

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021522\
 Data File : VW024666.D
 Acq On : 15 Feb 2022 12:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 16 03:26:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 15 06:26:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	134798	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	132556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69566	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48802	4.319	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.571	69	42586	4.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.111	63	106596	4.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.902	46	74857	39.908	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.820%
24) Chloroform-d	4.346	84	100041	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.030	65	46004	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.047	84	194068	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.066	67	58003	4.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.313	98	175761	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	7.622	79	20784	4.400	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.088	63	87089	52.327	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.660%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36550	5.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	57588	5.135	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	82404	4.652	ug/L	99
3) Chloromethane	1.243	50	83455	4.788	ug/L	97
5) Vinyl chloride	1.314	62	87734	4.674	ug/L	100
6) Bromomethane	1.523	94	53900	4.665	ug/L	98
8) Chloroethane	1.587	64	53872	4.686	ug/L	99
9) Trichlorofluoromethane	1.754	101	114687	4.521	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	60891	4.306	ug/L	88
12) 1,1-Dichloroethene	2.121	96	64380	4.613	ug/L	96
13) Acetone	2.195	43	39103	26.416	ug/L	64
14) Carbon disulfide	2.297	76	195595	4.409	ug/L	99
15) Methyl Acetate	2.442	43	14225	3.360	ug/L	99
16) Methylene chloride	2.506	84	63885	4.620	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	133700	4.649	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	64915	4.734	ug/L	95
19) 1,1-Dichloroethane	3.188	63	117599	4.966	ug/L	98
21) 2-Butanone	3.985	43	79600	32.446	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	69602	5.035	ug/L	95
23) Bromochloromethane	4.249	128	27713	5.279	ug/L	93
25) Chloroform	4.371	83	124345	5.017	ug/L	97

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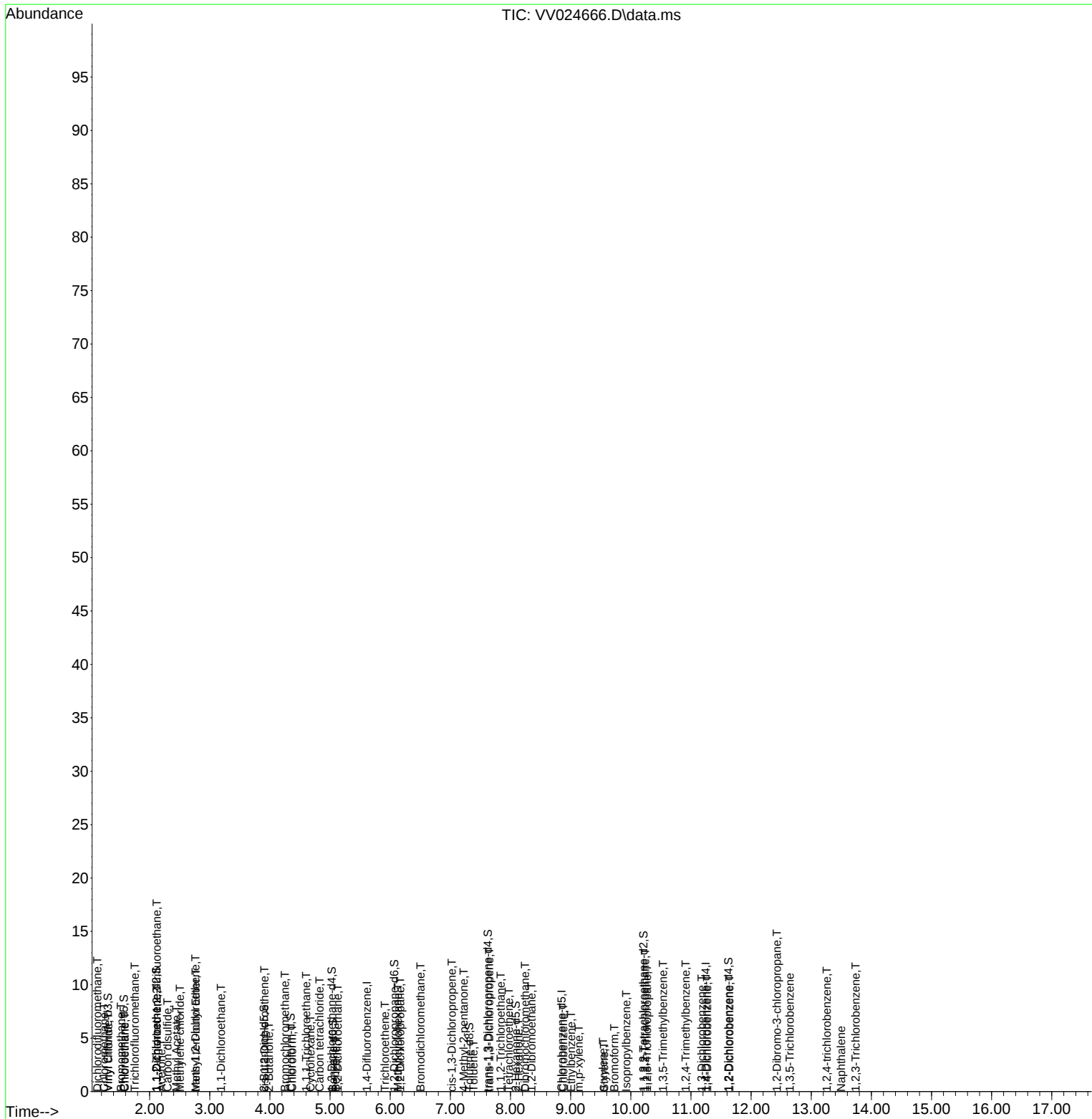
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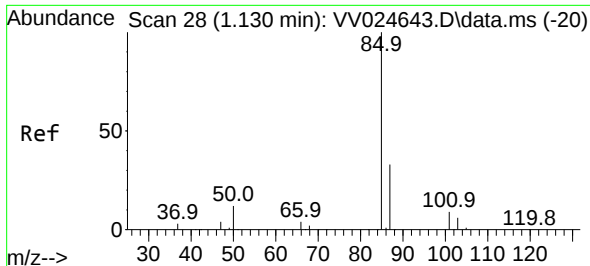
Quant Time: Feb 16 03:26:35 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	68405	5.034	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	109558	5.038	ug/L	97
30) Cyclohexane	4.674	56	100421	4.483	ug/L	98
31) Carbon tetrachloride	4.825	117	90072	4.891	ug/L	100
33) Benzene	5.095	78	266721	5.156	ug/L	100
34) Trichloroethene	5.911	95	71246	5.001	ug/L	90
35) Methylcyclohexane	6.127	83	103515	4.392	ug/L	97
37) 1,2-Dichloropropane	6.169	63	63349	5.052	ug/L	98
38) Bromodichloromethane	6.506	83	84252	5.055	ug/L #	95
39) cis-1,3-Dichloropropene	7.024	75	86964	4.551	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	300785	46.482	ug/L	97
42) Toluene	7.384	91	284283	5.044	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	72675	4.604	ug/L	94
45) 1,1,2-Trichloroethane	7.837	97	43616	5.367	ug/L	95
47) Tetrachloroethene	7.972	164	47552	5.031	ug/L	93
48) 2-Hexanone	8.136	43	224089	50.589	ug/L	97
49) Dibromochloromethane	8.243	129	52366	5.336	ug/L	97
50) 1,2-Dibromoethane	8.349	107	40888	5.361	ug/L #	96
51) Chlorobenzene	8.879	112	176825	5.120	ug/L	96
52) Ethylbenzene	9.008	91	300789	4.797	ug/L	98
53) m,p-xylene	9.136	106	115576	4.866	ug/L	94
54) o-xylene	9.542	106	114479	4.998	ug/L	96
55) Styrene	9.558	104	188722	5.019	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	42438	5.156	ug/L	99
59) Bromoform	9.728	173	23818	5.358	ug/L	95
60) Isopropylbenzene	9.927	105	298154	4.725	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	35256	5.141	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	256691	4.751	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	255464	4.756	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	128621	5.008	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	128135	5.023	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	116557	5.112	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6091	4.572	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.644	180	90112	4.932	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	72043	4.883	ug/L	97
71) Naphthalene	13.500	128	126926	4.749	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	62556	5.041	ug/L	96

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

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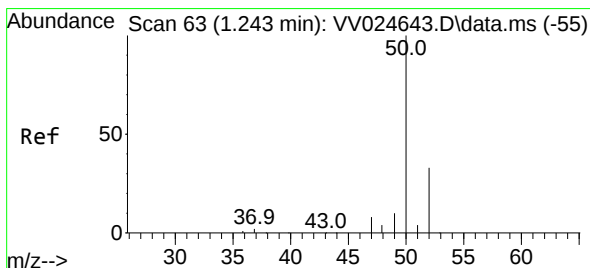
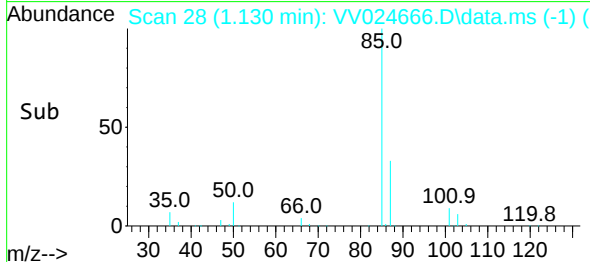
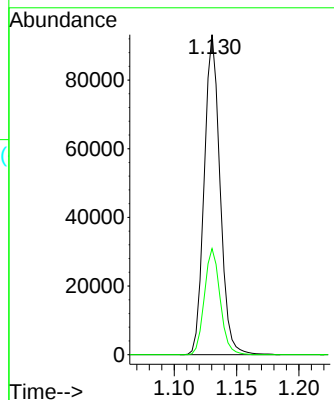
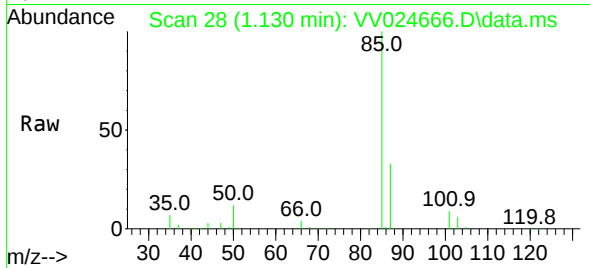




#2
 Dichlorodifluoromethane
 Concen: 4.652 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024666.D
 Acq: 15 Feb 2022 12:36

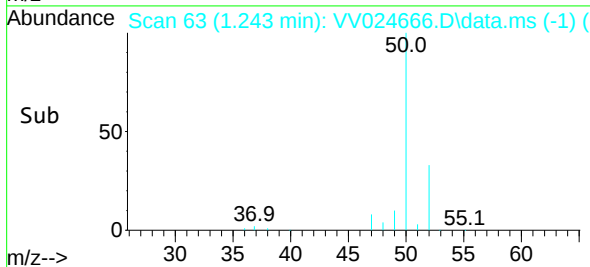
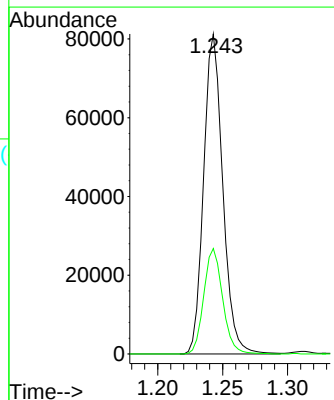
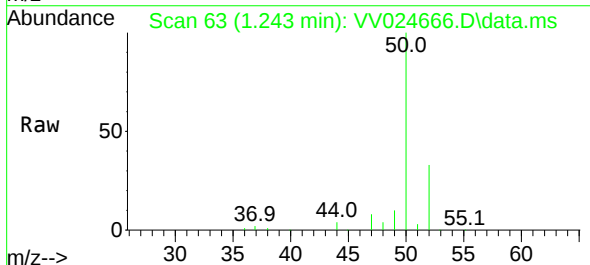
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 ClientSampleId :

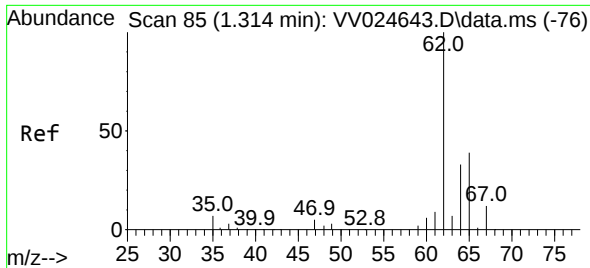
Tgt Ion: 85 Resp: 82404
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.0 39.0



#3
 Chloromethane
 Concen: 4.788 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024666.D
 Acq: 15 Feb 2022 12:36

Tgt Ion: 50 Resp: 83455
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.0 41.0

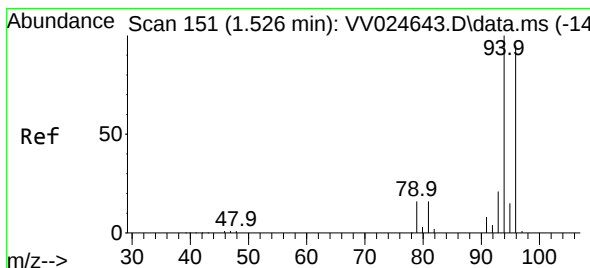
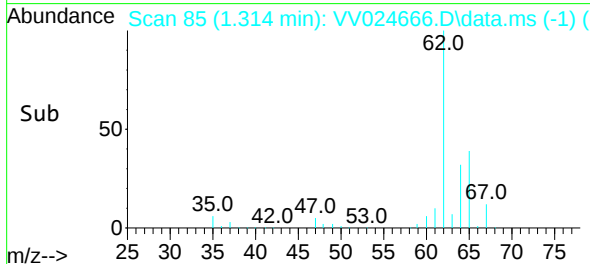
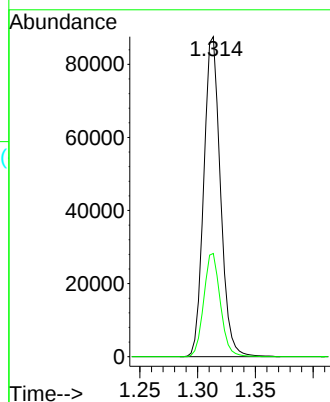
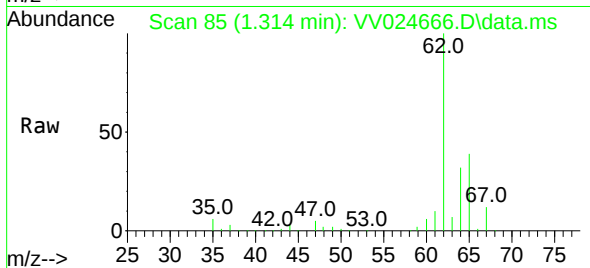




#5
 Vinyl chloride
 Concen: 4.674 ug/L
 RT: 1.314 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV024666.D
 Acq: 15 Feb 2022 12:36

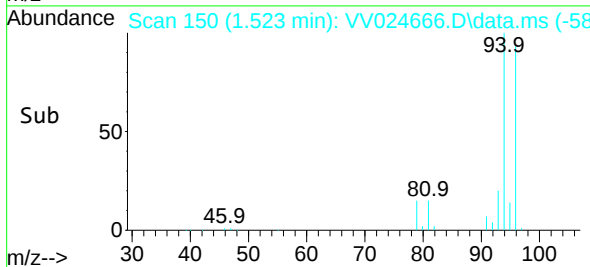
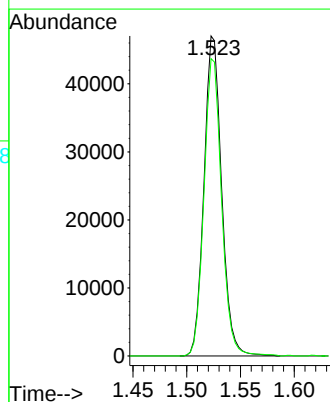
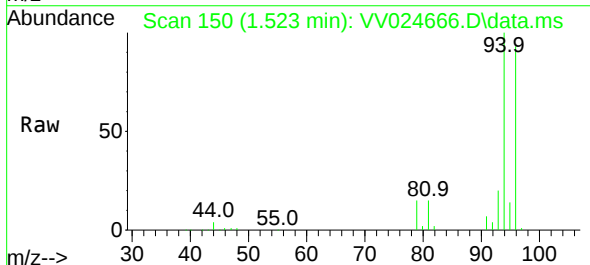
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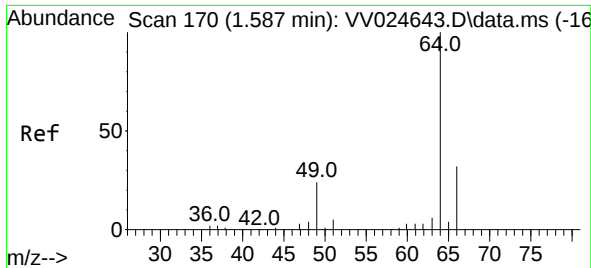
Tgt Ion: 62 Resp: 87734
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.4 41.6



