

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022222\
 Data File : VW024796.D
 Acq On : 22 Feb 2022 14:46
 Operator : SY/MD
 Sample : N1623-05MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 23 01:07:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 22 03:27:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	154300	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142470	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69055	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68610	5.242	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.800%		
7) Chloroethane-d5	1.568	69	54149	5.043	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 100.800%		
11) 1,1-Dichloroethene-d2	2.111	63	117798	4.912	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.200%		
20) 2-Butanone-d5	3.886	46	102205	54.673	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 109.340%		
24) Chloroform-d	4.349	84	106150	5.198	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.000%		
26) 1,2-Dichloroethane-d4	5.034	65	46608	5.120	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.400%		
32) Benzene-d6	5.050	84	222096	5.404	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.000%		
36) 1,2-Dichloropropane-d6	6.069	67	65742	5.435	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.800%		
41) Toluene-d8	7.313	98	196610	5.264	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.200%		
43) trans-1,3-Dichloroprop...	7.622	79	21969	5.452	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 109.000%		
46) 2-Hexanone-d5	8.088	63	78773	49.683	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 99.360%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38162	5.235	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	59130	4.949	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 99.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	77379	5.143	ug/L	99
3) Chloromethane	1.240	50	76435	5.086	ug/L	98
5) Vinyl chloride	1.310	62	82420	4.995	ug/L	98
6) Bromomethane	1.523	94	48479	4.919	ug/L	99
8) Chloroethane	1.584	64	49436	4.864	ug/L	99
9) Trichlorofluoromethane	1.754	101	109796	5.069	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	64721	5.146	ug/L	97
12) 1,1-Dichloroethene	2.121	96	60705	5.052	ug/L	96
13) Acetone	2.175	43	71455	54.202	ug/L	93
14) Carbon disulfide	2.294	76	172876	5.126	ug/L	99
15) Methyl Acetate	2.439	43	19518	5.655	ug/L	91
16) Methylene chloride	2.506	84	62016	5.241	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	126238	5.344	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	62844	5.355	ug/L	98
19) 1,1-Dichloroethane	3.191	63	116864	5.438	ug/L	100
21) 2-Butanone	3.969	43	116643	57.256	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	74817	6.031	ug/L	98
23) Bromochloromethane	4.249	128	25840	5.389	ug/L	89
25) Chloroform	4.375	83	118361	5.272	ug/L	100

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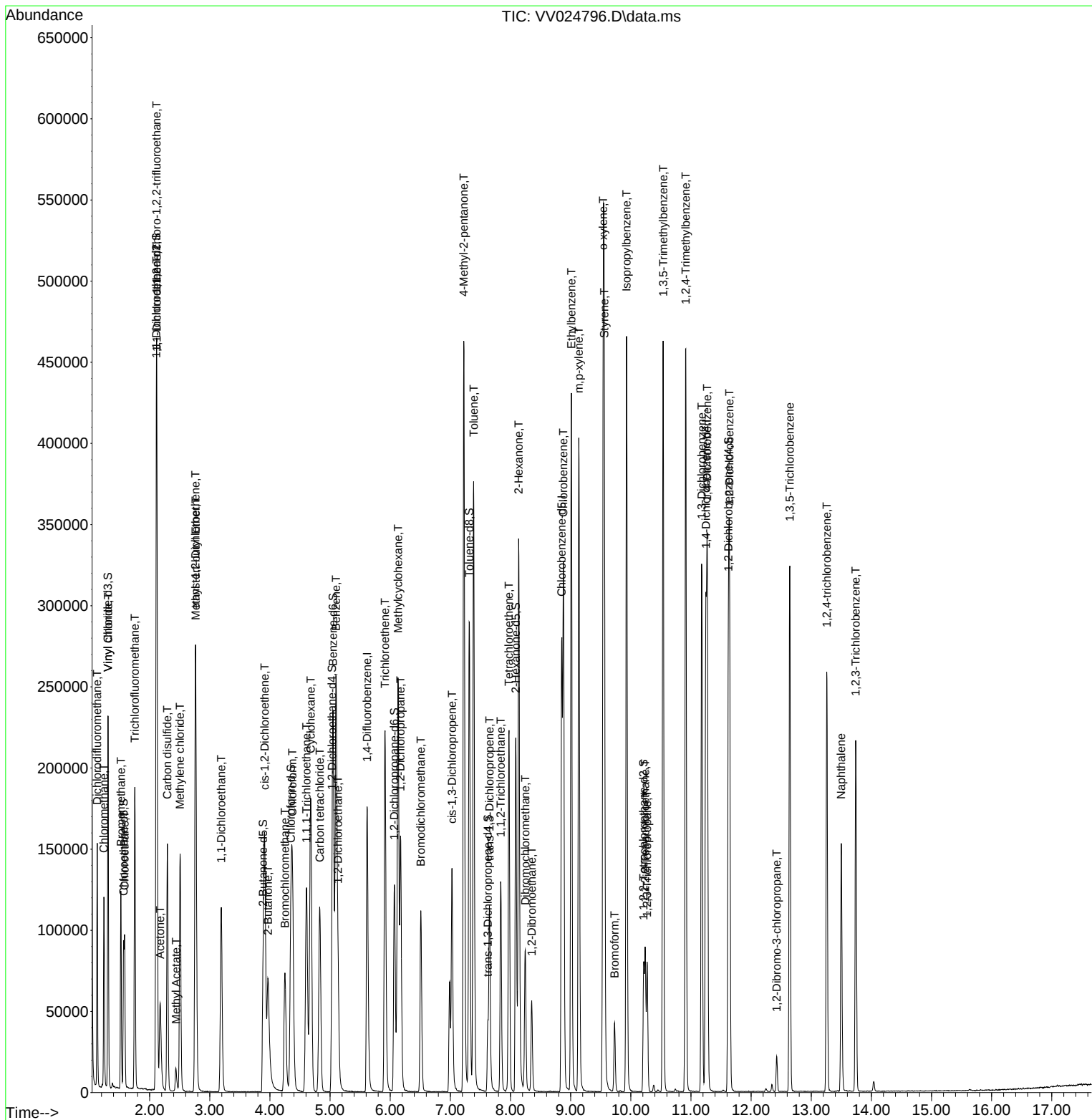
Instrument :
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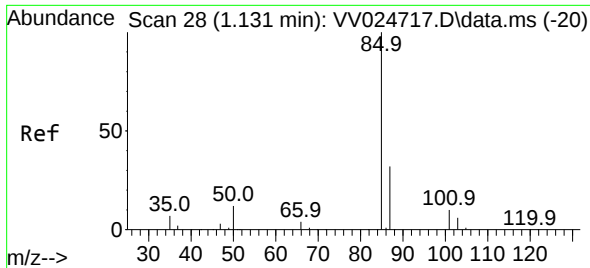
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	62937	5.253	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	102610	5.366	ug/L	98
30) Cyclohexane	4.677	56	102212	5.270	ug/L	98
31) Carbon tetrachloride	4.828	117	86481	5.380	ug/L	98
33) Benzene	5.098	78	261695	5.425	ug/L	100
34) Trichloroethene	5.911	95	80930	6.334	ug/L	98
35) Methylcyclohexane	6.130	83	110169	5.337	ug/L	100
37) 1,2-Dichloropropane	6.172	63	64846	5.690	ug/L	99
38) Bromodichloromethane	6.510	83	77714	5.417	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	87454	5.533	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	297038	54.793	ug/L	98
42) Toluene	7.387	91	278382	5.421	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	67978	5.382	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	41606	5.612	ug/L	99
47) Tetrachloroethene	7.976	164	45989	5.285	ug/L	99
48) 2-Hexanone	8.136	43	204280	53.595	ug/L	96
49) Dibromochloromethane	8.246	129	45024	5.472	ug/L	97
50) 1,2-Dibromoethane	8.352	107	37408	5.530	ug/L	97
51) Chlorobenzene	8.879	112	170313	5.301	ug/L	99
52) Ethylbenzene	9.011	91	301415	5.378	ug/L	100
53) m,p-xylene	9.136	106	114955	5.426	ug/L	99
54) o-xylene	9.542	106	112434	5.430	ug/L	97
55) Styrene	9.561	104	180563	5.361	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	42172	5.378	ug/L	98
59) Bromoform	9.731	173	18041	5.161	ug/L	96
60) Isopropylbenzene	9.931	105	298632	5.228	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	32193	5.144	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	246115	5.169	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	247176	5.230	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	126394	5.247	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	123758	5.144	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	112031	5.272	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5517	5.156	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	89198	5.222	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	70876	5.266	ug/L	100
71) Naphthalene	13.500	128	114098	4.985	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	59188	5.255	ug/L	99

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

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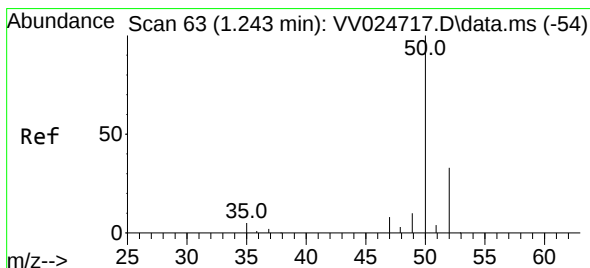
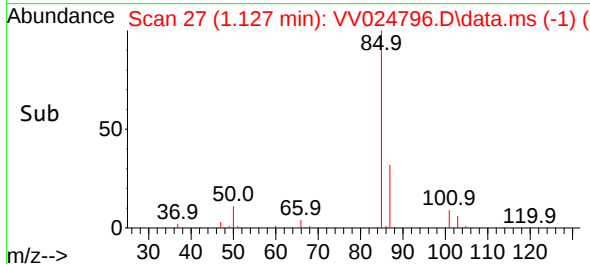
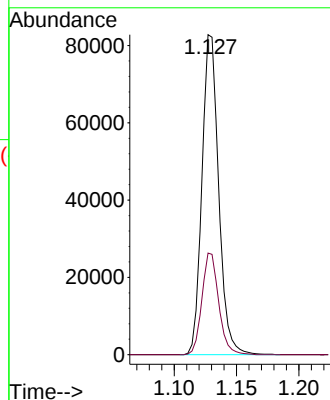
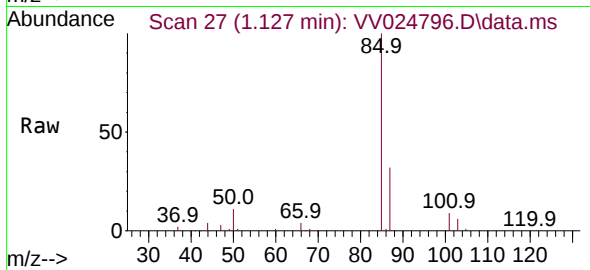




#2
 Dichlorodifluoromethane
 Concen: 5.143 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV024796.D
 Acq: 22 Feb 2022 14:46

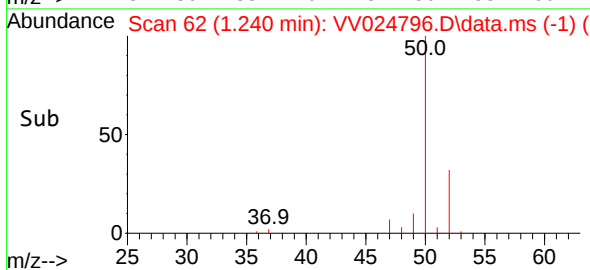
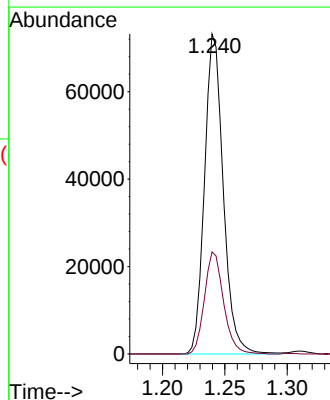
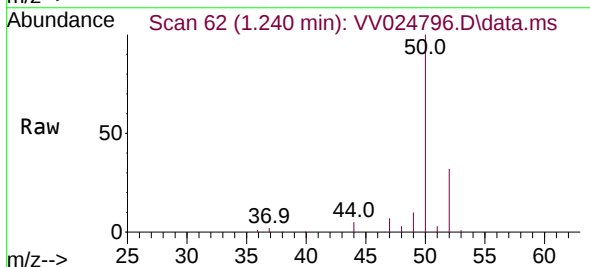
Instrument :
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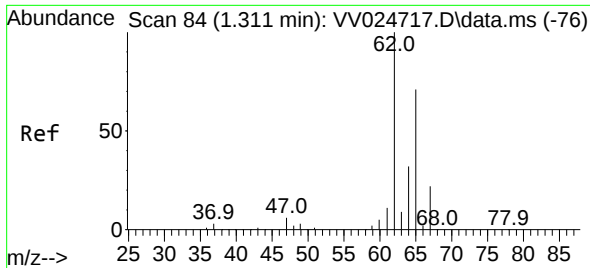
Tgt Ion: 85 Resp: 77379
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.9 38.9



#3
 Chloromethane
 Concen: 5.086 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024796.D
 Acq: 22 Feb 2022 14:46

Tgt Ion: 50 Resp: 76435
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.3 43.3

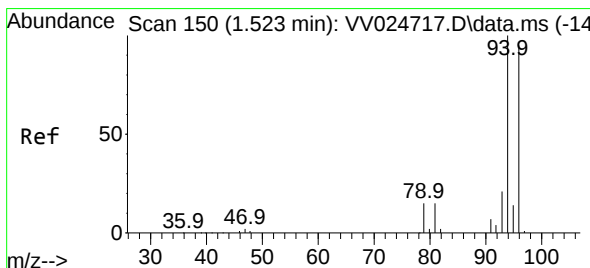
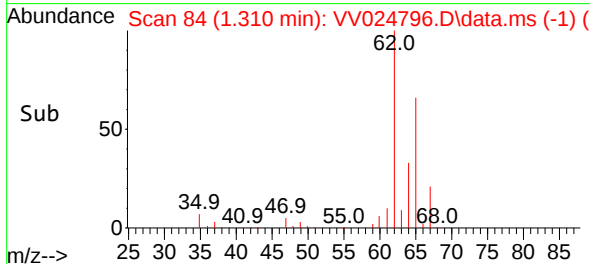
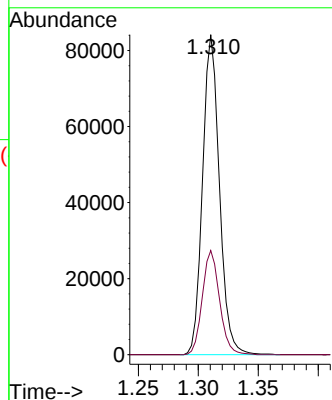
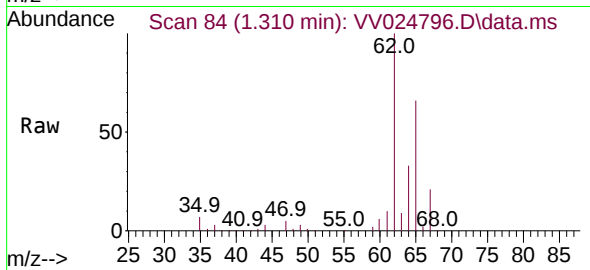




#5
 Vinyl chloride
 Concen: 4.995 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024796.D
 Acq: 22 Feb 2022 14:46

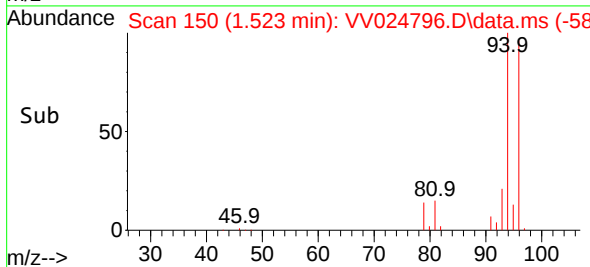
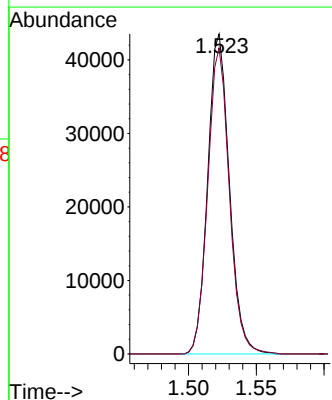
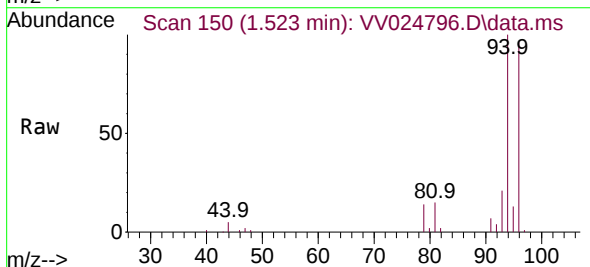
Instrument :
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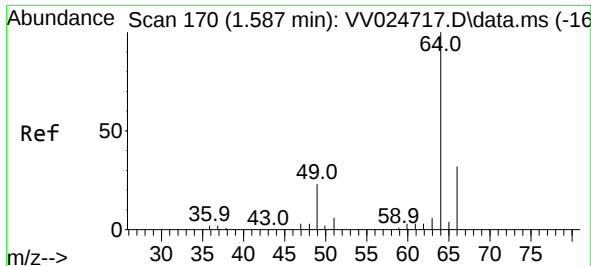
Tgt Ion: 62 Resp: 82420
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.2 41.2



