

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070722\
 Data File : VW026684.D
 Acq On : 07 Jul 2022 20:11
 Operator : SY/MD
 Sample : N3601-08MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB4MS

Quant Time: Jul 08 03:03:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	184492	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	175666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	89821	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	58597	3.949	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.581	69	52496	4.404	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.121	63	114370	4.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.918	46	77380	52.457	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.920%
24) Chloroform-d	4.362	84	117455	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.043	65	44777	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.060	84	214487	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.076	67	62732	4.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.320	98	201394	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.629	79	12966	3.615	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.095	63	68324	50.015	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.020%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46076	5.076	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	64948	4.369	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.147	85	59231	4.216	ug/L	100
3) Chloromethane	1.256	50	70994	4.621	ug/L	100
5) Vinyl chloride	1.323	62	75675	4.626	ug/L	91
6) Bromomethane	1.536	94	41427	4.678	ug/L	95
8) Chloroethane	1.597	64	75590	6.794	ug/L #	84
9) Trichlorofluoromethane	1.764	101	111138	4.872	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	66431	4.915	ug/L	98
12) 1,1-Dichloroethene	2.130	96	60666	4.869	ug/L	95
13) Acetone	2.211	43	53468	57.136	ug/L	99
14) Carbon disulfide	2.304	76	155890	4.742	ug/L	98
15) Methyl Acetate	2.458	43	11500	4.262	ug/L	92
16) Methylene chloride	2.523	84	63308	4.786	ug/L	95
17) Methyl tert-butyl Ether	2.786	73	101233	4.984	ug/L	100
18) trans-1,2-Dichloroethene	2.773	96	60643	4.770	ug/L	95
19) 1,1-Dichloroethane	3.204	63	114492	5.015	ug/L	98
21) 2-Butanone	4.005	43	71301	50.647	ug/L	93
22) cis-1,2-Dichloroethene	3.928	96	65258	5.169	ug/L	93
23) Bromochloromethane	4.265	128	28432	5.469	ug/L	92
25) Chloroform	4.388	83	123566	5.060	ug/L	95

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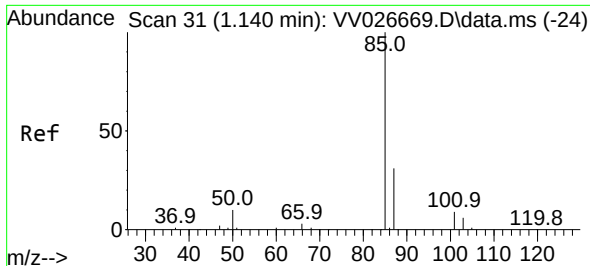
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	55544	5.110	ug/L	100
29) 1,1,1-Trichloroethane	4.619	97	108297	5.010	ug/L	99
30) Cyclohexane	4.690	56	68699	4.014	ug/L	99
31) Carbon tetrachloride	4.838	117	83187	4.588	ug/L	97
33) Benzene	5.108	78	250219	4.878	ug/L	100
34) Trichloroethene	5.921	95	65414	4.851	ug/L	96
35) Methylcyclohexane	6.137	83	82427	4.132	ug/L	99
37) 1,2-Dichloropropane	6.178	63	62481	5.054	ug/L	98
38) Bromodichloromethane	6.513	83	74141	5.080	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	50345	4.052	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	241883	57.926	ug/L	98
42) Toluene	7.391	91	269840	5.096	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	38126	4.125	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	44844	5.752	ug/L	97
47) Tetrachloroethene	7.976	164	52447	4.885	ug/L	98
48) 2-Hexanone	8.143	43	178482	61.403	ug/L	98
49) Dibromochloromethane	8.246	129	39492	5.003	ug/L	99
50) 1,2-Dibromoethane	8.355	107	38628	5.573	ug/L	94
51) Chlorobenzene	8.883	112	170688	4.921	ug/L	97
52) Ethylbenzene	9.014	91	252489	4.611	ug/L	99
53) m,p-Xylene	9.140	106	102303	4.789	ug/L	96
54) o-Xylene	9.545	106	95928	4.784	ug/L	99
55) Styrene	9.561	104	166815	5.023	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	50635	5.817	ug/L	98
59) Bromoform	9.735	173	14396	4.349	ug/L	100
60) Isopropylbenzene	9.931	105	258273	4.662	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	32857	5.649	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	190784	4.357	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	194629	4.508	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	133079	4.939	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	131398	4.911	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	118757	5.180	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	5638	5.405	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	90687	4.681	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	63403	4.634	ug/L	98
71) Naphthalene	13.500	128	87233	4.888	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	56278	5.026	ug/L	100

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

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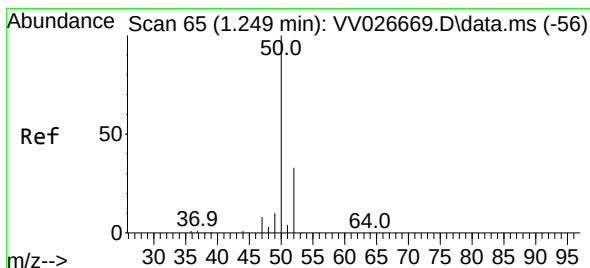
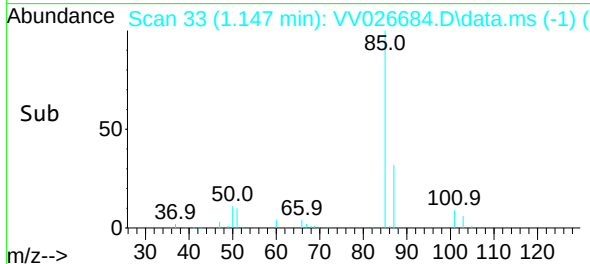
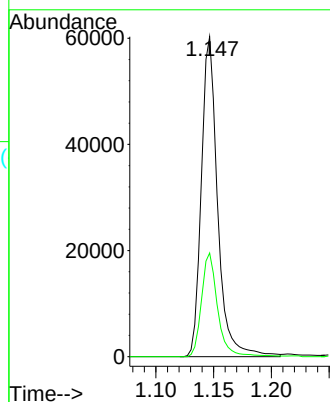
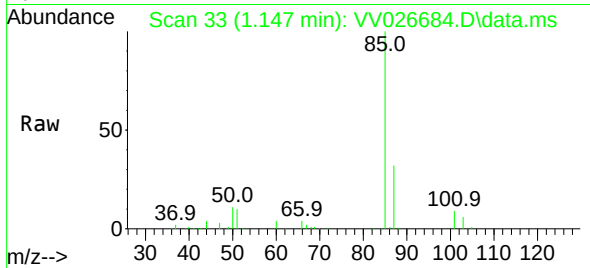




#2
Dichlorodifluoromethane
Concen: 4.216 ug/L
RT: 1.147 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

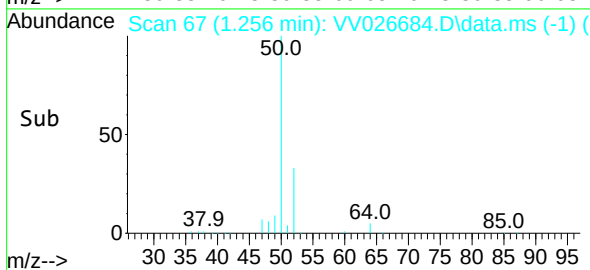
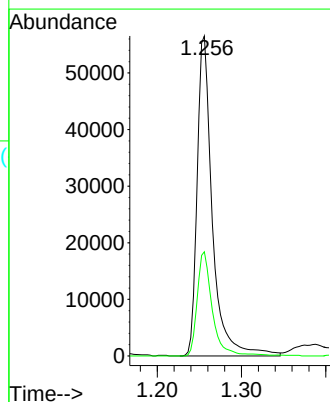
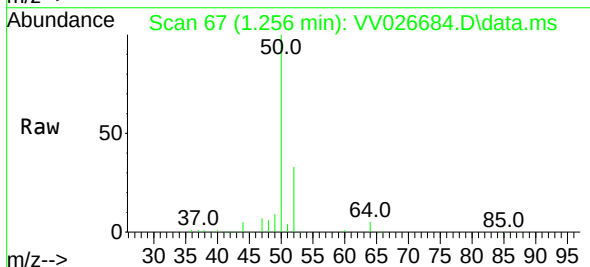
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MS

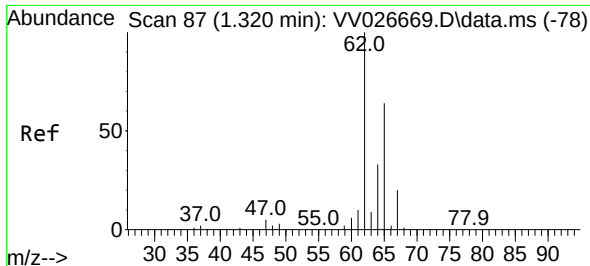
Tgt Ion: 85 Resp: 59231
Ion Ratio Lower Upper
85 100
87 32.1 25.6 38.4



#3
Chloromethane
Concen: 4.621 ug/L
RT: 1.256 min Scan# 67
Delta R.T. 0.006 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

Tgt Ion: 50 Resp: 70994
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.6

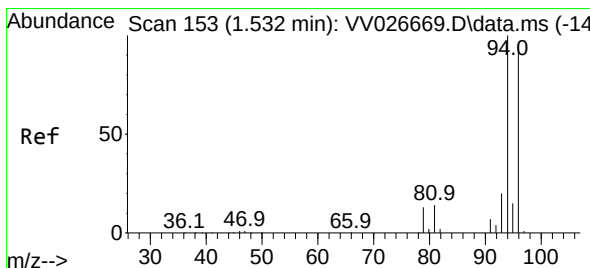
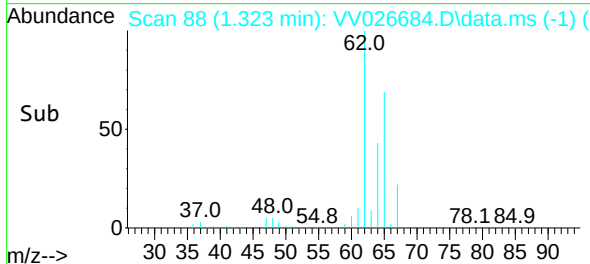
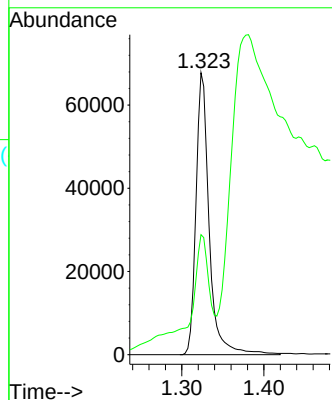
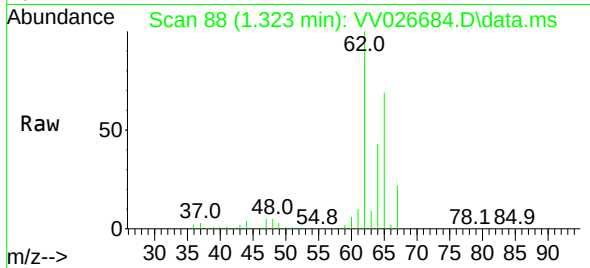




#5
 Vinyl chloride
 Concen: 4.626 ug/L
 RT: 1.323 min Scan# 87
 Delta R.T. 0.003 min
 Lab File: VV026684.D
 Acq: 07 Jul 2022 20:11

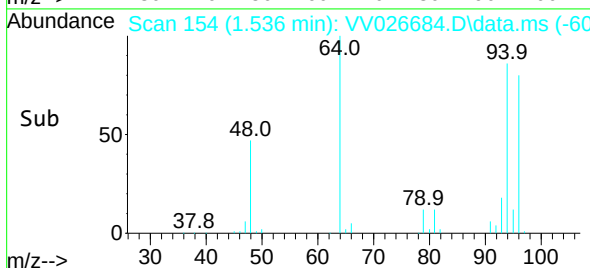
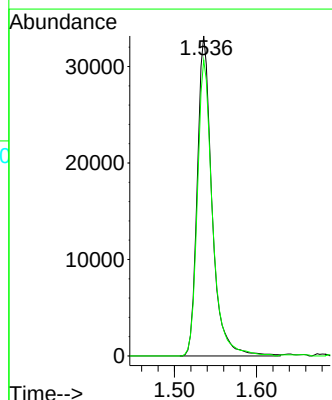
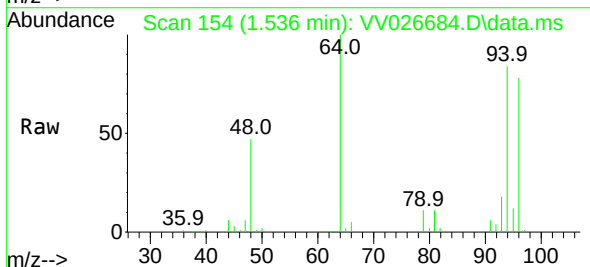
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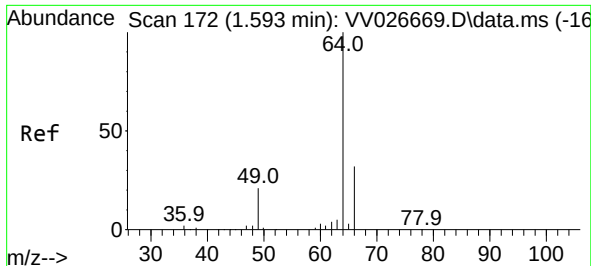
Tgt Ion: 62 Resp: 75675
 Ion Ratio Lower Upper
 62 100
 64 42.5 26.2 48.6



#6
 Bromomethane
 Concen: 4.678 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. 0.003 min
 Lab File: VV026684.D
 Acq: 07 Jul 2022 20:11

Tgt Ion: 94 Resp: 41427
 Ion Ratio Lower Upper
 94 100
 96 92.5 68.0 126.2

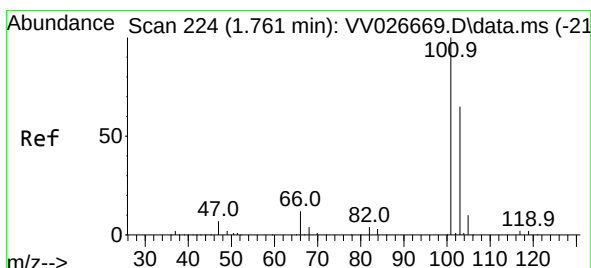
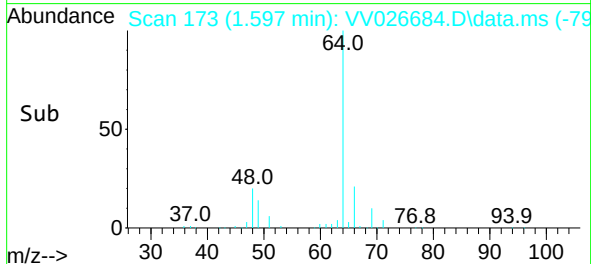
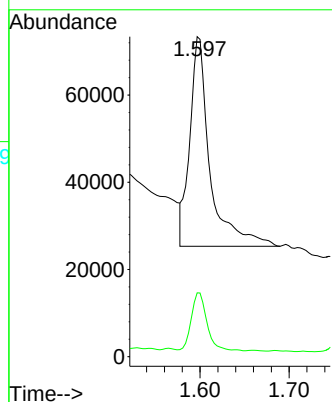
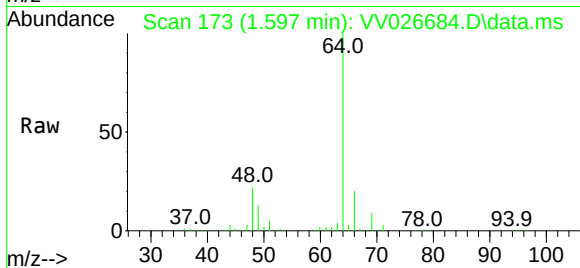




#8
Chloroethane
Concen: 6.794 ug/L
RT: 1.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

