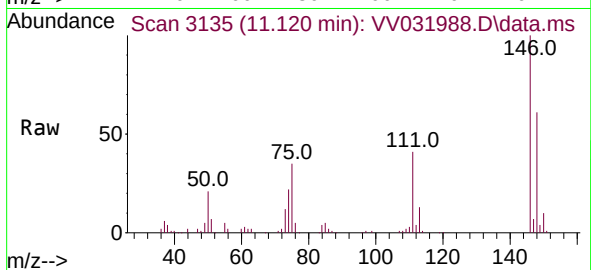
Tgt Ion:146 Resp: 69223

Ion Ratio Lower Upper

146 100

111 41.4 29.5 54.7

148 61.0 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 4.006 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

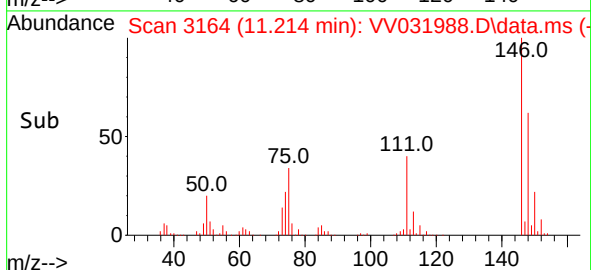
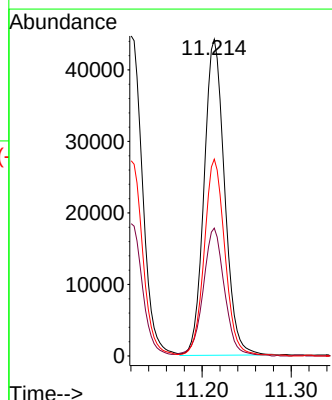
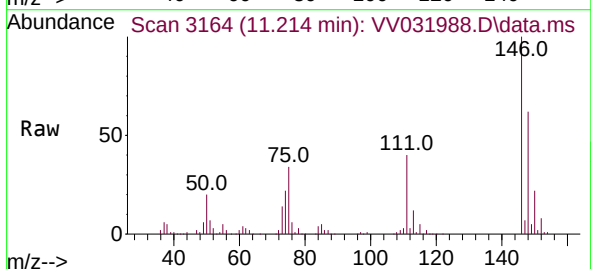
Tgt Ion:146 Resp: 70666

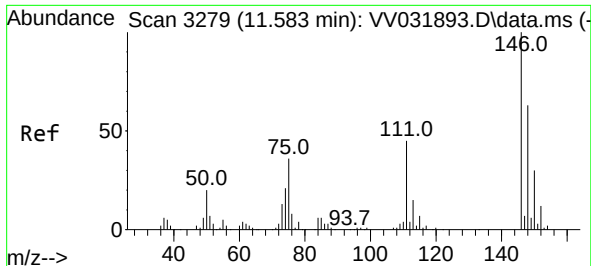
Ion Ratio Lower Upper

146 100

111 40.4 29.2 54.2

148 62.2 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 4.126 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

Instrument :

MSVOA_V

ClientSampleId :

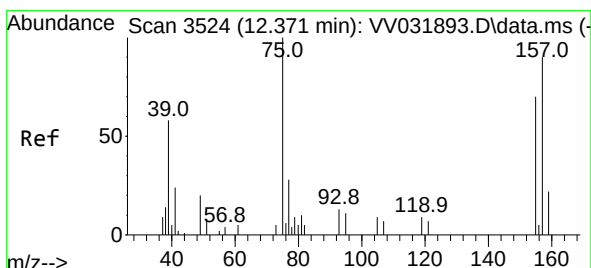
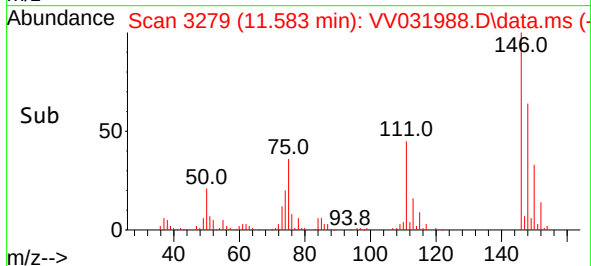
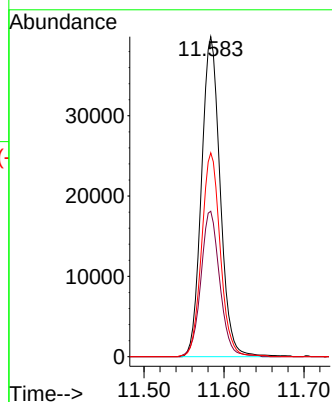
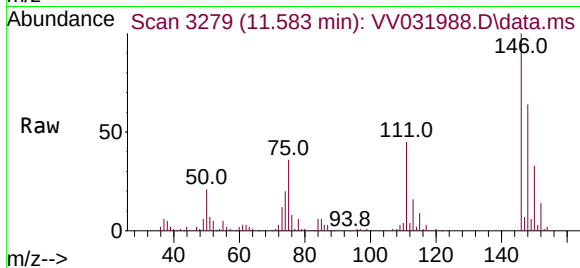
Tgt Ion:146 Resp: 64848