#6
 Bromomethane
 Concen: 4.919 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024796.D
 Acq: 22 Feb 2022 14:46

Tgt Ion: 94 Resp: 48479
 Ion Ratio Lower Upper
 94 100
 96 95.6 66.5 123.5

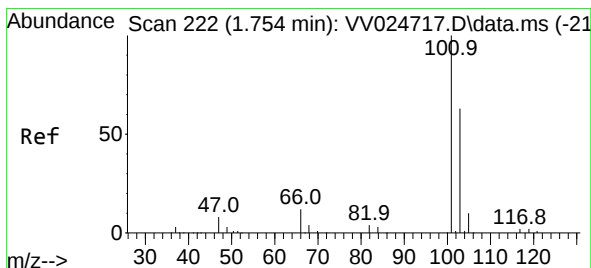
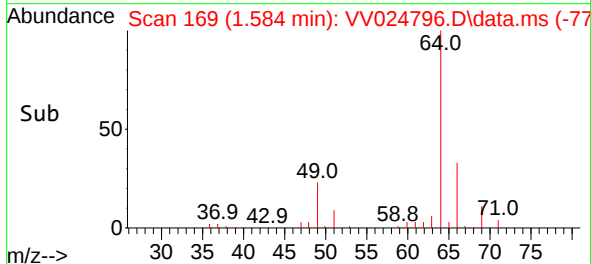
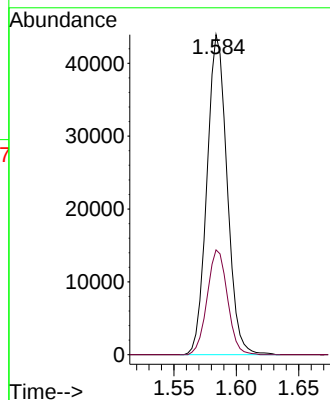
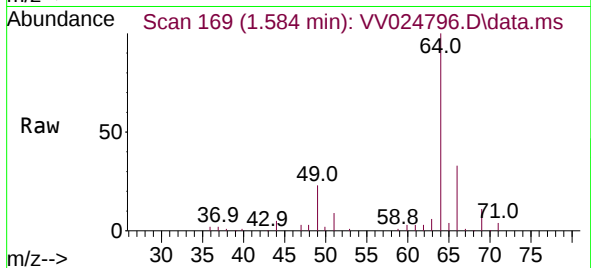




#8
Chloroethane
Concen: 4.864 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

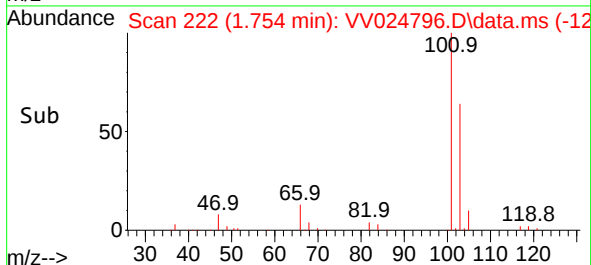
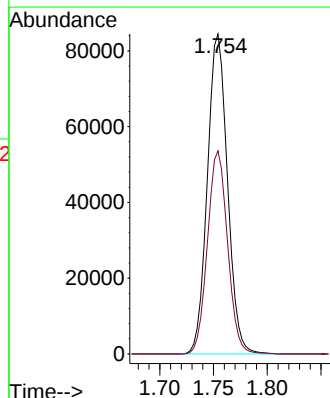
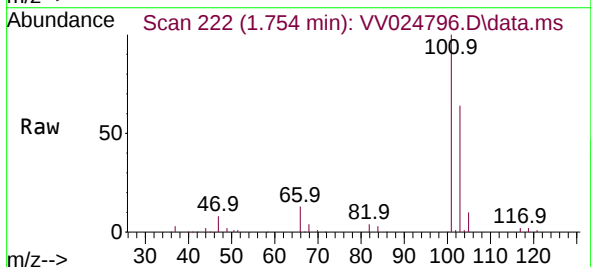
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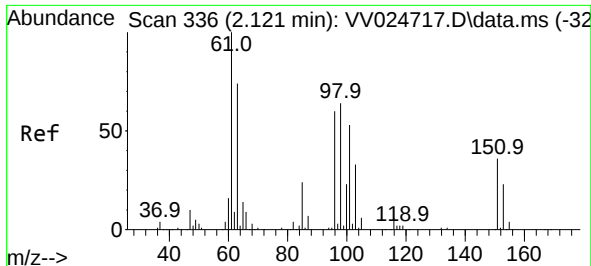
Tgt Ion: 64 Resp: 49436
Ion Ratio Lower Upper
64 100
66 32.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.069 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

Tgt Ion:101 Resp: 109796
Ion Ratio Lower Upper
101 100
103 63.5 50.7 76.1

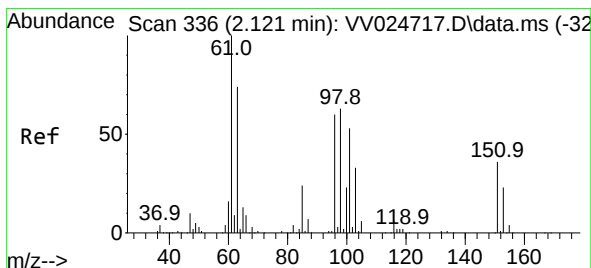
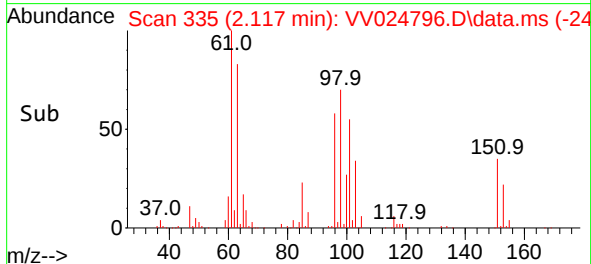
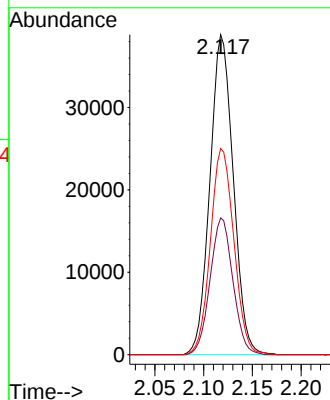
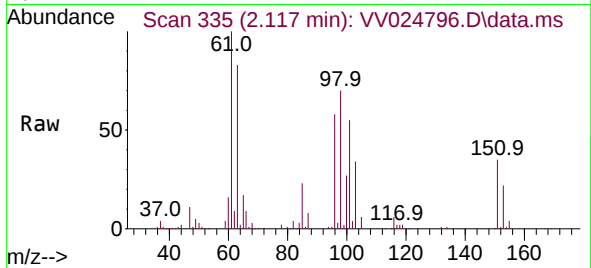




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.146 ug/L
 RT: 2.117 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV024796.D
 Acq: 22 Feb 2022 14:46

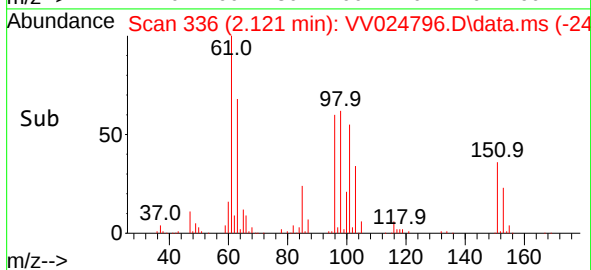
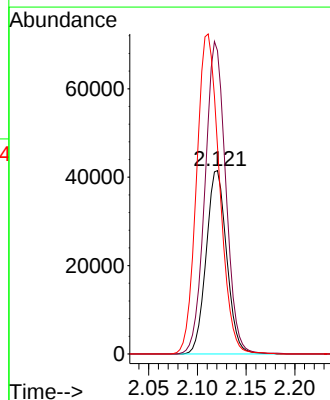
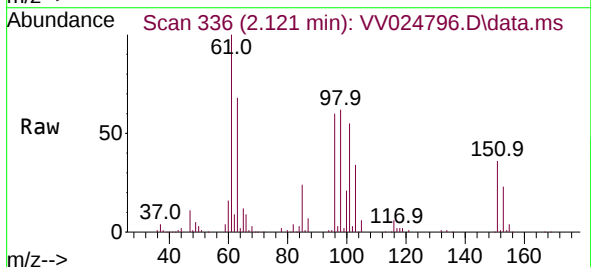
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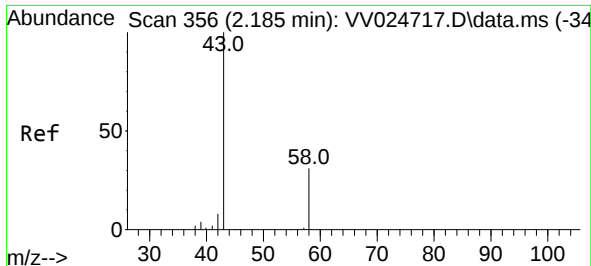
Tgt Ion:101 Resp: 64721
 Ion Ratio Lower Upper
 101 100
 85 41.7 34.7 52.1
 151 64.9 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 5.052 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV024796.D
 Acq: 22 Feb 2022 14:46

Tgt Ion: 96 Resp: 60705
 Ion Ratio Lower Upper
 96 100
 61 165.4 116.3 216.1
 63 113.3 86.0 159.6





#13

Acetone

Concen: 54.202 ug/L

RT: 2.175 min Scan# 3

Delta R.T. -0.010 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Instrument :

MSVOA_V

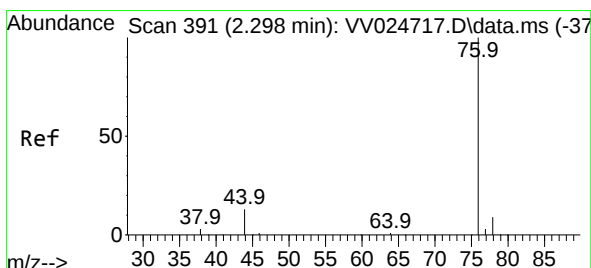
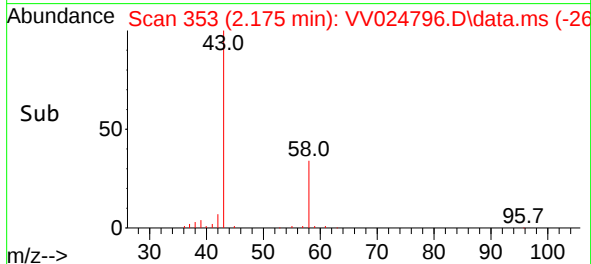
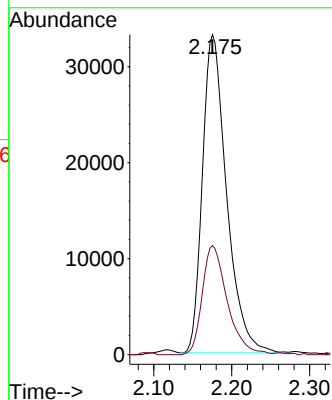
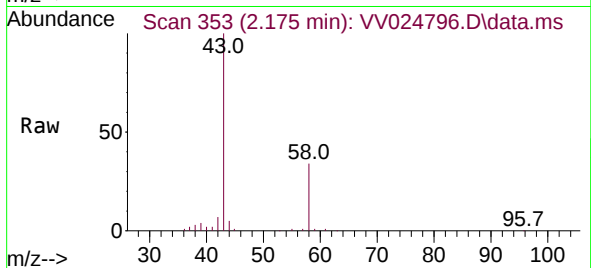
ClientSampleId :

Tgt Ion: 43 Resp: 71455

Ion Ratio Lower Upper

43 100

58 35.4 0.0 63.6



#14

Carbon disulfide

Concen: 5.126 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024796.D

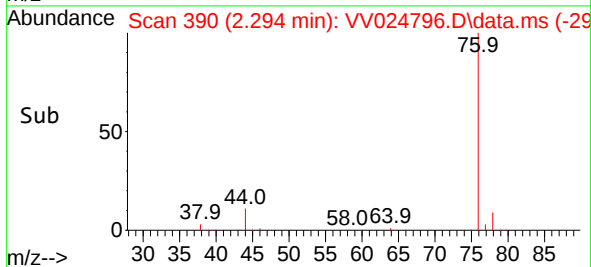
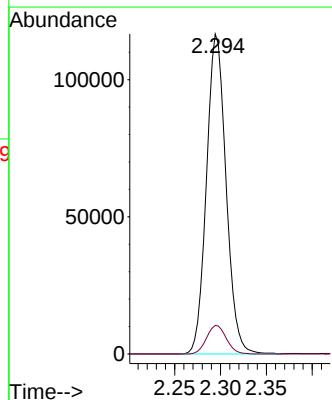
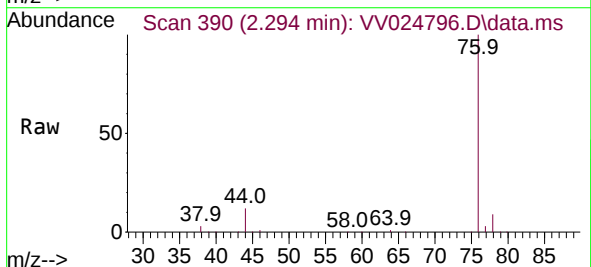
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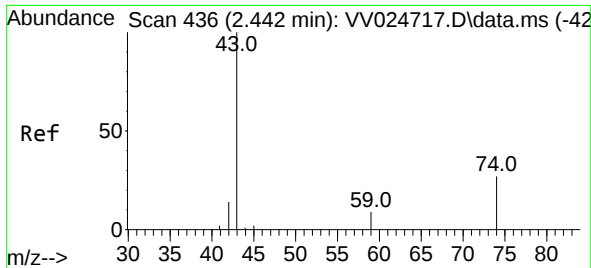
Tgt Ion: 76 Resp: 172876

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9





#15

Methyl Acetate

Concen: 5.655 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Instrument :

MSVOA_V

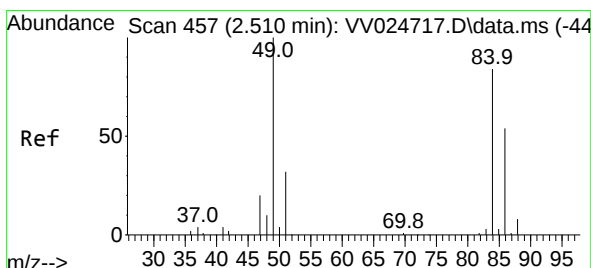
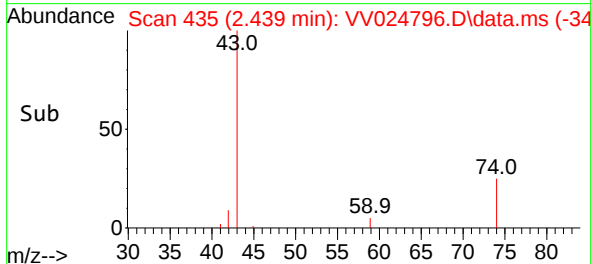
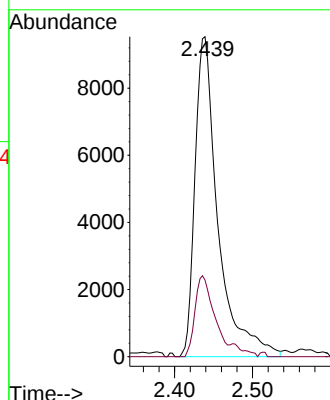
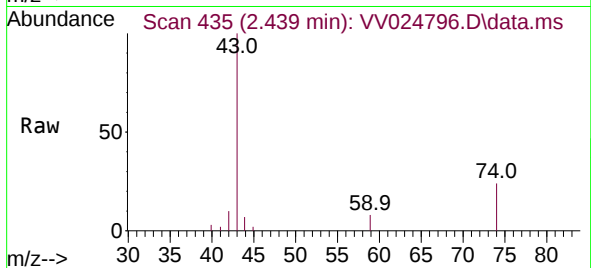
ClientSampleId :

