

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122821\
 Data File : VW024231.D
 Acq On : 28 Dec 2021 20:22
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 29 05:07:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 04:43:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	99232	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	105405	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26872	3.600	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.568	69	25944	4.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.111	63	74770	4.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.902	46	70457	84.981	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	169.960%#
24) Chloroform-d	4.349	84	72482	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.034	65	35183	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.050	84	123638	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.072	67	34496	4.424	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.317	98	118845	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.622	79	13995	4.239	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.088	63	60264	54.287	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27799	5.222	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	49591	4.245	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	100038	4.361	ug/L	99
3) Chloromethane	1.240	50	73101	4.217	ug/L	97
5) Vinyl chloride	1.310	62	79148	4.462	ug/L	95
6) Bromomethane	1.523	94	34890	3.083	ug/L	97
8) Chloroethane	1.587	64	50523	4.899	ug/L	99
9) Trichlorofluoromethane	1.754	101	132846	4.607	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	62592	4.522	ug/L	98
12) 1,1-Dichloroethene	2.121	96	62458	4.584	ug/L	87
13) Acetone	2.191	43	87582	74.432	ug/L	75
14) Carbon disulfide	2.294	76	195677	4.444	ug/L	100
15) Methyl Acetate	2.439	43	19039	6.516	ug/L #	90
16) Methylene chloride	2.507	84	68585	4.709	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	137183	4.979	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	67310	4.652	ug/L	99
19) 1,1-Dichloroethane	3.188	63	111682	4.637	ug/L	99
21) 2-Butanone	3.979	43	115286	74.467	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	68891	4.811	ug/L	95
23) Bromochloromethane	4.246	128	32818	4.796	ug/L	88
25) Chloroform	4.375	83	127040	4.720	ug/L	100

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 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 29 05:07:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
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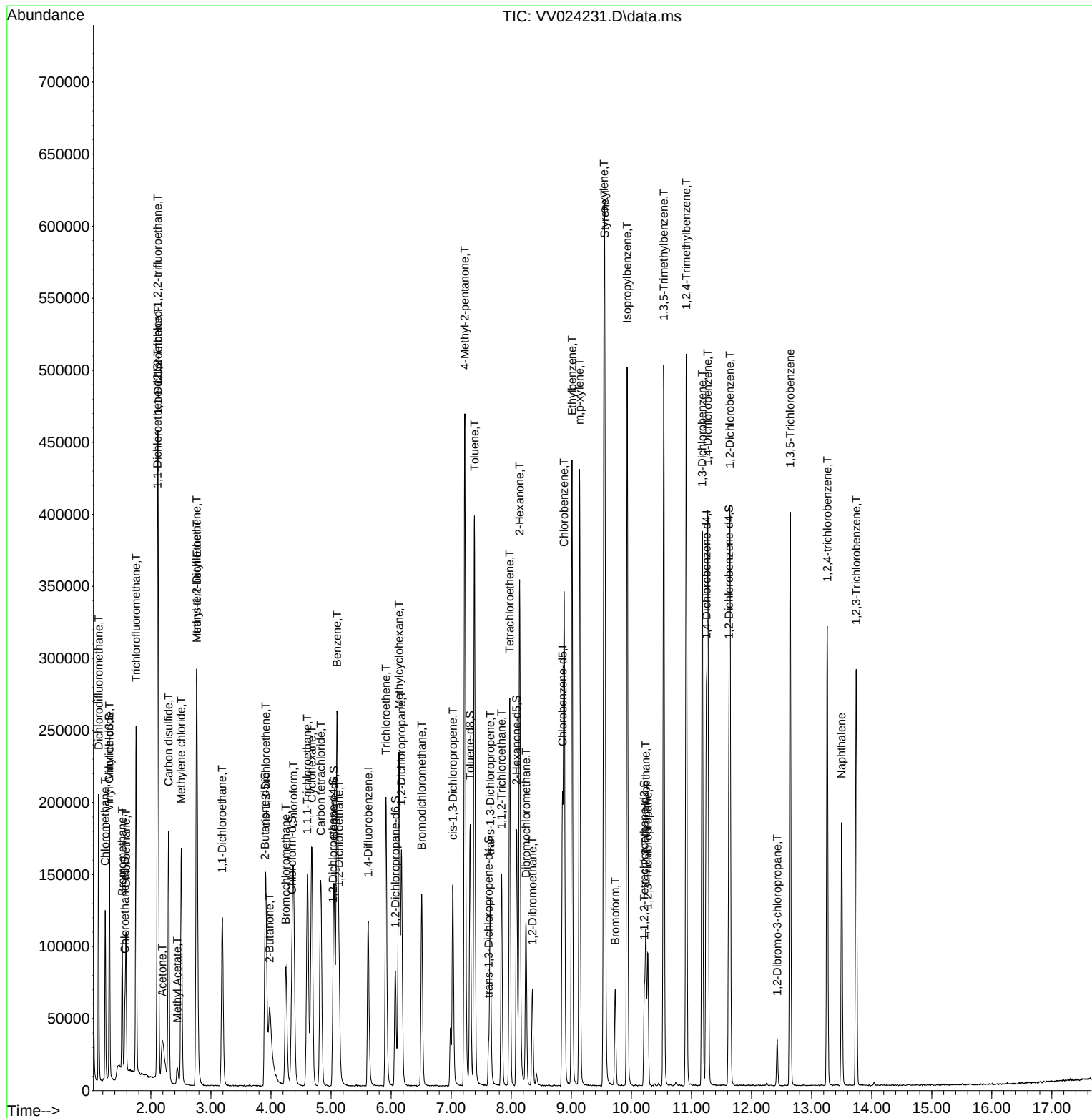
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	73717	4.893	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	119477	4.495	ug/L	100
30) Cyclohexane	4.677	56	84440	4.270	ug/L	96
31) Carbon tetrachloride	4.828	117	108177	4.388	ug/L	98
33) Benzene	5.098	78	254463	4.602	ug/L	100
34) Trichloroethene	5.912	95	67955	4.355	ug/L	95
35) Methylcyclohexane	6.133	83	97527	4.316	ug/L	96
37) 1,2-Dichloropropane	6.172	63	55250	4.333	ug/L	99
38) Bromodichloromethane	6.510	83	84335	4.616	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	80786	4.371	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	292041	47.922	ug/L #	97
42) Toluene	7.387	91	287011	4.651	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	69868	4.427	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	43256	4.576	ug/L	99
47) Tetrachloroethene	7.976	164	60512	4.359	ug/L	97
48) 2-Hexanone	8.140	43	209457	46.962	ug/L	97
49) Dibromochloromethane	8.246	129	58178	4.576	ug/L	98
50) 1,2-Dibromoethane	8.352	107	42651	4.748	ug/L	99
51) Chlorobenzene	8.879	112	184611	4.515	ug/L	98
52) Ethylbenzene	9.011	91	291306	4.440	ug/L	99
53) m,p-xylene	9.136	106	119824	4.604	ug/L	99
54) o-xylene	9.545	106	117076	4.698	ug/L	97
55) Styrene	9.558	104	201997	4.811	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	46403	5.065	ug/L	99
59) Bromoform	9.731	173	30319	4.186	ug/L	98
60) Isopropylbenzene	9.931	105	304569	4.287	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	34778	4.374	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	259363	4.330	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	269500	4.414	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	158194	4.297	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	157685	4.322	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	144041	4.323	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	7623	4.445	ug/L #	90
69) 1,3,5-Trichlorobenzene	12.644	180	125600	4.285	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	98041	4.343	ug/L	98
71) Naphthalene	13.500	128	146940	4.384	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	89814	4.524	ug/L	99

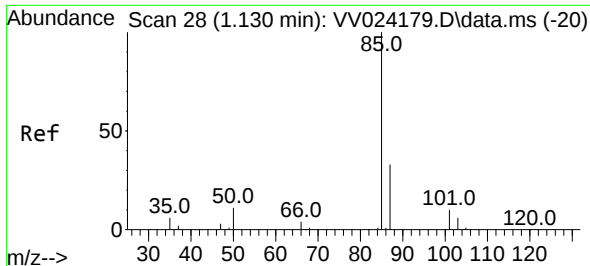
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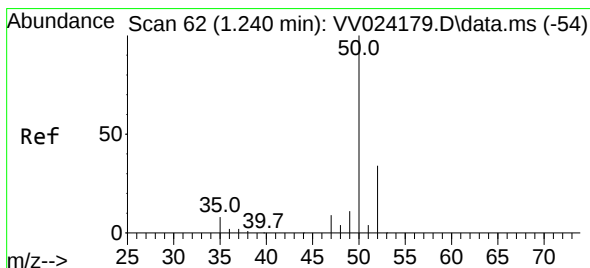
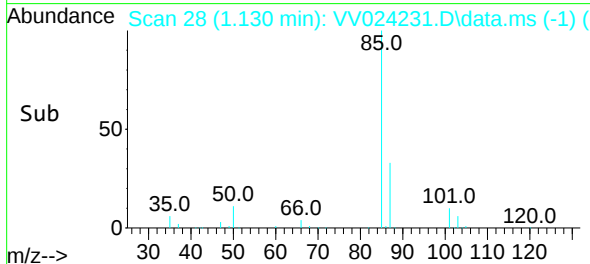
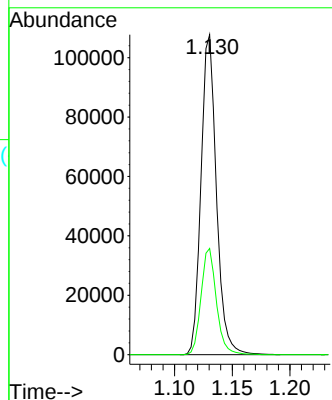
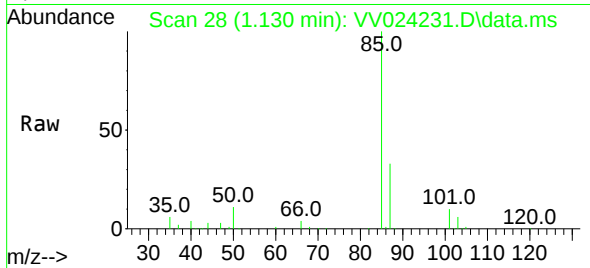




#2
 Dichlorodifluoromethane
 Concen: 4.361 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024231.D
 Acq: 28 Dec 2021 20:22

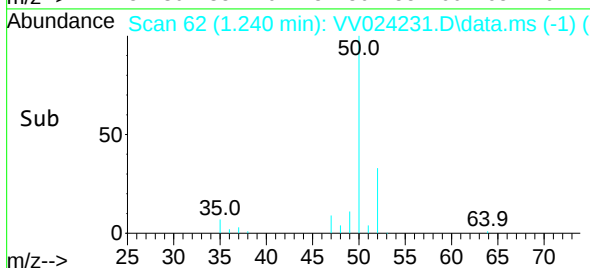
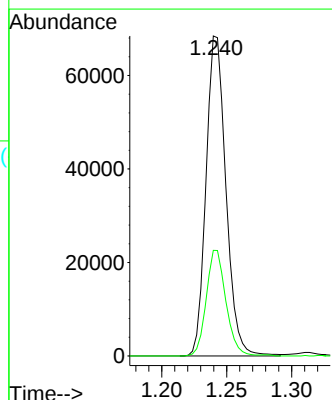
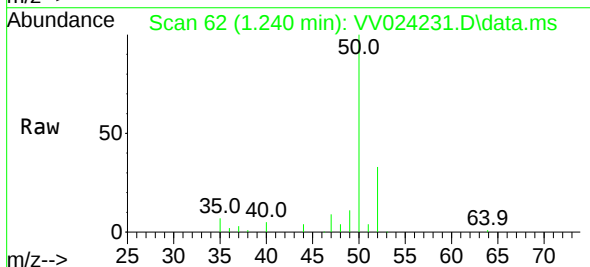
Instrument :
 MSVOA_V
 ClientSampleId :

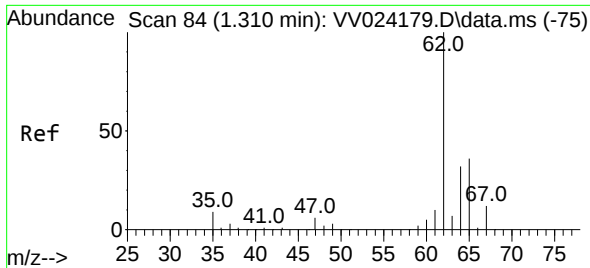
Tgt Ion: 85 Resp: 100038
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.0 39.0



#3
 Chloromethane
 Concen: 4.217 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024231.D
 Acq: 28 Dec 2021 20:22

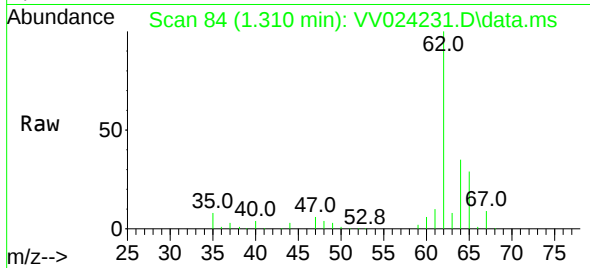
Tgt Ion: 50 Resp: 73101
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.0 41.0



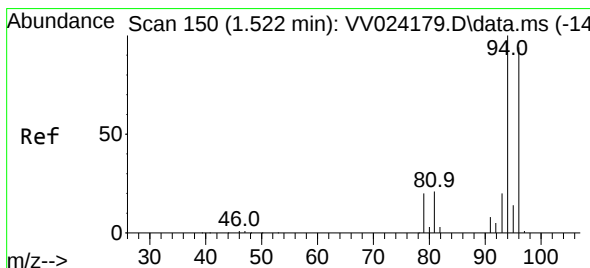
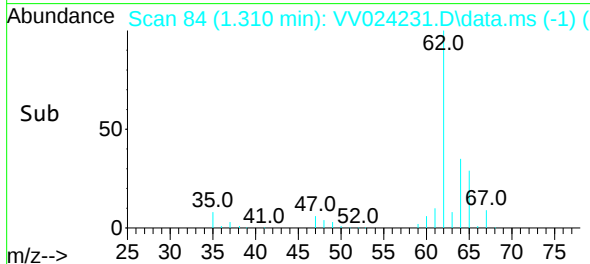
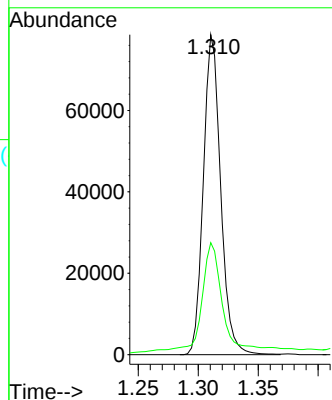


#5
 Vinyl chloride
 Concen: 4.462 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024231.D
 Acq: 28 Dec 2021 20:22

Instrument :
 MSVOA_V
 ClientSampleId :

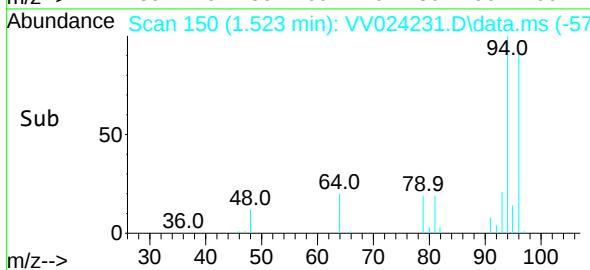
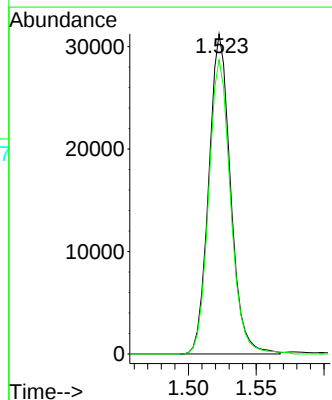
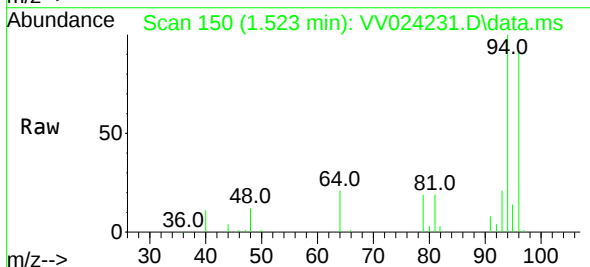