#6
 Bromomethane
 Concen: 4.665 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024666.D
 Acq: 15 Feb 2022 12:36

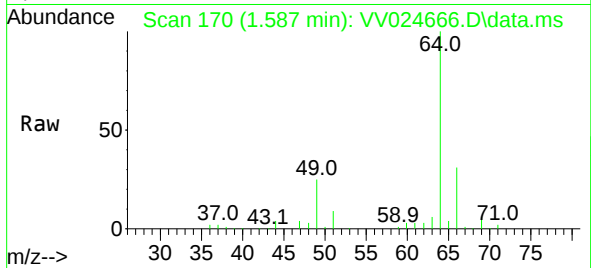
Tgt Ion: 94 Resp: 53900
 Ion Ratio Lower Upper
 94 100
 96 92.9 66.2 123.0



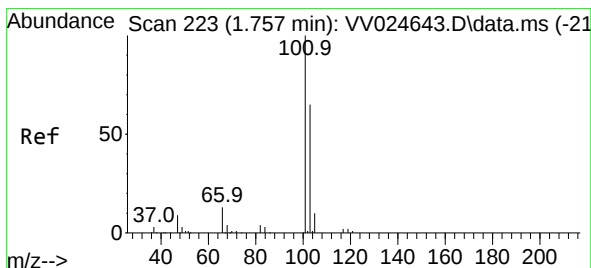
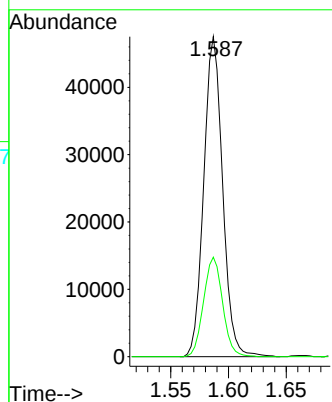
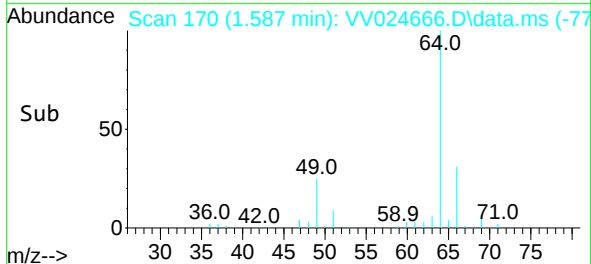


#8
Chloroethane
Concen: 4.686 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

Instrument :
MSVOA_V
ClientSampleId :

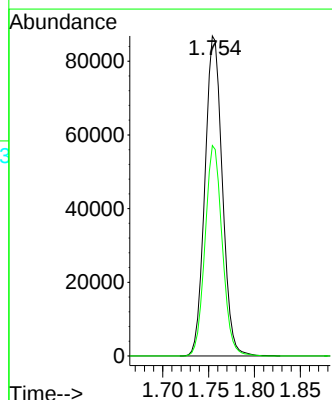
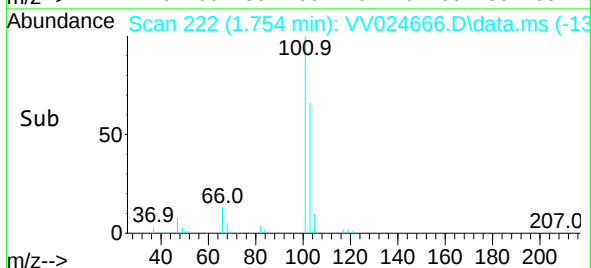
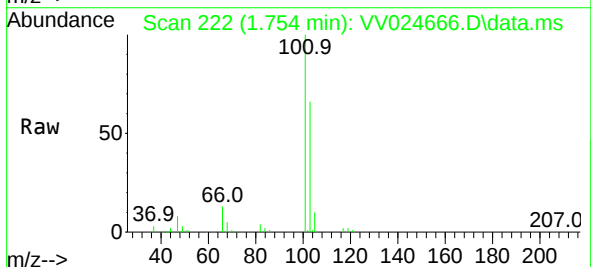


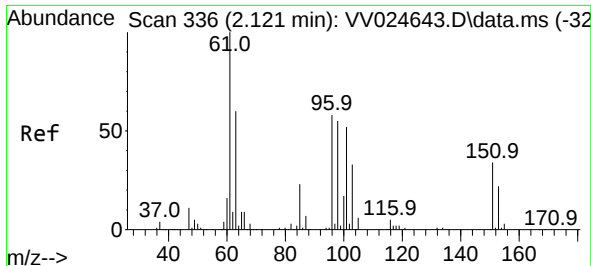
Tgt Ion: 64 Resp: 53872
Ion Ratio Lower Upper
64 100
66 31.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.521 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

Tgt Ion:101 Resp: 114687
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

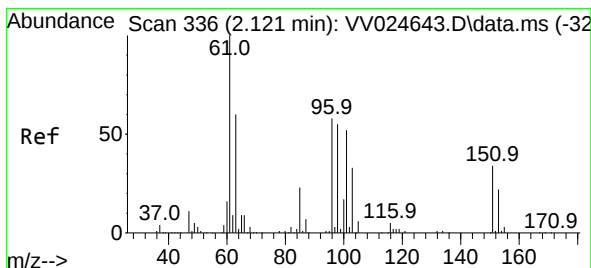
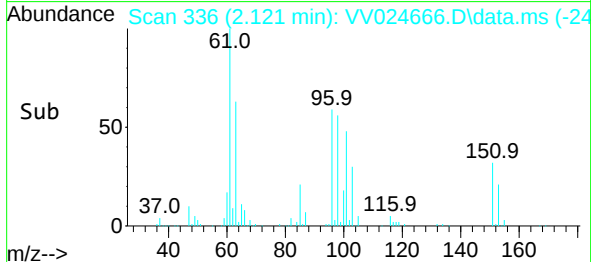
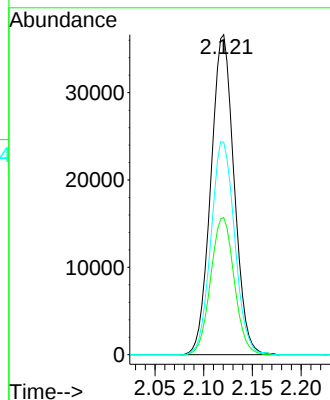
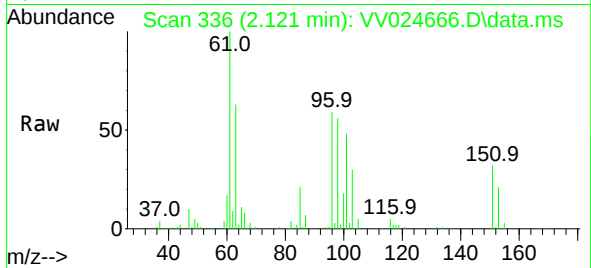




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.306 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024666.D
 Acq: 15 Feb 2022 12:36

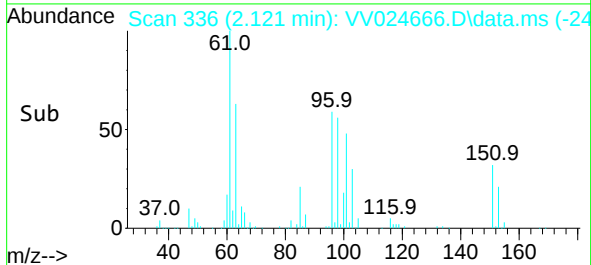
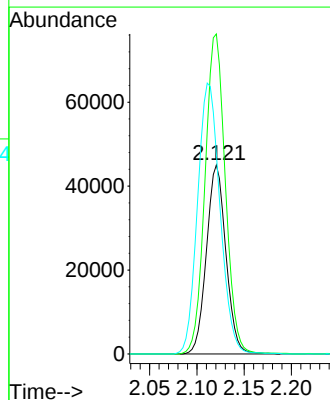
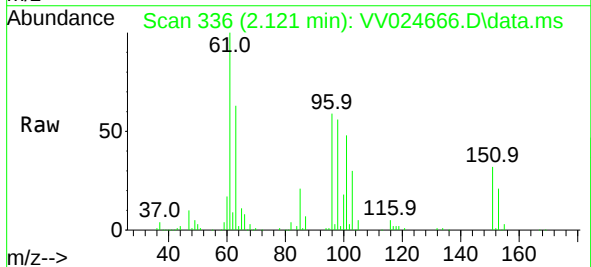
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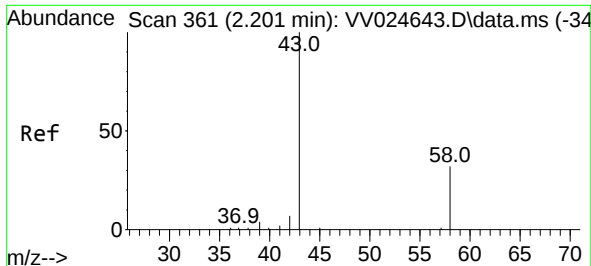
Tgt Ion:101 Resp: 60891
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.0 54.0
 151 67.9 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 4.613 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024666.D
 Acq: 15 Feb 2022 12:36

Tgt Ion: 96 Resp: 64380
 Ion Ratio Lower Upper
 96 100
 61 169.4 116.1 215.5
 63 106.2 79.4 147.4





#13

Acetone

Concen: 26.416 ug/L

RT: 2.195 min Scan# 3

Delta R.T. -0.007 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

Instrument :

MSVOA_V

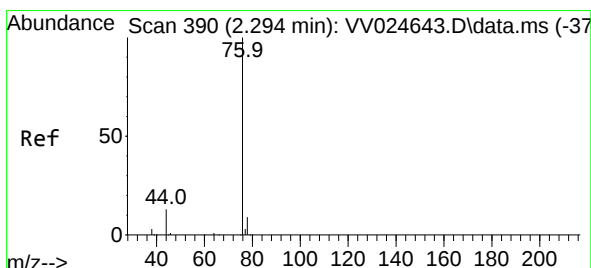
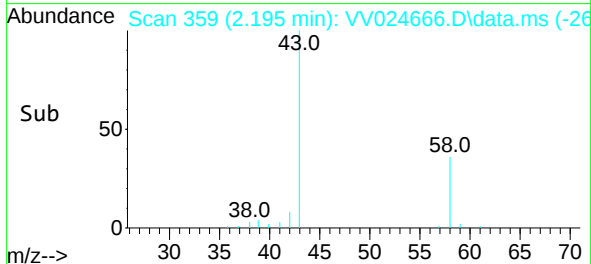
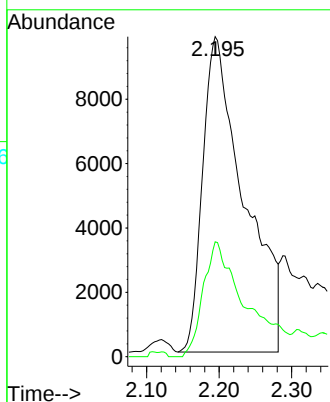
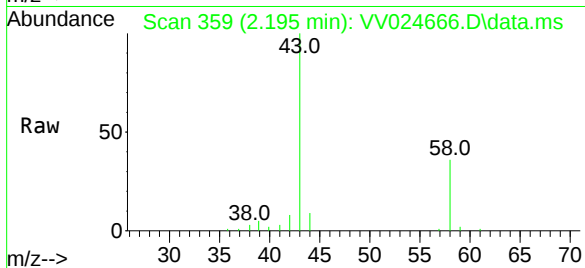
ClientSampleId :

Tgt Ion: 43 Resp: 39103

Ion Ratio Lower Upper

43 100

58 37.5 0.0 41.4



#14

Carbon disulfide

Concen: 4.409 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024666.D

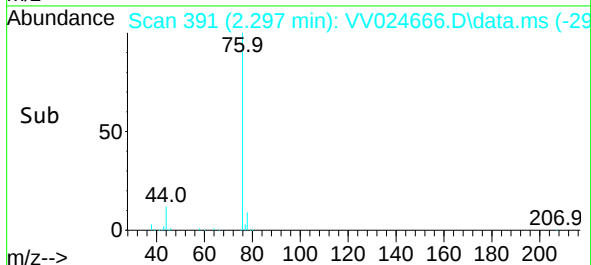
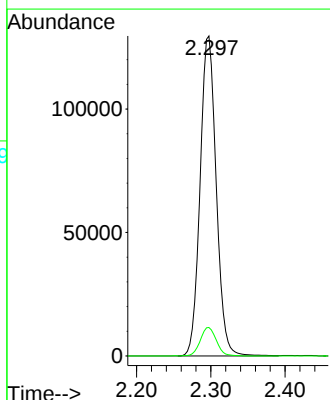
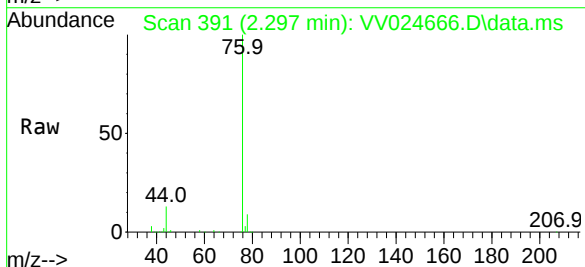
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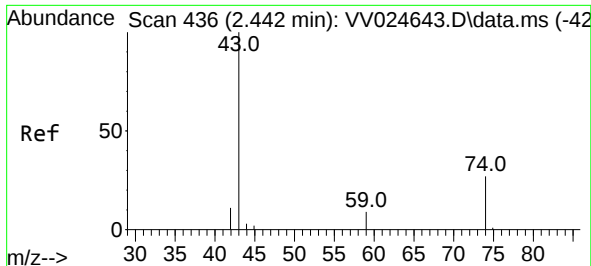
Tgt Ion: 76 Resp: 195595

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

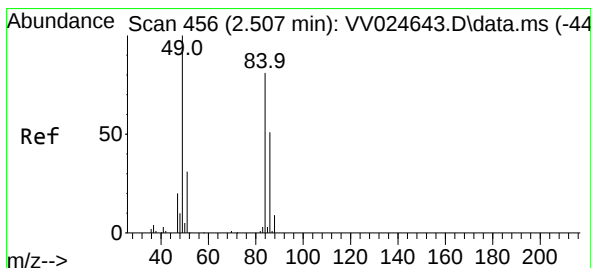
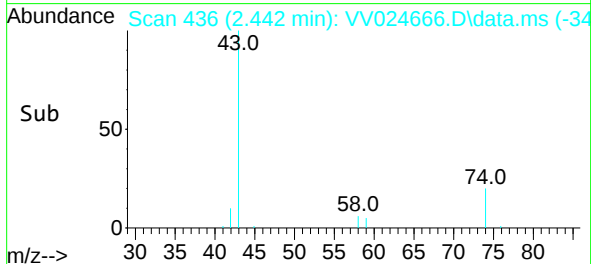
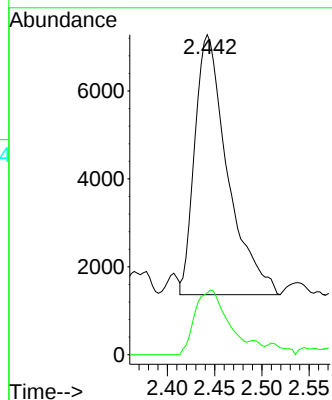
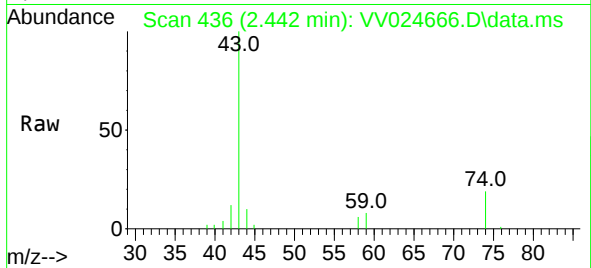




#15
Methyl Acetate
Concen: 3.360 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