Tgt Ion: 43 Resp: 19518

Ion Ratio Lower Upper

43 100

74 21.2 20.8 31.2



#16

Methylene chloride

Concen: 5.241 ug/L

RT: 2.506 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

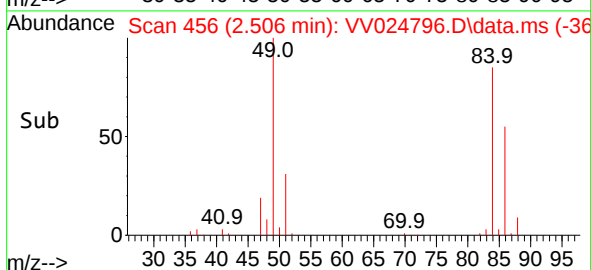
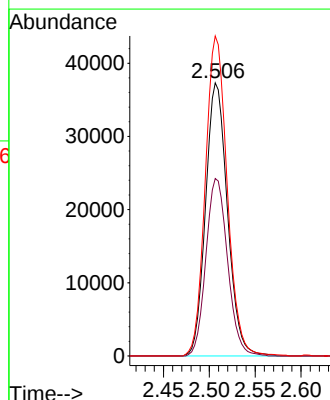
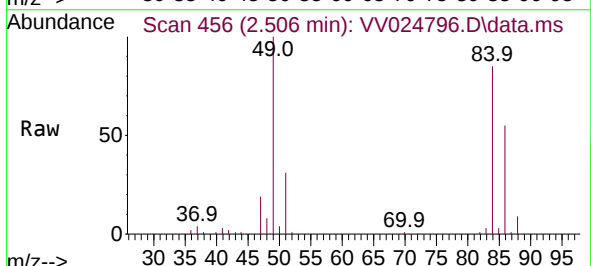
Tgt Ion: 84 Resp: 62016

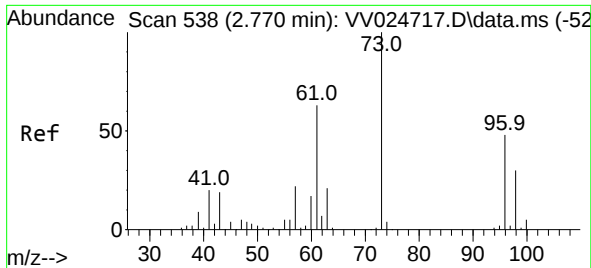
Ion Ratio Lower Upper

84 100

86 65.0 45.1 83.7

49 117.1 83.5 155.1

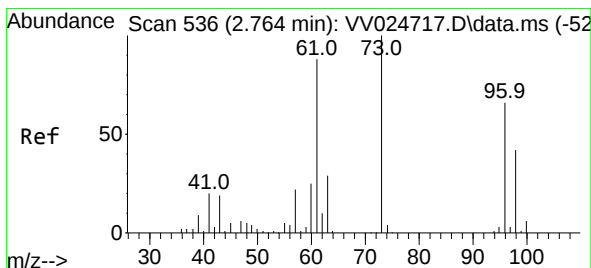
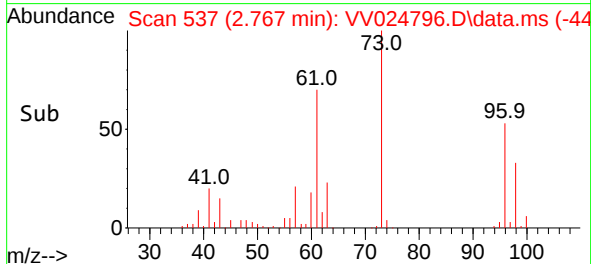
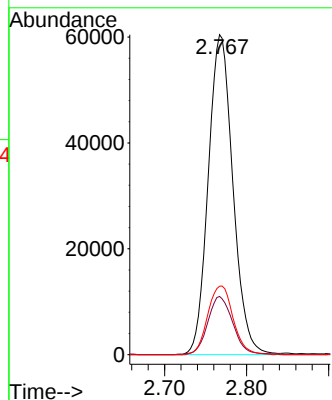
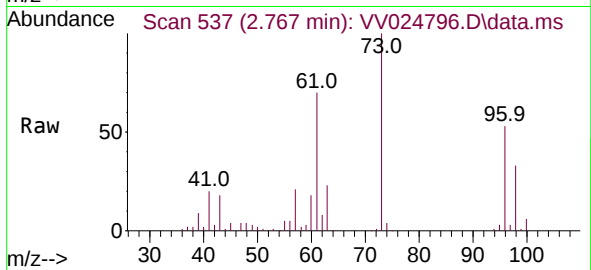




#17
Methyl tert-butyl Ether
Concen: 5.344 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

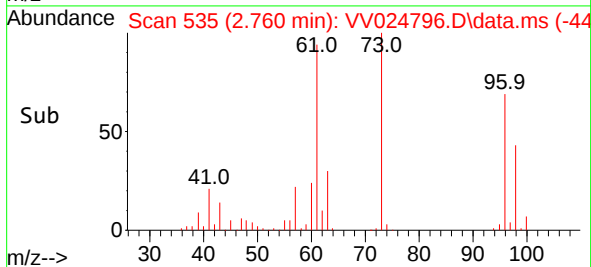
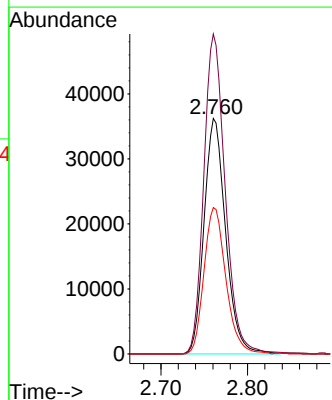
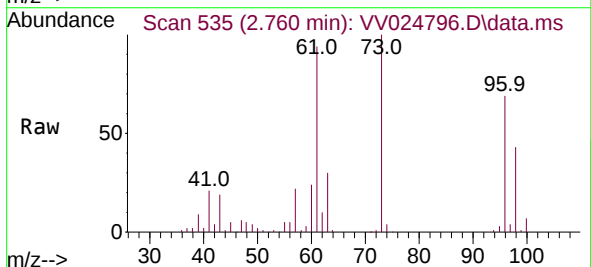
Instrument :
MSVOA_V
ClientSampleId :

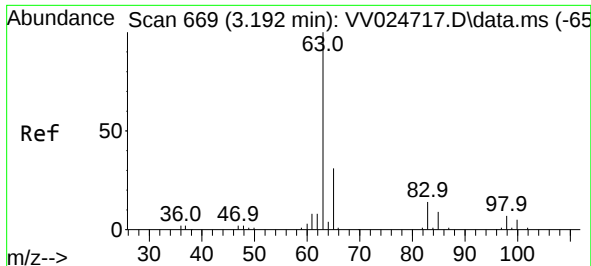
Tgt Ion: 73 Resp: 126238
Ion Ratio Lower Upper
73 100
43 18.6 15.1 22.7
57 22.1 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.355 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

Tgt Ion: 96 Resp: 62844
Ion Ratio Lower Upper
96 100
61 135.9 92.9 172.5
98 62.2 44.5 82.7





#19

1,1-Dichloroethane

Concen: 5.438 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Instrument :

MSVOA_V

ClientSampleId :

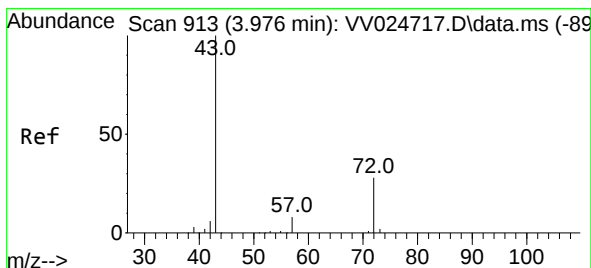
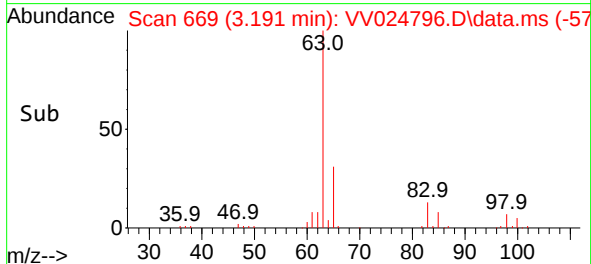
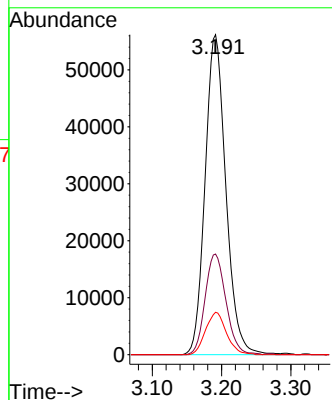
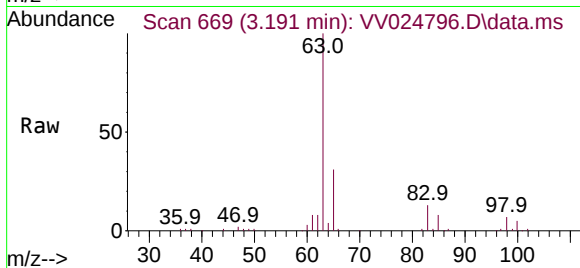
Tgt Ion: 63 Resp: 116864

Ion Ratio Lower Upper

63 100

65 31.4 22.0 40.8

83 13.2 9.5 17.7



#21

2-Butanone

Concen: 57.256 ug/L

RT: 3.969 min Scan# 911

Delta R.T. 0.000 min

Lab File: VV024796.D

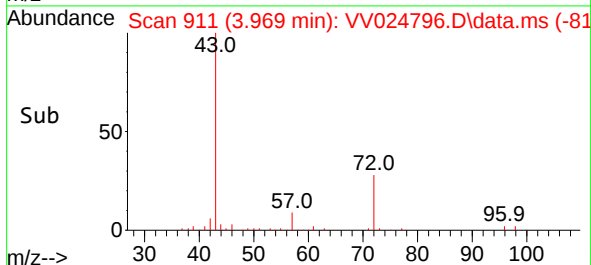
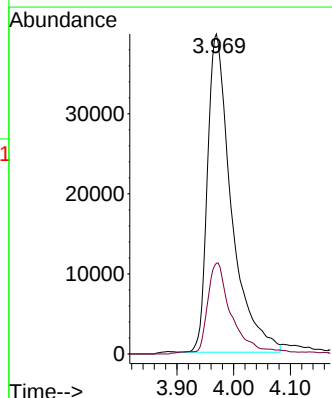
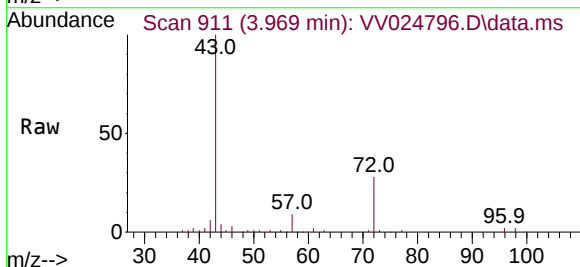
Acq: 22 Feb 2022 14:46

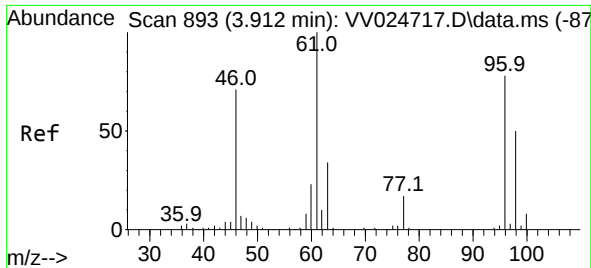
Tgt Ion: 43 Resp: 116643

Ion Ratio Lower Upper

43 100

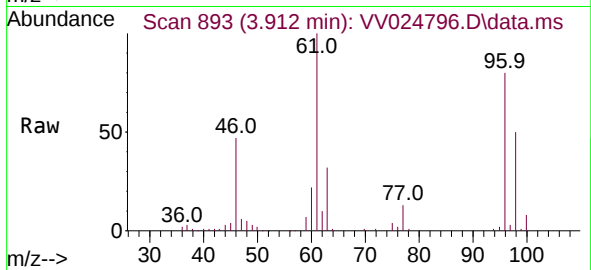
72 26.7 13.2 39.6





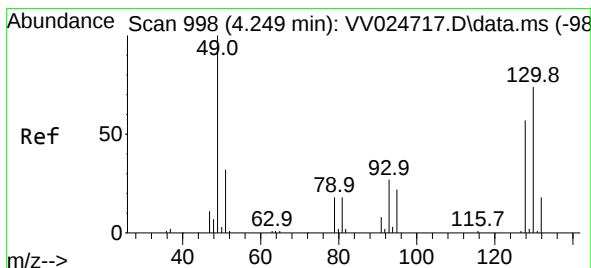
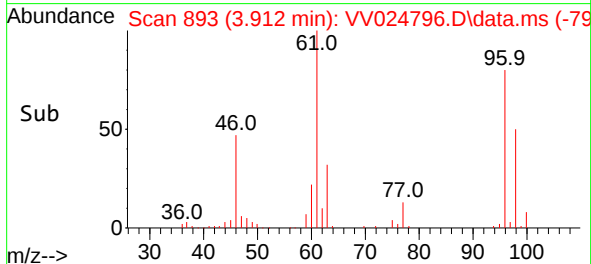
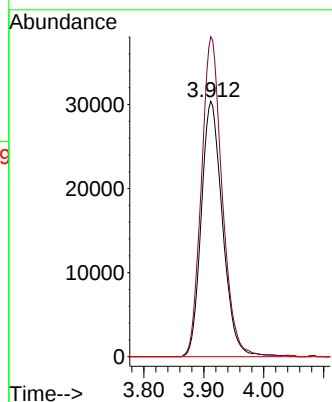
#22
 cis-1,2-Dichloroethene
 Concen: 6.031 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.006 min
 Lab File: VV024796.D
 Acq: 22 Feb 2022 14:46

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 74817

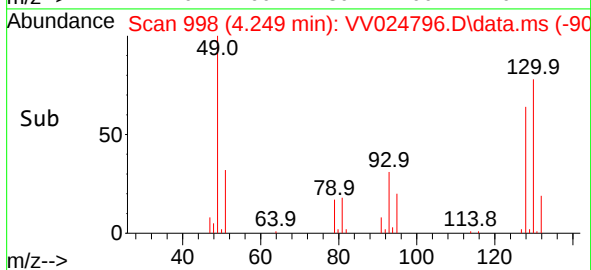
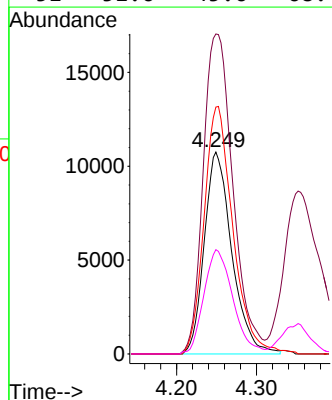
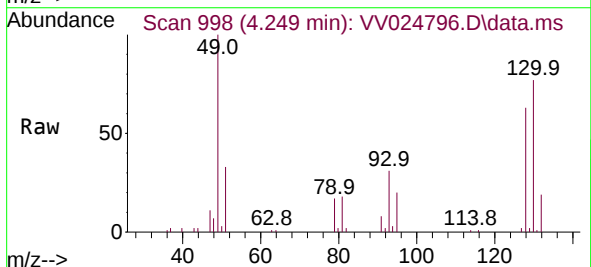
Ion	Ratio	Lower	Upper
96	100		
61	125.3	89.7	166.5
68	0.0	0.0	0.0

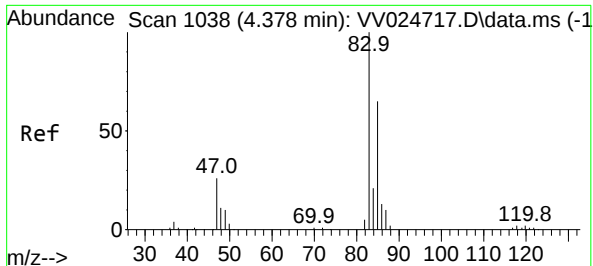


#23
 Bromochloromethane
 Concen: 5.389 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VV024796.D
 Acq: 22 Feb 2022 14:46

Tgt Ion: 128 Resp: 25840

Ion	Ratio	Lower	Upper
128	100		
49	158.5	124.2	230.6
130	122.3	92.1	171.1
51	51.6	45.6	68.4





#25

Chloroform

Concen: 5.272 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Instrument :

