

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023875.D
 Acq On : 09 Dec 2021 20:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 10 03:27:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	107257	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	104837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60474	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37917	4.306	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.568	69	31440	4.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.111	63	68583	4.420	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	3.905	46	47715	45.078	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.160%
24) Chloroform-d	4.352	84	80795	5.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.037	65	36794	5.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.053	84	142540	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.072	67	42657	5.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.317	98	134656	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	7.625	79	17523	5.430	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.600%
46) 2-Hexanone-d5	8.092	63	77072	71.880	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	143.760%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33558	5.825	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	55169	5.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	48485	4.764	ug/L	99
3) Chloromethane	1.240	50	41067	4.642	ug/L	97
5) Vinyl chloride	1.310	62	43992	4.735	ug/L	98
6) Bromomethane	1.523	94	27143	5.152	ug/L	99
8) Chloroethane	1.587	64	28180	4.786	ug/L	96
9) Trichlorofluoromethane	1.754	101	77266	5.104	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	41170	5.427	ug/L	98
12) 1,1-Dichloroethene	2.121	96	37051	5.156	ug/L	98
13) Acetone	2.198	43	19723	20.707	ug/L	98
14) Carbon disulfide	2.298	76	109800	4.546	ug/L	99
15) Methyl Acetate	2.445	43	9840	4.552	ug/L	98
16) Methylene chloride	2.507	84	42807	4.175	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	79855	5.422	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	40910	4.998	ug/L	99
19) 1,1-Dichloroethane	3.191	63	71954	5.228	ug/L	98
21) 2-Butanone	3.995	43	38979	32.333	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	42797	5.452	ug/L	98
23) Bromochloromethane	4.256	128	19606	5.322	ug/L	94
25) Chloroform	4.375	83	79612	5.192	ug/L	99

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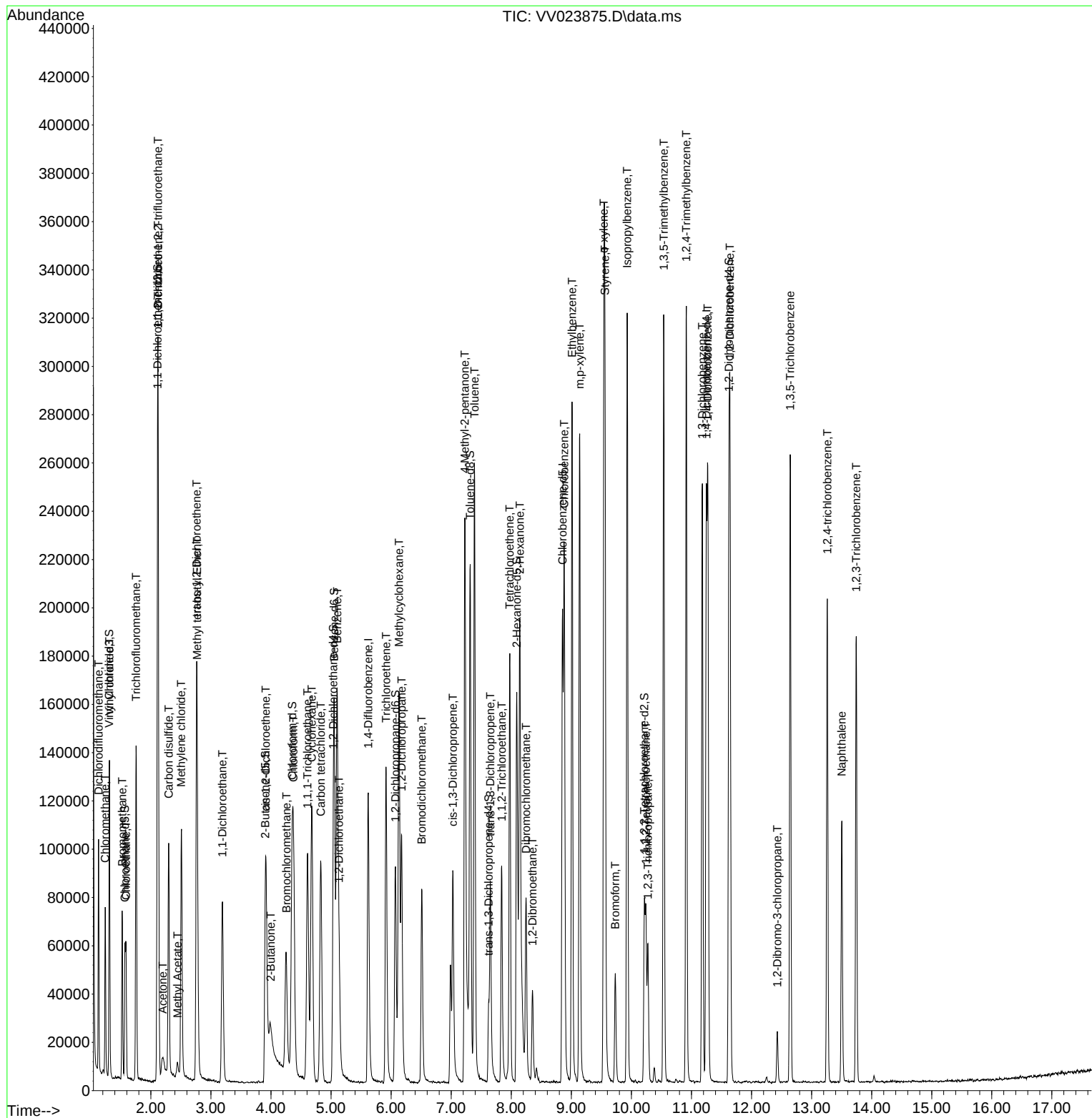
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	43552	5.343	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	75949	5.544	ug/L	99
30) Cyclohexane	4.680	56	60135	5.260	ug/L	99
31) Carbon tetrachloride	4.828	117	68090	5.426	ug/L	98
33) Benzene	5.101	78	161785	5.413	ug/L	100
34) Trichloroethene	5.915	95	43414	5.422	ug/L	97
35) Methylcyclohexane	6.130	83	66672	5.341	ug/L	98
37) 1,2-Dichloropropane	6.175	63	37597	5.292	ug/L	99
38) Bromodichloromethane	6.510	83	53024	5.499	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	53805	5.322	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	193646	57.099	ug/L	98
42) Toluene	7.387	91	188518	5.816	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	46848	5.513	ug/L	90
45) 1,1,2-Trichloroethane	7.841	97	28035	5.699	ug/L	98
47) Tetrachloroethene	7.976	164	39893	5.474	ug/L	96
48) 2-Hexanone	8.143	43	139976	55.842	ug/L	98
49) Dibromochloromethane	8.246	129	38715	5.743	ug/L	96
50) 1,2-Dibromoethane	8.352	107	27140	5.658	ug/L	97
51) Chlorobenzene	8.882	112	121035	5.632	ug/L	99
52) Ethylbenzene	9.011	91	194303	5.735	ug/L	98
53) m,p-xylene	9.140	106	77633	5.757	ug/L	100
54) o-xylene	9.542	106	74589	5.816	ug/L	98
55) Styrene	9.561	104	129862	6.010	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	30555	5.583	ug/L	99
59) Bromoform	9.731	173	20877	5.227	ug/L	98
60) Isopropylbenzene	9.931	105	204101	5.652	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	22355	5.212	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	168542	5.609	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	170366	5.734	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	103000	5.579	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	101366	5.463	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	92683	5.485	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5076	5.960	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	81066	5.624	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	61827	5.528	ug/L	98
71) Naphthalene	13.503	128	86880	5.772	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	55670	5.745	ug/L	99

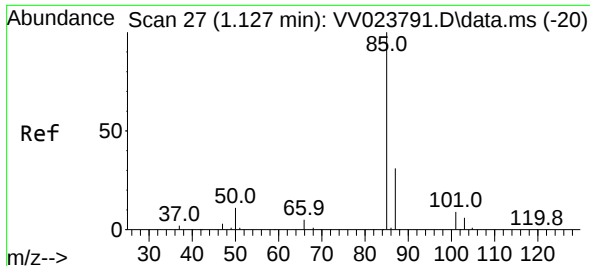
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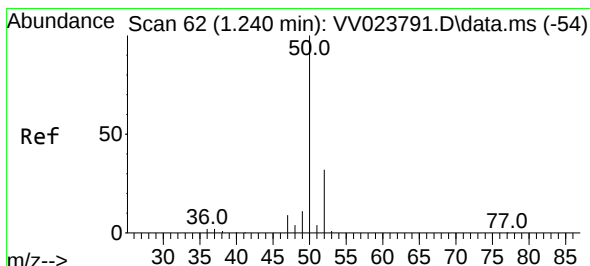
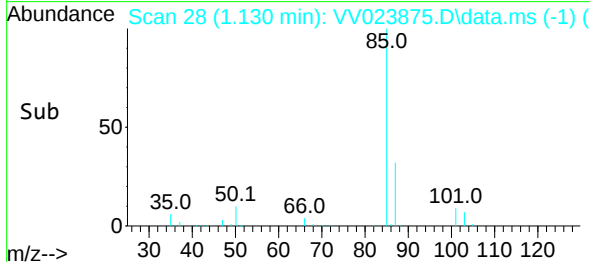
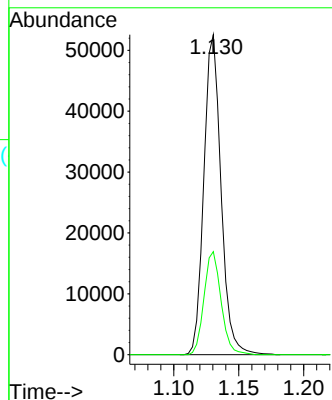
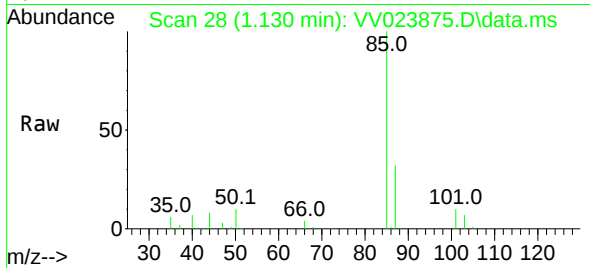




#2
 Dichlorodifluoromethane
 Concen: 4.764 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV023875.D
 Acq: 09 Dec 2021 20:40

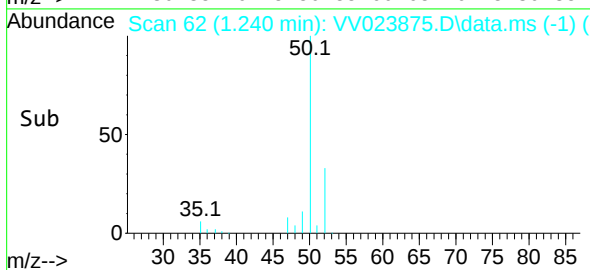
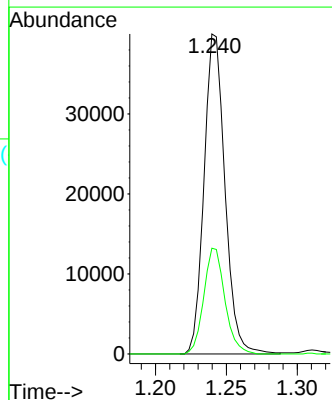
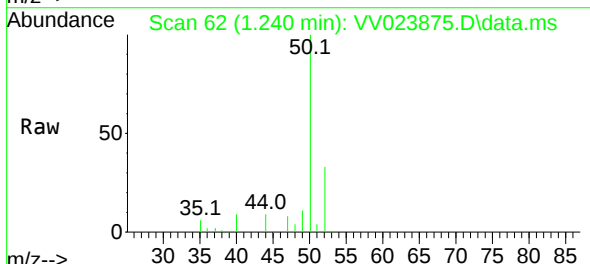
Instrument :
 MSVOA_V
 ClientSampleId :

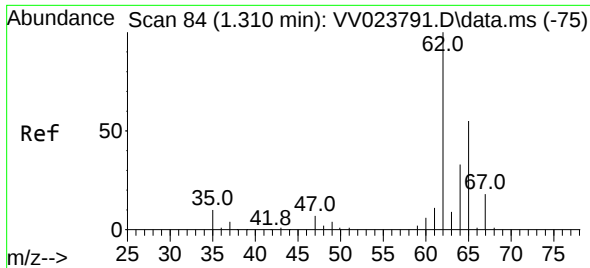
Tgt Ion: 85 Resp: 48485
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.0 39.0



#3
 Chloromethane
 Concen: 4.642 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023875.D
 Acq: 09 Dec 2021 20:40

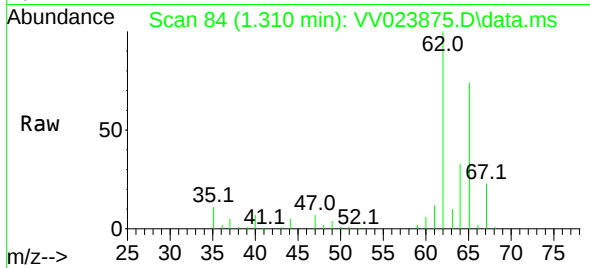
Tgt Ion: 50 Resp: 41067
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.0 41.0



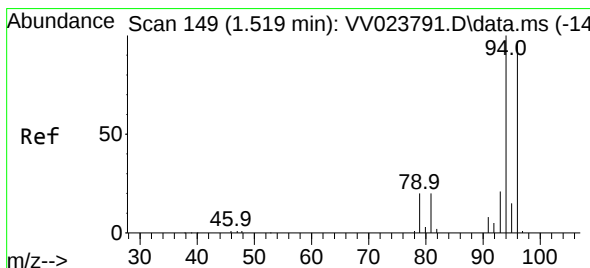
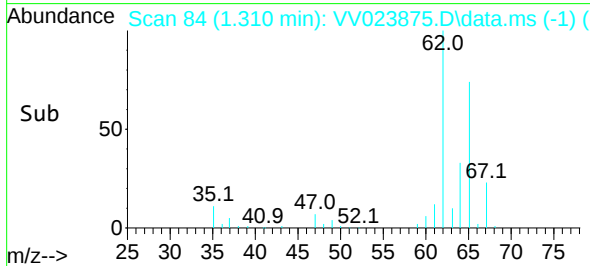
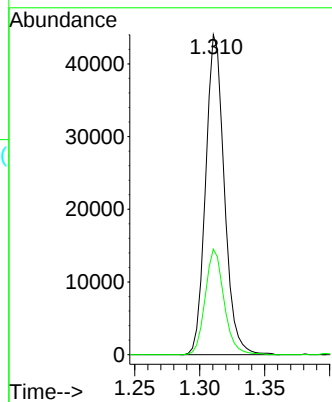


#5
 Vinyl chloride
 Concen: 4.735 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023875.D
 Acq: 09 Dec 2021 20:40

Instrument :
 MSVOA_V
 ClientSampleId :

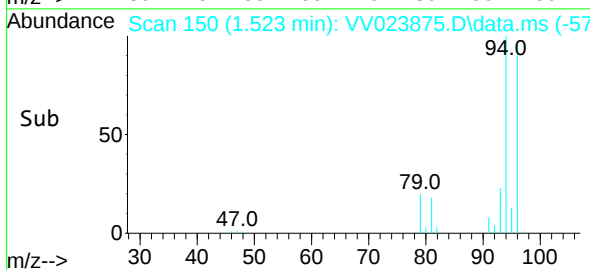
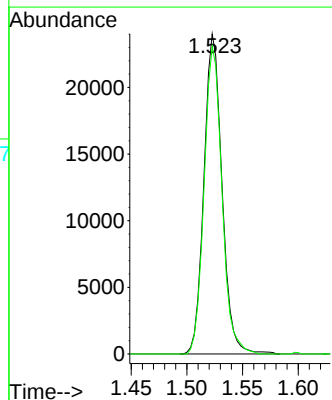
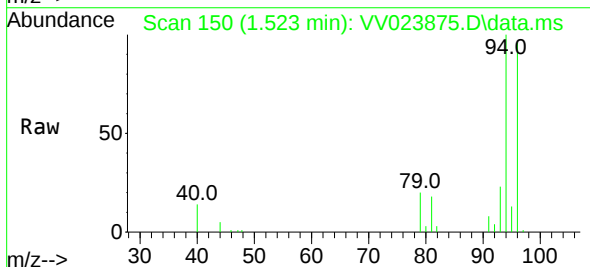


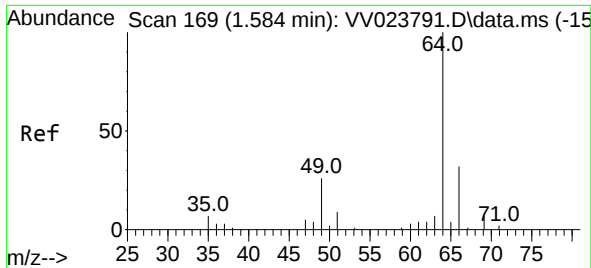
Tgt Ion: 62 Resp: 43992
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.4 41.6



