

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070722\
 Data File : VW026686.D
 Acq On : 07 Jul 2022 21:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

Quant Time: Jul 08 03:04:28 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	206170	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	194260	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	99114	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	60551	3.652	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.000%	
7) Chloroethane-d5	1.584	69	55487	4.166	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.400%	
11) 1,1-Dichloroethene-d2	2.121	63	121041	4.108	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.200%	
20) 2-Butanone-d5	3.924	46	93147	56.506	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.020%	
24) Chloroform-d	4.362	84	122201	4.509	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.047	65	47672	4.566	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
32) Benzene-d6	5.059	84	233701	4.188	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
36) 1,2-Dichloropropane-d6	6.075	67	66992	4.366	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.317	98	211321	4.211	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	7.628	79	13414	3.382	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.600%	
46) 2-Hexanone-d5	8.095	63	71218	47.143	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.280%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46454	4.628	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	67742	4.130	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	63180	4.024	ug/L	99
3) Chloromethane	1.256	50	72775	4.239	ug/L	98
5) Vinyl chloride	1.326	62	79030	4.323	ug/L	86
6) Bromomethane	1.535	94	46387	4.688	ug/L	95
8) Chloroethane	1.600	64	55848	4.492	ug/L	92
9) Trichlorofluoromethane	1.767	101	119079	4.671	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	70737	4.683	ug/L	100
12) 1,1-Dichloroethene	2.130	96	63873	4.587	ug/L	97
13) Acetone	2.211	43	67513	64.559	ug/L	96
14) Carbon disulfide	2.307	76	163255	4.444	ug/L	99
15) Methyl Acetate	2.461	43	15637	5.186	ug/L	95
16) Methylene chloride	2.519	84	88532	5.989	ug/L	97
17) Methyl tert-butyl Ether	2.789	73	116780	5.145	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	65990	4.645	ug/L	96
19) 1,1-Dichloroethane	3.204	63	123280	4.832	ug/L	98
21) 2-Butanone	4.008	43	96814	61.539	ug/L	87
22) cis-1,2-Dichloroethene	3.924	96	69502	4.927	ug/L	93
23) Bromochloromethane	4.262	128	31139	5.359	ug/L	90
25) Chloroform	4.387	83	134632	4.933	ug/L	98

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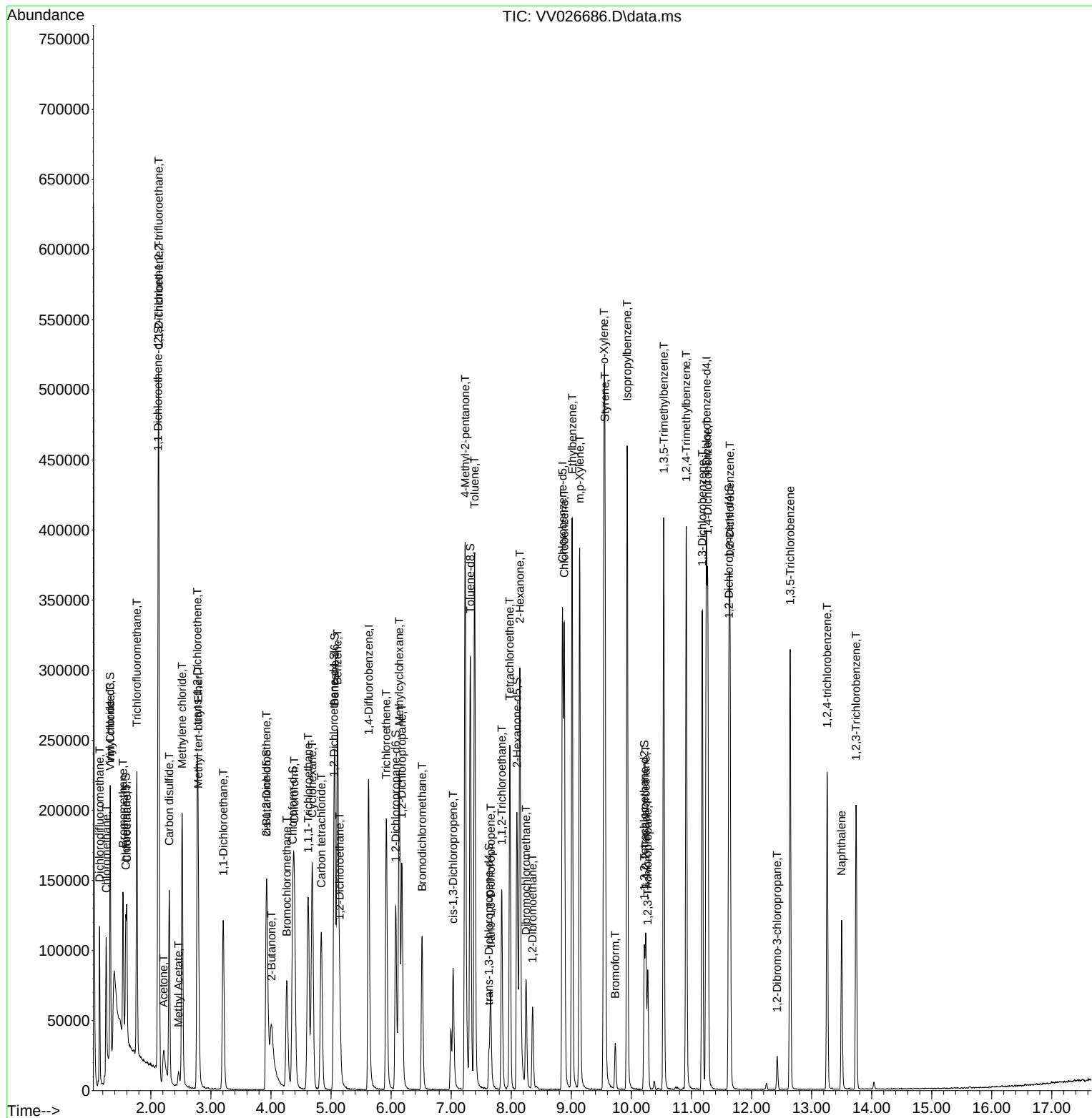
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	60850	5.010	ug/L	95
29) 1,1,1-Trichloroethane	4.619	97	116392	4.869	ug/L	99
30) Cyclohexane	4.686	56	78818	4.165	ug/L	98
31) Carbon tetrachloride	4.838	117	89172	4.447	ug/L	99
33) Benzene	5.108	78	272518	4.805	ug/L	100
34) Trichloroethene	5.918	95	69930	4.690	ug/L	97
35) Methylcyclohexane	6.137	83	92781	4.206	ug/L	98
37) 1,2-Dichloropropane	6.178	63	68161	4.986	ug/L	98
38) Bromodichloromethane	6.516	83	77780	4.820	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	57962	4.218	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	262060	56.751	ug/L	98
42) Toluene	7.391	91	291576	4.980	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	43225	4.229	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	47398	5.498	ug/L	98
47) Tetrachloroethene	7.976	164	56214	4.735	ug/L	99
48) 2-Hexanone	8.143	43	187092	58.204	ug/L	96
49) Dibromochloromethane	8.246	129	41220	4.722	ug/L	99
50) 1,2-Dibromoethane	8.355	107	42169	5.501	ug/L	92
51) Chlorobenzene	8.882	112	188832	4.923	ug/L	97
52) Ethylbenzene	9.014	91	280134	4.626	ug/L	99
53) m,p-Xylene	9.140	106	115295	4.880	ug/L	95
54) o-Xylene	9.545	106	107137	4.832	ug/L	99
55) Styrene	9.561	104	187744	5.112	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	53203	5.527	ug/L	99
59) Bromoform	9.731	173	15416	4.221	ug/L	98
60) Isopropylbenzene	9.931	105	288844	4.725	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	34696	5.406	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	215913	4.468	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	220265	4.623	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	144754	4.869	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	141448	4.791	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	129070	5.102	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6119	5.316	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	98314	4.599	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	70728	4.685	ug/L	99
71) Naphthalene	13.500	128	97299	4.940	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	62175	5.032	ug/L	98