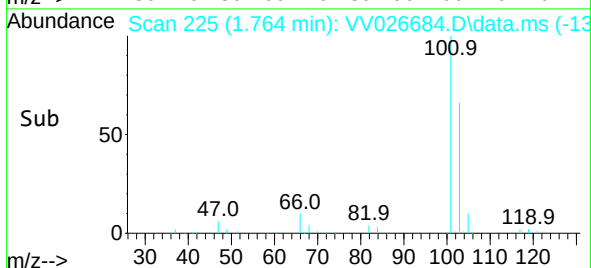
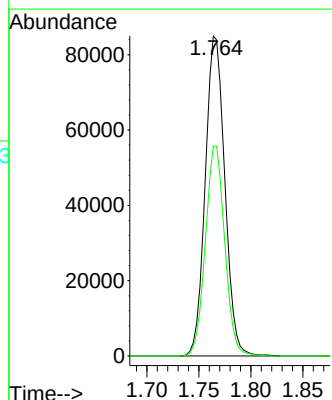
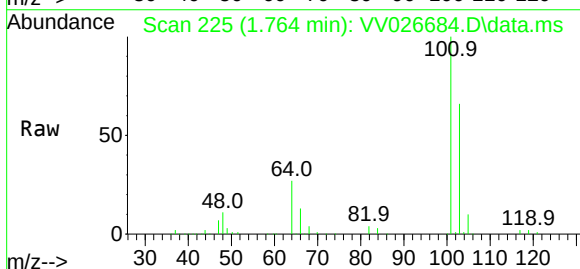
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MSVOA_V
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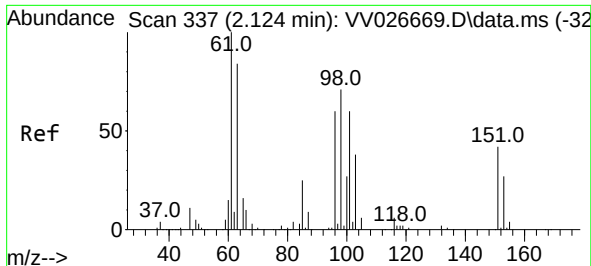
Tgt Ion: 64 Resp: 75590
Ion Ratio Lower Upper
64 100
66 20.0 20.0 37.2#



#9
Trichlorofluoromethane
Concen: 4.872 ug/L
RT: 1.764 min Scan# 225
Delta R.T. 0.003 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

Tgt Ion: 101 Resp: 111138
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

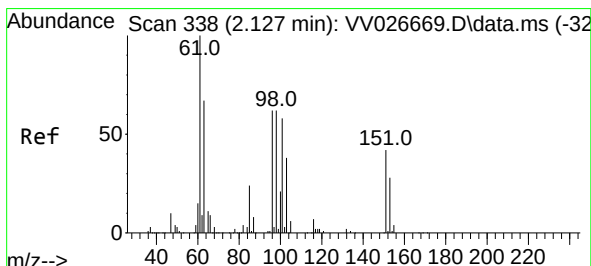
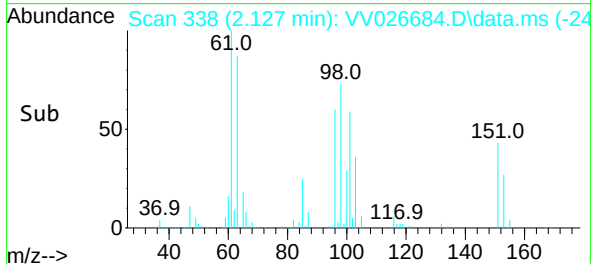
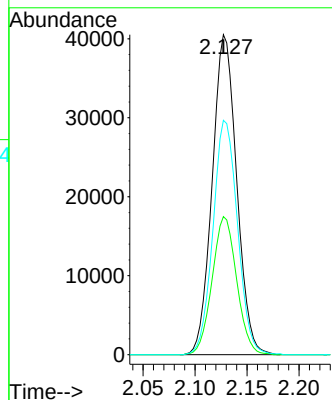
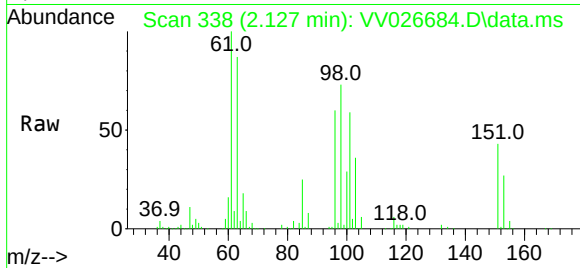




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.915 ug/L
 RT: 2.127 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV026684.D
 Acq: 07 Jul 2022 20:11

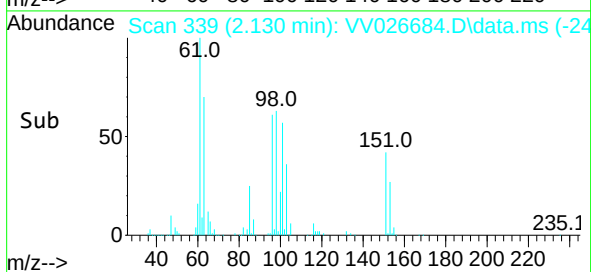
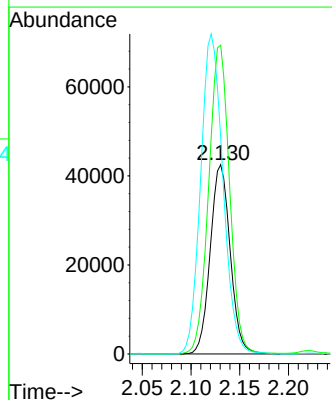
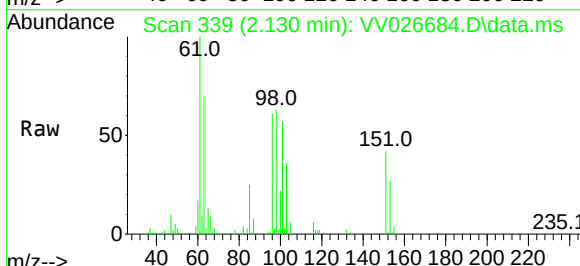
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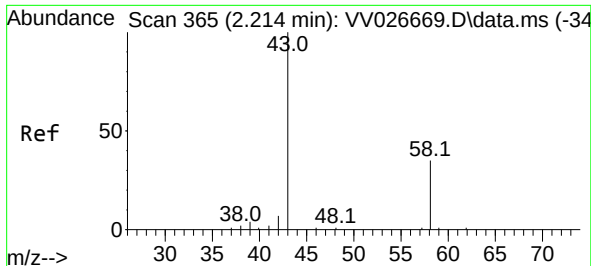
Tgt Ion:101 Resp: 66431
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.2 51.4
 151 73.6 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.869 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. 0.003 min
 Lab File: VV026684.D
 Acq: 07 Jul 2022 20:11

Tgt Ion: 96 Resp: 60666
 Ion Ratio Lower Upper
 96 100
 61 163.2 115.4 214.4
 63 114.7 87.4 162.2





#13

Acetone

Concen: 57.136 ug/L

RT: 2.211 min Scan# 30

Delta R.T. -0.003 min

Lab File: VV026684.D

Acq: 07 Jul 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

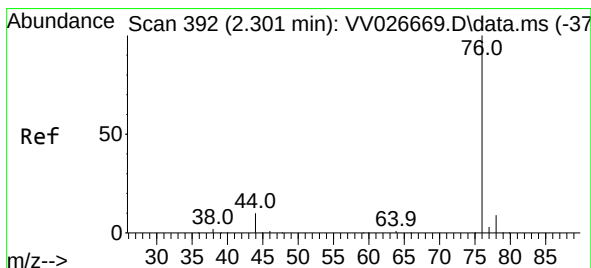
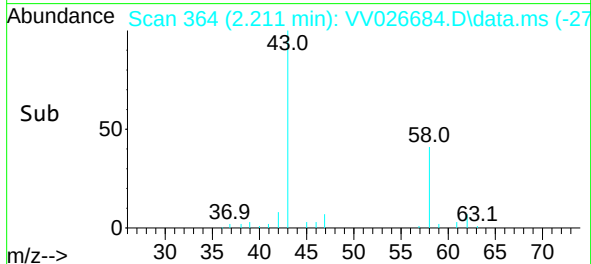
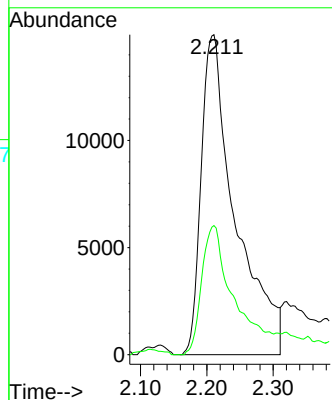
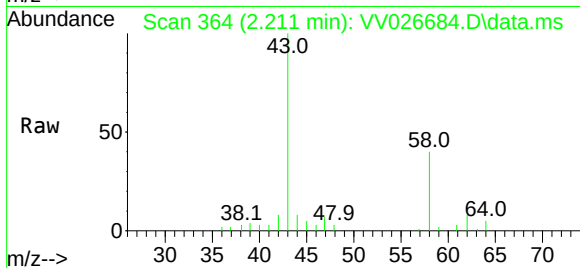
DBUB4MS

Tgt Ion: 43 Resp: 53468

Ion Ratio Lower Upper

43 100

58 38.3 0.0 75.0



#14

Carbon disulfide

Concen: 4.742 ug/L

RT: 2.304 min Scan# 393

Delta R.T. 0.003 min

Lab File: VV026684.D

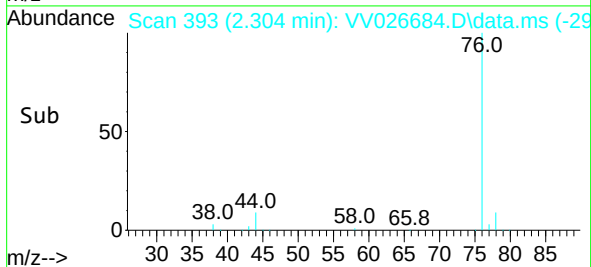
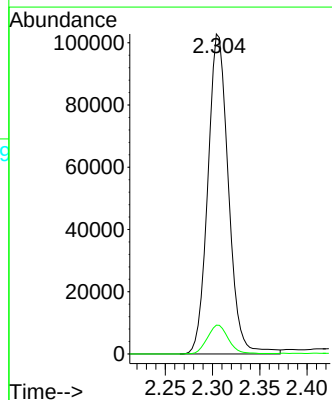
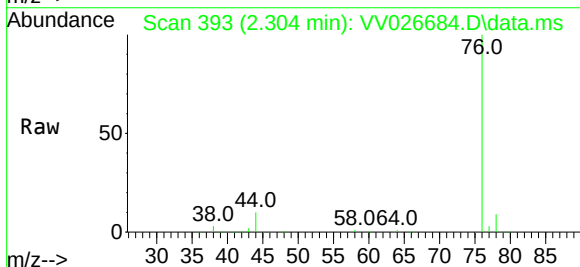
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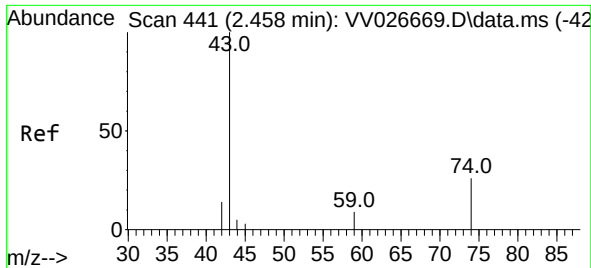
Tgt Ion: 76 Resp: 155890

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.6

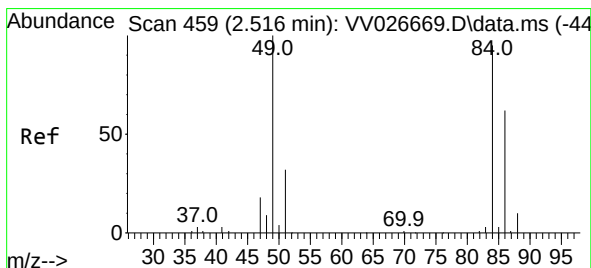
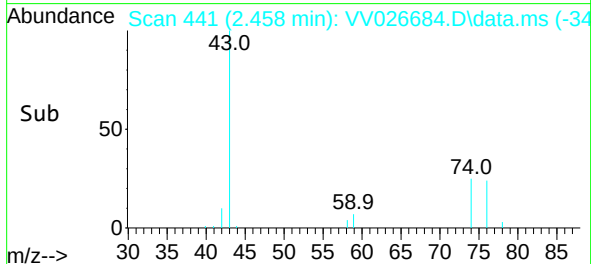
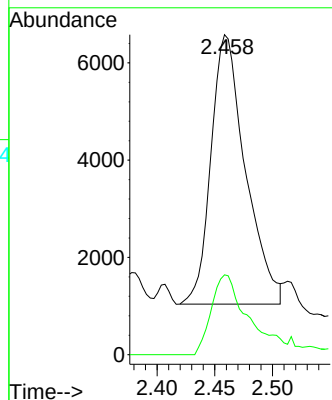
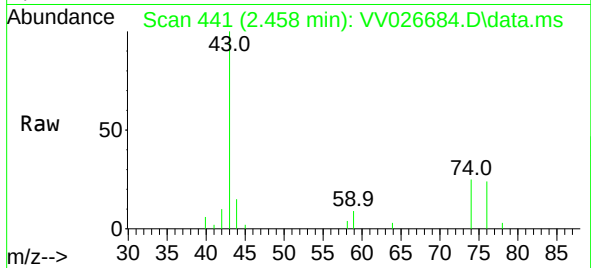




#15
Methyl Acetate
Concen: 4.262 ug/L
RT: 2.458 min Scan# 441
Delta R.T. -0.000 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

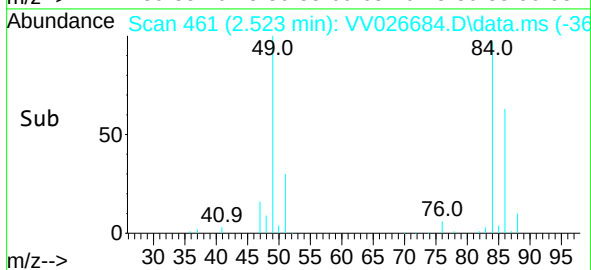
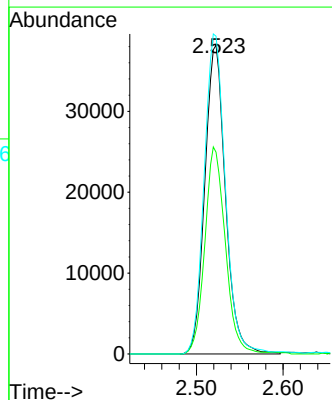
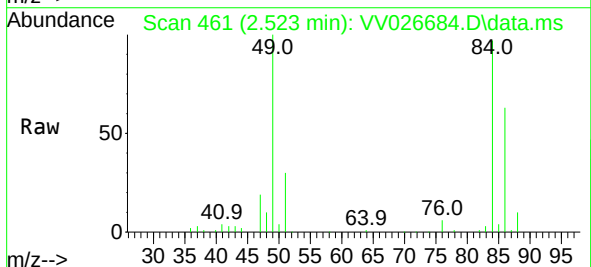
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MS

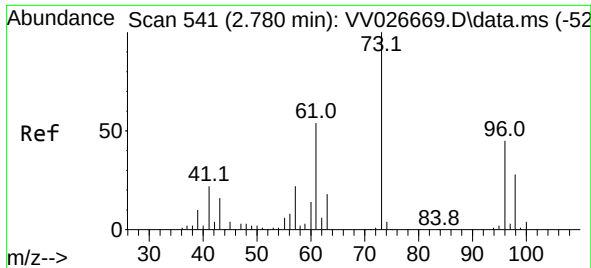
Tgt Ion: 43 Resp: 11500
Ion Ratio Lower Upper
43 100
74 32.0 22.1 33.1



#16
Methylene chloride
Concen: 4.786 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.006 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

Tgt Ion: 84 Resp: 63308
Ion Ratio Lower Upper
84 100
86 65.3 46.0 85.4
49 102.9 77.7 144.3