#6
 Bromomethane
 Concen: 5.152 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023875.D
 Acq: 09 Dec 2021 20:40

Tgt Ion: 94 Resp: 27143
 Ion Ratio Lower Upper
 94 100
 96 96.0 66.2 123.0





#8

Chloroethane

Concen: 4.786 ug/L

RT: 1.587 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Instrument :

MSVOA_V

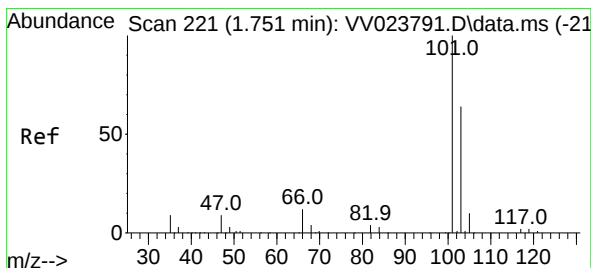
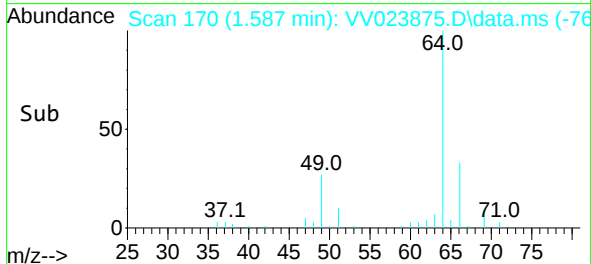
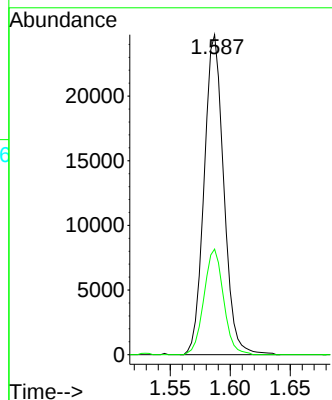
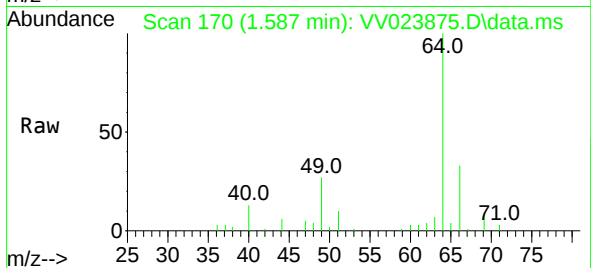
ClientSampleId :

Tgt Ion: 64 Resp: 28180

Ion Ratio Lower Upper

64 100

66 33.0 21.4 39.8



#9

Trichlorofluoromethane

Concen: 5.104 ug/L

RT: 1.754 min Scan# 222

Delta R.T. 0.000 min

Lab File: VV023875.D

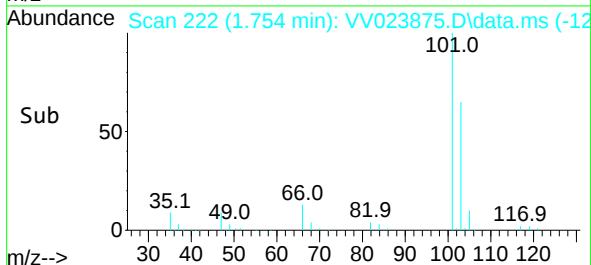
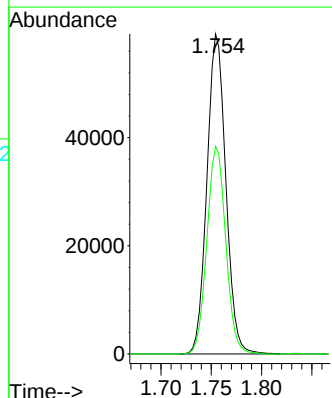
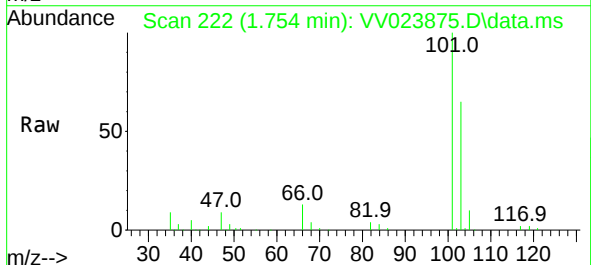
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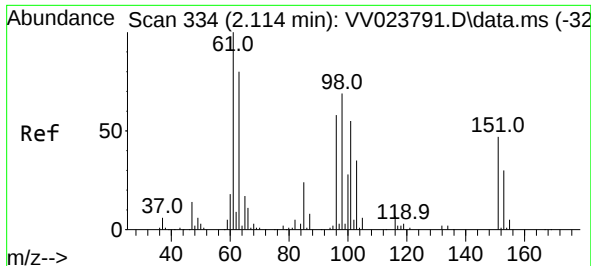
Tgt Ion:101 Resp: 77266

Ion Ratio Lower Upper

101 100

103 64.9 51.6 77.4





#10

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

Concen: 5.427 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Instrument :

MSVOA_V

ClientSampleId :

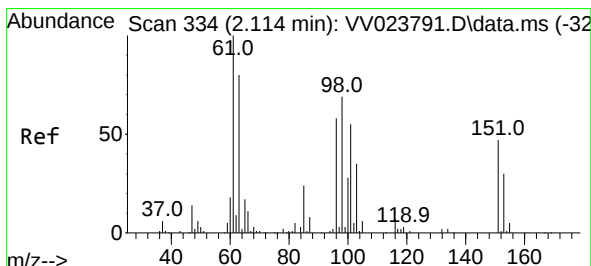
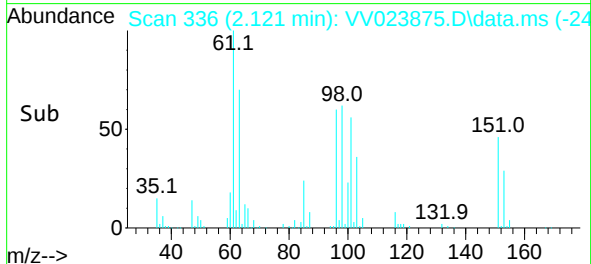
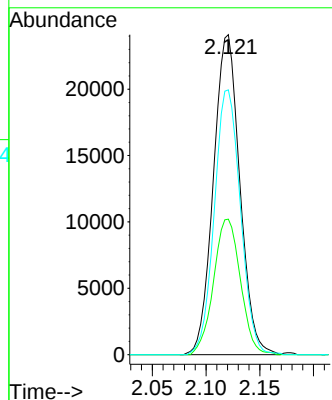
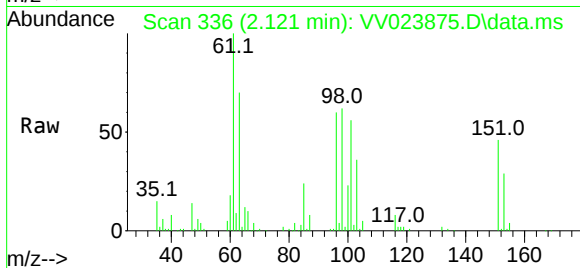
Tgt Ion:101 Resp: 41170

Ion Ratio Lower Upper

101 100

85 43.0 36.0 54.0

151 82.0 66.4 99.6



#12

1,1-Dichloroethene

Concen: 5.156 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

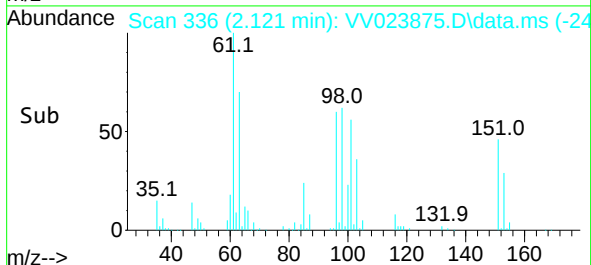
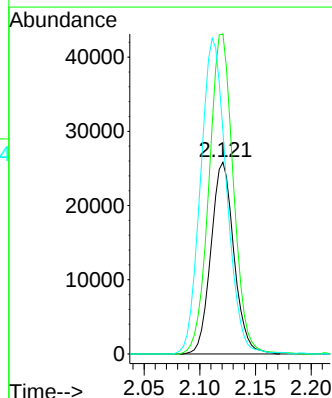
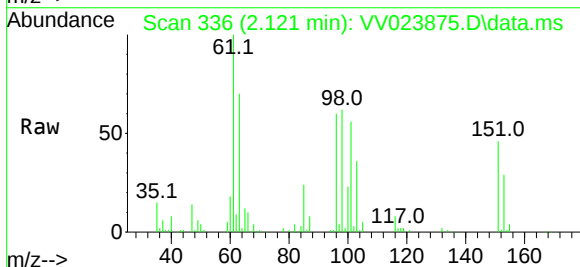
Tgt Ion: 96 Resp: 37051

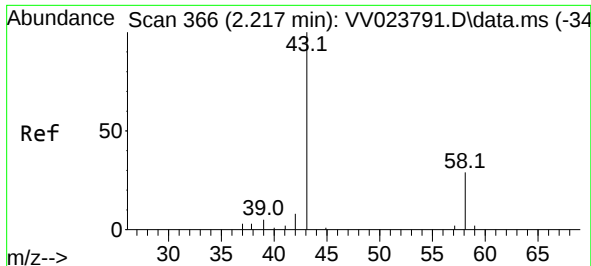
Ion Ratio Lower Upper

96 100

61 166.9 116.1 215.5

63 116.3 79.4 147.4





#13

Acetone

Concen: 20.707 ug/L

RT: 2.198 min Scan# 30

Delta R.T. -0.026 min

Lab File: VV023875.D

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Instrument :

MSVOA_V

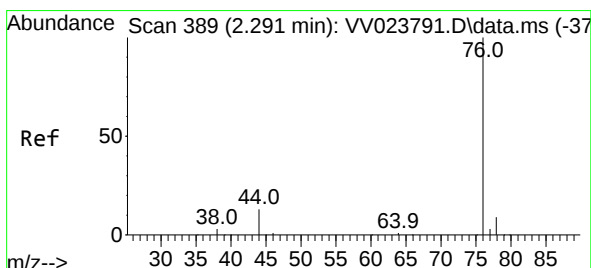
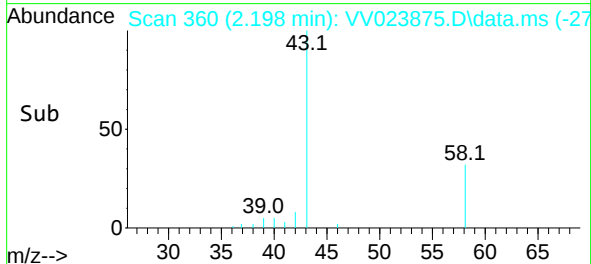
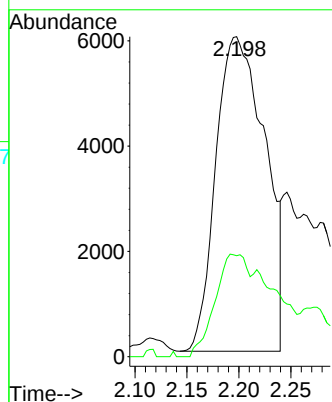
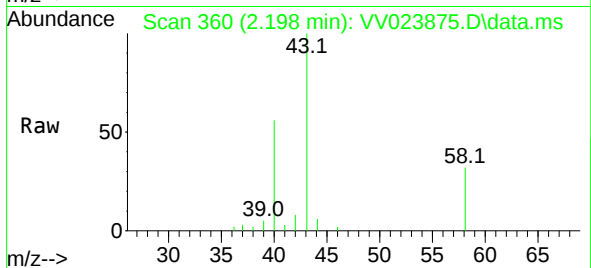
ClientSampleId :

Tgt Ion: 43 Resp: 19723

Ion Ratio Lower Upper

43 100

58 21.6 0.0 41.4



#14

Carbon disulfide

Concen: 4.546 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

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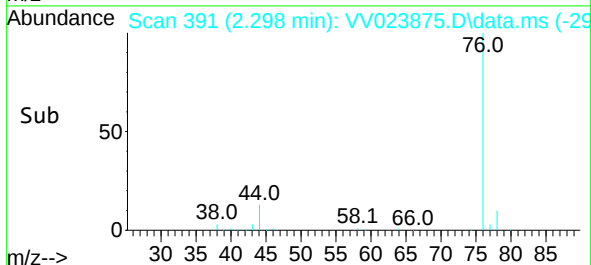
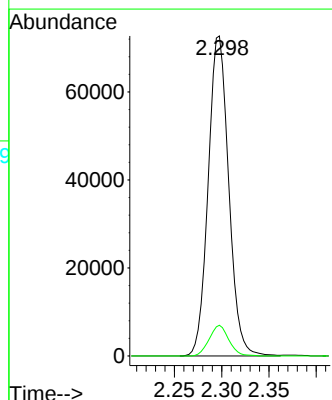
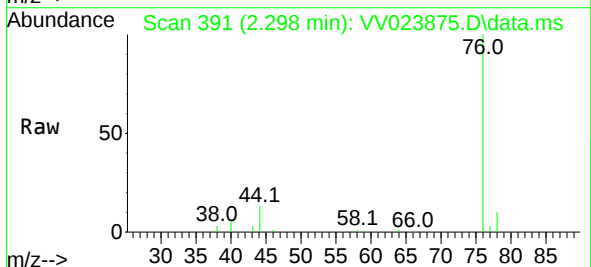
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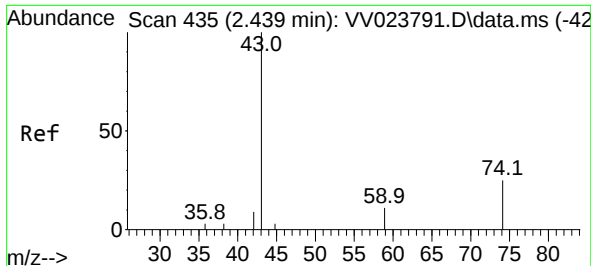
Tgt Ion: 76 Resp: 109800

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

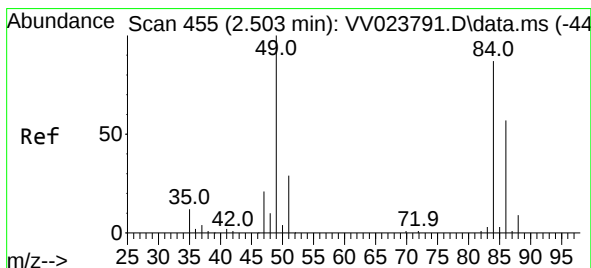
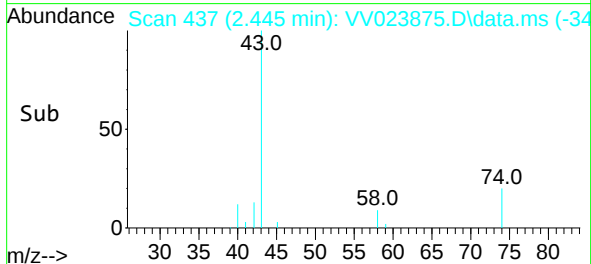
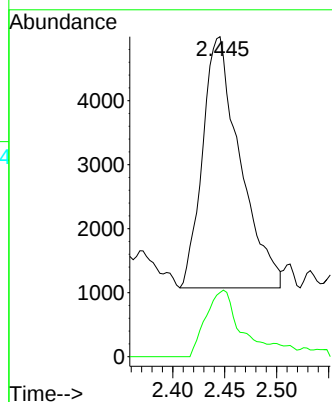
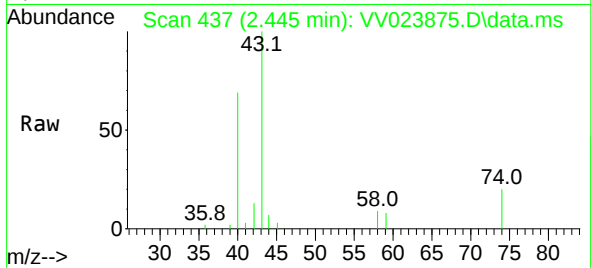




#15
Methyl Acetate
Concen: 4.552 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