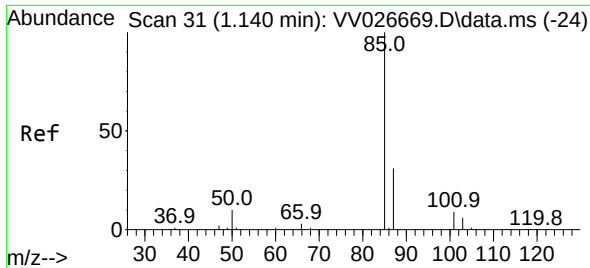
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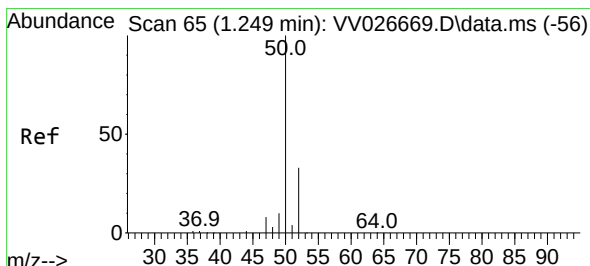
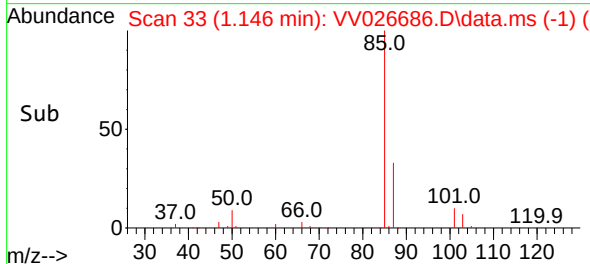
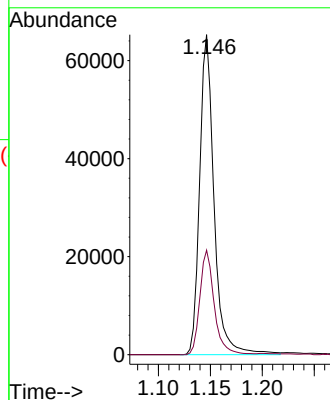
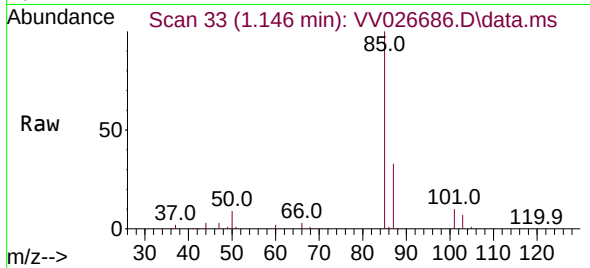




#2
 Dichlorodifluoromethane
 Concen: 4.024 ug/L
 RT: 1.146 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VV026686.D
 Acq: 07 Jul 2022 21:00

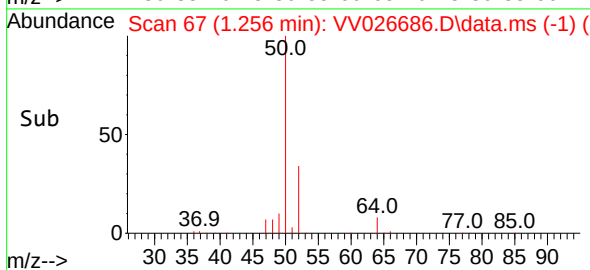
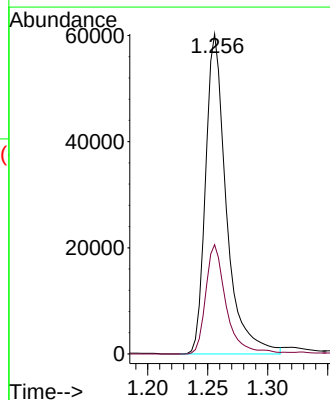
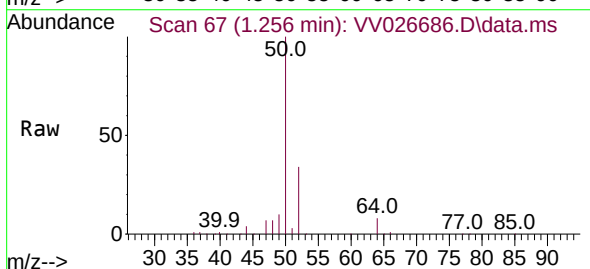
Instrument :
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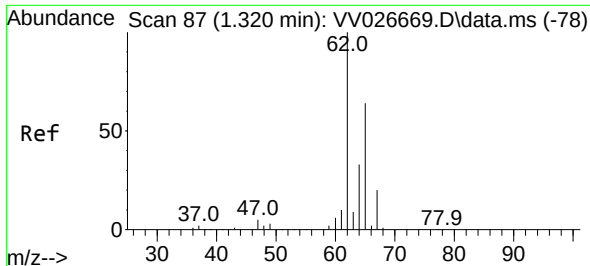
Tgt Ion: 85 Resp: 63180
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.6 38.4



#3
 Chloromethane
 Concen: 4.239 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.006 min
 Lab File: VV026686.D
 Acq: 07 Jul 2022 21:00

Tgt Ion: 50 Resp: 72775
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.0 42.6

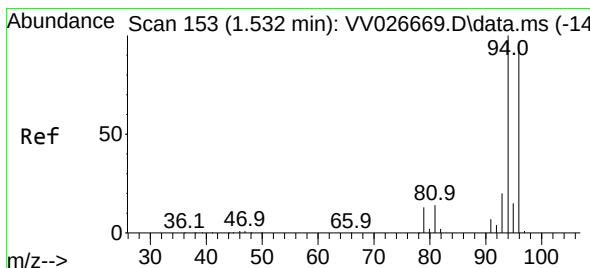
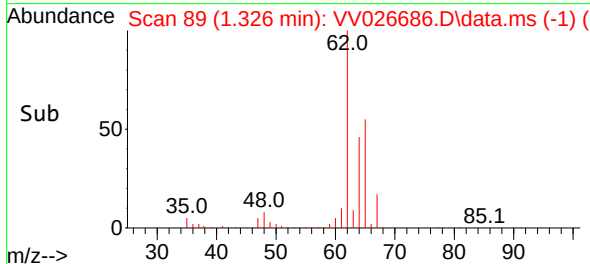
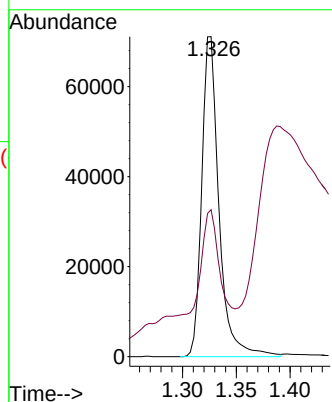
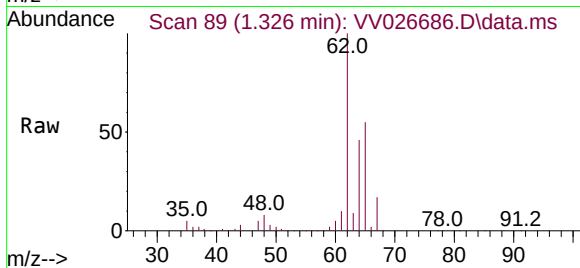