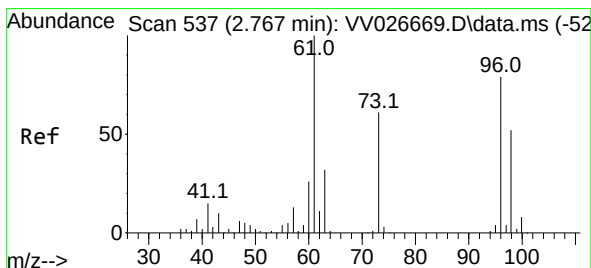
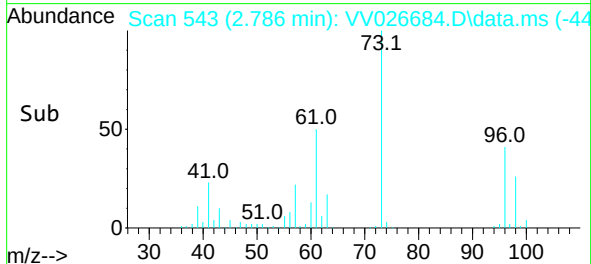
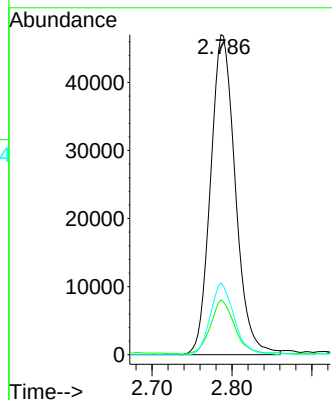
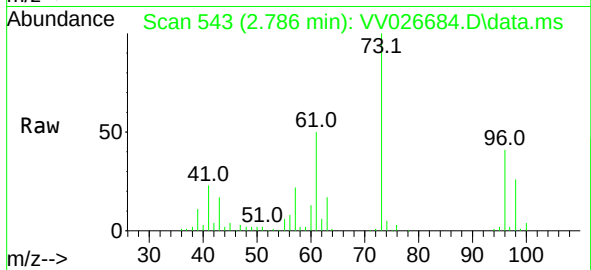




#17
Methyl tert-butyl Ether
Concen: 4.984 ug/L
RT: 2.786 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

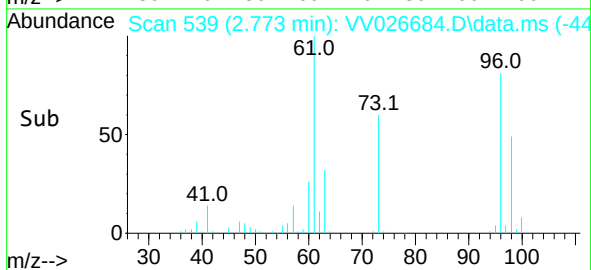
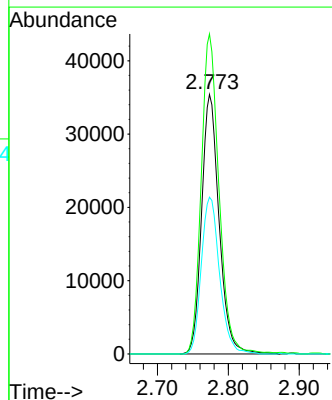
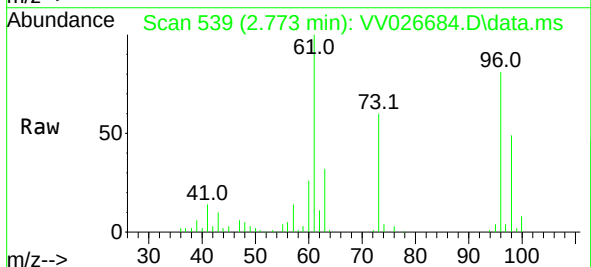
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MS

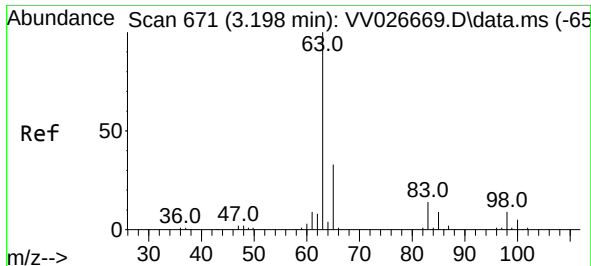
Tgt Ion: 73 Resp: 101233
Ion Ratio Lower Upper
73 100
43 16.3 13.3 19.9
57 21.4 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.770 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

Tgt Ion: 96 Resp: 60643
Ion Ratio Lower Upper
96 100
61 123.3 90.4 167.8
98 60.4 45.6 84.8





#19

1,1-Dichloroethane

Concen: 5.015 ug/L

RT: 3.204 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV026684.D

Acq: 07 Jul 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

DBUB4MS

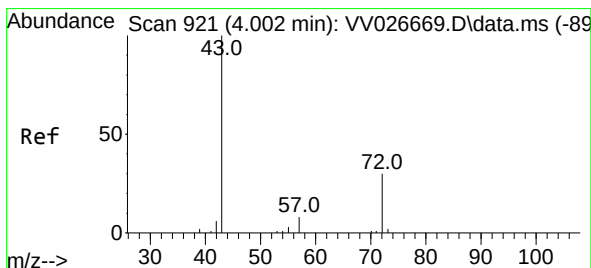
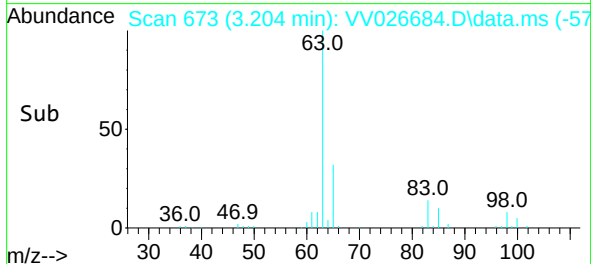
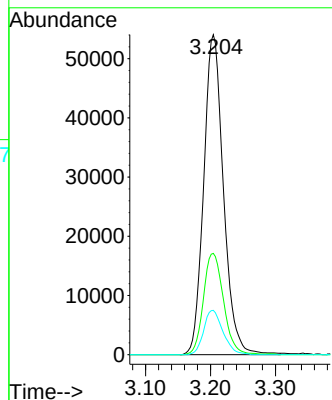
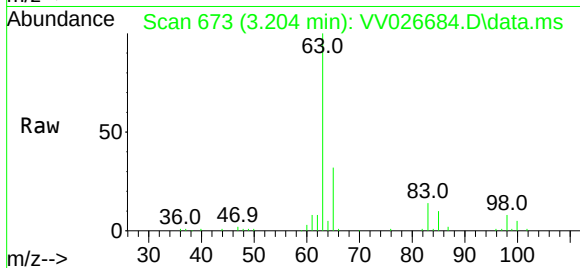
Tgt Ion: 63 Resp: 114492

Ion Ratio Lower Upper

63 100

65 31.6 23.0 42.6

83 13.9 10.2 19.0



#21

2-Butanone

Concen: 50.647 ug/L

RT: 4.005 min Scan# 922

Delta R.T. 0.003 min

Lab File: VV026684.D

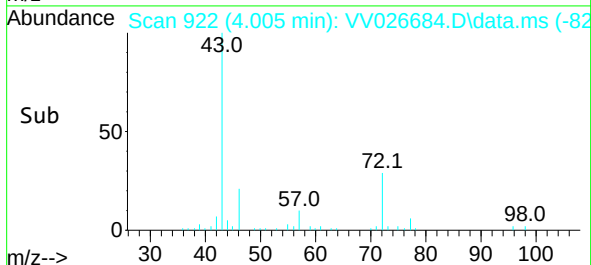
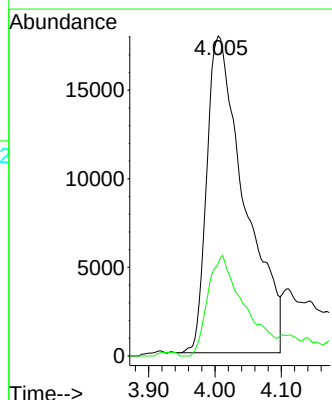
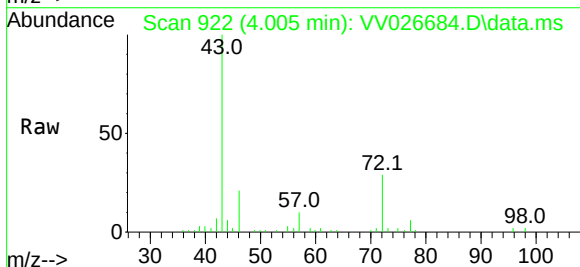
Acq: 07 Jul 2022 20:11

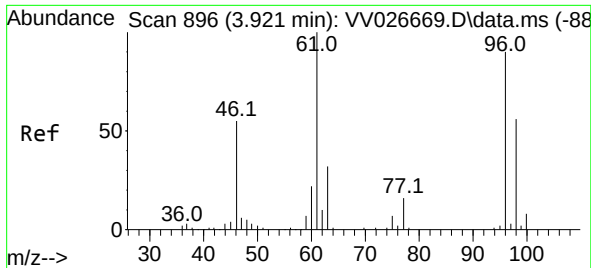
Tgt Ion: 43 Resp: 71301

Ion Ratio Lower Upper

43 100

72 30.5 13.5 40.5



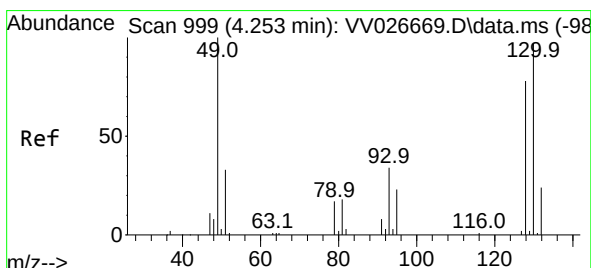
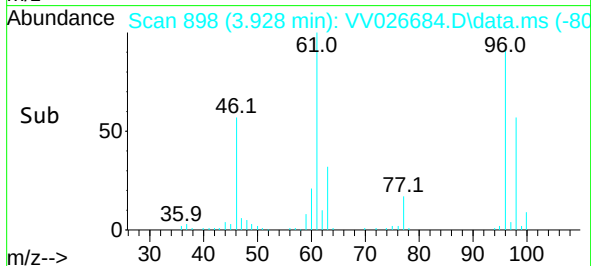
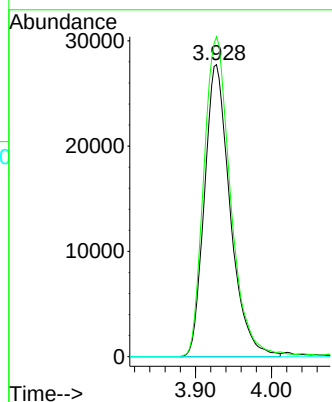
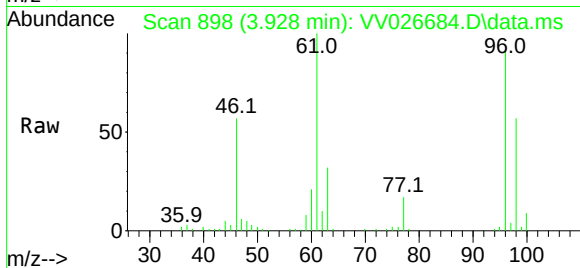


#22
 cis-1,2-Dichloroethene
 Concen: 5.169 ug/L
 RT: 3.928 min Scan# 896
 Delta R.T. 0.006 min
 Lab File: VV026684.D
 Acq: 07 Jul 2022 20:11

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB4MS

Tgt Ion: 96 Resp: 65258

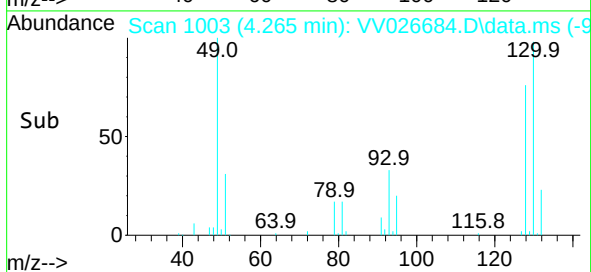
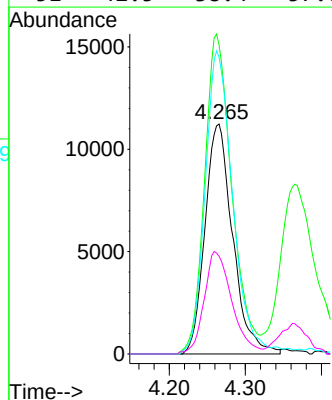
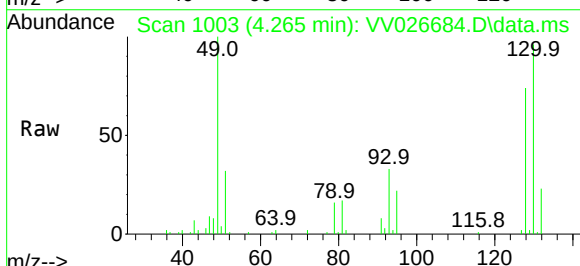
Ion	Ratio	Lower	Upper
96	100		
61	109.6	82.0	152.2
68	0.0	0.0	0.0

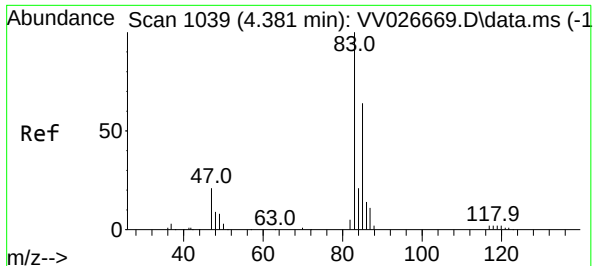


#23
 Bromochloromethane
 Concen: 5.469 ug/L
 RT: 4.265 min Scan# 1003
 Delta R.T. 0.013 min
 Lab File: VV026684.D
 Acq: 07 Jul 2022 20:11

Tgt Ion: 128 Resp: 28432

Ion	Ratio	Lower	Upper
128	100		
49	134.4	104.0	193.1
130	129.0	93.4	173.6
51	42.5	38.4	57.6





#25

Chloroform

Concen: 5.060 ug/L

RT: 4.388 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VV026684.D

Acq: 07 Jul 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

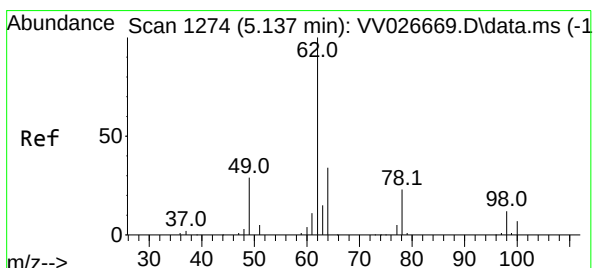
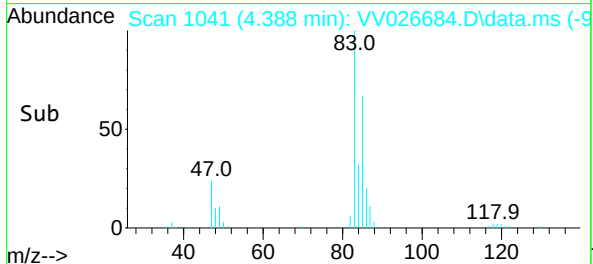
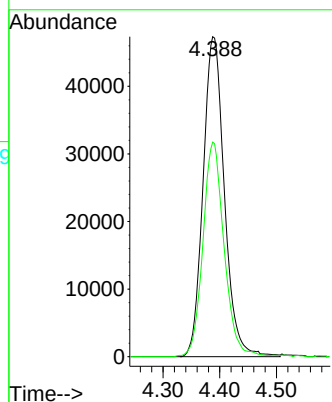
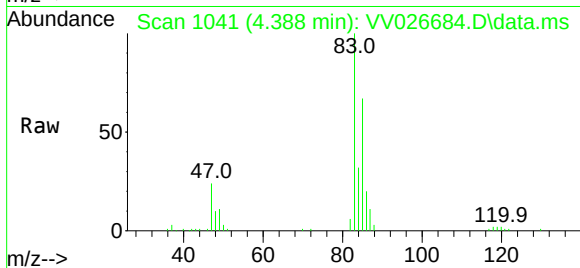
DBUB4MS

Tgt Ion: 83 Resp: 123566

Ion Ratio Lower Upper

83 100

85 67.0 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.110 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.006 min

