

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013023\
 Data File : VW029981.D
 Acq On : 30 Jan 2023 10:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 31 02:06:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 19 00:40:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	508042	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.838	117	485450	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	296110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	205202	57.966	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.940%
7) Chloroethane-d5	1.561	69	179773	60.368	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.740%
11) 1,1-Dichloroethene-d2	2.102	63	351705	55.907	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.820%
21) 2-Butanone-d5	3.857	46	248373	120.405	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.400%
24) Chloroform-d	4.330	84	345415	52.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.960%
26) 1,2-Dichloroethane-d4	5.015	65	199710	54.198	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.400%
32) Benzene-d6	5.034	84	727496	56.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.020%
36) 1,2-Dichloropropane-d6	6.053	67	233788	58.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.960%
41) Toluene-d8	7.301	98	650952	54.691	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.380%
43) trans-1,3-Dichloroprop...	7.606	79	103412	58.235	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.480%
47) 2-Hexanone-d5	8.076	63	200526	116.655	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.650%
56) 1,1,2,2-Tetrachloroeth...	10.201	84	330787	53.468	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.940%
66) 1,2-Dichlorobenzene-d4	11.609	152	265767	50.372	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	185285	50.944	ug/L	99
3) Chloromethane	1.237	50	244362	65.996	ug/L	99
5) Vinyl chloride	1.307	62	238984	56.084	ug/L	99
6) Bromomethane	1.513	94	75715	41.863	ug/L	99
8) Chloroethane	1.577	64	148730	54.611	ug/L	97
9) Trichlorofluoromethane	1.748	101	259387	45.131	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	159126	45.009	ug/L	96
12) 1,1-Dichloroethene	2.111	96	156937	46.011	ug/L	86
13) Acetone	2.153	43	213253	85.605	ug/L	96
14) Carbon disulfide	2.288	76	510560	58.645	ug/L	100
15) Methyl Acetate	2.417	43	177066	54.949	ug/L	94
16) Methylene chloride	2.497	84	186291	45.778	ug/L	91
17) trans-1,2-Dichloroethene	2.748	96	170657	47.711	ug/L	93
18) Methyl tert-butyl Ether	2.757	73	505443	45.195	ug/L	98
19) 1,1-Dichloroethane	3.175	63	318282	48.948	ug/L	99
20) cis-1,2-Dichloroethene	3.892	96	184033	45.962	ug/L	94
22) 2-Butanone	3.941	43	264054	102.474	ug/L	96
23) Bromochloromethane	4.230	128	94884	45.273	ug/L	89
25) Chloroform	4.355	83	305456	45.219	ug/L	100

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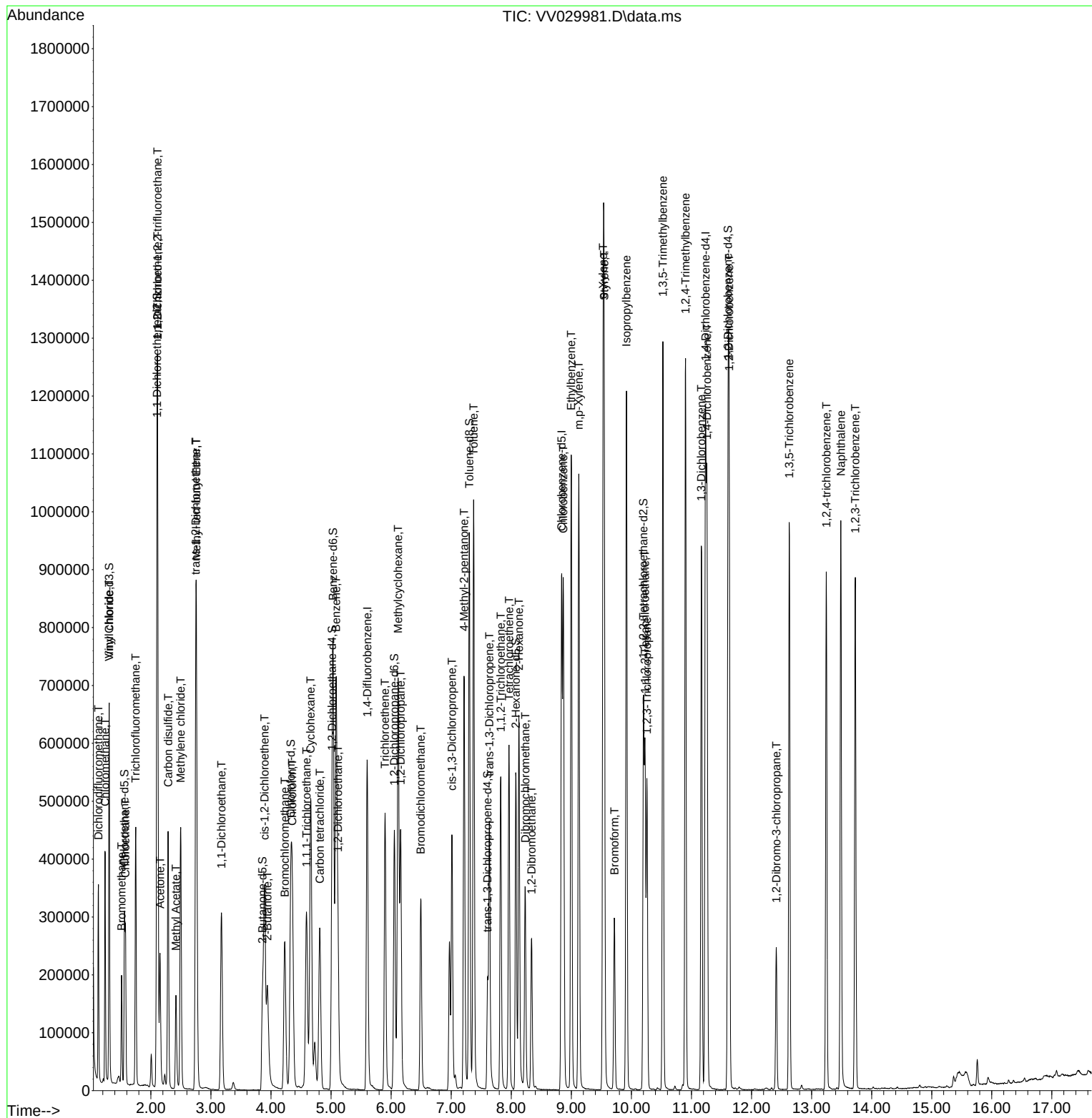
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.114	62	218632	46.876	ug/L	100
29) Cyclohexane	4.661	56	282208	55.414	ug/L	94
30) 1,1,1-Trichloroethane	4.590	97	250749	44.465	ug/L	97
31) Carbon tetrachloride	4.812	117	212142	44.355	ug/L	99
33) Benzene	5.085	78	721379	49.443	ug/L	100
34) Trichloroethene	5.899	95	169873	46.246	ug/L	95
35) Methylcyclohexane	6.117	83	295192	49.747	ug/L	94
37) 1,2-Dichloropropane	6.159	63	188548	49.738	ug/L	99
38) Bromodichloromethane	6.494	83	232236	47.160	ug/L	98
39) cis-1,3-Dichloropropene	7.011	75	275847	51.489	ug/L	99
40) 4-Methyl-2-pentanone	7.214	43	461612	110.051	ug/L	94
42) Toluene	7.375	91	753015	48.336	ug/L	99
44) trans-1,3-Dichloropropene	7.635	75	262448	52.366	ug/L	99
45) 1,1,2-Trichloroethane	7.825	97	172441	44.970	ug/L	98
46) Tetrachloroethene	7.963	164	135286	44.648	ug/L	99
48) 2-Hexanone	8.127	43	390782	113.596	ug/L	93
49) Dibromochloromethane	8.233	129	179445	44.959	ug/L	98
50) 1,2-Dibromoethane	8.336	107	176704	46.017	ug/L	100
51) Chlorobenzene	8.867	112	472367	44.123	ug/L	98
52) Ethylbenzene	8.998	91	775669	45.556	ug/L	100
53) m,p-Xylene	9.124	106	302830	44.790	ug/L	99
54) o-Xylene	9.529	106	294011	44.915	ug/L	96
55) Styrene	9.548	104	536894	45.479	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.227	83	295410	45.872	ug/L	99
59) Bromoform	9.719	173	131471	44.766	ug/L	99
60) Isopropylbenzene	9.918	105	774416	43.842	ug/L	100
61) 1,2,3-Trichloropropane	10.259	75	220805	45.788	ug/L	97
62) 1,3,5-Trimethylbenzene	10.526	105	661823	44.624	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	669333	45.280	ug/L	100
64) 1,3-Dichlorobenzene	11.165	146	388618	43.548	ug/L	100
65) 1,4-Dichlorobenzene	11.259	146	398524	43.105	ug/L	99
67) 1,2-Dichlorobenzene	11.628	146	394900	43.957	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	60721	47.122	ug/L	97
69) 1,3,5-Trichlorobenzene	12.628	180	305741	44.008	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	274578	44.777	ug/L	99
71) Naphthalene	13.487	128	773794	46.918	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	270032	45.186	ug/L	99

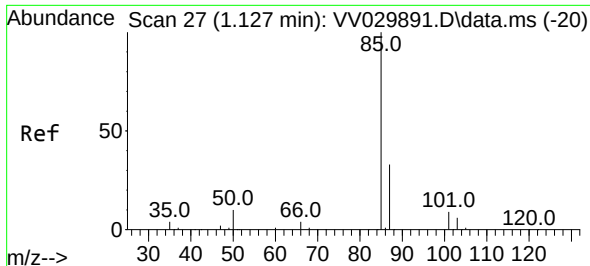
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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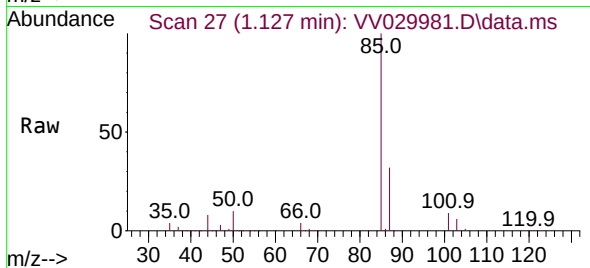
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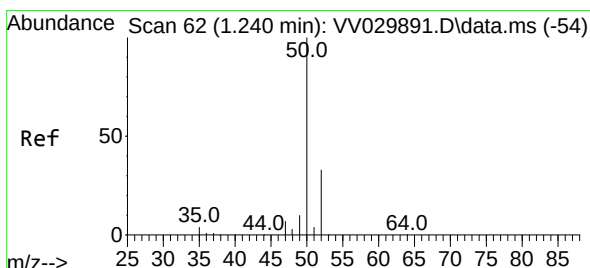
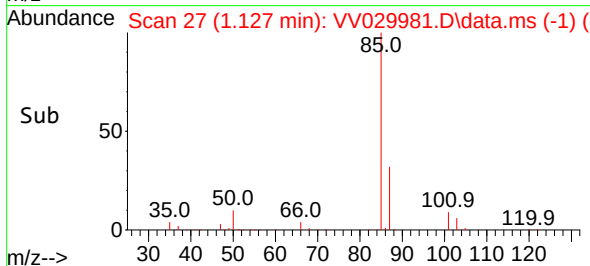
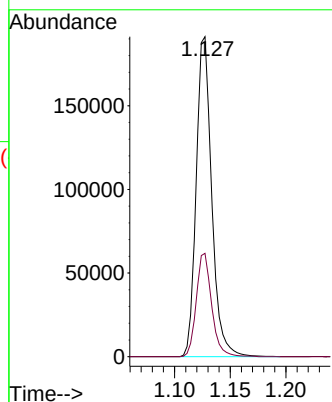


#2
 Dichlorodifluoromethane
 Concen: 50.944 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029981.D
 Acq: 30 Jan 2023 10:10

Instrument :
 MSVOA_V
 ClientSampleId :

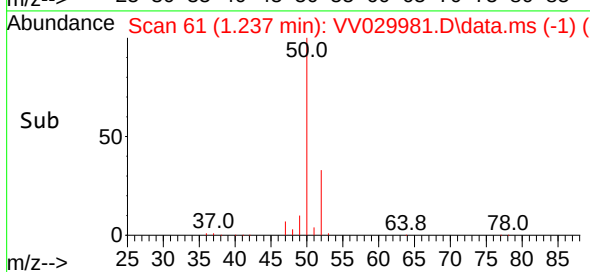
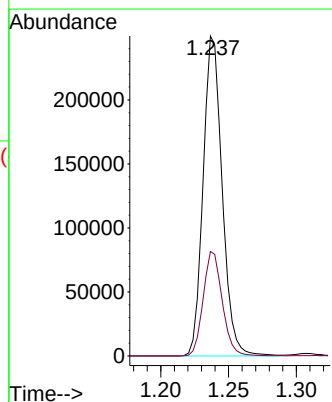
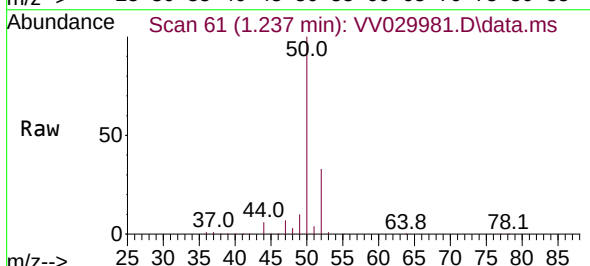


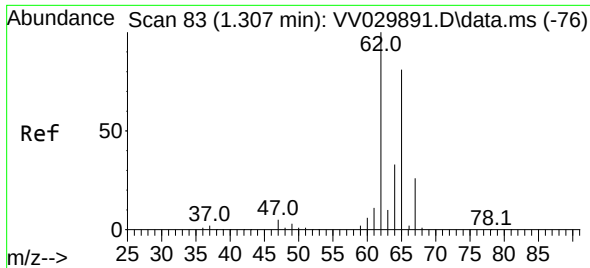
Tgt Ion: 85 Resp: 185285
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.2 39.4



#3
 Chloromethane
 Concen: 65.996 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV029981.D
 Acq: 30 Jan 2023 10:10

Tgt Ion: 50 Resp: 244362
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.4 43.4

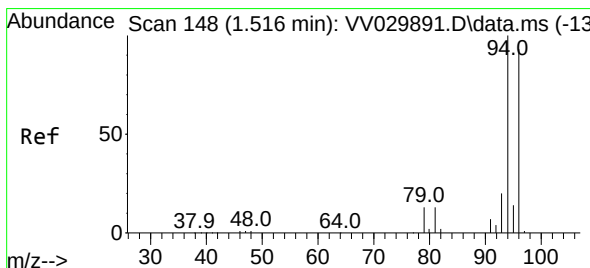
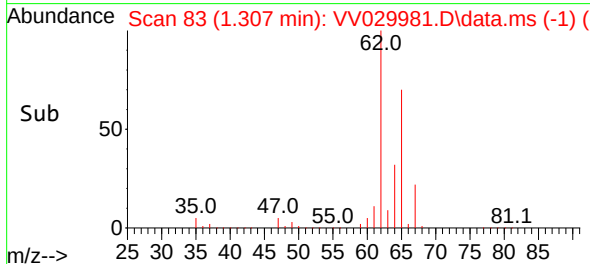
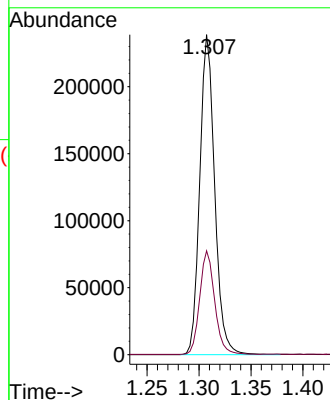
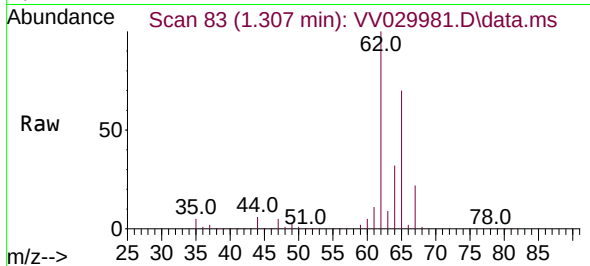




#5
 Vinyl chloride
 Concen: 56.084 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029981.D
 Acq: 30 Jan 2023 10:10