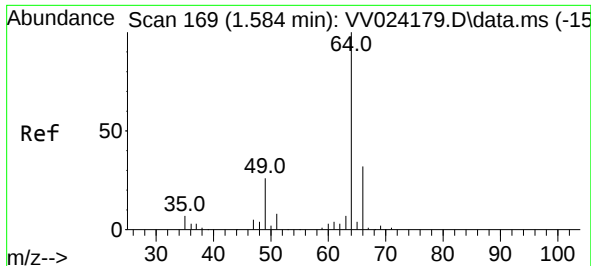
Tgt Ion: 62 Resp: 79148
 Ion Ratio Lower Upper
 62 100
 64 35.0 22.4 41.6



#6
 Bromomethane
 Concen: 3.083 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024231.D
 Acq: 28 Dec 2021 20:22

Tgt Ion: 94 Resp: 34890
 Ion Ratio Lower Upper
 94 100
 96 91.9 66.2 123.0

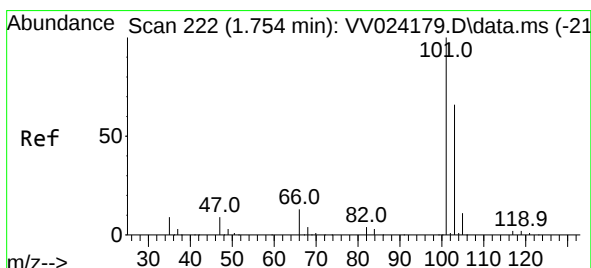
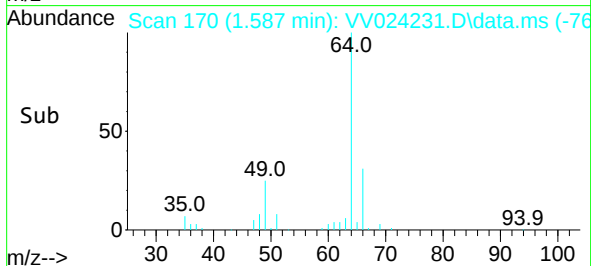
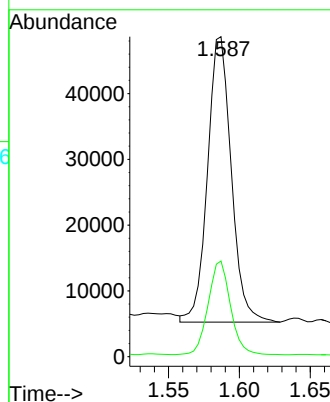
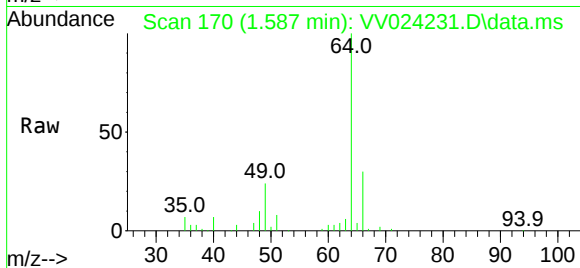




#8
Chloroethane
Concen: 4.899 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

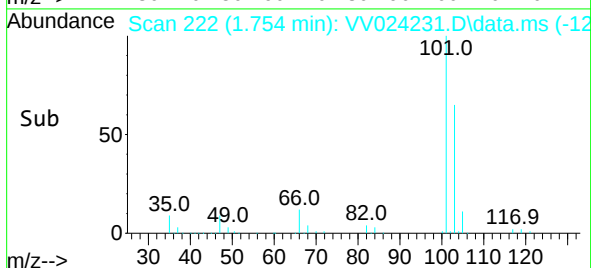
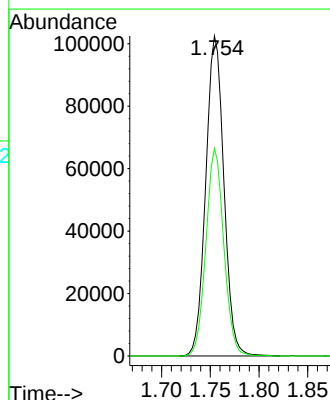
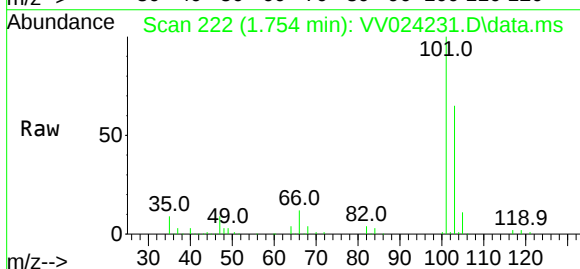
Instrument :
MSVOA_V
ClientSampleId :

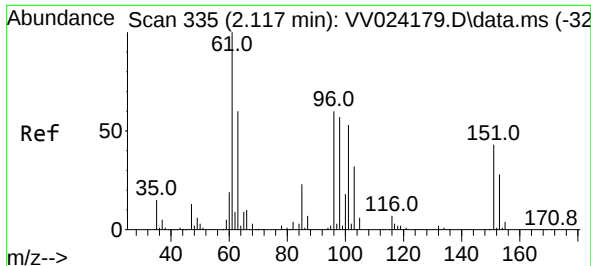
Tgt Ion: 64 Resp: 50523
Ion Ratio Lower Upper
64 100
66 29.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.607 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

Tgt Ion:101 Resp: 132846
Ion Ratio Lower Upper
101 100
103 63.8 51.6 77.4





#10

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

Concen: 4.522 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

Instrument :

MSVOA_V

ClientSampleId :

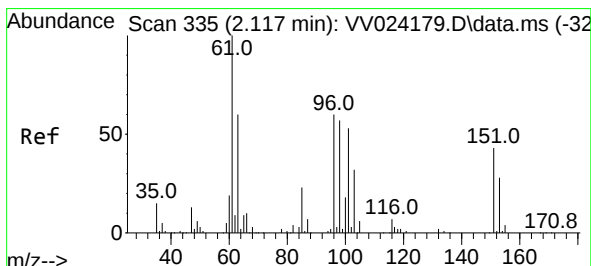
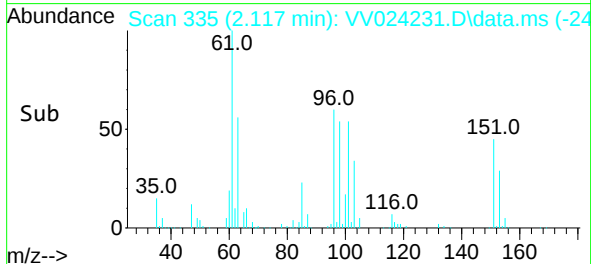
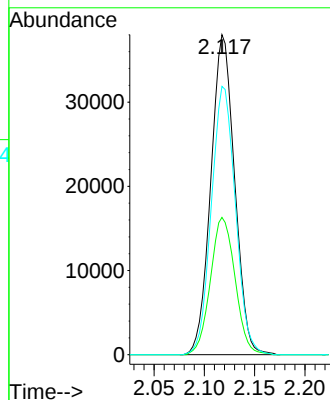
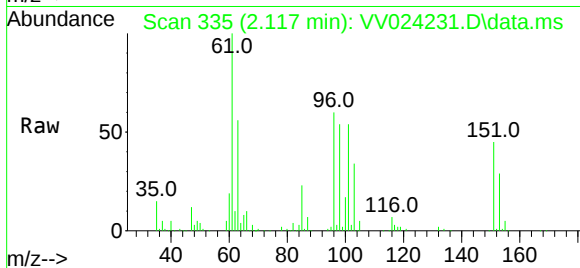
Tgt Ion:101 Resp: 62592

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

151 84.9 66.4 99.6



#12

1,1-Dichloroethene

Concen: 4.584 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

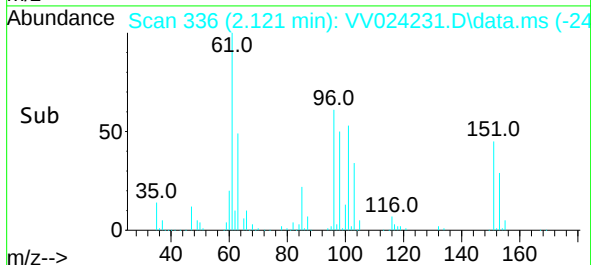
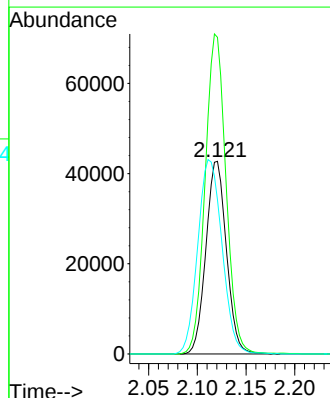
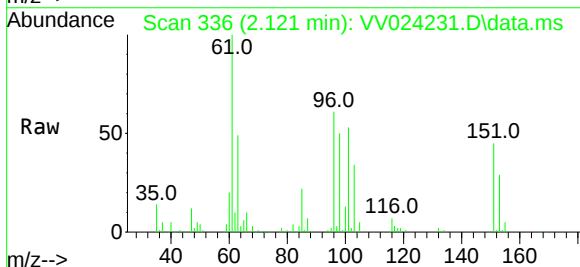
Tgt Ion: 96 Resp: 62458

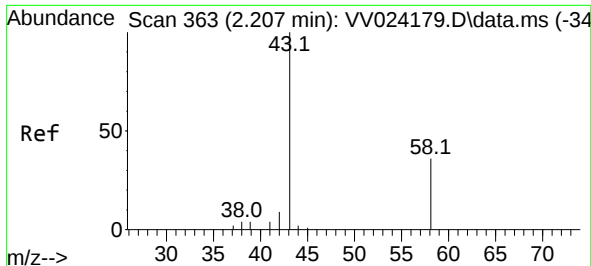
Ion Ratio Lower Upper

96 100

61 164.3 116.1 215.5

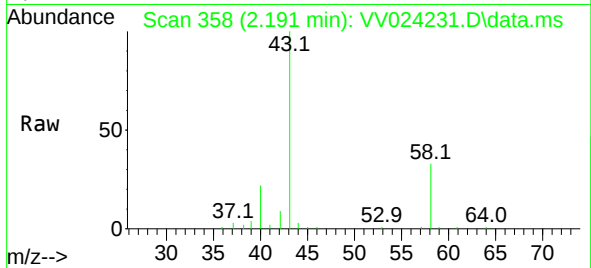
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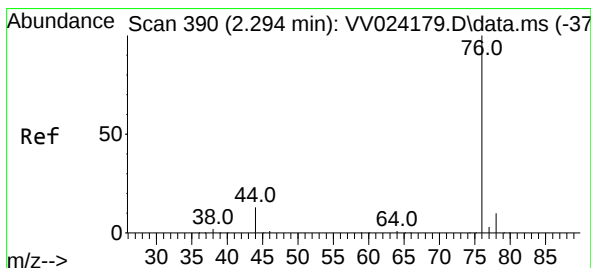
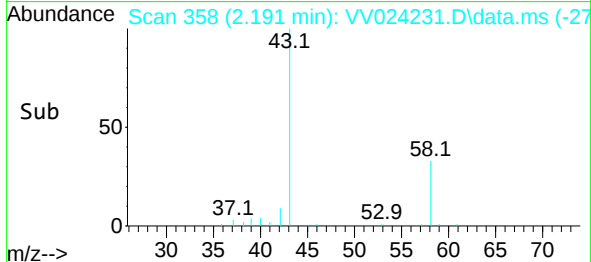
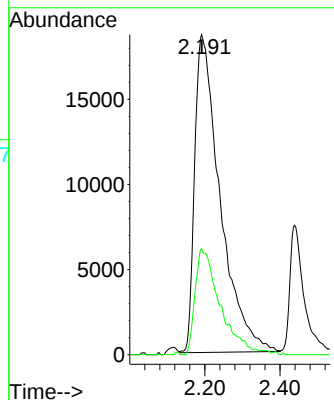


#13
Acetone
Concen: 74.432 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.019 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

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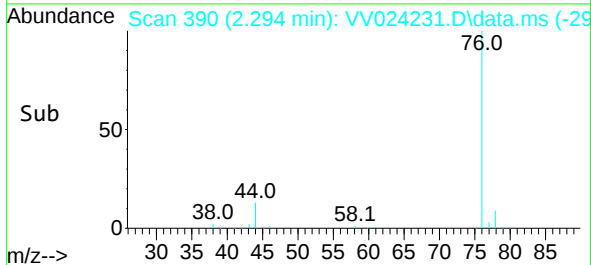
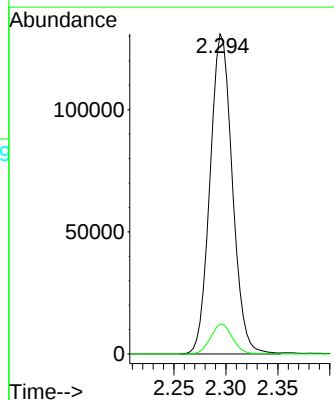
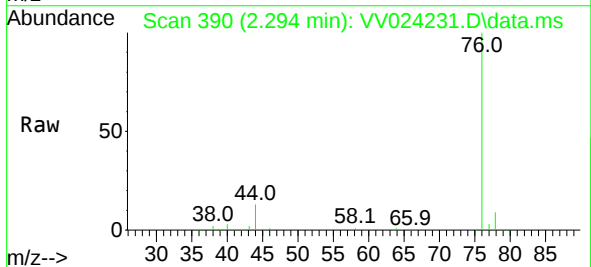


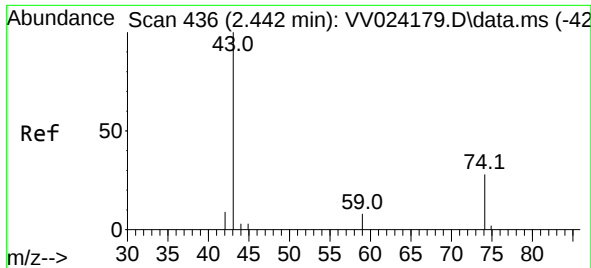
Tgt Ion: 43 Resp: 87582
Ion Ratio Lower Upper
43 100
58 32.2 0.0 41.4



#14
Carbon disulfide
Concen: 4.444 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV024231.D
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Tgt Ion: 76 Resp: 195677
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

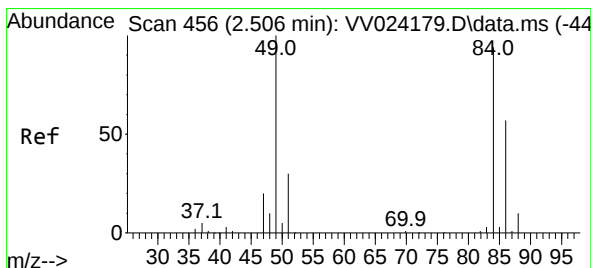
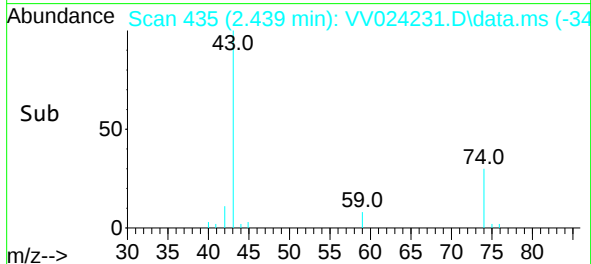
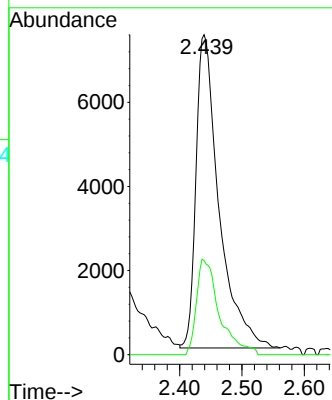
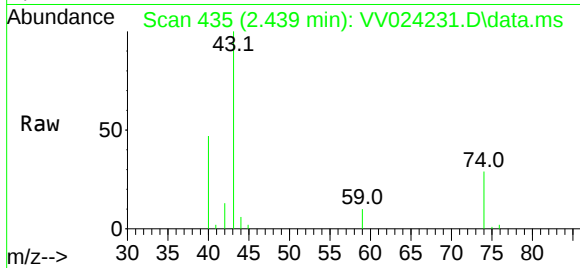




#15
Methyl Acetate
Concen: 6.516 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