Ion Ratio Lower Upper

146 100

111 45.5 34.8 52.2

148 63.7 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.381 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.000 min

Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

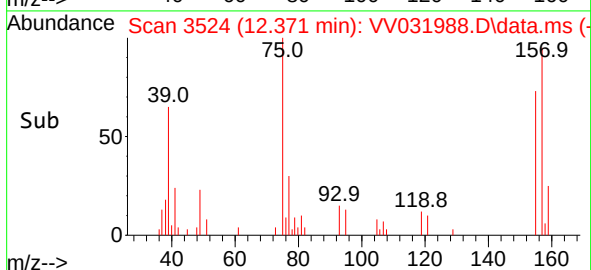
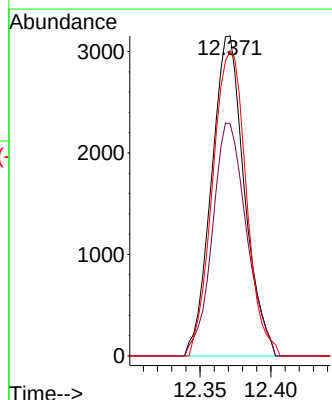
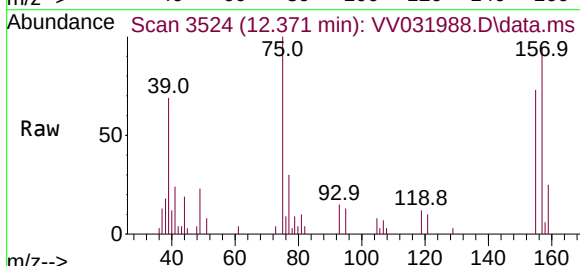
Tgt Ion: 75 Resp: 5099

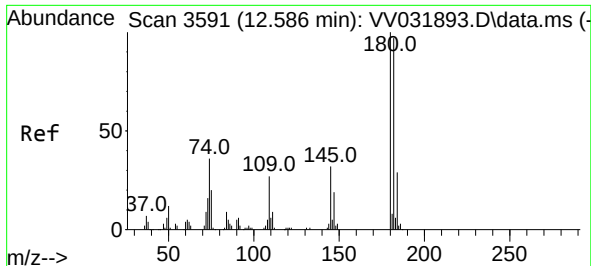
Ion Ratio Lower Upper

75 100

155 72.6 56.1 84.1

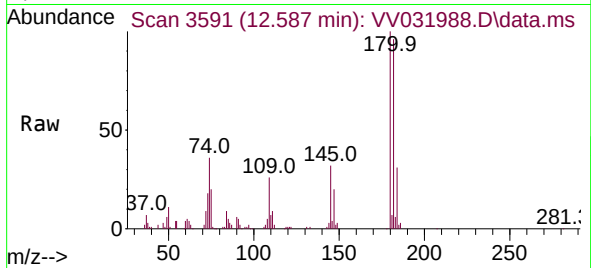
157 95.4 71.1 106.7





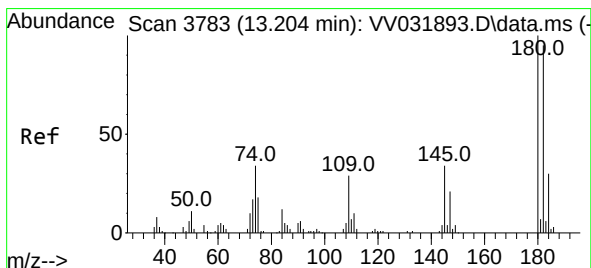
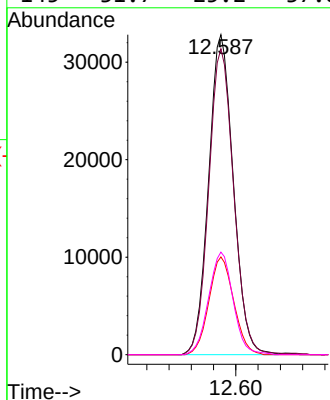
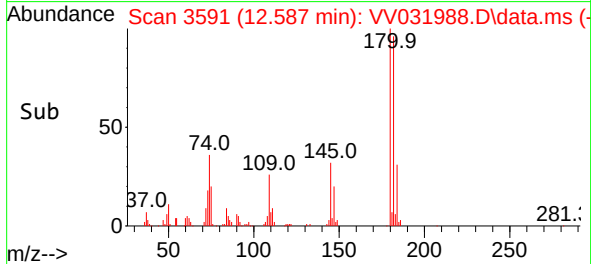
#69
 1,3,5-Trichlorobenzene
 Concen: 3.962 ug/L
 RT: 12.587 min Scan# 3591
 Delta R.T. -0.000 min
 Lab File: VV031988.D
 Acq: 09 Sep 2023 09:22

Instrument :
 MSVOA_V
 ClientSampleId :