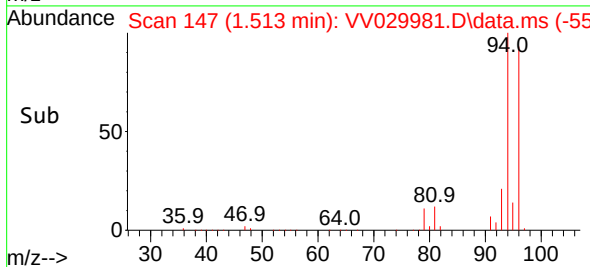
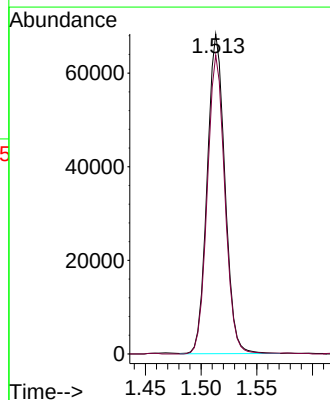
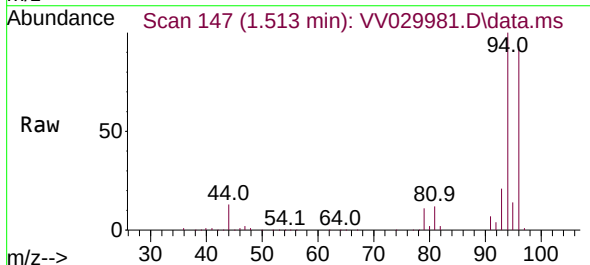
Instrument :
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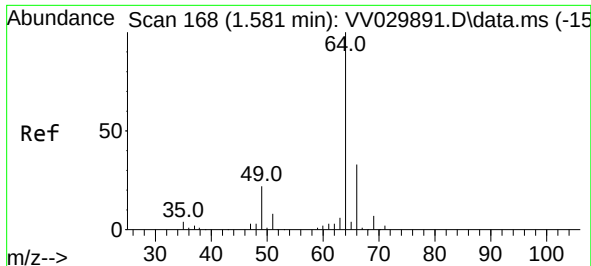
Tgt Ion: 62 Resp: 238984
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.0 42.8



#6
 Bromomethane
 Concen: 41.863 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.003 min
 Lab File: VV029981.D
 Acq: 30 Jan 2023 10:10

Tgt Ion: 94 Resp: 75715
 Ion Ratio Lower Upper
 94 100
 96 93.4 64.8 120.4

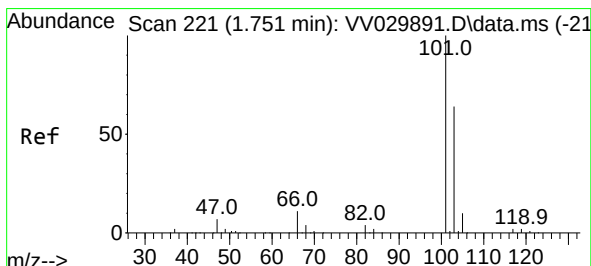
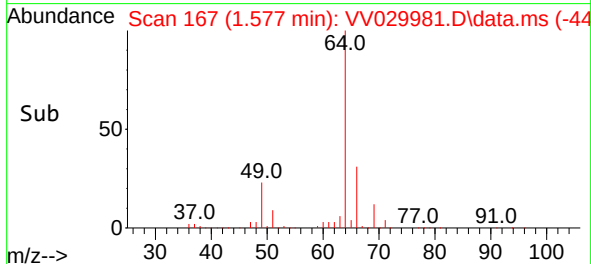
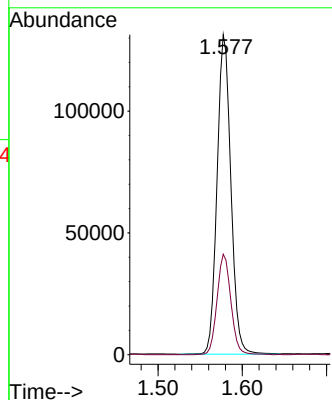
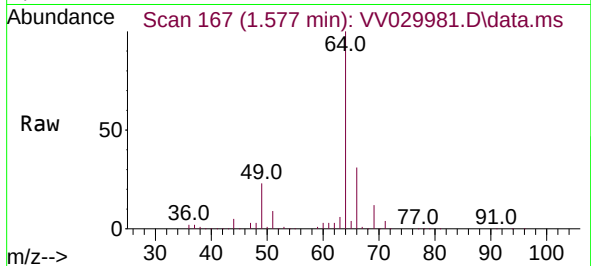




#8
Chloroethane
Concen: 54.611 ug/L
RT: 1.577 min Scan# 11
Delta R.T. -0.004 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

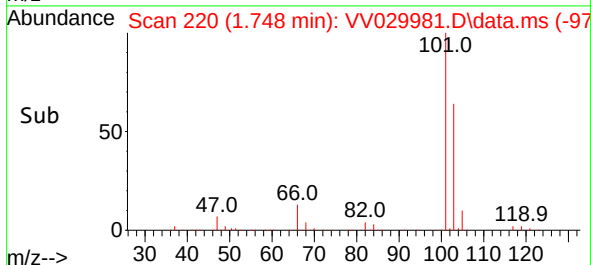
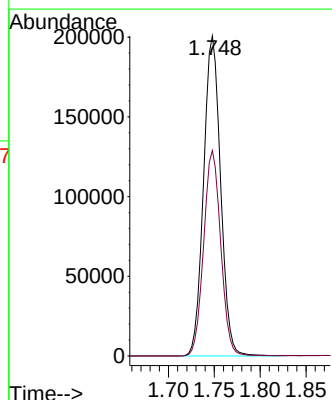
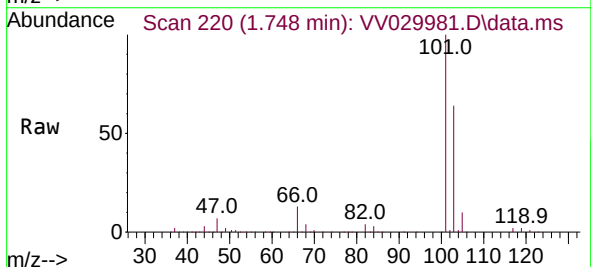
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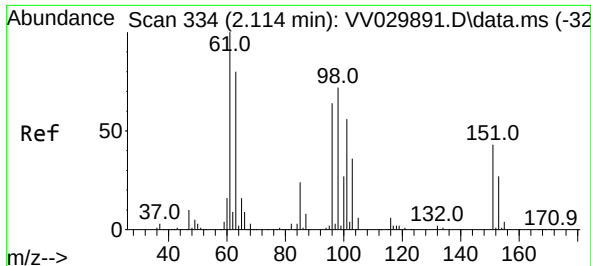
Tgt Ion: 64 Resp: 148730
Ion Ratio Lower Upper
64 100
66 31.4 23.1 42.9



#9
Trichlorofluoromethane
Concen: 45.131 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

Tgt Ion:101 Resp: 259387
Ion Ratio Lower Upper
101 100
103 64.2 51.3 76.9

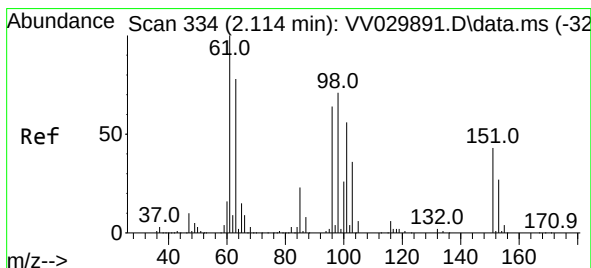
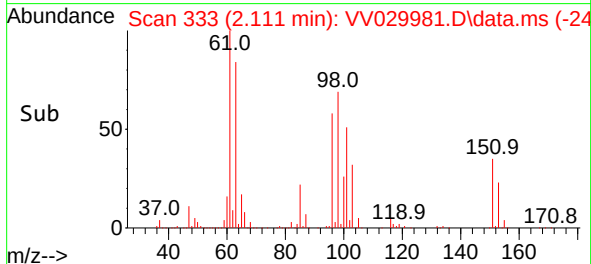
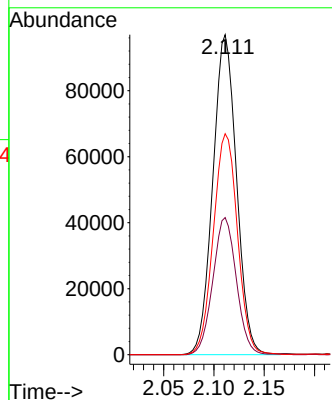
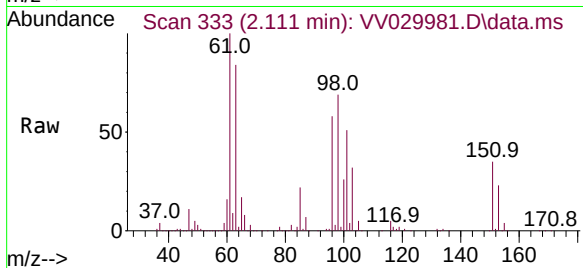




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.009 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV029981.D
 Acq: 30 Jan 2023 10:10

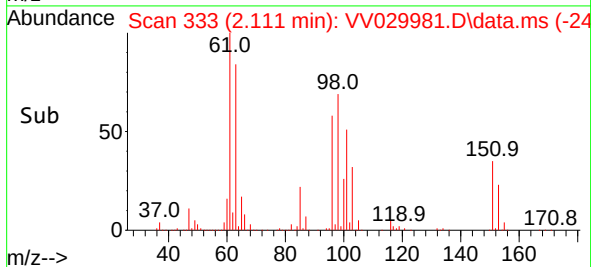
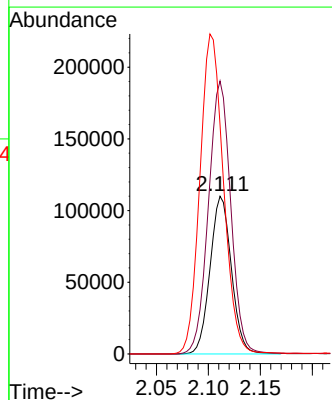
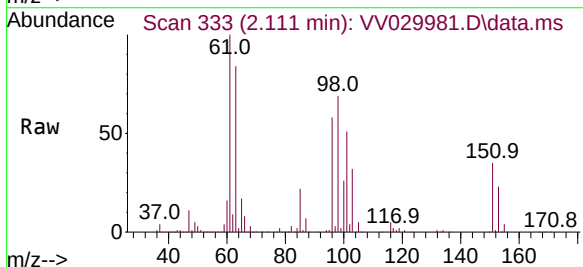
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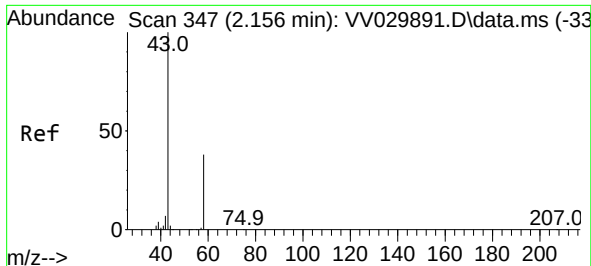
Tgt Ion:101 Resp: 159126
 Ion Ratio Lower Upper
 101 100
 85 42.5 33.7 50.5
 151 70.5 61.0 91.4



#12
 1,1-Dichloroethene
 Concen: 46.011 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV029981.D
 Acq: 30 Jan 2023 10:10

Tgt Ion: 96 Resp: 156937
 Ion Ratio Lower Upper
 96 100
 61 173.0 110.2 204.6
 63 145.2 88.6 164.6





#13

Acetone

Concen: 85.605 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

Instrument :

MSVOA_V

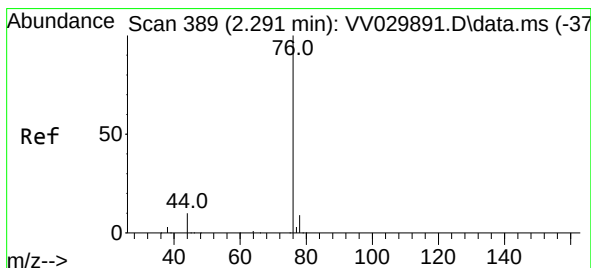
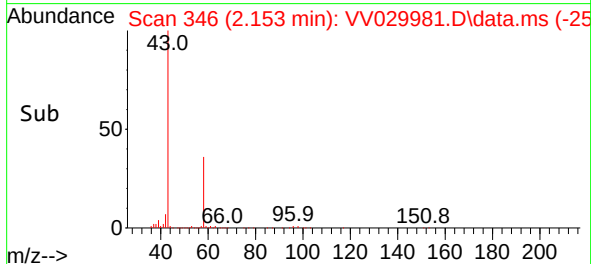
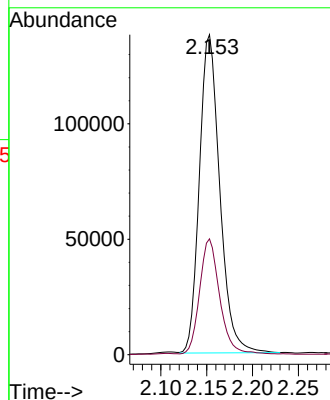
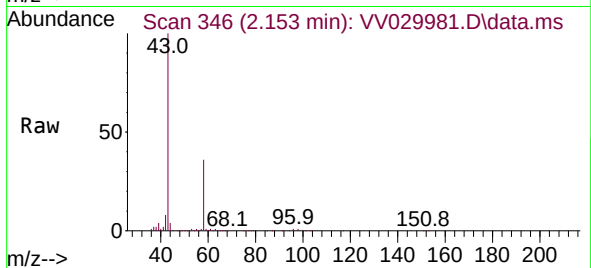
ClientSampleId :

Tgt Ion: 43 Resp: 213253

Ion Ratio Lower Upper

43 100

58 35.5 0.0 76.0



#14

Carbon disulfide

Concen: 58.645 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV029981.D

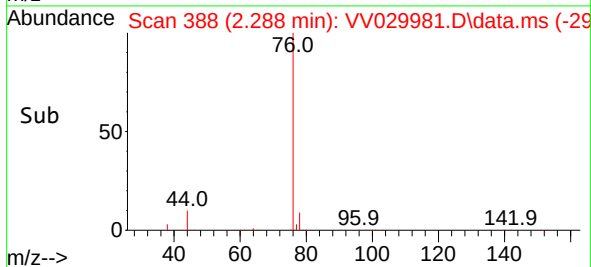
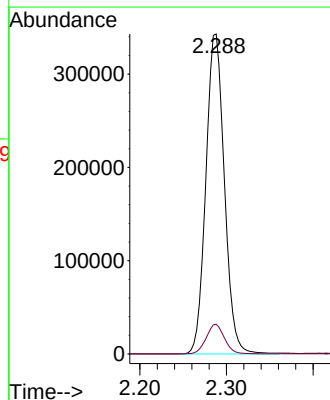
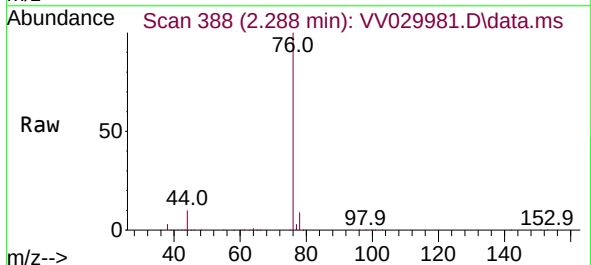
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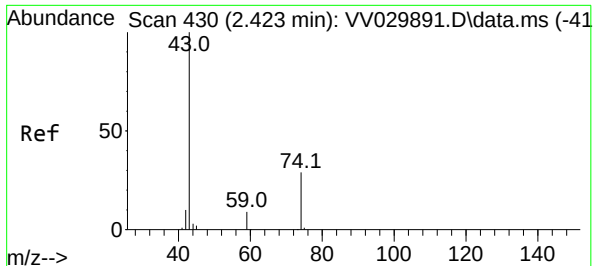
Tgt Ion: 76 Resp: 510560

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

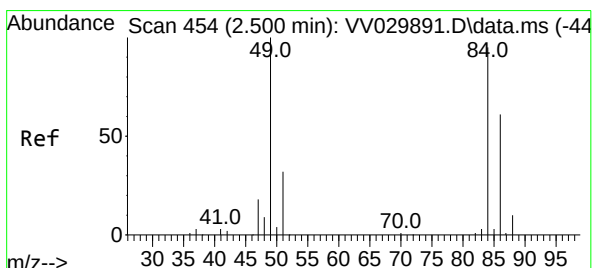
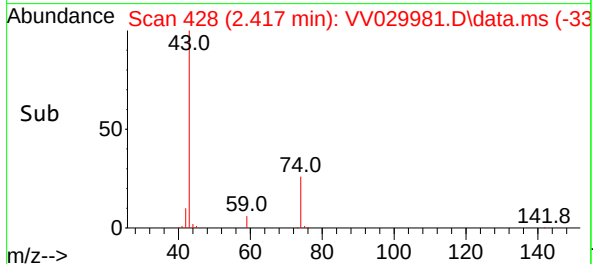
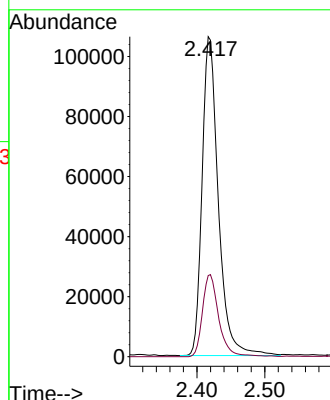
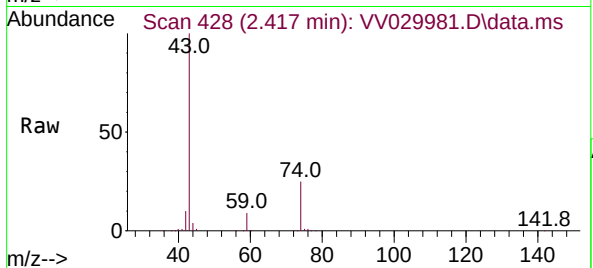