MSVOA_V

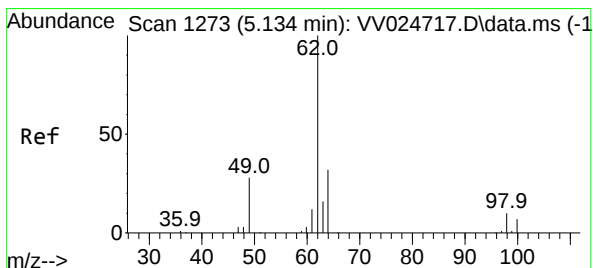
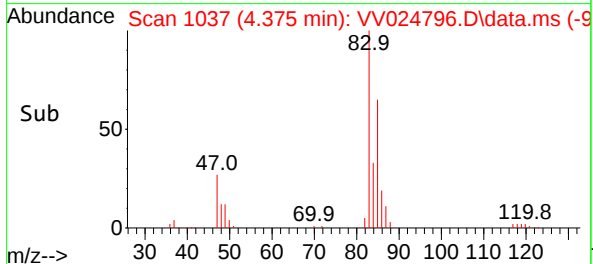
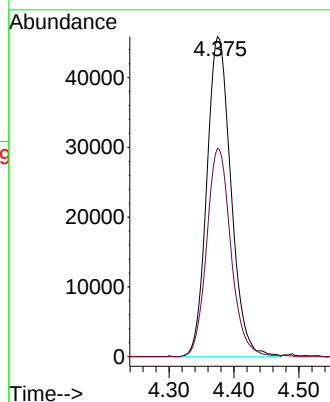
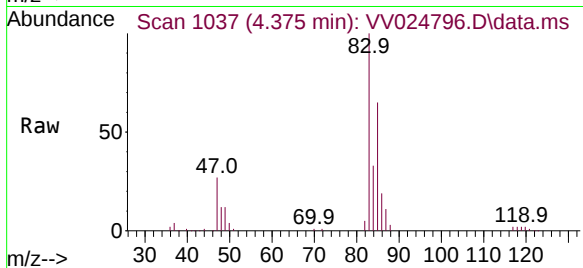
ClientSampleId :

Tgt Ion: 83 Resp: 118361

Ion Ratio Lower Upper

83 100

85 65.1 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.253 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV024796.D

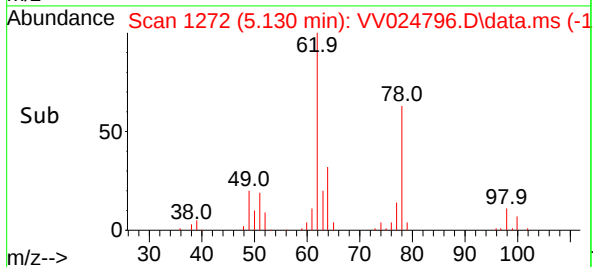
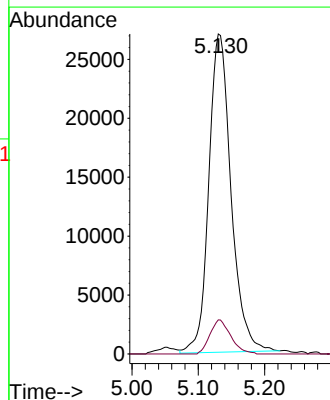
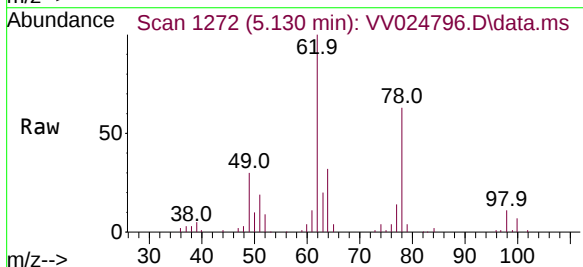
Acq: 22 Feb 2022 14:46

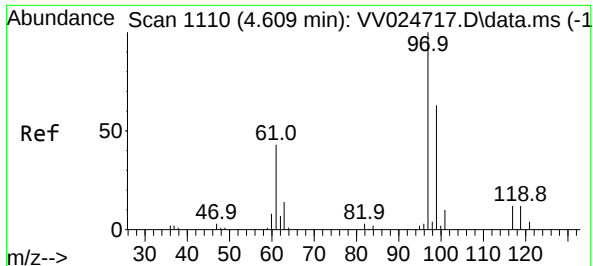
Tgt Ion: 62 Resp: 62937

Ion Ratio Lower Upper

62 100

98 10.6 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 5.366 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Instrument :

MSVOA_V

ClientSampleId :

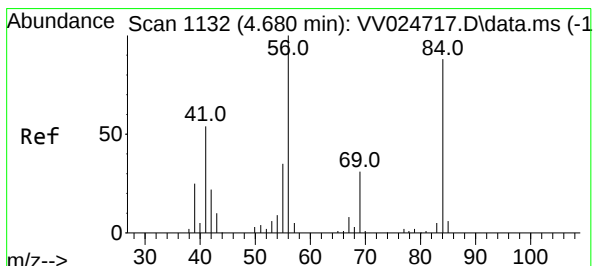
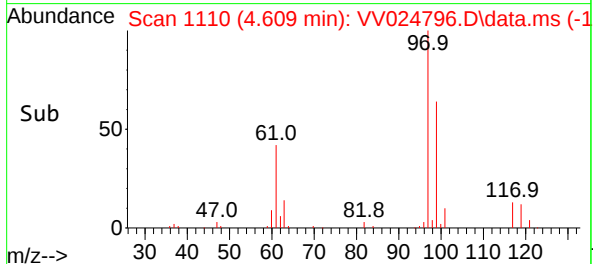
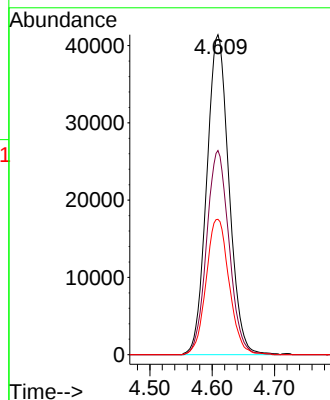
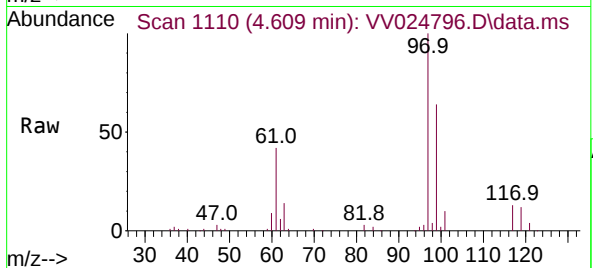
Tgt Ion: 97 Resp: 102610

Ion Ratio Lower Upper

97 100

99 64.5 50.5 75.7

61 43.9 35.8 53.6



#30

Cyclohexane

Concen: 5.270 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

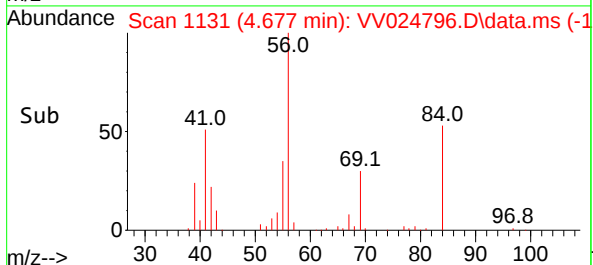
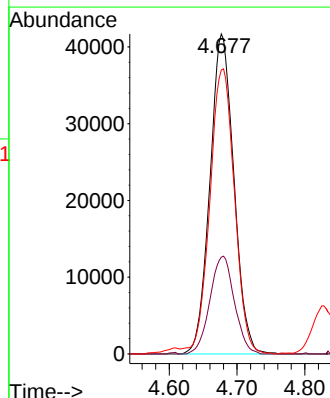
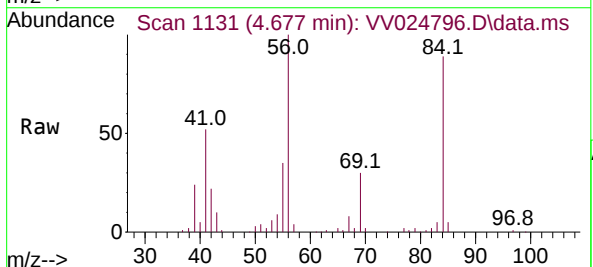
Tgt Ion: 56 Resp: 102212

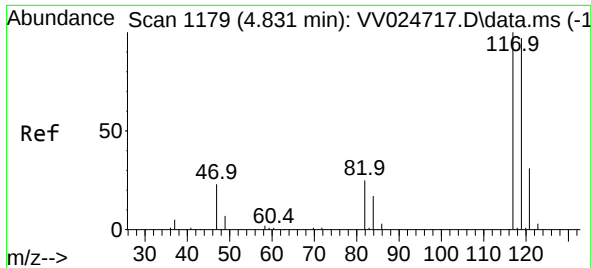
Ion Ratio Lower Upper

56 100

69 31.2 24.6 37.0

84 91.8 71.4 107.0

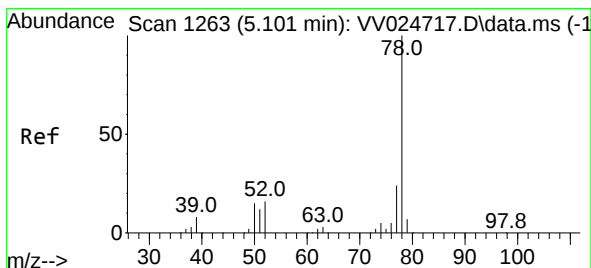
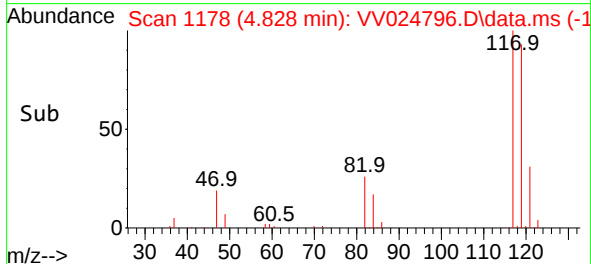
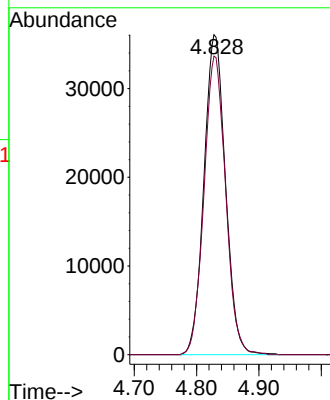
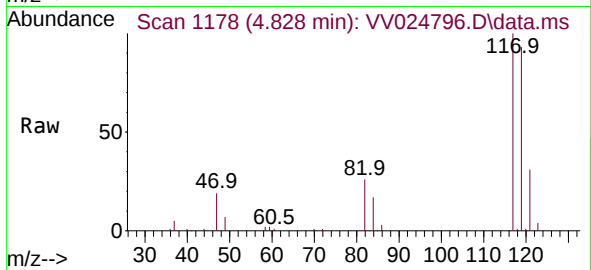




#31
Carbon tetrachloride
Concen: 5.380 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

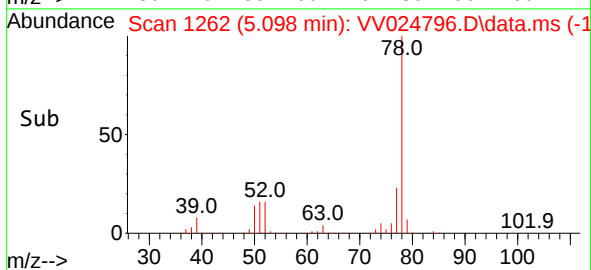
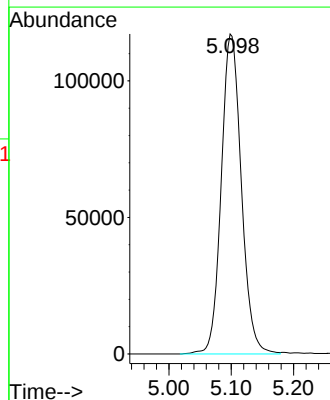
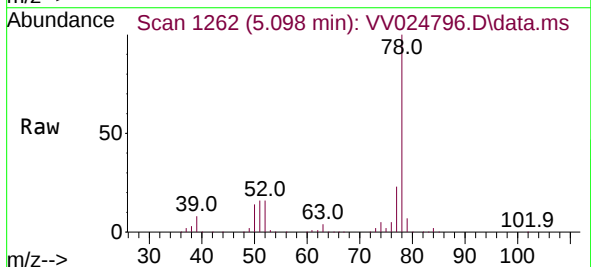
Instrument :
MSVOA_V
ClientSampleId :

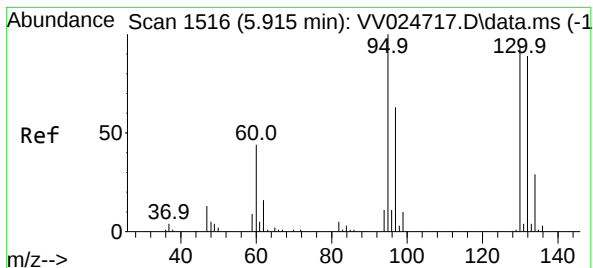
Tgt Ion:117 Resp: 86481
Ion Ratio Lower Upper
117 100
119 93.9 76.6 115.0



#33
Benzene
Concen: 5.425 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

Tgt Ion: 78 Resp: 261695





#34

Trichloroethene

Concen: 6.334 ug/L

RT: 5.911 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 80930

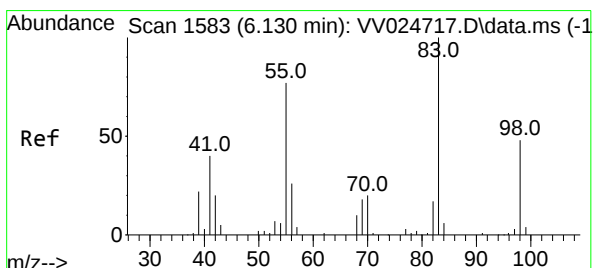
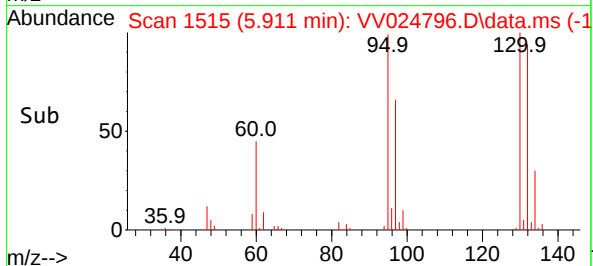
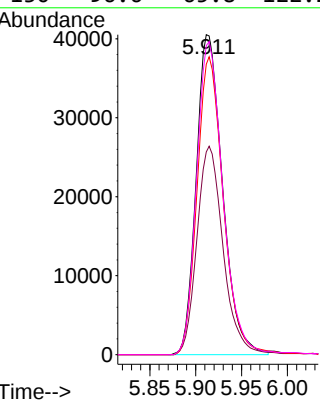
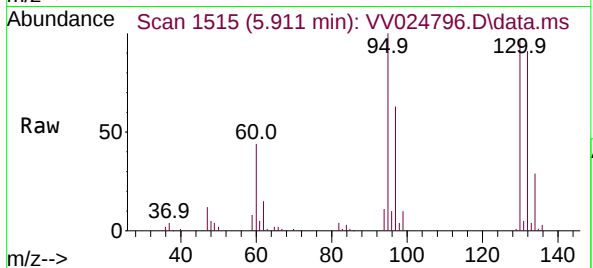
Ion Ratio Lower Upper

95 100

97 63.4 44.2 82.0

132 90.7 62.1 115.3

130 96.6 65.8 122.2



#35

Methylcyclohexane

Concen: 5.337 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

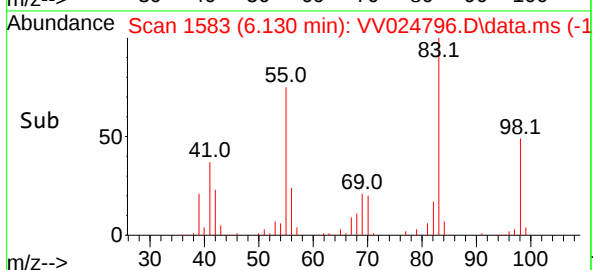
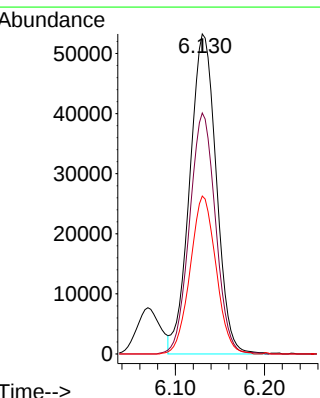
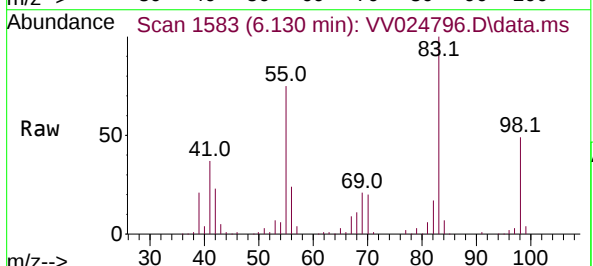
Tgt Ion: 83 Resp: 110169