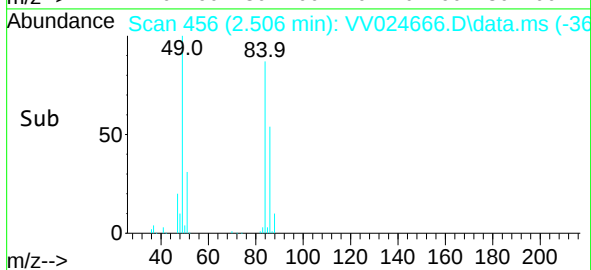
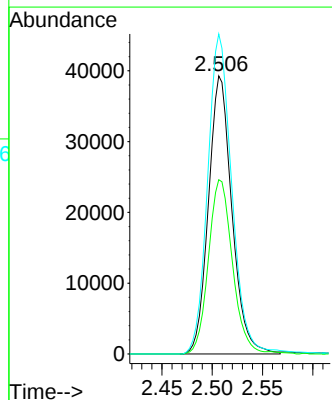
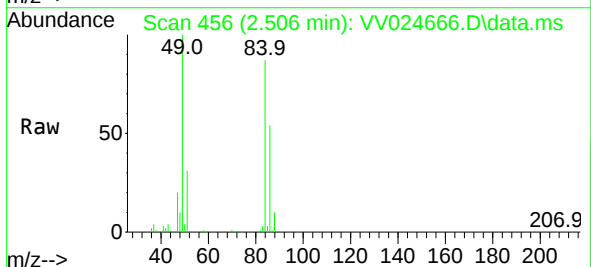
Instrument :
MSVOA_V
ClientSampleId :

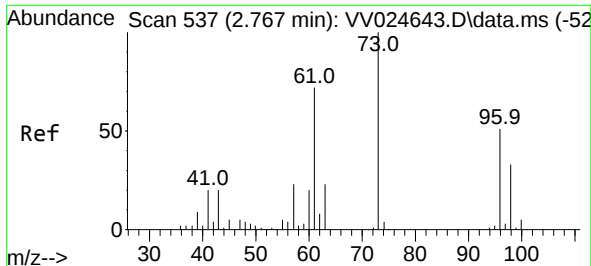
Tgt Ion: 43 Resp: 14225
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.2



#16
Methylene chloride
Concen: 4.620 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

Tgt Ion: 84 Resp: 63885
Ion Ratio Lower Upper
84 100
86 62.7 42.6 79.0
49 115.1 79.7 147.9

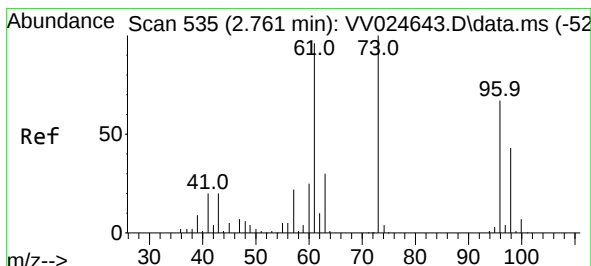
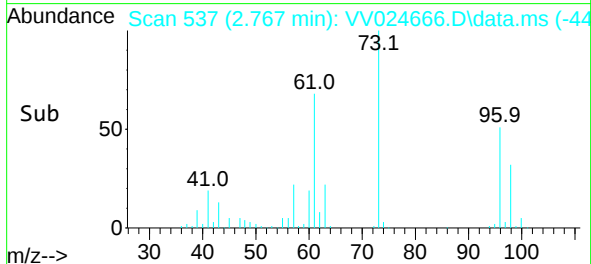
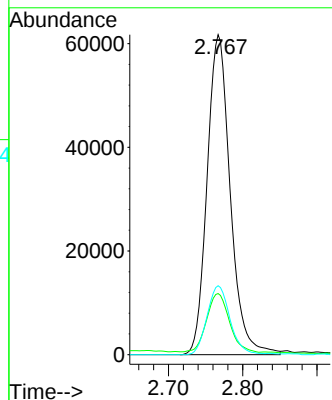
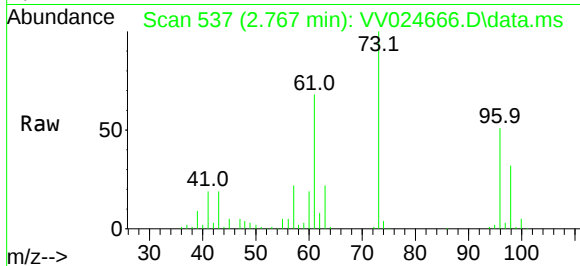




#17
Methyl tert-butyl Ether
Concen: 4.649 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

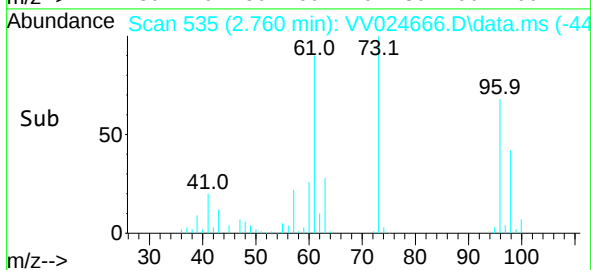
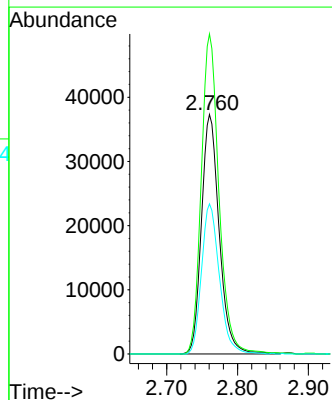
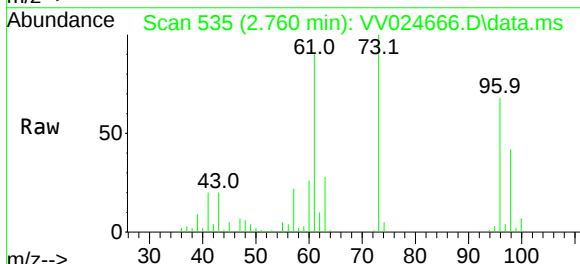
Instrument :
MSVOA_V
ClientSampleId :

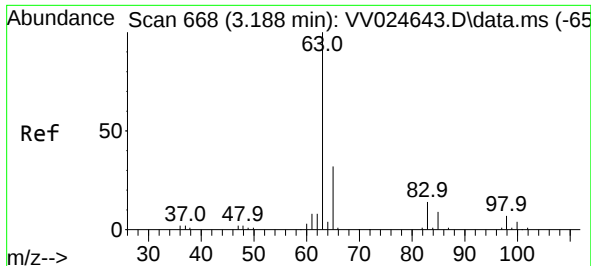
Tgt Ion: 73 Resp: 133700
Ion Ratio Lower Upper
73 100
43 17.9 15.5 23.3
57 21.3 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.734 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

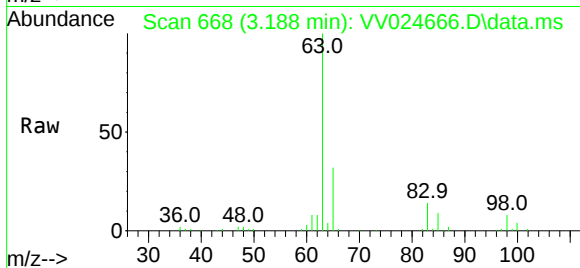
Tgt Ion: 96 Resp: 64915
Ion Ratio Lower Upper
96 100
61 133.6 88.2 163.8
98 62.6 44.9 83.5



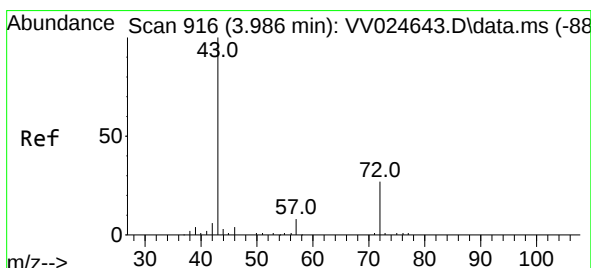
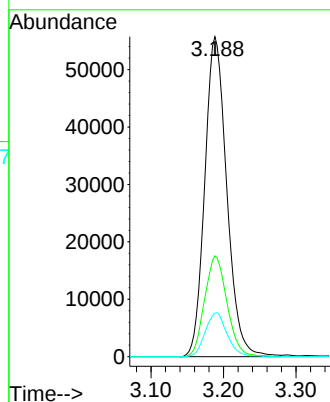
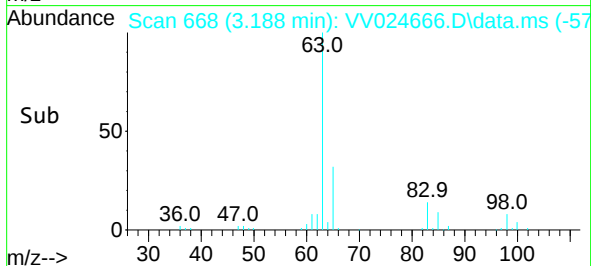


#19
1,1-Dichloroethane
Concen: 4.966 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

Instrument :
MSVOA_V
ClientSampleId :

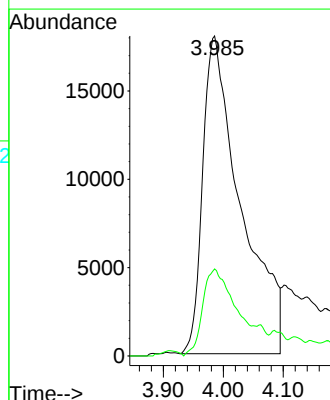
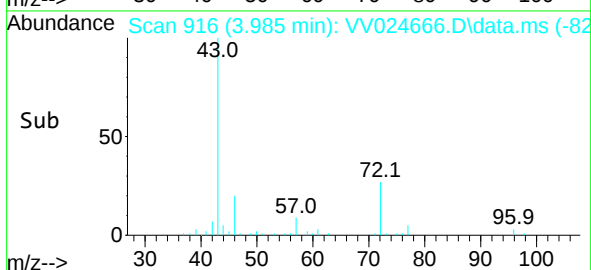
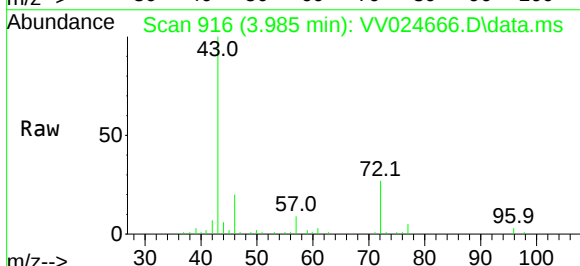


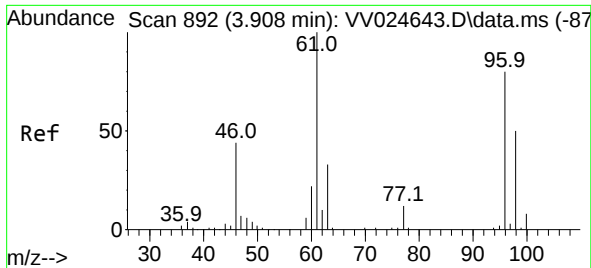
Tgt Ion: 63 Resp: 117599
Ion Ratio Lower Upper
63 100
65 31.5 22.3 41.3
83 13.6 10.7 19.9



#21
2-Butanone
Concen: 32.446 ug/L
RT: 3.985 min Scan# 916
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

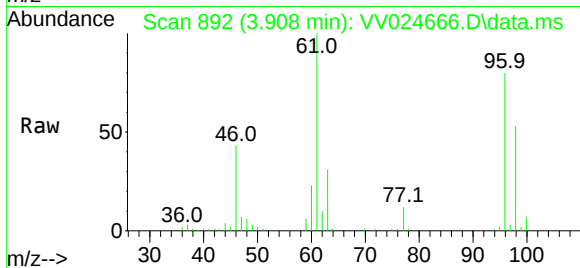
Tgt Ion: 43 Resp: 79600
Ion Ratio Lower Upper
43 100
72 24.4 11.1 33.1





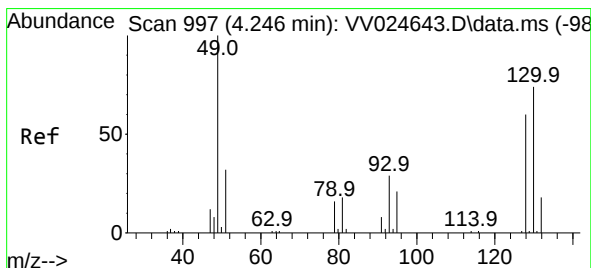
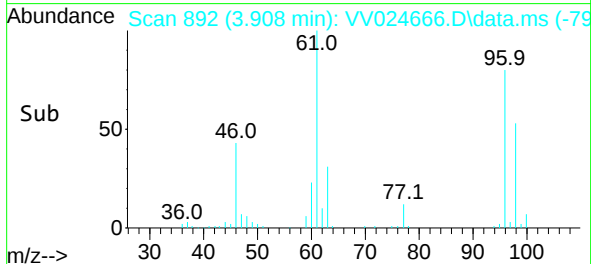
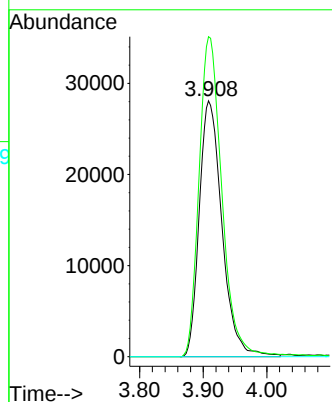
#22
 cis-1,2-Dichloroethene
 Concen: 5.035 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV024666.D
 Acq: 15 Feb 2022 12:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 69602

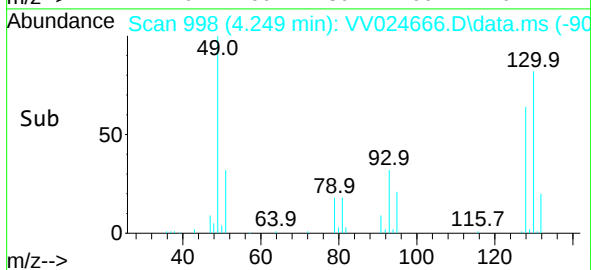
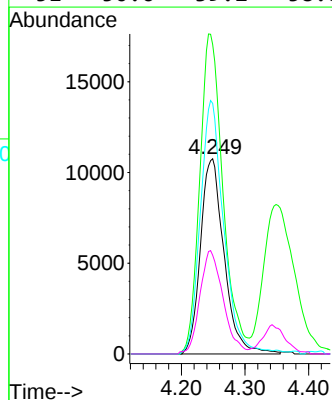
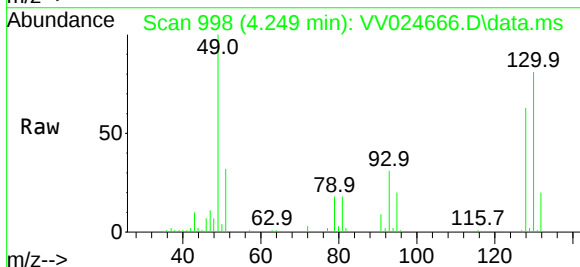
Ion	Ratio	Lower	Upper
96	100		
61	125.1	83.4	154.8
68	0.0	0.0	0.0

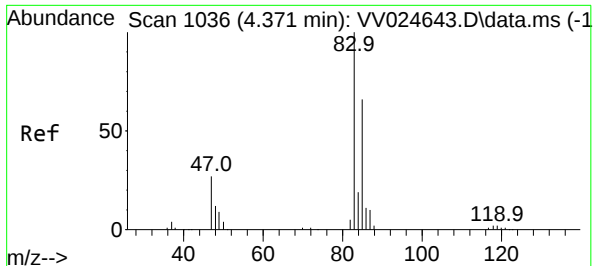


#23
 Bromochloromethane
 Concen: 5.279 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV024666.D
 Acq: 15 Feb 2022 12:36

Tgt Ion: 128 Resp: 27713

Ion	Ratio	Lower	Upper
128	100		
49	158.5	100.2	186.2
130	128.3	92.5	171.7
51	50.6	39.2	58.8





#25

Chloroform

Concen: 5.017 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

Instrument :