#15
Methyl Acetate
Concen: 54.949 ug/L
RT: 2.417 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

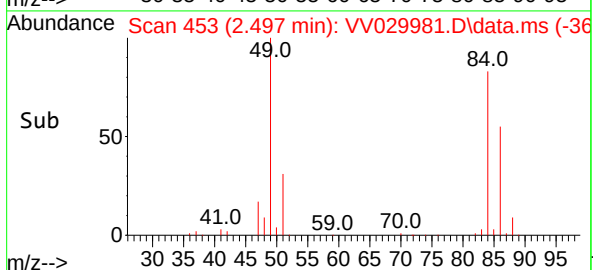
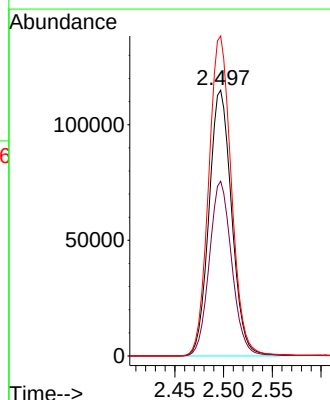
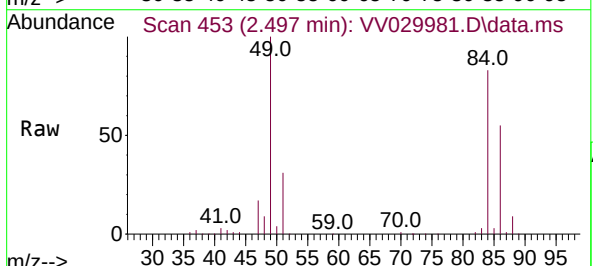
Instrument :
MSVOA_V
ClientSampleId :

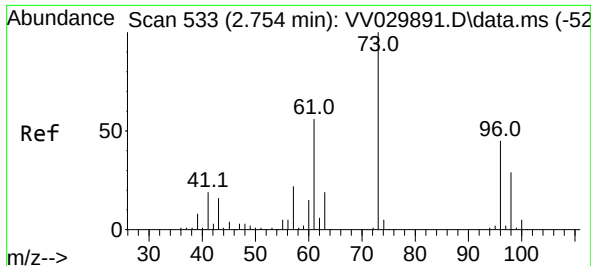
Tgt Ion: 43 Resp: 177066
Ion Ratio Lower Upper
43 100
74 25.7 23.3 34.9



#16
Methylene chloride
Concen: 45.778 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

Tgt Ion: 84 Resp: 186291
Ion Ratio Lower Upper
84 100
86 65.7 45.3 84.1
49 120.4 74.1 137.5

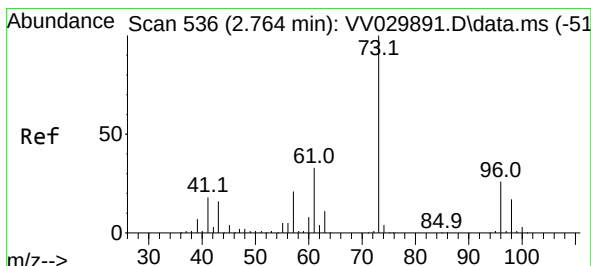
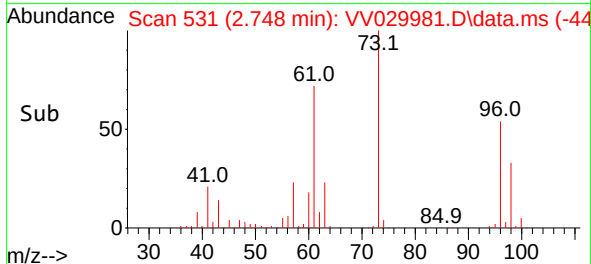
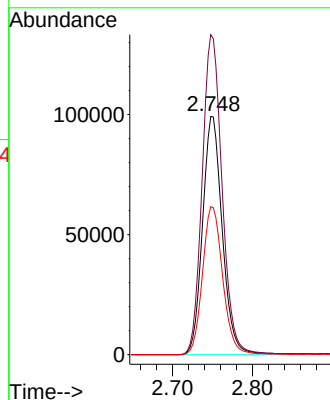
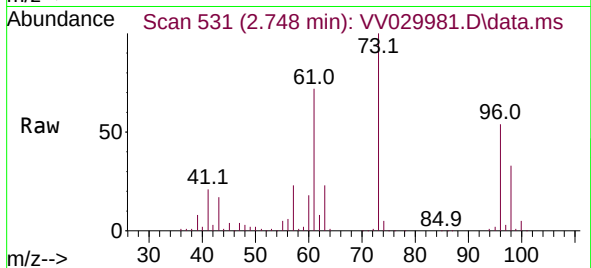




#17
trans-1,2-Dichloroethene
Concen: 47.711 ug/L
RT: 2.748 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

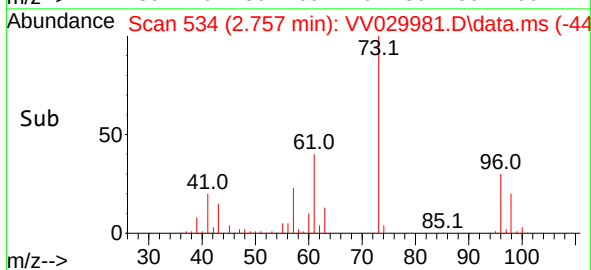
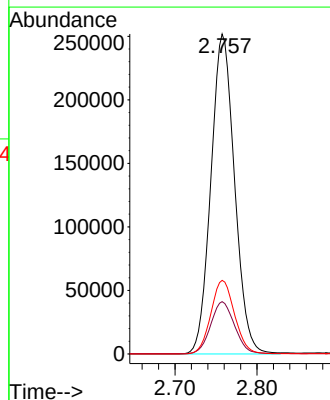
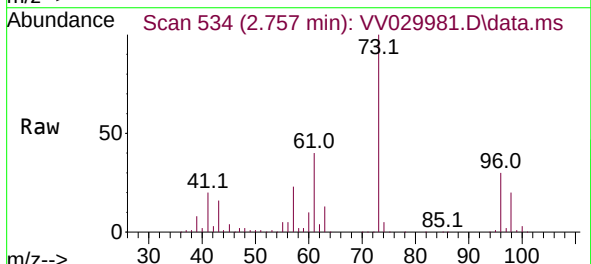
Instrument :
MSVOA_V
ClientSampleId :

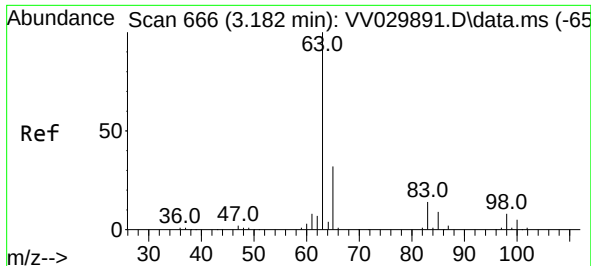
Tgt Ion: 96 Resp: 170657
Ion Ratio Lower Upper
96 100
61 134.3 86.9 161.5
98 62.1 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 45.195 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.007 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

Tgt Ion: 73 Resp: 505443
Ion Ratio Lower Upper
73 100
43 16.3 12.8 19.2
57 23.1 17.1 25.7





#19

1,1-Dichloroethane

Concen: 48.948 ug/L

RT: 3.175 min Scan# 6

Delta R.T. -0.007 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

Instrument :

MSVOA_V

ClientSampleId :

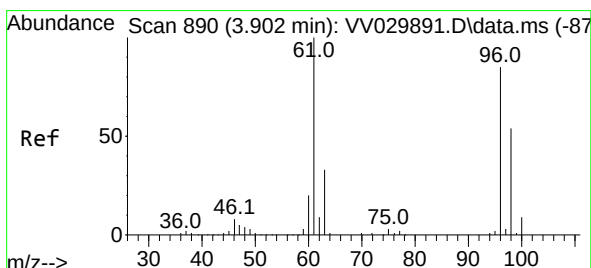
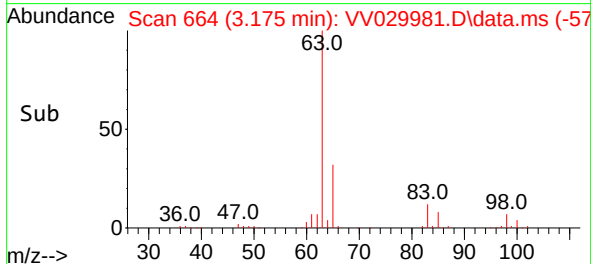
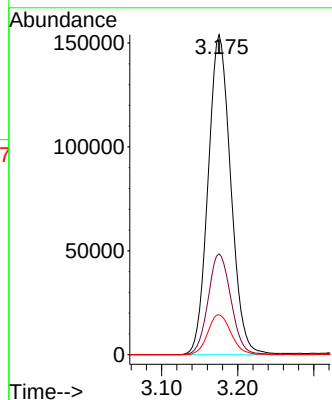
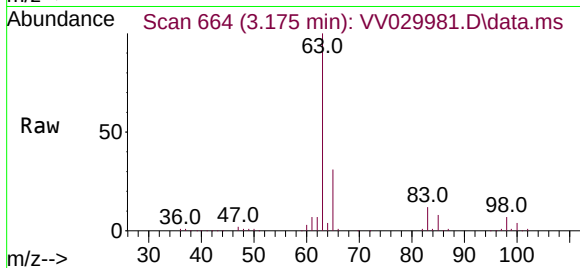
Tgt Ion: 63 Resp: 318282

Ion Ratio Lower Upper

63 100

65 31.5 22.3 41.3

83 12.5 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 45.962 ug/L

RT: 3.892 min Scan# 887

Delta R.T. -0.010 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

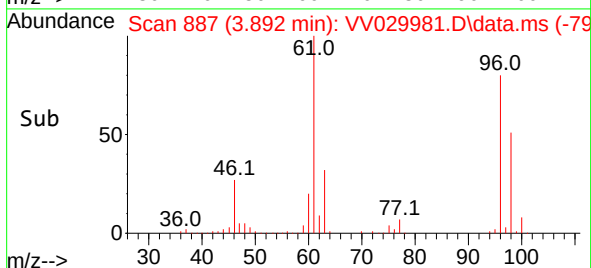
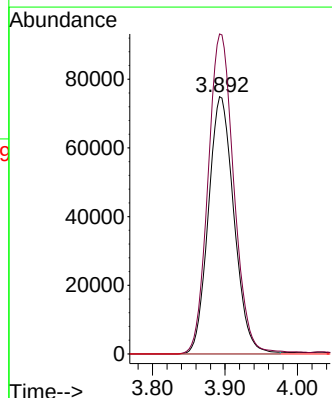
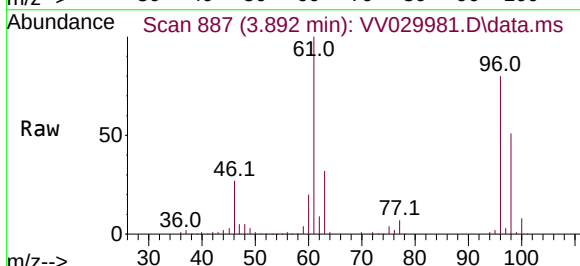
Tgt Ion: 96 Resp: 184033

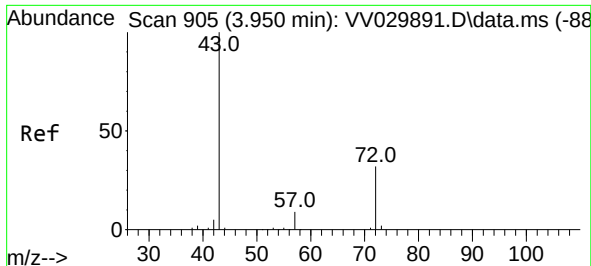
Ion Ratio Lower Upper

96 100

61 124.4 82.5 153.3

68 0.0 0.0 0.0

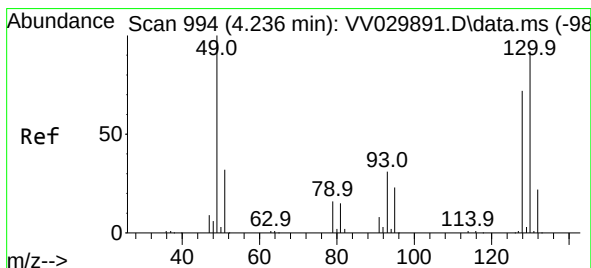
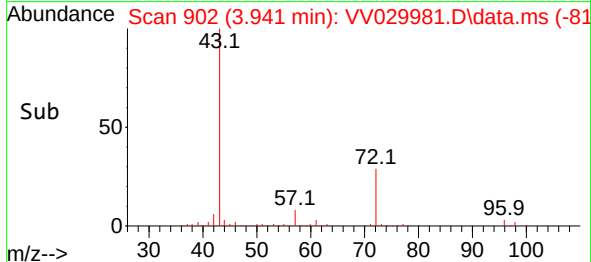
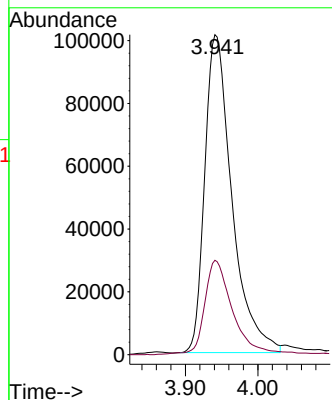
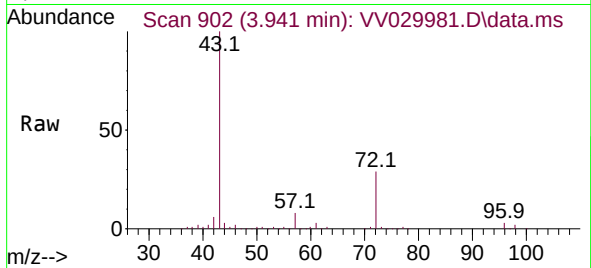




#22
2-Butanone
Concen: 102.474 ug/L
RT: 3.941 min Scan# 905
Delta R.T. -0.009 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

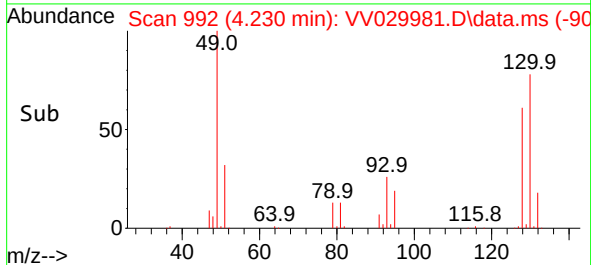
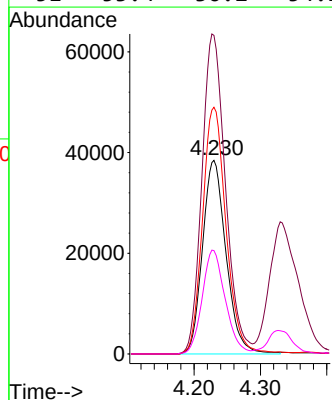
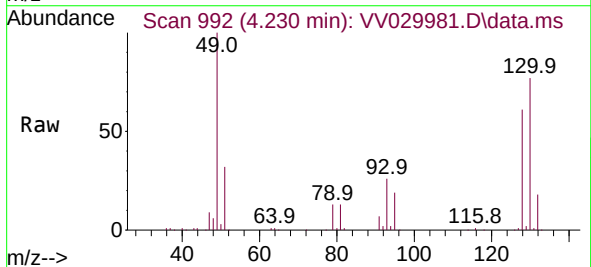
Instrument :
MSVOA_V
ClientSampleId :

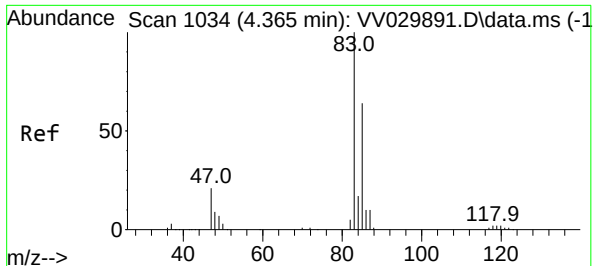
Tgt Ion: 43 Resp: 264054
Ion Ratio Lower Upper
43 100
72 28.8 15.4 46.4



#23
Bromochloromethane
Concen: 45.273 ug/L
RT: 4.230 min Scan# 992
Delta R.T. -0.006 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

Tgt Ion:128 Resp: 94884
Ion Ratio Lower Upper
128 100
49 164.5 97.3 180.7
130 127.4 89.7 166.5
51 53.4 36.2 54.2





#25

Chloroform

Concen: 45.219 ug/L

RT: 4.355 min Scan# 1034

Delta R.T. -0.010 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

Instrument :