#5
 Vinyl chloride
 Concen: 4.323 ug/L
 RT: 1.326 min Scan# 89
 Delta R.T. 0.006 min
 Lab File: VV026686.D
 Acq: 07 Jul 2022 21:00

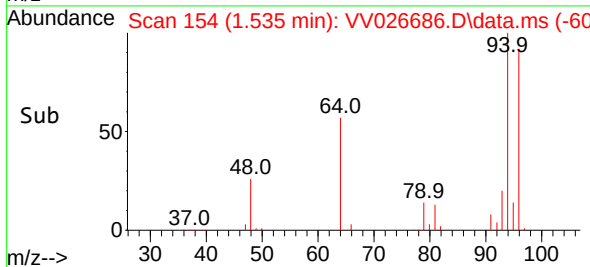
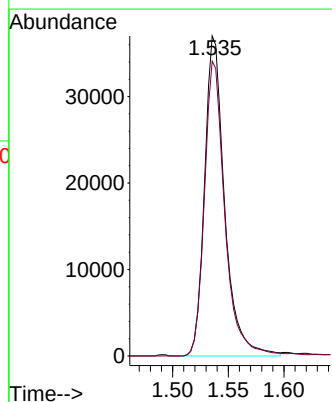
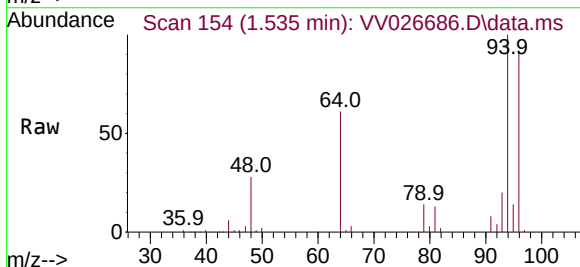
Instrument :
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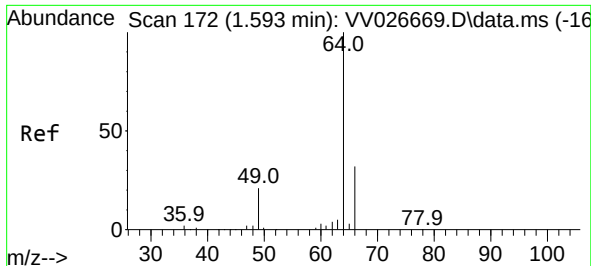
Tgt Ion: 62 Resp: 79030
 Ion Ratio Lower Upper
 62 100
 64 46.0 26.2 48.6



#6
 Bromomethane
 Concen: 4.688 ug/L
 RT: 1.535 min Scan# 154
 Delta R.T. 0.003 min
 Lab File: VV026686.D
 Acq: 07 Jul 2022 21:00

Tgt Ion: 94 Resp: 46387
 Ion Ratio Lower Upper
 94 100
 96 92.1 68.0 126.2

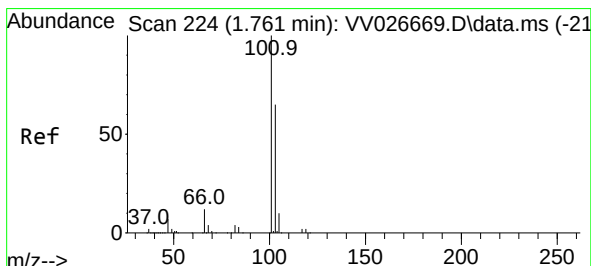
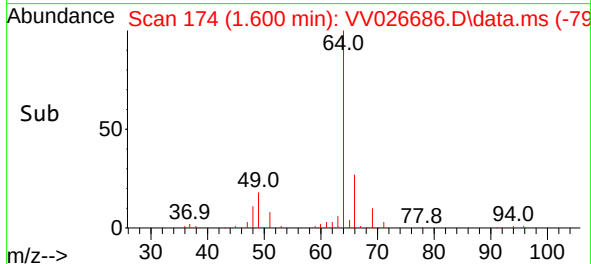
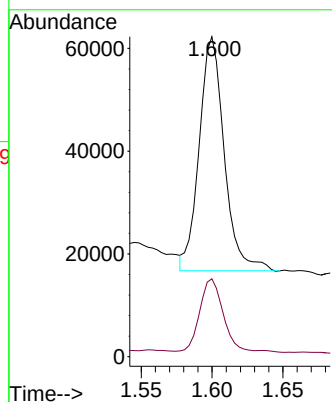
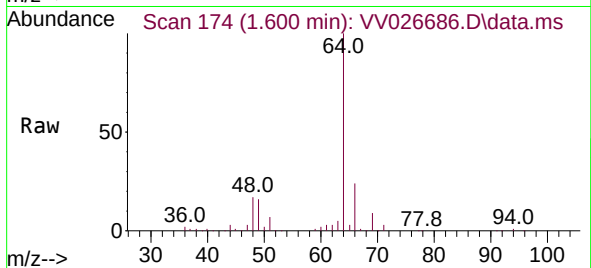




#8
Chloroethane
Concen: 4.492 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

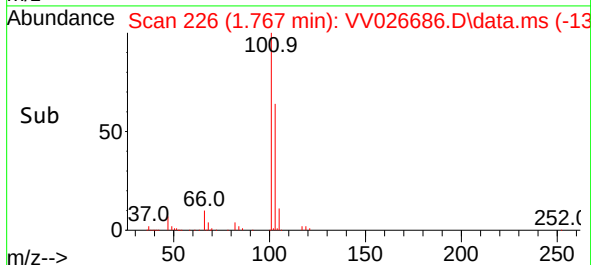
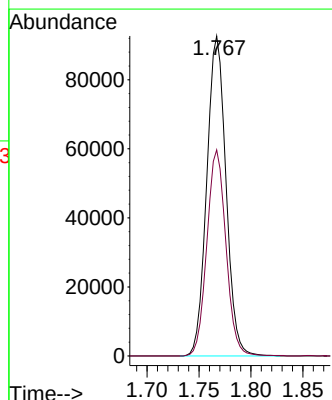
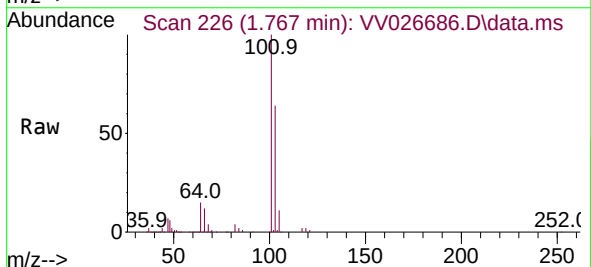
Instrument :
MSVOA_V
ClientSampleId :
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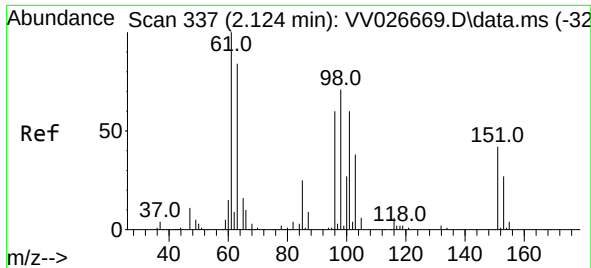
Tgt Ion: 64 Resp: 55848
Ion Ratio Lower Upper
64 100
66 24.3 20.0 37.2