MSVOA_V

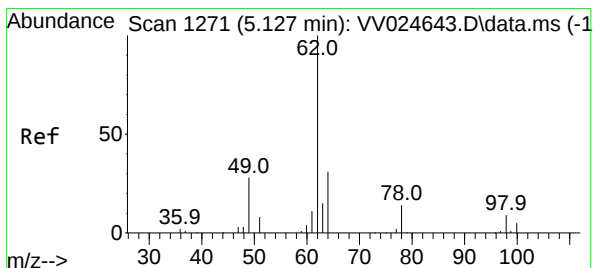
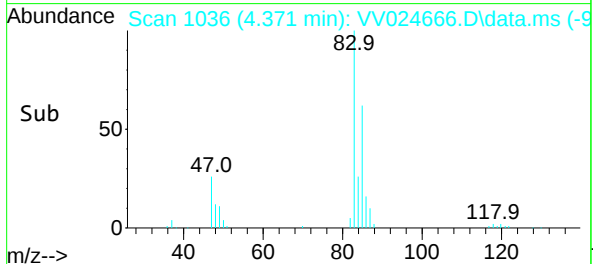
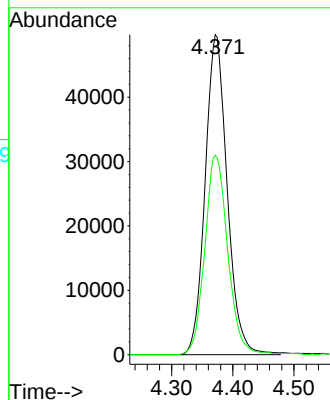
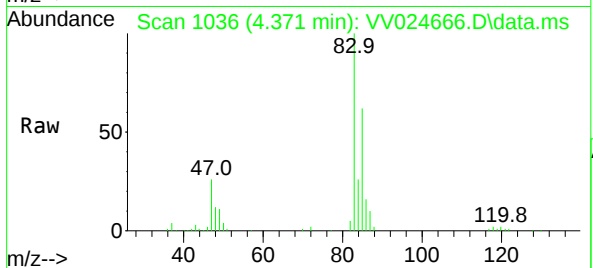
ClientSampleId :

Tgt Ion: 83 Resp: 124345

Ion Ratio Lower Upper

83 100

85 62.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.034 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV024666.D

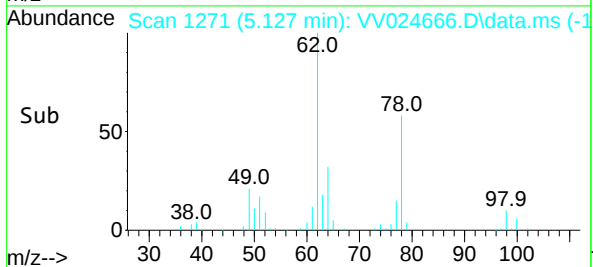
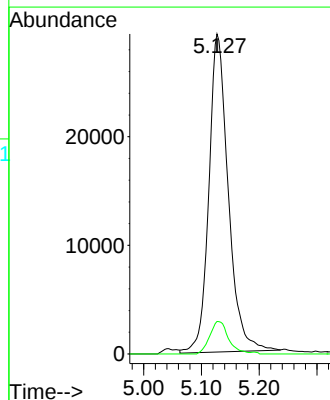
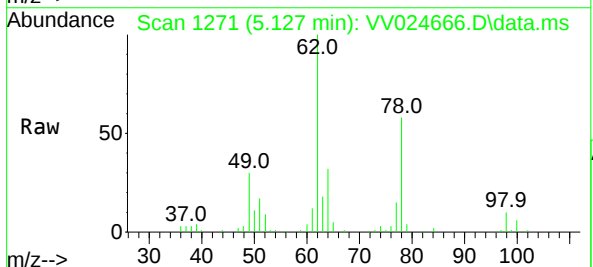
Acq: 15 Feb 2022 12:36

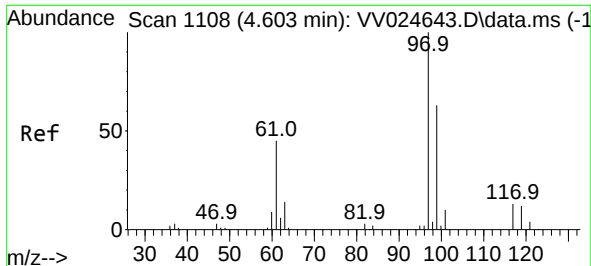
Tgt Ion: 62 Resp: 68405

Ion Ratio Lower Upper

62 100

98 10.2 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.038 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

Instrument :

MSVOA_V

ClientSampleId :

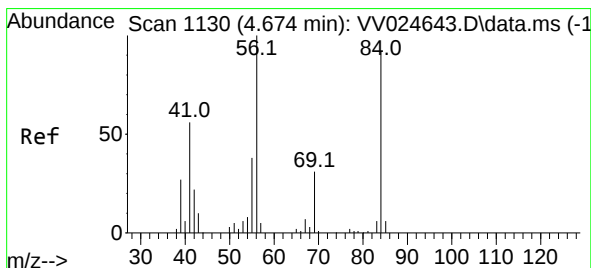
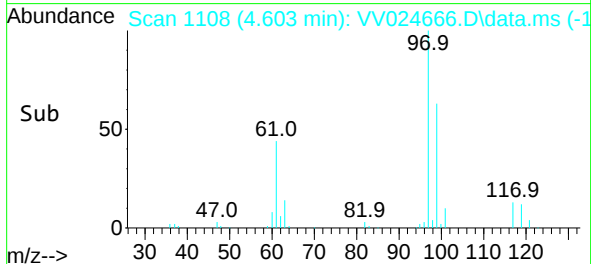
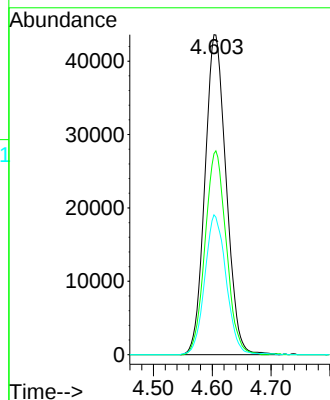
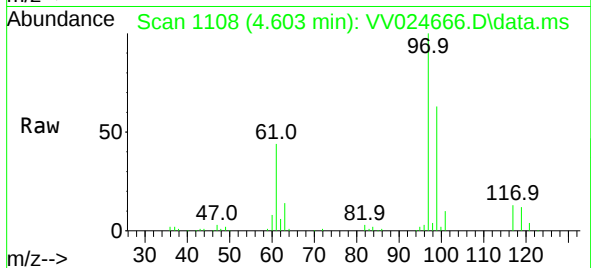
Tgt Ion: 97 Resp: 109558

Ion Ratio Lower Upper

97 100

99 63.4 51.9 77.9

61 43.8 33.2 49.8



#30

Cyclohexane

Concen: 4.483 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

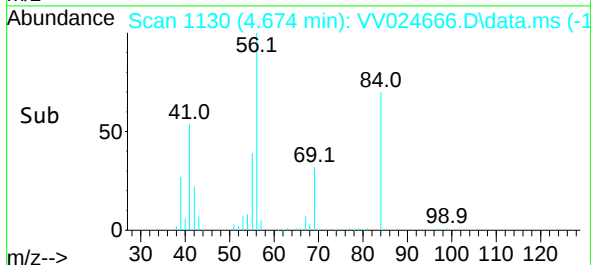
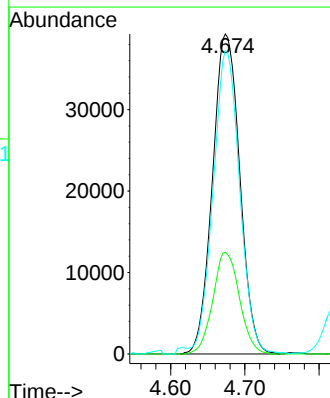
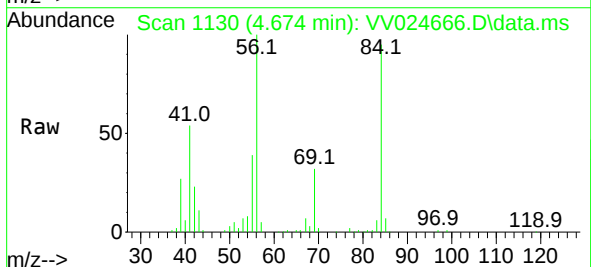
Tgt Ion: 56 Resp: 100421

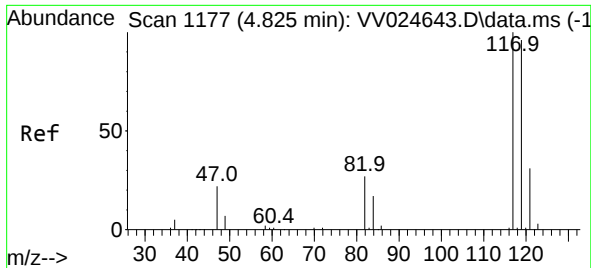
Ion Ratio Lower Upper

56 100

69 31.0 24.8 37.2

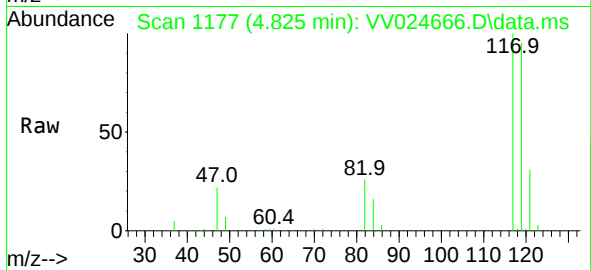
84 92.5 75.9 113.9



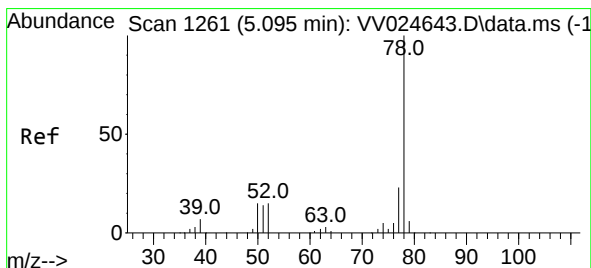
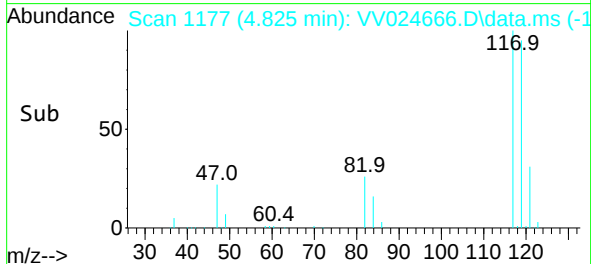
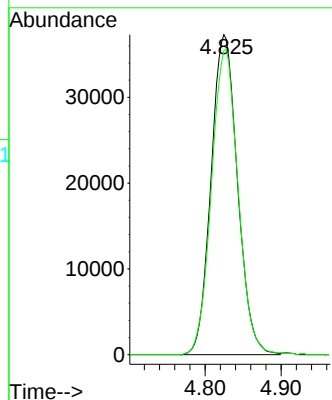


#31
Carbon tetrachloride
Concen: 4.891 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

Instrument :
MSVOA_V
ClientSampleId :

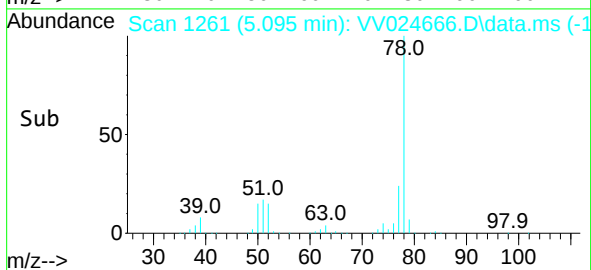
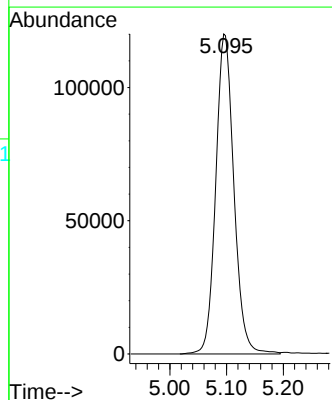
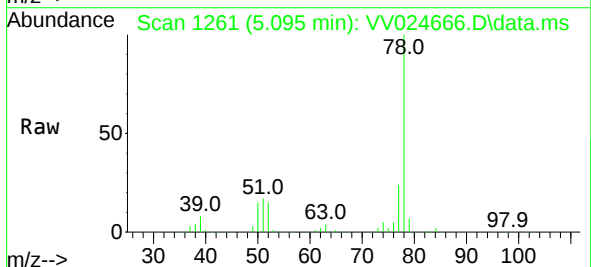


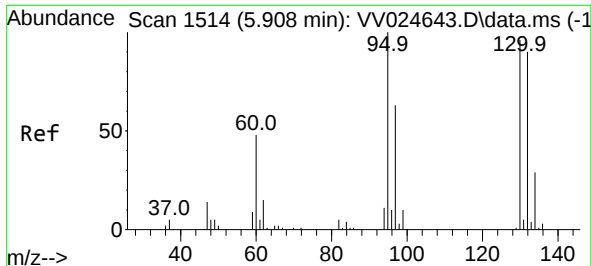
Tgt Ion:117 Resp: 90072
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8



#33
Benzene
Concen: 5.156 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

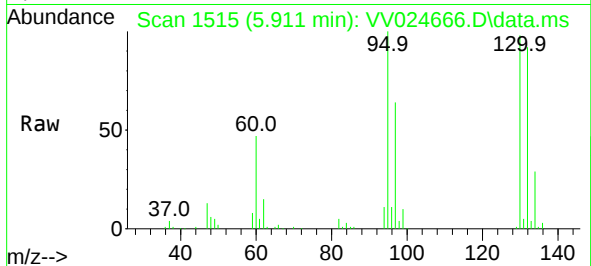
Tgt Ion: 78 Resp: 266721



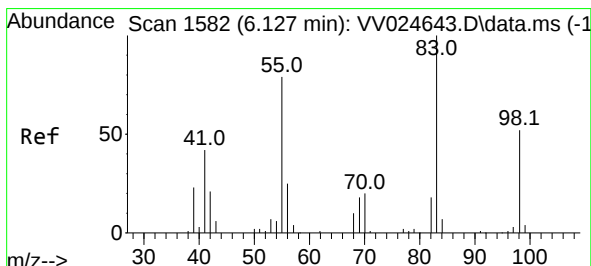
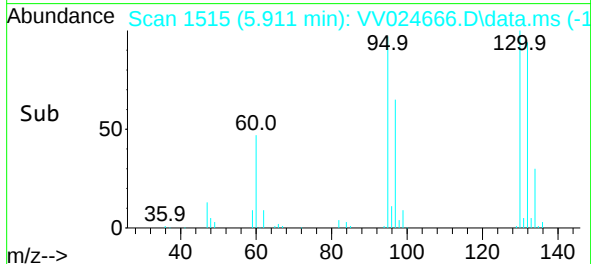
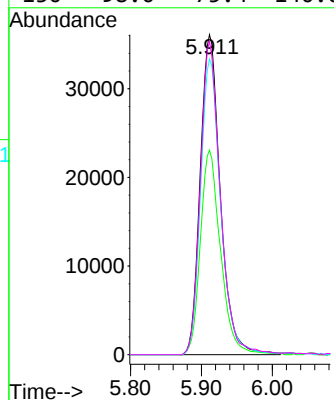


#34
Trichloroethene
Concen: 5.001 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

Instrument :
MSVOA_V
ClientSampleId :

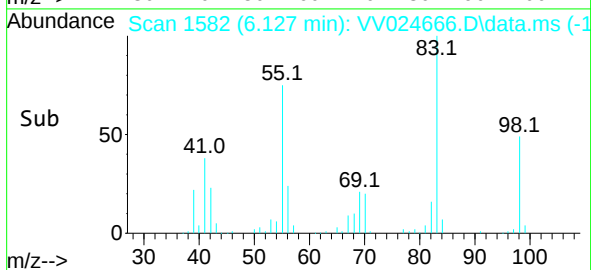
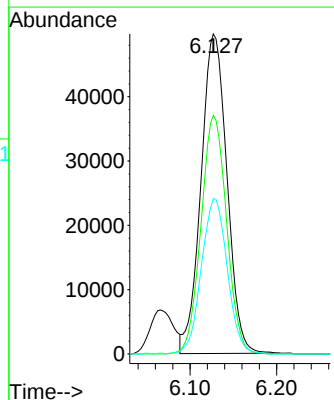
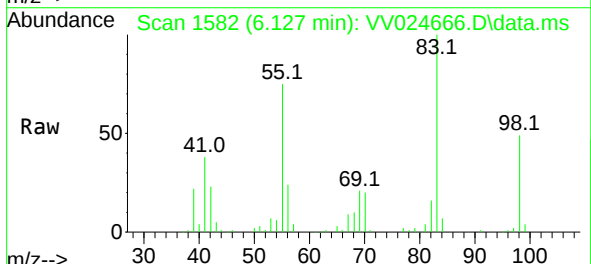


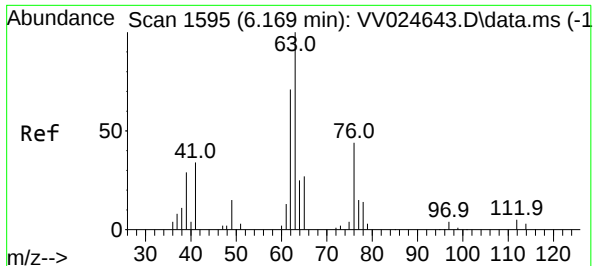
Tgt Ion: 95 Resp: 71246
Ion Ratio Lower Upper
95 100
97 63.9 45.2 84.0
132 92.4 76.1 141.3
130 98.0 75.4 140.0