MSVOA_V

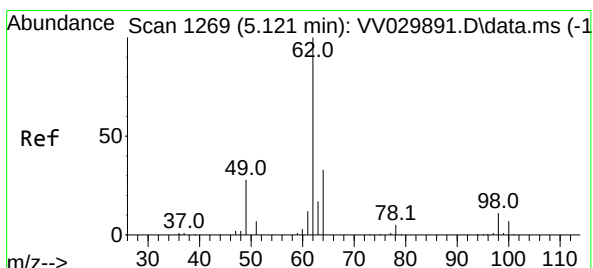
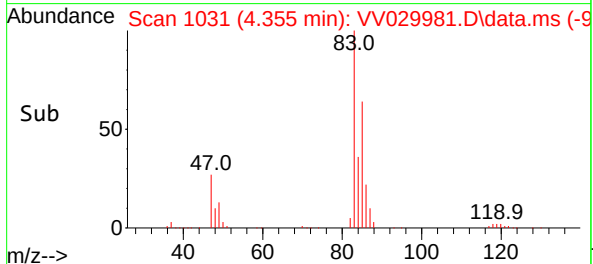
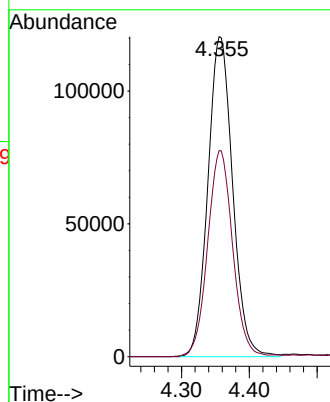
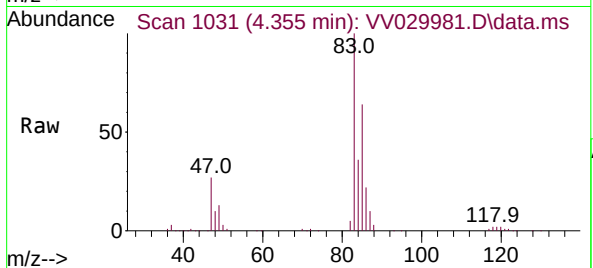
ClientSampleId :

Tgt Ion: 83 Resp: 305456

Ion Ratio Lower Upper

83 100

85 64.4 44.8 83.2



#27

1,2-Dichloroethane

Concen: 46.876 ug/L

RT: 5.114 min Scan# 1267

Delta R.T. -0.007 min

Lab File: VV029981.D

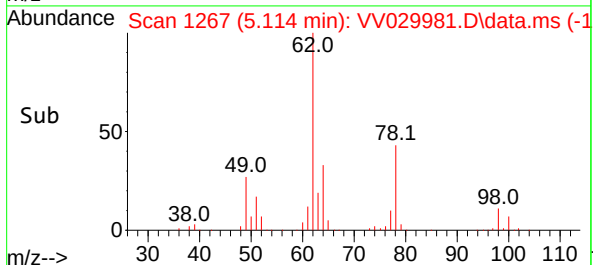
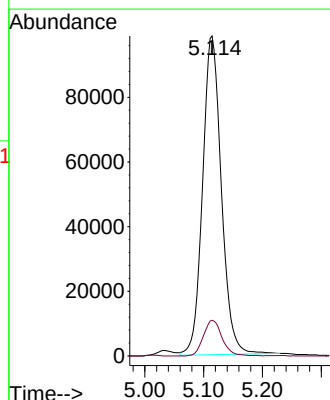
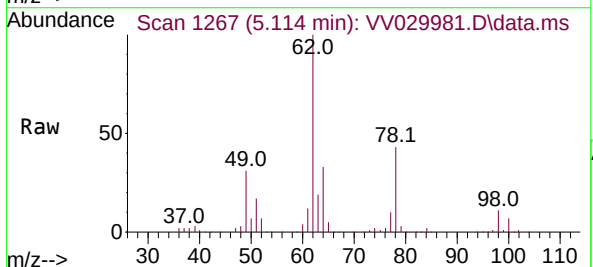
Acq: 30 Jan 2023 10:10

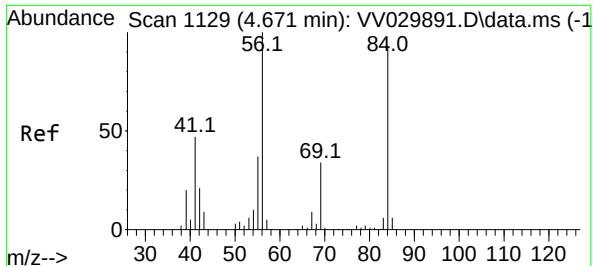
Tgt Ion: 62 Resp: 218632

Ion Ratio Lower Upper

62 100

98 11.1 9.0 13.4





#29

Cyclohexane

Concen: 55.414 ug/L

RT: 4.661 min Scan# 1126

Delta R.T. -0.010 min

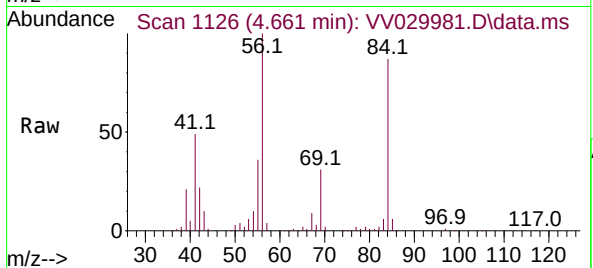
Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

Instrument :

MSVOA_V

ClientSampleId :



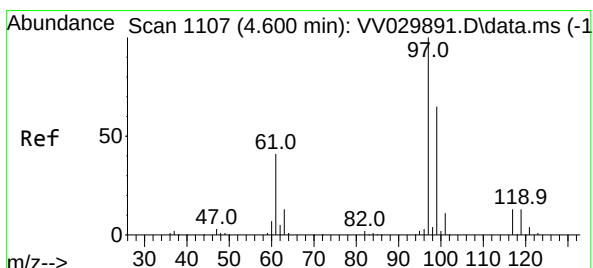
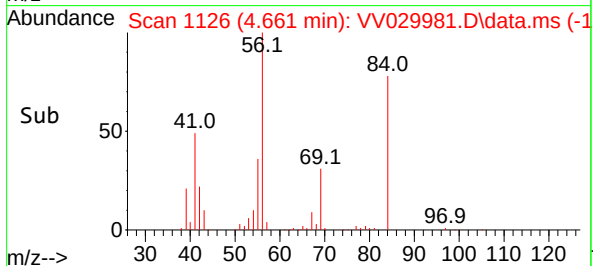
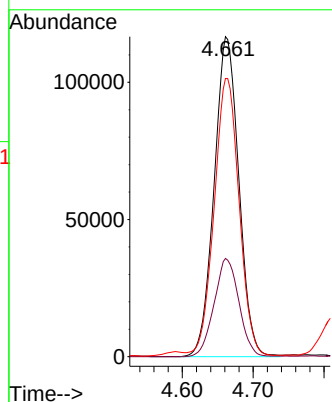
Tgt Ion: 56 Resp: 282208

Ion Ratio Lower Upper

56 100

69 31.0 26.2 39.4

84 87.2 74.7 112.1



#30

1,1,1-Trichloroethane

Concen: 44.465 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.010 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

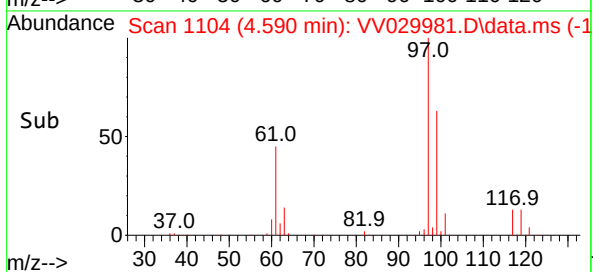
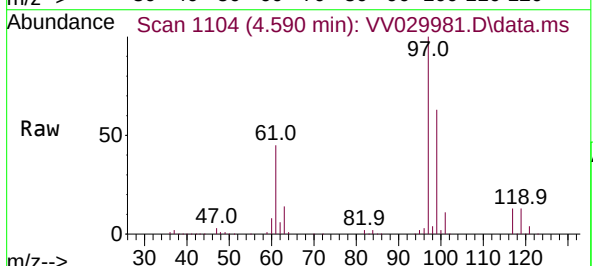
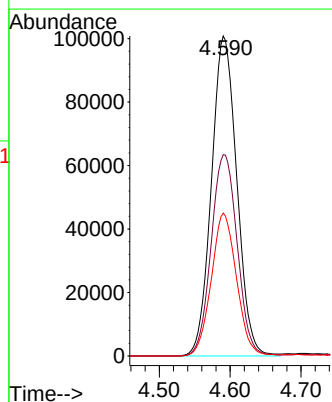
Tgt Ion: 97 Resp: 250749

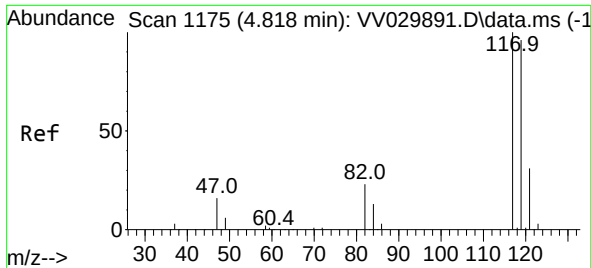
Ion Ratio Lower Upper

97 100

99 64.7 51.9 77.9

61 44.3 32.2 48.2

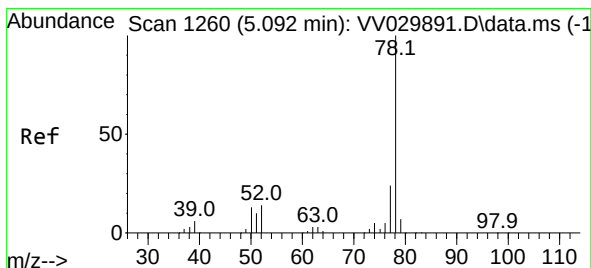
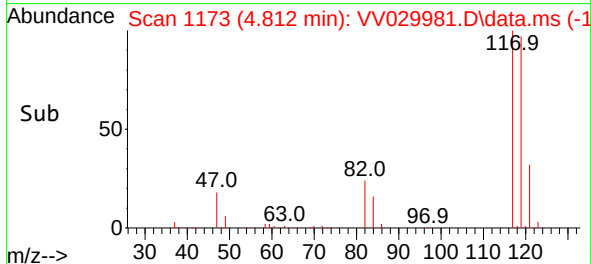
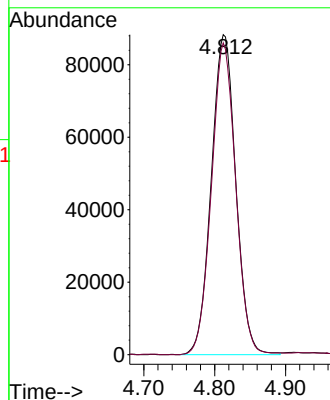
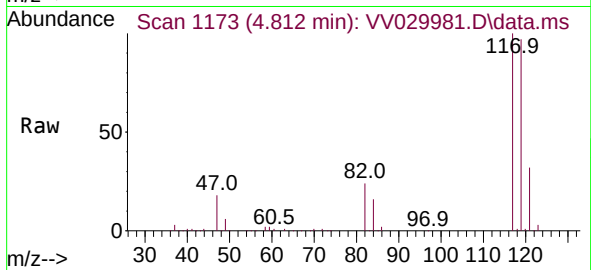




#31
Carbon tetrachloride
Concen: 44.355 ug/L
RT: 4.812 min Scan# 1175
Delta R.T. -0.006 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

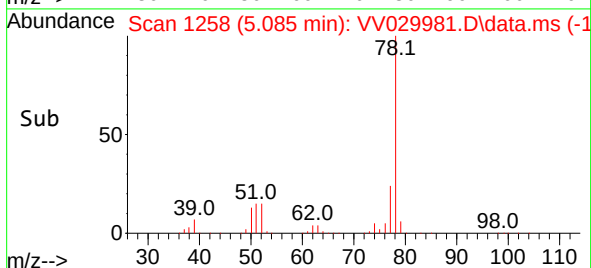
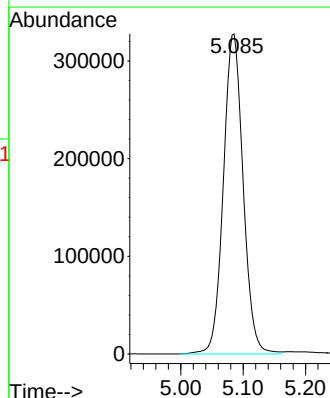
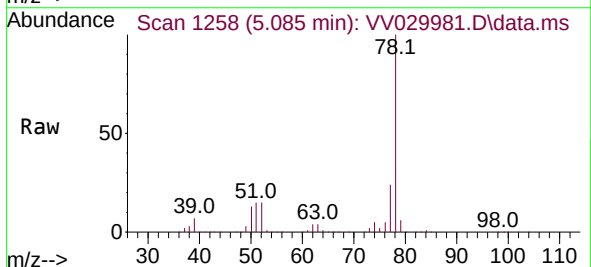
Instrument :
MSVOA_V
ClientSampleId :

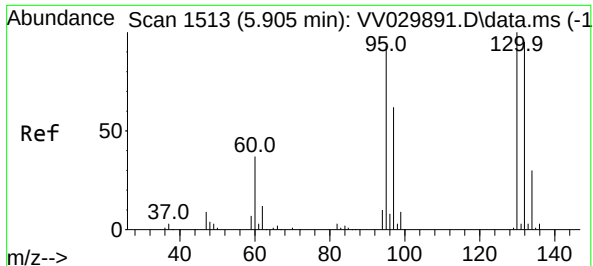
Tgt Ion:117 Resp: 212142
Ion Ratio Lower Upper
117 100
119 96.0 77.9 116.9



#33
Benzene
Concen: 49.443 ug/L
RT: 5.085 min Scan# 1258
Delta R.T. -0.007 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

Tgt Ion: 78 Resp: 721379





#34

Trichloroethene

Concen: 46.246 ug/L

RT: 5.899 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 169873

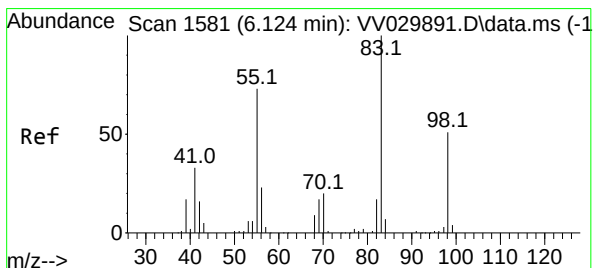
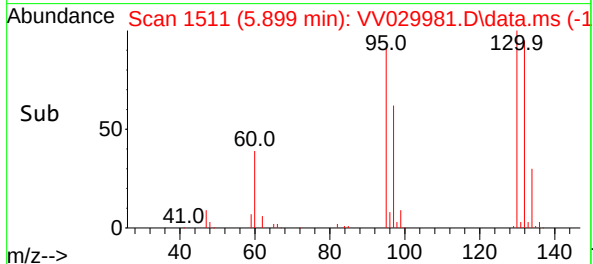
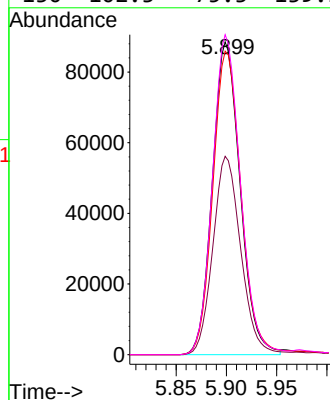
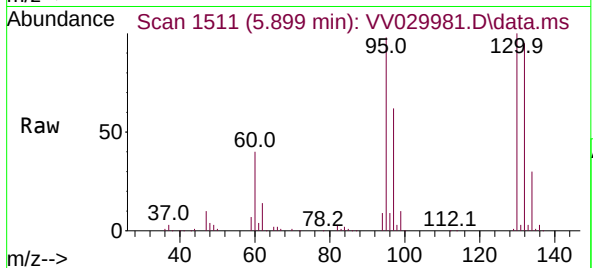
Ion Ratio Lower Upper

95 100

97 63.4 46.5 86.5

132 97.0 71.8 133.4

130 102.3 75.3 139.9



#35

Methylcyclohexane

Concen: 49.747 ug/L

RT: 6.117 min Scan# 1579

Delta R.T. -0.007 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

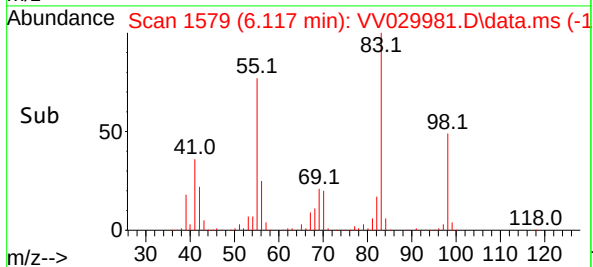
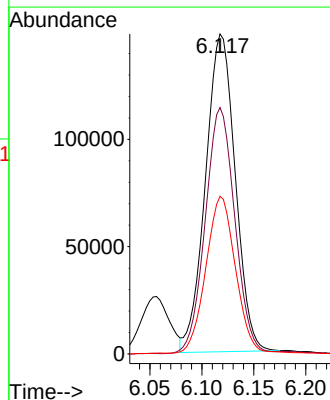
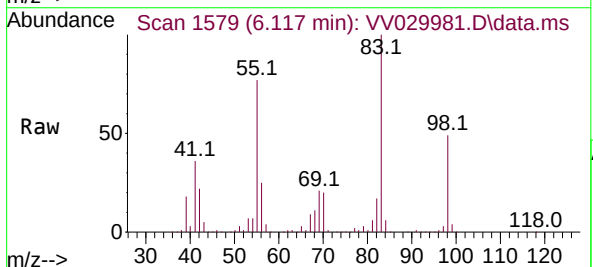
Tgt Ion: 83 Resp: 295192