Lab File: VV026684.D

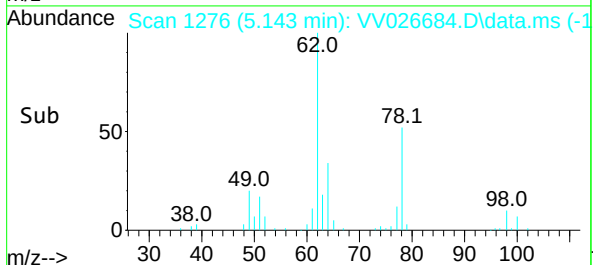
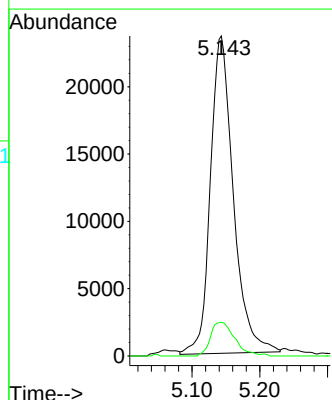
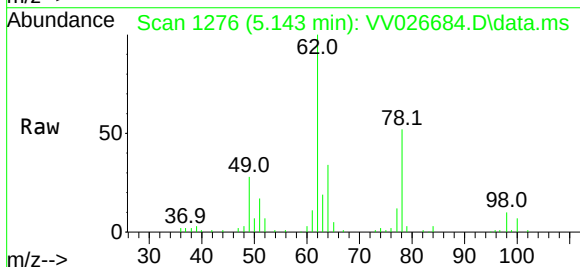
Acq: 07 Jul 2022 20:11

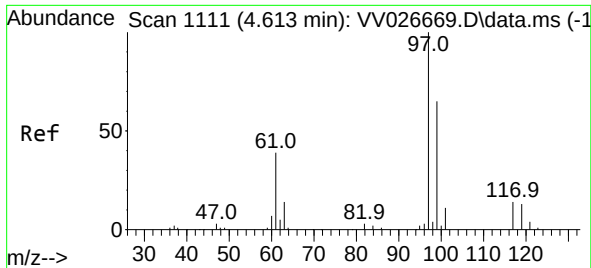
Tgt Ion: 62 Resp: 55544

Ion Ratio Lower Upper

62 100

98 10.5 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.010 ug/L

RT: 4.619 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV026684.D

Acq: 07 Jul 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

DBUB4MS

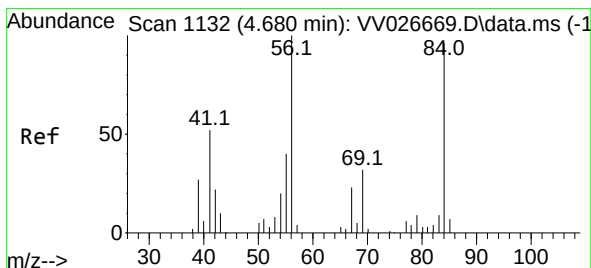
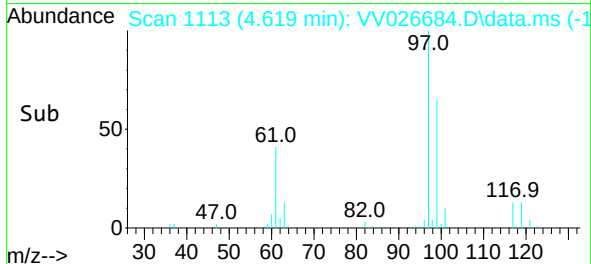
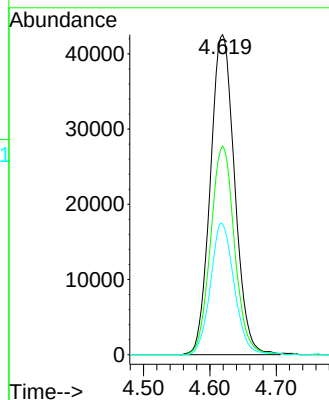
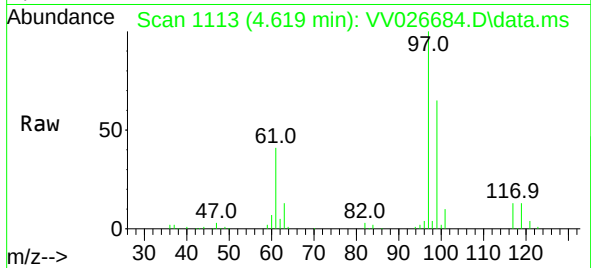
Tgt Ion: 97 Resp: 108297

Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 39.9 33.0 49.4



#30

Cyclohexane

Concen: 4.014 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. 0.010 min

Lab File: VV026684.D

Acq: 07 Jul 2022 20:11

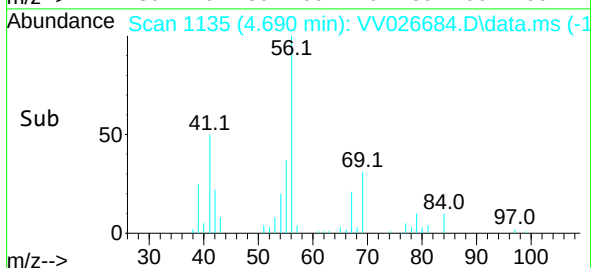
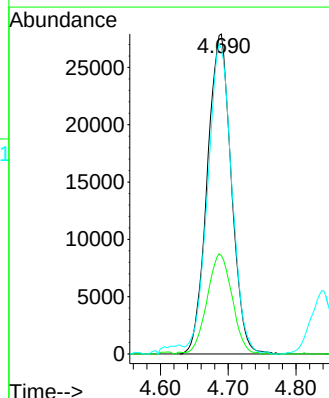
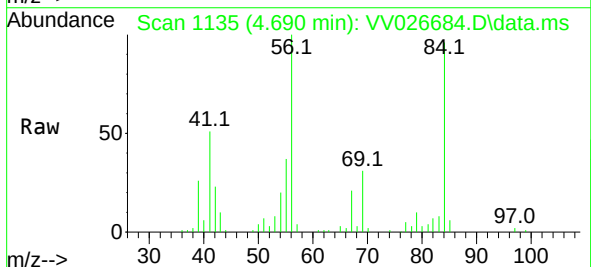
Tgt Ion: 56 Resp: 68699

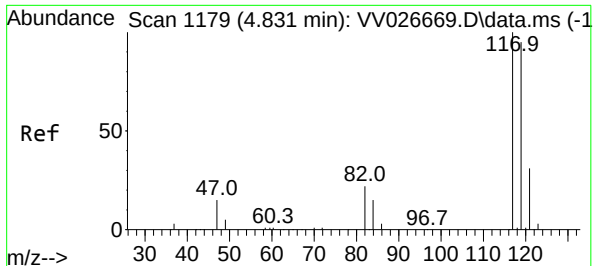
Ion Ratio Lower Upper

56 100

69 32.5 25.4 38.2

84 96.4 77.8 116.6

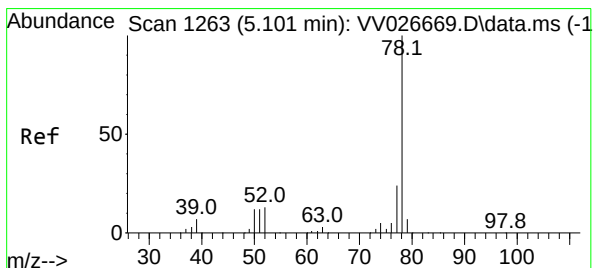
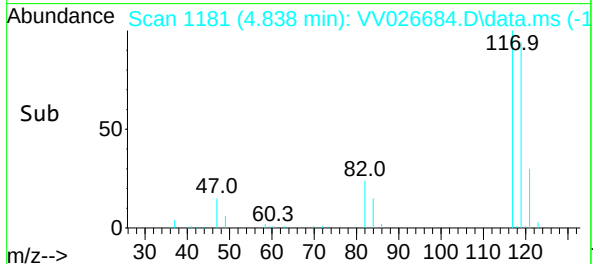
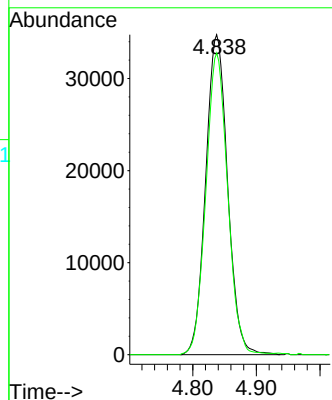
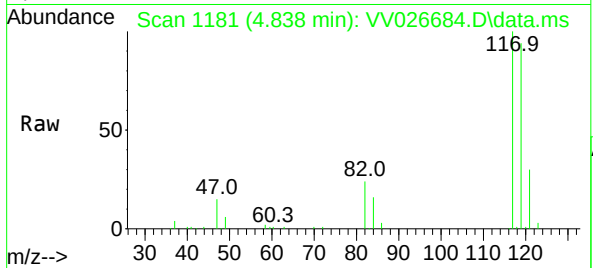




#31
Carbon tetrachloride
Concen: 4.588 ug/L
RT: 4.838 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

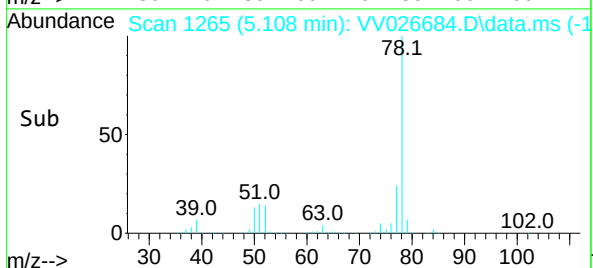
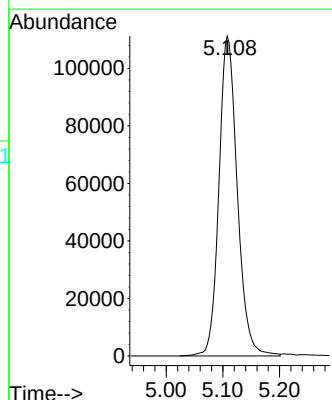
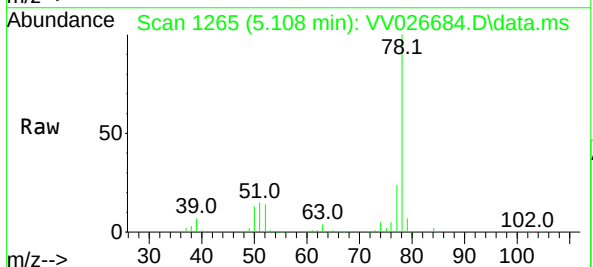
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MS

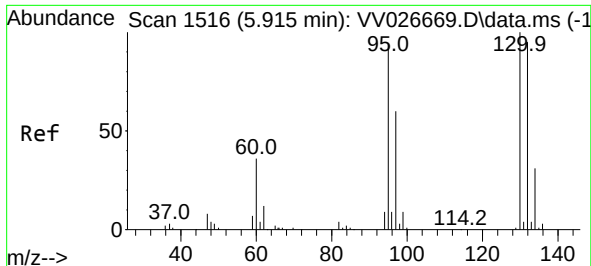
Tgt Ion:117 Resp: 83187
Ion Ratio Lower Upper
117 100
119 93.6 76.9 115.3



#33
Benzene
Concen: 4.878 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

Tgt Ion: 78 Resp: 250219

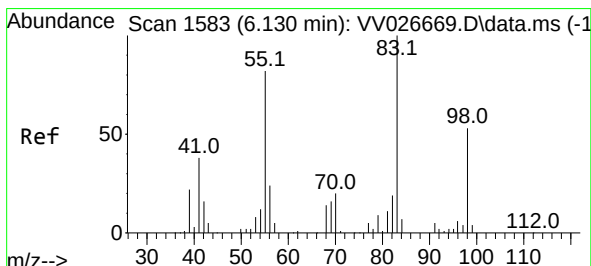
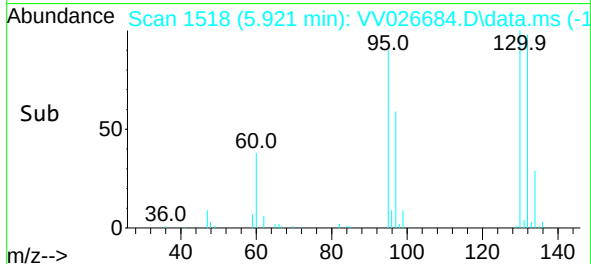
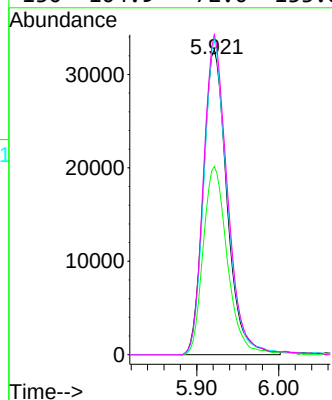
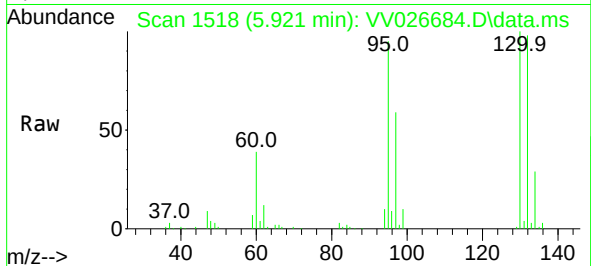




#34
Trichloroethene
Concen: 4.851 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

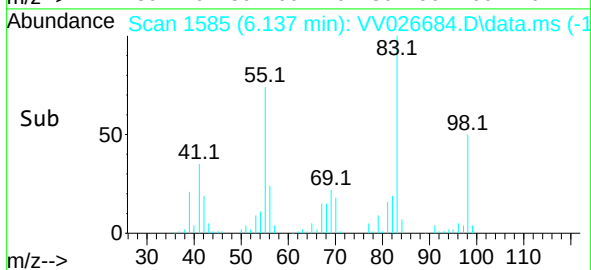
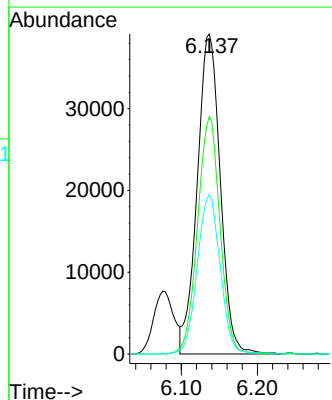
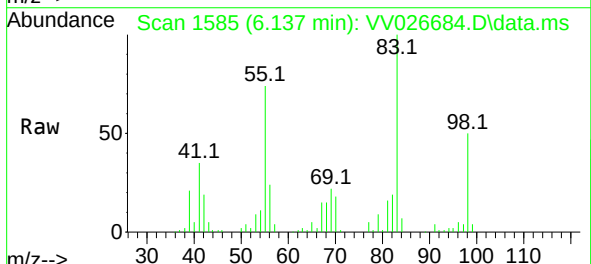
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MS

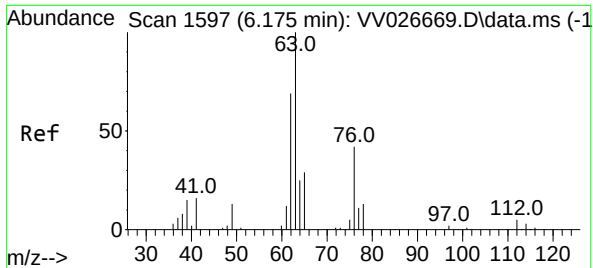
Tgt Ion: 95 Resp: 65414
Ion Ratio Lower Upper
95 100
97 61.7 46.8 87.0
132 103.1 69.9 129.7
130 104.9 72.0 133.8



#35
Methylcyclohexane
Concen: 4.132 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

Tgt Ion: 83 Resp: 82427
Ion Ratio Lower Upper
83 100
55 72.0 57.0 85.4
98 49.4 39.8 59.8