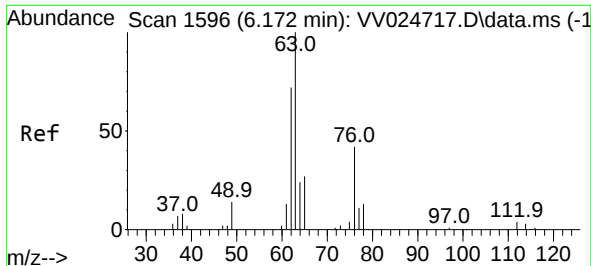
Ion Ratio Lower Upper

83 100

55 73.7 58.8 88.2

98 48.1 38.6 58.0





#37

1,2-Dichloropropane

Concen: 5.690 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Instrument :

MSVOA_V

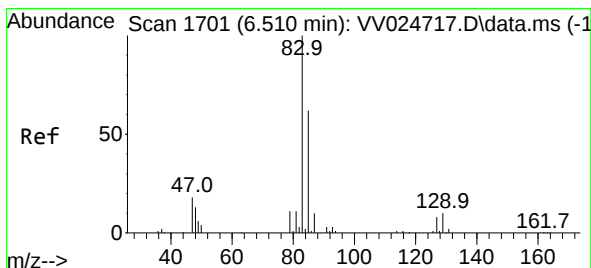
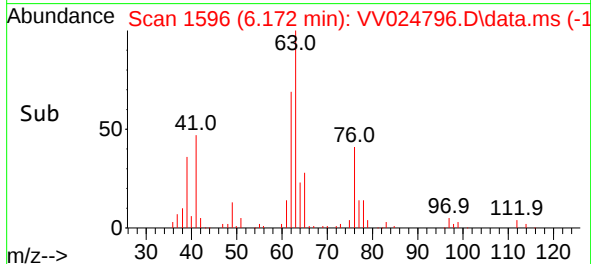
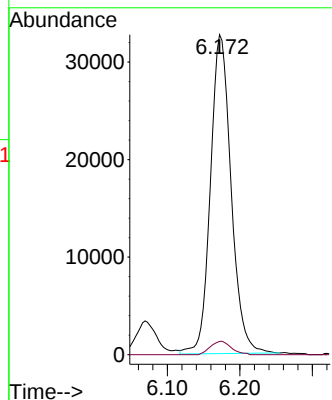
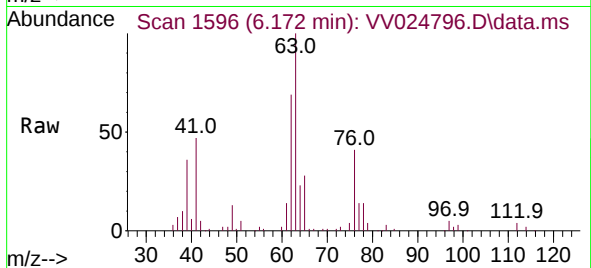
ClientSampleId :

Tgt Ion: 63 Resp: 64846

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 5.417 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

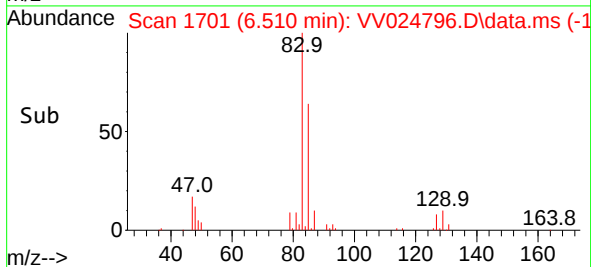
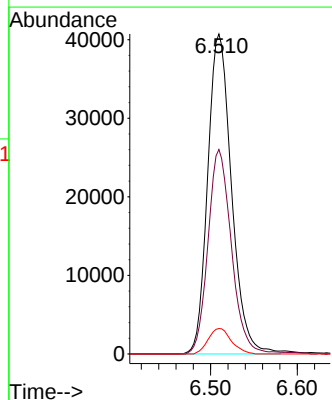
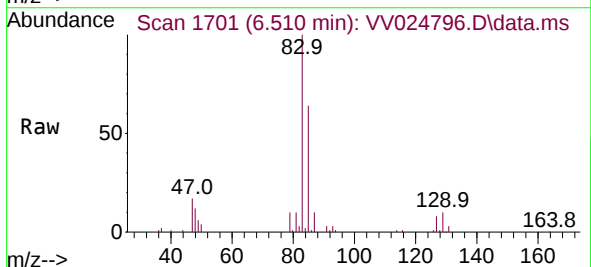
Tgt Ion: 83 Resp: 77714

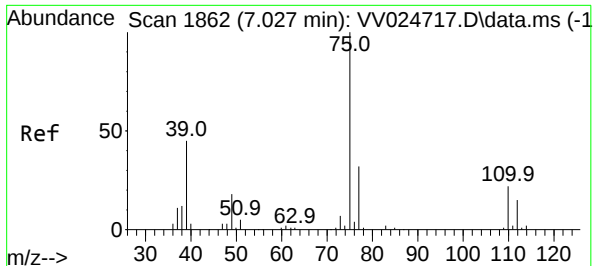
Ion Ratio Lower Upper

83 100

85 63.9 43.5 80.9

127 7.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.533 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Instrument :

MSVOA_V

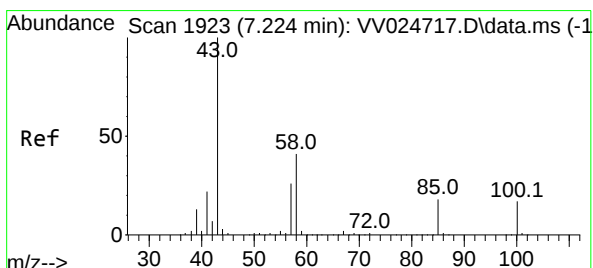
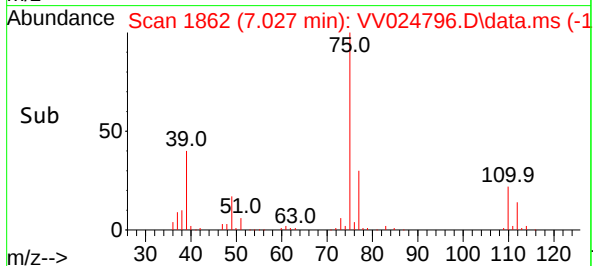
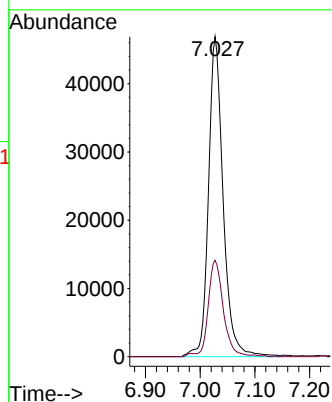
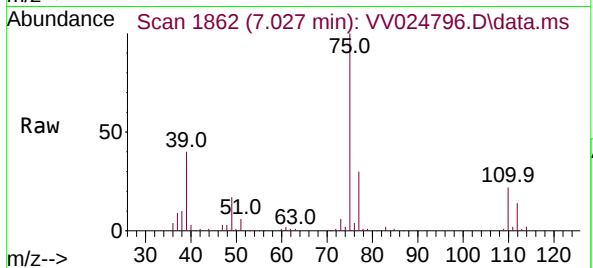
ClientSampleId :

Tgt Ion: 75 Resp: 87454

Ion Ratio Lower Upper

75 100

77 30.1 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 54.793 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

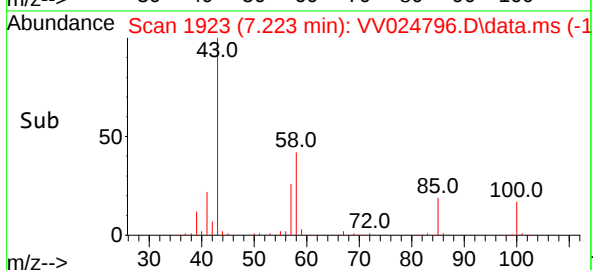
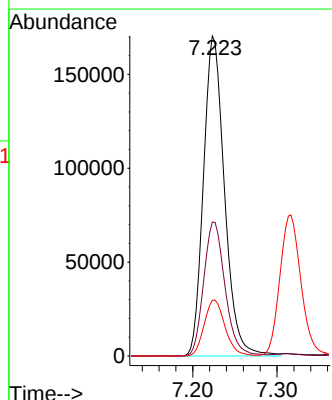
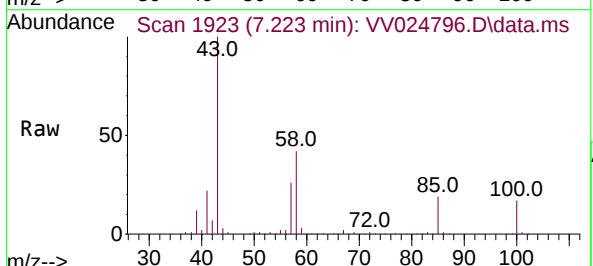
Tgt Ion: 43 Resp: 297038

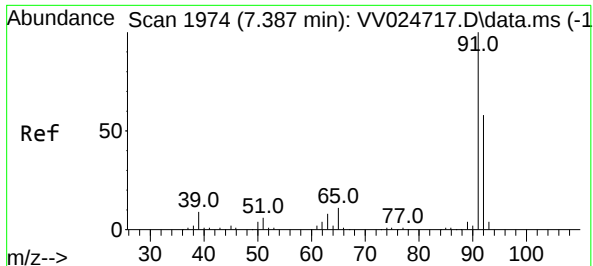
Ion Ratio Lower Upper

43 100

58 42.5 33.0 49.6

100 17.3 13.3 19.9





#42

Toluene

Concen: 5.421 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Instrument :

MSVOA_V

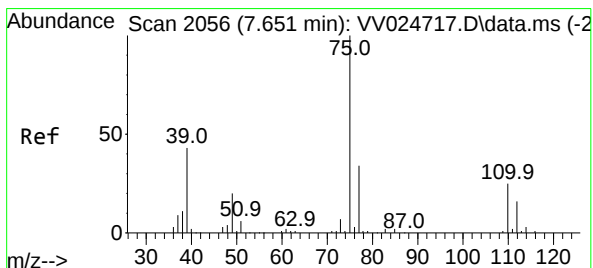
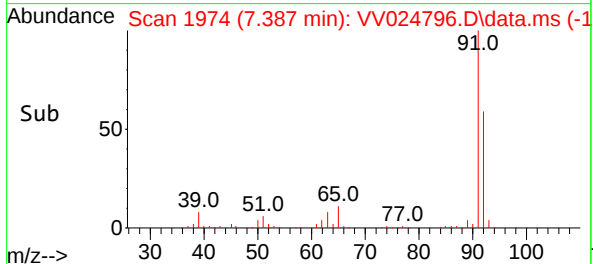
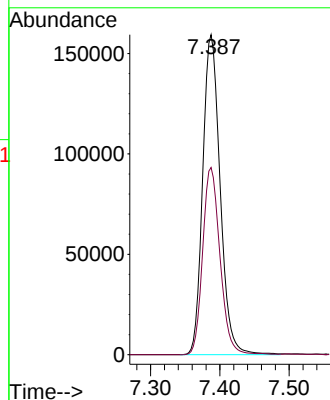
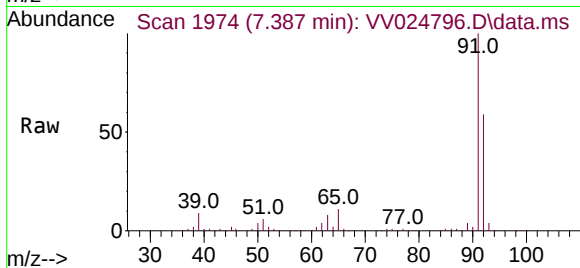
ClientSampleId :

Tgt Ion: 91 Resp: 278382

Ion Ratio Lower Upper

91 100

92 58.5 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.382 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV024796.D

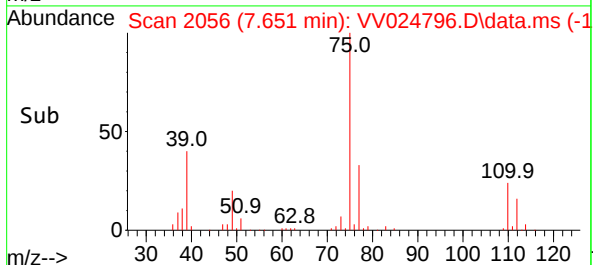
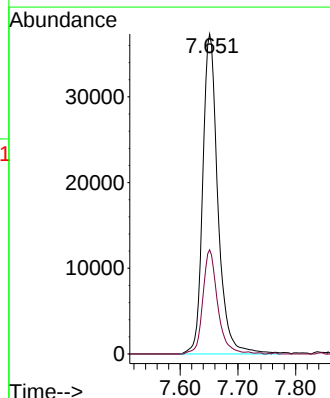
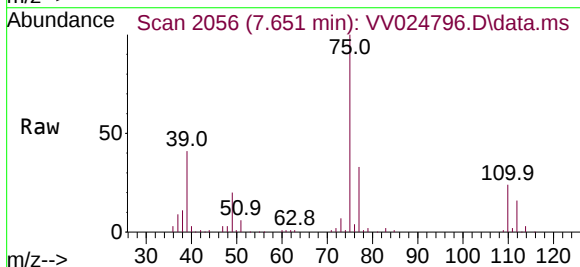
Acq: 22 Feb 2022 14:46

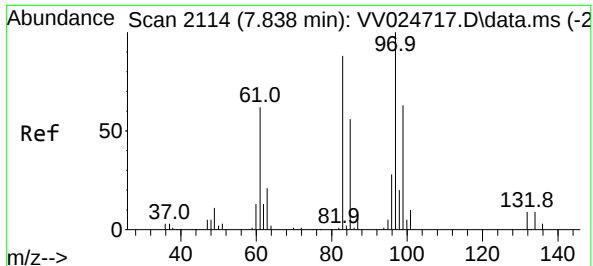
Tgt Ion: 75 Resp: 67978

Ion Ratio Lower Upper

75 100

77 32.6 23.5 43.7





#45

1,1,2-Trichloroethane

Concen: 5.612 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 41606

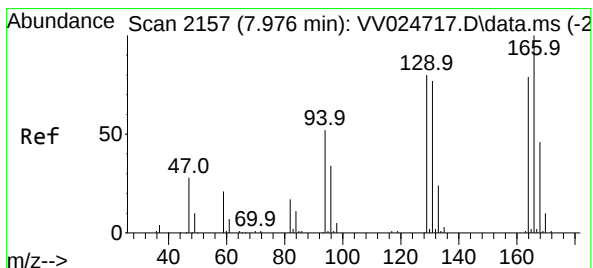
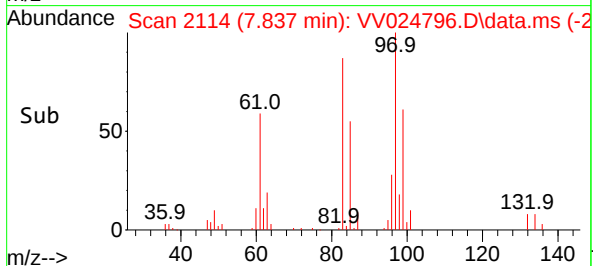
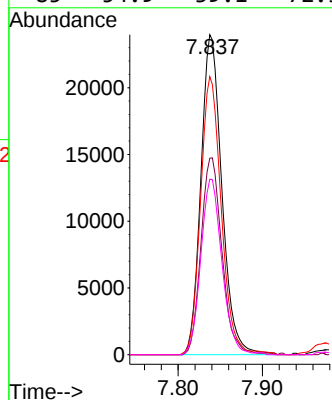
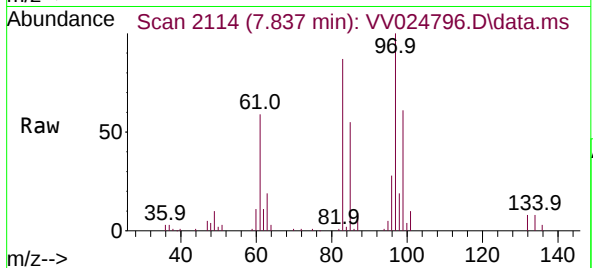
Ion Ratio Lower Upper