#9
Trichlorofluoromethane
Concen: 4.671 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.006 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

Tgt Ion: 101 Resp: 119079
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.4

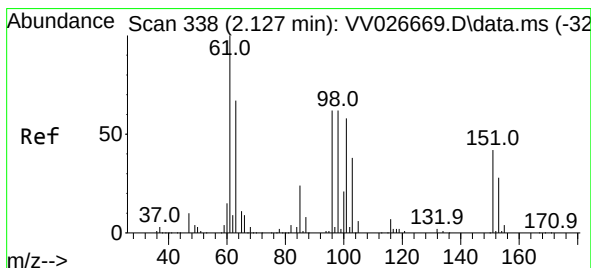
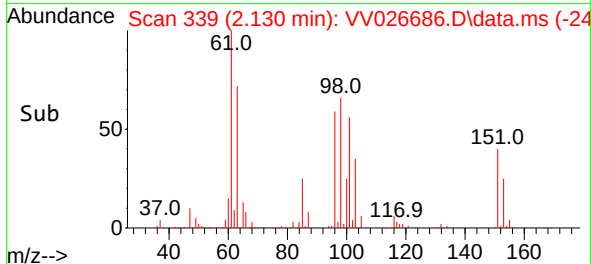
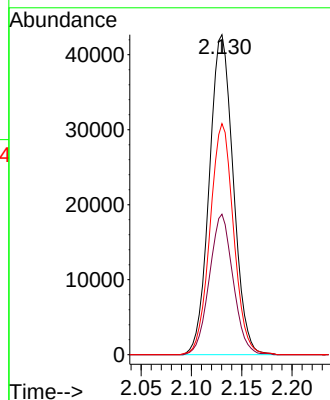
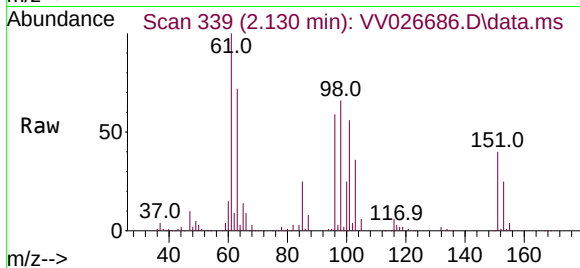




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.683 ug/L
RT: 2.130 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

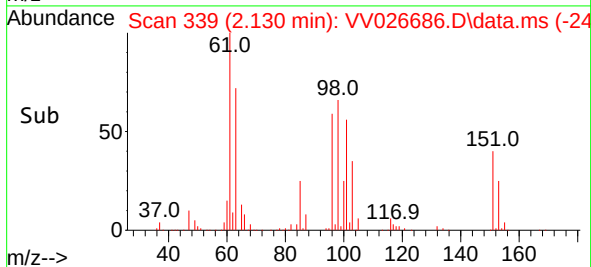
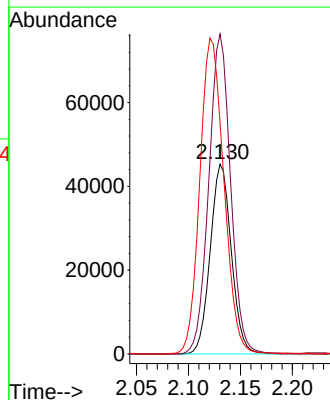
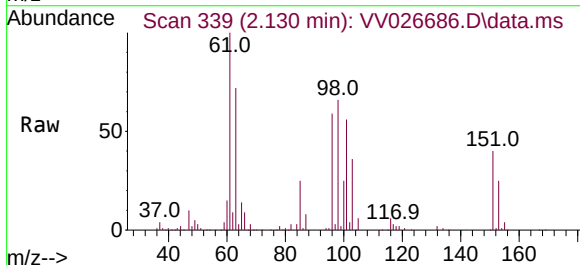
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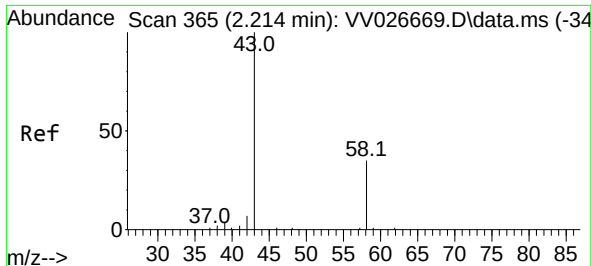
Tgt Ion:101 Resp: 70737
Ion Ratio Lower Upper
101 100
85 43.4 34.2 51.4
151 71.1 56.8 85.2



#12
1,1-Dichloroethene
Concen: 4.587 ug/L
RT: 2.130 min Scan# 339
Delta R.T. 0.003 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

Tgt Ion: 96 Resp: 63873
Ion Ratio Lower Upper
96 100
61 168.7 115.4 214.4
63 121.9 87.4 162.2

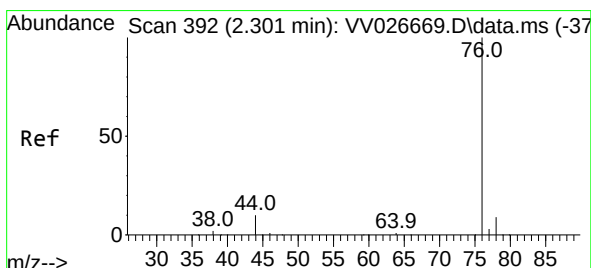
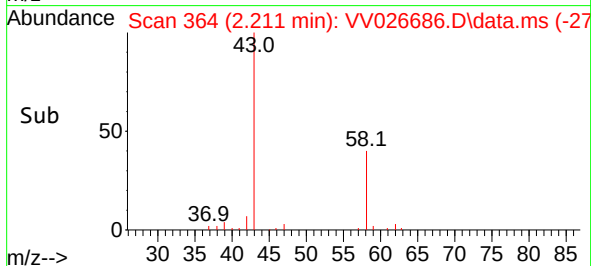
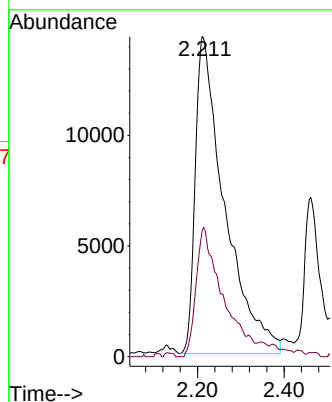
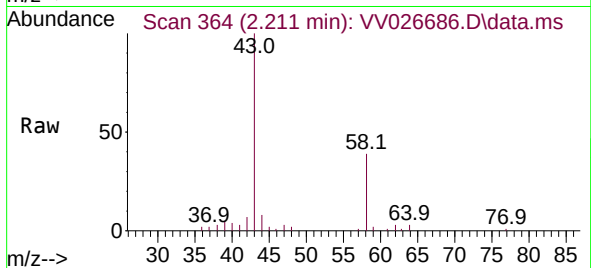