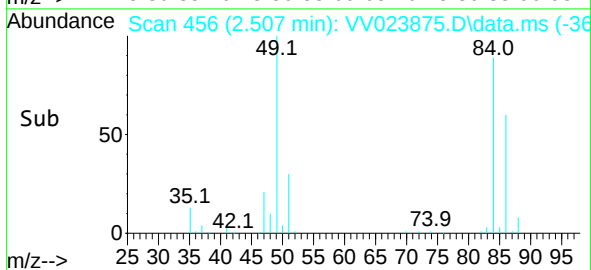
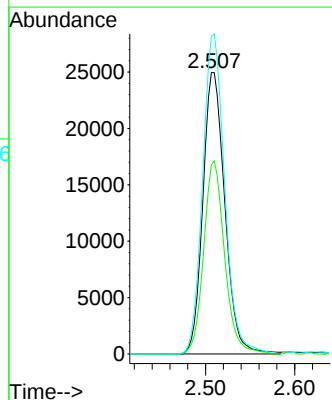
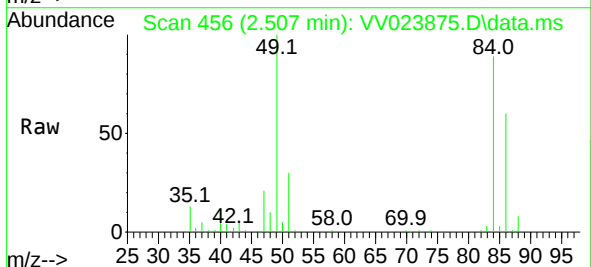
Instrument :
MSVOA_V
ClientSampleId :

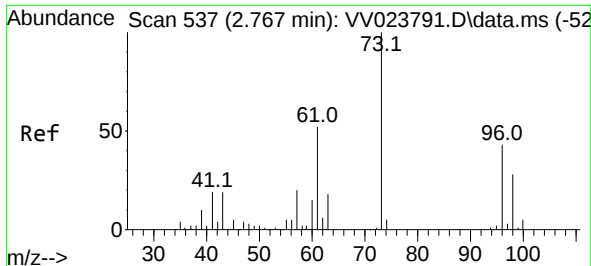
Tgt Ion: 43 Resp: 9840
Ion Ratio Lower Upper
43 100
74 24.1 20.2 30.2



#16
Methylene chloride
Concen: 4.175 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

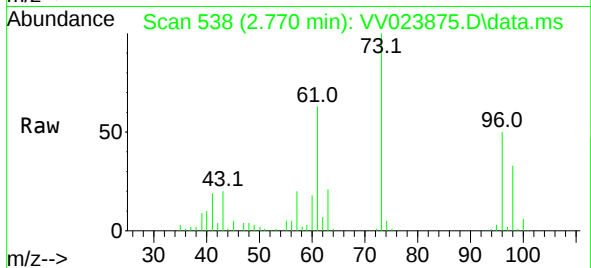
Tgt Ion: 84 Resp: 42807
Ion Ratio Lower Upper
84 100
86 67.1 42.6 79.0
49 112.9 79.7 147.9



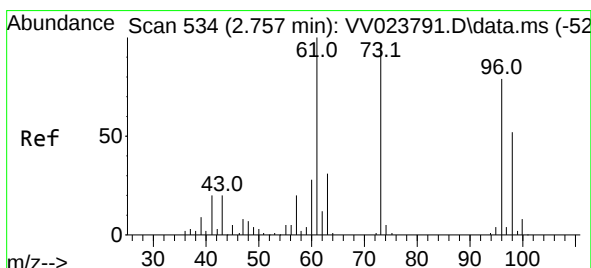
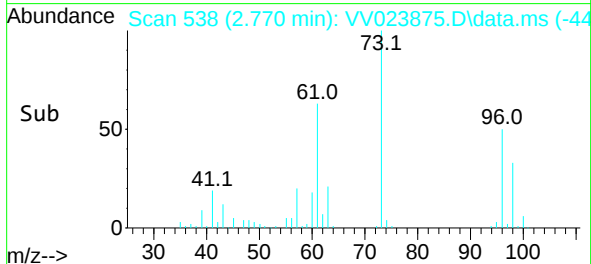
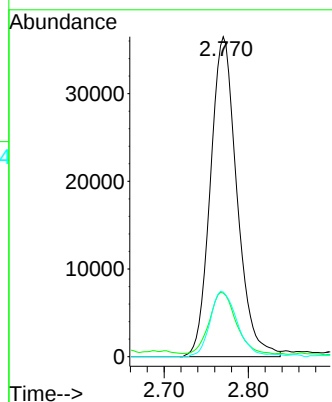


#17
Methyl tert-butyl Ether
Concen: 5.422 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

Instrument :
MSVOA_V
ClientSampleId :

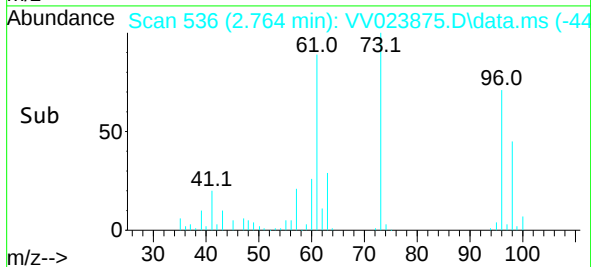
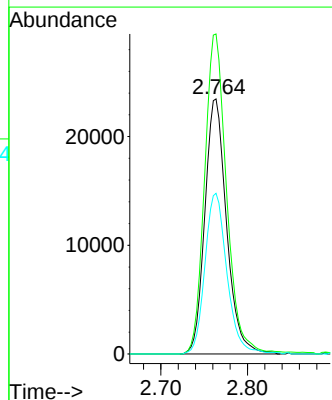
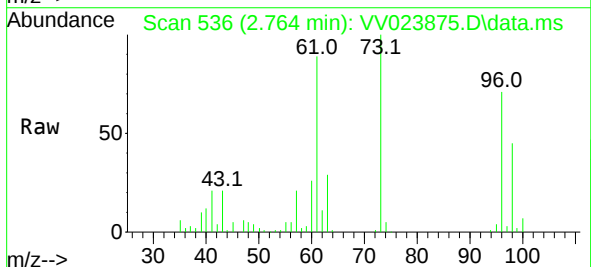


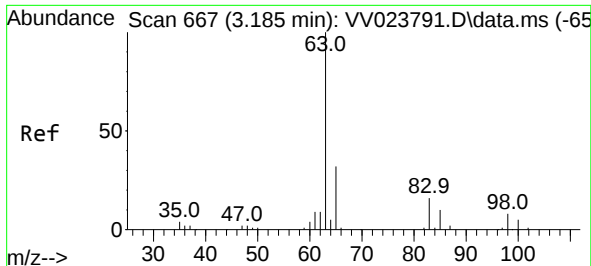
Tgt Ion: 73 Resp: 79855
Ion Ratio Lower Upper
73 100
43 19.2 15.5 23.3
57 21.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.998 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

Tgt Ion: 96 Resp: 40910
Ion Ratio Lower Upper
96 100
61 125.5 88.2 163.8
98 63.0 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.228 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Instrument :

MSVOA_V

ClientSampleId :

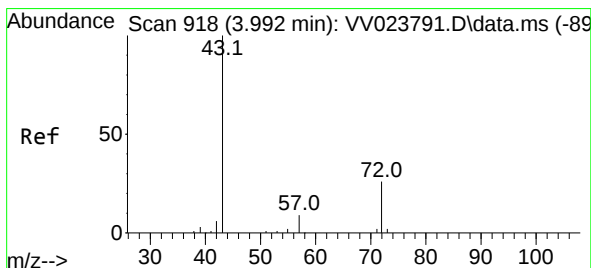
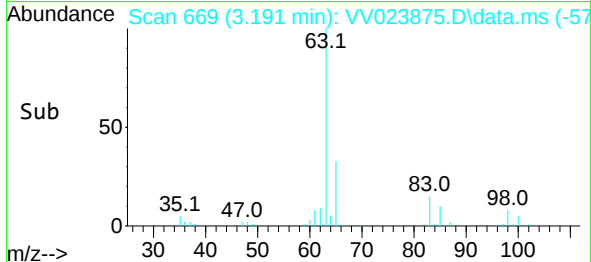
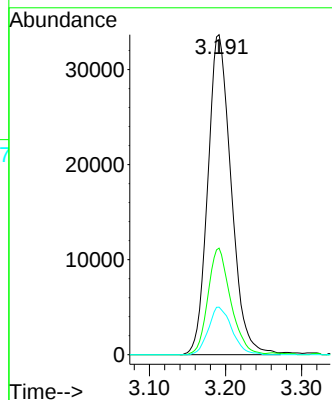
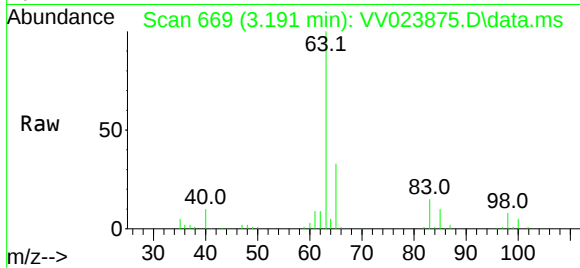
Tgt Ion: 63 Resp: 71954

Ion Ratio Lower Upper

63 100

65 33.3 22.3 41.3

83 14.9 10.7 19.9



#21

2-Butanone

Concen: 32.333 ug/L

RT: 3.995 min Scan# 919

Delta R.T. -0.006 min

Lab File: VV023875.D

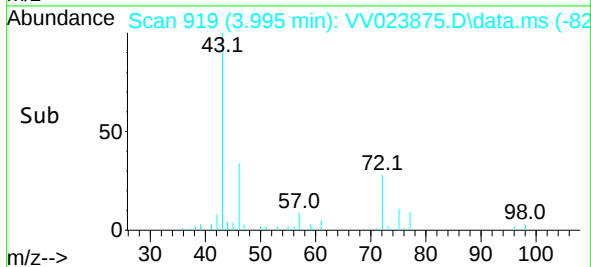
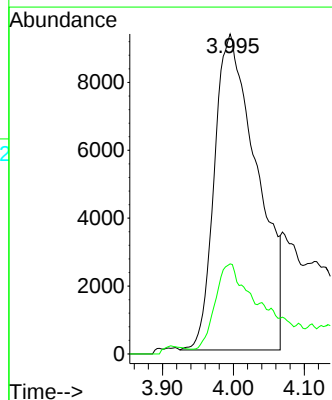
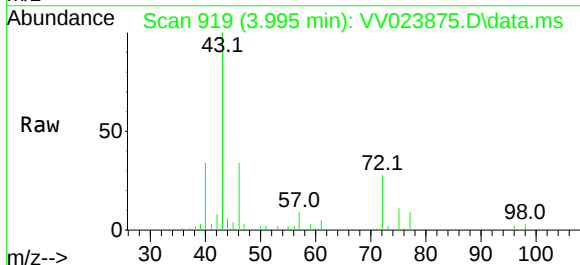
Acq: 09 Dec 2021 20:40

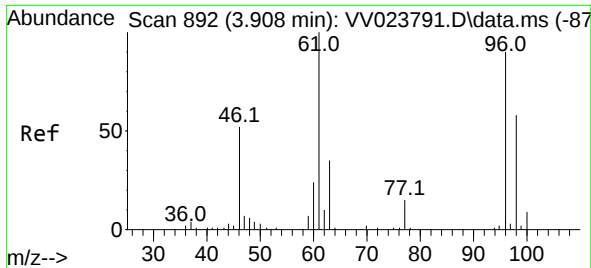
Tgt Ion: 43 Resp: 38979

Ion Ratio Lower Upper

43 100

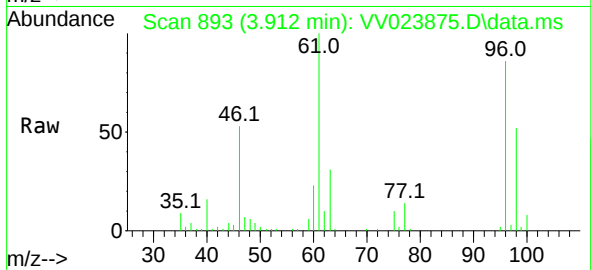
72 20.3 11.1 33.1





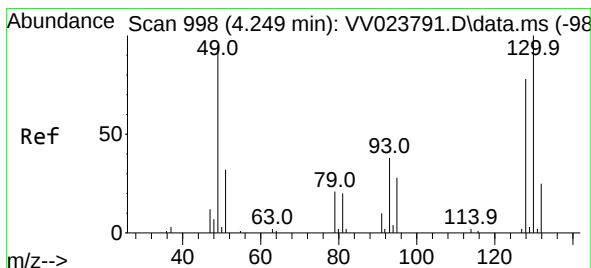
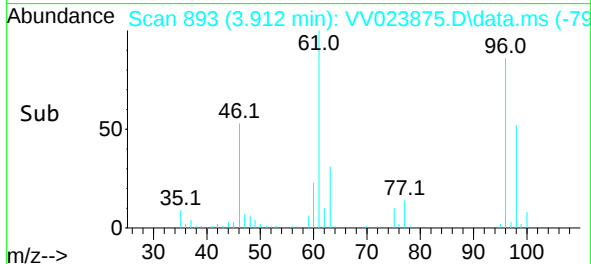
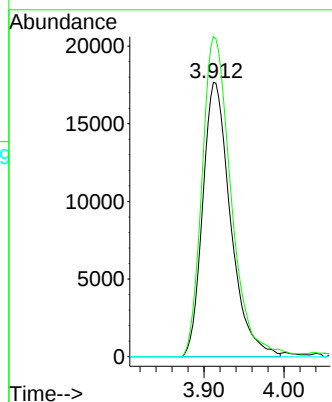
#22
 cis-1,2-Dichloroethene
 Concen: 5.452 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV023875.D
 Acq: 09 Dec 2021 20:40

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 42797

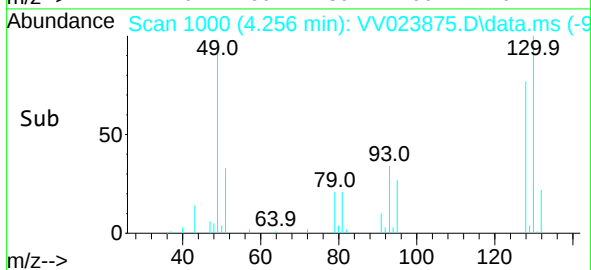
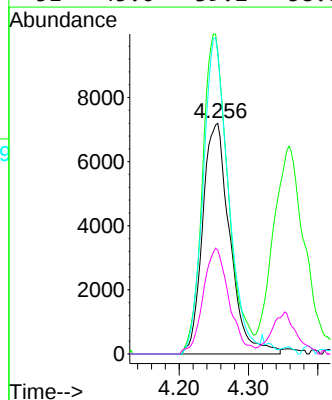
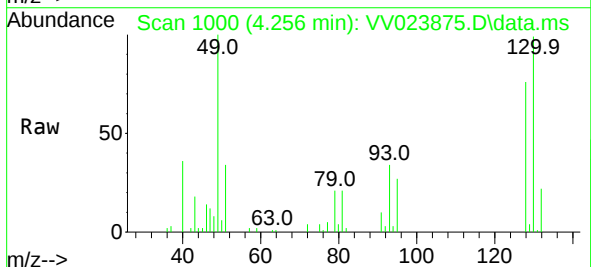
Ion	Ratio	Lower	Upper
96	100		
61	116.7	83.4	154.8
68	0.0	0.0	0.0

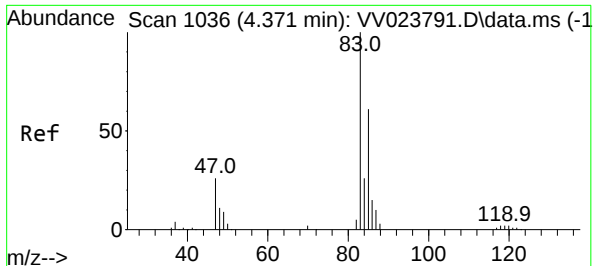


#23
 Bromochloromethane
 Concen: 5.322 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.010 min
 Lab File: VV023875.D
 Acq: 09 Dec 2021 20:40

Tgt Ion: 128 Resp: 19606

Ion	Ratio	Lower	Upper
128	100		
49	130.9	100.2	186.2
130	130.1	92.5	171.7
51	45.0	39.2	58.8





#25

Chloroform

Concen: 5.192 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Instrument :