#37

1,2-Dichloropropane

Concen: 5.054 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026684.D

Acq: 07 Jul 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

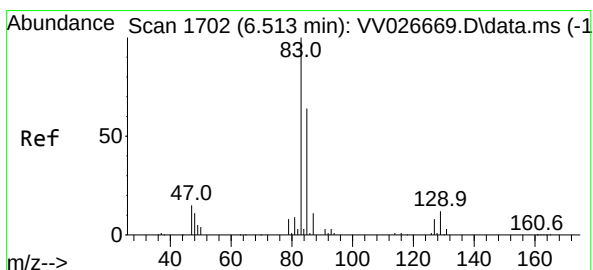
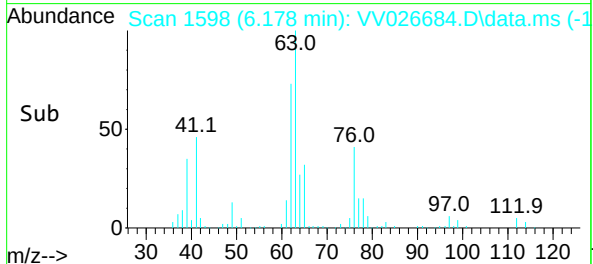
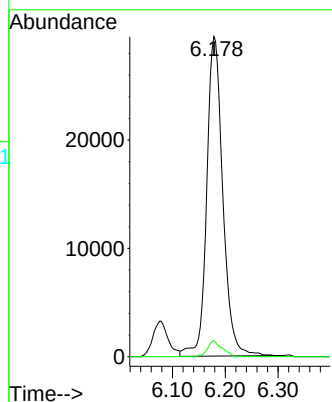
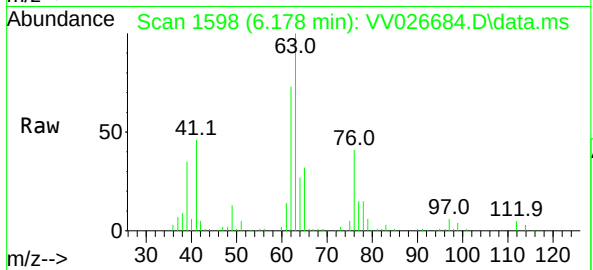
DBUB4MS

Tgt Ion: 63 Resp: 62481

Ion Ratio Lower Upper

63 100

112 4.5 4.2 6.4



#38

Bromodichloromethane

Concen: 5.080 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VV026684.D

Acq: 07 Jul 2022 20:11

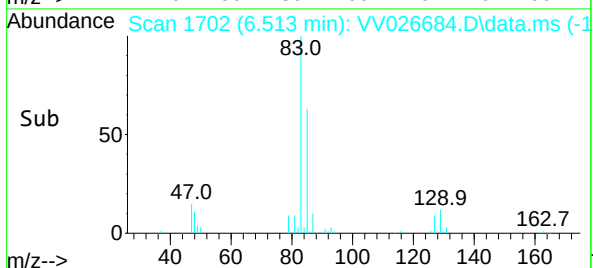
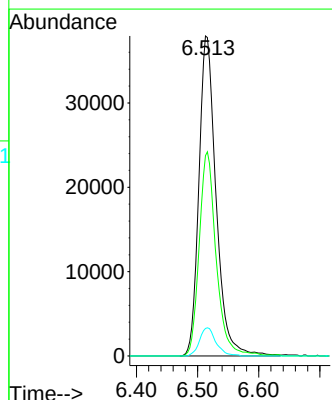
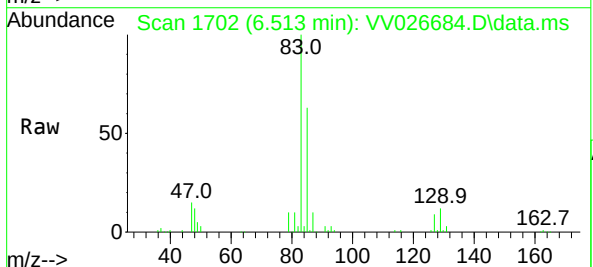
Tgt Ion: 83 Resp: 74141

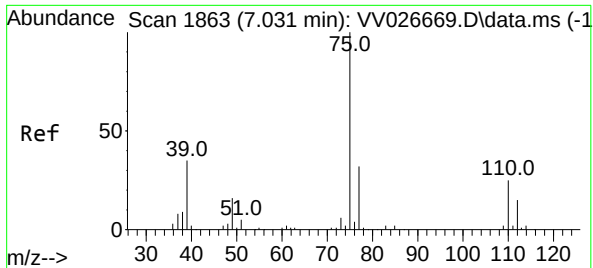
Ion Ratio Lower Upper

83 100

85 62.6 44.0 81.8

127 8.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.052 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026684.D

Acq: 07 Jul 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

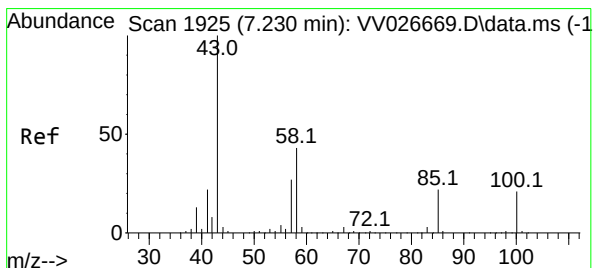
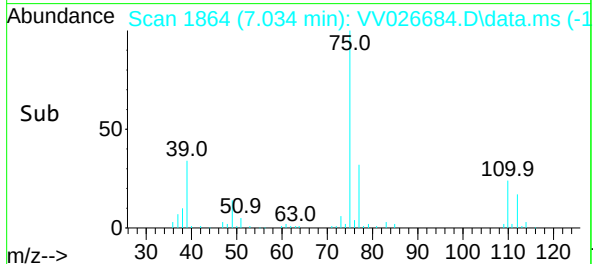
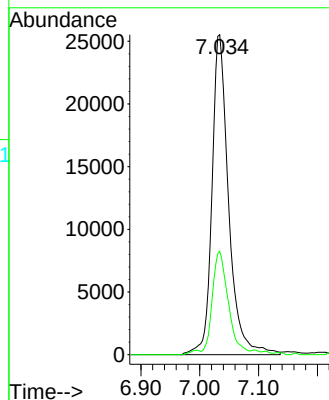
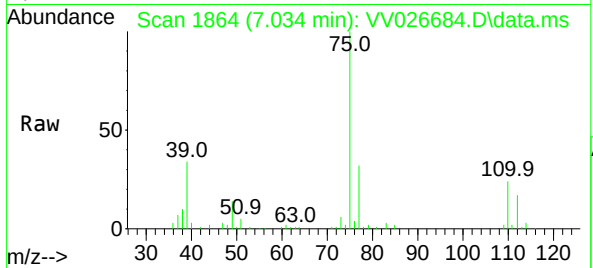
DBUB4MS

Tgt Ion: 75 Resp: 50345

Ion Ratio Lower Upper

75 100

77 32.3 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 57.926 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV026684.D

Acq: 07 Jul 2022 20:11

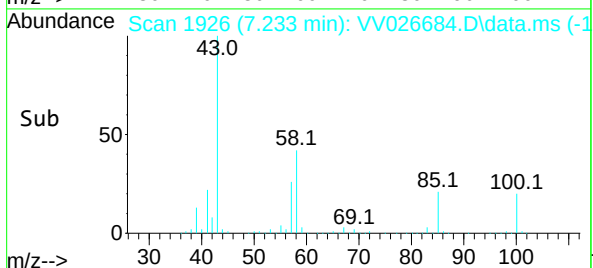
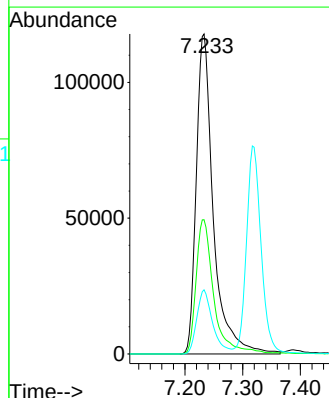
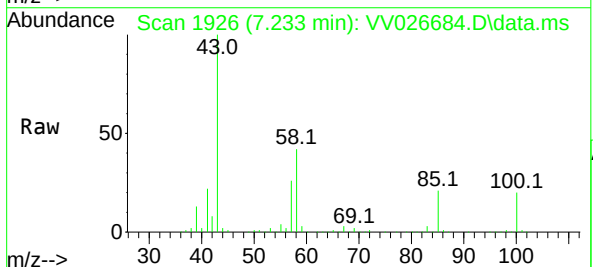
Tgt Ion: 43 Resp: 241883

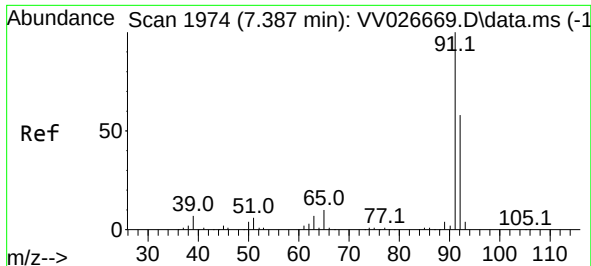
Ion Ratio Lower Upper

43 100

58 43.4 33.3 49.9

100 18.7 14.3 21.5





#42

Toluene

Concen: 5.096 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV026684.D

Acq: 07 Jul 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

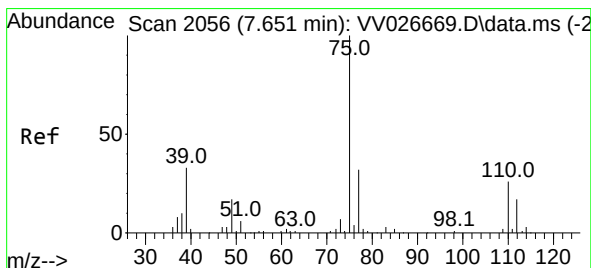
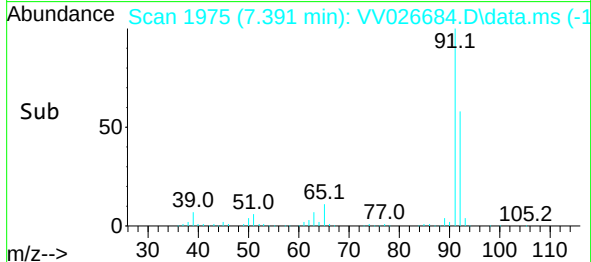
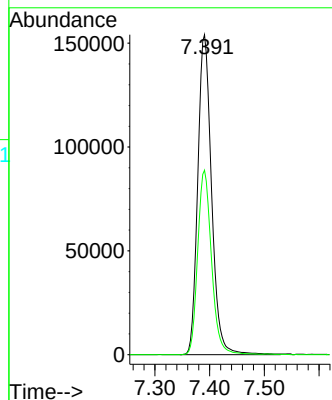
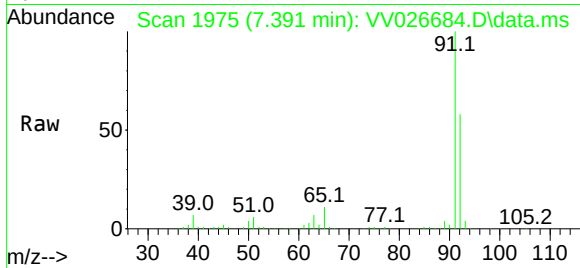
DBUB4MS

Tgt Ion: 91 Resp: 269840

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.125 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV026684.D

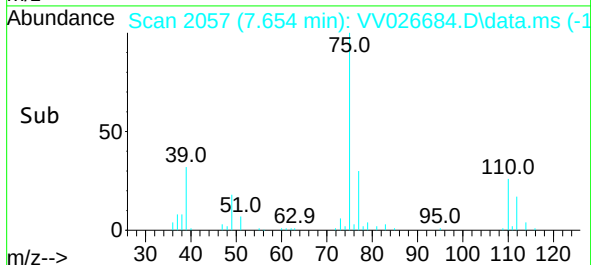
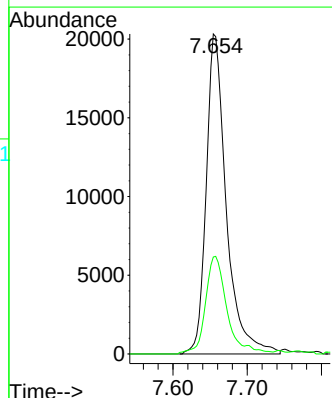
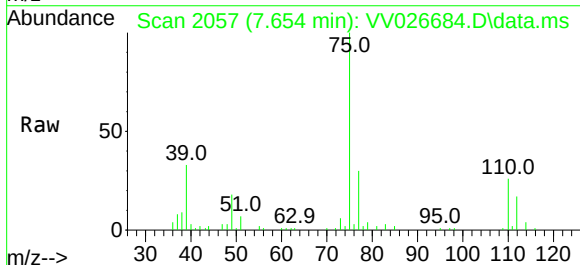
Acq: 07 Jul 2022 20:11

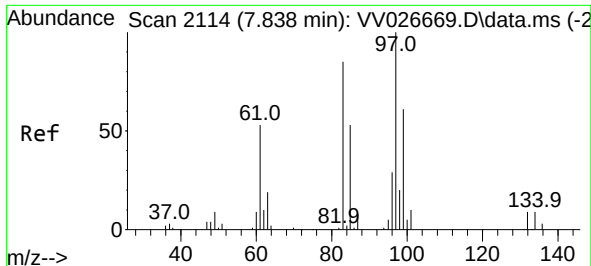
Tgt Ion: 75 Resp: 38126

Ion Ratio Lower Upper

75 100

77 30.3 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 5.752 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV026684.D

Acq: 07 Jul 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

DBUB4MS

Tgt Ion: 97 Resp: 44844

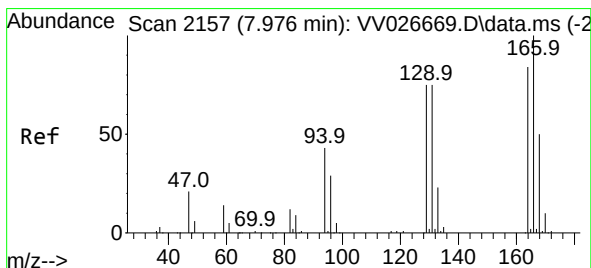
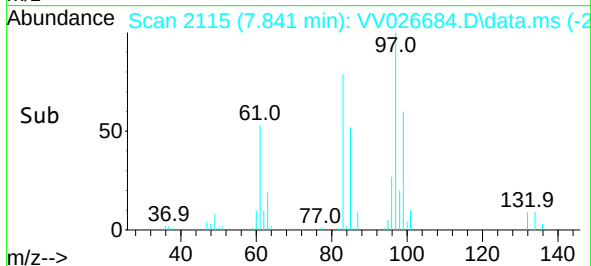
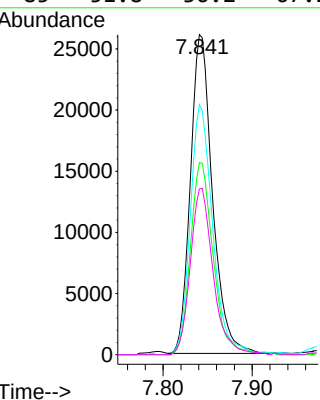
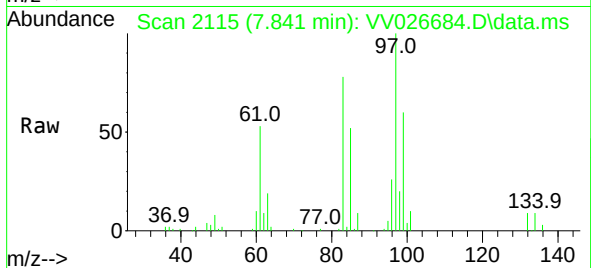
Ion Ratio Lower Upper

97 100

99 60.0 43.4 80.6

83 78.2 58.0 107.8

85 51.8 36.2 67.2



#47

Tetrachloroethene

Concen: 4.885 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV026684.D

Acq: 07 Jul 2022 20:11

Tgt Ion: 164 Resp: 52447

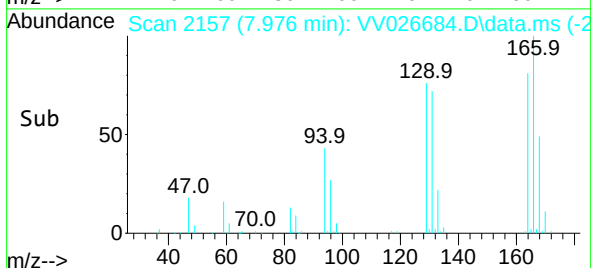
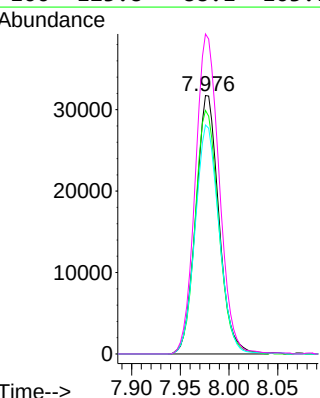
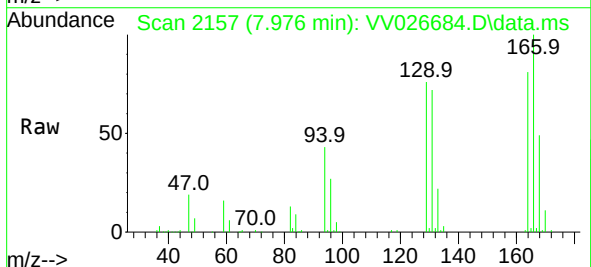
Ion Ratio Lower Upper