#13
Acetone
Concen: 64.559 ug/L
RT: 2.211 min Scan# 30
Delta R.T. -0.003 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

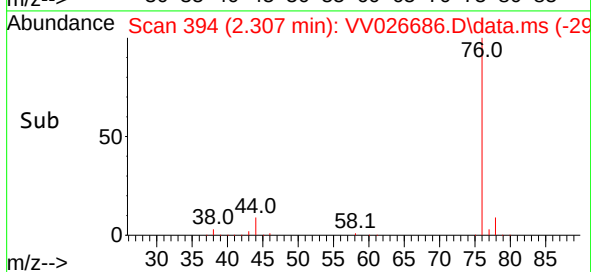
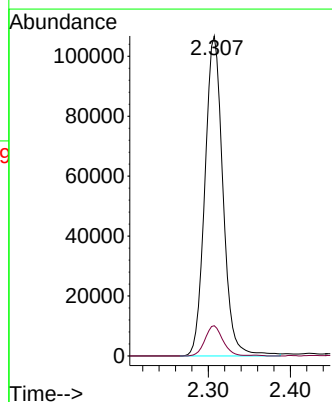
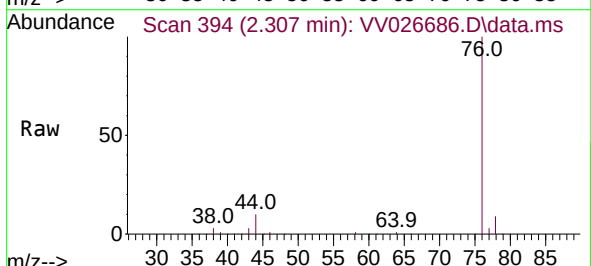
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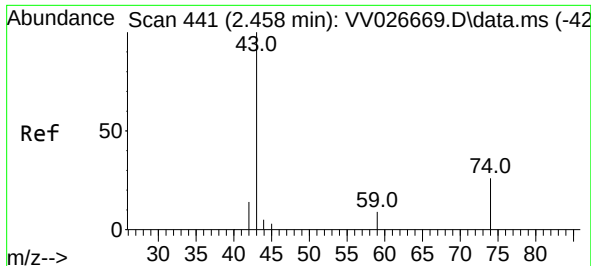
Tgt Ion: 43 Resp: 67513
Ion Ratio Lower Upper
43 100
58 35.2 0.0 75.0



#14
Carbon disulfide
Concen: 4.444 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.006 min
Lab File: VV026686.D
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Tgt Ion: 76 Resp: 163255
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.6

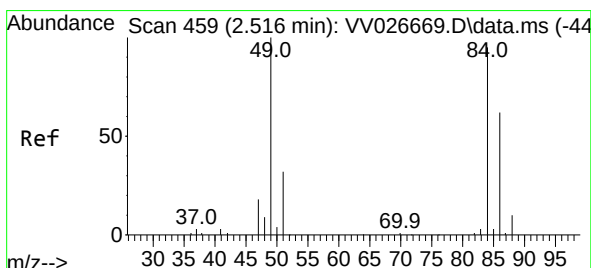
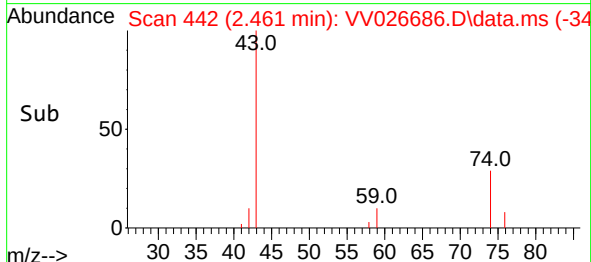
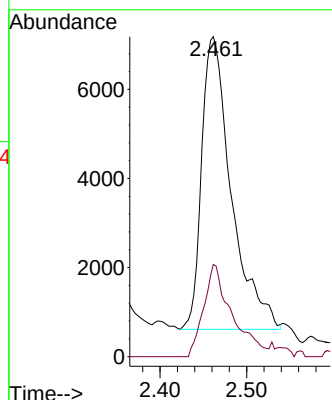
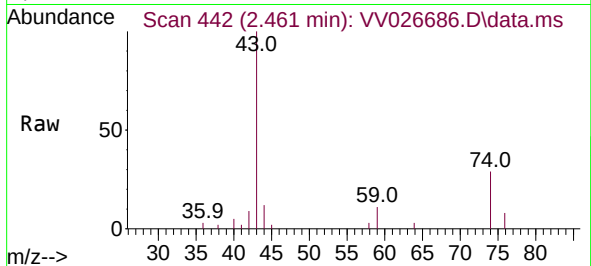




#15
Methyl Acetate
Concen: 5.186 ug/L
RT: 2.461 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

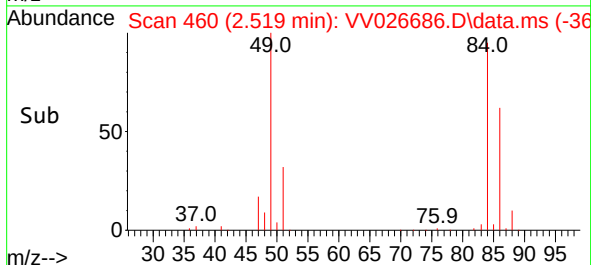
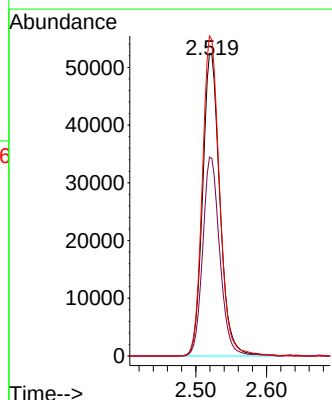
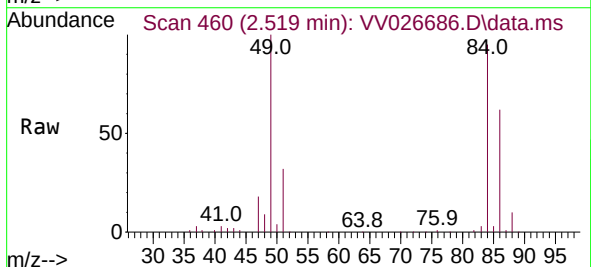
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

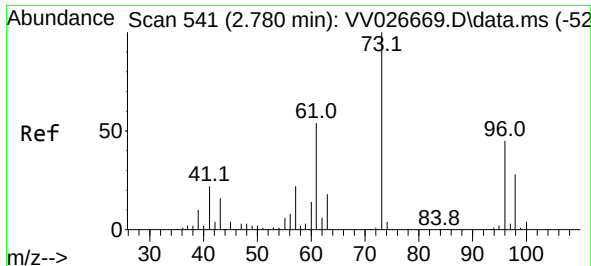
Tgt Ion: 43 Resp: 15637
Ion Ratio Lower Upper
43 100
74 30.2 22.1 33.1