MSVOA_V

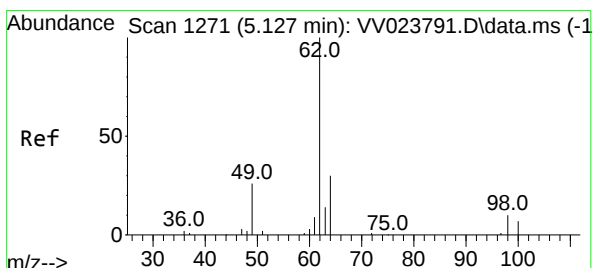
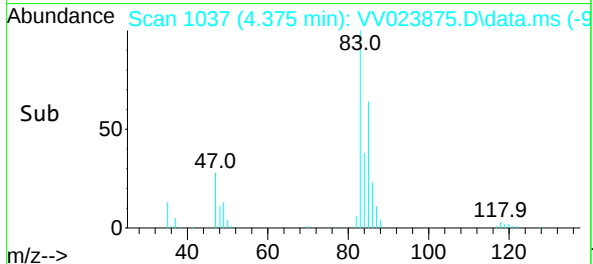
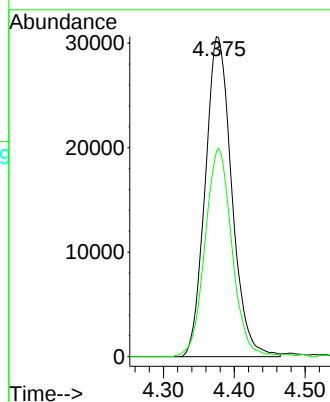
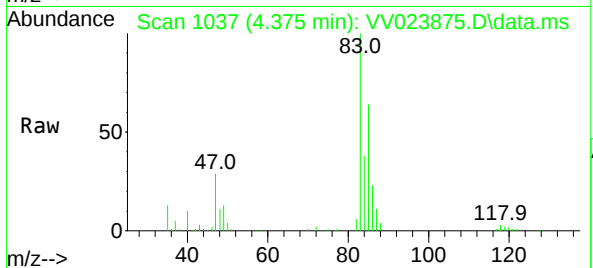
ClientSampleId :

Tgt Ion: 83 Resp: 79612

Ion Ratio Lower Upper

83 100

85 64.1 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.343 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.007 min

Lab File: VV023875.D

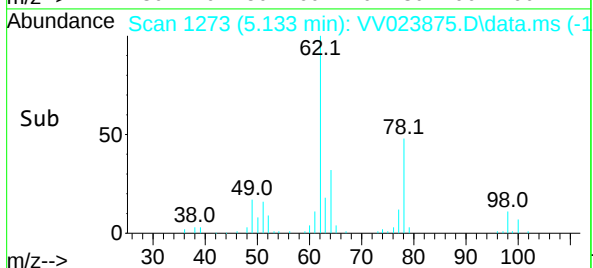
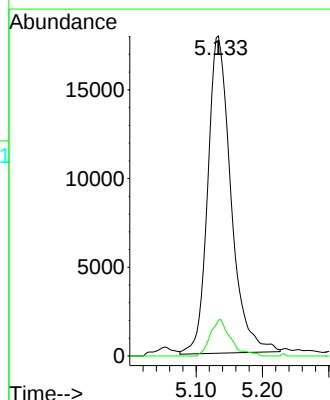
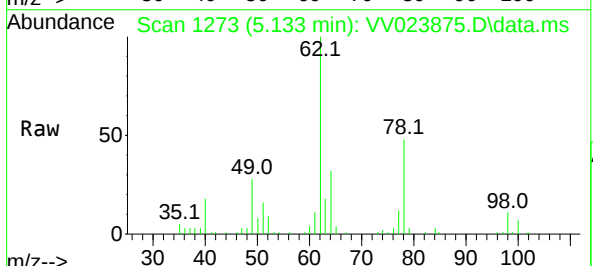
Acq: 09 Dec 2021 20:40

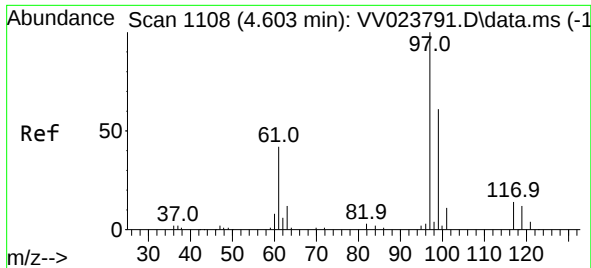
Tgt Ion: 62 Resp: 43552

Ion Ratio Lower Upper

62 100

98 11.1 8.1 12.1

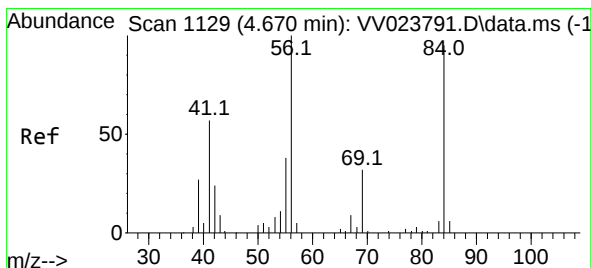
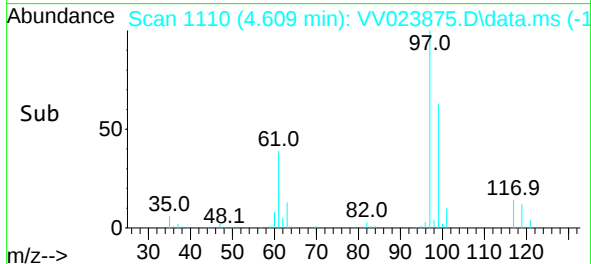
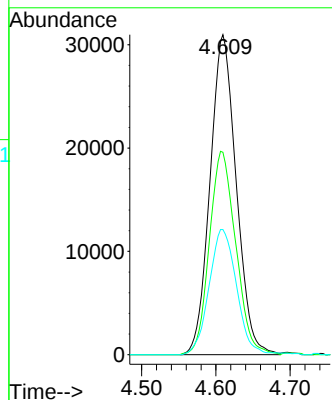
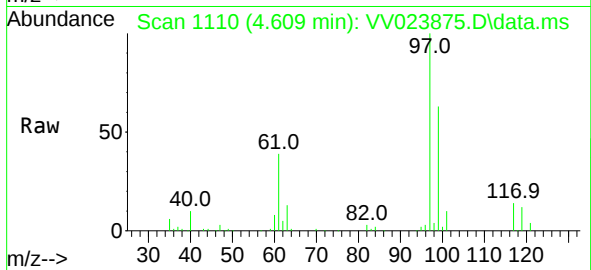




#29
1,1,1-Trichloroethane
Concen: 5.544 ug/L
RT: 4.609 min Scan# 1108
Delta R.T. 0.007 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

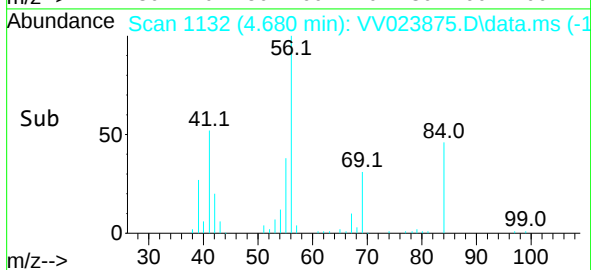
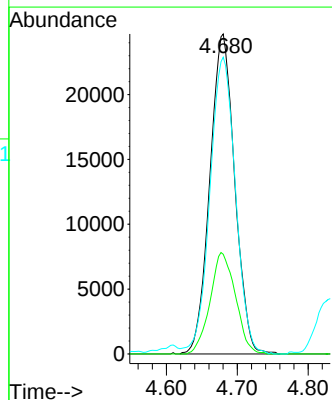
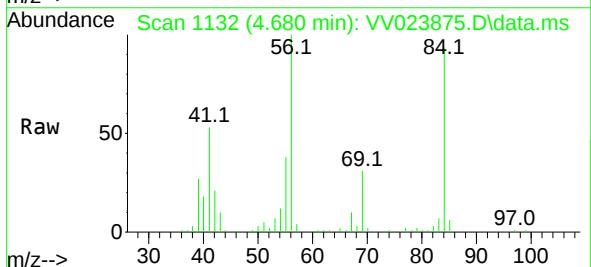
Instrument :
MSVOA_V
ClientSampleId :

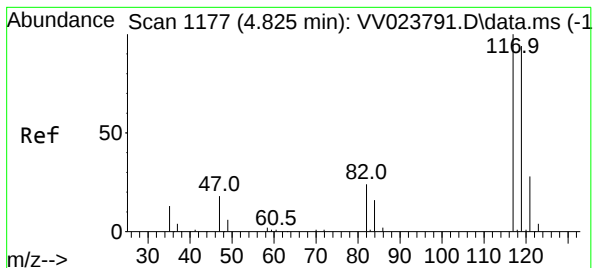
Tgt Ion: 97 Resp: 75949
Ion Ratio Lower Upper
97 100
99 63.9 51.9 77.9
61 40.9 33.2 49.8



#30
Cyclohexane
Concen: 5.260 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.007 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

Tgt Ion: 56 Resp: 60135
Ion Ratio Lower Upper
56 100
69 32.3 24.8 37.2
84 95.4 75.9 113.9





#31

Carbon tetrachloride

Concen: 5.426 ug/L

RT: 4.828 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Instrument :

MSVOA_V

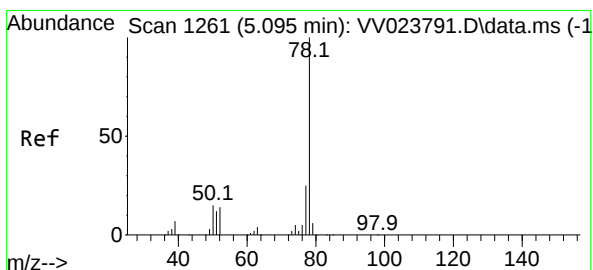
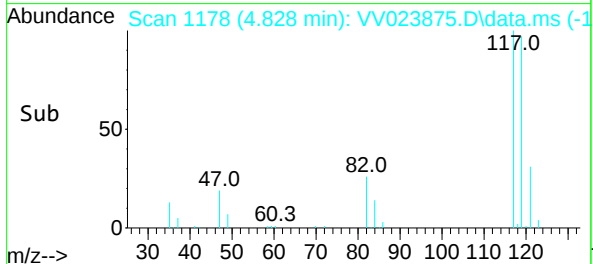
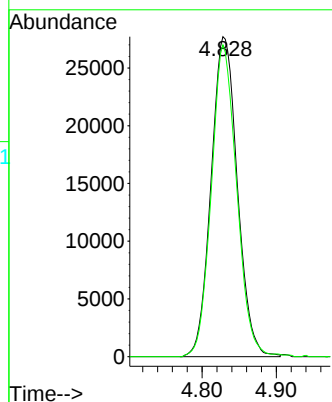
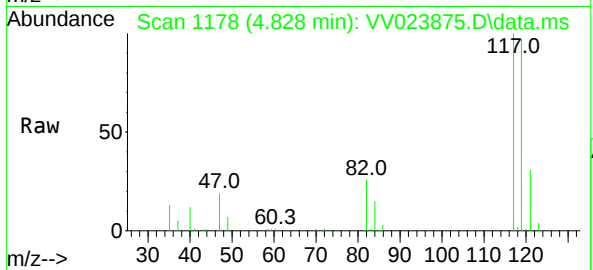
ClientSampleId :

Tgt Ion:117 Resp: 68090

Ion Ratio Lower Upper

117 100

119 93.8 76.6 114.8



#33

Benzene

Concen: 5.413 ug/L

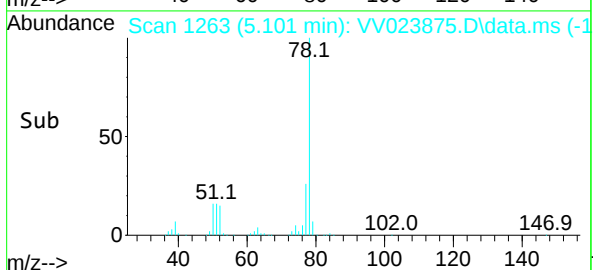
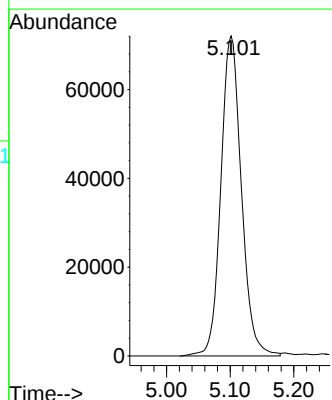
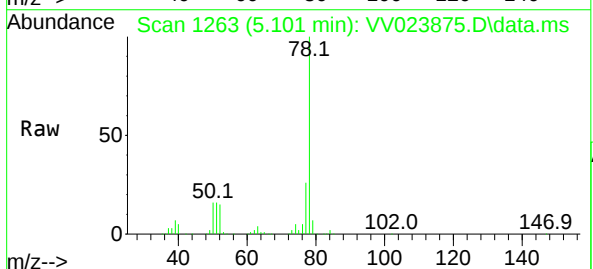
RT: 5.101 min Scan# 1263

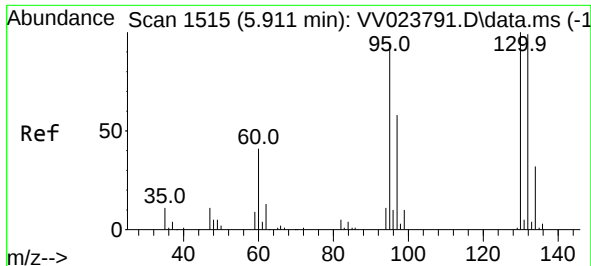
Delta R.T. 0.007 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

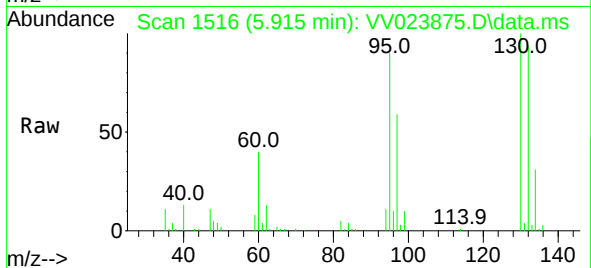
Tgt Ion: 78 Resp: 161785



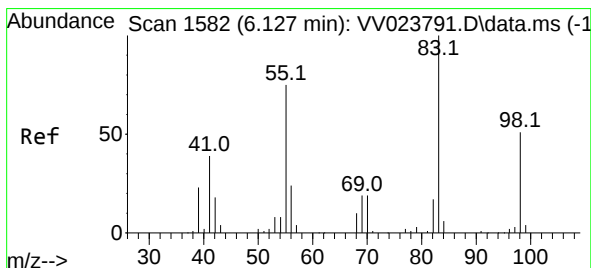
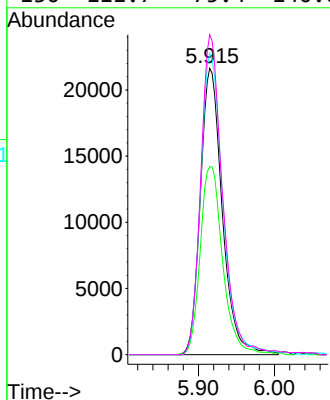
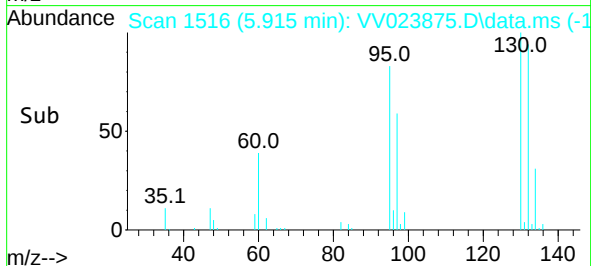


#34
Trichloroethene
Concen: 5.422 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

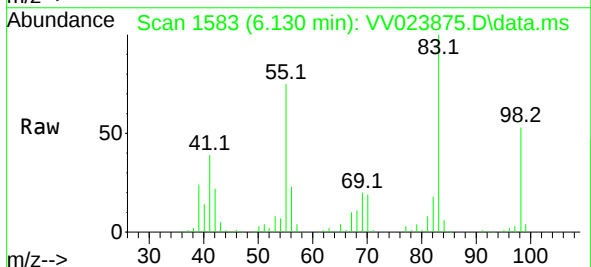
Instrument :
MSVOA_V
ClientSampleId :



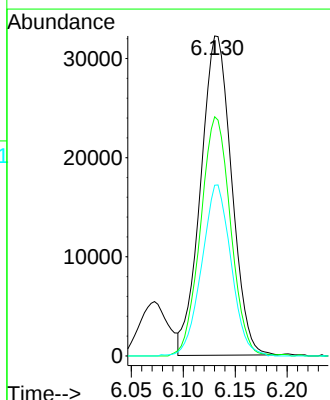
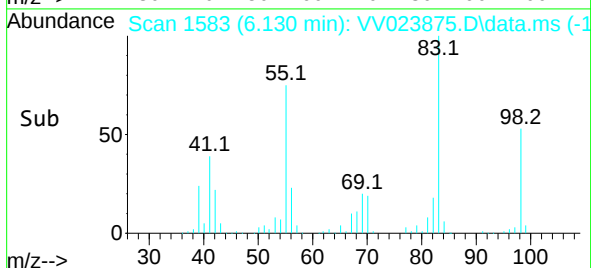
Tgt Ion: 95 Resp: 43414
Ion Ratio Lower Upper
95 100
97 65.6 45.2 84.0
132 105.1 76.1 141.3
130 111.7 75.4 140.0