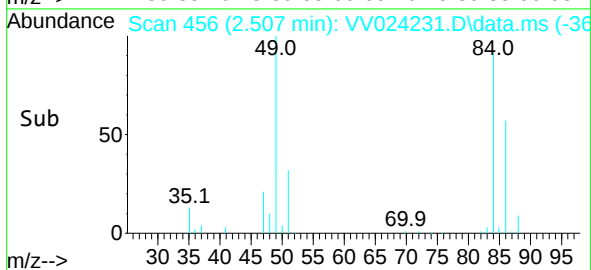
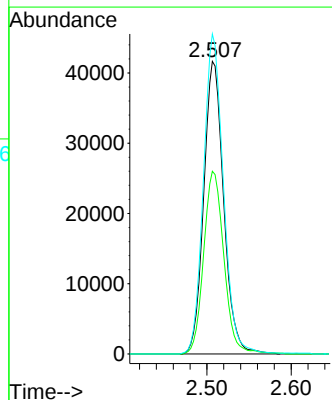
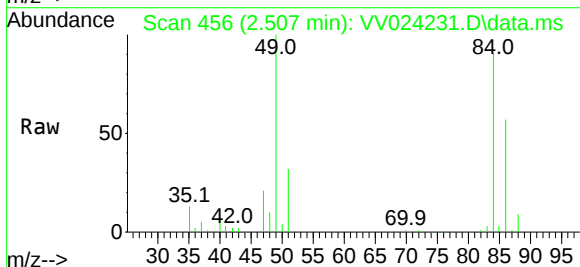
Instrument :
MSVOA_V
ClientSampleId :

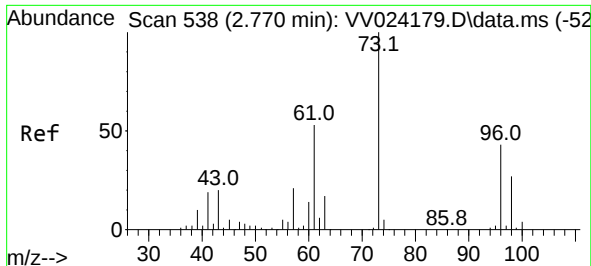
Tgt Ion: 43 Resp: 19039
Ion Ratio Lower Upper
43 100
74 30.3 20.2 30.2#



#16
Methylene chloride
Concen: 4.709 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

Tgt Ion: 84 Resp: 68585
Ion Ratio Lower Upper
84 100
86 62.5 42.6 79.0
49 109.4 79.7 147.9

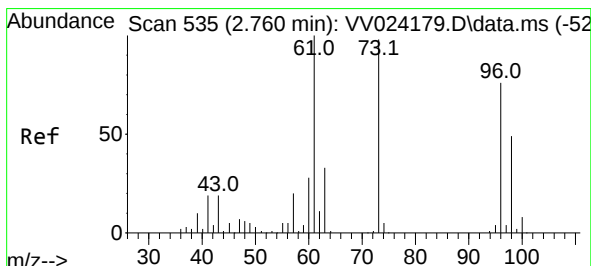
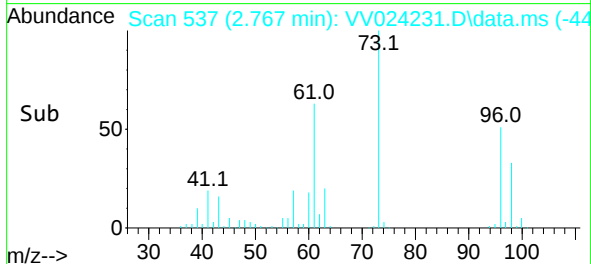
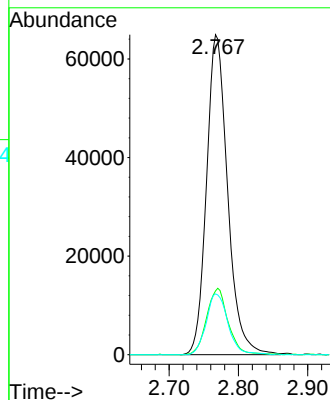
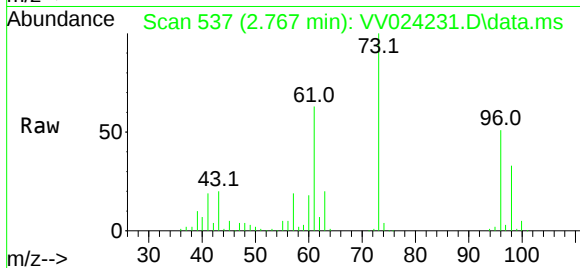




#17
Methyl tert-butyl Ether
Concen: 4.979 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

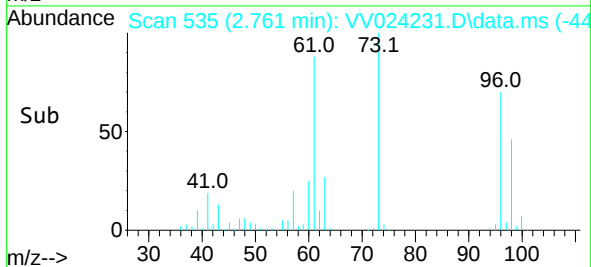
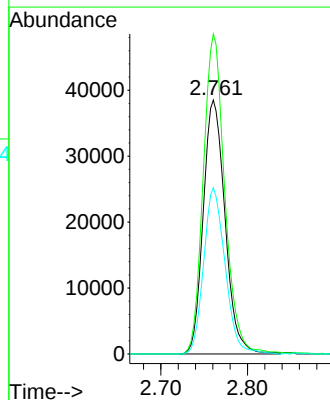
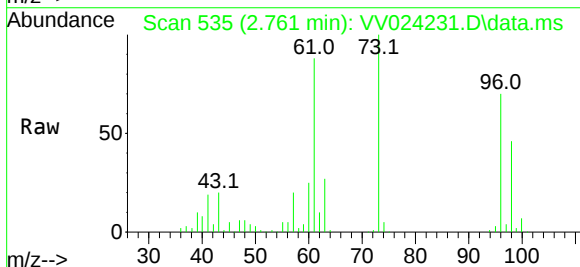
Instrument :
MSVOA_V
ClientSampleId :

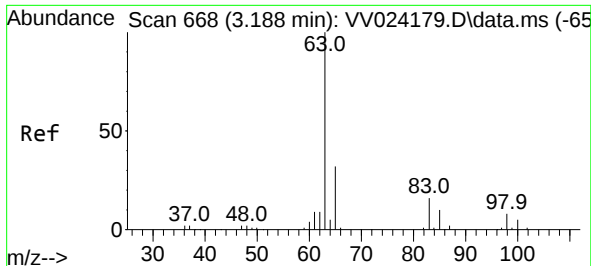
Tgt Ion: 73 Resp: 137183
Ion Ratio Lower Upper
73 100
43 21.1 15.5 23.3
57 19.6 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.652 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

Tgt Ion: 96 Resp: 67310
Ion Ratio Lower Upper
96 100
61 126.1 88.2 163.8
98 65.5 44.9 83.5





#19

1,1-Dichloroethane

Concen: 4.637 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

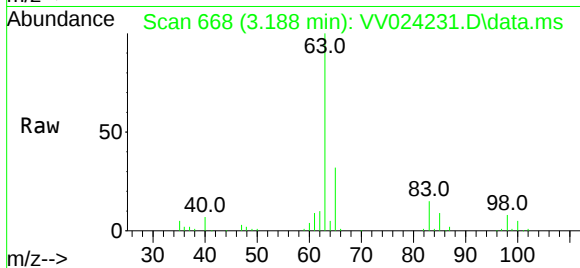
Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

Instrument :

MSVOA_V

ClientSampleId :



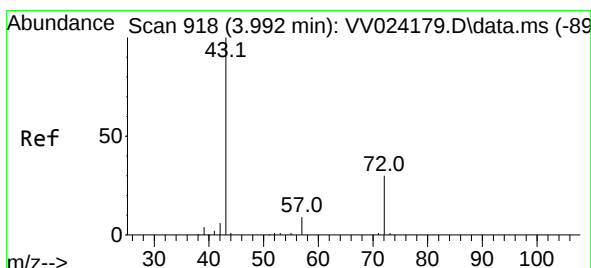
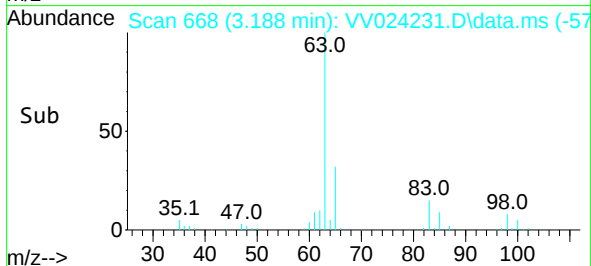
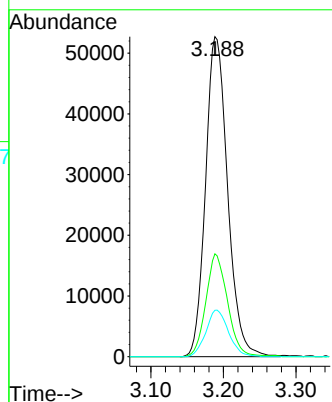
Tgt Ion: 63 Resp: 111682

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.3

83 14.5 10.7 19.9



#21

2-Butanone

Concen: 74.467 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.016 min

Lab File: VV024231.D

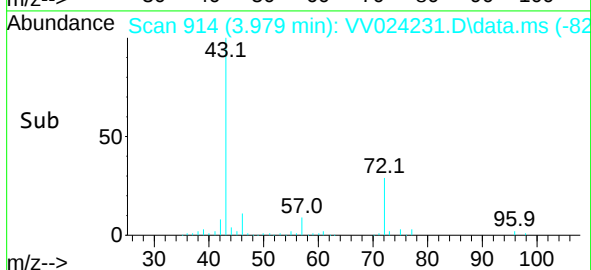
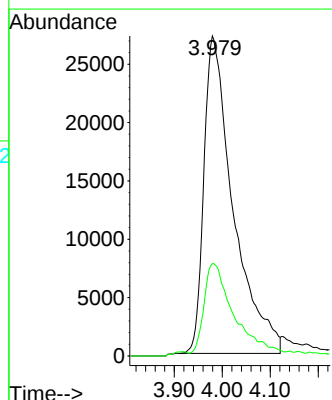
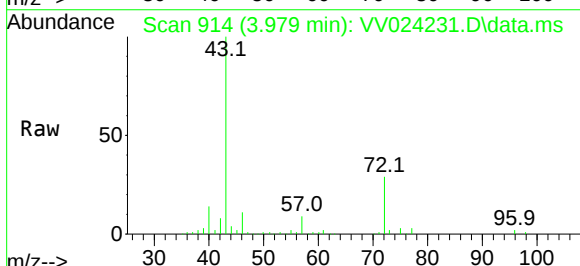
Acq: 28 Dec 2021 20:22

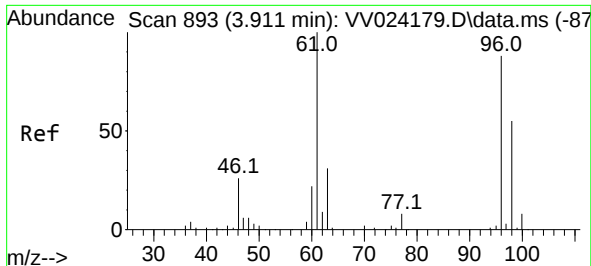
Tgt Ion: 43 Resp: 115286

Ion Ratio Lower Upper

43 100

72 26.5 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 4.811 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.000 min

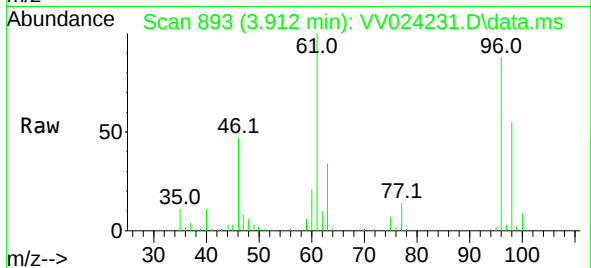
Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

Instrument :

MSVOA_V

ClientSampleId :



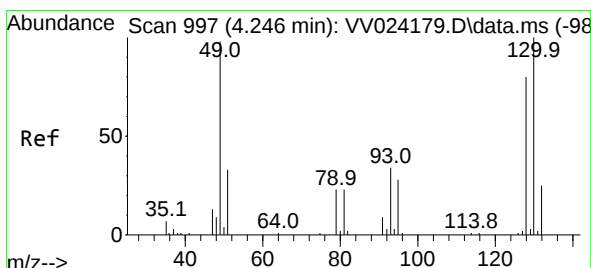
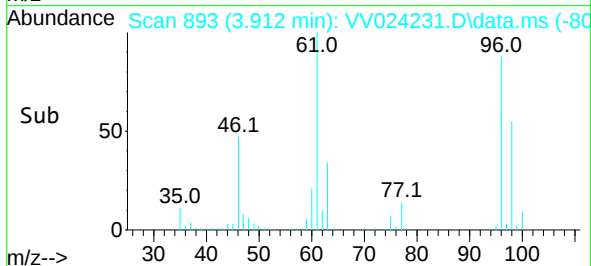
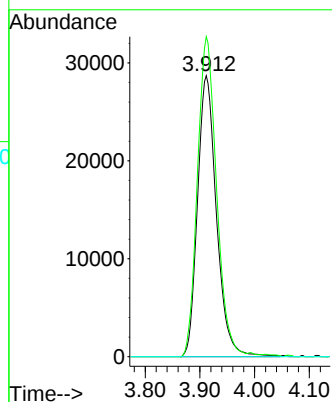
Tgt Ion: 96 Resp: 68891

Ion Ratio Lower Upper

96 100

61 113.9 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.796 ug/L

RT: 4.246 min Scan# 997

Delta R.T. -0.003 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

Tgt Ion:128 Resp: 32818

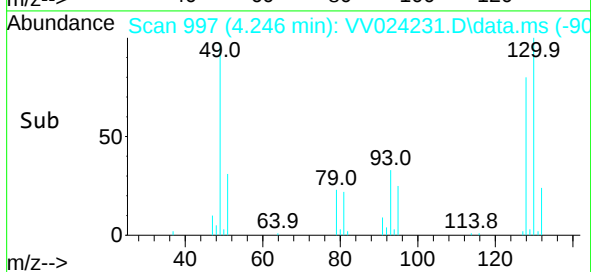
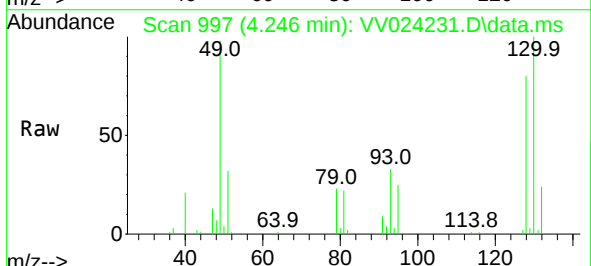
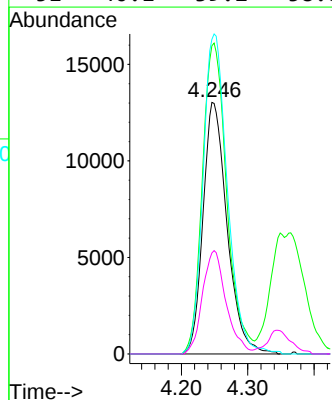
Ion Ratio Lower Upper

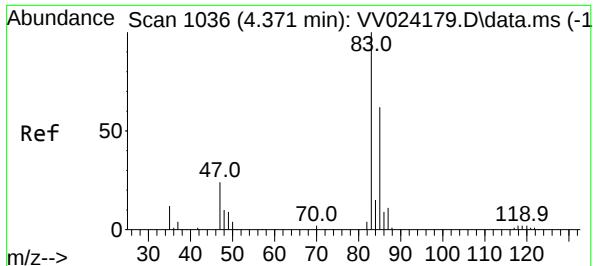
128 100

49 122.5 100.2 186.2

130 125.1 92.5 171.7

51 40.1 39.2 58.8





#25

Chloroform

Concen: 4.720 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

Instrument :

MSVOA_V

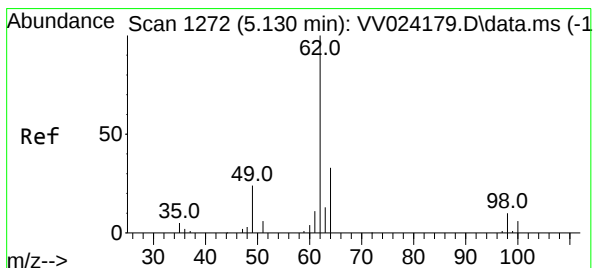
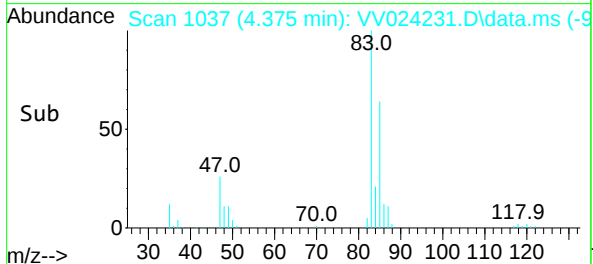
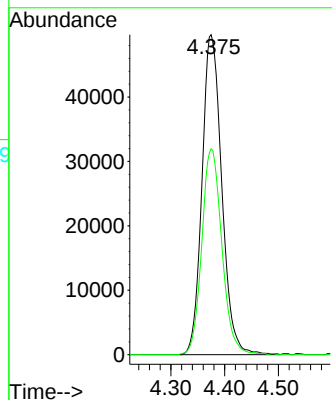
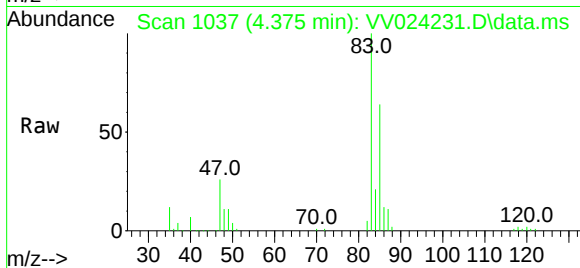
ClientSampleId :