#16
Methylene chloride
Concen: 5.989 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

Tgt Ion: 84 Resp: 88532
Ion Ratio Lower Upper
84 100
86 65.7 46.0 85.4
49 105.7 77.7 144.3

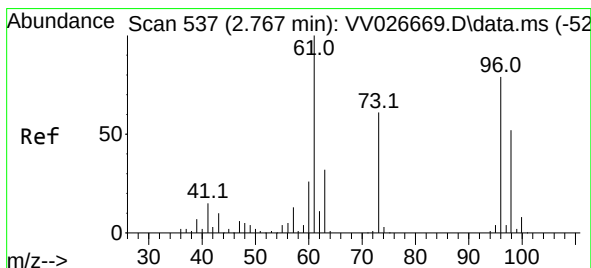
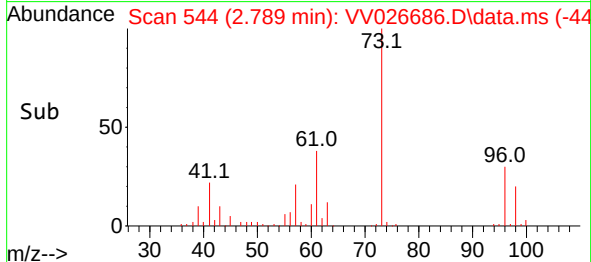
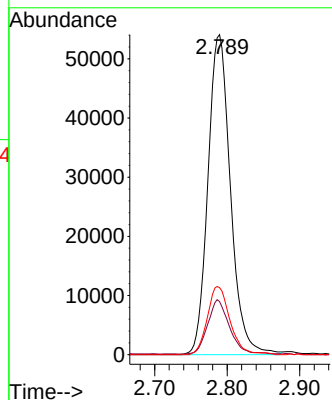
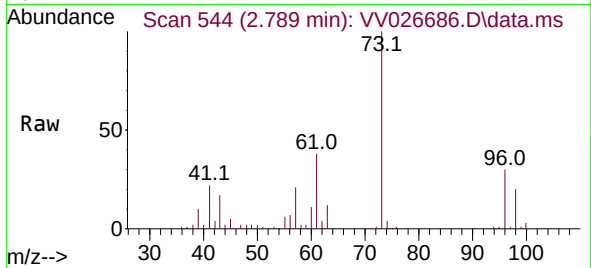




#17
Methyl tert-butyl Ether
Concen: 5.145 ug/L
RT: 2.789 min Scan# 541
Delta R.T. 0.010 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

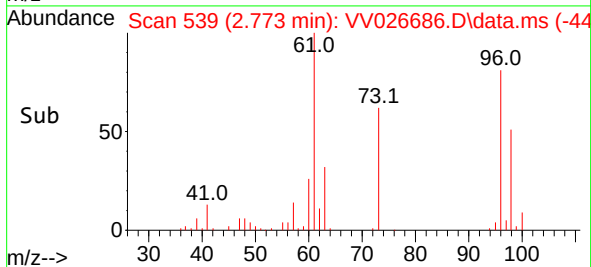
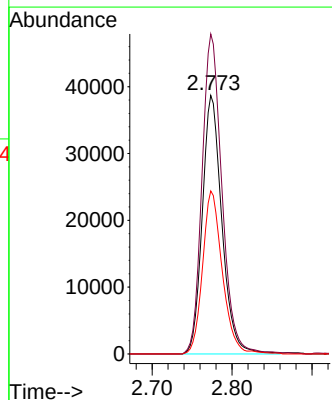
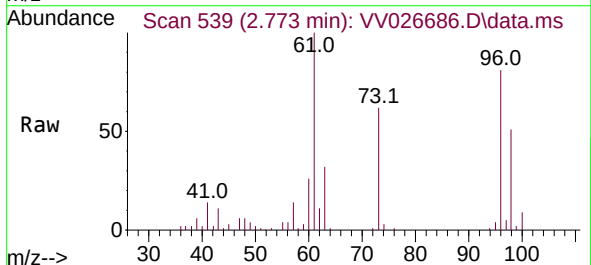
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

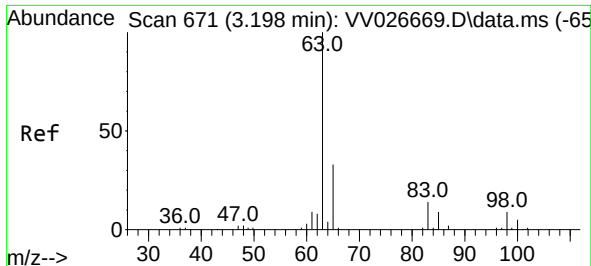
Tgt Ion: 73 Resp: 116780
Ion Ratio Lower Upper
73 100
43 16.2 13.3 19.9
57 21.2 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.645 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

Tgt Ion: 96 Resp: 65990
Ion Ratio Lower Upper
96 100
61 123.7 90.4 167.8
98 63.1 45.6 84.8





#19

1,1-Dichloroethane

Concen: 4.832 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

VSTD005346

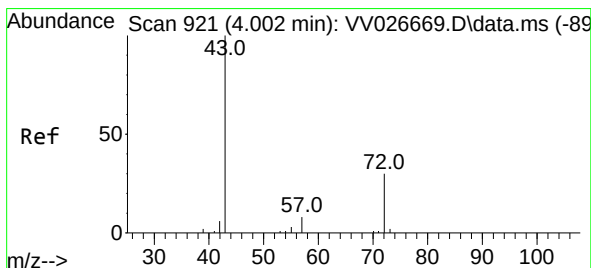
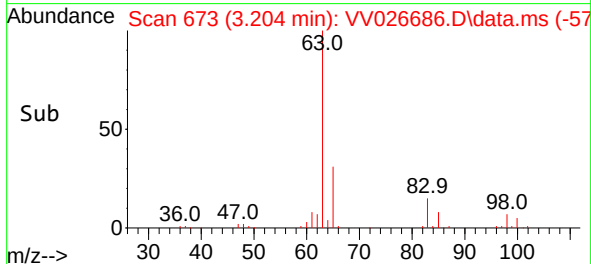
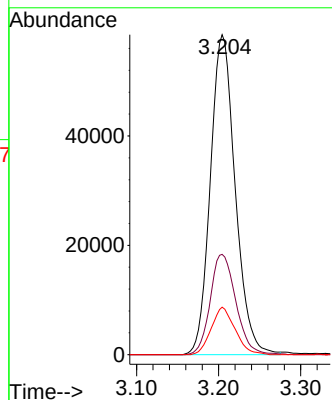
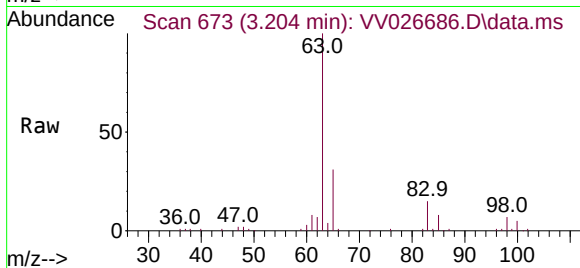
Tgt Ion: 63 Resp: 123280