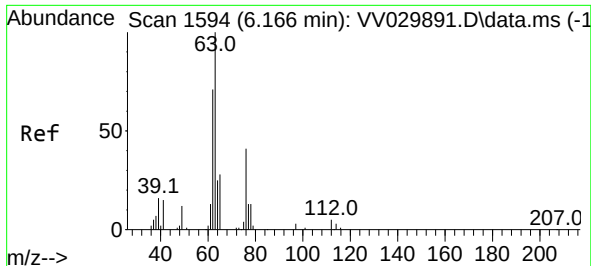
Ion Ratio Lower Upper

83 100

55 77.0 56.2 84.2

98 49.3 38.5 57.7





#37

1,2-Dichloropropane

Concen: 49.738 ug/L

RT: 6.159 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

Instrument :

MSVOA_V

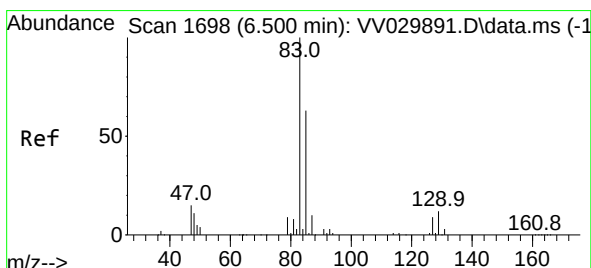
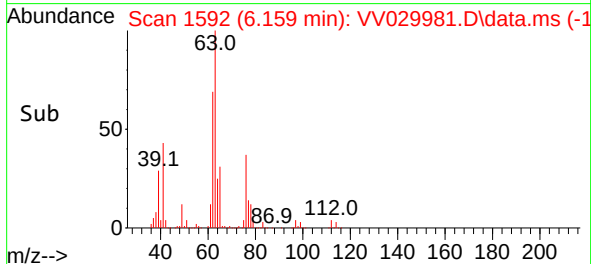
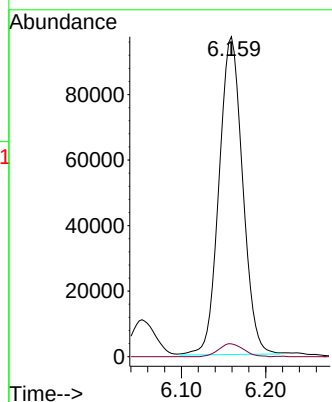
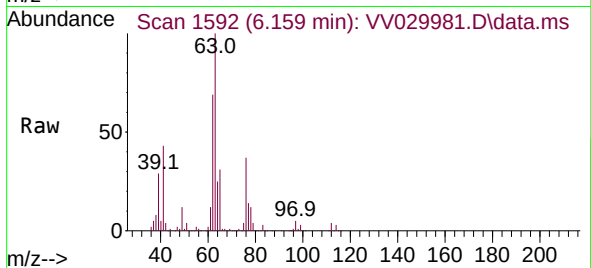
ClientSampleId :

Tgt Ion: 63 Resp: 188548

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 47.160 ug/L

RT: 6.494 min Scan# 1696

Delta R.T. -0.006 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

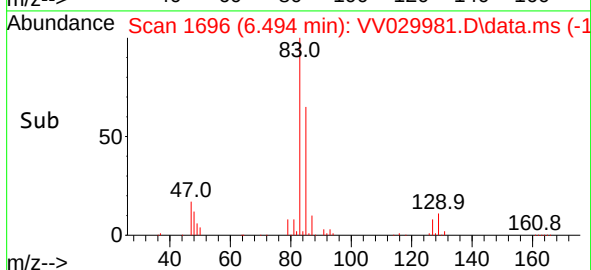
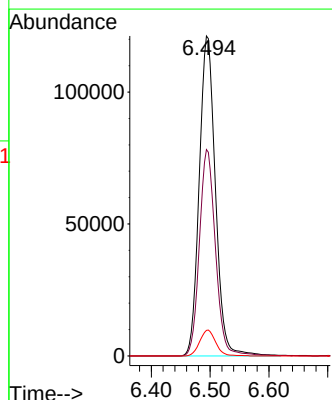
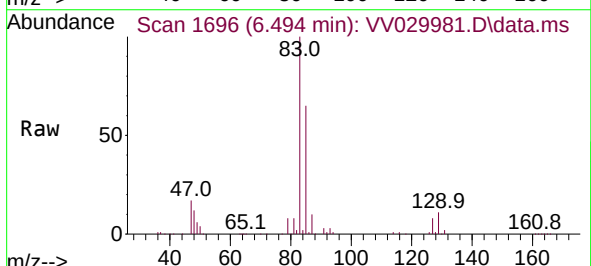
Tgt Ion: 83 Resp: 232236

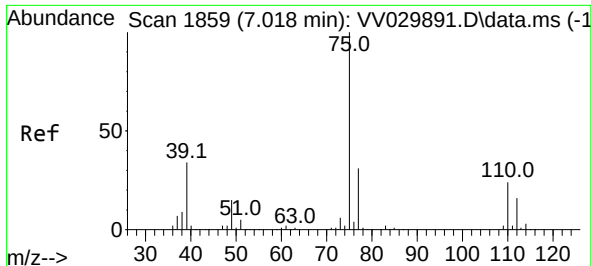
Ion Ratio Lower Upper

83 100

85 64.5 44.2 82.0

127 8.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 51.489 ug/L

RT: 7.011 min Scan# 1859

Delta R.T. -0.007 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

Instrument :

MSVOA_V

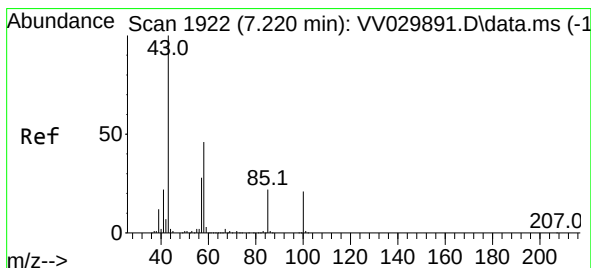
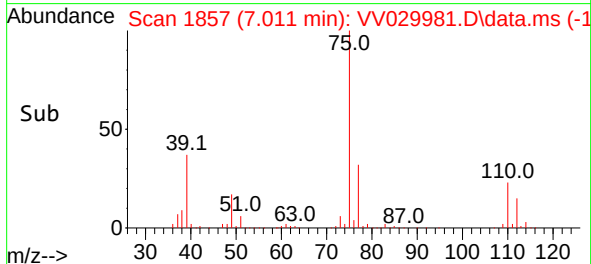
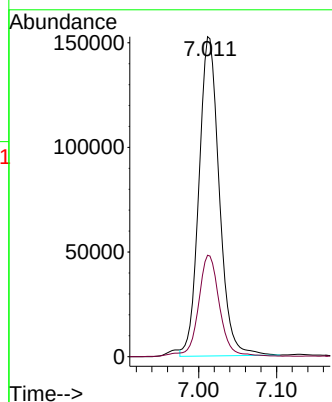
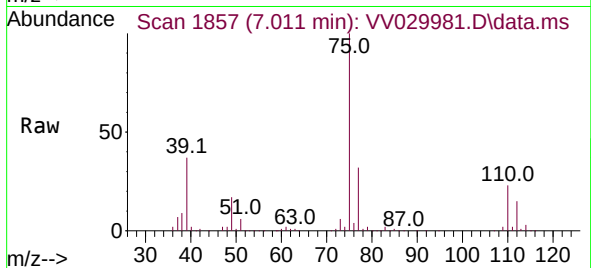
ClientSampleId :

Tgt Ion: 75 Resp: 275847

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 110.051 ug/L

RT: 7.214 min Scan# 1920

Delta R.T. -0.006 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

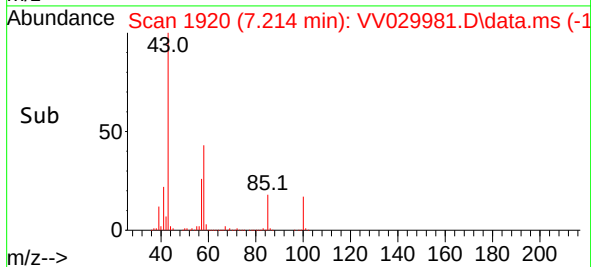
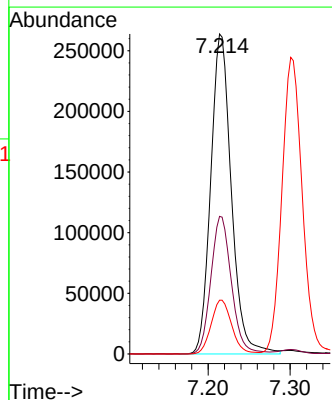
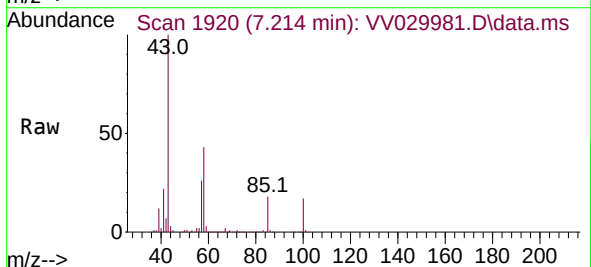
Tgt Ion: 43 Resp: 461612

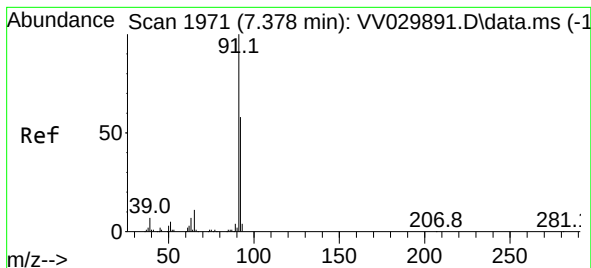
Ion Ratio Lower Upper

43 100

58 42.9 37.0 55.6

100 16.8 16.2 24.2





#42

Toluene

Concen: 48.336 ug/L

RT: 7.375 min Scan# 1971

Delta R.T. -0.003 min

Lab File: VV029891.D

Acq: 30 Jan 2023 10:10

Instrument :

MSVOA_V

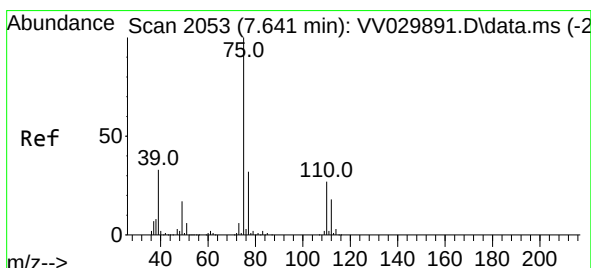
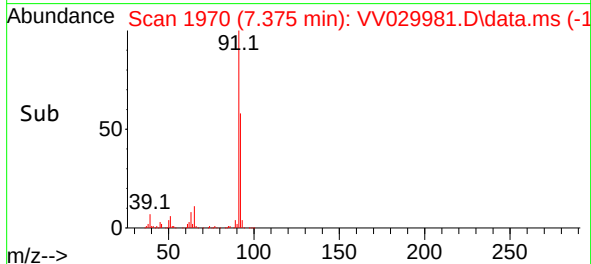
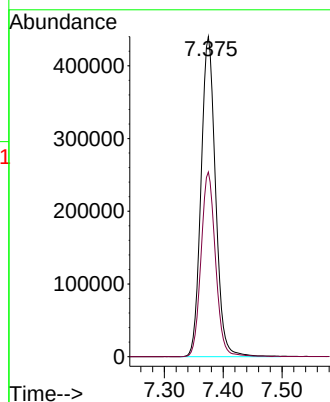
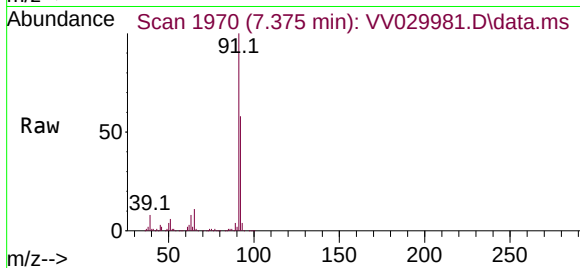
ClientSampleId :

Tgt Ion: 91 Resp: 753015

Ion Ratio Lower Upper

91 100

92 57.7 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 52.366 ug/L

RT: 7.635 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VV029891.D

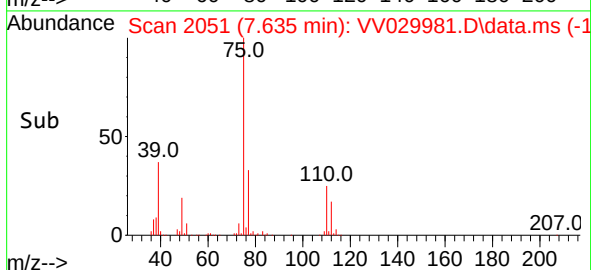
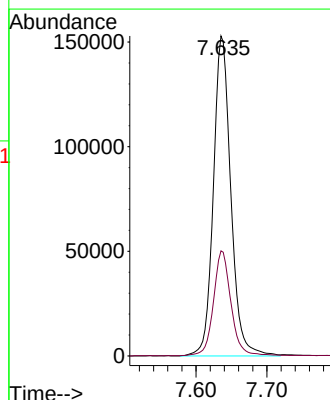
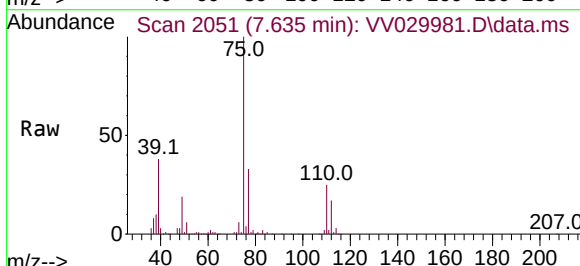
Acq: 30 Jan 2023 10:10

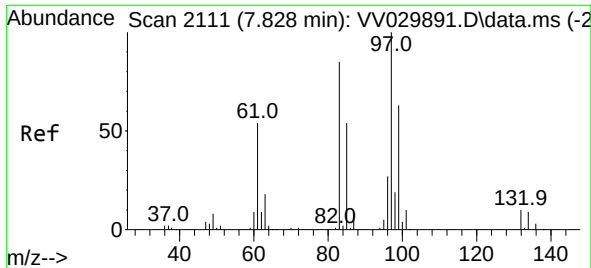
Tgt Ion: 75 Resp: 262448

Ion Ratio Lower Upper

75 100

77 32.8 22.4 41.6



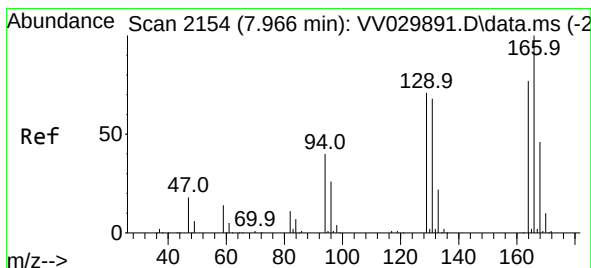
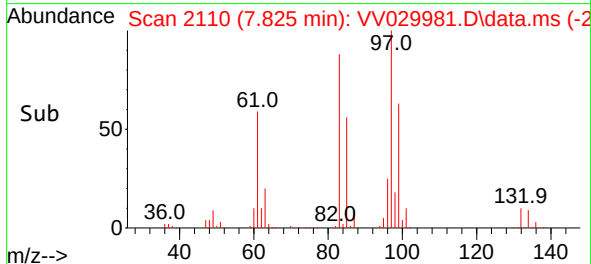
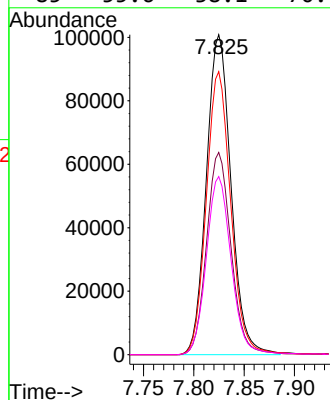
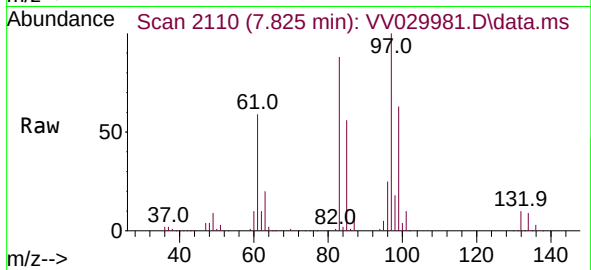


#45
1,1,2-Trichloroethane
Concen: 44.970 ug/L
RT: 7.825 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 172441