97 100

99 61.4 43.8 81.3

83 86.9 61.3 113.9

85 54.9 39.1 72.5



#47

Tetrachloroethene

Concen: 5.285 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Tgt Ion:164 Resp: 45989

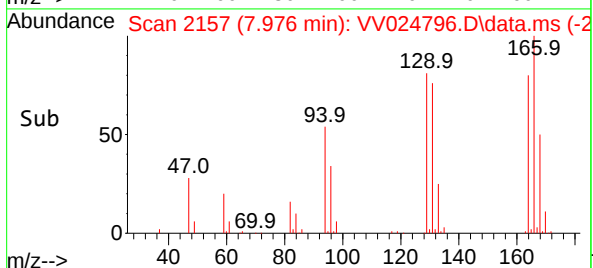
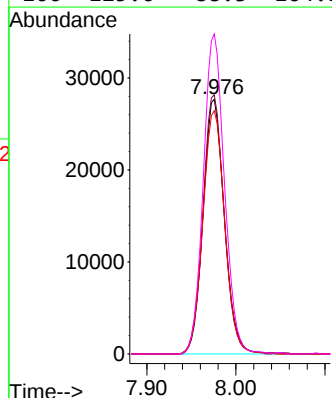
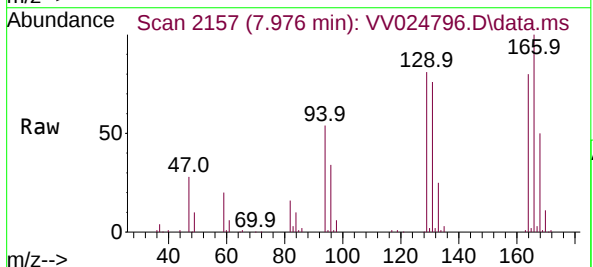
Ion Ratio Lower Upper

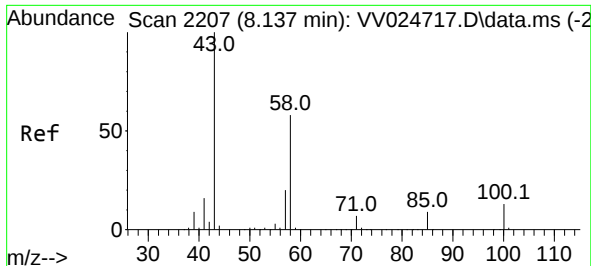
164 100

129 101.7 70.3 130.7

131 95.5 67.7 125.7

166 125.6 88.3 164.1



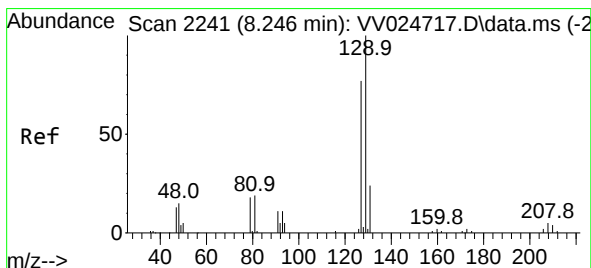
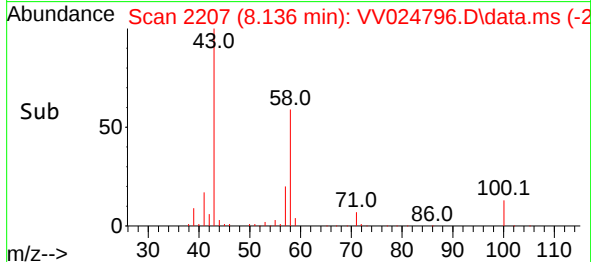
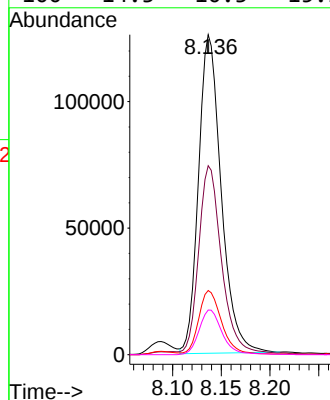
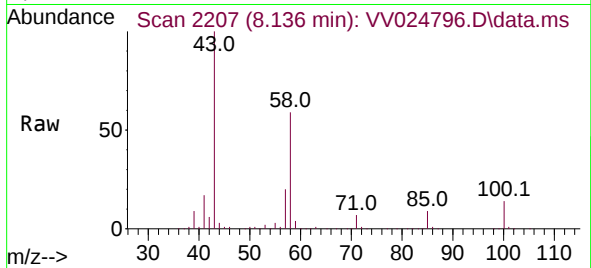


#48
2-Hexanone
Concen: 53.595 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 204280

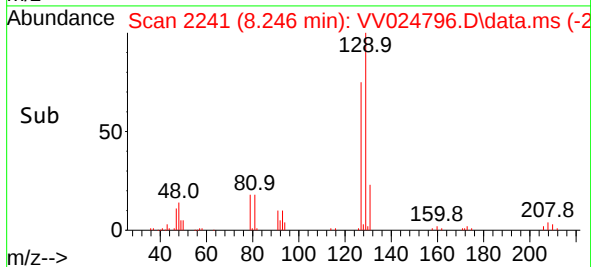
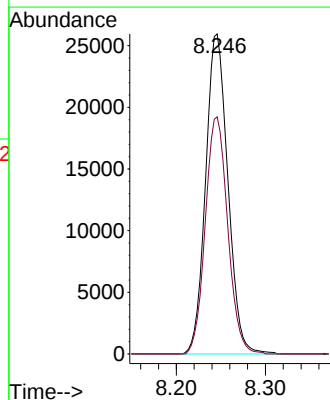
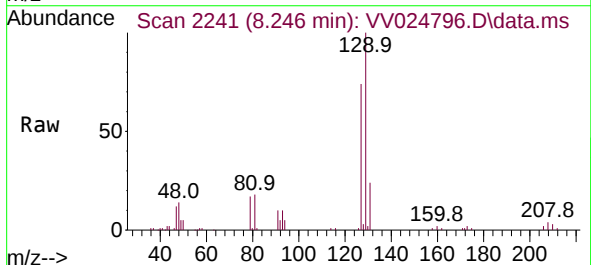
Ion	Ratio	Lower	Upper
43	100		
58	61.6	46.0	69.0
57	20.3	15.7	23.5
100	14.3	10.3	15.5

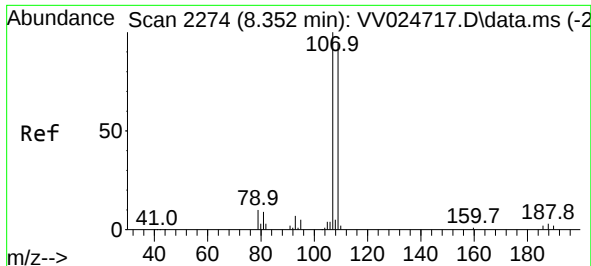


#49
Dibromochloromethane
Concen: 5.472 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

Tgt Ion: 129 Resp: 45024

Ion	Ratio	Lower	Upper
129	100		
127	74.1	53.6	99.6





#50

1,2-Dibromoethane

Concen: 5.530 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Instrument :

MSVOA_V

ClientSampleId :

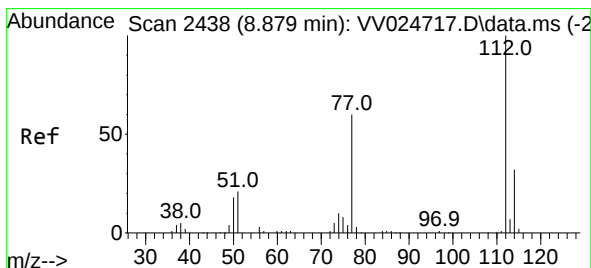
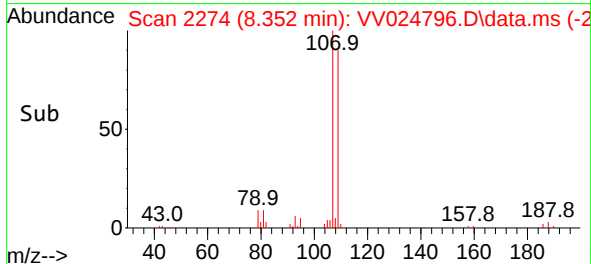
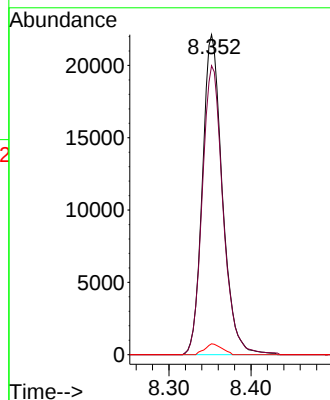
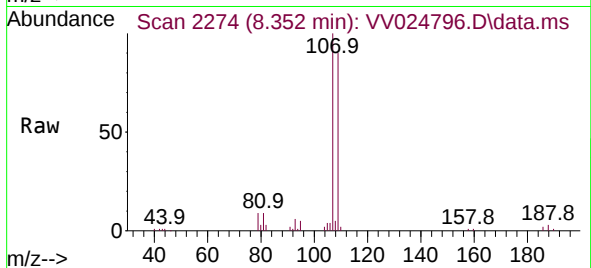
Tgt Ion:107 Resp: 37408

Ion Ratio Lower Upper

107 100

109 90.3 65.6 121.8

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 5.301 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

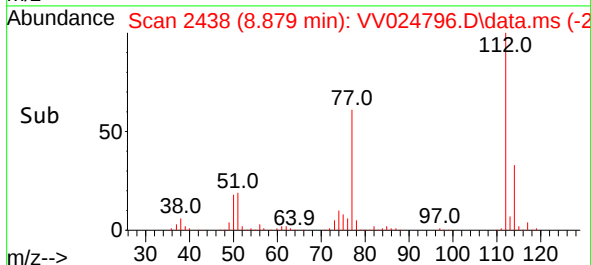
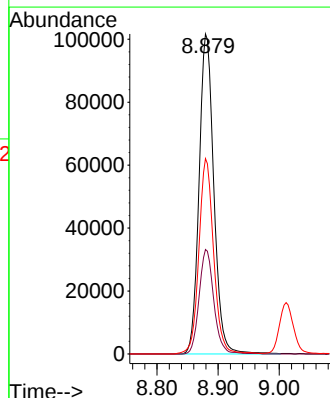
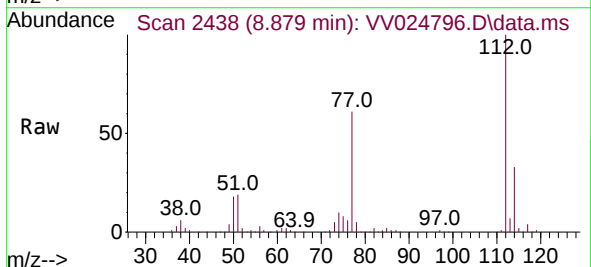
Tgt Ion:112 Resp: 170313

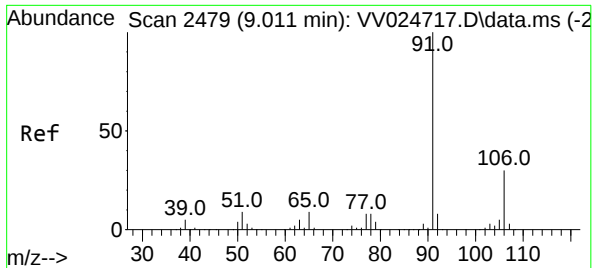
Ion Ratio Lower Upper

112 100

114 32.6 22.3 41.5

77 61.0 48.4 72.6





#52

Ethylbenzene

Concen: 5.378 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Instrument :

MSVOA_V

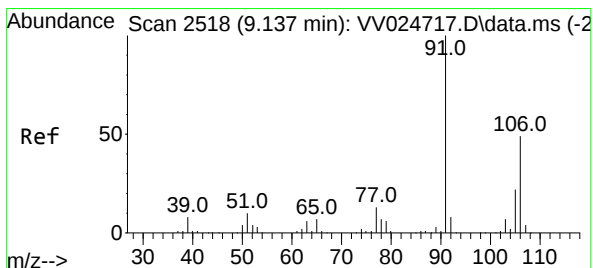
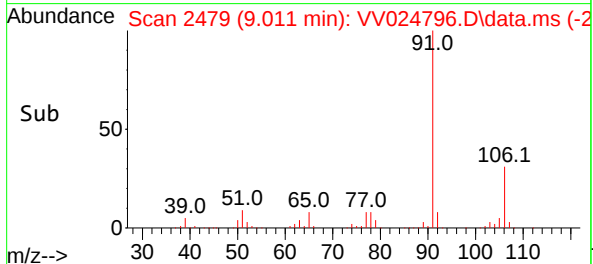
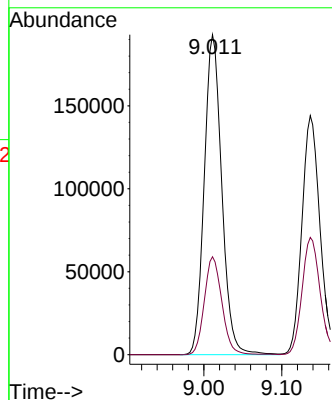
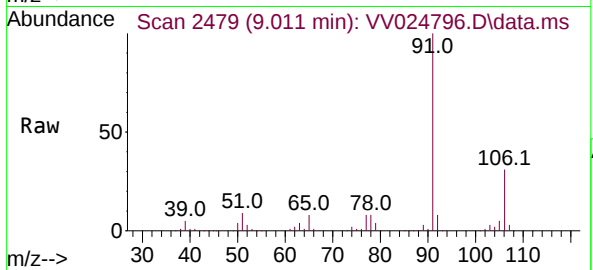
ClientSampleId :

Tgt Ion: 91 Resp: 301415

Ion Ratio Lower Upper

91 100

106 30.6 21.3 39.5



#53

m,p-xylene

Concen: 5.426 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV024796.D

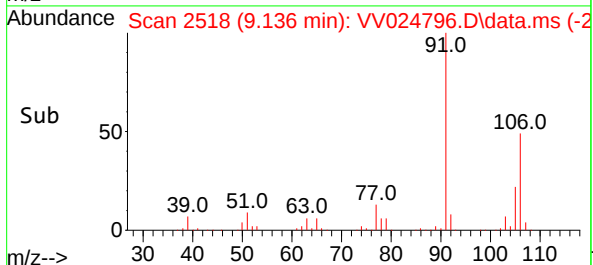
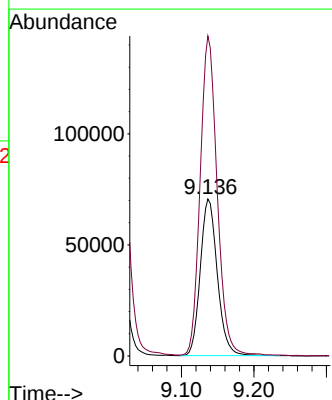
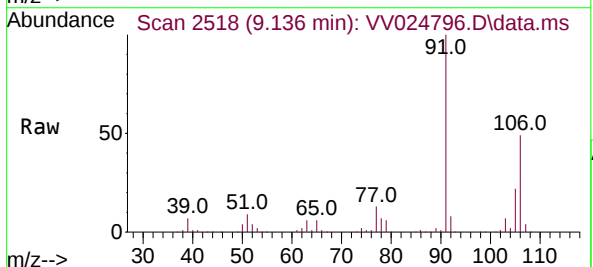
Acq: 22 Feb 2022 14:46

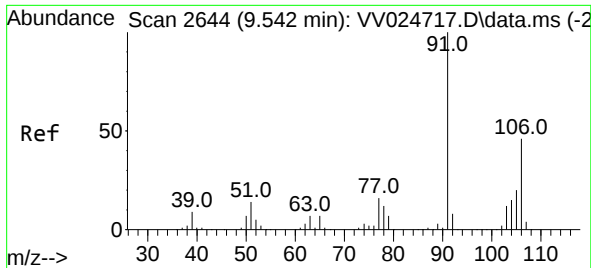
Tgt Ion:106 Resp: 114955

Ion Ratio Lower Upper

106 100

91 203.8 143.6 266.6

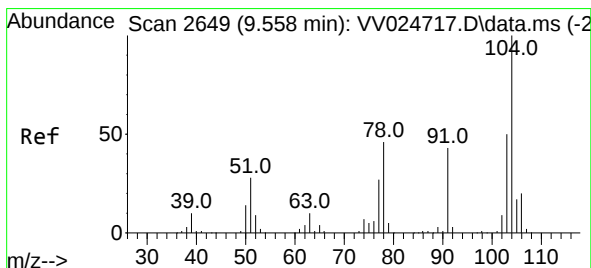
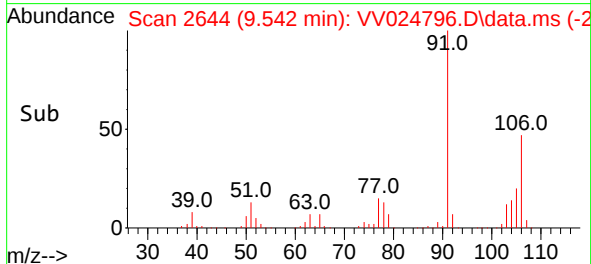
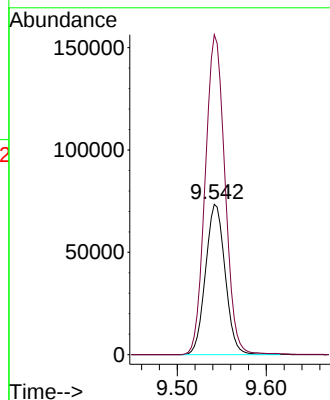
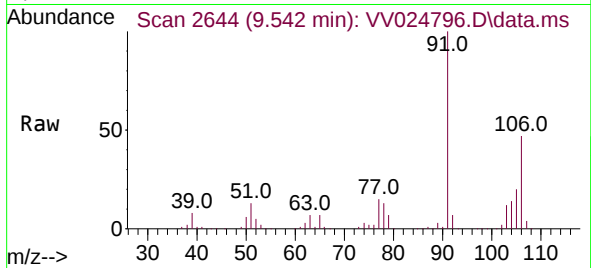