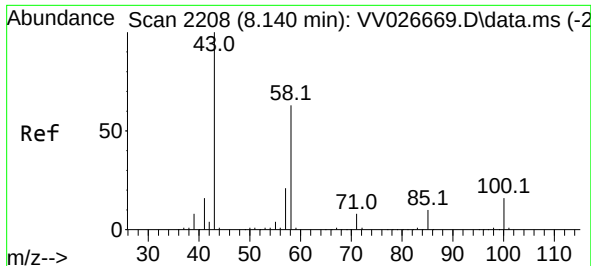
164 100

129 94.2 66.4 123.2

131 88.6 64.4 119.6

166 123.8 88.1 163.7

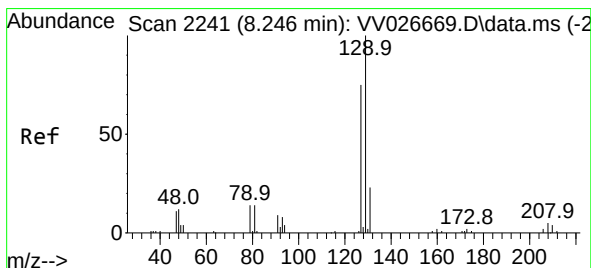
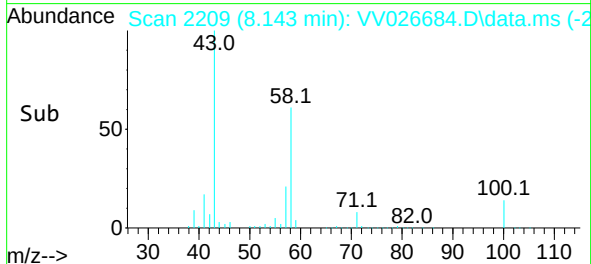
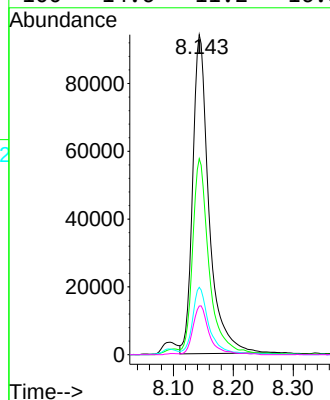
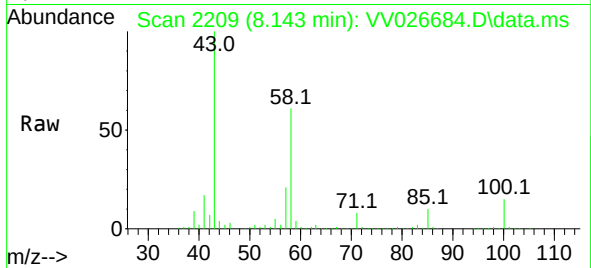




#48
2-Hexanone
Concen: 61.403 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

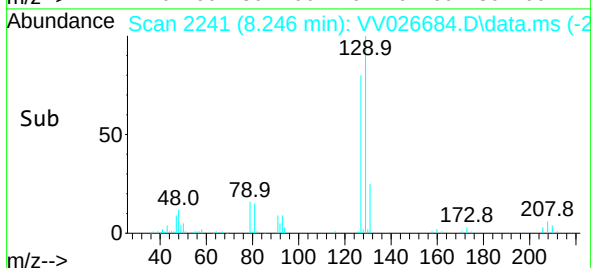
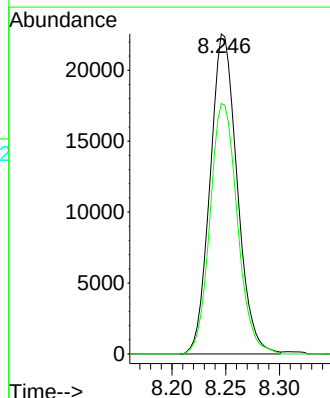
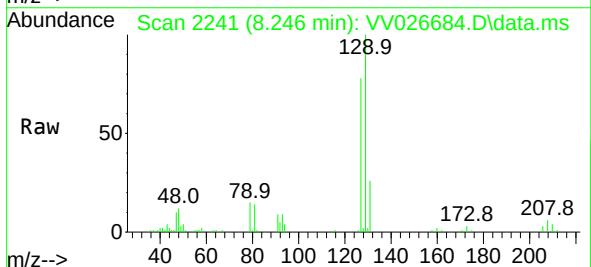
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MS

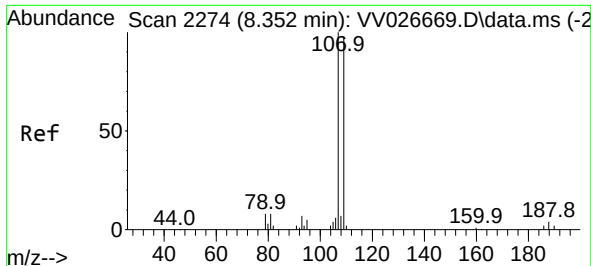
Tgt Ion: 43 Resp: 178482
Ion Ratio Lower Upper
43 100
58 61.0 47.8 71.6
57 20.7 15.0 22.6
100 14.6 11.2 16.8



#49
Dibromochloromethane
Concen: 5.003 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

Tgt Ion: 129 Resp: 39492
Ion Ratio Lower Upper
129 100
127 78.3 54.2 100.6





#50

1,2-Dibromoethane

Concen: 5.573 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026684.D

Acq: 07 Jul 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

DBUB4MS

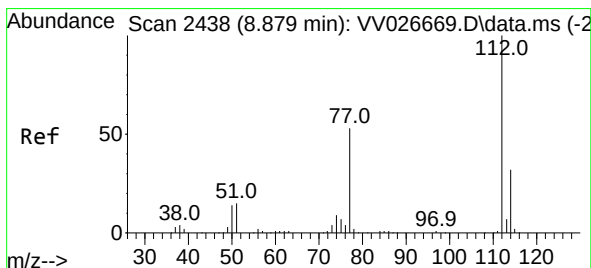
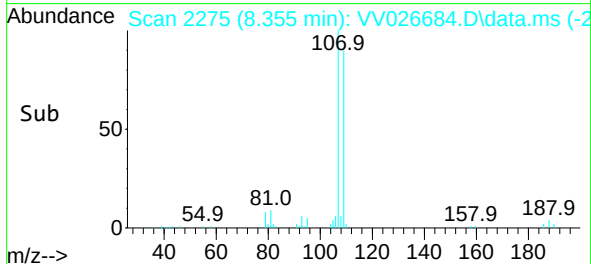
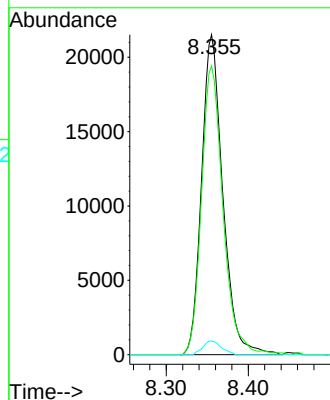
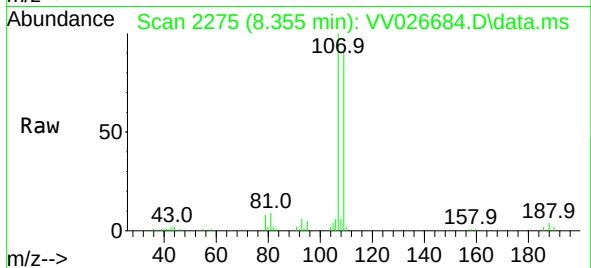
Tgt Ion:107 Resp: 38628

Ion Ratio Lower Upper

107 100

109 90.2 67.8 125.8

188 4.2 3.2 4.8



#51

Chlorobenzene

Concen: 4.921 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026684.D

Acq: 07 Jul 2022 20:11

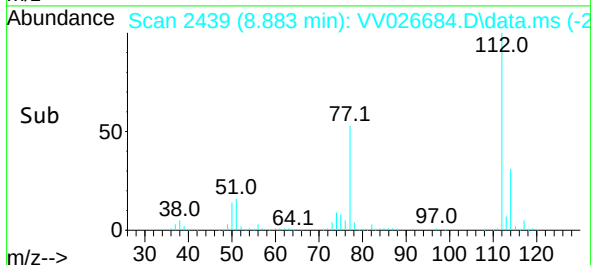
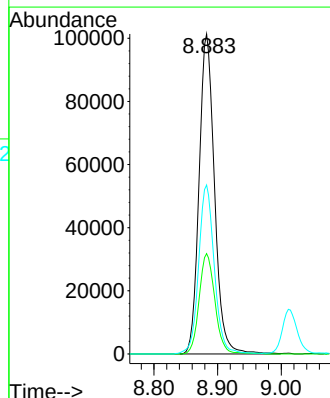
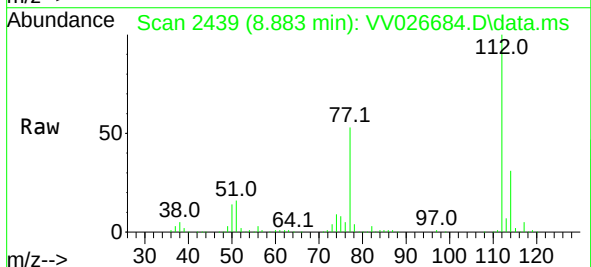
Tgt Ion:112 Resp: 170688

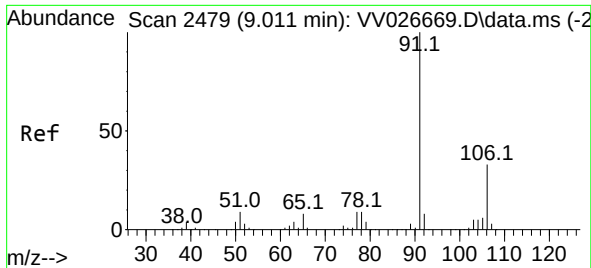
Ion Ratio Lower Upper

112 100

114 31.4 22.3 41.5

77 52.8 44.4 66.6

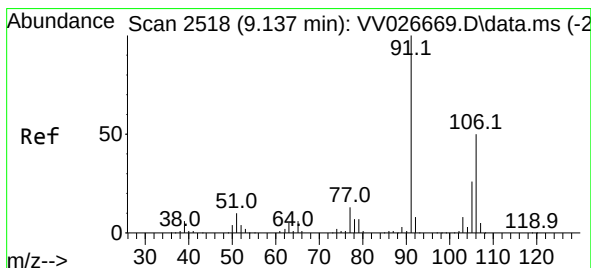
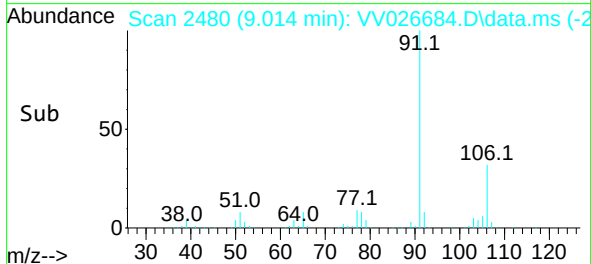
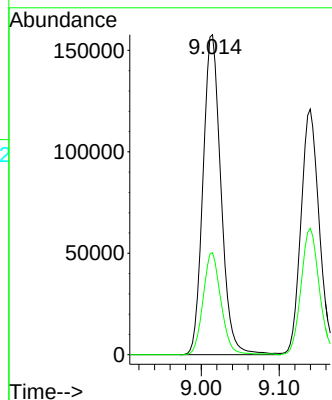
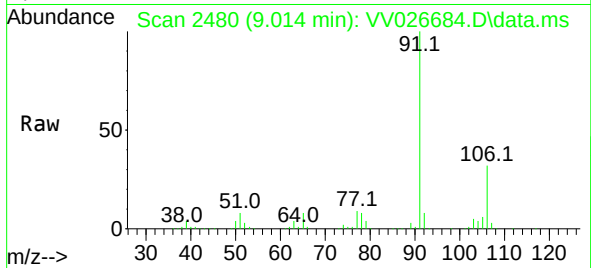




#52
Ethylbenzene
Concen: 4.611 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

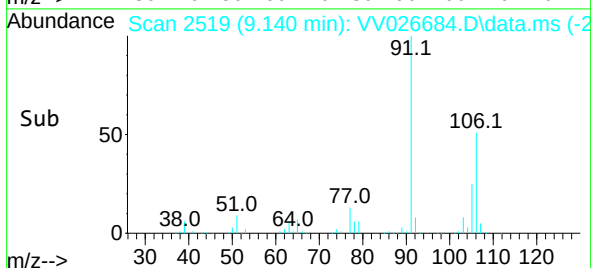
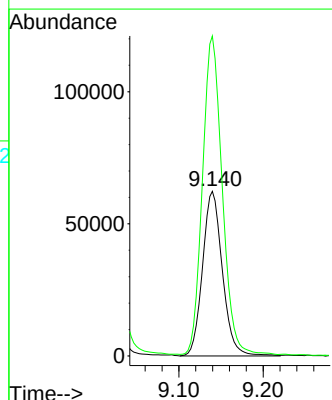
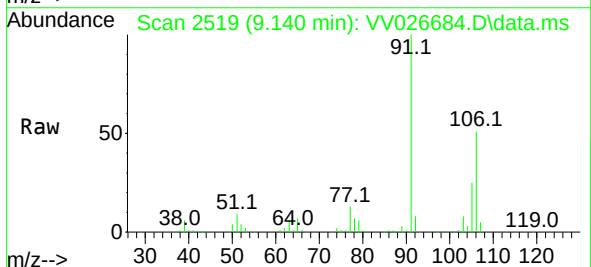
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MS

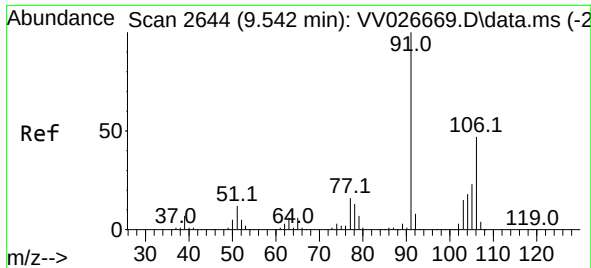
Tgt Ion: 91 Resp: 252489
Ion Ratio Lower Upper
91 100
106 31.9 22.1 41.1



#53
m,p-Xylene
Concen: 4.789 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

Tgt Ion: 106 Resp: 102303
Ion Ratio Lower Upper
106 100
91 194.3 139.9 259.9

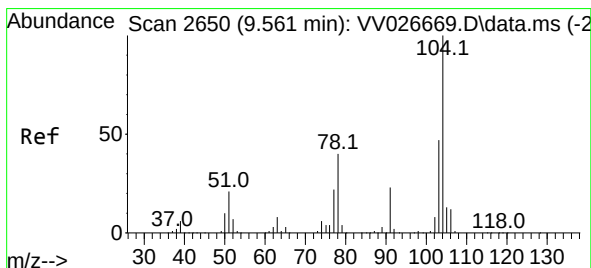
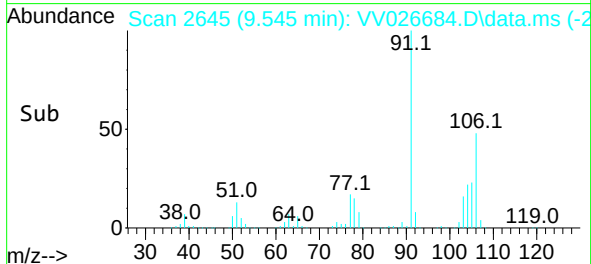
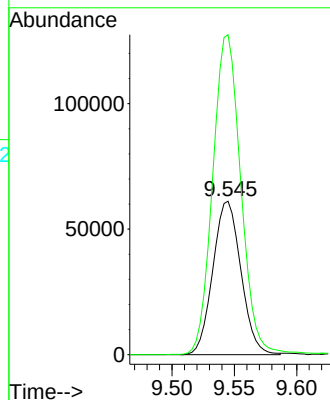
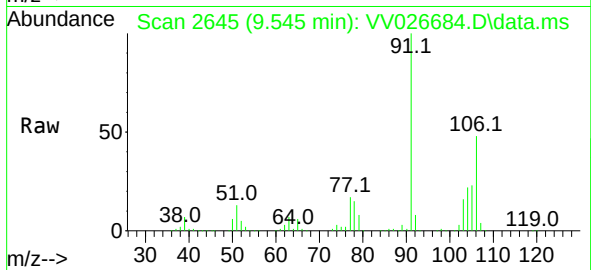