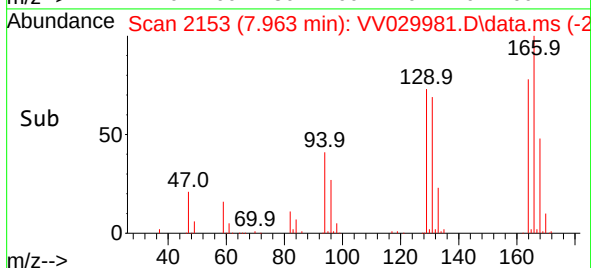
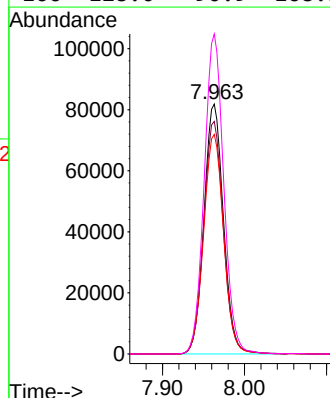
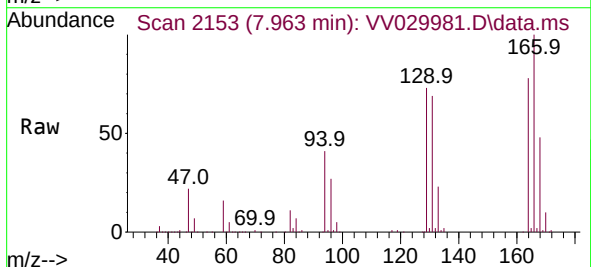
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.9	81.5
83	88.5	59.5	110.5
85	55.6	38.1	70.7

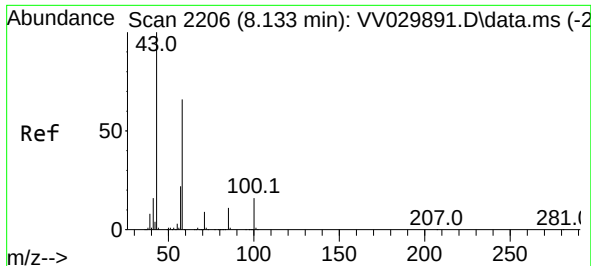


#46
Tetrachloroethene
Concen: 44.648 ug/L
RT: 7.963 min Scan# 2153
Delta R.T. -0.003 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

Tgt Ion: 164 Resp: 135286

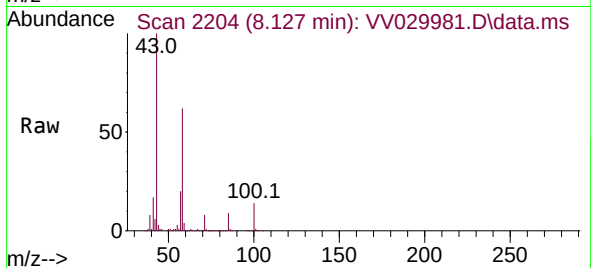
Ion	Ratio	Lower	Upper
164	100		
129	93.0	64.6	120.0
131	87.9	61.8	114.8
166	128.0	90.9	168.9



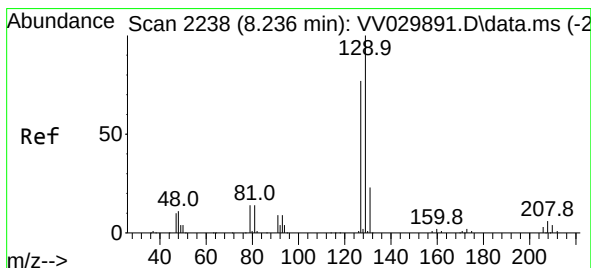
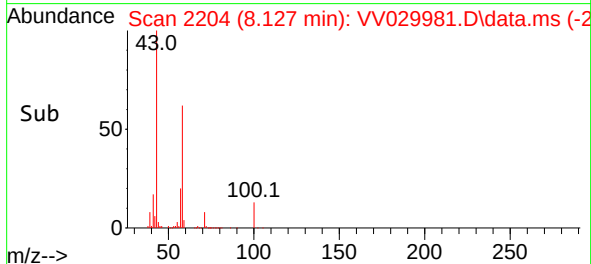
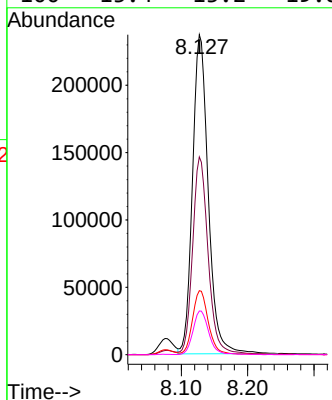


#48
2-Hexanone
Concen: 113.596 ug/L
RT: 8.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

Instrument :
MSVOA_V
ClientSampleId :

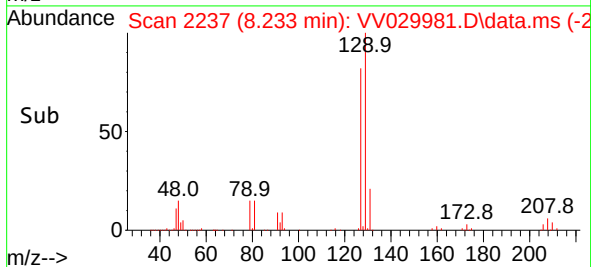
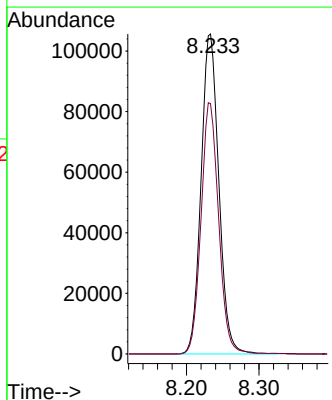
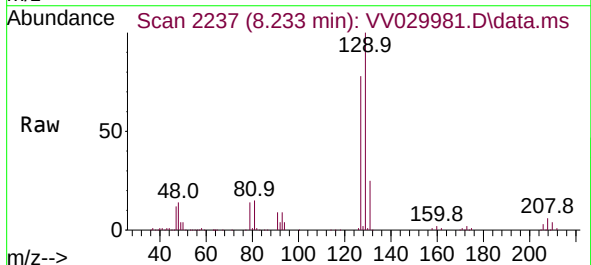


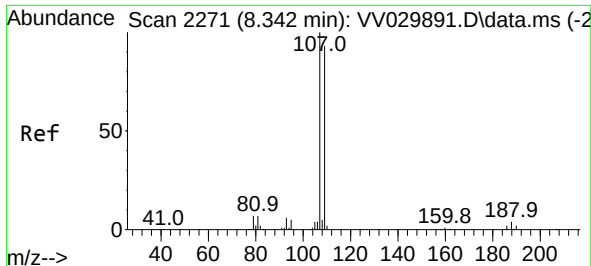
Tgt Ion: 43 Resp: 390782
Ion Ratio Lower Upper
43 100
58 60.5 53.2 79.8
57 19.7 17.6 26.4
100 13.4 13.2 19.8



#49
Dibromochloromethane
Concen: 44.959 ug/L
RT: 8.233 min Scan# 2237
Delta R.T. -0.003 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

Tgt Ion: 129 Resp: 179445
Ion Ratio Lower Upper
129 100
127 78.3 53.5 99.5





#50

1,2-Dibromoethane

Concen: 46.017 ug/L

RT: 8.336 min Scan# 21

Delta R.T. -0.006 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

Instrument :

MSVOA_V

ClientSampleId :

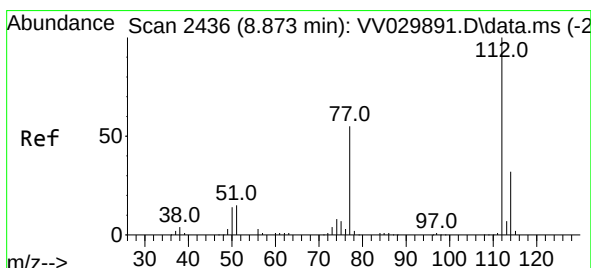
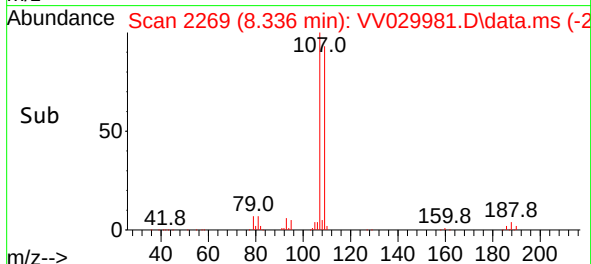
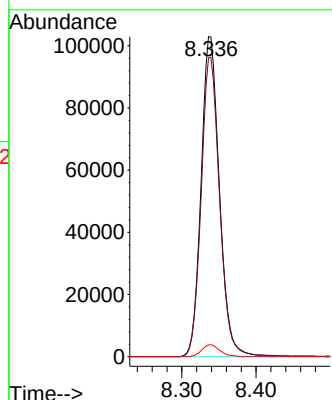
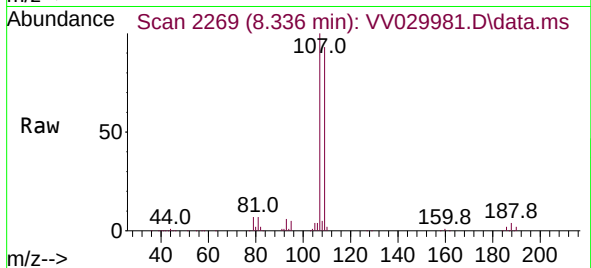
Tgt Ion:107 Resp: 176704

Ion Ratio Lower Upper

107 100

109 93.4 65.5 121.6

188 3.6 3.4 5.0



#51

Chlorobenzene

Concen: 44.123 ug/L

RT: 8.867 min Scan# 2434

Delta R.T. -0.006 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

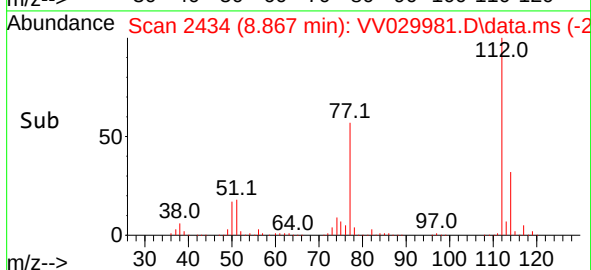
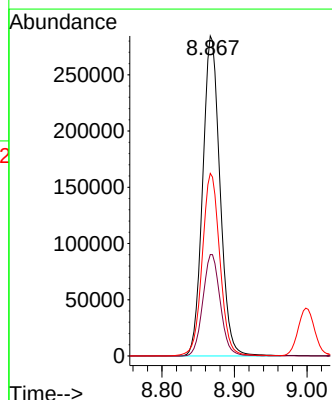
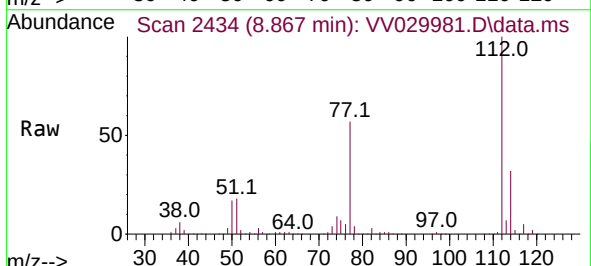
Tgt Ion:112 Resp: 472367

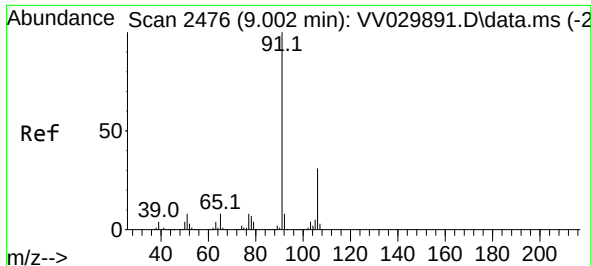
Ion Ratio Lower Upper

112 100

114 31.7 22.6 42.0

77 57.1 44.6 66.8

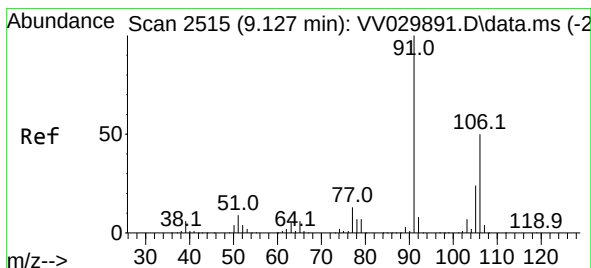
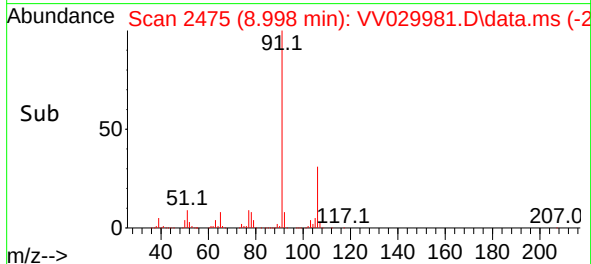
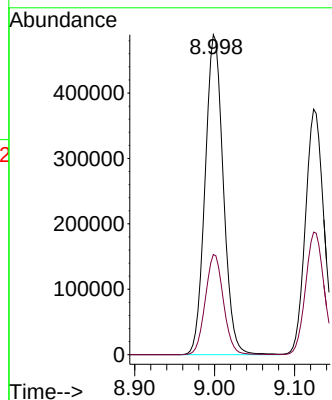
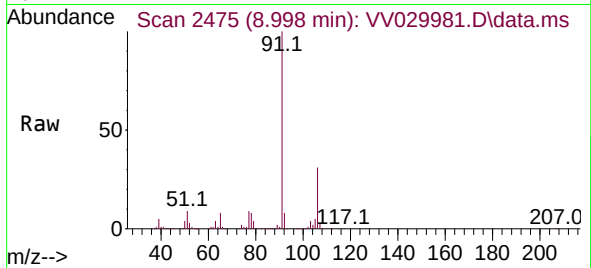




#52
Ethylbenzene
Concen: 45.556 ug/L
RT: 8.998 min Scan# 2476
Delta R.T. -0.004 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

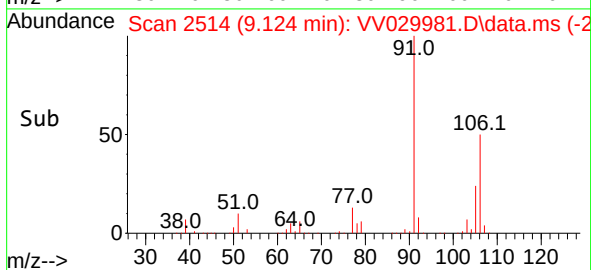
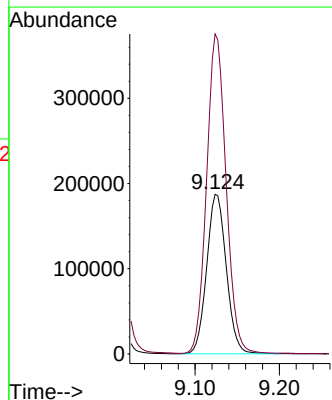
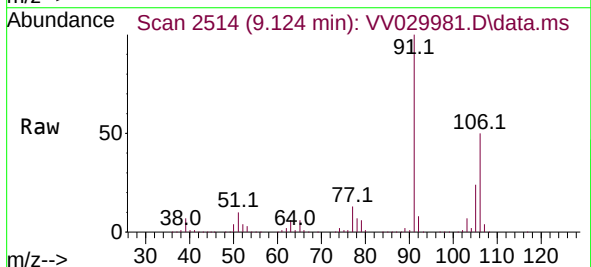
Instrument :
MSVOA_V
ClientSampleId :

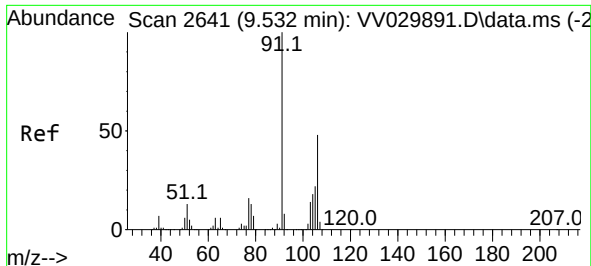
Tgt Ion: 91 Resp: 775669
Ion Ratio Lower Upper
91 100
106 31.3 22.0 40.8



#53
m,p-Xylene
Concen: 44.790 ug/L
RT: 9.124 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