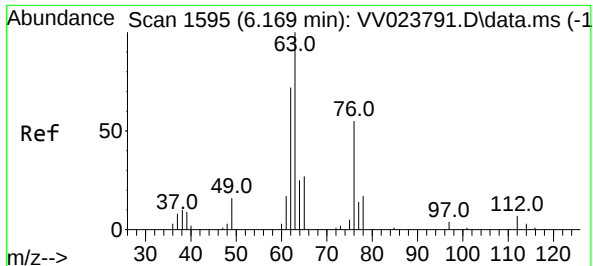


#35
Methylcyclohexane
Concen: 5.341 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40



Tgt Ion: 83 Resp: 66672
Ion Ratio Lower Upper
83 100
55 72.8 60.2 90.2
98 51.1 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.292 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Instrument :

MSVOA_V

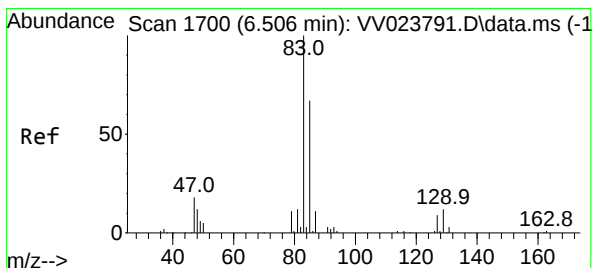
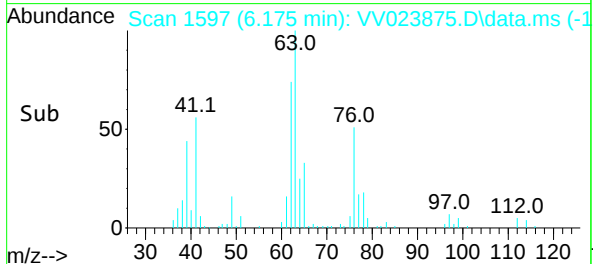
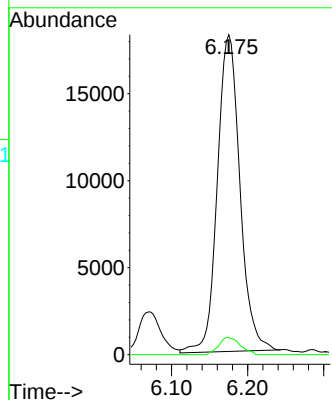
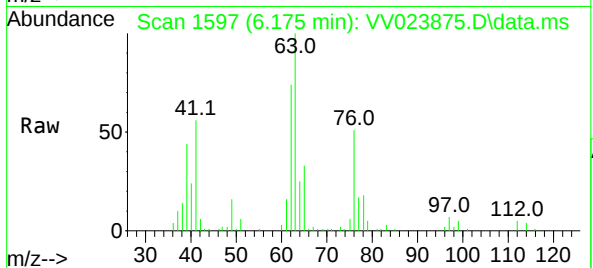
ClientSampleId :

Tgt Ion: 63 Resp: 37597

Ion Ratio Lower Upper

63 100

112 5.2 4.3 6.5



#38

Bromodichloromethane

Concen: 5.499 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

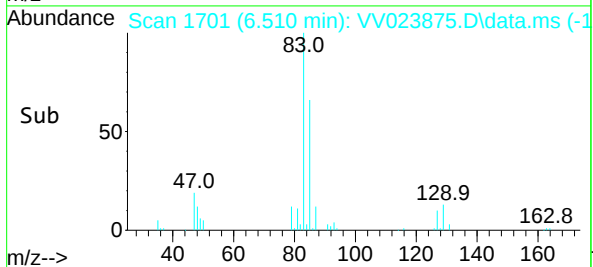
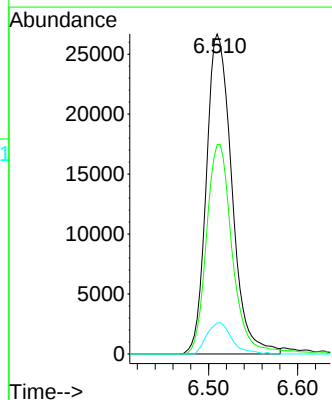
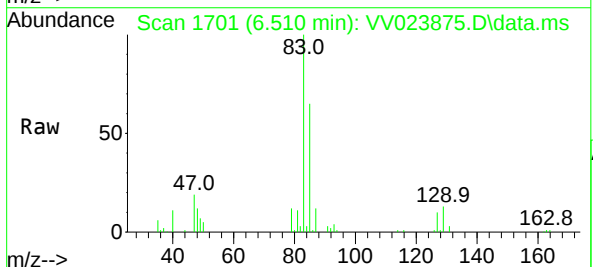
Tgt Ion: 83 Resp: 53024

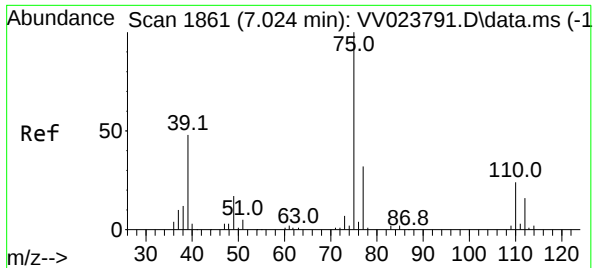
Ion Ratio Lower Upper

83 100

85 65.4 44.0 81.8

127 9.6 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.322 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Instrument :

MSVOA_V

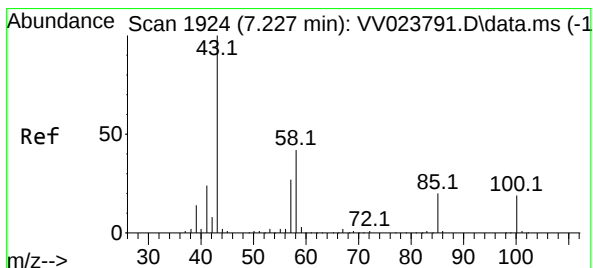
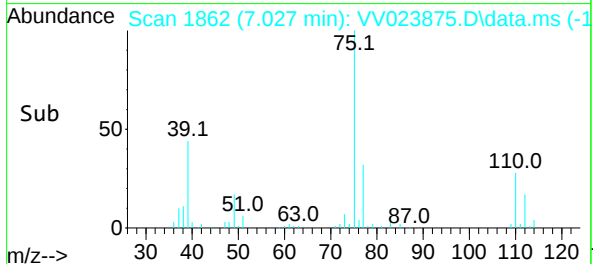
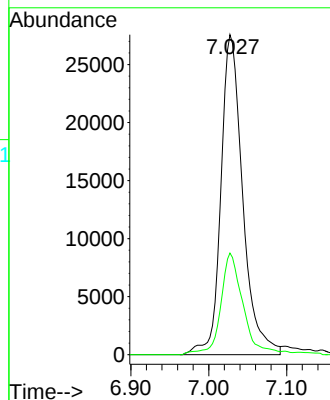
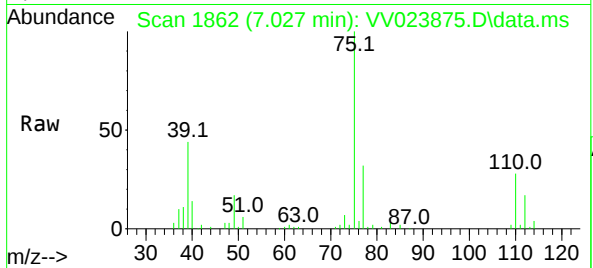
ClientSampleId :

Tgt Ion: 75 Resp: 53805

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 57.099 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

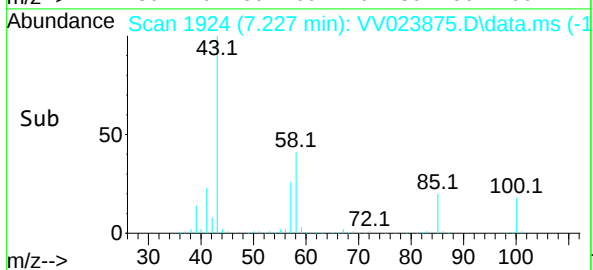
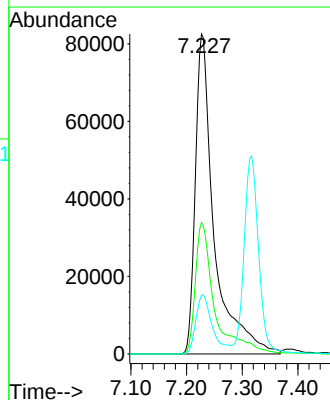
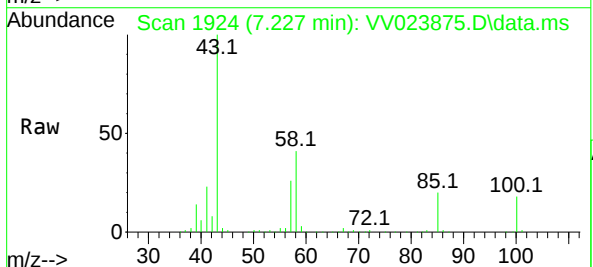
Tgt Ion: 43 Resp: 193646

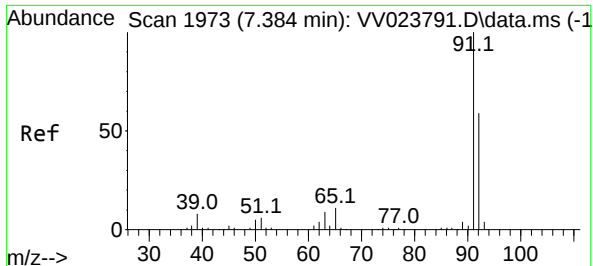
Ion Ratio Lower Upper

43 100

58 42.4 32.3 48.5

100 16.3 13.0 19.6





#42

Toluene

Concen: 5.816 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Instrument :

MSVOA_V

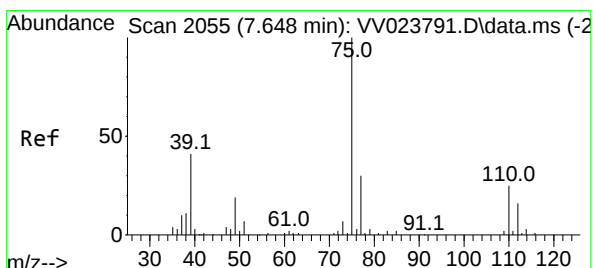
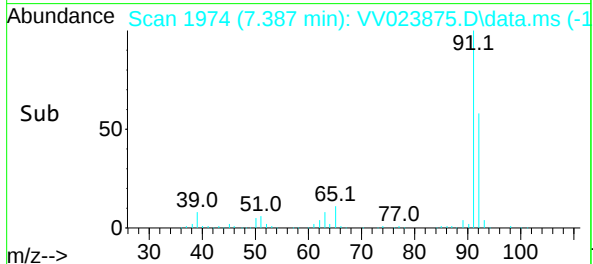
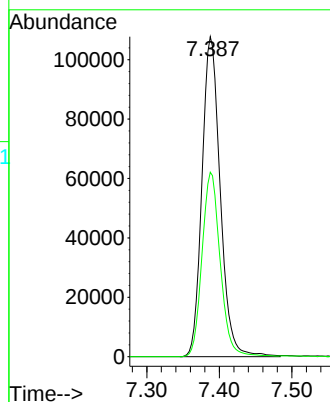
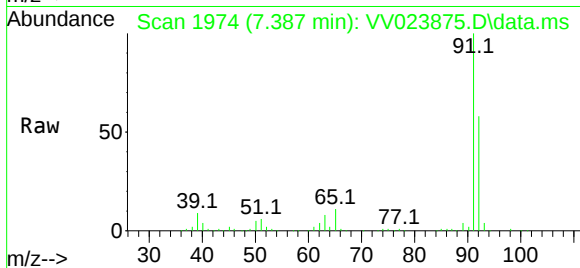
ClientSampleId :

Tgt Ion: 91 Resp: 188518

Ion Ratio Lower Upper

91 100

92 57.7 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.513 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV023875.D

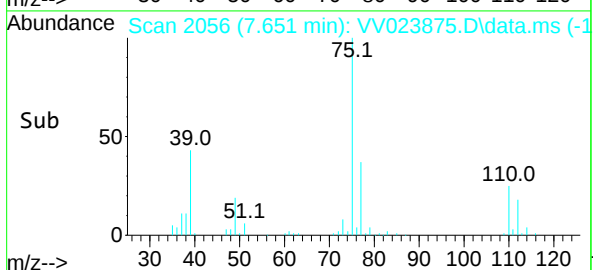
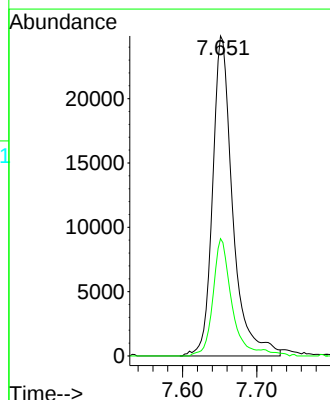
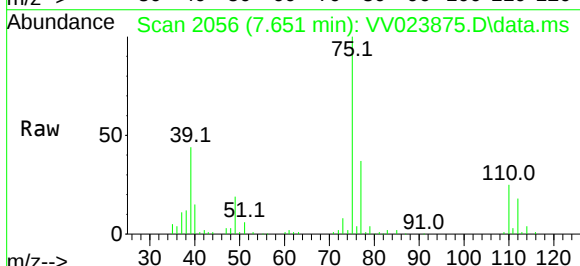
Acq: 09 Dec 2021 20:40

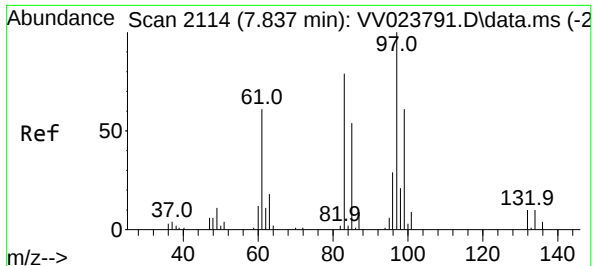
Tgt Ion: 75 Resp: 46848

Ion Ratio Lower Upper

75 100

77 36.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.699 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 28035

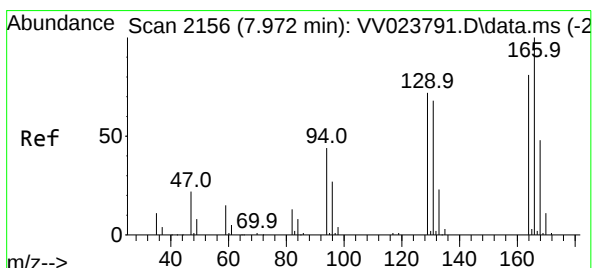
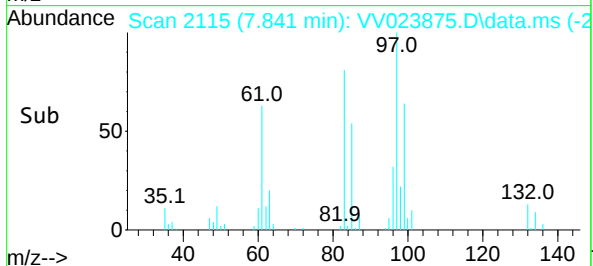
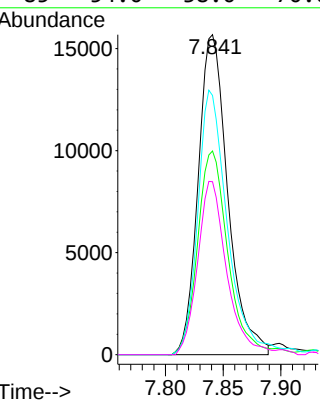
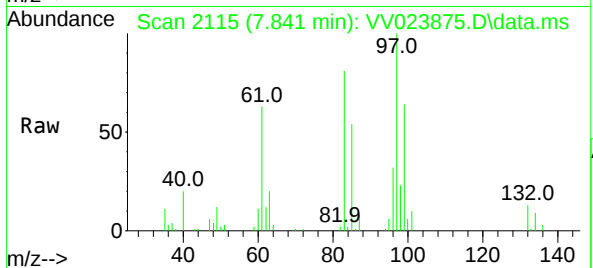
Ion Ratio Lower Upper