#54
o-Xylene
Concen: 4.784 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

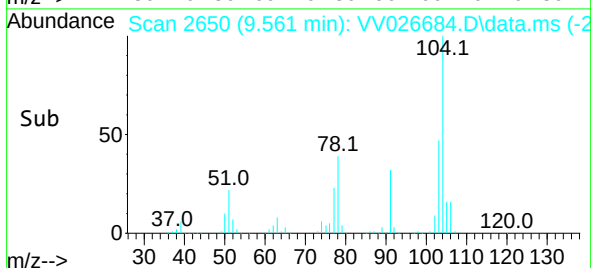
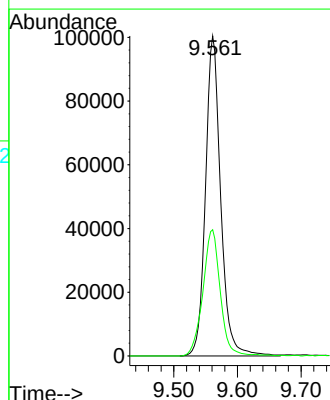
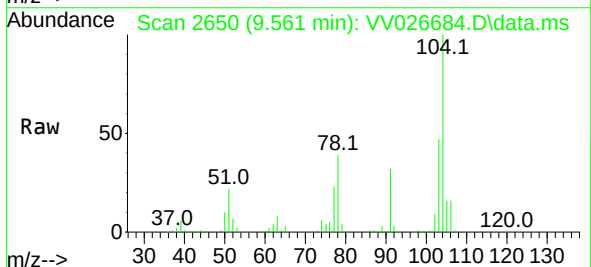
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MS

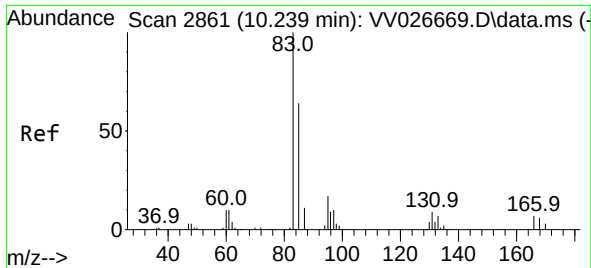
Tgt Ion:106 Resp: 95928
Ion Ratio Lower Upper
106 100
91 208.6 147.5 273.9



#55
Styrene
Concen: 5.023 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

Tgt Ion:104 Resp: 166815
Ion Ratio Lower Upper
104 100
78 39.5 28.4 52.8

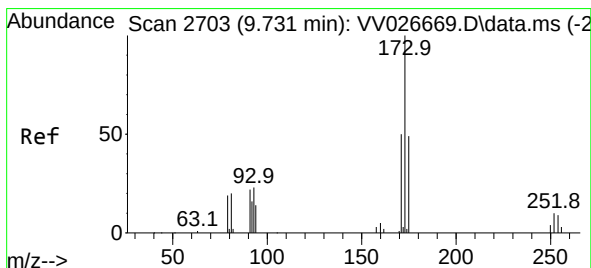
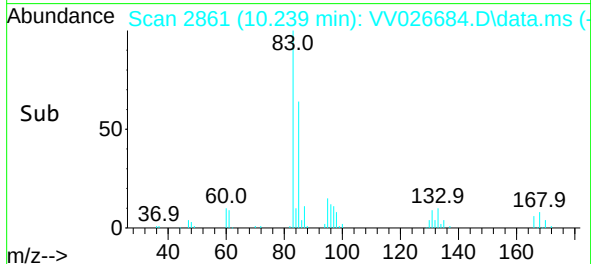
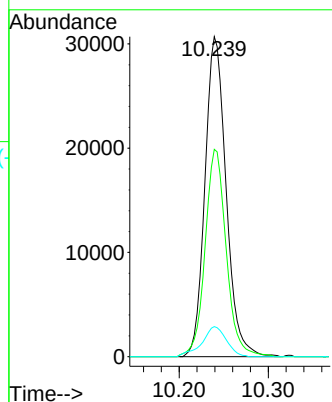
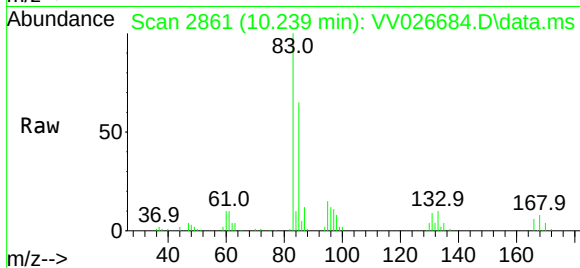




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.817 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV026684.D
 Acq: 07 Jul 2022 20:11

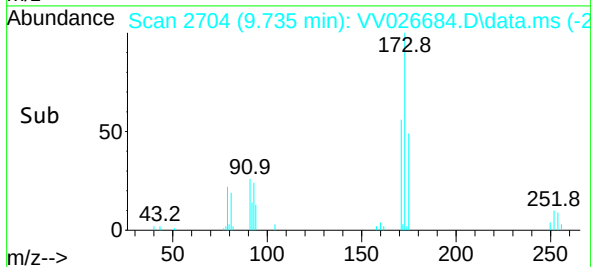
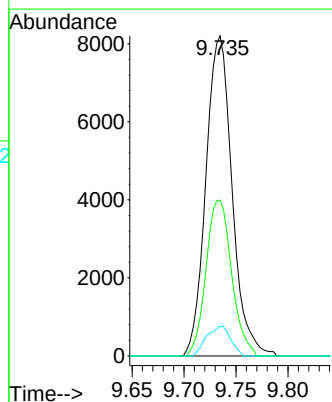
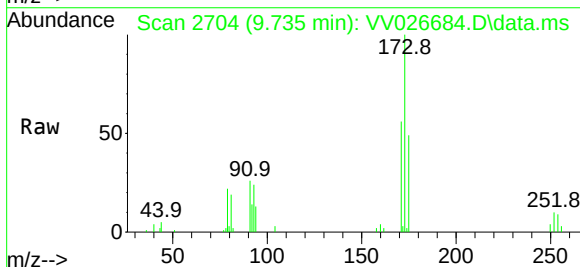
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB4MS

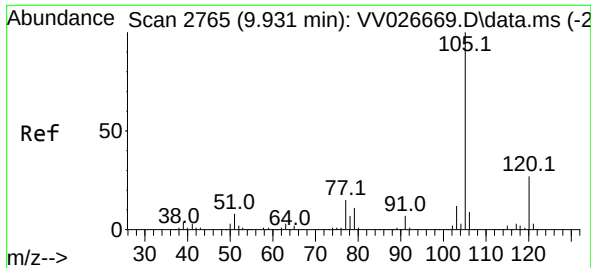
Tgt Ion: 83 Resp: 50635
 Ion Ratio Lower Upper
 83 100
 85 64.8 44.3 82.3
 131 9.4 8.0 12.0



#59
 Bromoform
 Concen: 4.349 ug/L
 RT: 9.735 min Scan# 2704
 Delta R.T. 0.003 min
 Lab File: VV026684.D
 Acq: 07 Jul 2022 20:11

Tgt Ion: 173 Resp: 14396
 Ion Ratio Lower Upper
 173 100
 175 47.5 37.9 56.9
 254 8.5 6.3 9.5

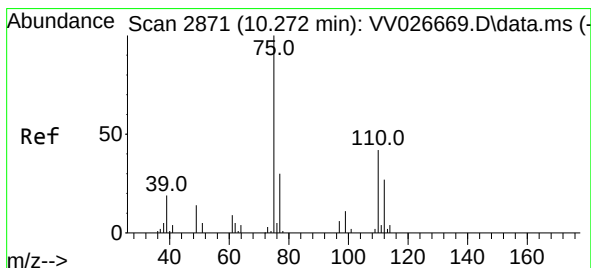
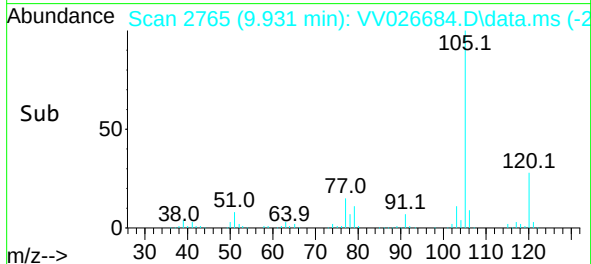
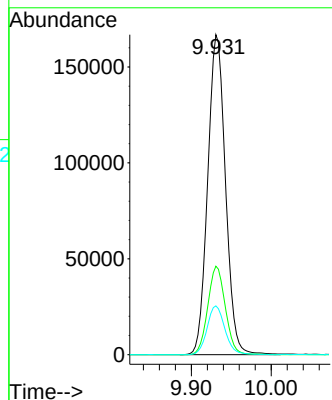
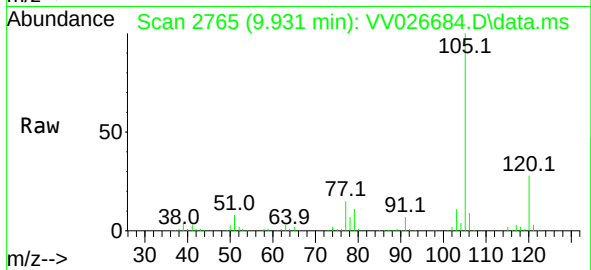




#60
Isopropylbenzene
Concen: 4.662 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

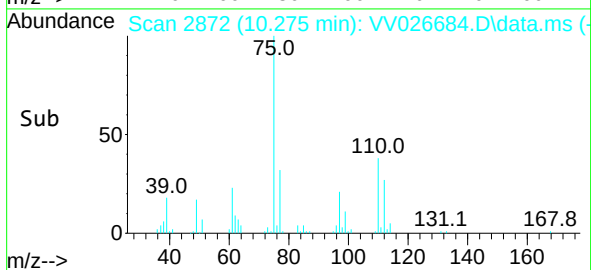
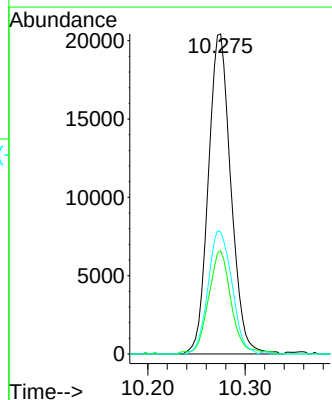
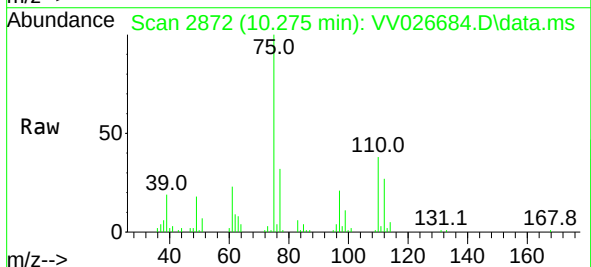
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MS

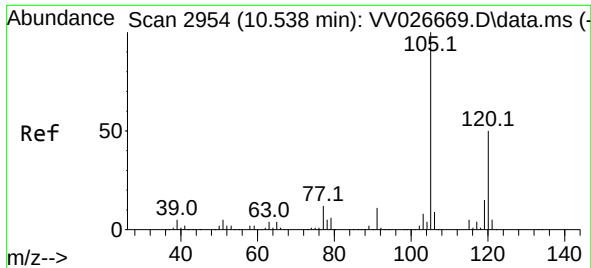
Tgt Ion:105 Resp: 258273
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.2
77 15.3 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.649 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

Tgt Ion: 75 Resp: 32857
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.6
110 40.7 32.5 48.7

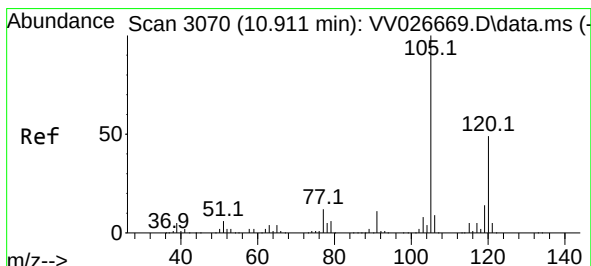
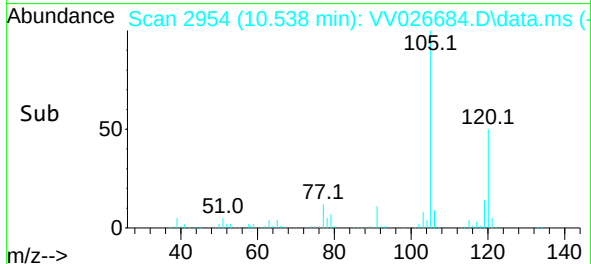
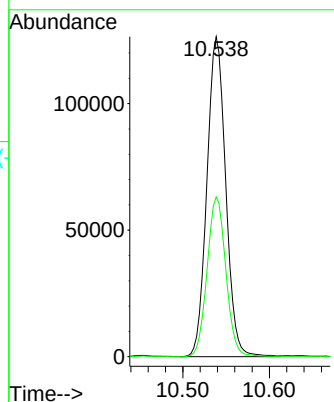
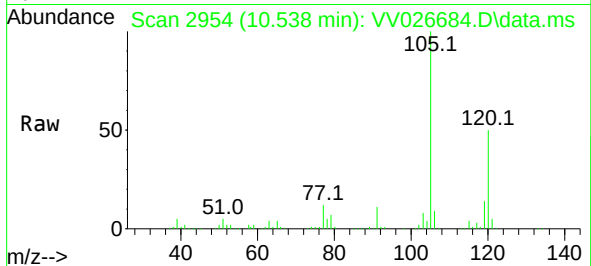




#62
1,3,5-Trimethylbenzene
Concen: 4.357 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

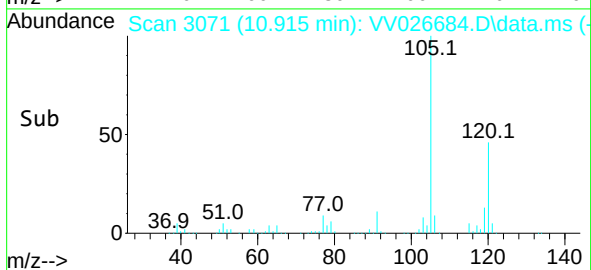
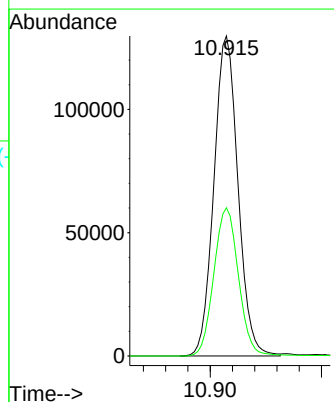
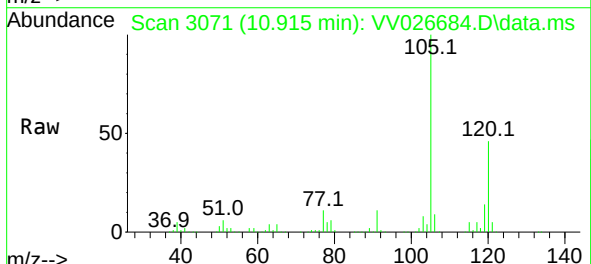
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MS

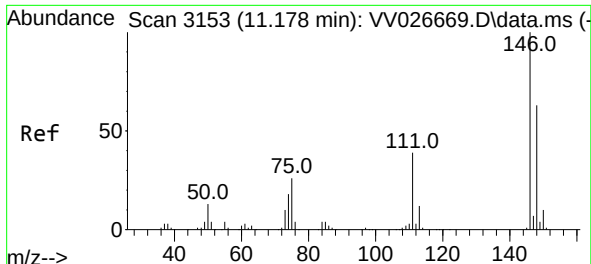
Tgt Ion:105 Resp: 190784
Ion Ratio Lower Upper
105 100
120 49.8 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 4.508 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