Tgt Ion:106 Resp: 302830
Ion Ratio Lower Upper
106 100
91 200.4 138.9 258.1

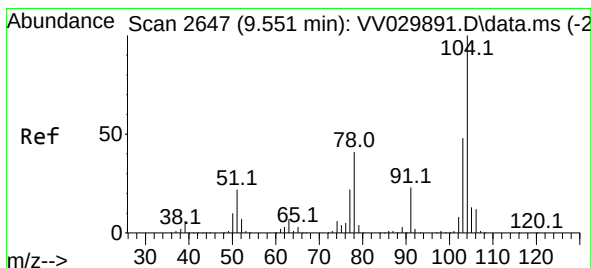
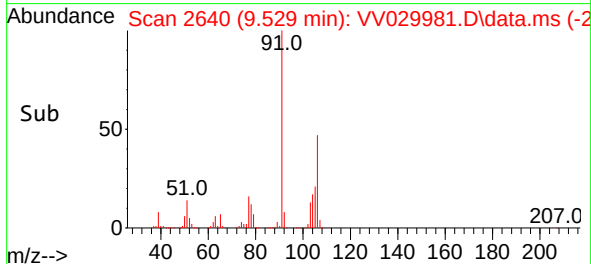
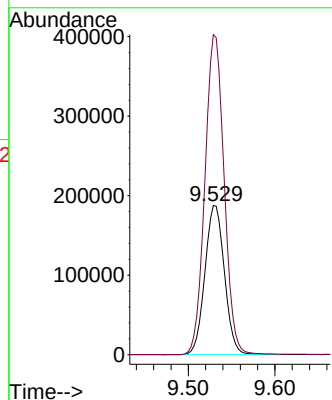
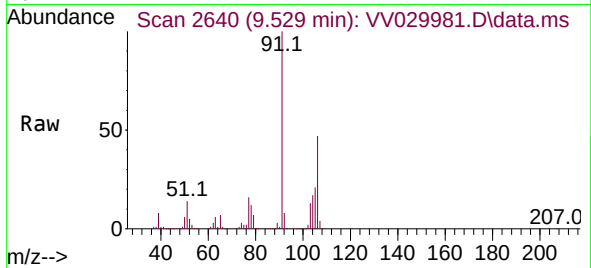




#54
o-Xylene
Concen: 44.915 ug/L
RT: 9.529 min Scan# 2640
Delta R.T. -0.003 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

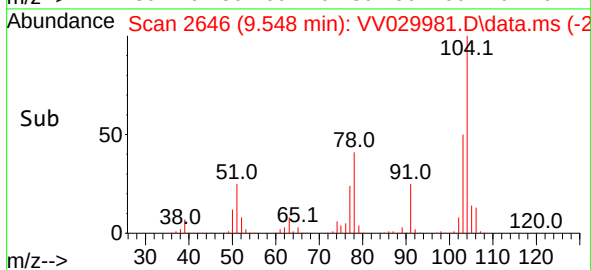
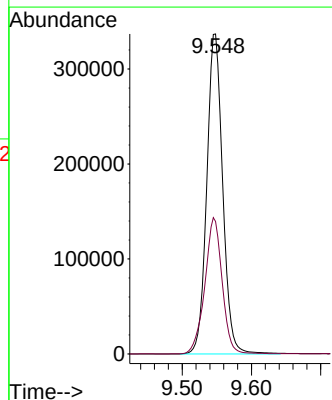
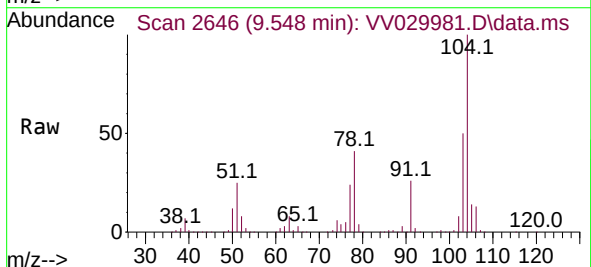
Instrument :
MSVOA_V
ClientSampleId :

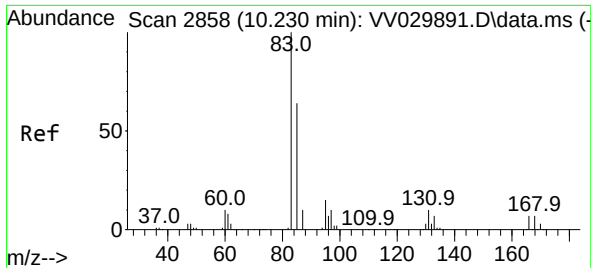
Tgt Ion:106 Resp: 294011
Ion Ratio Lower Upper
106 100
91 214.5 146.2 271.6



#55
Styrene
Concen: 45.479 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.003 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

Tgt Ion:104 Resp: 536894
Ion Ratio Lower Upper
104 100
78 41.4 28.6 53.0

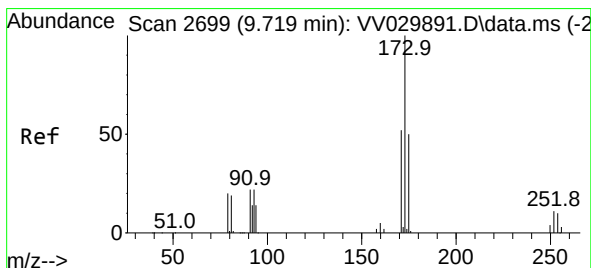
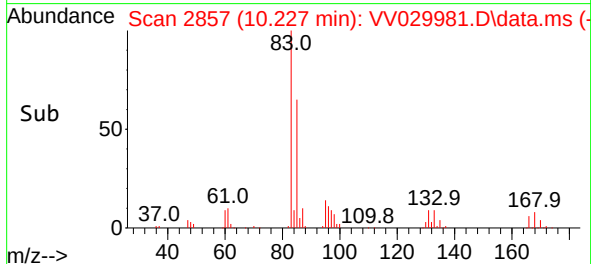
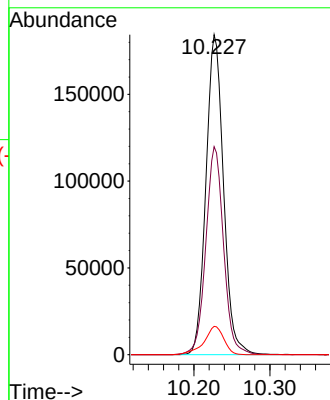
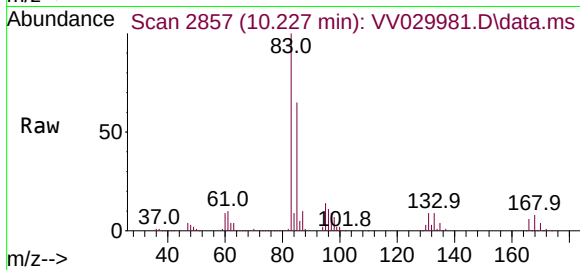




#57
1,1,2,2-Tetrachloroethane
Concen: 45.872 ug/L
RT: 10.227 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

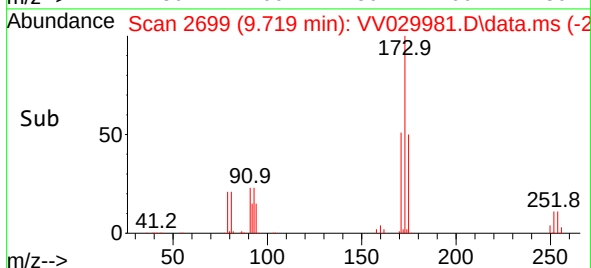
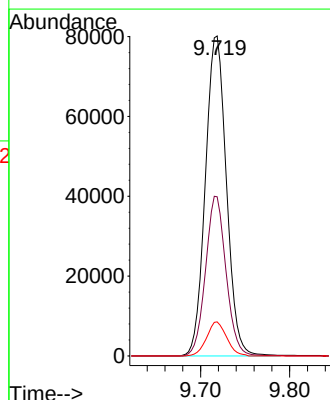
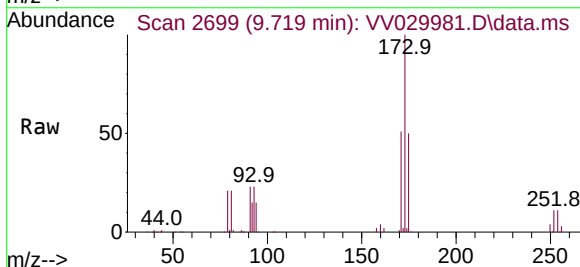
Instrument :
MSVOA_V
ClientSampleId :

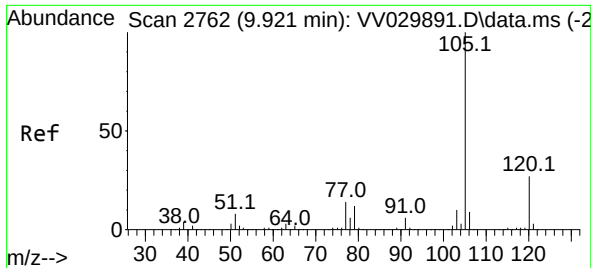
Tgt Ion: 83 Resp: 295410
Ion Ratio Lower Upper
83 100
85 65.0 44.9 83.3
131 8.9 8.1 12.1



#59
Bromoform
Concen: 44.766 ug/L
RT: 9.719 min Scan# 2699
Delta R.T. -0.000 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

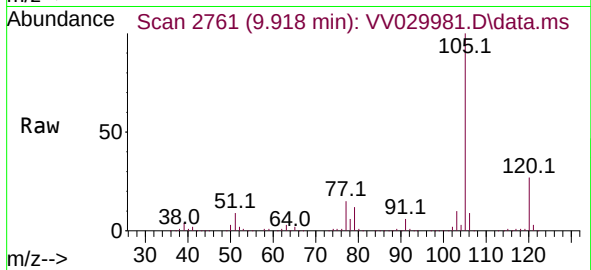
Tgt Ion: 173 Resp: 131471
Ion Ratio Lower Upper
173 100
175 48.5 39.5 59.3
254 10.2 8.2 12.2



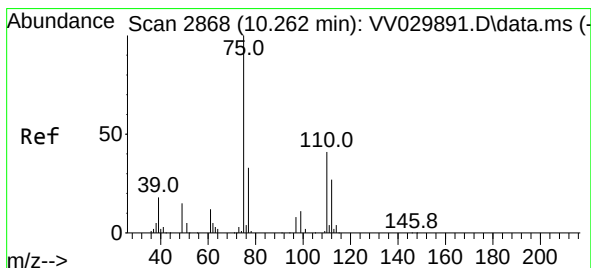
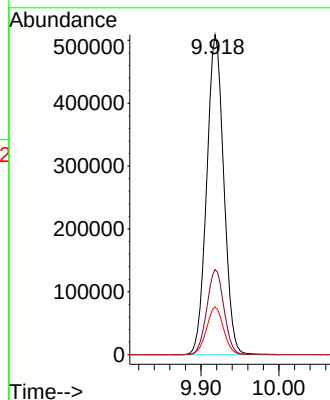
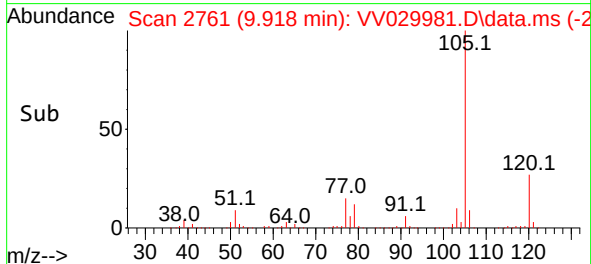


#60
Isopropylbenzene
Concen: 43.842 ug/L
RT: 9.918 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

Instrument :
MSVOA_V
ClientSampleId :

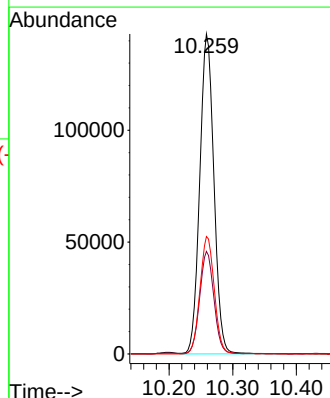
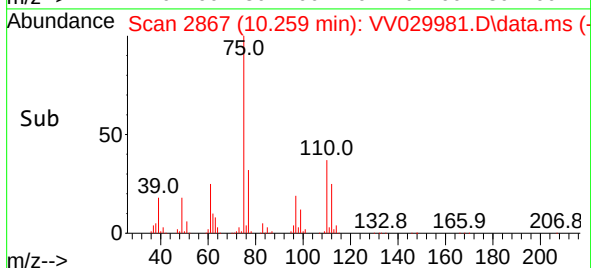
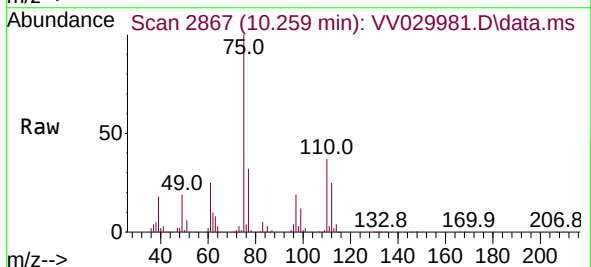


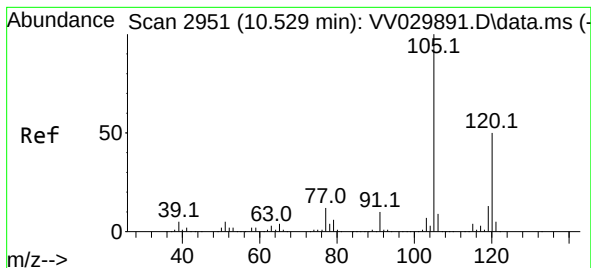
Tgt Ion:105 Resp: 774416
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.8 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 45.788 ug/L
RT: 10.259 min Scan# 2867
Delta R.T. -0.003 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

Tgt Ion: 75 Resp: 220805
Ion Ratio Lower Upper
75 100
77 31.9 25.9 38.9
110 37.2 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 44.624 ug/L

RT: 10.526 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

Instrument :

MSVOA_V

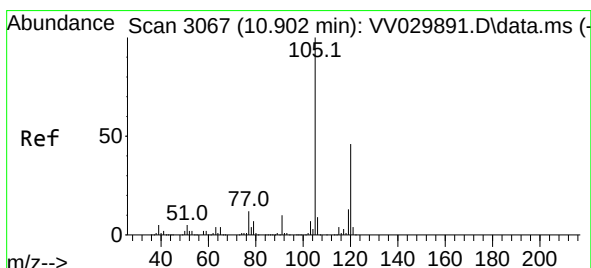
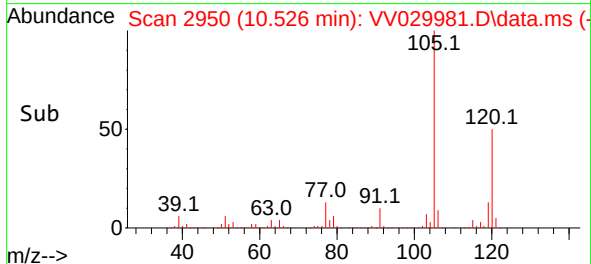
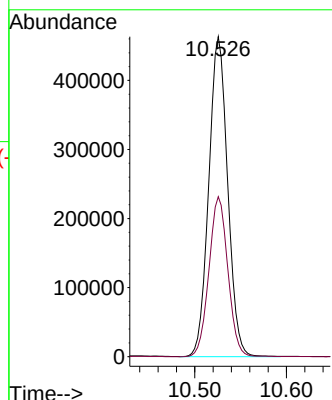
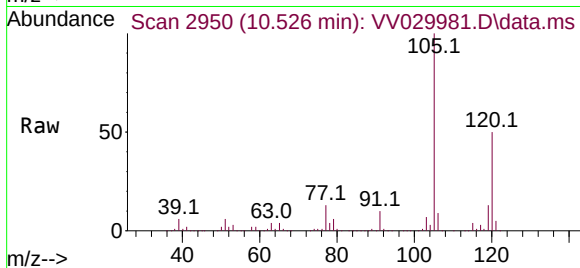
ClientSampleId :

Tgt Ion:105 Resp: 661823

Ion Ratio Lower Upper

105 100

120 50.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 45.280 ug/L

RT: 10.902 min Scan# 3067

Delta R.T. -0.000 min

Lab File: VV029981.D

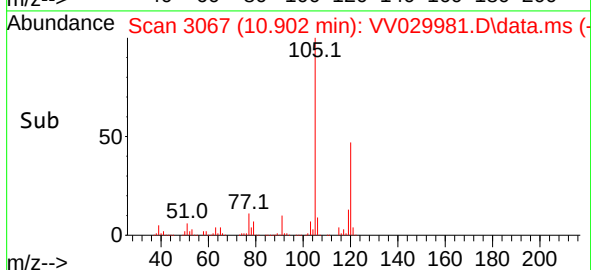
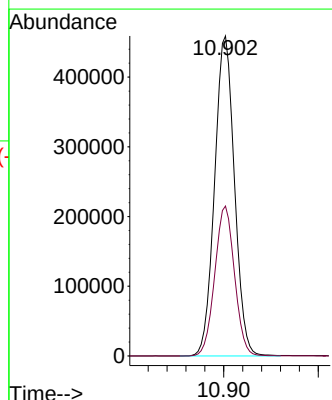
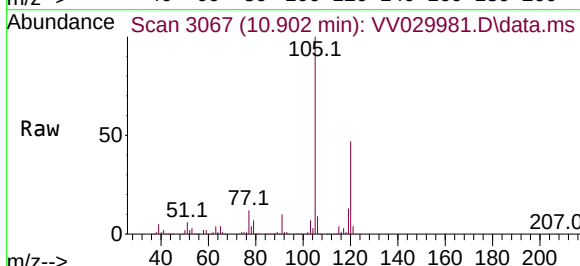
Acq: 30 Jan 2023 10:10