97 100

99 63.6 43.1 80.1

83 81.0 57.9 107.5

85 54.0 38.0 70.6



#47

Tetrachloroethene

Concen: 5.474 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Tgt Ion:164 Resp: 39893

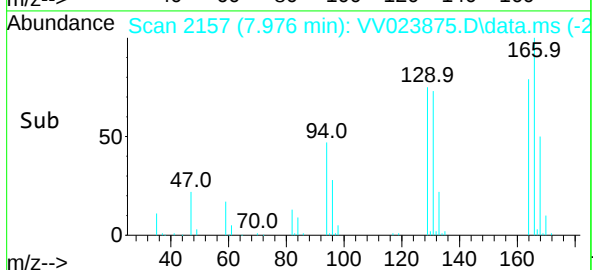
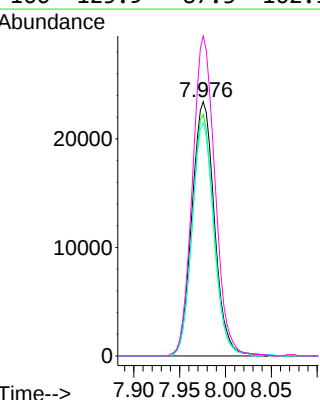
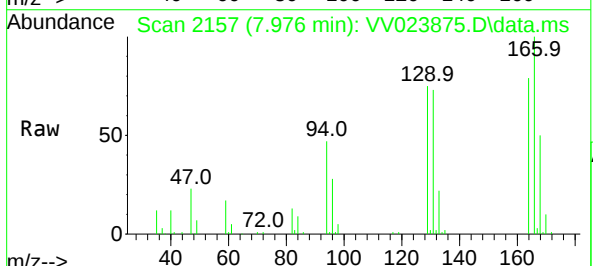
Ion Ratio Lower Upper

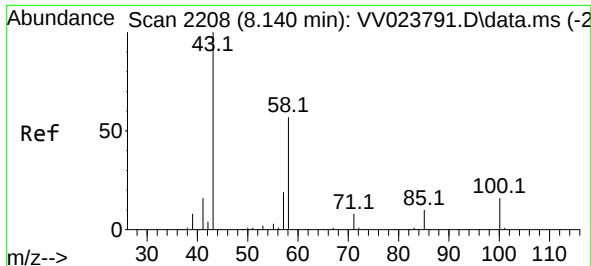
164 100

129 95.0 62.6 116.2

131 91.7 61.0 113.4

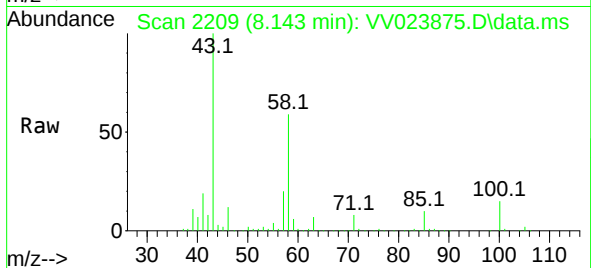
166 125.9 87.3 162.1



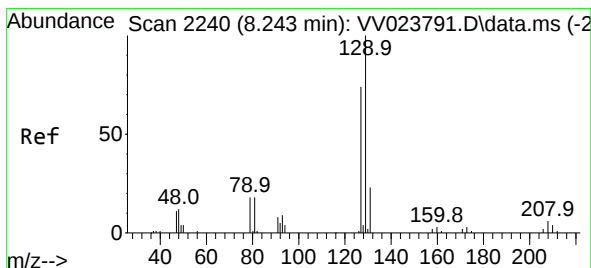
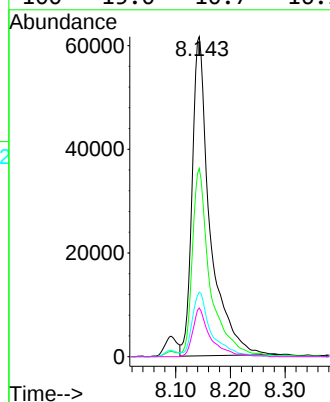
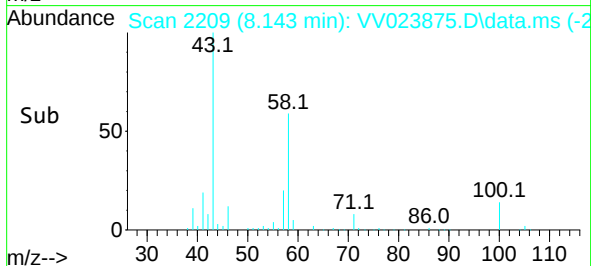


#48
2-Hexanone
Concen: 55.842 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

Instrument :
MSVOA_V
ClientSampleId :

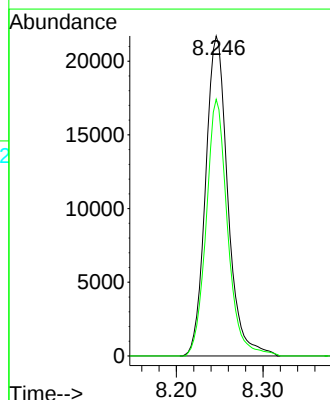
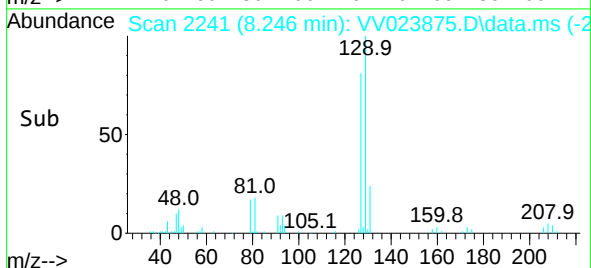
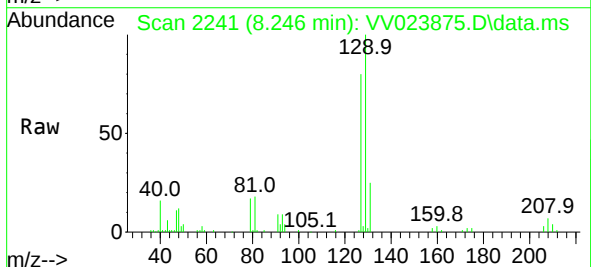


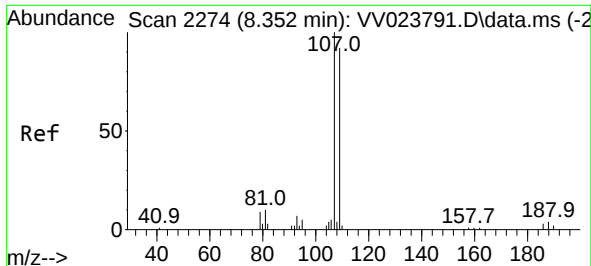
Tgt Ion: 43 Resp: 139976
Ion Ratio Lower Upper
43 100
58 55.8 44.5 66.7
57 21.0 15.1 22.7
100 15.0 10.7 16.1



#49
Dibromochloromethane
Concen: 5.743 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

Tgt Ion: 129 Resp: 38715
Ion Ratio Lower Upper
129 100
127 80.2 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.658 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

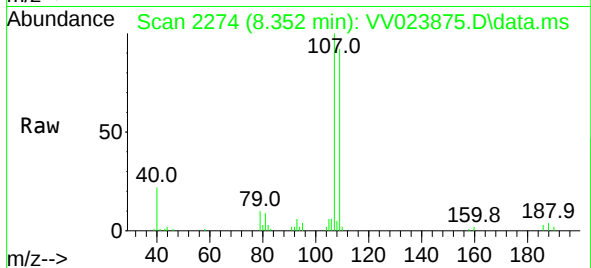
Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

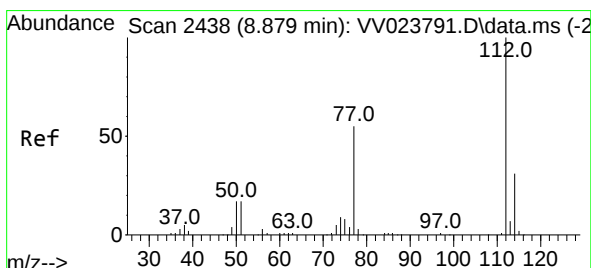
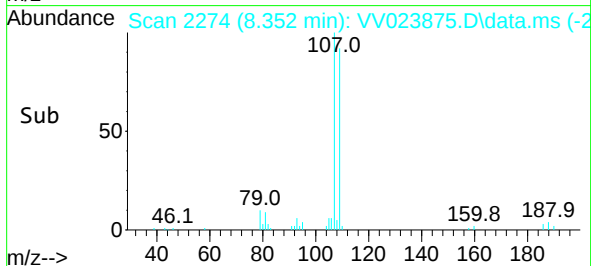
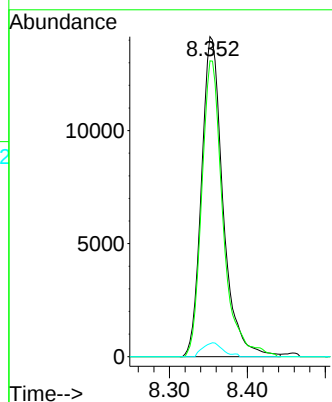
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	27140
Ion	Ratio	Lower	Upper
107	100		
109	92.5	62.5	116.1
188	4.1	3.4	5.2



#51

Chlorobenzene

Concen: 5.632 ug/L

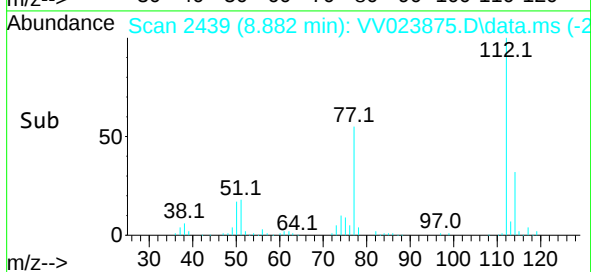
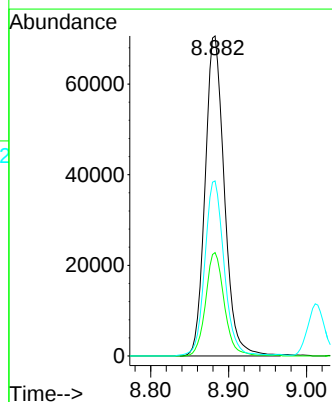
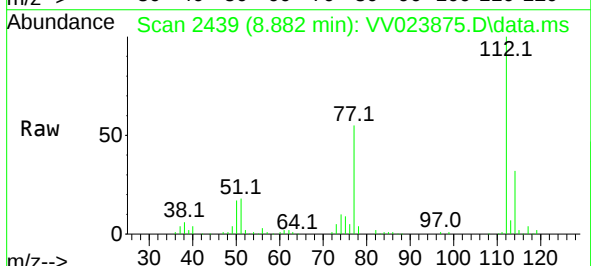
RT: 8.882 min Scan# 2439

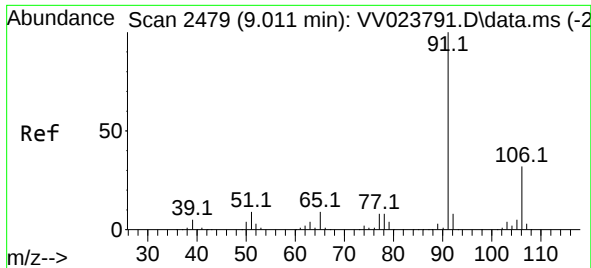
Delta R.T. 0.003 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Tgt Ion:	112	Resp:	121035
Ion	Ratio	Lower	Upper
112	100		
114	32.3	23.3	43.3
77	54.7	43.3	64.9

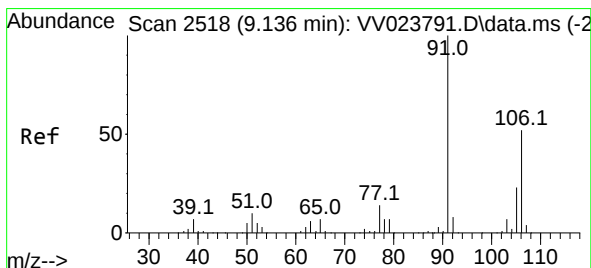
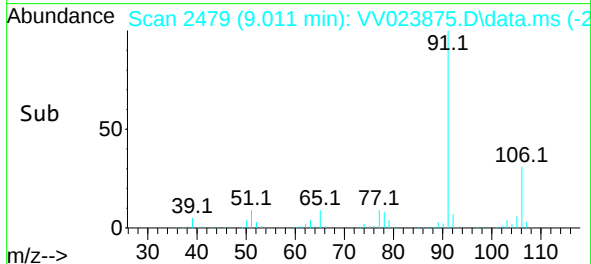
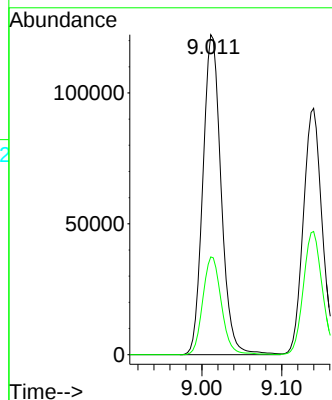
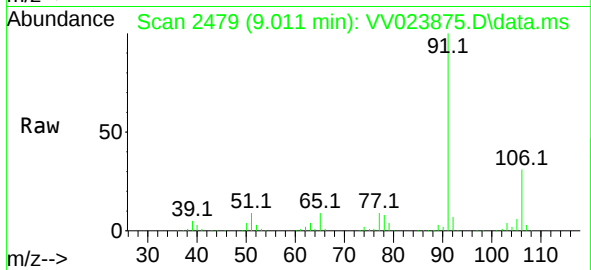




#52
Ethylbenzene
Concen: 5.735 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

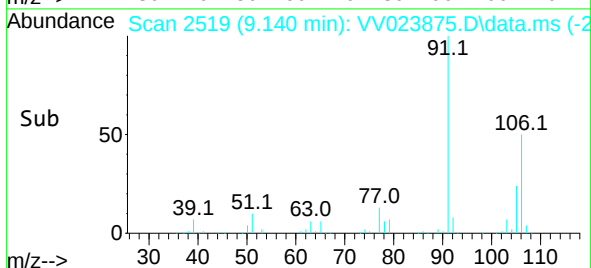
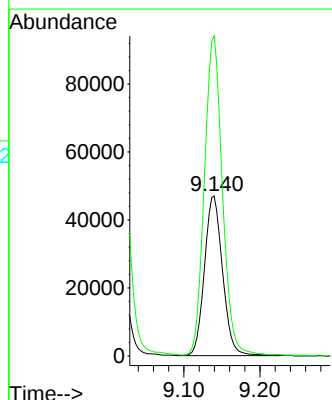
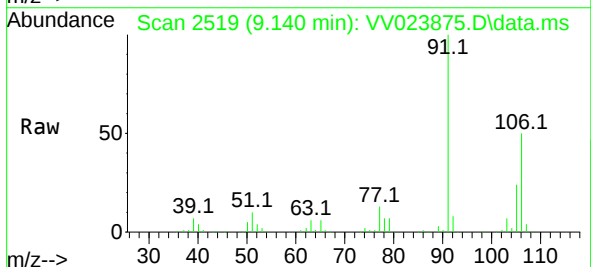
Instrument :
MSVOA_V
ClientSampleId :

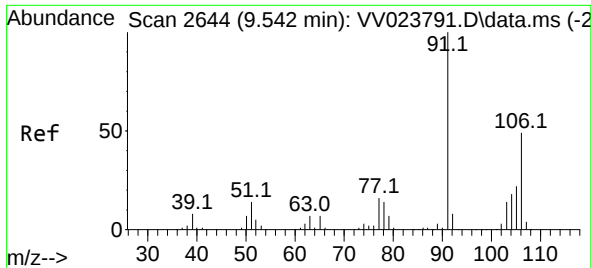
Tgt Ion: 91 Resp: 194303
Ion Ratio Lower Upper
91 100
106 30.6 22.0 41.0



#53
m,p-xylene
Concen: 5.757 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