Ion Ratio Lower Upper

63 100

65 31.4 23.0 42.6

83 14.9 10.2 19.0



#21

2-Butanone

Concen: 61.539 ug/L

RT: 4.008 min Scan# 923

Delta R.T. 0.006 min

Lab File: VV026686.D

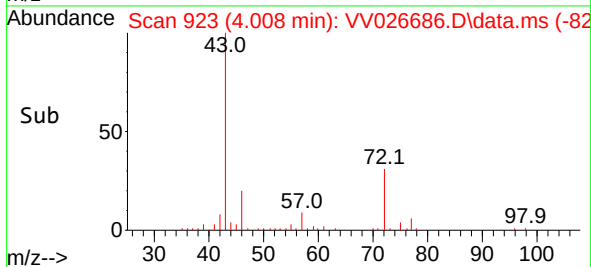
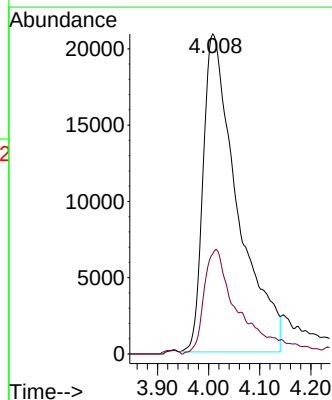
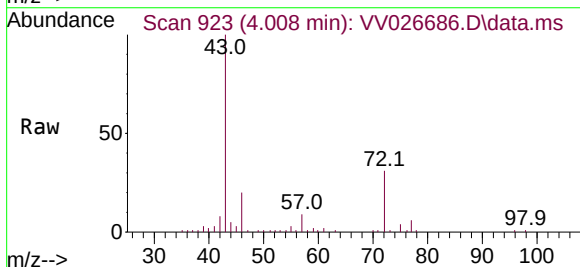
Acq: 07 Jul 2022 21:00

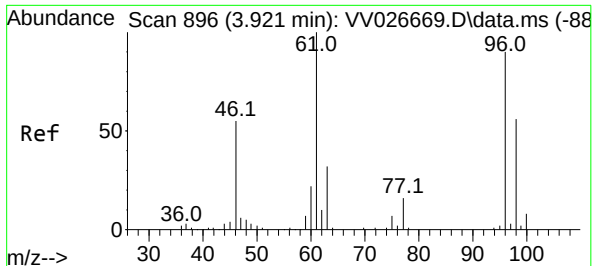
Tgt Ion: 43 Resp: 96814

Ion Ratio Lower Upper

43 100

72 33.5 13.5 40.5





#22

cis-1,2-Dichloroethene

Concen: 4.927 ug/L

RT: 3.924 min Scan# 896

Delta R.T. 0.003 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

VSTD005346

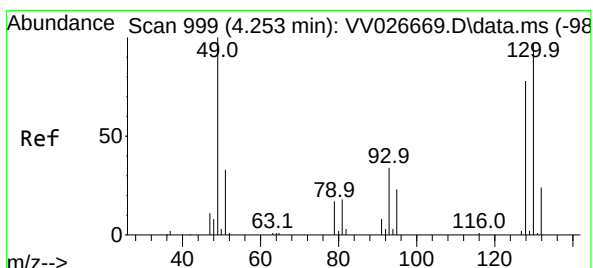
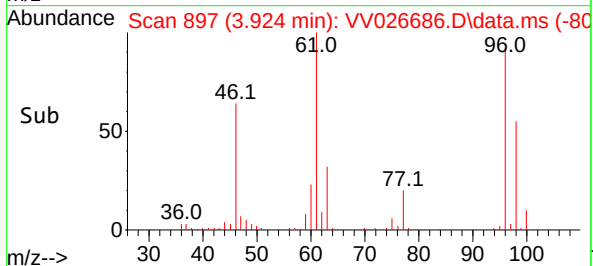
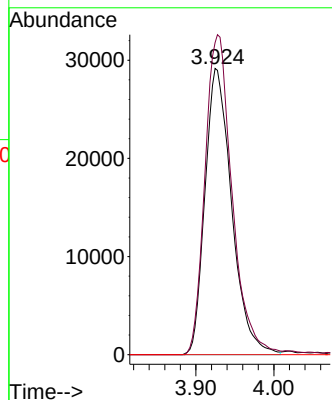
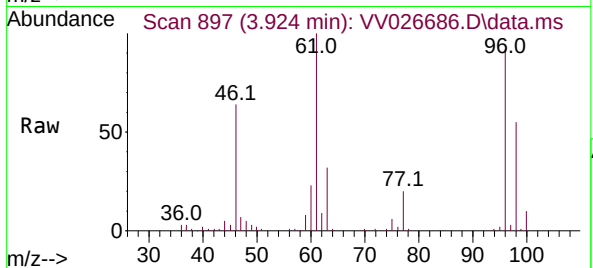
Tgt Ion: 96 Resp: 69502

Ion Ratio Lower Upper

96 100

61 109.0 82.0 152.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.359 ug/L

RT: 4.262 min Scan# 1002

Delta R.T. 0.010 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

Tgt Ion: 128 Resp: 31139

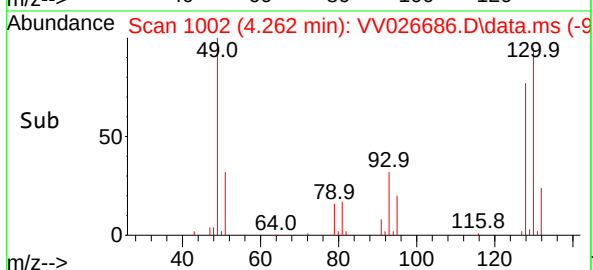
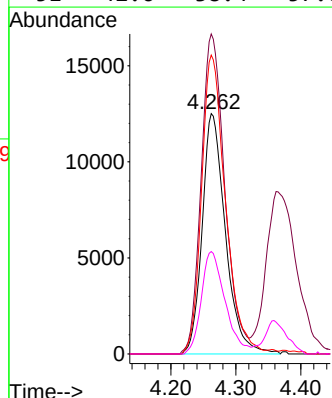
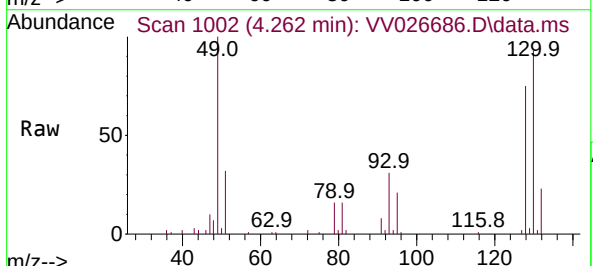
Ion Ratio Lower Upper