Tgt Ion: 83 Resp: 127040

Ion Ratio Lower Upper

83 100

85 64.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.893 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV024231.D

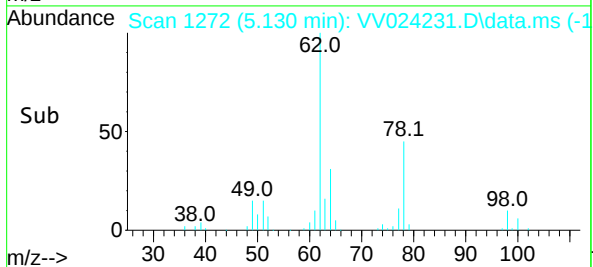
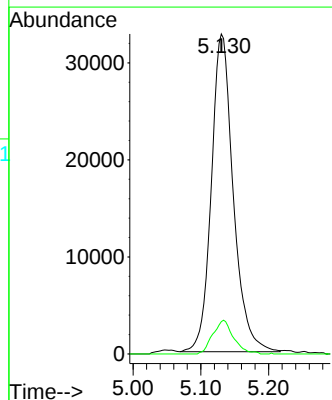
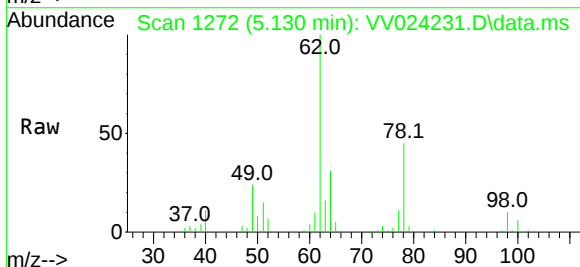
Acq: 28 Dec 2021 20:22

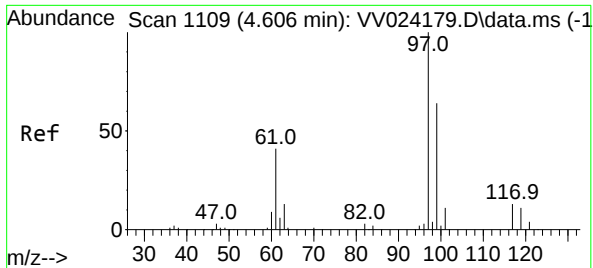
Tgt Ion: 62 Resp: 73717

Ion Ratio Lower Upper

62 100

98 10.1 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 4.495 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

Instrument :

MSVOA_V

ClientSampleId :

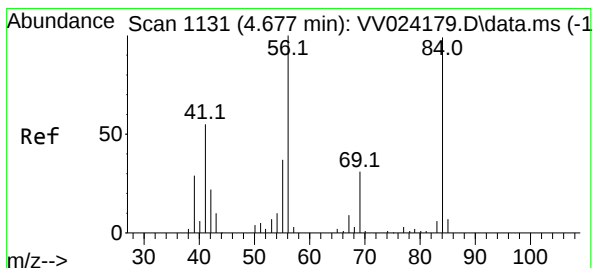
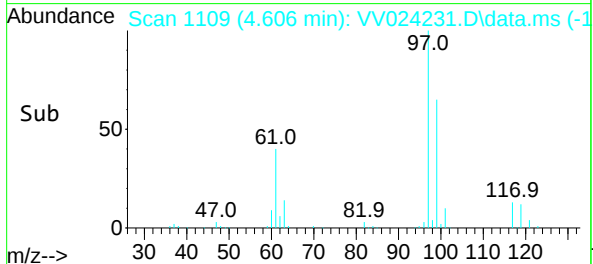
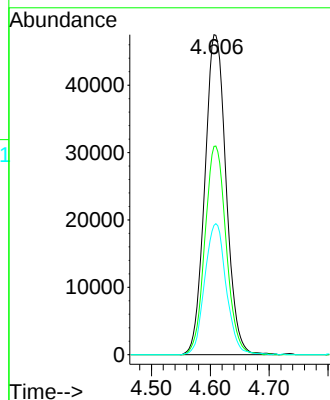
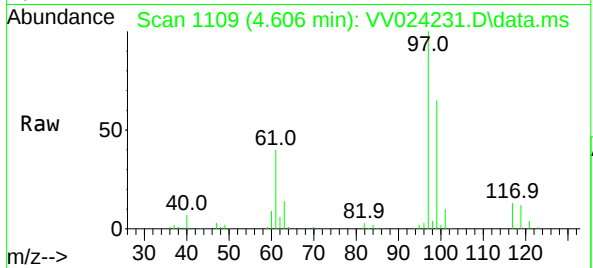
Tgt Ion: 97 Resp: 119477

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 41.1 33.2 49.8



#30

Cyclohexane

Concen: 4.270 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

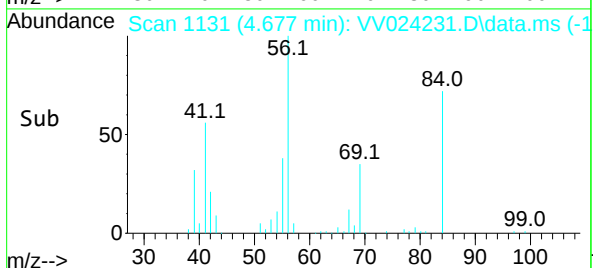
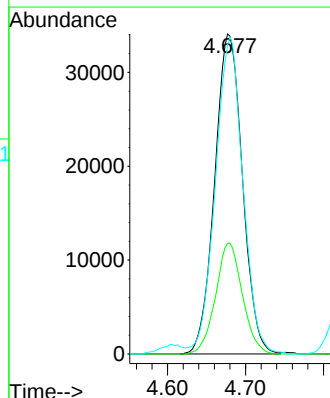
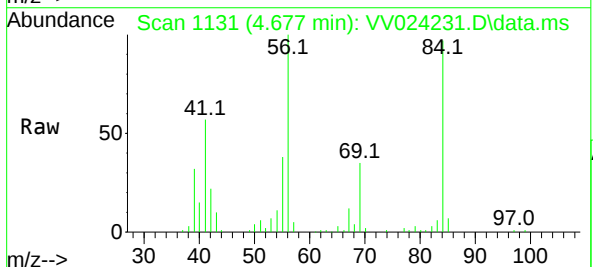
Tgt Ion: 56 Resp: 84440

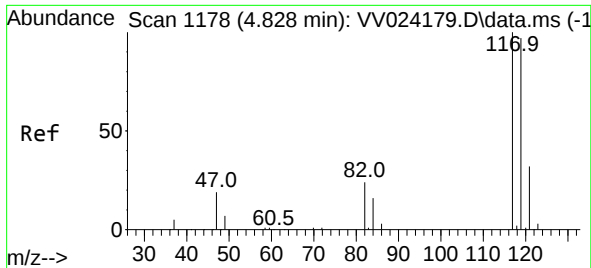
Ion Ratio Lower Upper

56 100

69 33.4 24.8 37.2

84 98.3 75.9 113.9

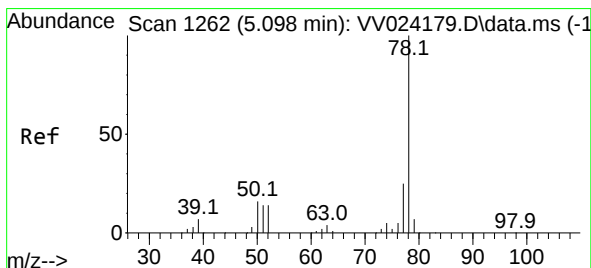
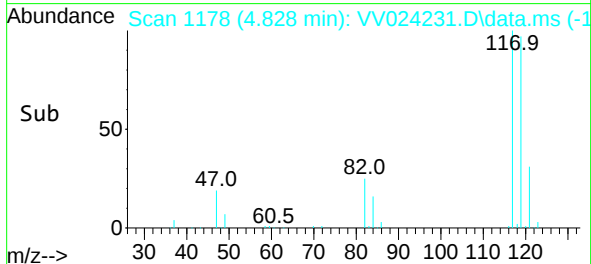
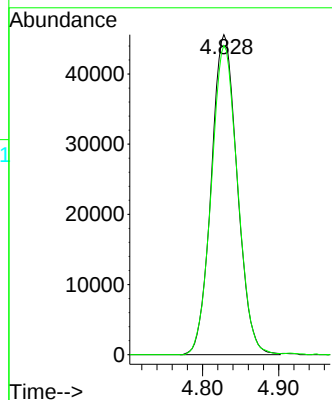
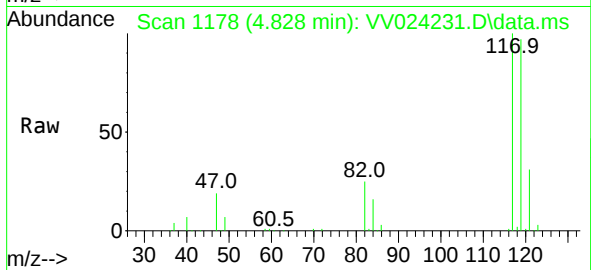




#31
Carbon tetrachloride
Concen: 4.388 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

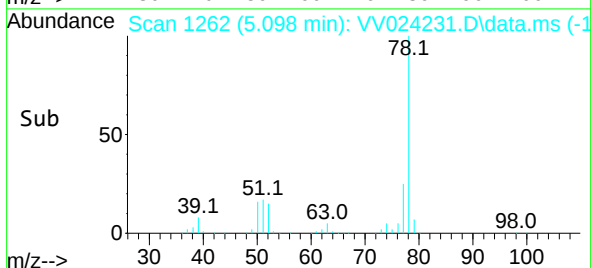
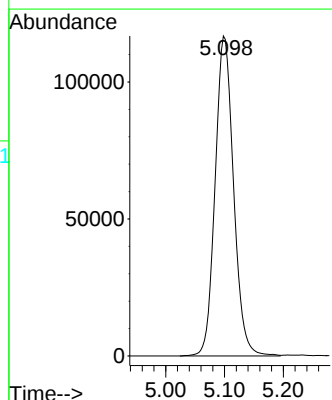
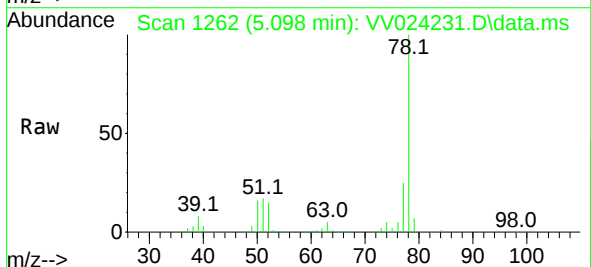
Instrument :
MSVOA_V
ClientSampleId :

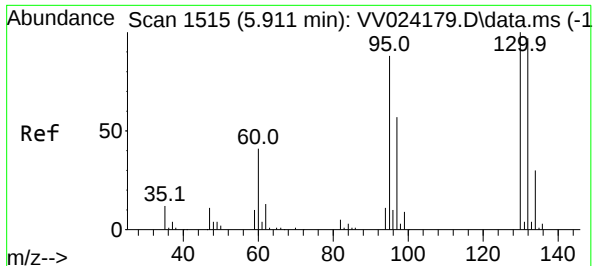
Tgt Ion:117 Resp: 108177
Ion Ratio Lower Upper
117 100
119 97.7 76.6 114.8



#33
Benzene
Concen: 4.602 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

Tgt Ion: 78 Resp: 254463





#34

Trichloroethene

Concen: 4.355 ug/L

RT: 5.912 min Scan# 1

Delta R.T. -0.000 min

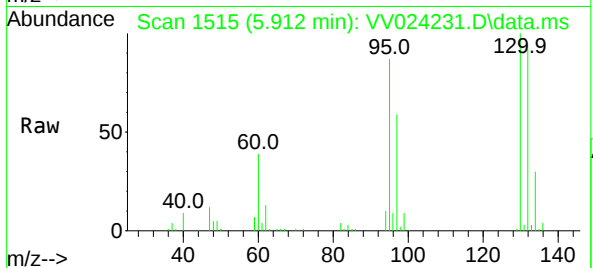
Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 67955

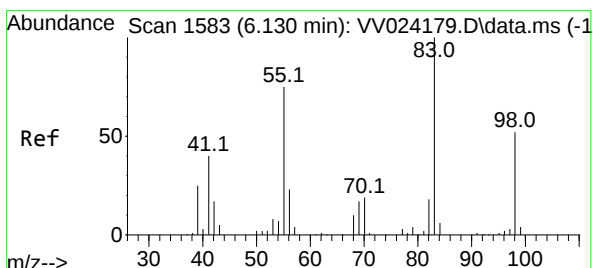
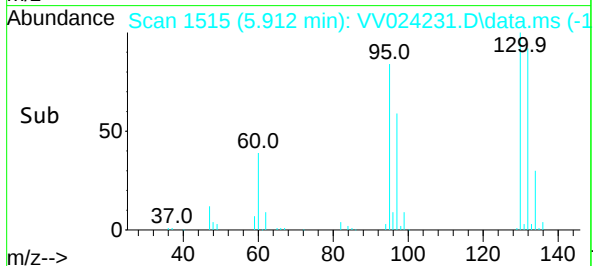
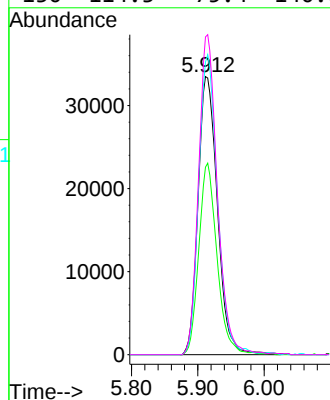
Ion Ratio Lower Upper

95 100

97 67.5 45.2 84.0

132 105.2 76.1 141.3

130 114.3 75.4 140.0



#35

Methylcyclohexane

Concen: 4.316 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

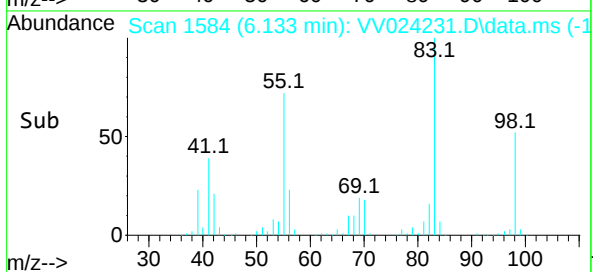
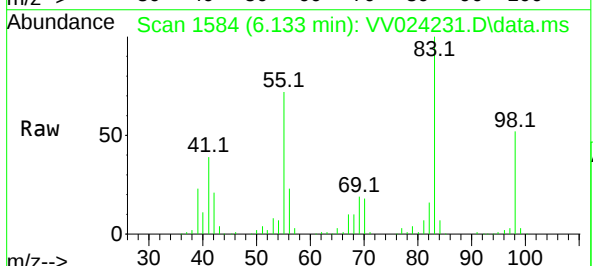
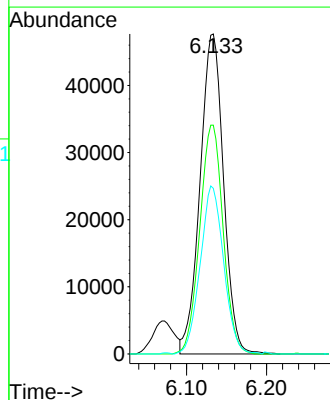
Tgt Ion: 83 Resp: 97527

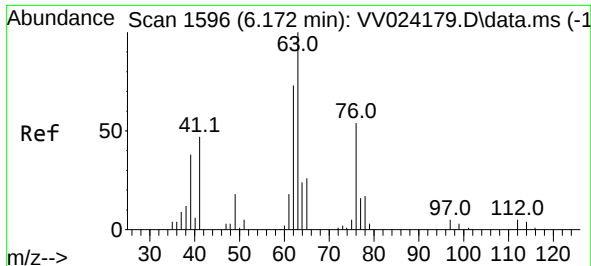
Ion Ratio Lower Upper

83 100

55 71.0 60.2 90.2

98 52.4 41.0 61.4





#37

1,2-Dichloropropane

Concen: 4.333 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

Instrument :