Tgt Ion: 106 Resp: 77633
Ion Ratio Lower Upper
106 100
91 200.0 139.5 259.1

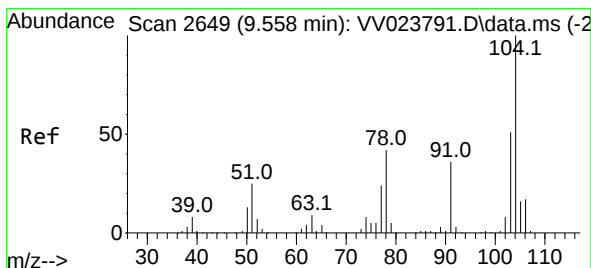
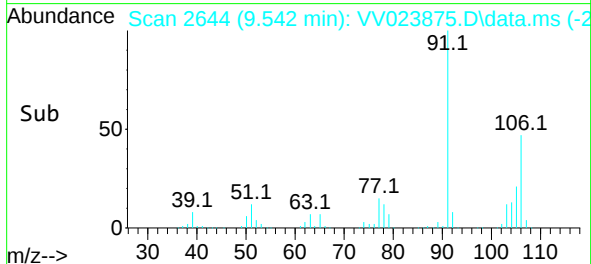
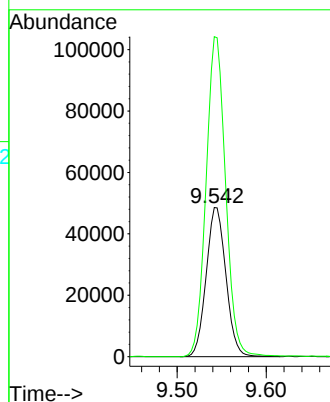
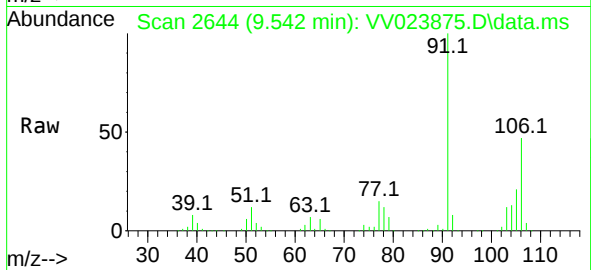




#54
o-xylene
Concen: 5.816 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

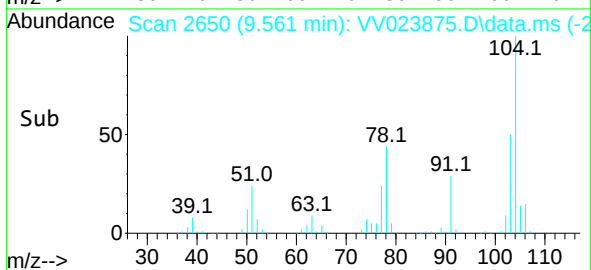
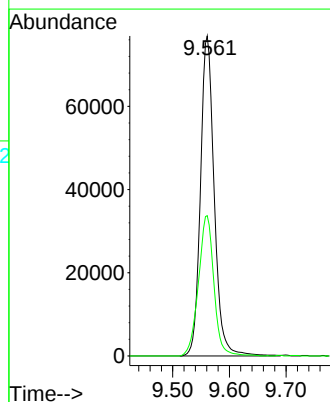
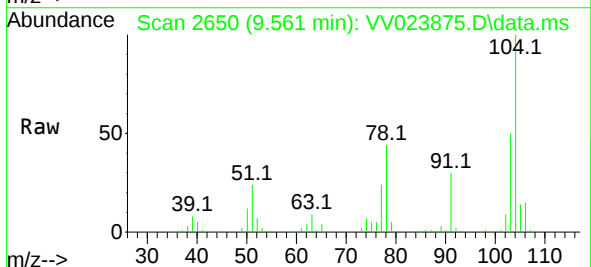
Instrument :
MSVOA_V
ClientSampleId :

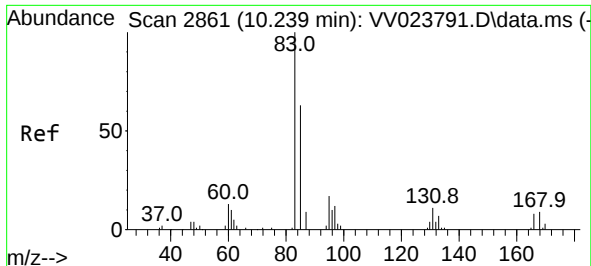
Tgt Ion:106 Resp: 74589
Ion Ratio Lower Upper
106 100
91 214.5 147.9 274.7



#55
Styrene
Concen: 6.010 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

Tgt Ion:104 Resp: 129862
Ion Ratio Lower Upper
104 100
78 43.8 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.583 ug/L

RT: 10.243 min Scan# 2862

Delta R.T. 0.003 min

Lab File: VV023875.D

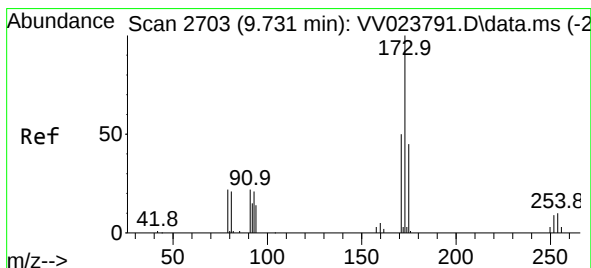
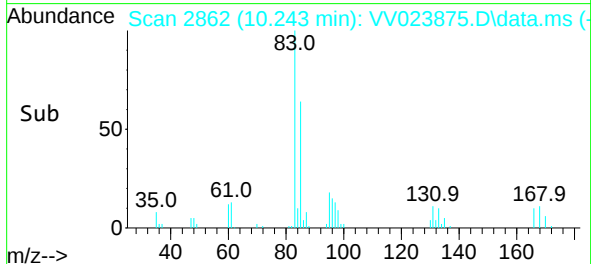
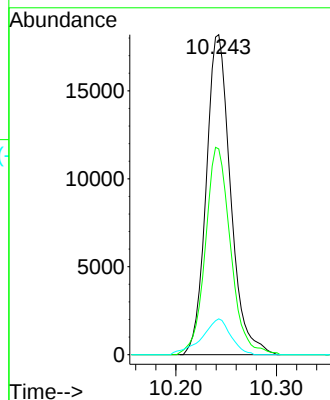
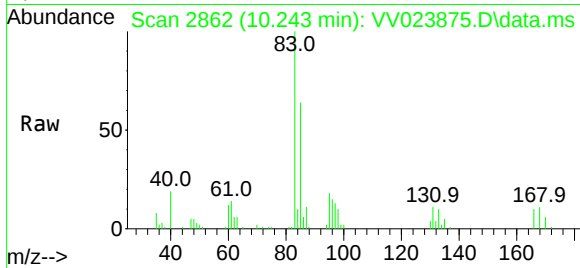
Acq: 09 Dec 2021 20:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 30555
Ion Ratio	Lower Upper
83 100	
85 64.3	44.6 82.8
131 11.2	8.3 12.5



#59

Bromoform

Concen: 5.227 ug/L

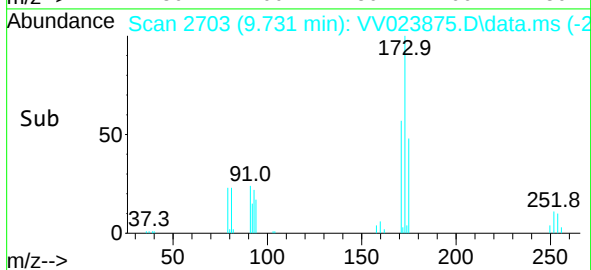
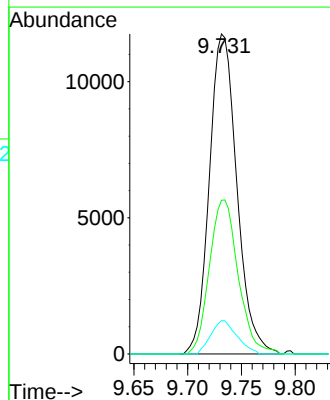
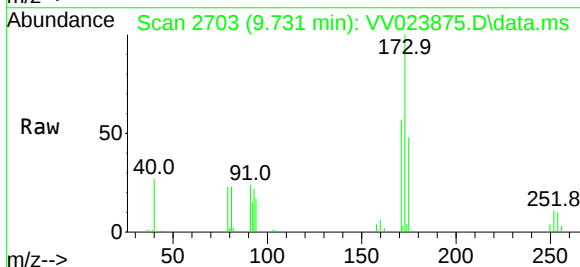
RT: 9.731 min Scan# 2703

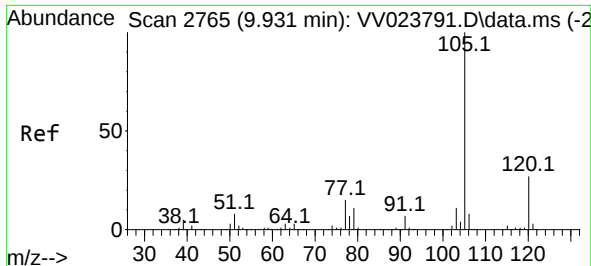
Delta R.T. 0.000 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Tgt Ion: 173	Resp: 20877
Ion Ratio	Lower Upper
173 100	
175 50.4	39.4 59.2
254 9.9	7.4 11.0

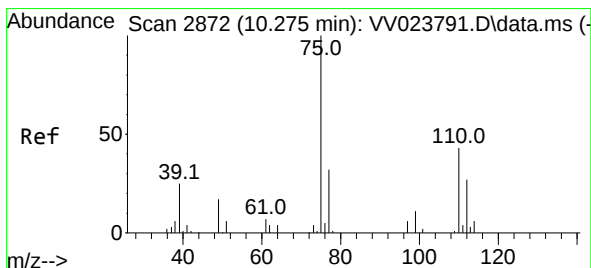
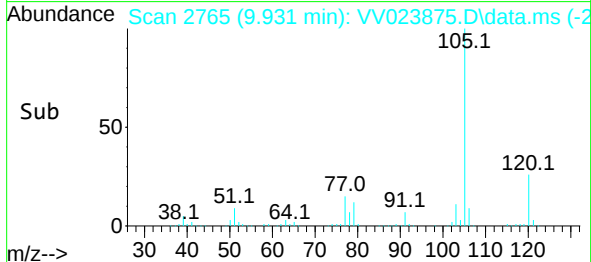
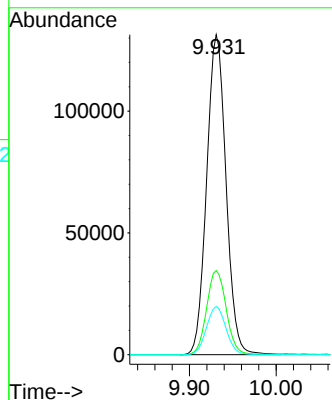
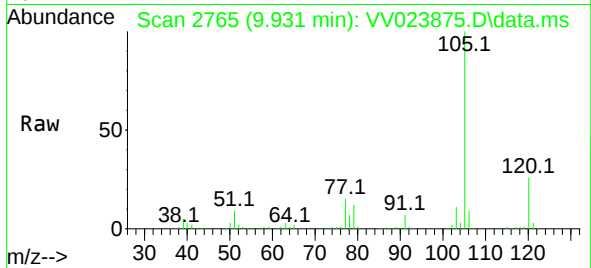




#60
Isopropylbenzene
Concen: 5.652 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

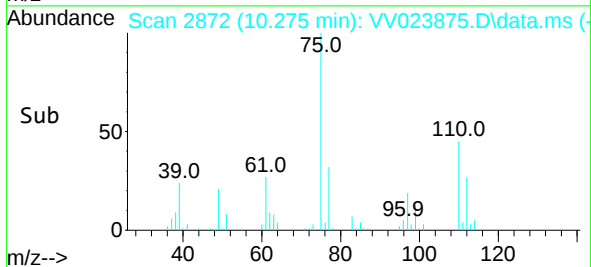
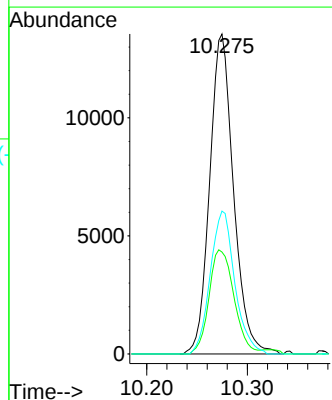
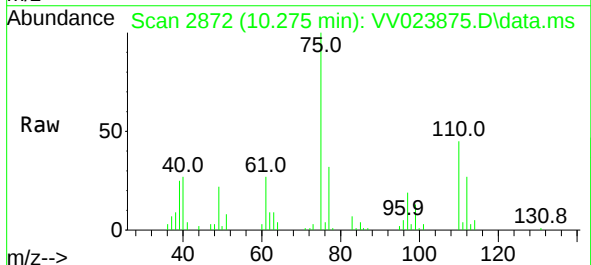
Instrument :
MSVOA_V
ClientSampleId :

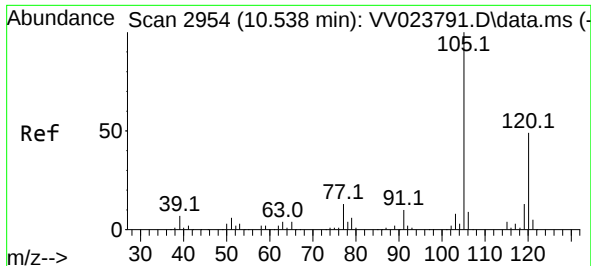
Tgt Ion:105 Resp: 204101
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.212 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

Tgt Ion: 75 Resp: 22355
Ion Ratio Lower Upper
75 100
77 34.2 26.4 39.6
110 45.9 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.609 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Instrument :

MSVOA_V

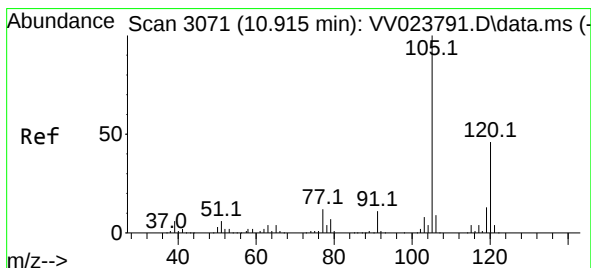
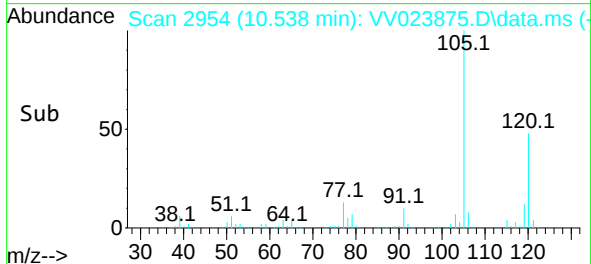
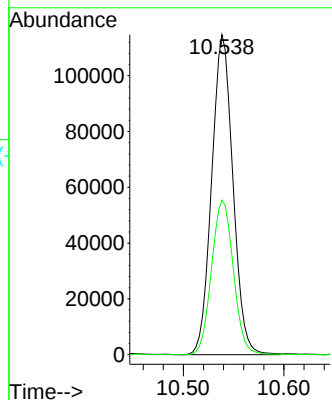
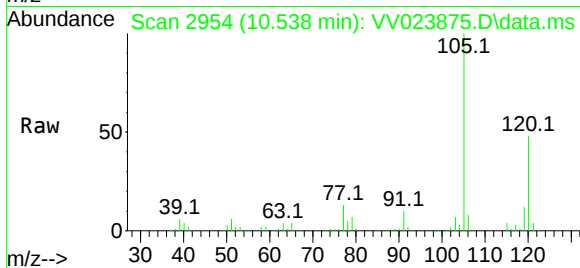
ClientSampleId :

Tgt Ion:105 Resp: 168542

Ion Ratio Lower Upper

105 100

120 49.5 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.734 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV023875.D

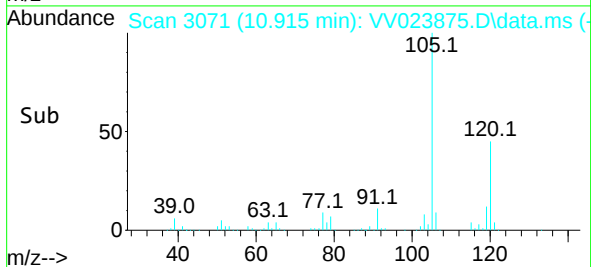
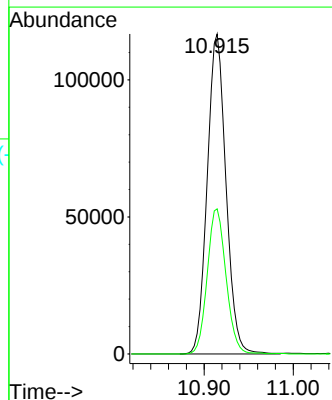
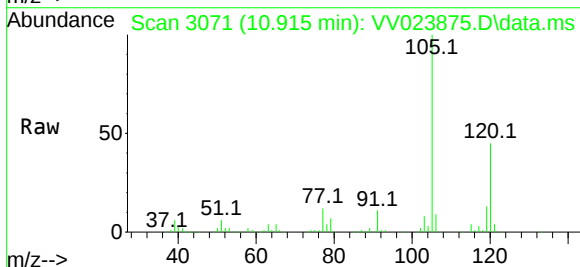
Acq: 09 Dec 2021 20:40