#35
Methylcyclohexane
Concen: 4.392 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

Tgt Ion: 83 Resp: 103515
Ion Ratio Lower Upper
83 100
55 73.5 60.2 90.2
98 48.5 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.052 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

Instrument :

MSVOA_V

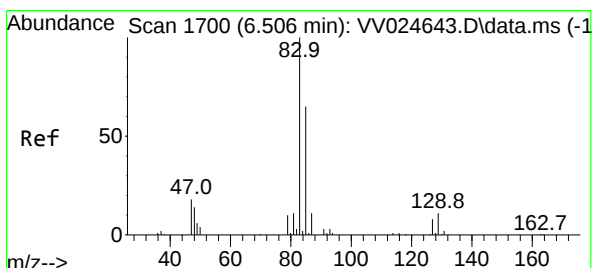
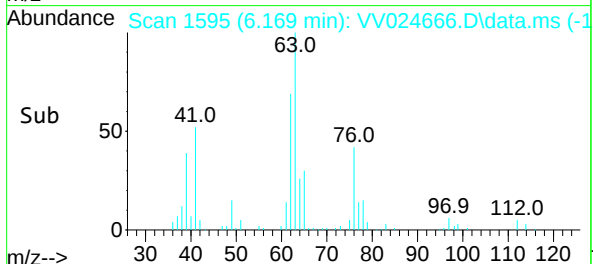
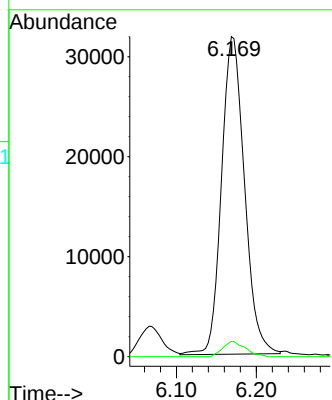
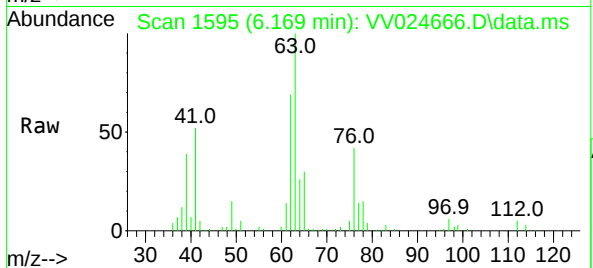
ClientSampleId :

Tgt Ion: 63 Resp: 63349

Ion Ratio Lower Upper

63 100

112 4.7 4.3 6.5



#38

Bromodichloromethane

Concen: 5.055 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

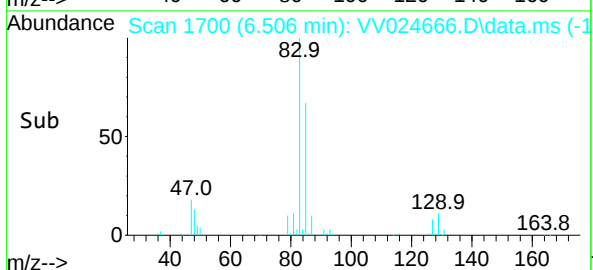
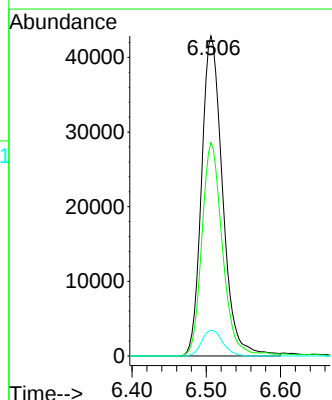
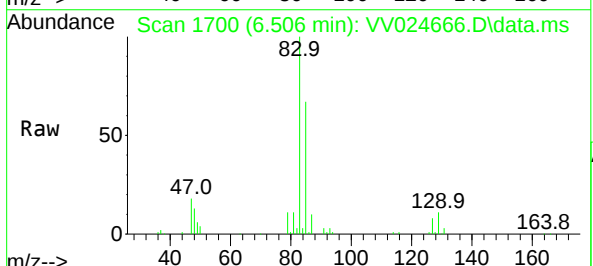
Tgt Ion: 83 Resp: 84252

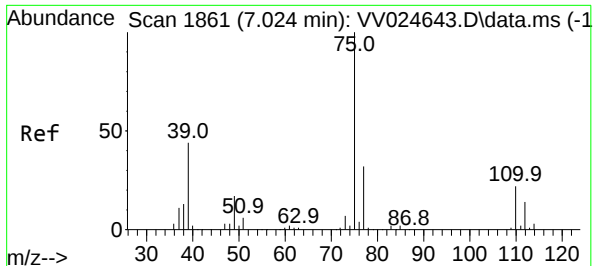
Ion Ratio Lower Upper

83 100

85 66.7 44.0 81.8

127 8.0 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 4.551 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

Instrument :

MSVOA_V

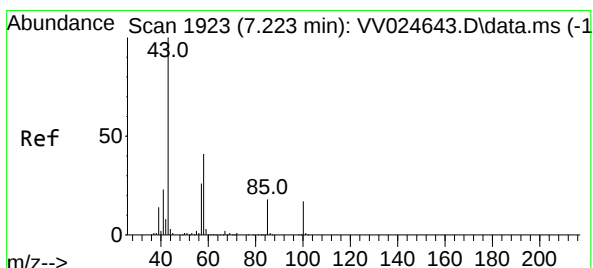
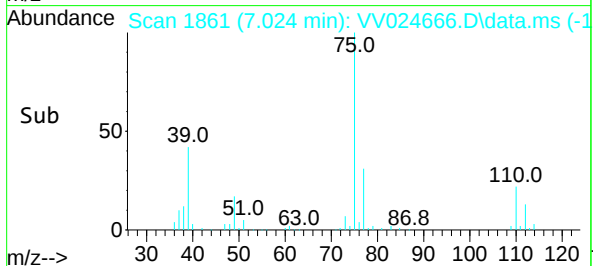
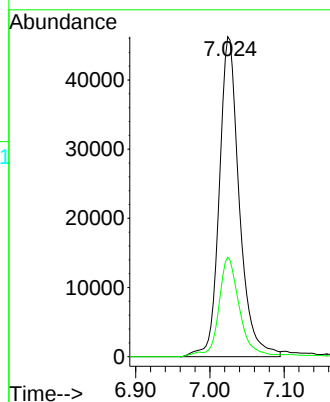
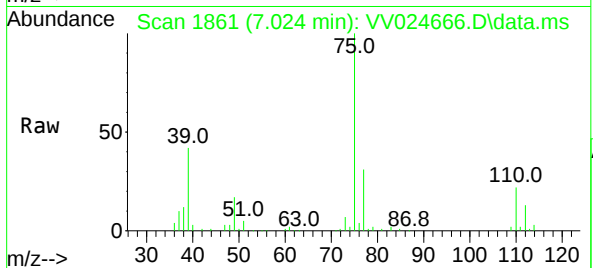
ClientSampleId :

Tgt Ion: 75 Resp: 86964

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 46.482 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

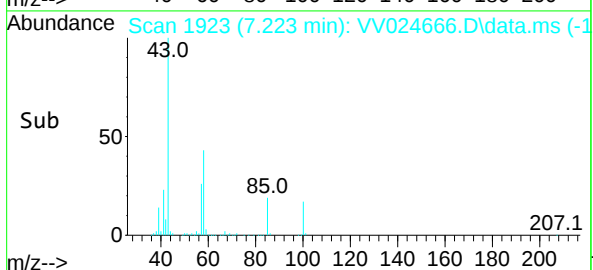
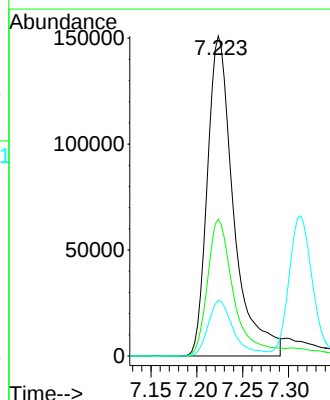
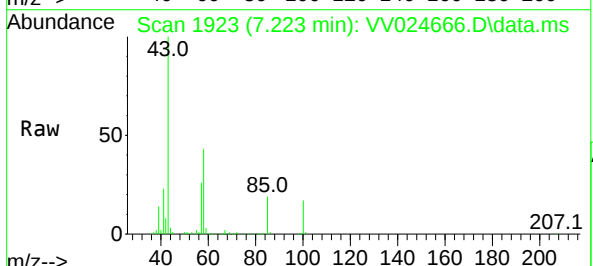
Tgt Ion: 43 Resp: 300785

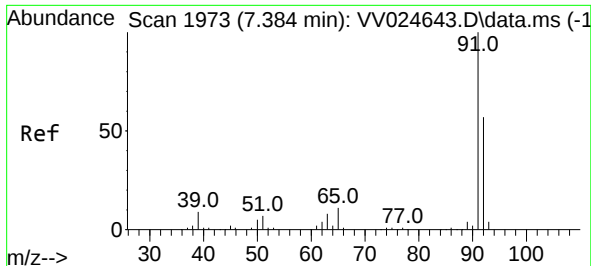
Ion Ratio Lower Upper

43 100

58 42.9 32.3 48.5

100 16.9 13.0 19.6





#42

Toluene

Concen: 5.044 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

Instrument :

MSVOA_V

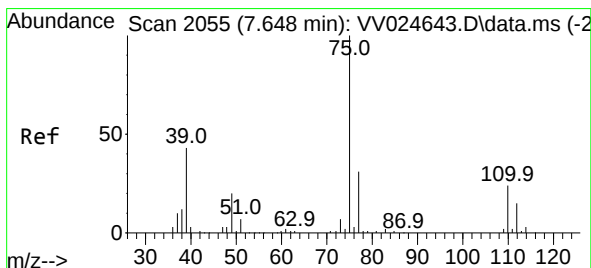
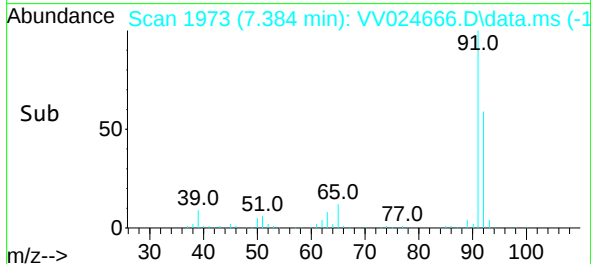
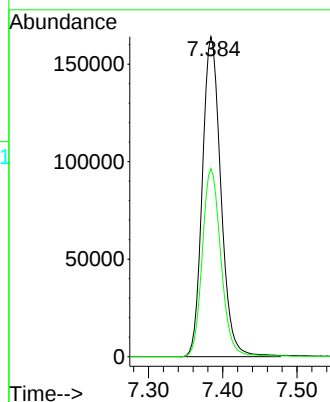
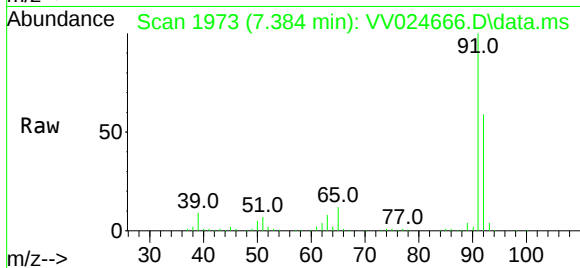
ClientSampleId :

Tgt Ion: 91 Resp: 284283

Ion Ratio Lower Upper

91 100

92 58.7 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.604 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV024666.D

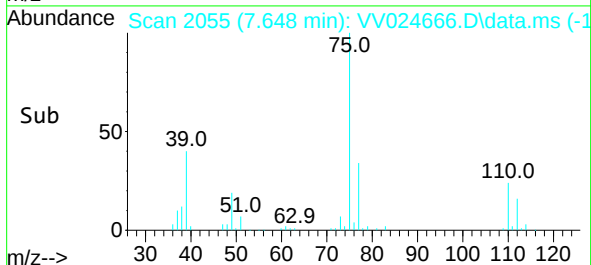
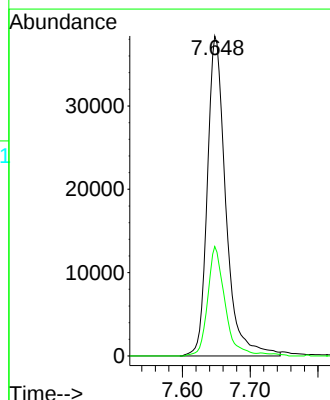
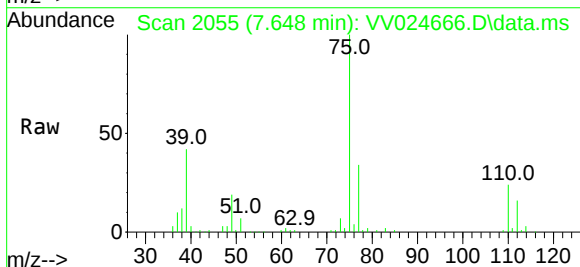
Acq: 15 Feb 2022 12:36

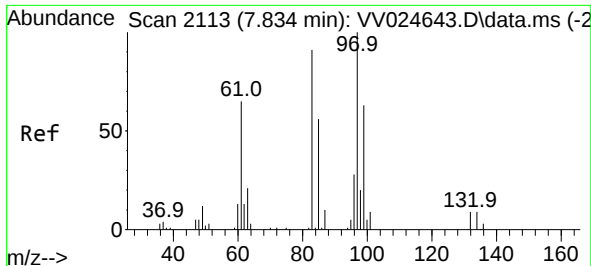
Tgt Ion: 75 Resp: 72675

Ion Ratio Lower Upper

75 100

77 34.2 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.367 ug/L

RT: 7.837 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 43616

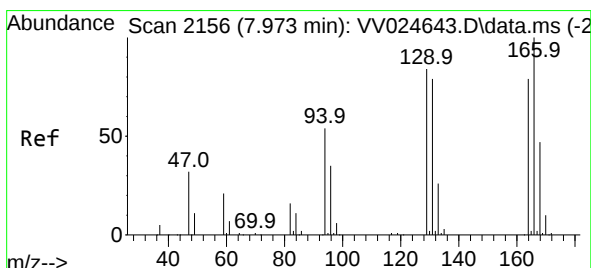
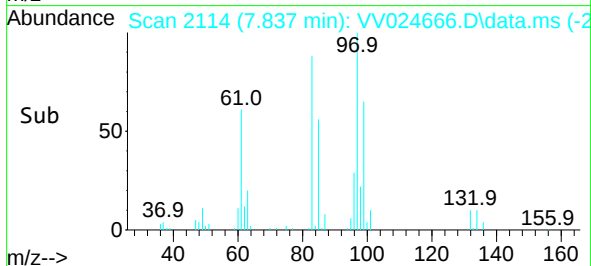
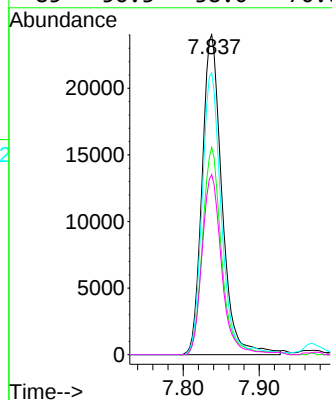
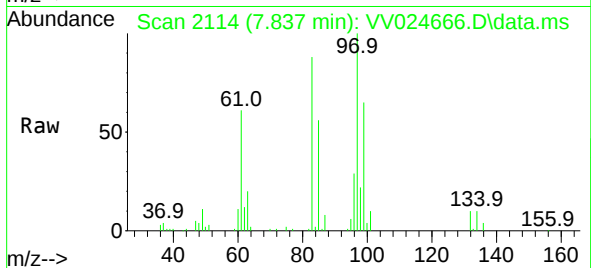
Ion Ratio Lower Upper