#54
o-xylene
Concen: 5.430 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

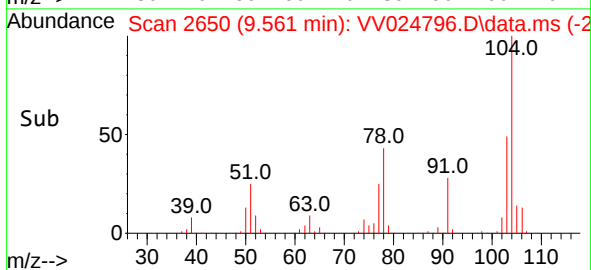
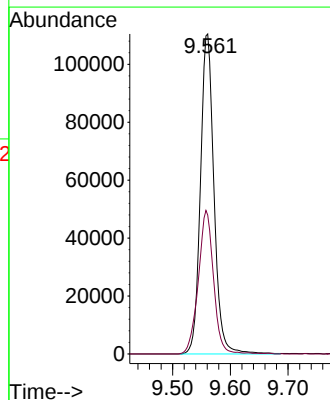
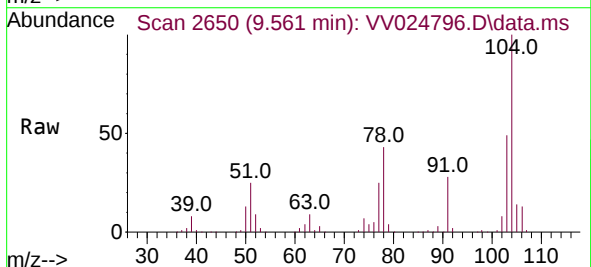
Instrument :
MSVOA_V
ClientSampleId :

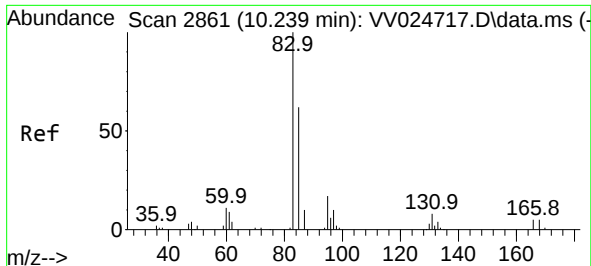
Tgt Ion:106 Resp: 112434
Ion Ratio Lower Upper
106 100
91 212.8 152.2 282.7



#55
Styrene
Concen: 5.361 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

Tgt Ion:104 Resp: 180563
Ion Ratio Lower Upper
104 100
78 43.4 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.378 ug/L

RT: 10.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Instrument :

MSVOA_V

ClientSampleId :

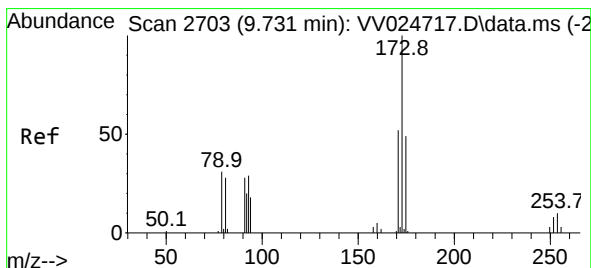
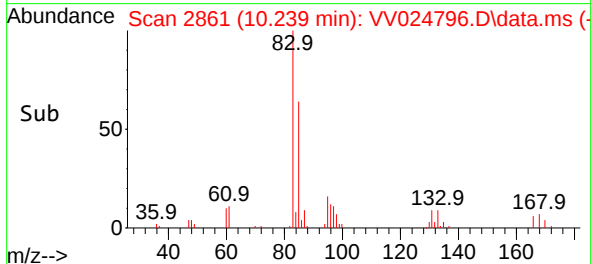
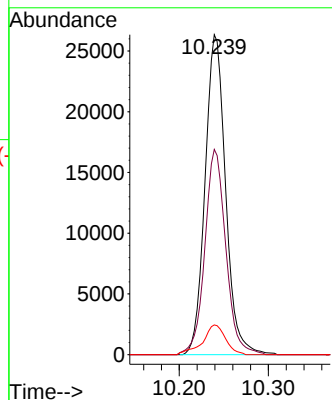
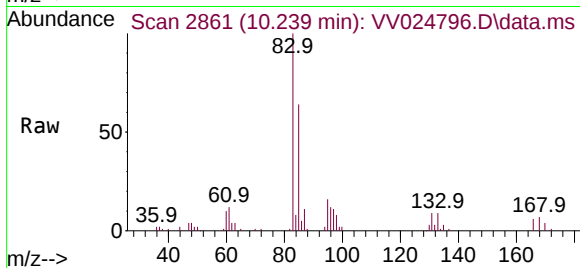
Tgt Ion: 83 Resp: 42172

Ion Ratio Lower Upper

83 100

85 64.2 43.9 81.5

131 9.3 7.0 10.4



#59

Bromoform

Concen: 5.161 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

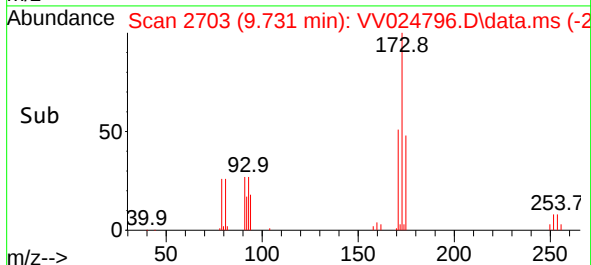
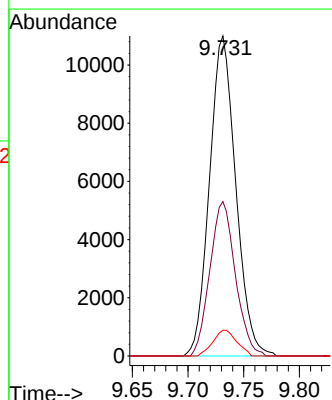
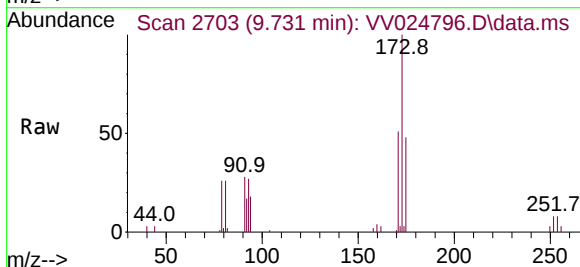
Tgt Ion: 173 Resp: 18041

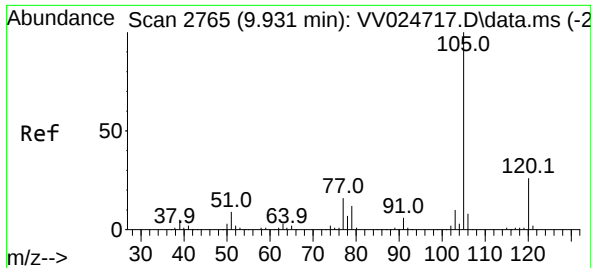
Ion Ratio Lower Upper

173 100

175 46.7 39.4 59.0

254 7.3 7.0 10.4

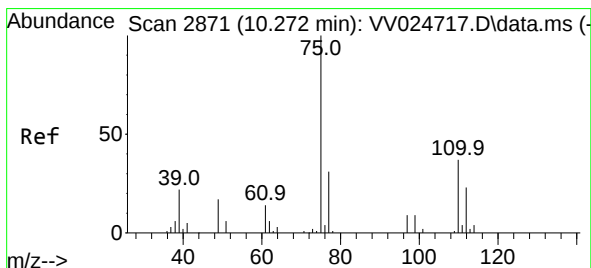
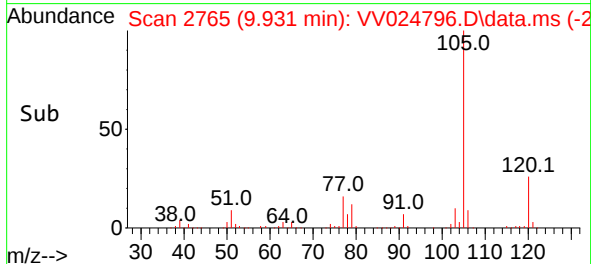
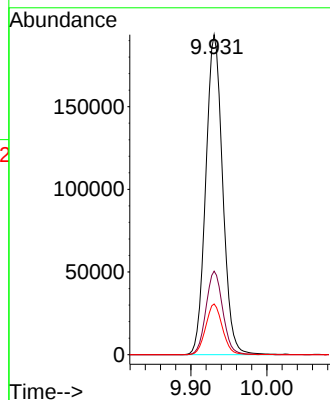
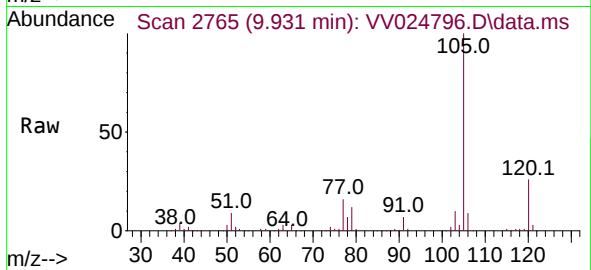




#60
Isopropylbenzene
Concen: 5.228 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

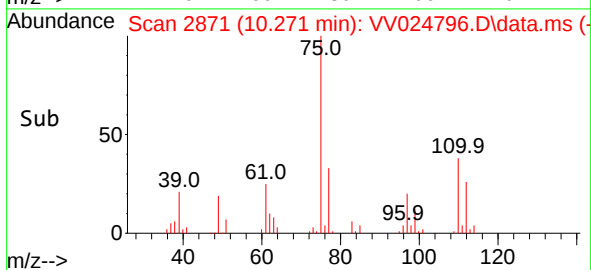
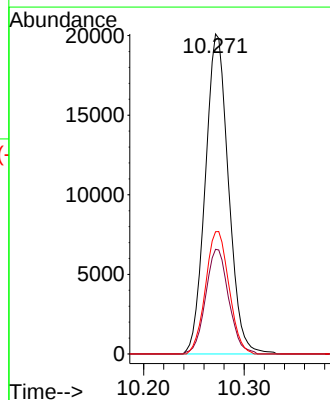
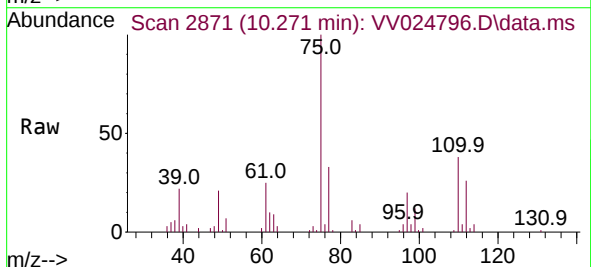
Instrument :
MSVOA_V
ClientSampleId :

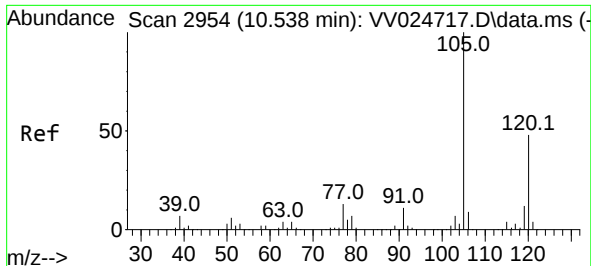
Tgt Ion:105 Resp: 298632
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.7 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 5.144 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

Tgt Ion: 75 Resp: 32193
Ion Ratio Lower Upper
75 100
77 32.6 26.3 39.5
110 38.7 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 5.169 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Instrument :

MSVOA_V

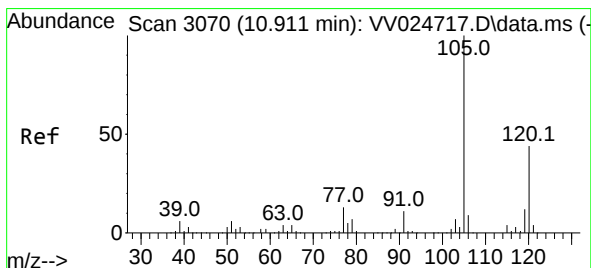
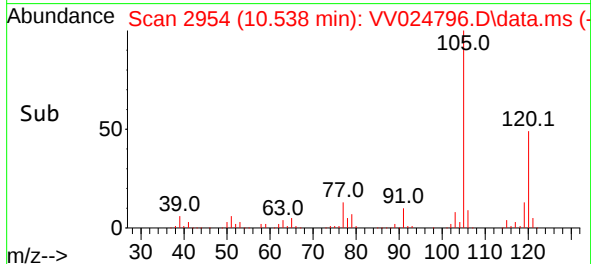
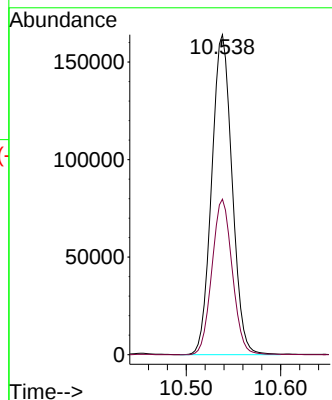
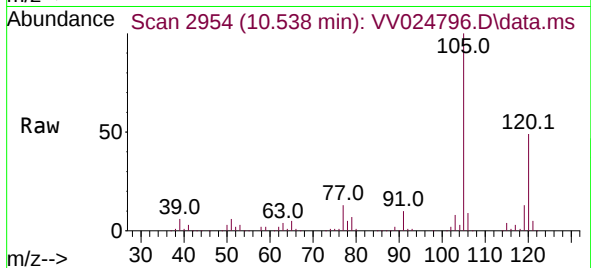
ClientSampleId :

Tgt Ion:105 Resp: 246115

Ion Ratio Lower Upper

105 100

120 48.4 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 5.230 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV024796.D

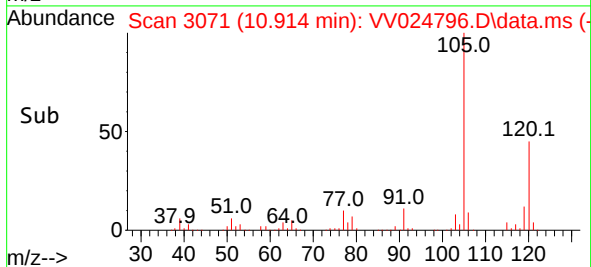
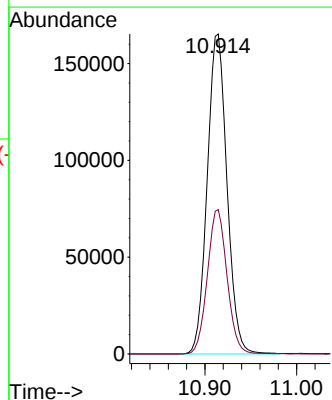
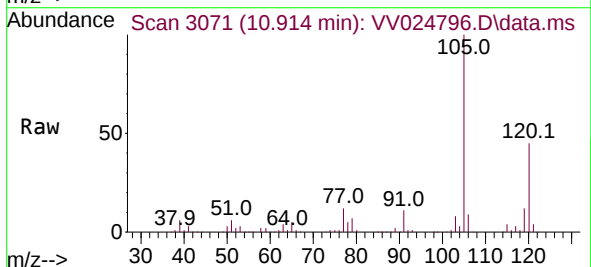
Acq: 22 Feb 2022 14:46