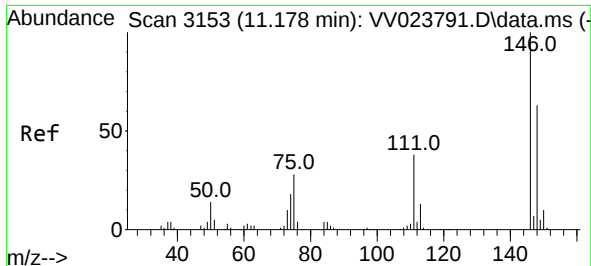
Tgt Ion:105 Resp: 170366

Ion Ratio Lower Upper

105 100

120 45.4 36.7 55.1

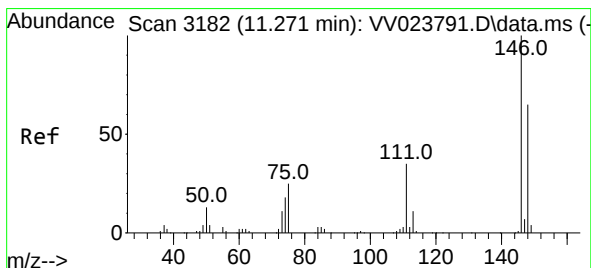
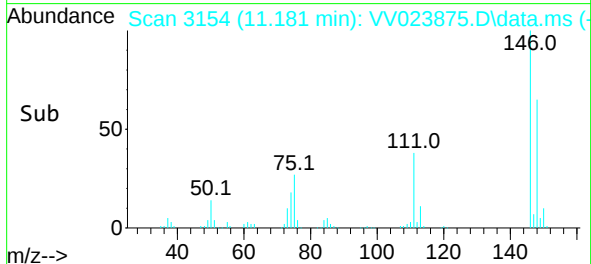
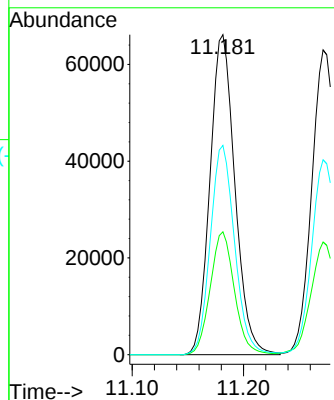
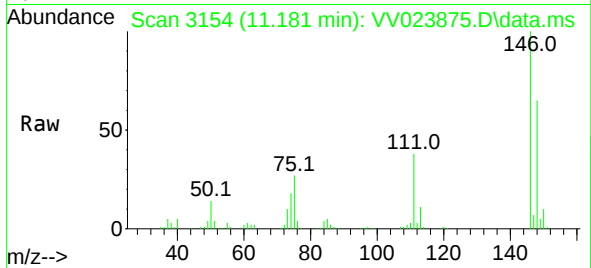




#64
1,3-Dichlorobenzene
Concen: 5.579 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

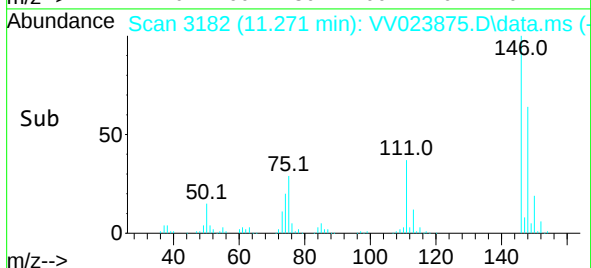
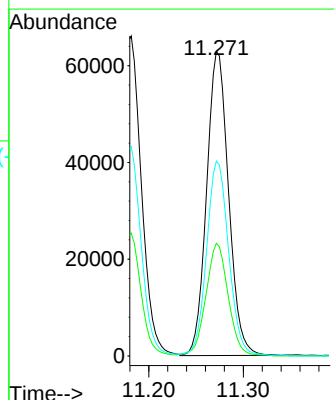
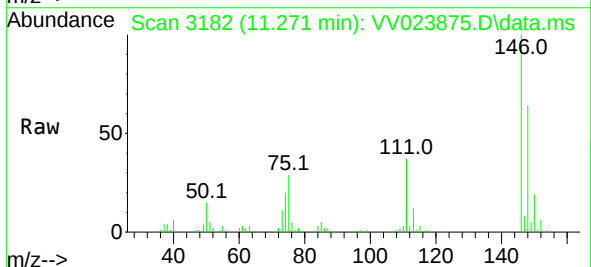
Instrument :
MSVOA_V
ClientSampleId :

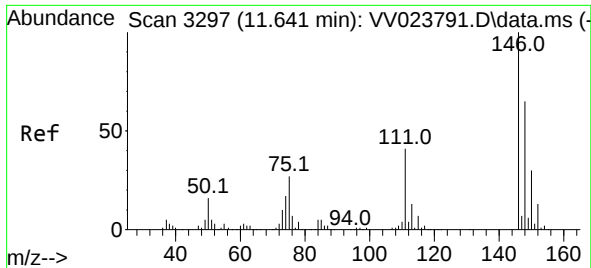
Tgt Ion:146 Resp: 103000
Ion Ratio Lower Upper
146 100
111 38.4 26.3 48.9
148 65.4 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.463 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

Tgt Ion:146 Resp: 101366
Ion Ratio Lower Upper
146 100
111 37.0 25.6 47.6
148 63.9 44.8 83.2

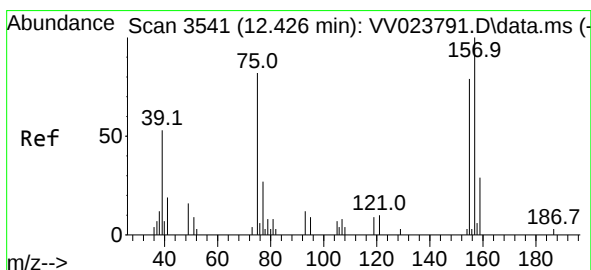
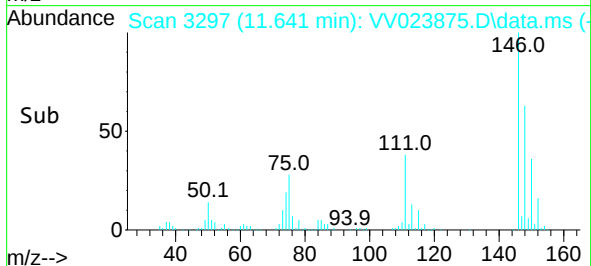
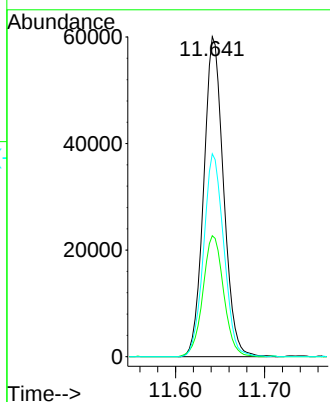
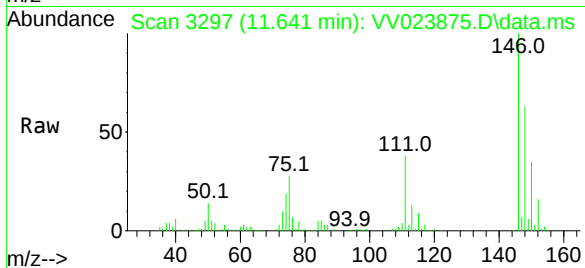




#67
1,2-Dichlorobenzene
Concen: 5.485 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

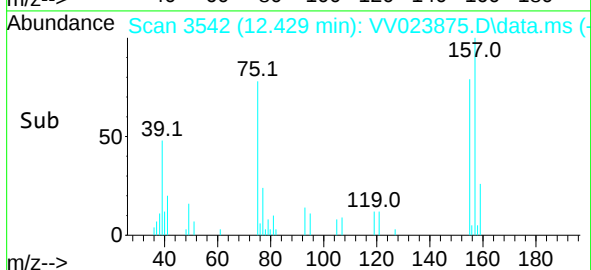
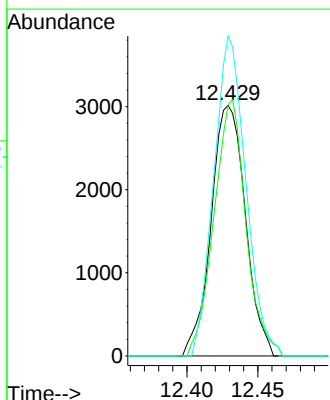
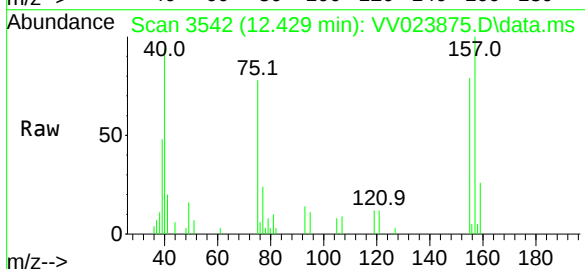
Instrument :
MSVOA_V
ClientSampleId :

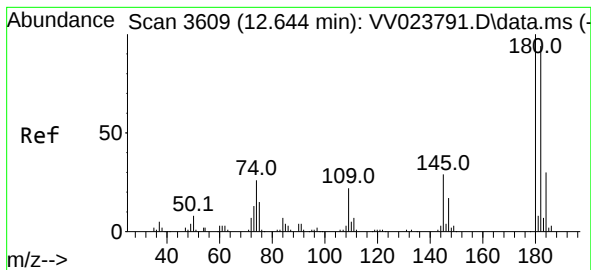
Tgt Ion:146 Resp: 92683
Ion Ratio Lower Upper
146 100
111 37.8 31.9 47.9
148 63.4 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.960 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV023875.D
Acq: 09 Dec 2021 20:40

Tgt Ion: 75 Resp: 5076
Ion Ratio Lower Upper
75 100
155 100.3 71.7 107.5
157 127.7 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 5.624 ug/L

RT: 12.644 min Scan# 30

Delta R.T. 0.000 min

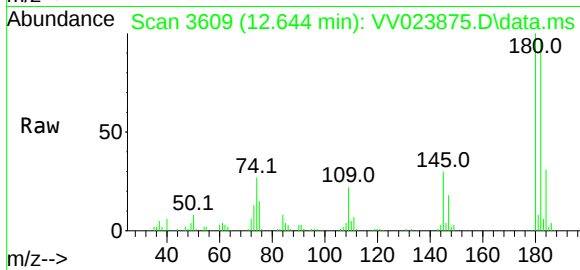
Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 81066

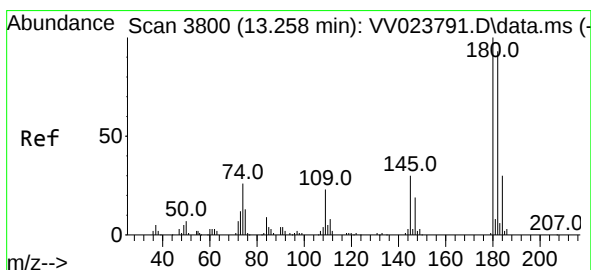
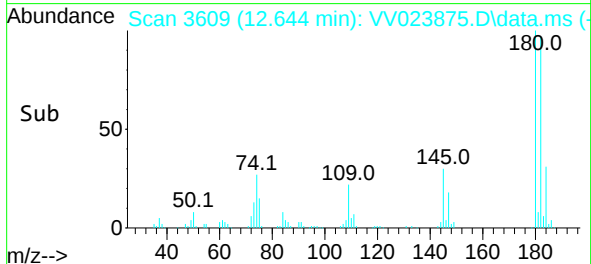
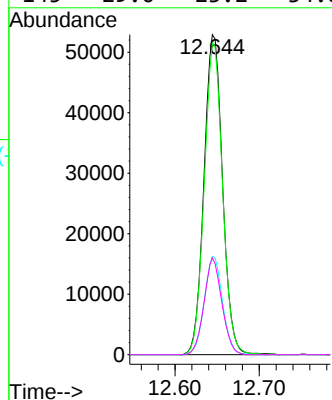
Ion Ratio Lower Upper

180 100

182 96.1 76.4 114.6

184 30.2 24.2 36.4

145 29.0 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.528 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

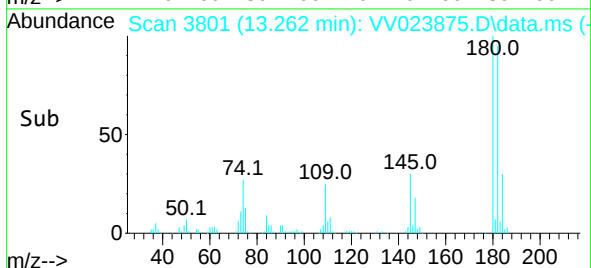
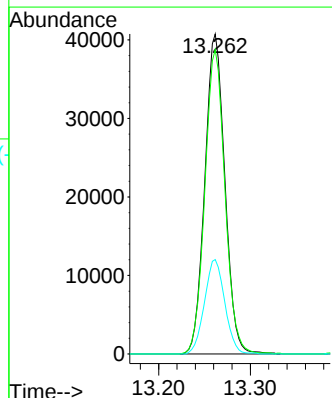
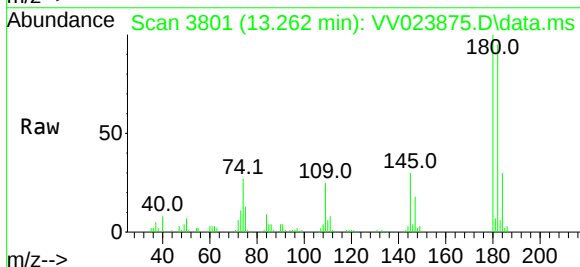
Tgt Ion:180 Resp: 61827

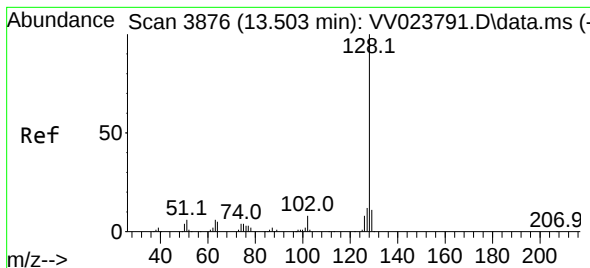
Ion Ratio Lower Upper

180 100

182 95.5 74.4 111.6

145 30.0 23.3 34.9





#71

Naphthalene

Concen: 5.772 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Instrument :

MSVOA_V

ClientSampleId :

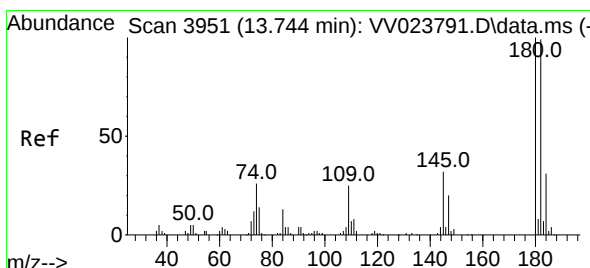
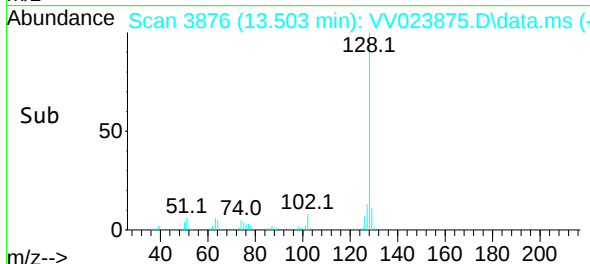
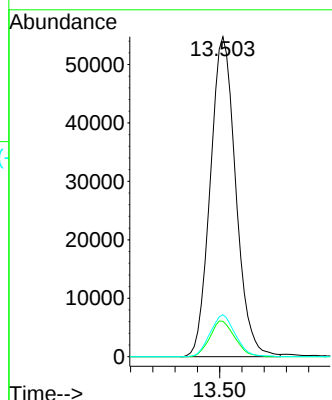
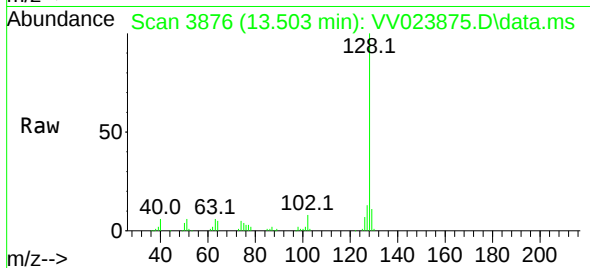
Tgt Ion:128 Resp: 86880

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.0 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.745 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023875.D

Acq: 09 Dec 2021 20:40

Tgt Ion:180 Resp: 55670

Ion Ratio Lower Upper

180 100

182 96.1 76.8 115.2

145 30.5 25.8 38.6