MSVOA_V

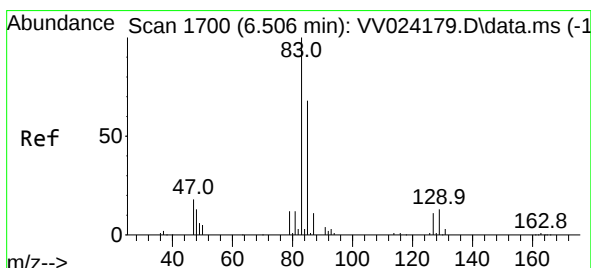
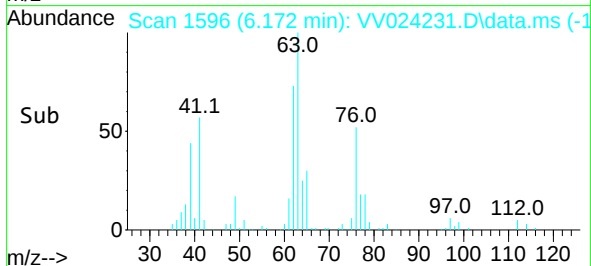
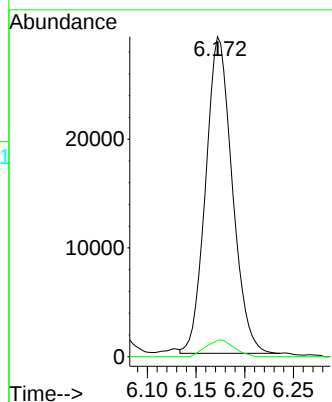
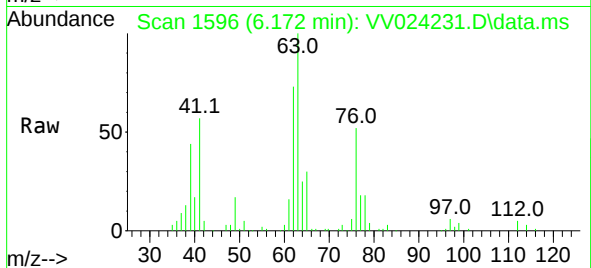
ClientSampleId :

Tgt Ion: 63 Resp: 55250

Ion Ratio Lower Upper

63 100

112 5.6 4.3 6.5



#38

Bromodichloromethane

Concen: 4.616 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

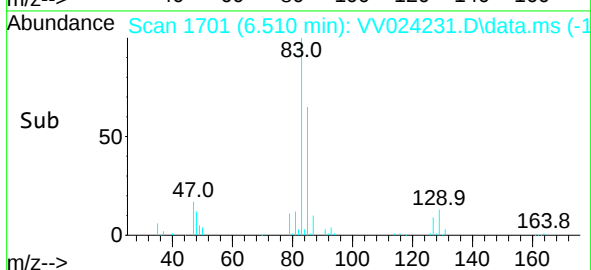
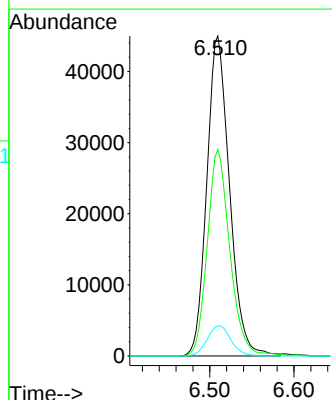
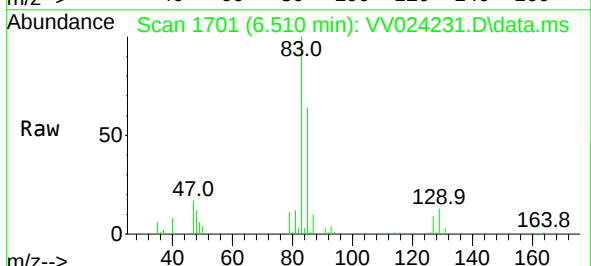
Tgt Ion: 83 Resp: 84335

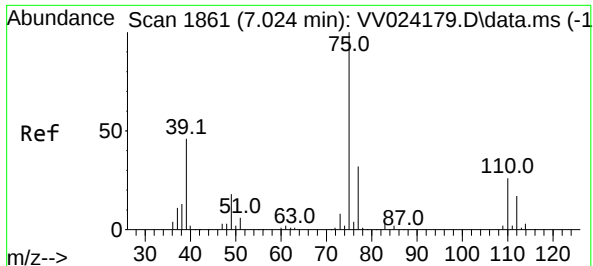
Ion Ratio Lower Upper

83 100

85 64.5 44.0 81.8

127 9.4 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.371 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

Instrument :

MSVOA_V

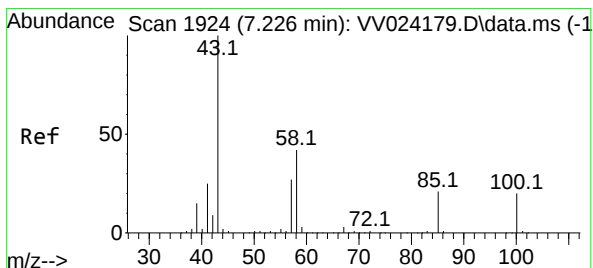
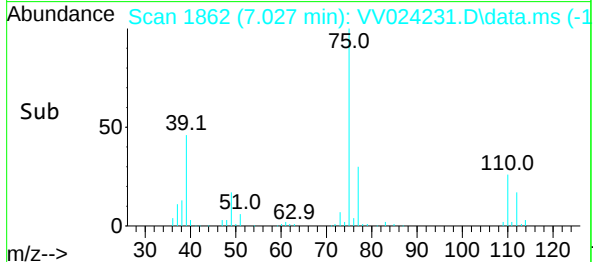
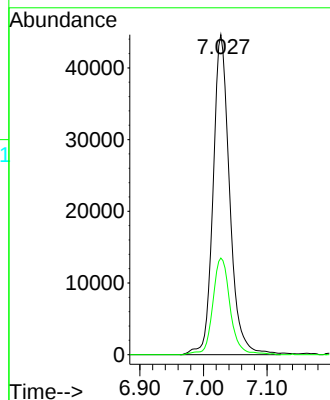
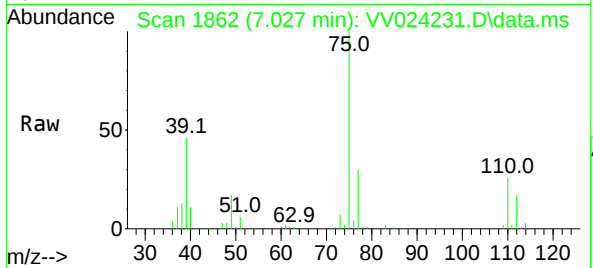
ClientSampleId :

Tgt Ion: 75 Resp: 80786

Ion Ratio Lower Upper

75 100

77 30.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 47.922 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

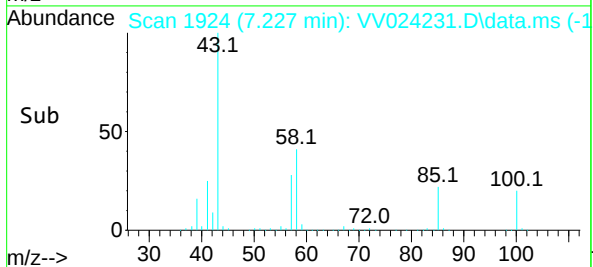
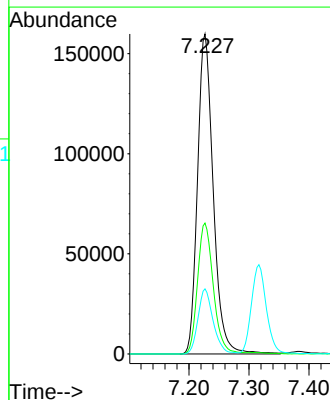
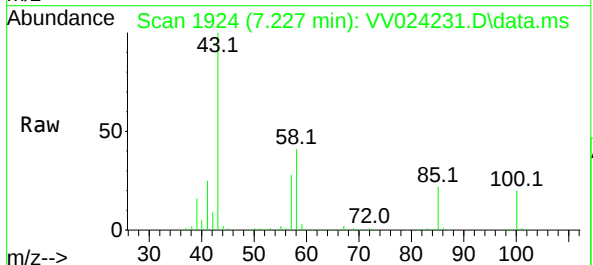
Tgt Ion: 43 Resp: 292041

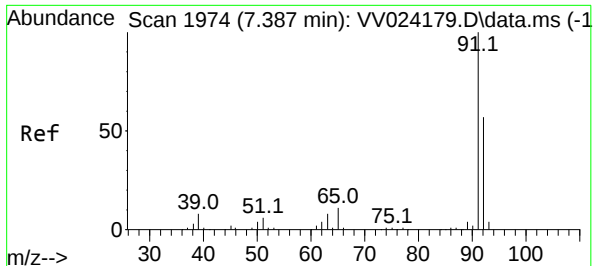
Ion Ratio Lower Upper

43 100

58 41.0 32.3 48.5

100 19.6 13.0 19.6#





#42

Toluene

Concen: 4.651 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

Instrument :

MSVOA_V

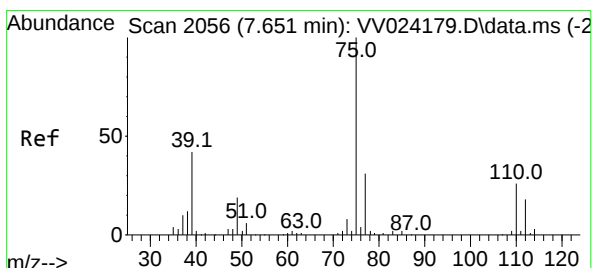
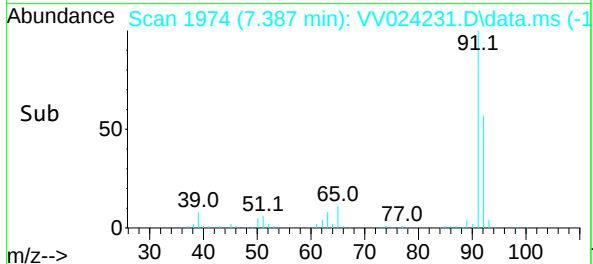
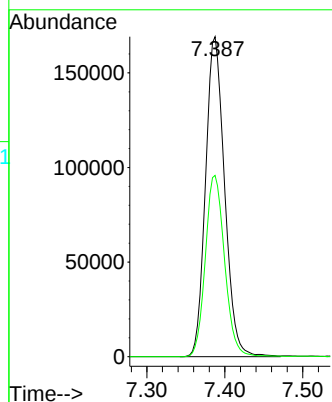
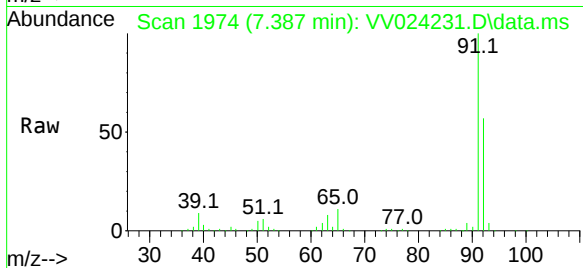
ClientSampleId :

Tgt Ion: 91 Resp: 287011

Ion Ratio Lower Upper

91 100

92 56.6 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.427 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV024231.D

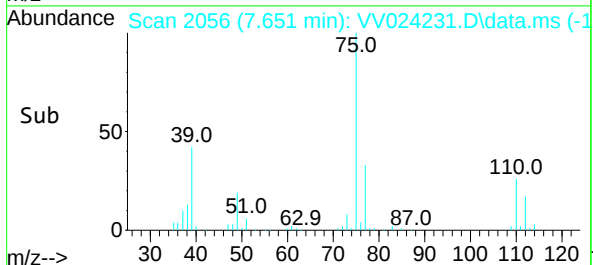
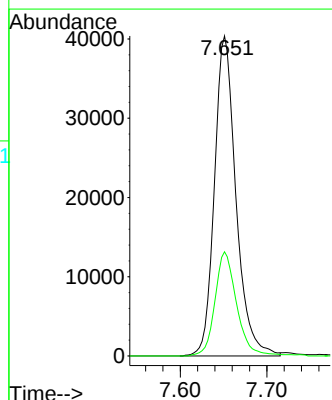
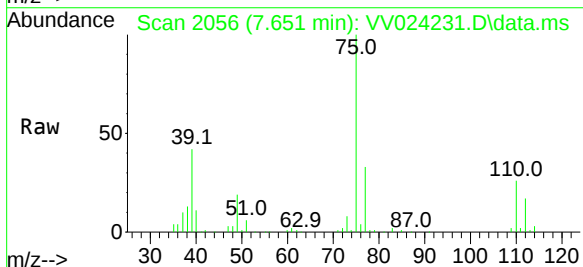
Acq: 28 Dec 2021 20:22

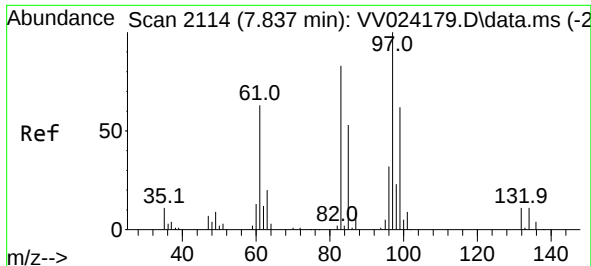
Tgt Ion: 75 Resp: 69868

Ion Ratio Lower Upper

75 100

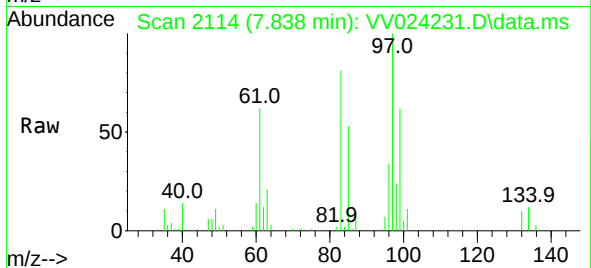
77 32.5 21.8 40.4



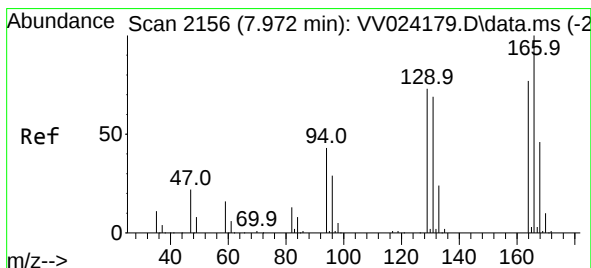
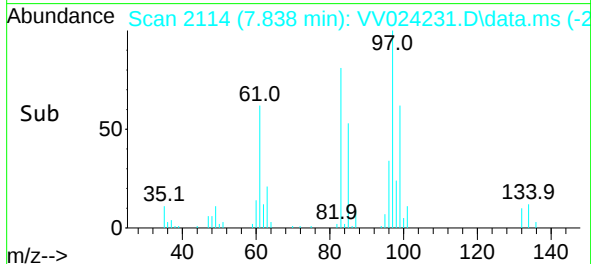
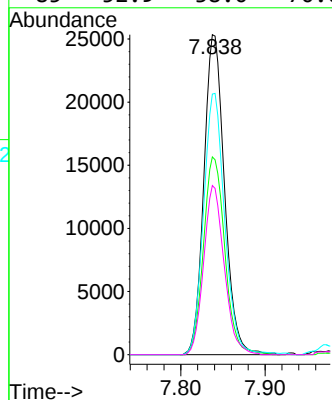


#45
1,1,2-Trichloroethane
Concen: 4.576 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

Instrument :
MSVOA_V
ClientSampleId :