97 100

99 64.8 43.1 80.1

83 88.1 57.9 107.5

85 56.3 38.0 70.6



#47

Tetrachloroethene

Concen: 5.031 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

Tgt Ion:164 Resp: 47552

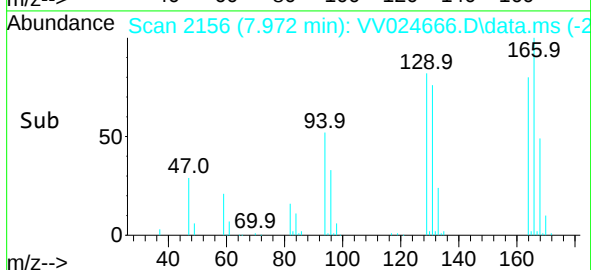
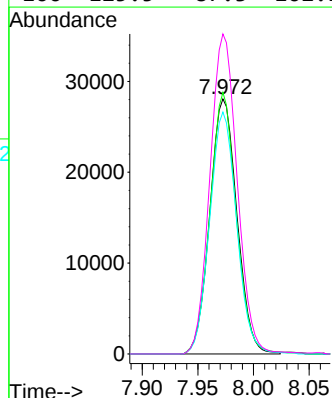
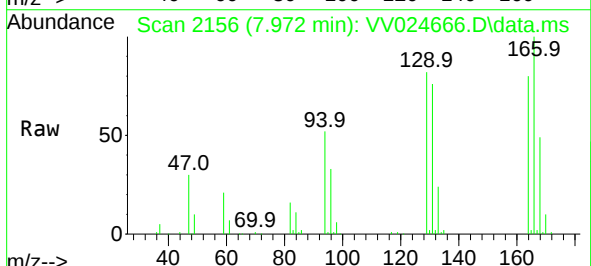
Ion Ratio Lower Upper

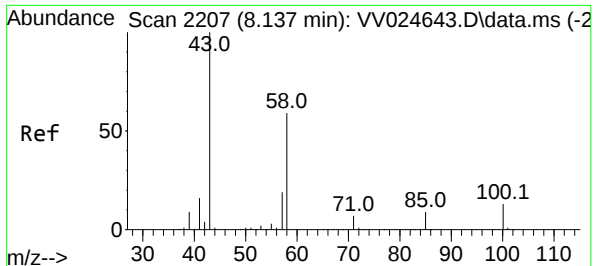
164 100

129 102.6 62.6 116.2

131 94.8 61.0 113.4

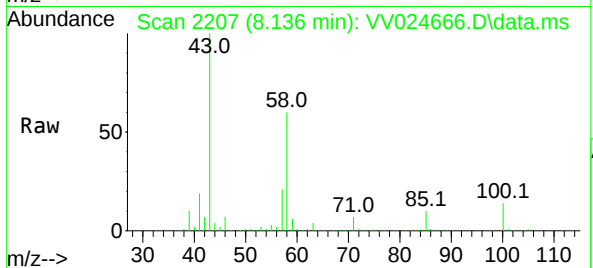
166 125.5 87.3 162.1



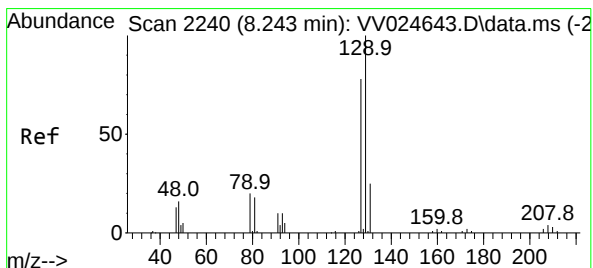
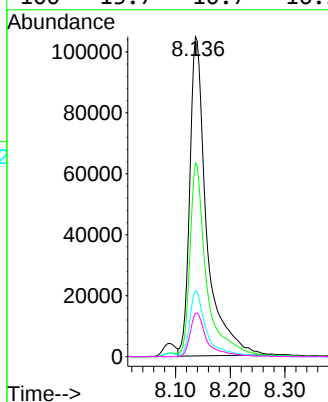
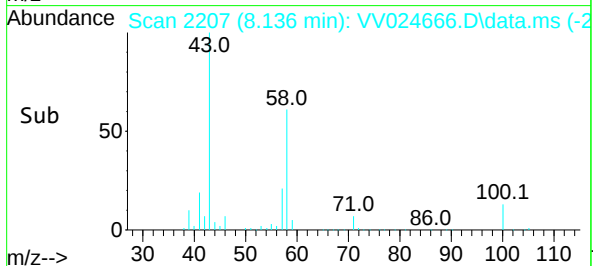


#48
2-Hexanone
Concen: 50.589 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

Instrument :
MSVOA_V
ClientSampleId :

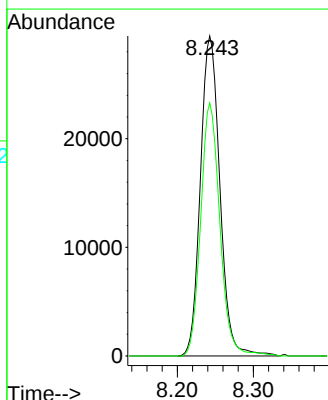
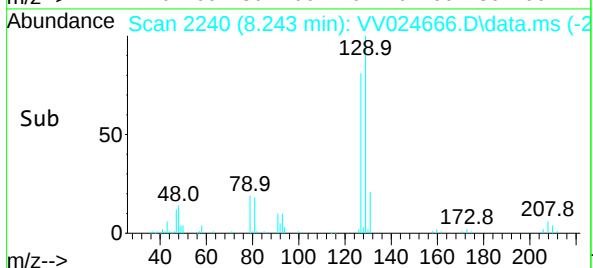
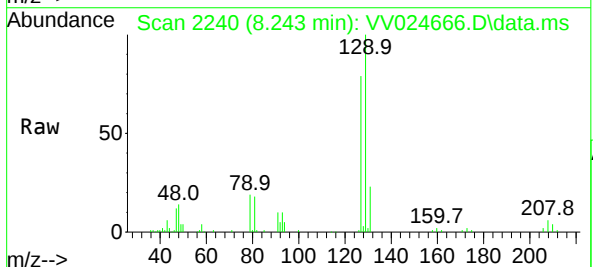


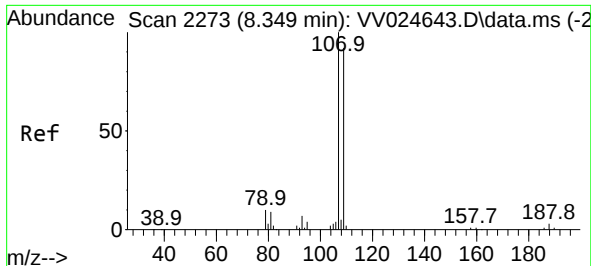
Tgt Ion: 43	Resp: 224089
Ion Ratio	Lower Upper
43 100	
58 58.0	44.5 66.7
57 20.2	15.1 22.7
100 13.7	10.7 16.1



#49
Dibromochloromethane
Concen: 5.336 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

Tgt Ion:129	Resp: 52366		
Ion Ratio	Lower	Upper	
129 100			
127 79.0	53.5	99.3	





#50

1,2-Dibromoethane

Concen: 5.361 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024666.D

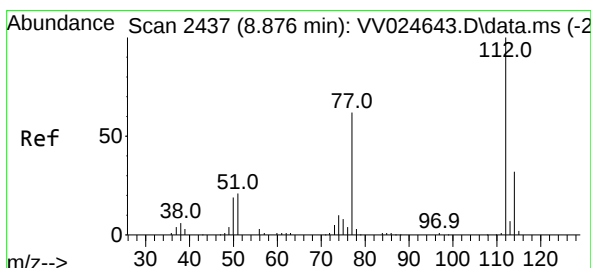
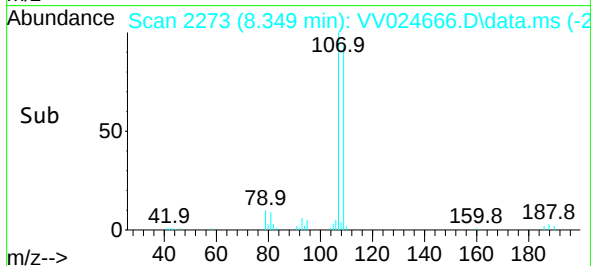
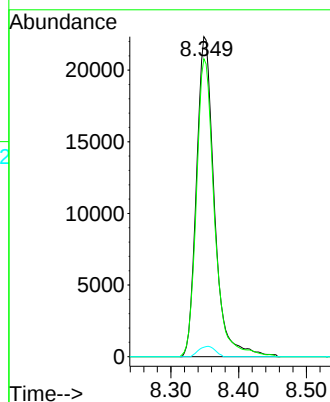
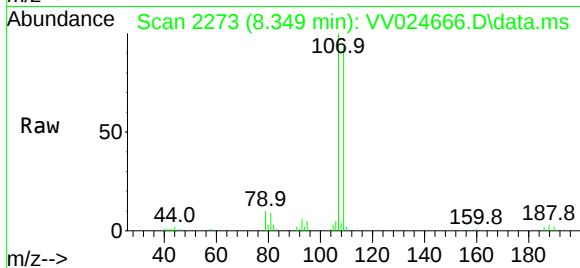
Acq: 15 Feb 2022 12:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	40888
Ion	Ratio	Lower	Upper
107	100		
109	93.1	62.5	116.1
188	3.0	3.4	5.2#



#51

Chlorobenzene

Concen: 5.120 ug/L

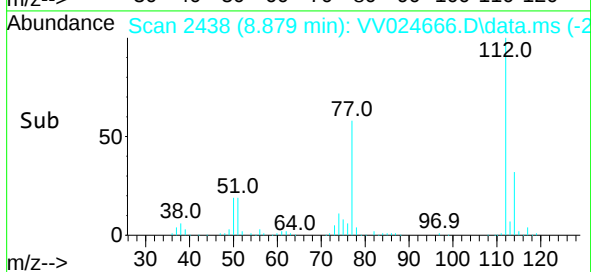
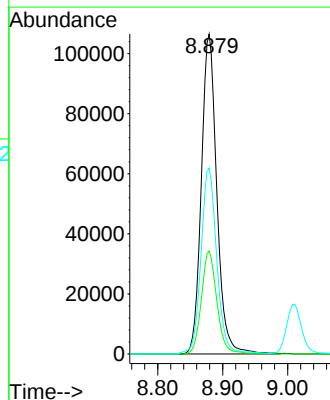
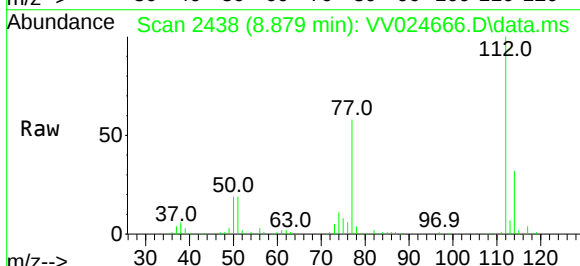
RT: 8.879 min Scan# 2438

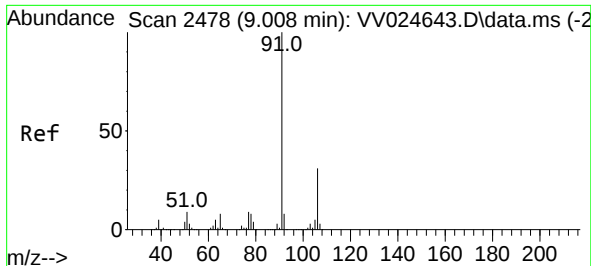
Delta R.T. 0.003 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

Tgt Ion:	112	Resp:	176825
Ion	Ratio	Lower	Upper
112	100		
114	32.1	23.3	43.3
77	58.1	43.3	64.9

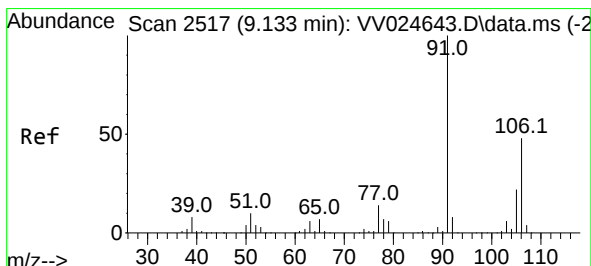
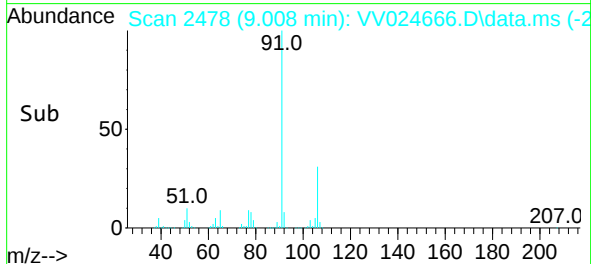
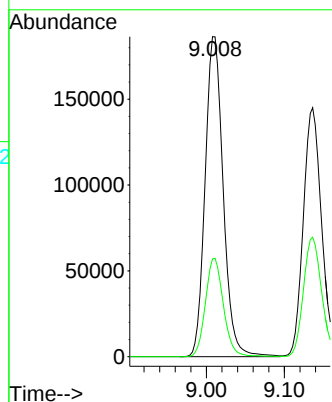
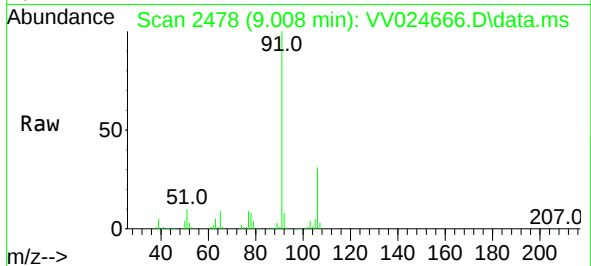




#52
Ethylbenzene
Concen: 4.797 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

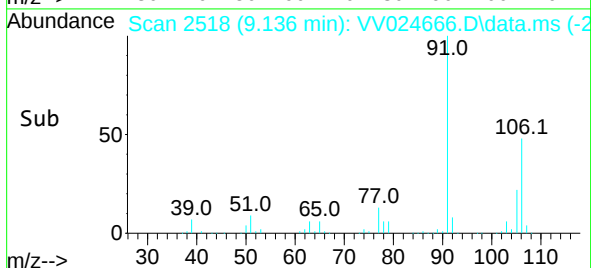
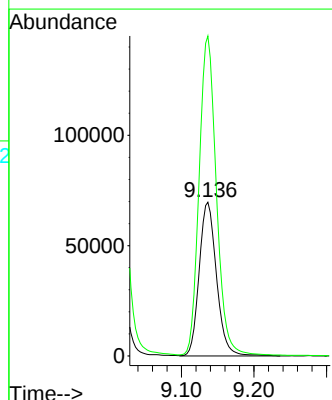
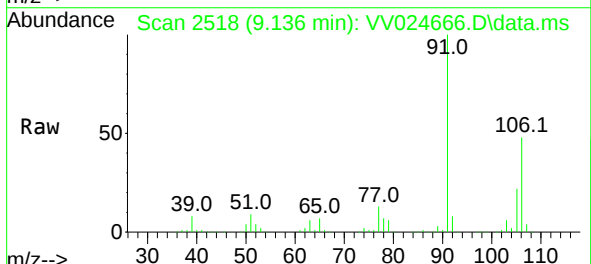
Instrument :
MSVOA_V
ClientSampleId :

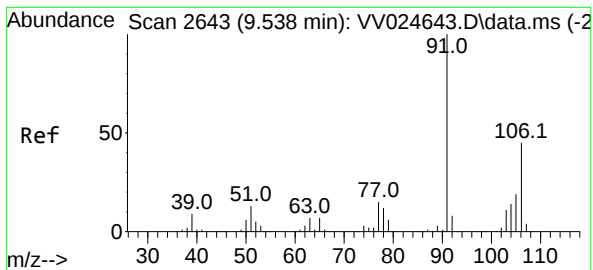
Tgt Ion: 91 Resp: 300789
Ion Ratio Lower Upper
91 100
106 30.5 22.0 41.0



#53
m,p-xylene
Concen: 4.866 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

Tgt Ion:106 Resp: 115576
Ion Ratio Lower Upper
106 100
91 208.2 139.5 259.1





#54

o-xylene

Concen: 4.998 ug/L

RT: 9.542 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

Instrument :