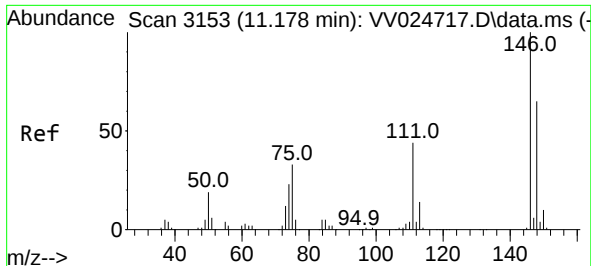
Tgt Ion:105 Resp: 247176

Ion Ratio Lower Upper

105 100

120 45.1 35.9 53.9

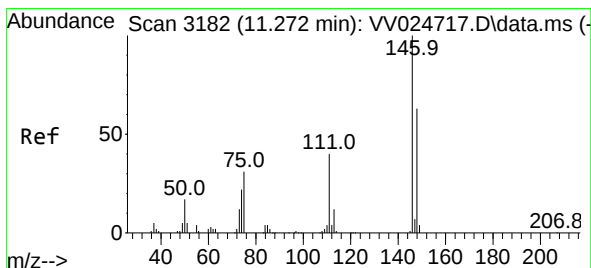
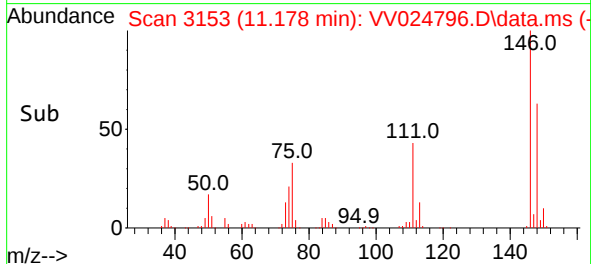
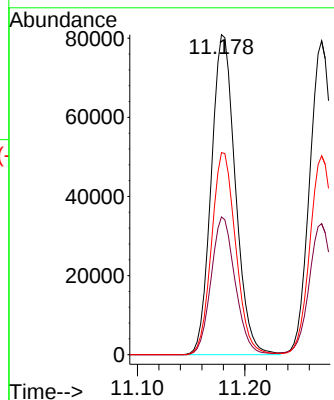
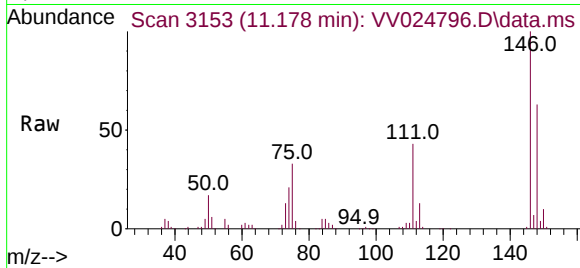




#64
1,3-Dichlorobenzene
Concen: 5.247 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

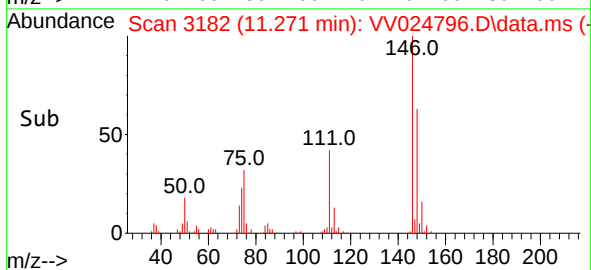
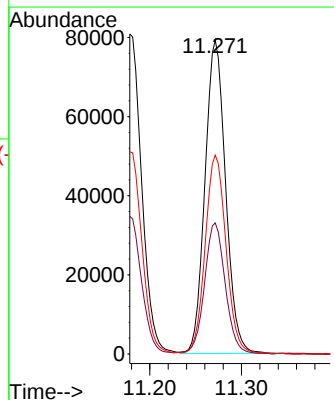
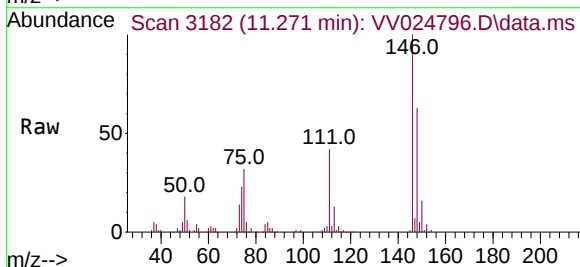
Instrument :
MSVOA_V
ClientSampleId :

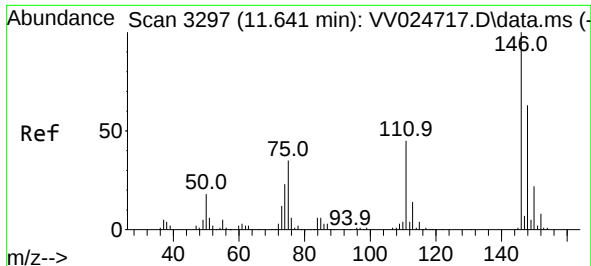
Tgt Ion:146 Resp: 126394
Ion Ratio Lower Upper
146 100
111 43.1 31.0 57.6
148 63.1 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.144 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

Tgt Ion:146 Resp: 123758
Ion Ratio Lower Upper
146 100
111 41.7 28.3 52.7
148 63.4 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 5.272 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

Instrument :

MSVOA_V

ClientSampleId :

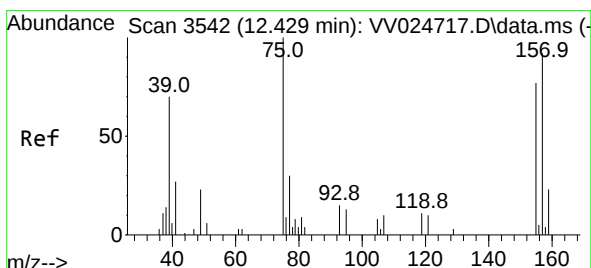
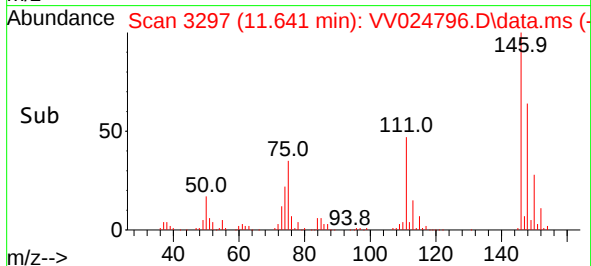
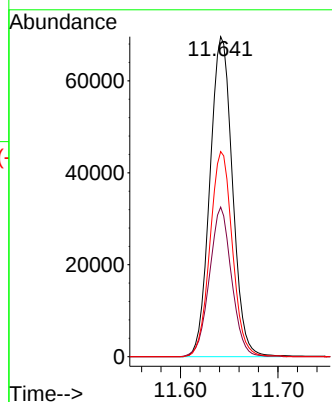
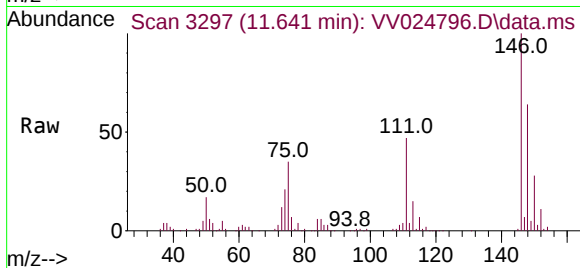
Tgt Ion:146 Resp: 112031

Ion Ratio Lower Upper

146 100

111 46.8 36.0 54.0

148 64.1 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.156 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024796.D

Acq: 22 Feb 2022 14:46

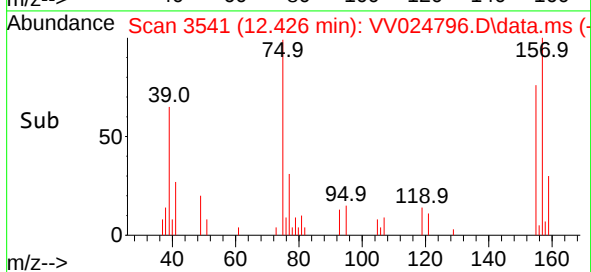
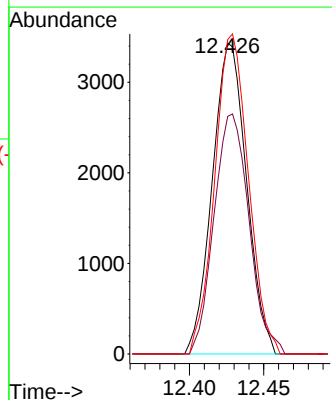
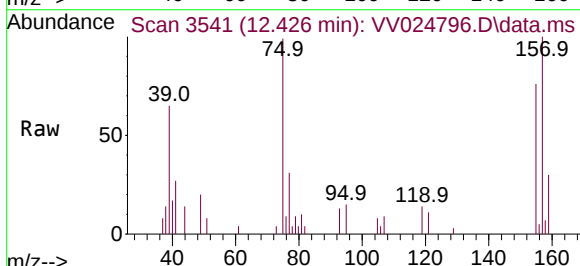
Tgt Ion: 75 Resp: 5517

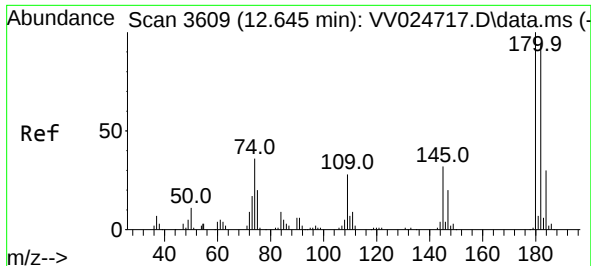
Ion Ratio Lower Upper

75 100

155 76.4 61.7 92.5

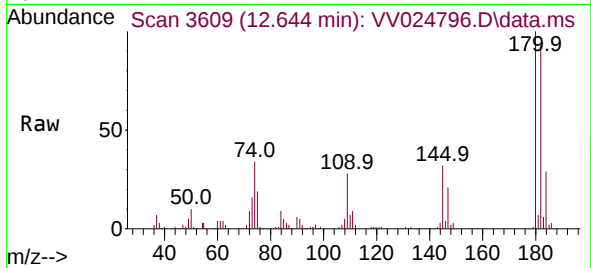
157 101.2 73.5 110.3



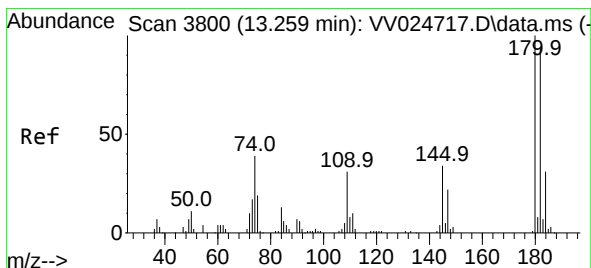
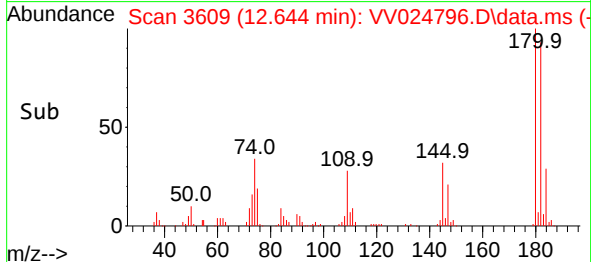
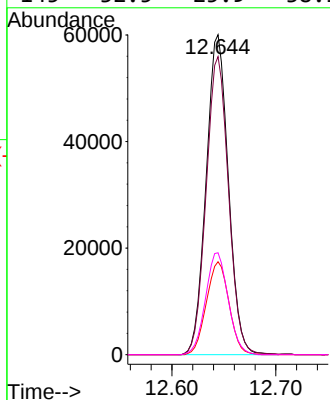


#69
 1,3,5-Trichlorobenzene
 Concen: 5.222 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV024796.D
 Acq: 22 Feb 2022 14:46

Instrument :
 MSVOA_V
 ClientSampleId :

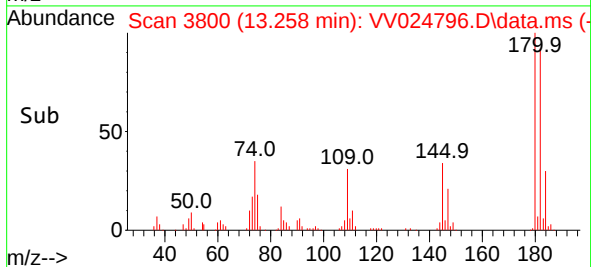
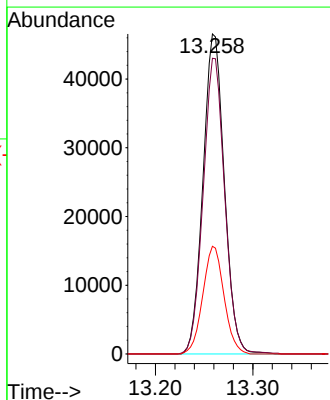
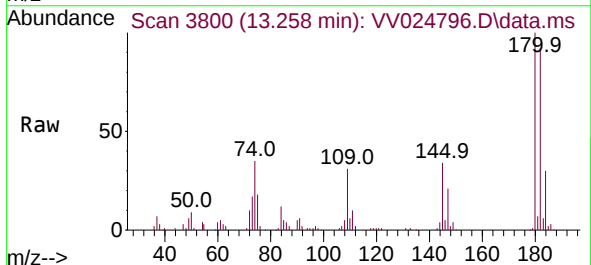


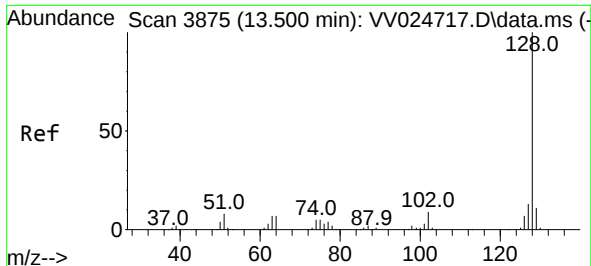
Tgt Ion:180 Resp: 89198
 Ion Ratio Lower Upper
 180 100
 182 93.9 74.6 111.8
 184 29.5 23.8 35.8
 145 32.5 25.9 38.9



#70
 1,2,4-trichlorobenzene
 Concen: 5.266 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024796.D
 Acq: 22 Feb 2022 14:46

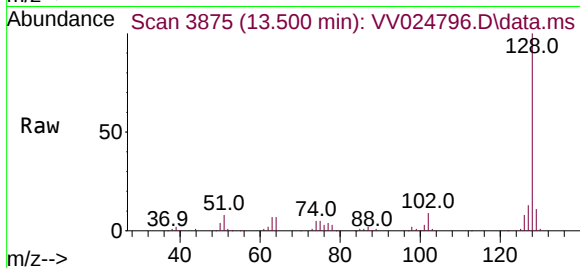
Tgt Ion:180 Resp: 70876
 Ion Ratio Lower Upper
 180 100
 182 93.4 75.0 112.6
 145 33.4 26.9 40.3



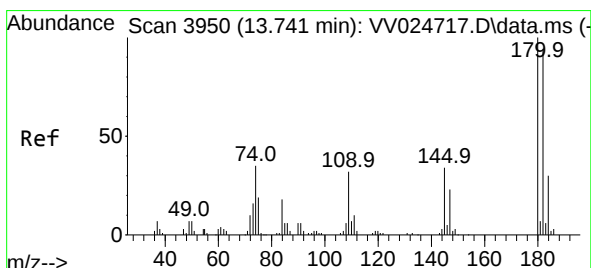
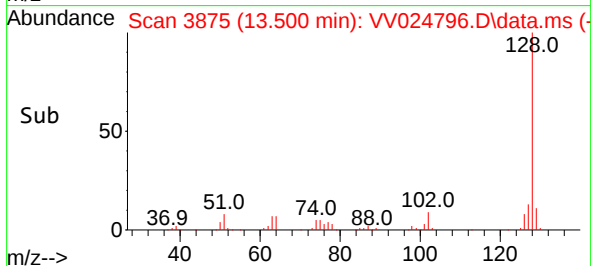
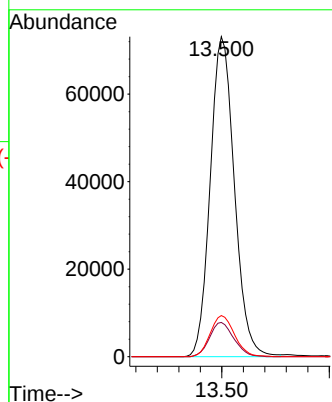


#71
Naphthalene
Concen: 4.985 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 114098
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.255 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024796.D
Acq: 22 Feb 2022 14:46

Tgt Ion:180 Resp: 59188
Ion Ratio Lower Upper
180 100
182 93.1 75.6 113.4
145 35.9 28.5 42.7