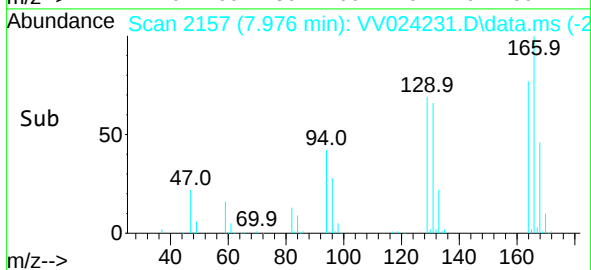
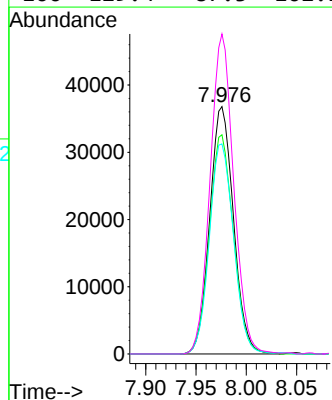
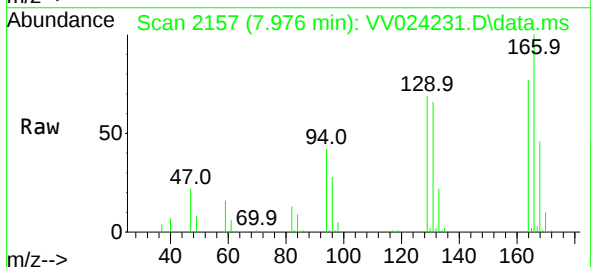


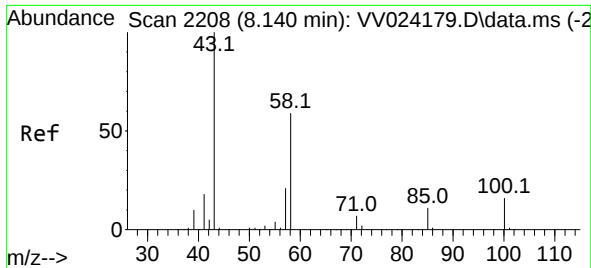
Tgt Ion: 97	Resp: 43256
Ion Ratio	Lower Upper
97 100	
99 61.8	43.1 80.1
83 81.5	57.9 107.5
85 52.9	38.0 70.6



#47
Tetrachloroethene
Concen: 4.359 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

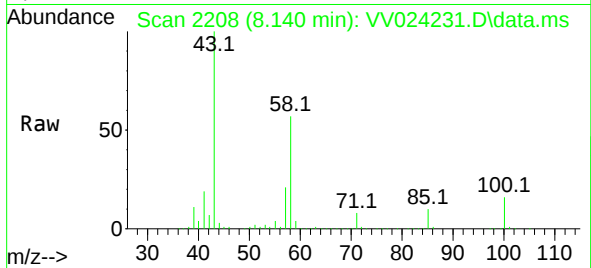
Tgt	Ion:164	Resp:	60512
Ion	Ratio	Lower	Upper
164	100		
129	88.6	62.6	116.2
131	84.9	61.0	113.4
166	129.4	87.3	162.1



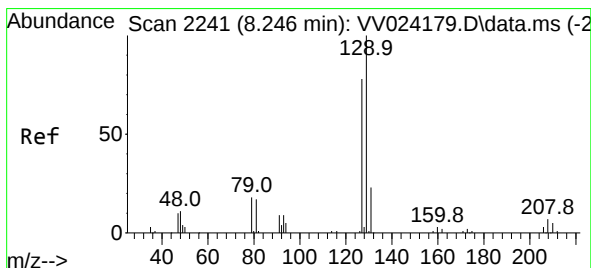
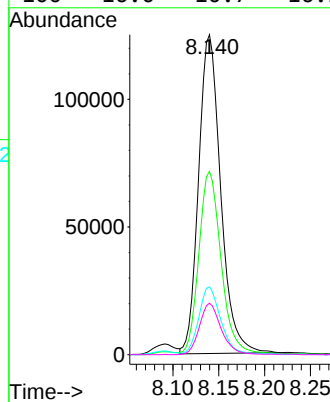
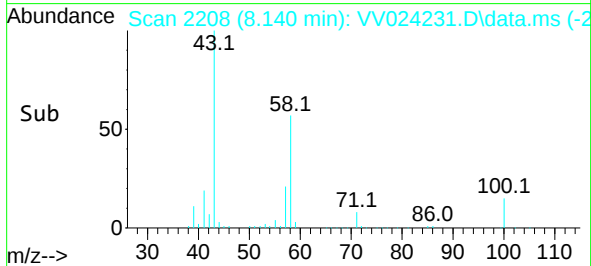


#48
2-Hexanone
Concen: 46.962 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

Instrument :
MSVOA_V
ClientSampleId :

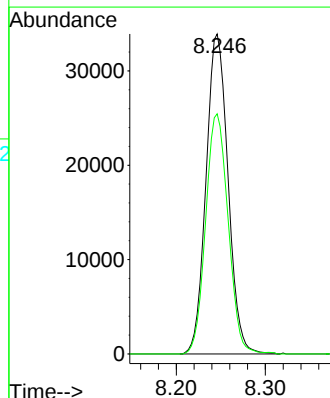
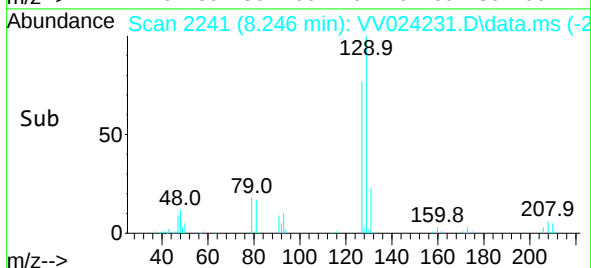
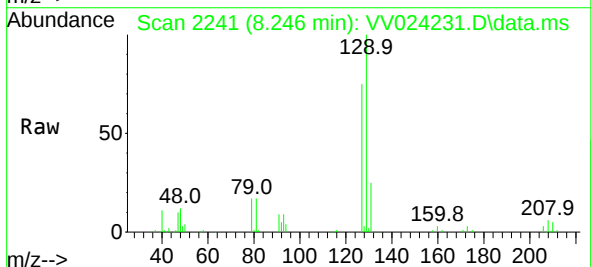


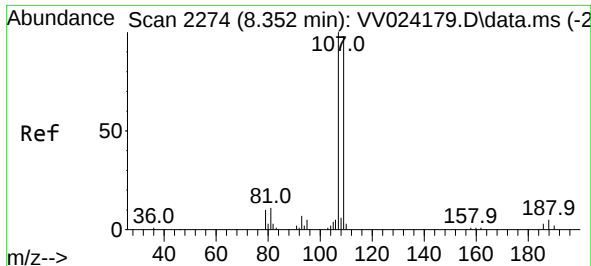
Tgt Ion: 43 Resp: 209457
Ion Ratio Lower Upper
43 100
58 56.9 44.5 66.7
57 21.3 15.1 22.7
100 16.0 10.7 16.1



#49
Dibromochloromethane
Concen: 4.576 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

Tgt Ion: 129 Resp: 58178
Ion Ratio Lower Upper
129 100
127 75.1 53.5 99.3





#50

1,2-Dibromoethane

Concen: 4.748 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024231.D

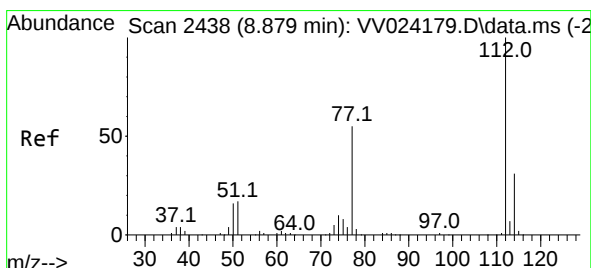
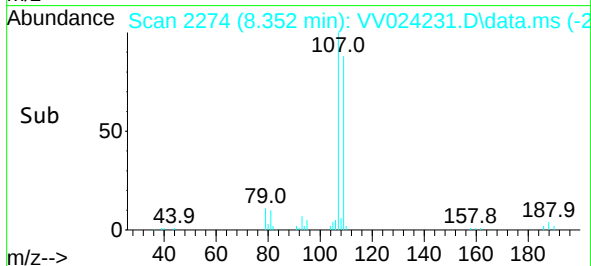
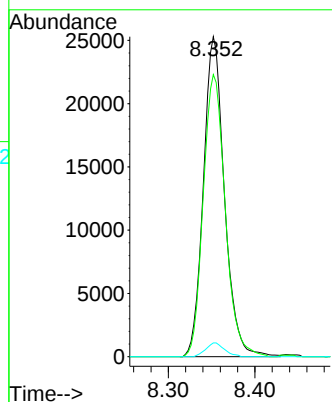
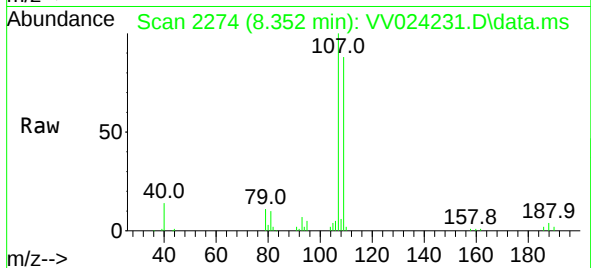
Acq: 28 Dec 2021 20:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	42651
Ion Ratio	Lower	Upper
107	100	
109	88.2	62.5 116.1
188	4.3	3.4 5.2



#51

Chlorobenzene

Concen: 4.515 ug/L

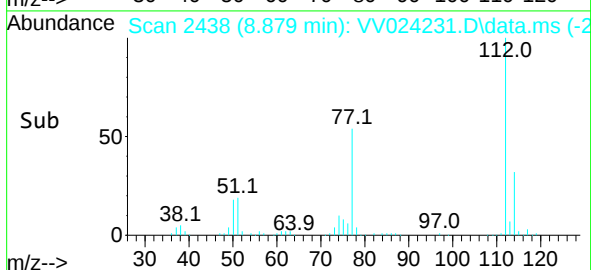
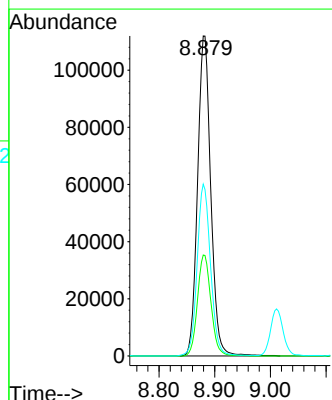
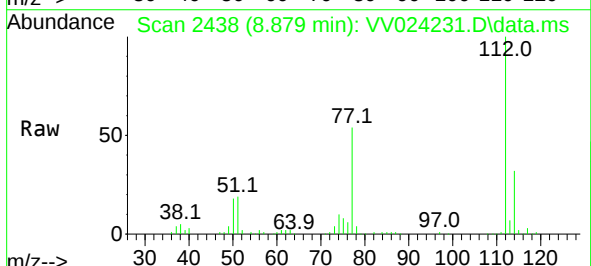
RT: 8.879 min Scan# 2438

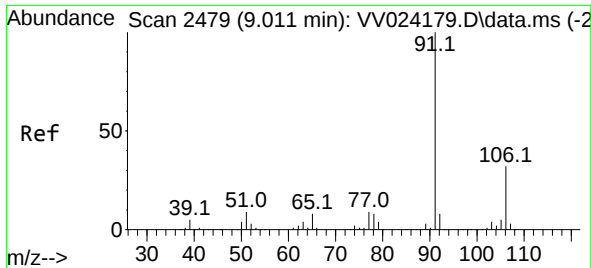
Delta R.T. -0.000 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

Tgt Ion:112	Resp:	184611
Ion Ratio	Lower	Upper
112	100	
114	31.6	23.3 43.3
77	53.7	43.3 64.9





#52

Ethylbenzene

Concen: 4.440 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

Instrument :

MSVOA_V

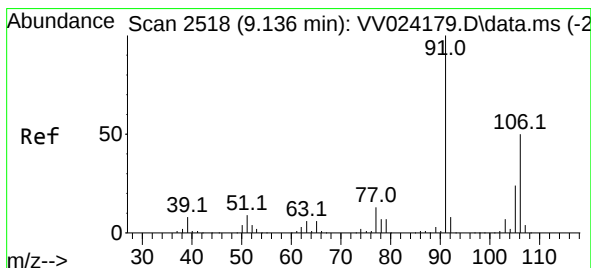
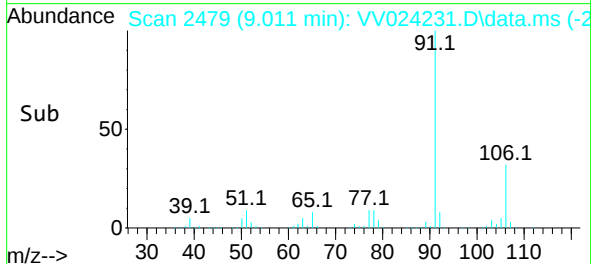
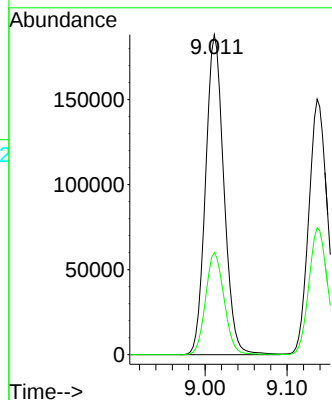
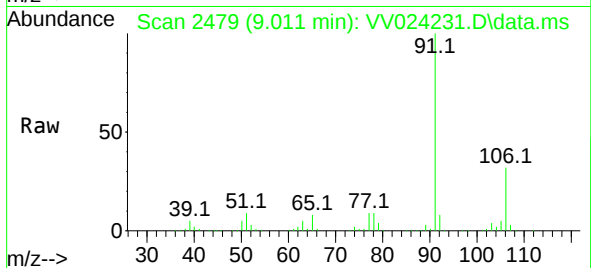
ClientSampleId :

Tgt Ion: 91 Resp: 291306

Ion Ratio Lower Upper

91 100

106 31.9 22.0 41.0



#53

m,p-xylene

Concen: 4.604 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024231.D

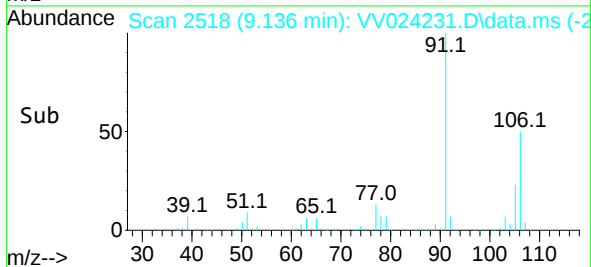
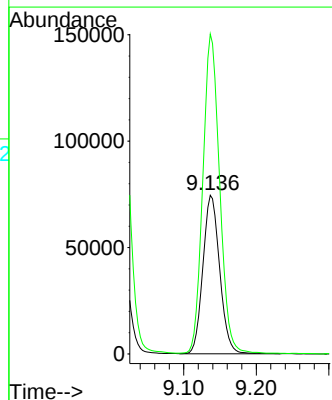
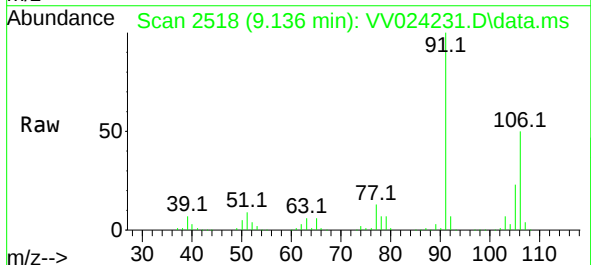
Acq: 28 Dec 2021 20:22

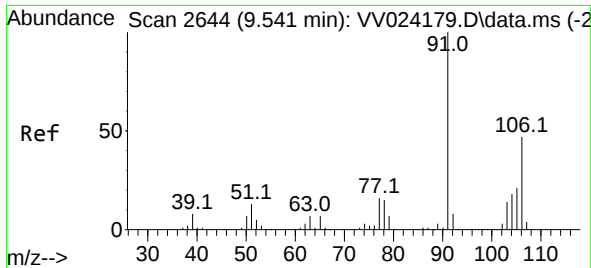
Tgt Ion:106 Resp: 119824

Ion Ratio Lower Upper

106 100

91 201.5 139.5 259.1

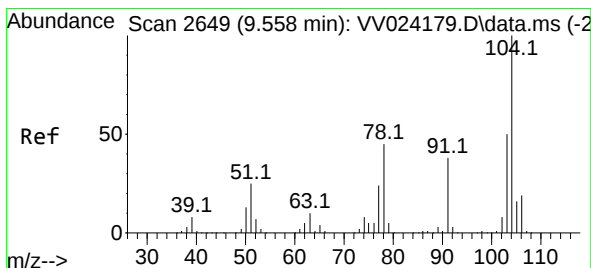
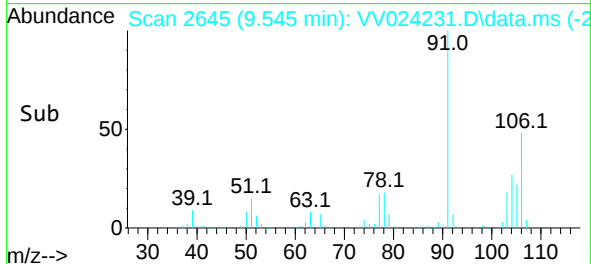
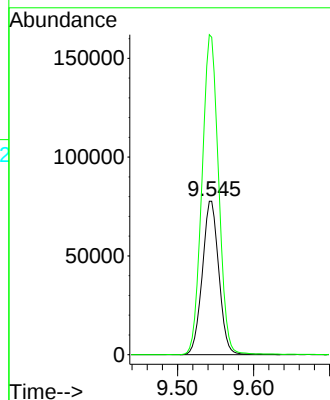
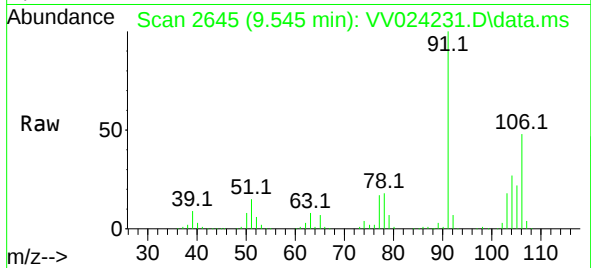