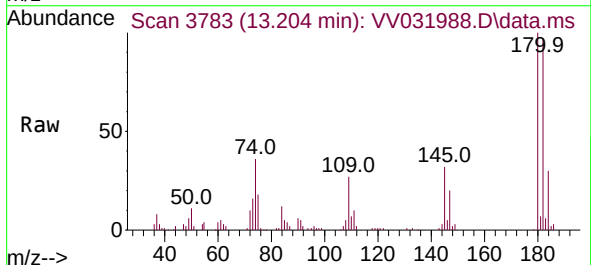


Tgt Ion:180 Resp: 50581

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.0	114.0
184	30.6	23.9	35.9
145	31.7	25.2	37.8

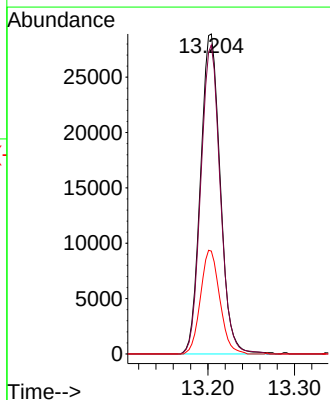
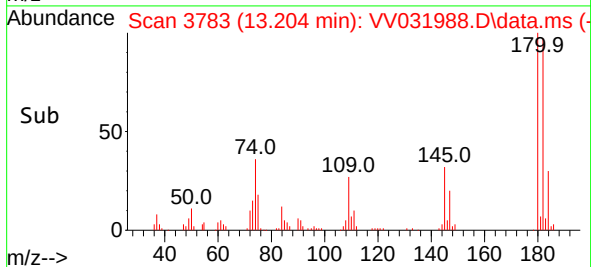


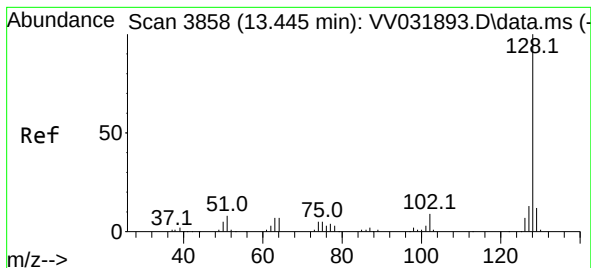
#70
 1,2,4-trichlorobenzene
 Concen: 3.920 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. -0.000 min
 Lab File: VV031988.D
 Acq: 09 Sep 2023 09:22



Tgt Ion:180 Resp: 45620

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.9	115.3
145	31.6	26.6	39.8





#71

Naphthalene

Concen: 3.755 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

Instrument :

MSVOA_V

ClientSampleId :

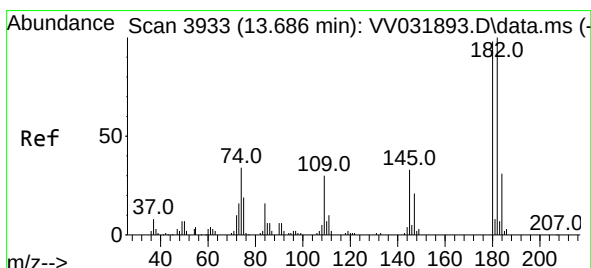
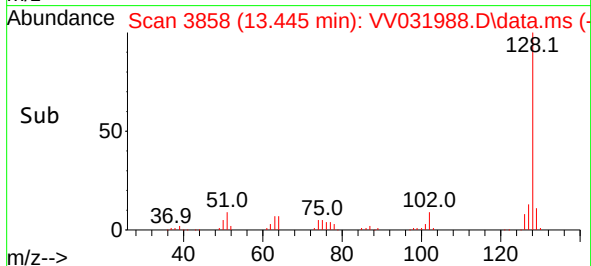
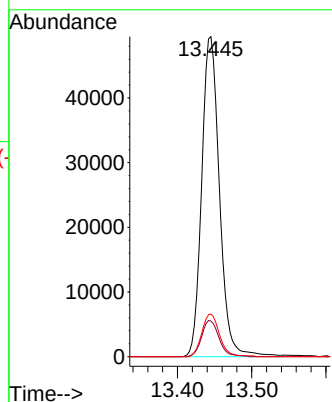
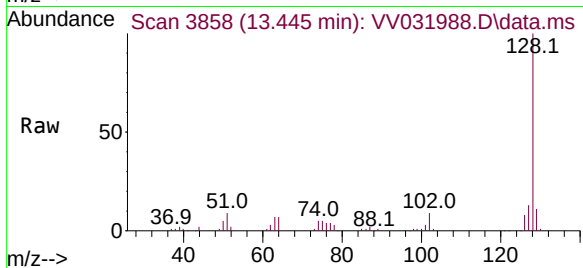
Tgt Ion:128 Resp: 82311

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.3 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 3.965 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. -0.003 min

Lab File: VV031988.D

Acq: 09 Sep 2023 09:22

Tgt Ion:180 Resp: 38856

Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

145 33.8 27.3 40.9