MSVOA_V

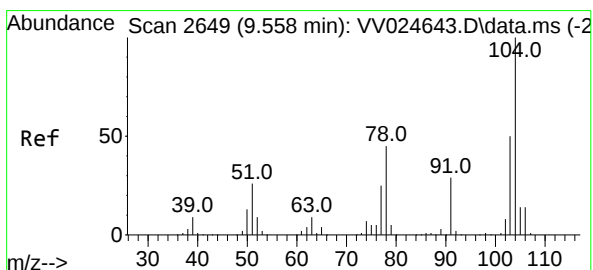
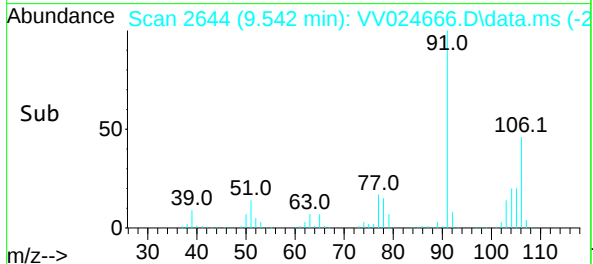
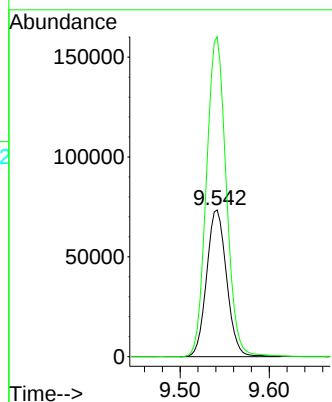
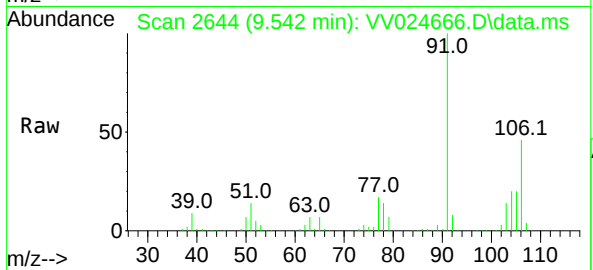
ClientSampleId :

Tgt Ion:106 Resp: 114479

Ion Ratio Lower Upper

106 100

91 218.1 147.9 274.7



#55

Styrene

Concen: 5.019 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. -0.000 min

Lab File: VV024666.D

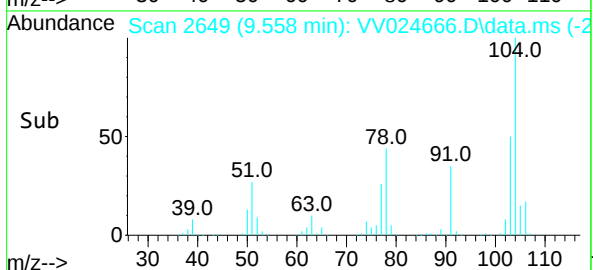
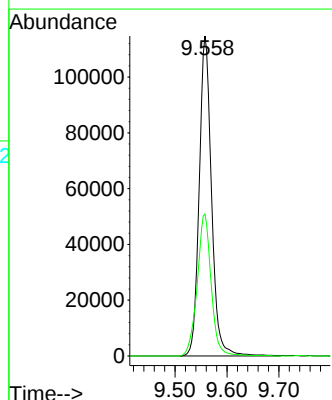
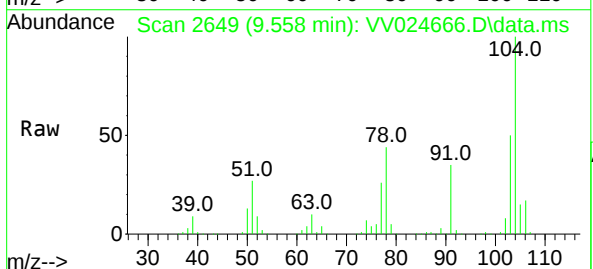
Acq: 15 Feb 2022 12:36

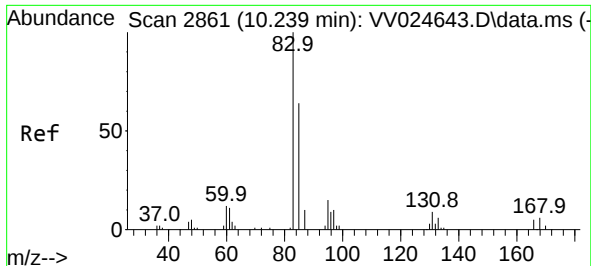
Tgt Ion:104 Resp: 188722

Ion Ratio Lower Upper

104 100

78 44.4 31.0 57.6

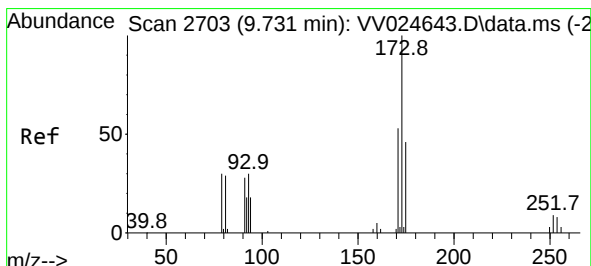
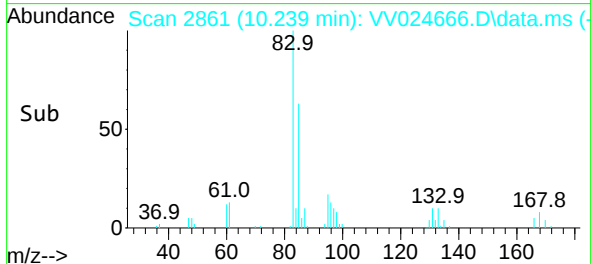
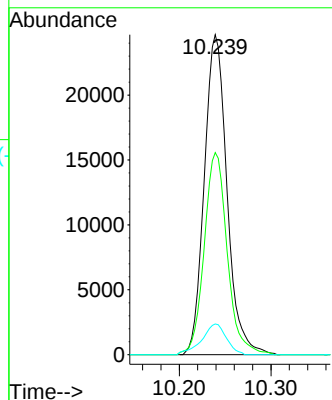
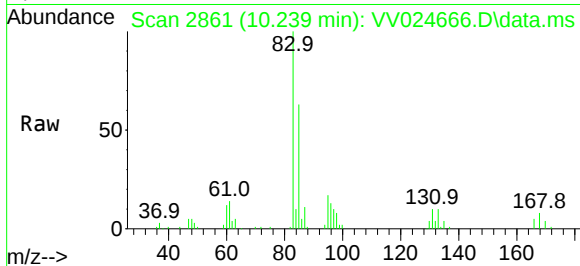




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.156 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV024666.D
 Acq: 15 Feb 2022 12:36

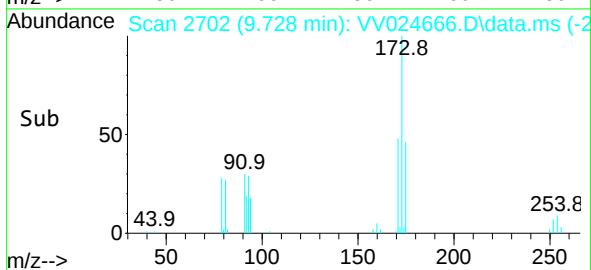
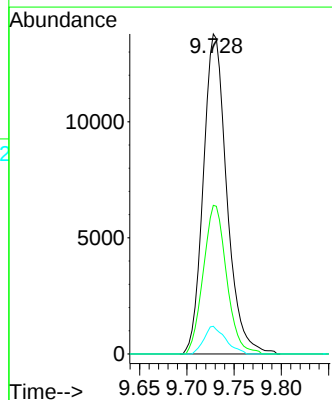
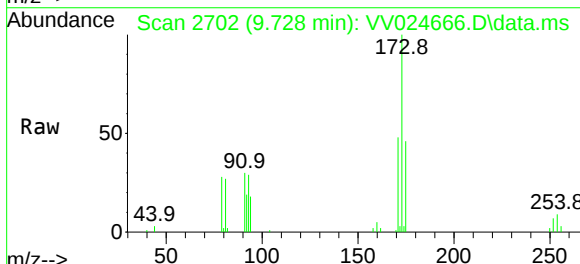
Instrument :
 MSVOA_V
 ClientSampleId :

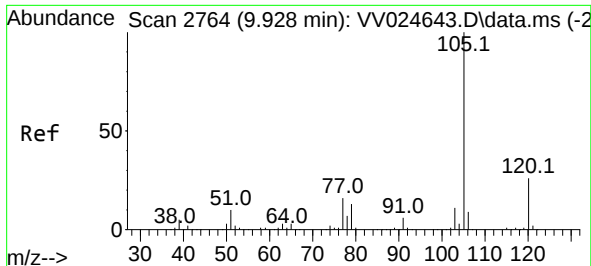
Tgt Ion:	83	Resp:	42438
Ion	Ratio	Lower	Upper
83	100		
85	63.1	44.6	82.8
131	9.6	8.3	12.5



#59
 Bromoform
 Concen: 5.358 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.003 min
 Lab File: VV024666.D
 Acq: 15 Feb 2022 12:36

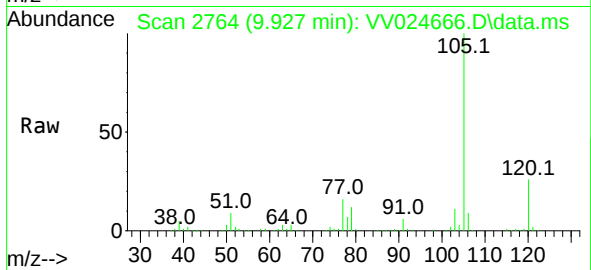
Tgt Ion:	173	Resp:	23818
Ion	Ratio	Lower	Upper
173	100		
175	46.0	39.4	59.2
254	7.9	7.4	11.0



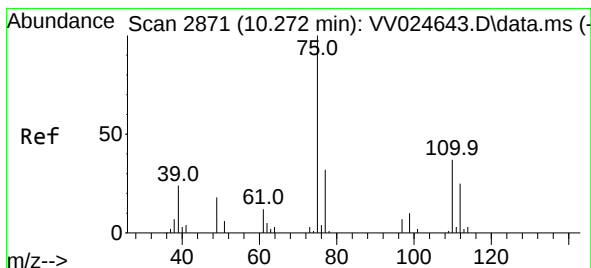
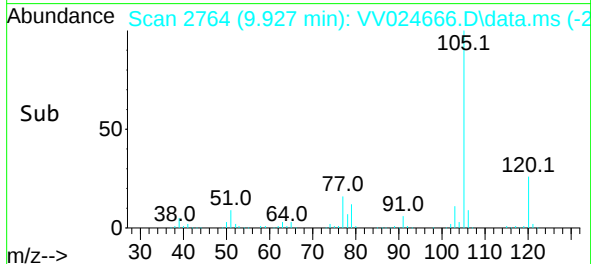
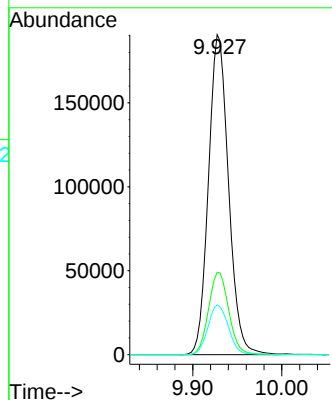


#60
Isopropylbenzene
Concen: 4.725 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

Instrument :
MSVOA_V
ClientSampleId :

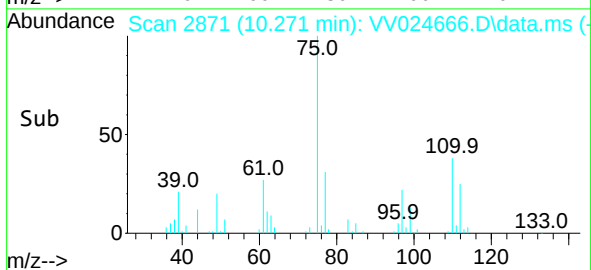
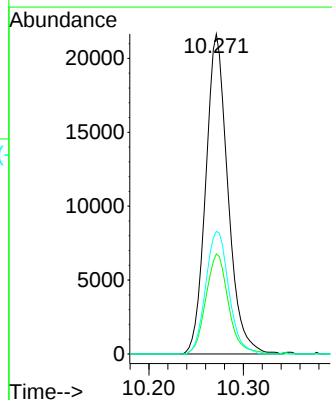
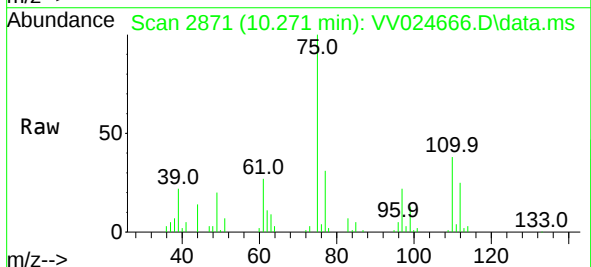


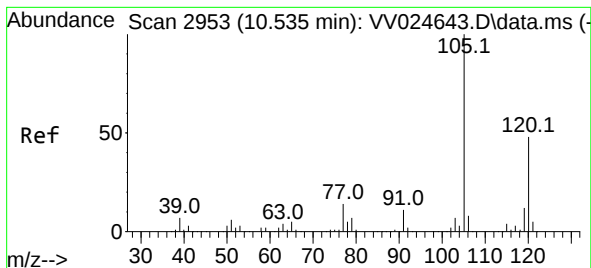
Tgt Ion:105 Resp: 298154
Ion Ratio Lower Upper
105 100
120 25.9 21.4 32.0
77 15.9 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.141 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

Tgt Ion: 75 Resp: 35256
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
110 39.8 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 4.751 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

Instrument :

MSVOA_V

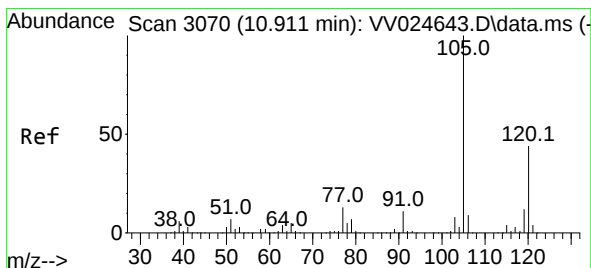
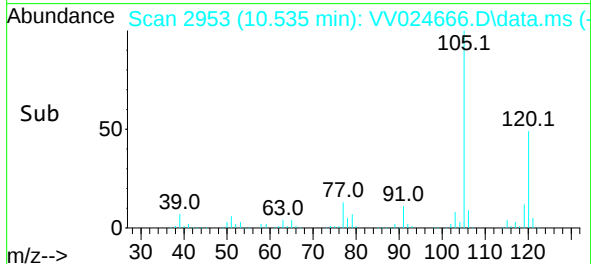
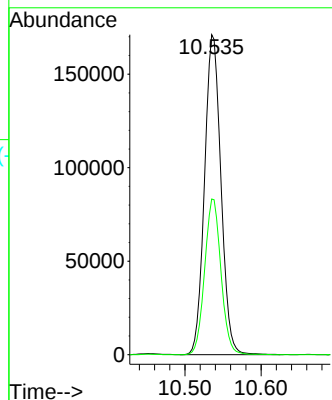
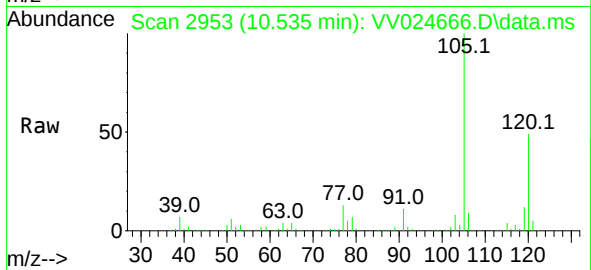
ClientSampleId :

Tgt Ion:105 Resp: 256691

Ion Ratio Lower Upper

105 100

120 48.4 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.756 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024666.D

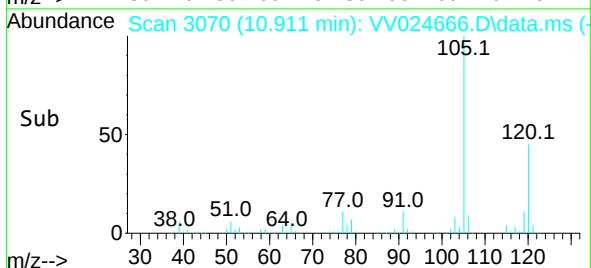
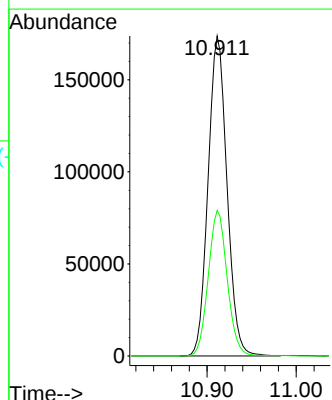
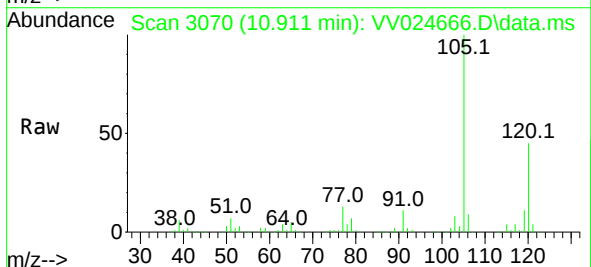
Acq: 15 Feb 2022 12:36