#54
o-xylene
Concen: 4.698 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

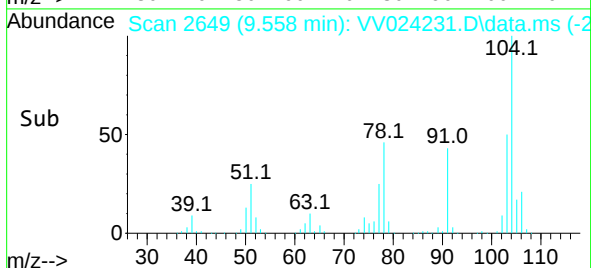
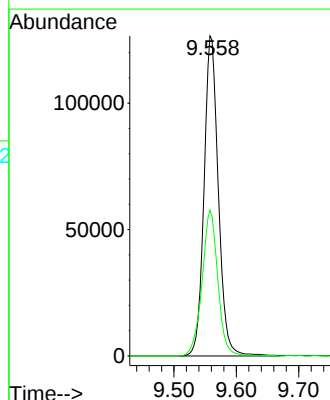
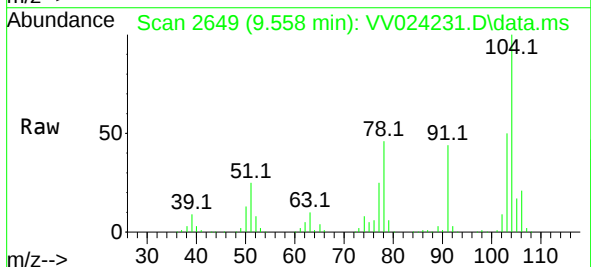
Instrument :
MSVOA_V
ClientSampleId :

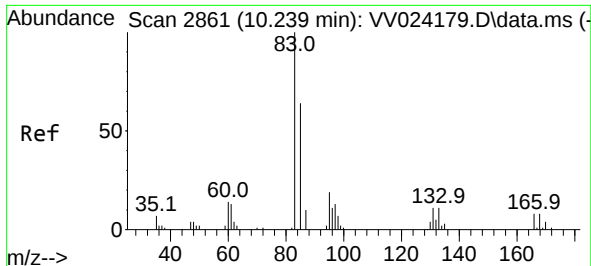
Tgt Ion:106 Resp: 117076
Ion Ratio Lower Upper
106 100
91 206.8 147.9 274.7



#55
Styrene
Concen: 4.811 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

Tgt Ion:104 Resp: 201997
Ion Ratio Lower Upper
104 100
78 45.5 31.0 57.6

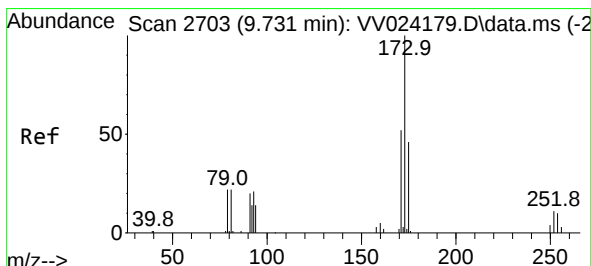
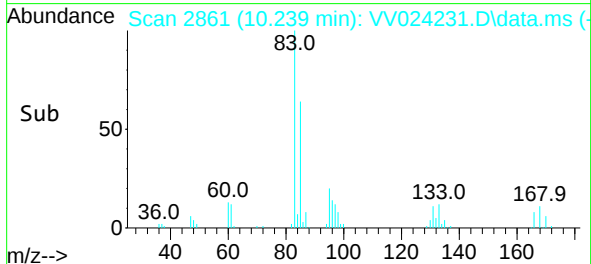
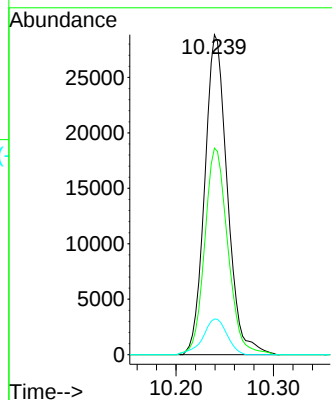
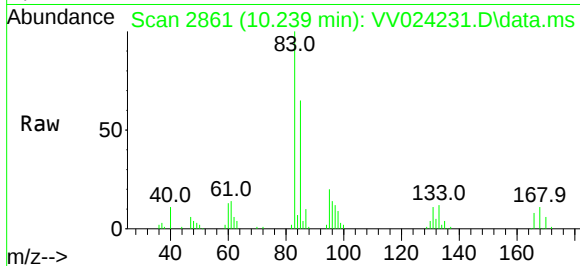




#57
1,1,2,2-Tetrachloroethane
Concen: 5.065 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

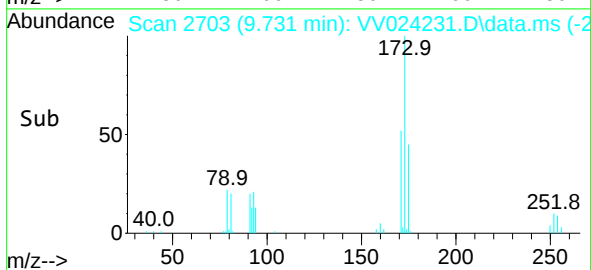
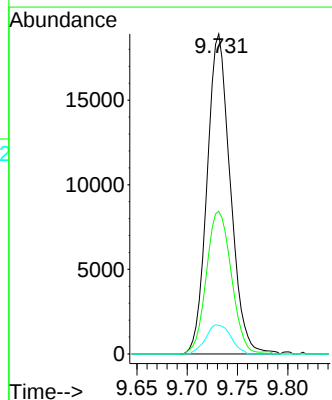
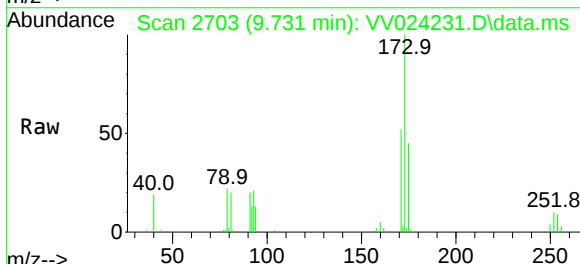
Instrument :
MSVOA_V
ClientSampleId :

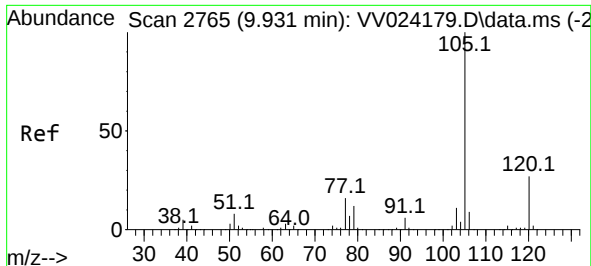
Tgt Ion: 83 Resp: 46403
Ion Ratio Lower Upper
83 100
85 64.6 44.6 82.8
131 11.2 8.3 12.5



#59
Bromoform
Concen: 4.186 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

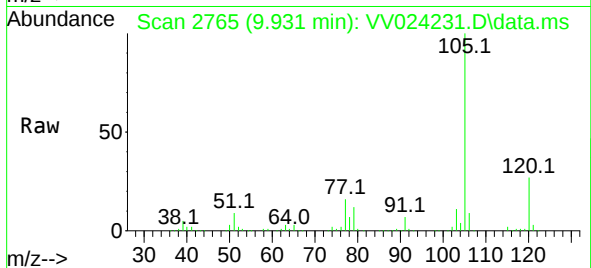
Tgt Ion: 173 Resp: 30319
Ion Ratio Lower Upper
173 100
175 48.0 39.4 59.2
254 9.9 7.4 11.0



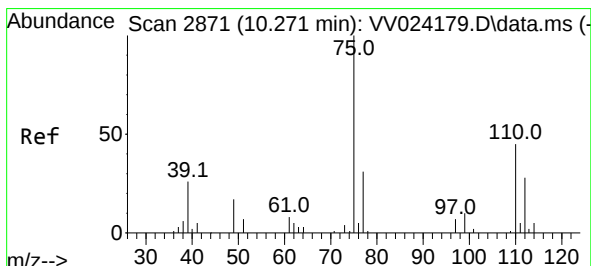
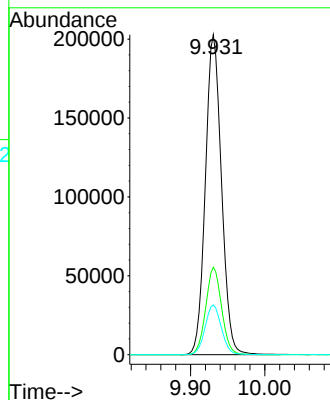
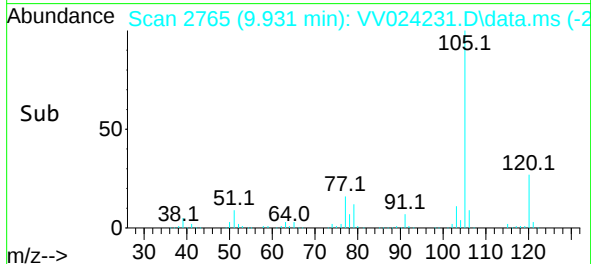


#60
Isopropylbenzene
Concen: 4.287 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

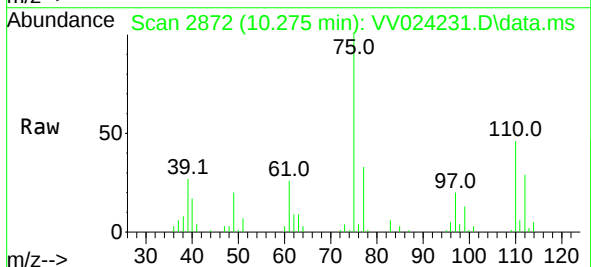
Instrument :
MSVOA_V
ClientSampleId :



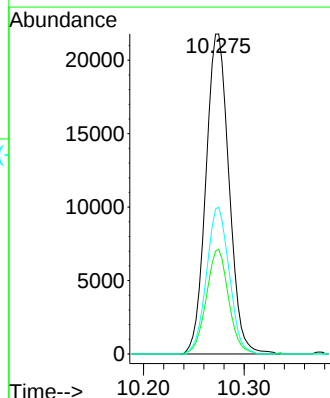
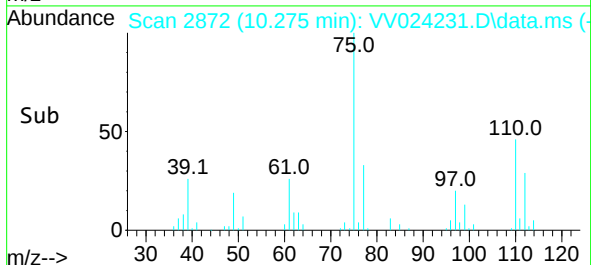
Tgt Ion:105 Resp: 304569
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.0
77 15.8 12.2 18.4

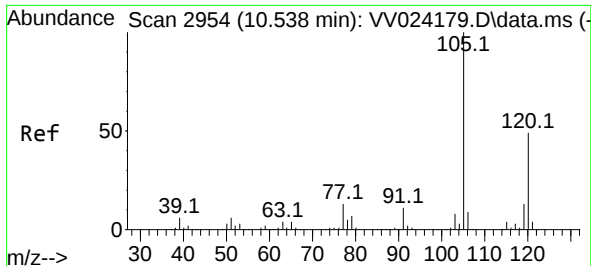


#61
1,2,3-Trichloropropane
Concen: 4.374 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22



Tgt Ion: 75 Resp: 34778
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
110 45.0 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 4.330 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

Instrument :

MSVOA_V

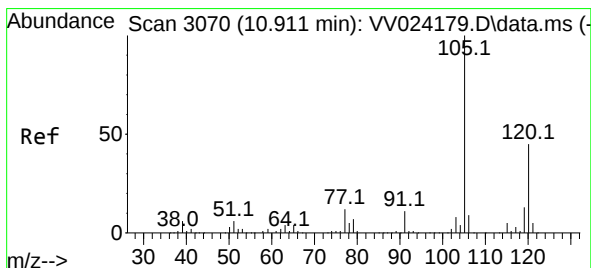
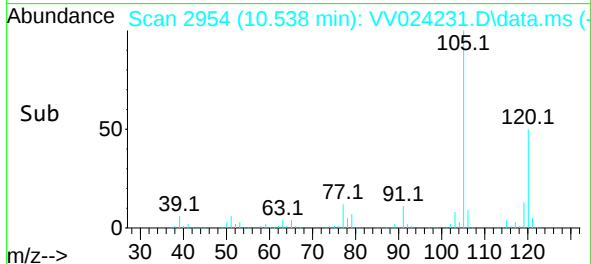
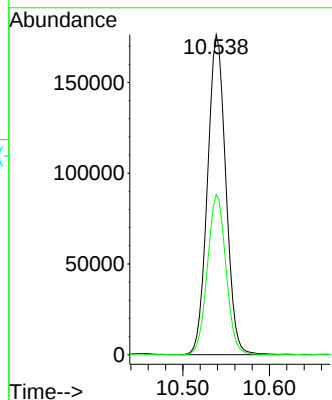
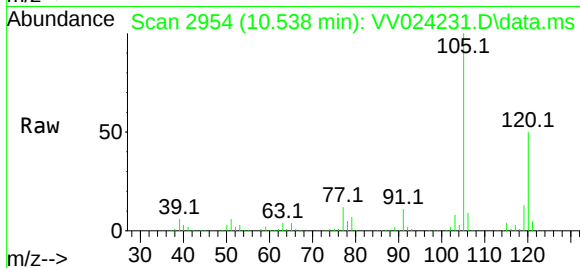
ClientSampleId :

Tgt Ion:105 Resp: 259363

Ion Ratio Lower Upper

105 100

120 50.5 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.414 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV024231.D

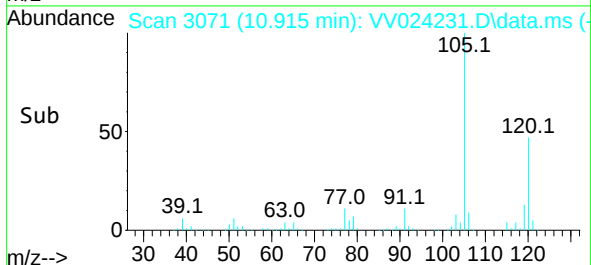
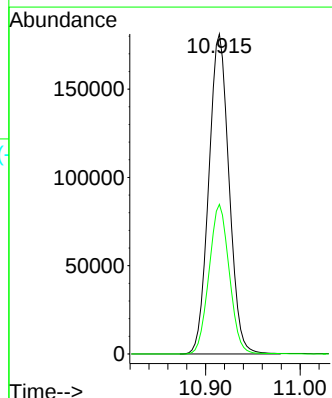
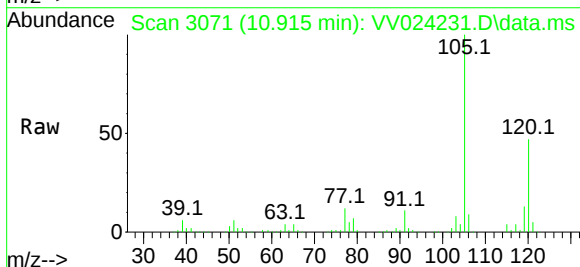
Acq: 28 Dec 2021 20:22