Tgt Ion:105 Resp: 194629
Ion Ratio Lower Upper
105 100
120 47.4 37.4 56.2

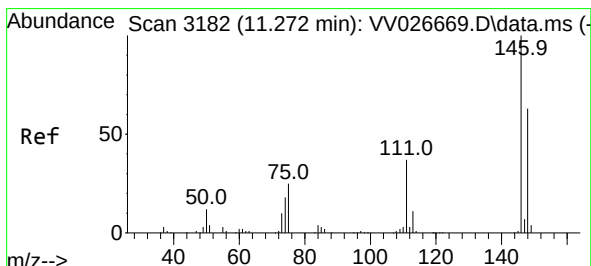
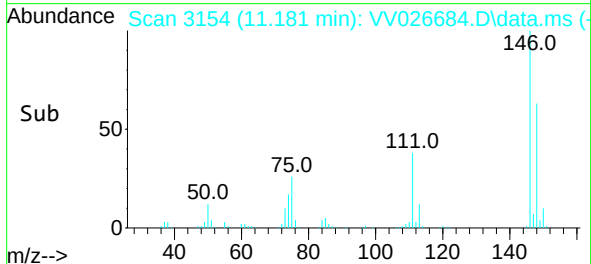
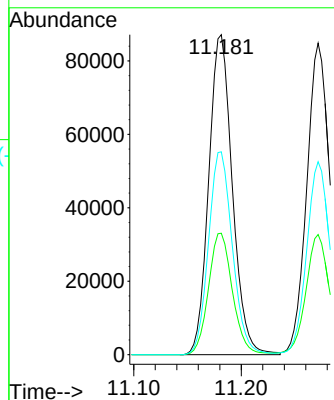
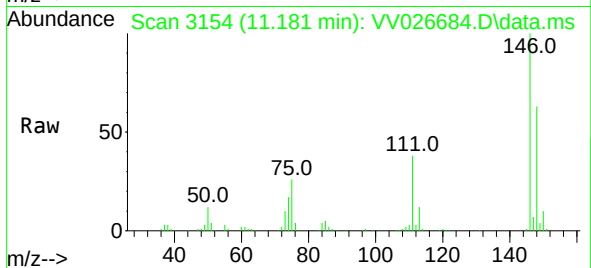




#64
1,3-Dichlorobenzene
Concen: 4.939 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

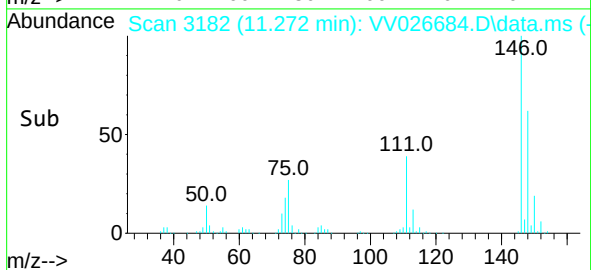
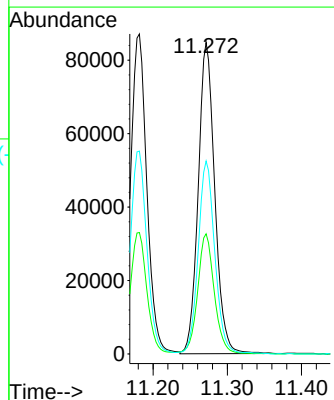
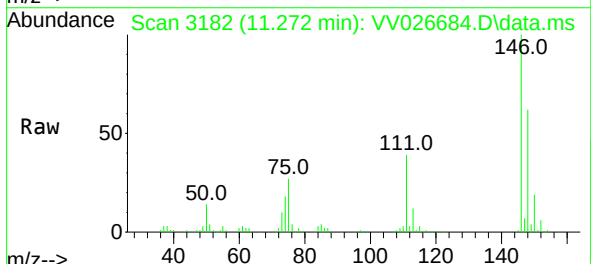
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MS

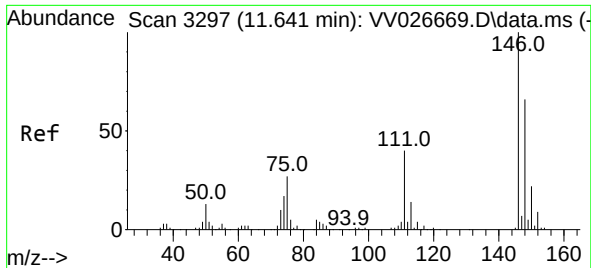
Tgt Ion:146 Resp: 133079
Ion Ratio Lower Upper
146 100
111 38.0 27.9 51.7
148 63.4 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.911 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

Tgt Ion:146 Resp: 131398
Ion Ratio Lower Upper
146 100
111 38.6 26.5 49.3
148 62.0 43.7 81.1

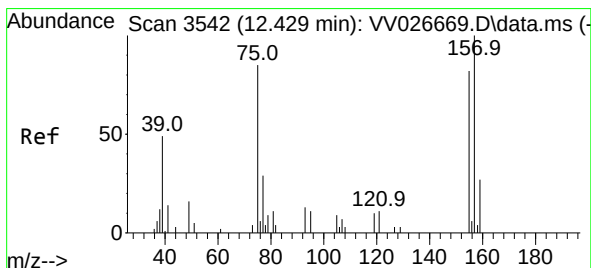
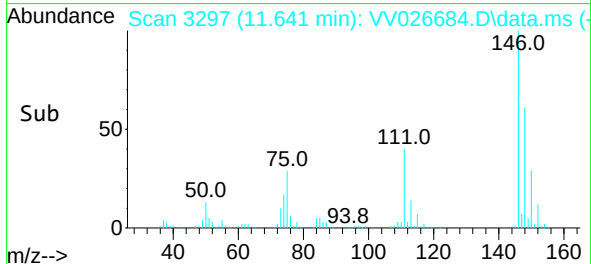
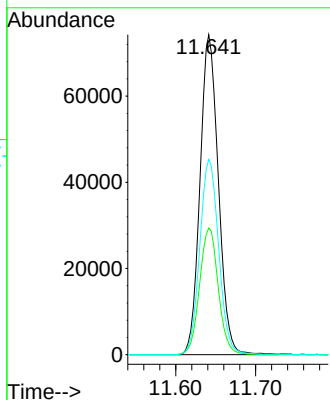
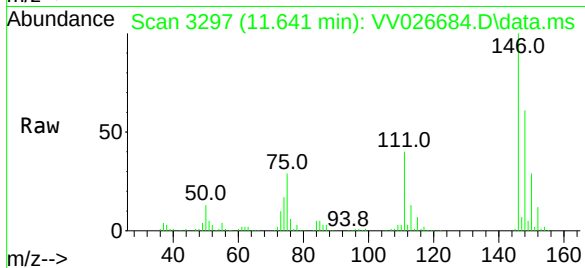




#67
1,2-Dichlorobenzene
Concen: 5.180 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

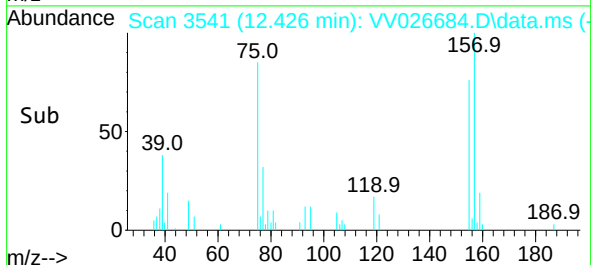
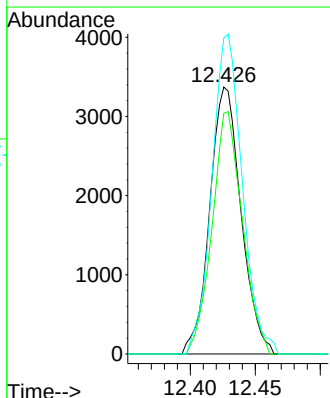
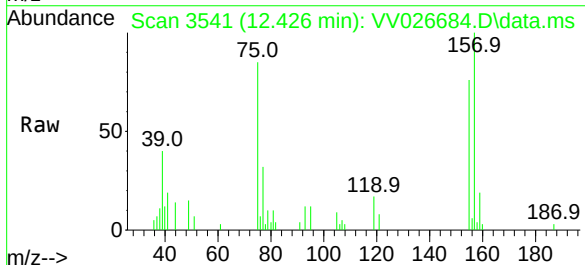
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MS

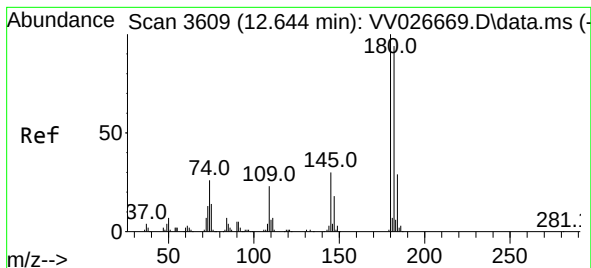
Tgt Ion:146 Resp: 118757
Ion Ratio Lower Upper
146 100
111 39.6 32.8 49.2
148 61.0 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.405 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

Tgt Ion: 75 Resp: 5638
Ion Ratio Lower Upper
75 100
155 90.1 74.7 112.1
157 118.3 96.9 145.3





#69

1,3,5-Trichlorobenzene

Concen: 4.681 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV026684.D

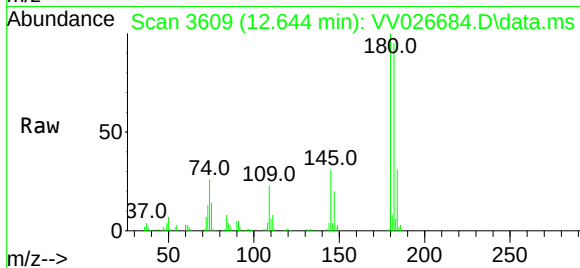
Acq: 07 Jul 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

DBUB4MS



Tgt Ion:180 Resp: 90687

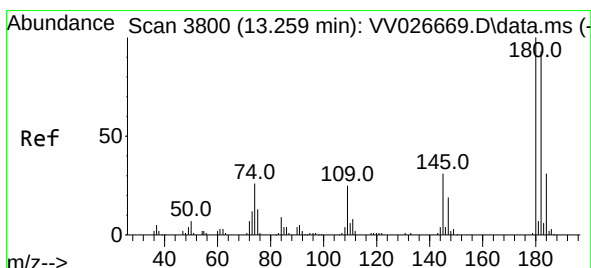
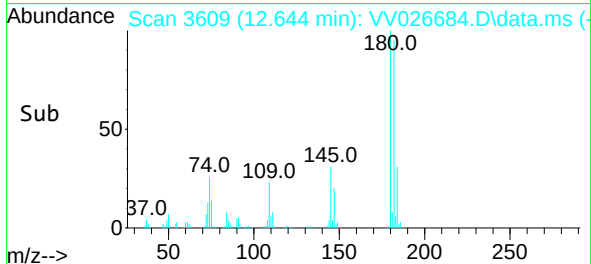
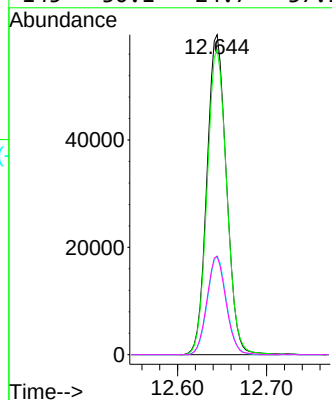
Ion Ratio Lower Upper

180 100

182 95.7 76.6 115.0

184 30.1 24.1 36.1

145 30.1 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 4.634 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV026684.D

Acq: 07 Jul 2022 20:11

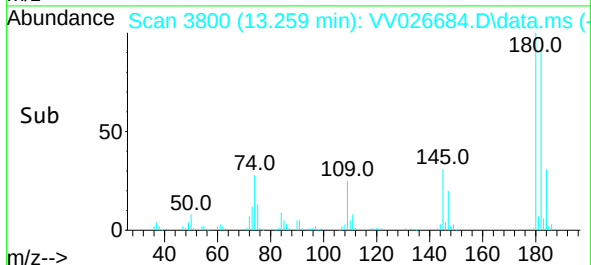
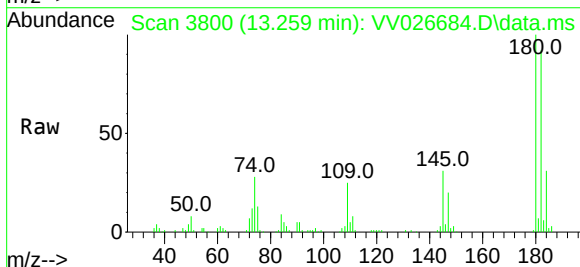
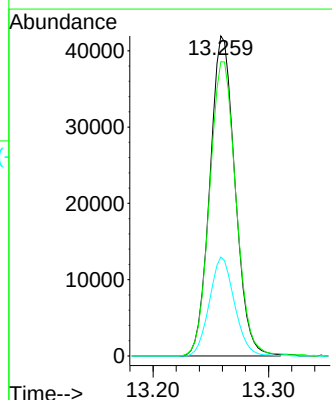
Tgt Ion:180 Resp: 63403

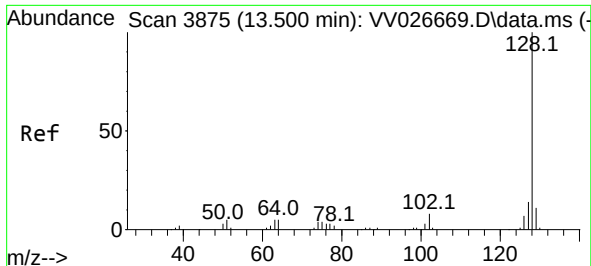
Ion Ratio Lower Upper

180 100

182 96.6 75.2 112.8

145 30.7 24.4 36.6

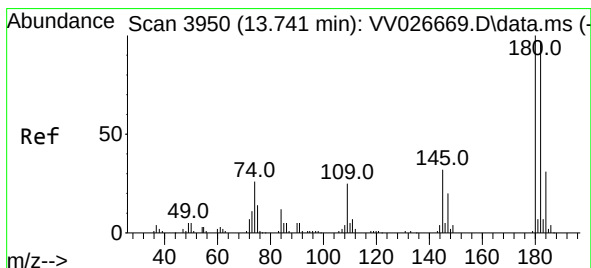
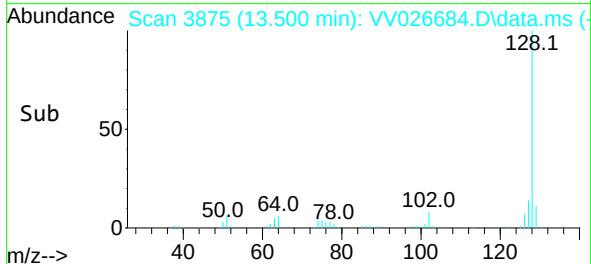
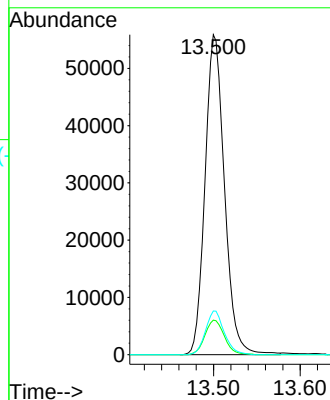
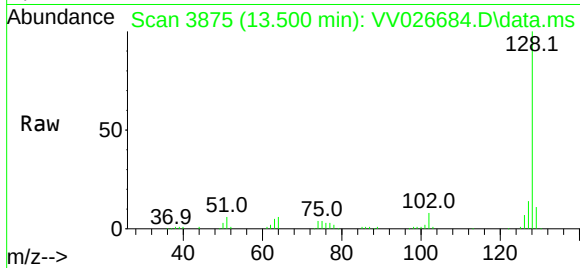




#71
Naphthalene
Concen: 4.888 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

Instrument :
MSVOA_V
ClientSampleId :
DBUB4MS

Tgt Ion:128 Resp: 87233
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.026 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026684.D
Acq: 07 Jul 2022 20:11

Tgt Ion:180 Resp: 56278
Ion Ratio Lower Upper
180 100
182 96.2 76.8 115.2
145 32.3 25.8 38.6