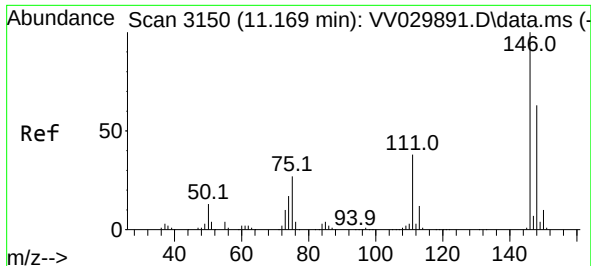
Tgt Ion:105 Resp: 669333

Ion Ratio Lower Upper

105 100

120 46.6 37.0 55.6

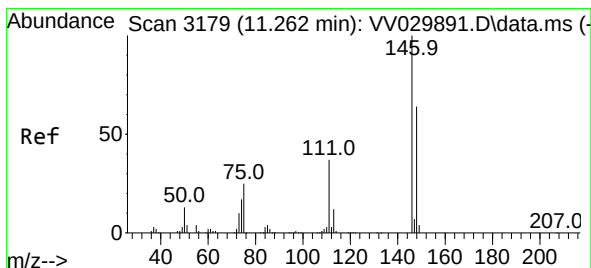
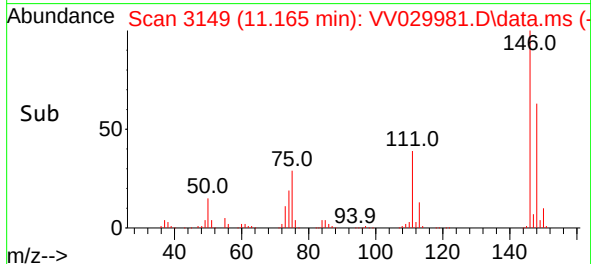
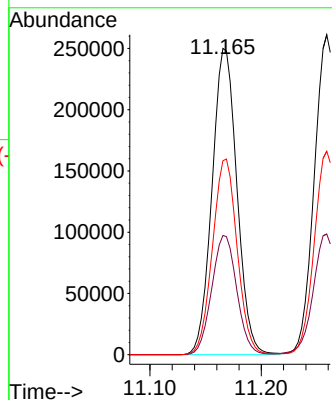
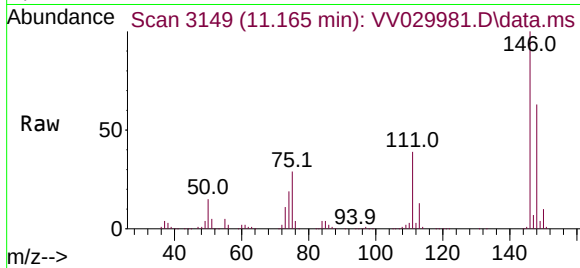




#64
1,3-Dichlorobenzene
Concen: 43.548 ug/L
RT: 11.165 min Scan# 3149
Delta R.T. -0.004 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

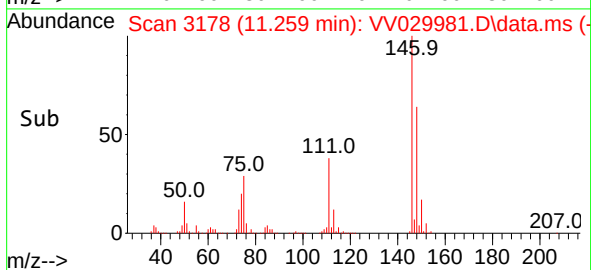
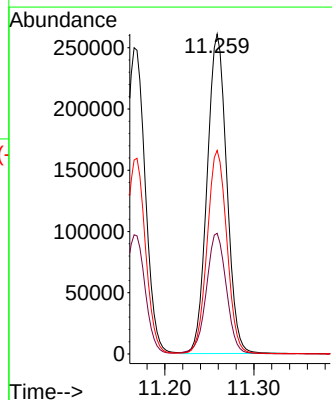
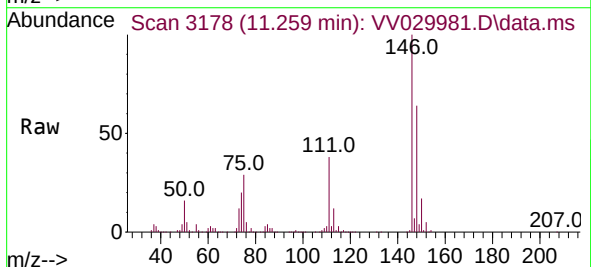
Instrument :
MSVOA_V
ClientSampleId :

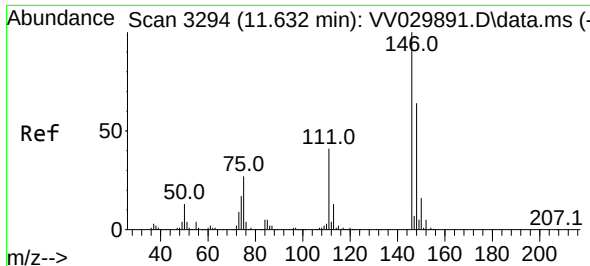
Tgt Ion:146 Resp: 388618
Ion Ratio Lower Upper
146 100
111 38.9 26.9 50.1
148 63.3 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 43.105 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. -0.003 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

Tgt Ion:146 Resp: 398524
Ion Ratio Lower Upper
146 100
111 37.7 26.2 48.8
148 63.6 44.9 83.5

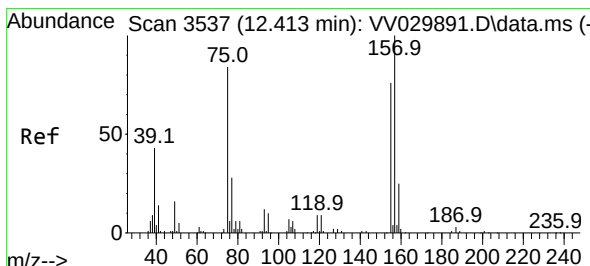
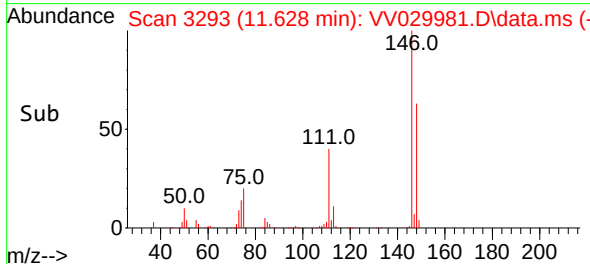
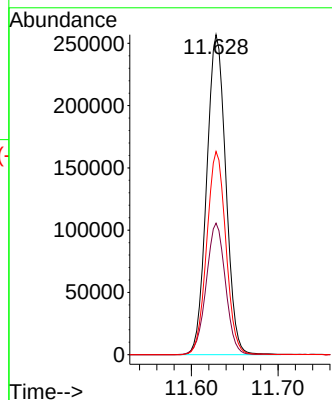
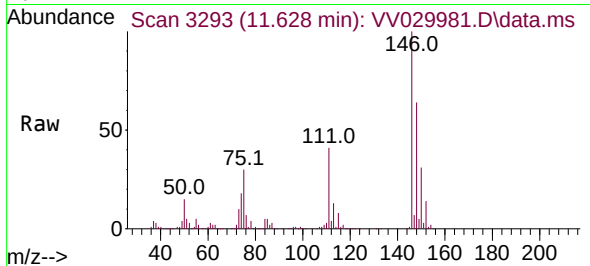




#67
1,2-Dichlorobenzene
Concen: 43.957 ug/L
RT: 11.628 min Scan# 31
Delta R.T. -0.004 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

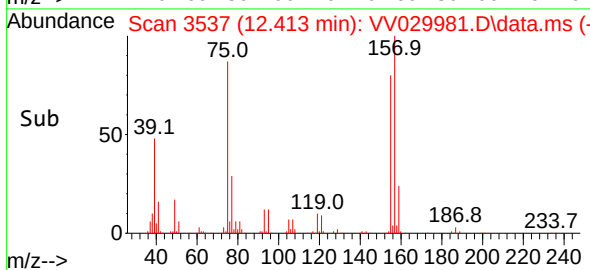
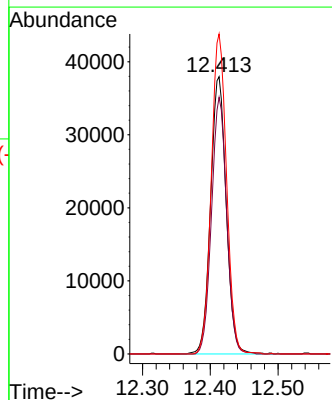
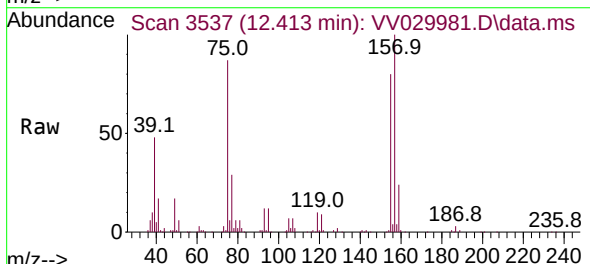
Instrument :
MSVOA_V
ClientSampleId :

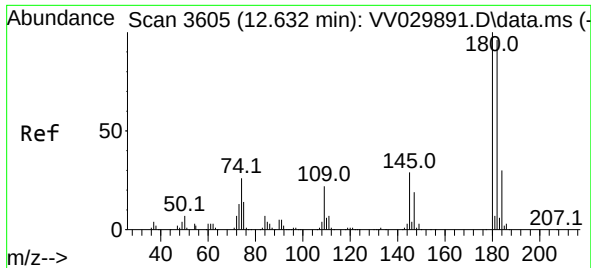
Tgt Ion:146 Resp: 394900
Ion Ratio Lower Upper
146 100
111 41.1 32.7 49.1
148 63.5 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 47.122 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VV029981.D
Acq: 30 Jan 2023 10:10

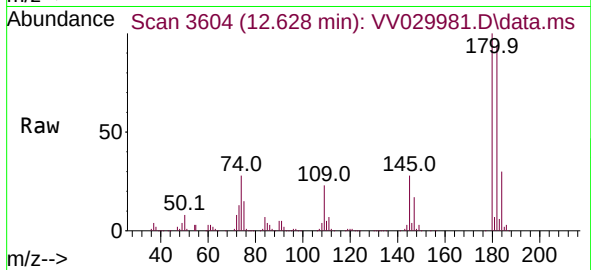
Tgt Ion: 75 Resp: 60721
Ion Ratio Lower Upper
75 100
155 92.5 72.3 108.5
157 115.4 95.4 143.2



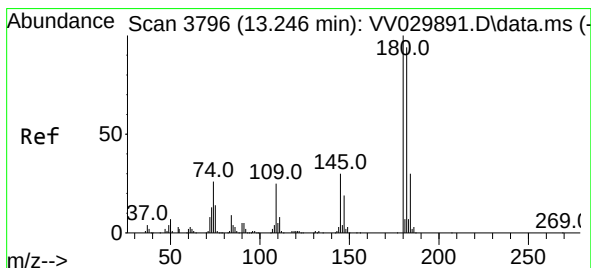
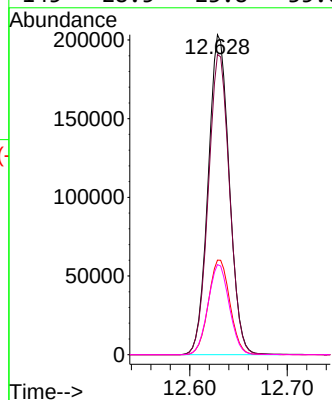
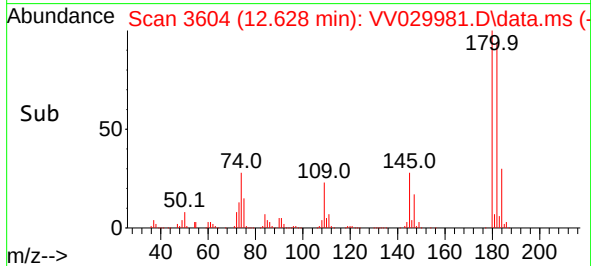


#69
 1,3,5-Trichlorobenzene
 Concen: 44.008 ug/L
 RT: 12.628 min Scan# 3604
 Delta R.T. -0.004 min
 Lab File: VV029981.D
 Acq: 30 Jan 2023 10:10

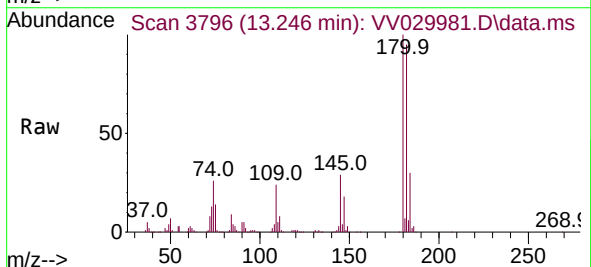
Instrument :
 MSVOA_V
 ClientSampleId :



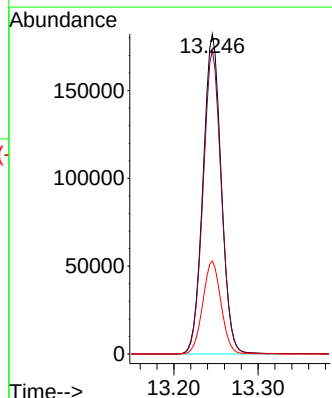
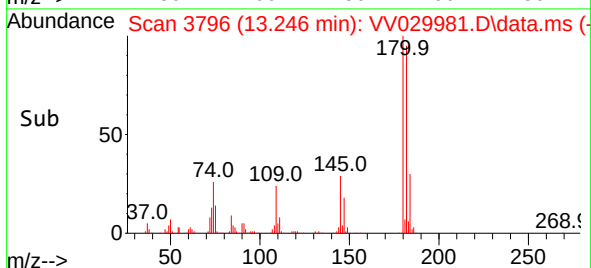
Tgt Ion:180 Resp: 305741
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.2 114.4
 184 30.2 23.9 35.9
 145 28.5 23.8 35.6

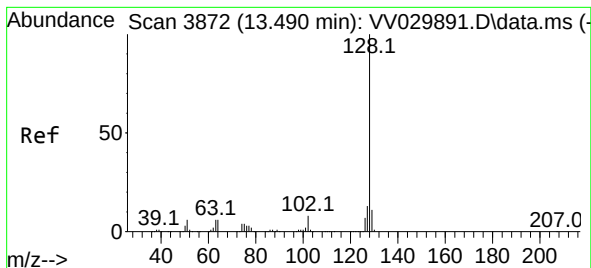


#70
 1,2,4-trichlorobenzene
 Concen: 44.777 ug/L
 RT: 13.246 min Scan# 3796
 Delta R.T. -0.000 min
 Lab File: VV029981.D
 Acq: 30 Jan 2023 10:10



Tgt Ion:180 Resp: 274578
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.0 114.0
 145 29.2 24.0 36.0





#71

Naphthalene

Concen: 46.918 ug/L

RT: 13.487 min Scan# 3871

Delta R.T. -0.003 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

Instrument :

MSVOA_V

ClientSampleId :

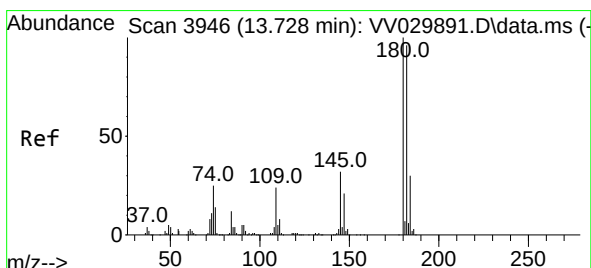
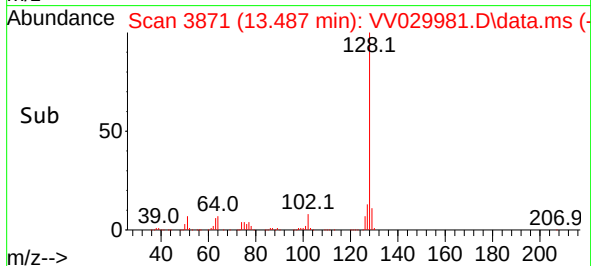
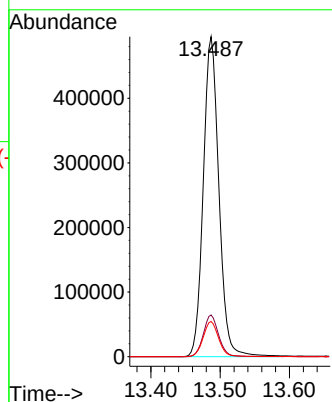
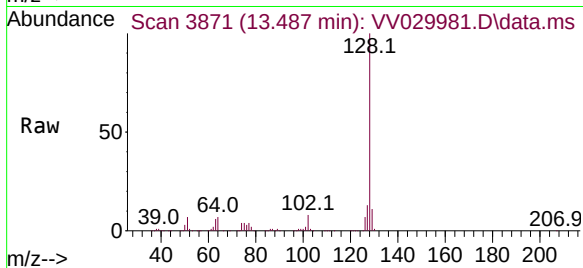
Tgt Ion:128 Resp: 773794

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 45.186 ug/L

RT: 13.728 min Scan# 3946

Delta R.T. 0.000 min

Lab File: VV029981.D

Acq: 30 Jan 2023 10:10

Tgt Ion:180 Resp: 270032

Ion Ratio Lower Upper

180 100

182 95.1 76.3 114.5

145 31.1 25.7 38.5