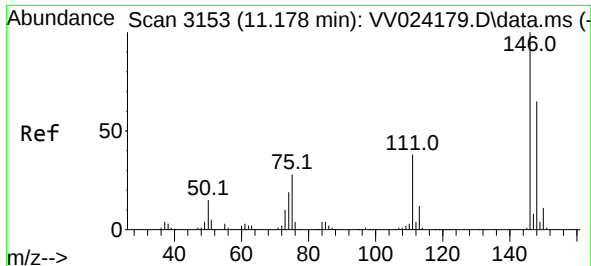
Tgt Ion:105 Resp: 269500

Ion Ratio Lower Upper

105 100

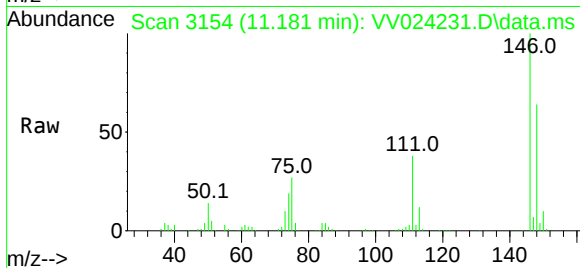
120 46.8 36.7 55.1



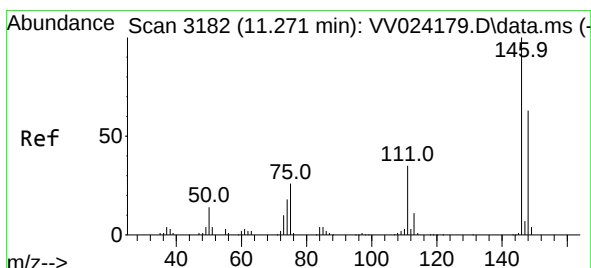
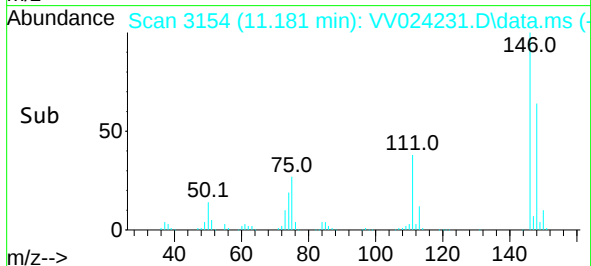
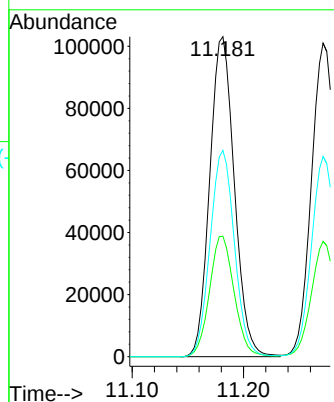


#64
1,3-Dichlorobenzene
Concen: 4.297 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

Instrument :
MSVOA_V
ClientSampleId :

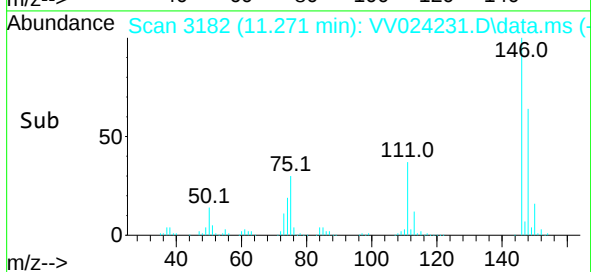
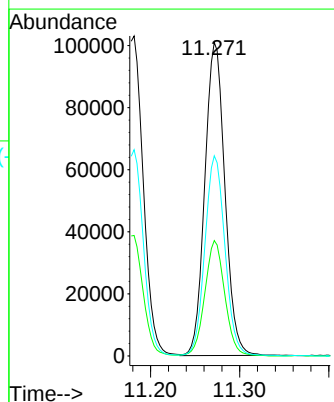
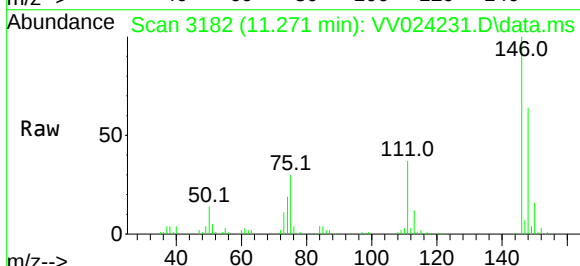


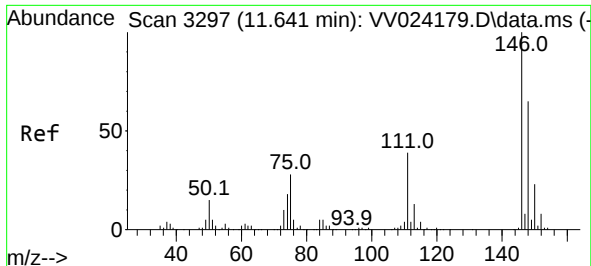
Tgt Ion:146 Resp: 158194
Ion Ratio Lower Upper
146 100
111 37.7 26.3 48.9
148 64.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 4.322 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

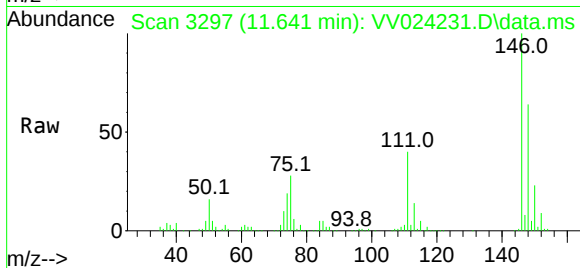
Tgt Ion:146 Resp: 157685
Ion Ratio Lower Upper
146 100
111 36.8 25.6 47.6
148 63.8 44.8 83.2



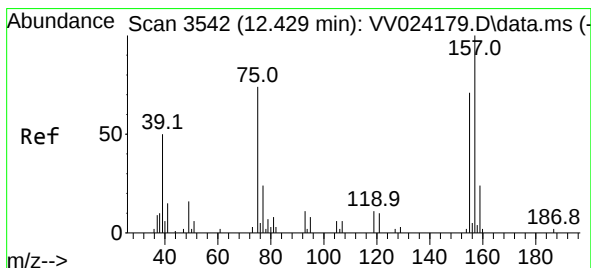
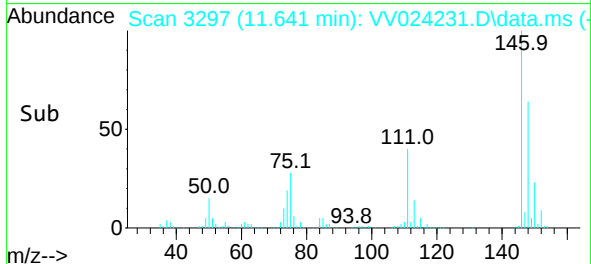
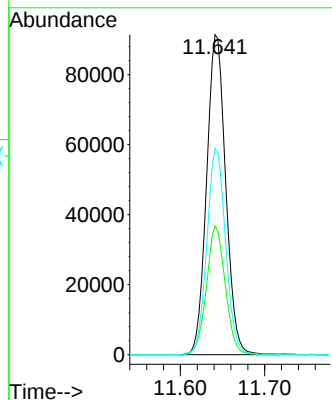


#67
1,2-Dichlorobenzene
Concen: 4.323 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

Instrument :
MSVOA_V
ClientSampleId :

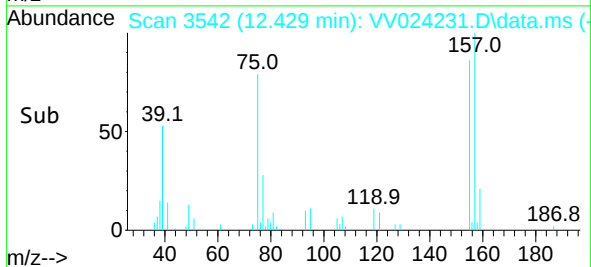
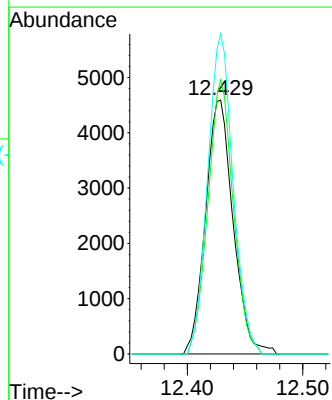
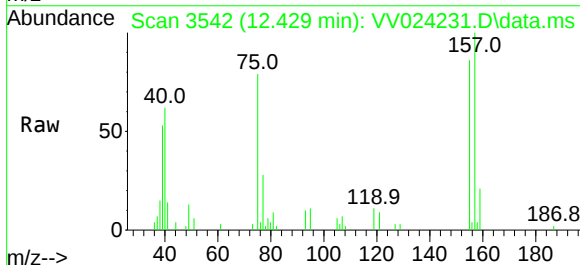


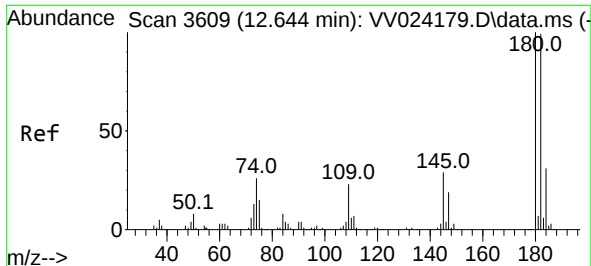
Tgt Ion:146 Resp: 144041
Ion Ratio Lower Upper
146 100
111 40.3 31.9 47.9
148 64.4 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.445 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV024231.D
Acq: 28 Dec 2021 20:22

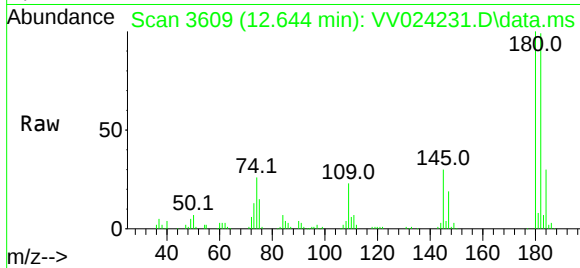
Tgt Ion: 75 Resp: 7623
Ion Ratio Lower Upper
75 100
155 107.9 71.7 107.5#
157 126.0 103.3 154.9



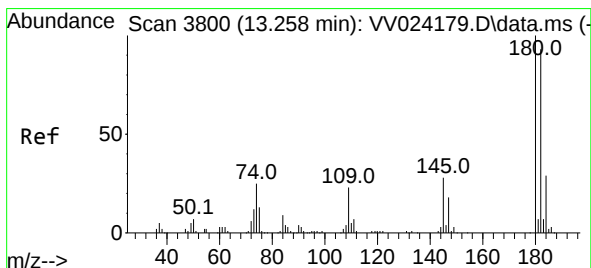
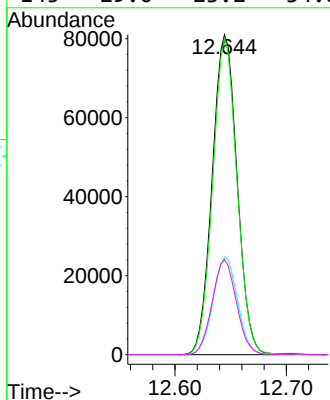
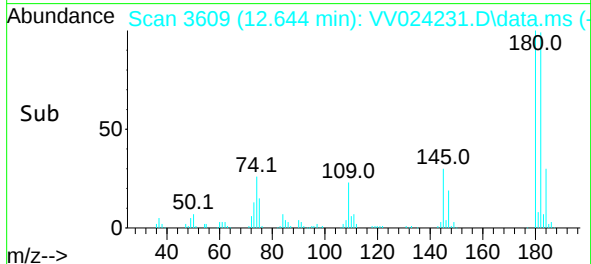


#69
 1,3,5-Trichlorobenzene
 Concen: 4.285 ug/L
 RT: 12.644 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VV024231.D
 Acq: 28 Dec 2021 20:22

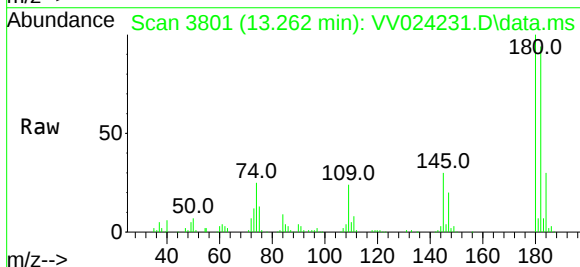
Instrument :
 MSVOA_V
 ClientSampleId :



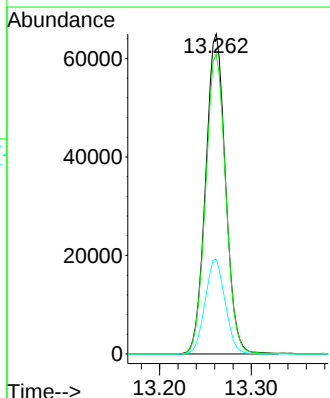
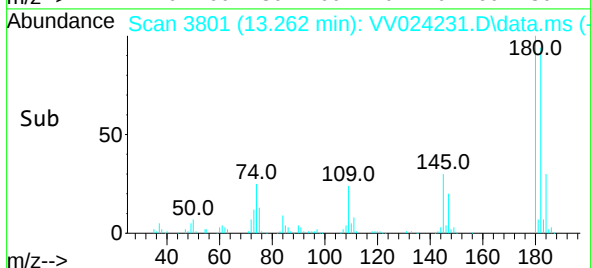
Tgt Ion:180 Resp: 125600
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.4 114.6
 184 30.1 24.2 36.4
 145 29.0 23.2 34.8

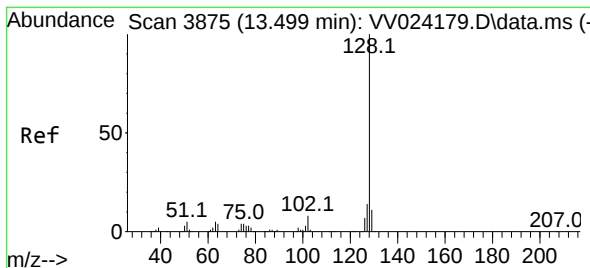


#70
 1,2,4-trichlorobenzene
 Concen: 4.343 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV024231.D
 Acq: 28 Dec 2021 20:22



Tgt Ion:180 Resp: 98041
 Ion Ratio Lower Upper
 180 100
 182 94.8 74.4 111.6
 145 29.7 23.3 34.9





#71

Naphthalene

Concen: 4.384 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.003 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

Instrument :

MSVOA_V

ClientSampleId :

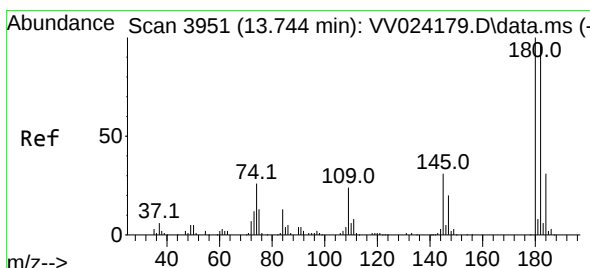
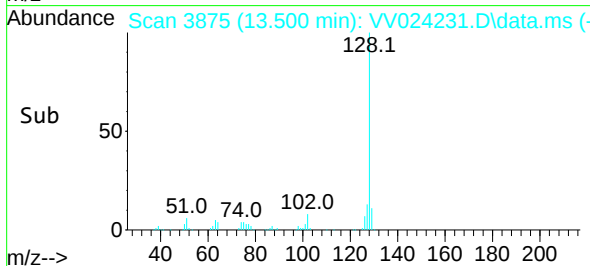
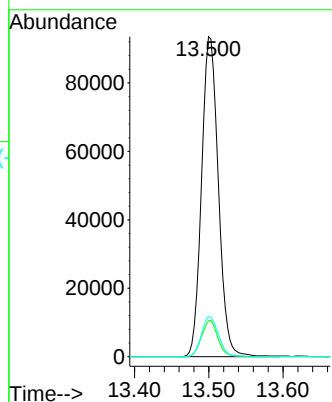
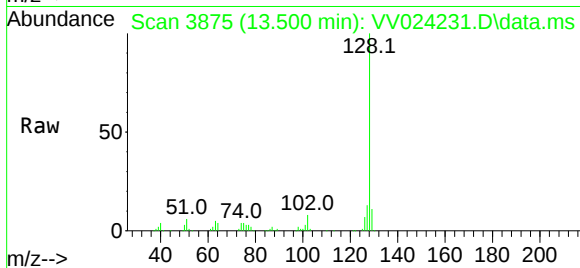
Tgt Ion:128 Resp: 146940

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 12.6 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.524 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV024231.D

Acq: 28 Dec 2021 20:22

Tgt Ion:180 Resp: 89814

Ion Ratio Lower Upper

180 100

182 95.5 76.8 115.2

145 30.9 25.8 38.6