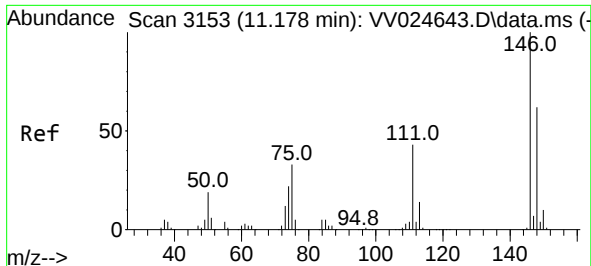
Tgt Ion:105 Resp: 255464

Ion Ratio Lower Upper

105 100

120 45.6 36.7 55.1

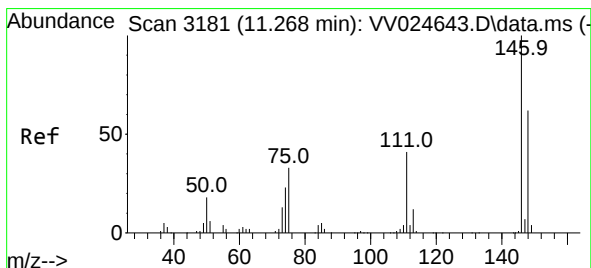
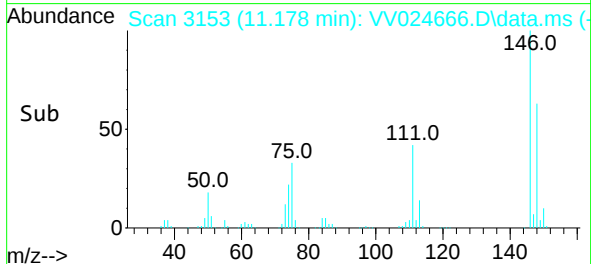
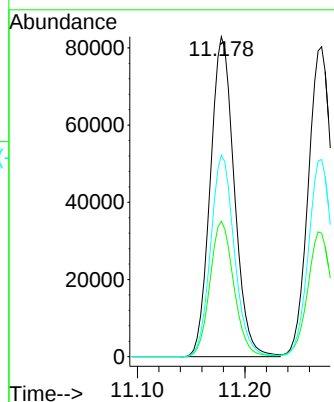
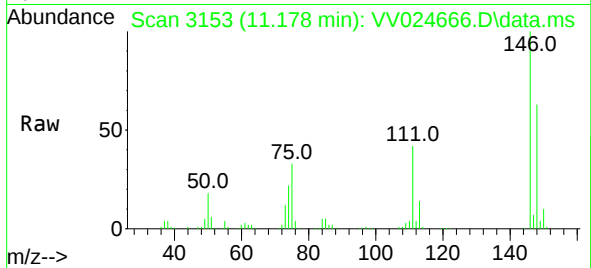




#64
1,3-Dichlorobenzene
Concen: 5.008 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

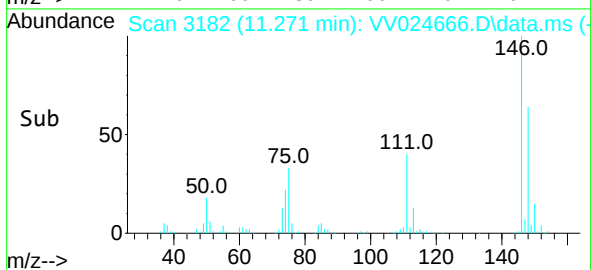
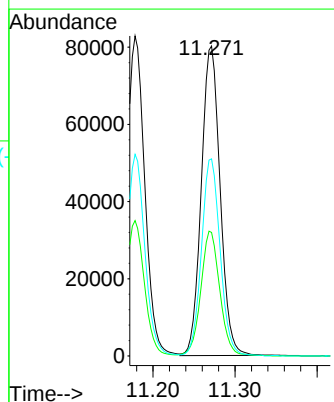
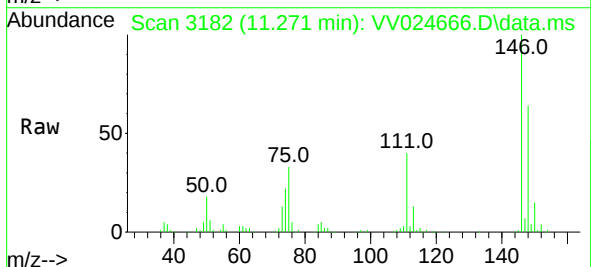
Instrument :
MSVOA_V
ClientSampleId :

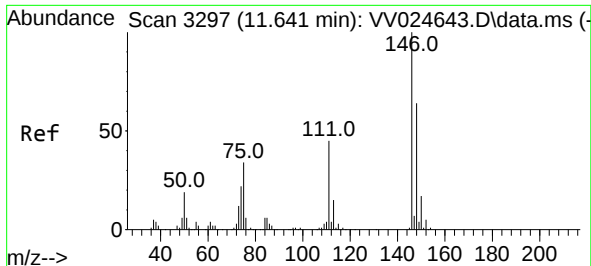
Tgt Ion:146 Resp: 128621
Ion Ratio Lower Upper
146 100
111 42.3 26.3 48.9
148 63.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.023 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

Tgt Ion:146 Resp: 128135
Ion Ratio Lower Upper
146 100
111 39.8 25.6 47.6
148 63.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.112 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

Instrument :

MSVOA_V

ClientSampleId :

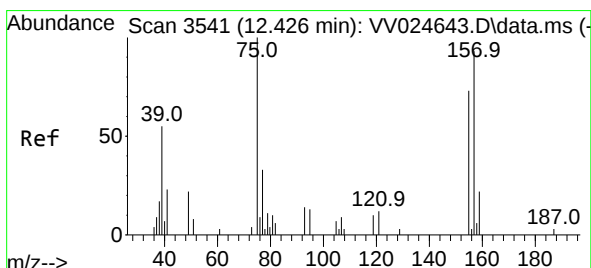
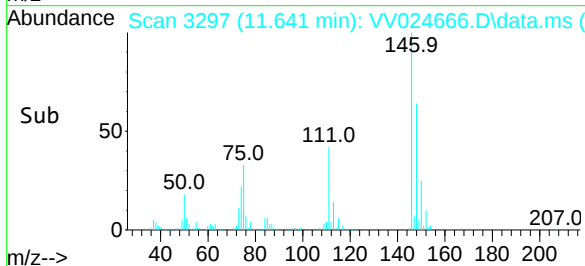
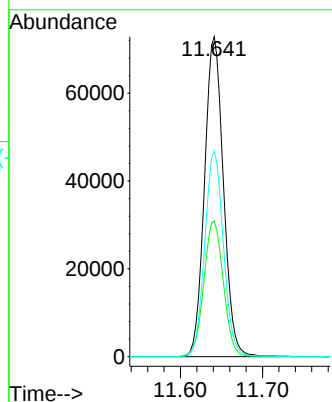
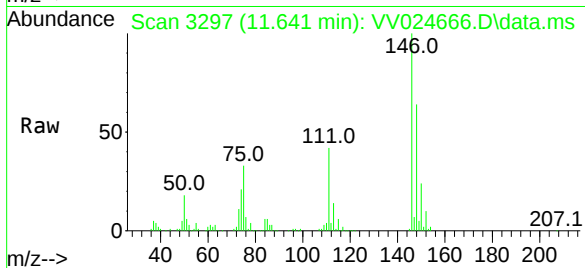
Tgt Ion:146 Resp: 116557

Ion Ratio Lower Upper

146 100

111 42.4 31.9 47.9

148 64.2 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.572 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV024666.D

Acq: 15 Feb 2022 12:36

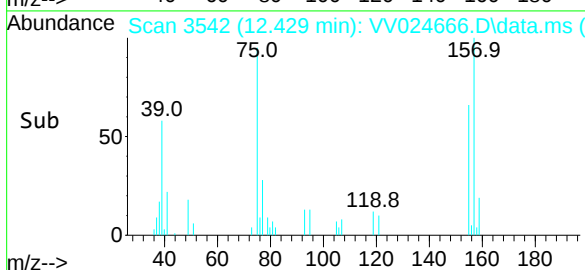
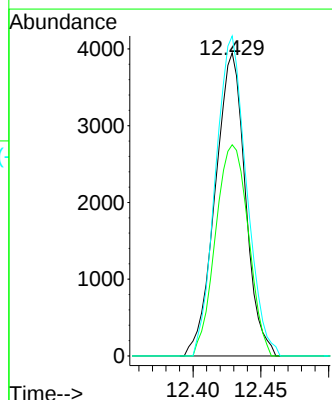
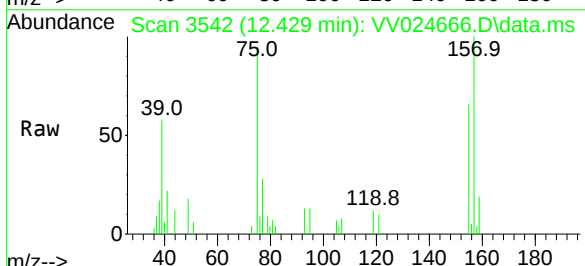
Tgt Ion: 75 Resp: 6091

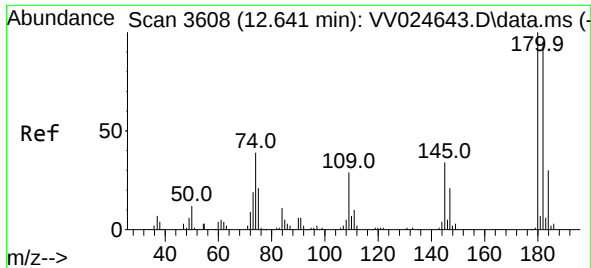
Ion Ratio Lower Upper

75 100

155 69.7 71.7 107.5#

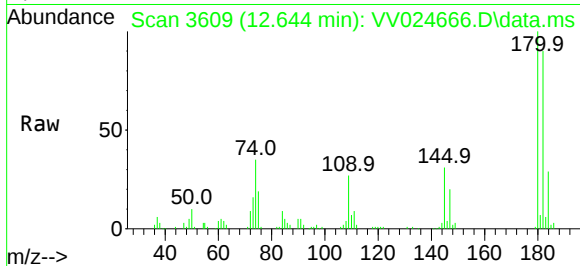
157 105.6 103.3 154.9



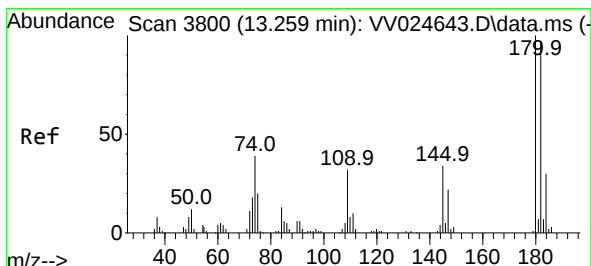
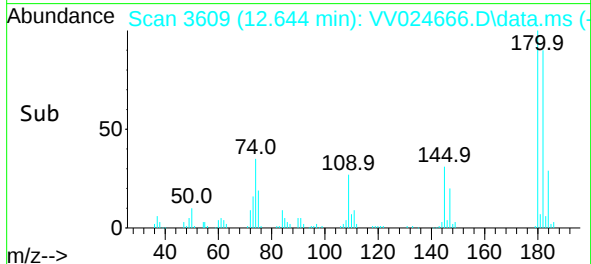
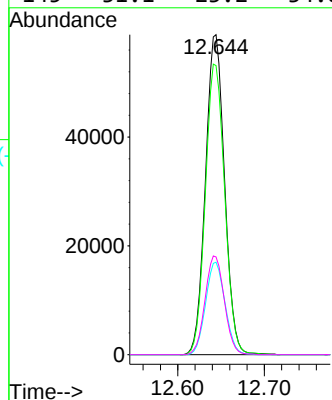


#69
 1,3,5-Trichlorobenzene
 Concen: 4.932 ug/L
 RT: 12.644 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VV024666.D
 Acq: 15 Feb 2022 12:36

Instrument :
 MSVOA_V
 ClientSampleId :

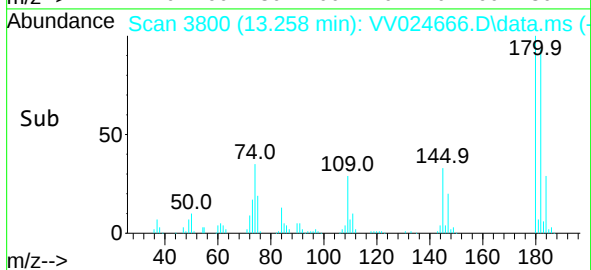
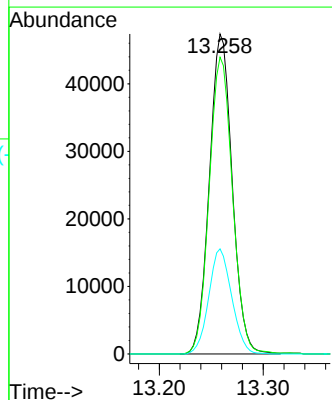
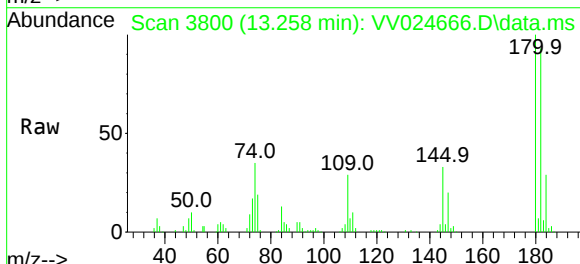


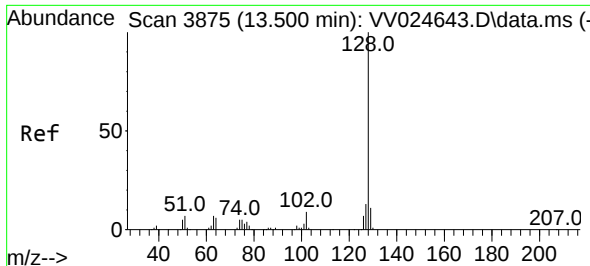
Tgt Ion:180 Resp: 90112
 Ion Ratio Lower Upper
 180 100
 182 92.2 76.4 114.6
 184 29.4 24.2 36.4
 145 31.1 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.883 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024666.D
 Acq: 15 Feb 2022 12:36

Tgt Ion:180 Resp: 72043
 Ion Ratio Lower Upper
 180 100
 182 94.8 74.4 111.6
 145 33.2 23.3 34.9

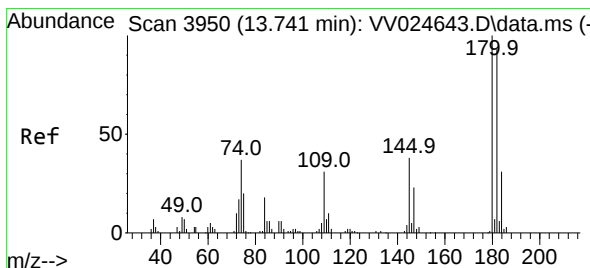
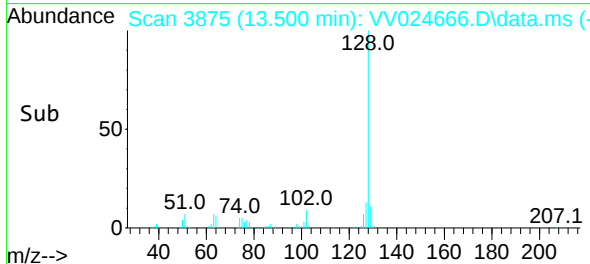
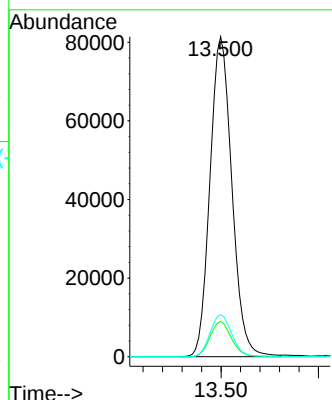
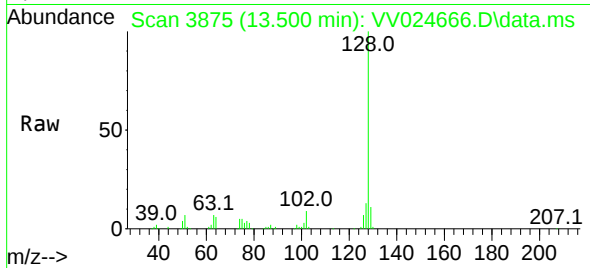




#71
Naphthalene
Concen: 4.749 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 126926
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.041 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024666.D
Acq: 15 Feb 2022 12:36

Tgt Ion:180 Resp: 62556
Ion Ratio Lower Upper
180 100
182 92.8 76.8 115.2
145 34.7 25.8 38.6