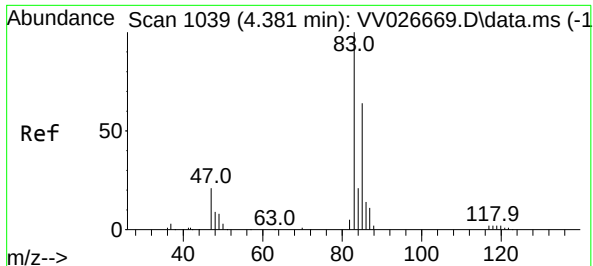
128 100

49 133.1 104.0 193.1

130 124.3 93.4 173.6

51 42.6 38.4 57.6





#25

Chloroform

Concen: 4.933 ug/L

RT: 4.387 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

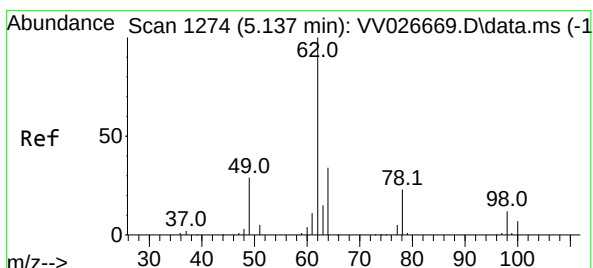
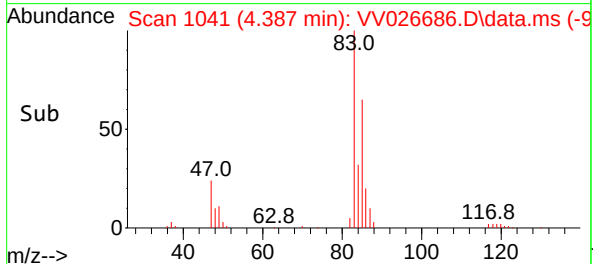
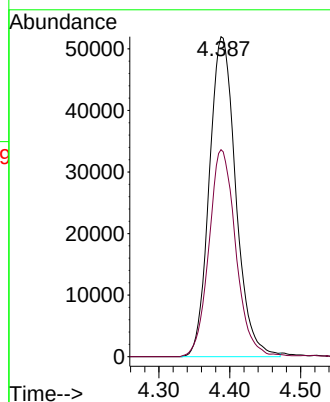
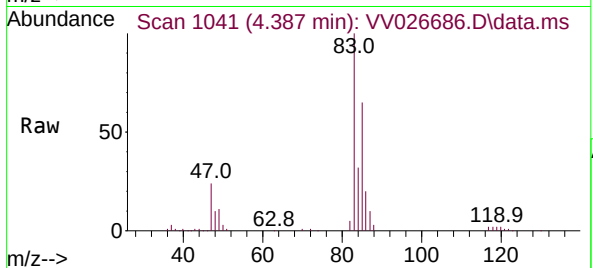
VSTD005346

Tgt Ion: 83 Resp: 134632

Ion Ratio Lower Upper

83 100

85 64.7 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.010 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.006 min

Lab File: VV026686.D

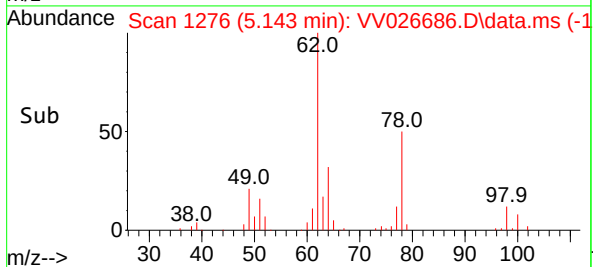
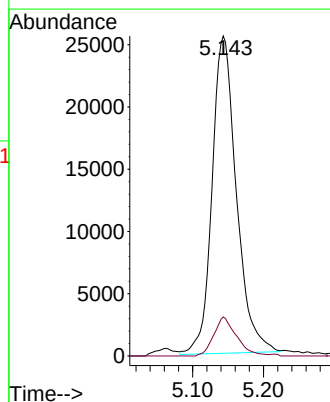
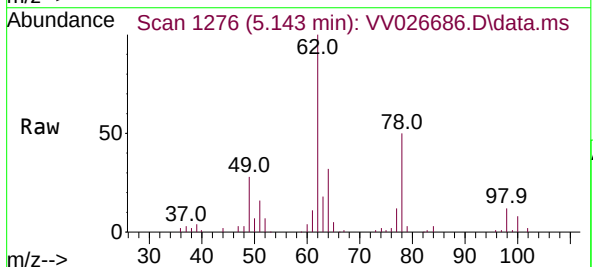
Acq: 07 Jul 2022 21:00

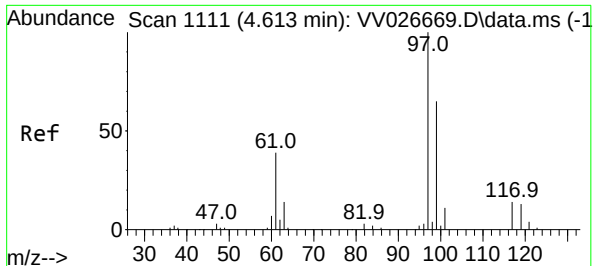
Tgt Ion: 62 Resp: 60850

Ion Ratio Lower Upper

62 100

98 12.2 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 4.869 ug/L

RT: 4.619 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

VSTD005346

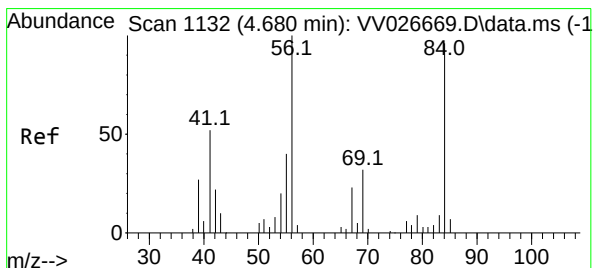
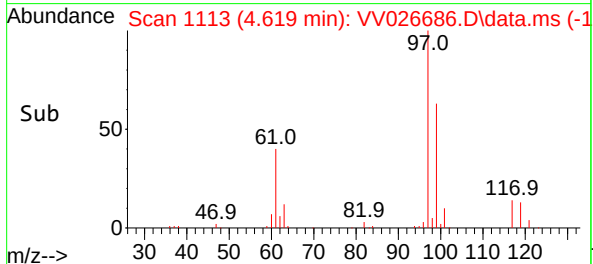
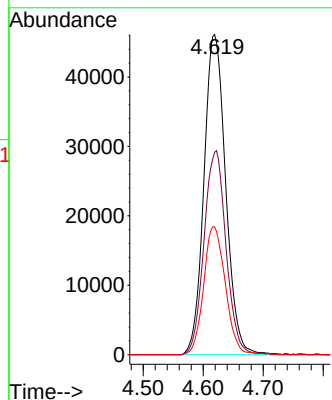
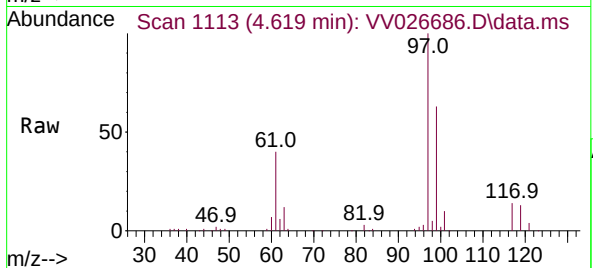
Tgt Ion: 97 Resp: 116392

Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 40.1 33.0 49.4



#30

Cyclohexane

Concen: 4.165 ug/L

RT: 4.686 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

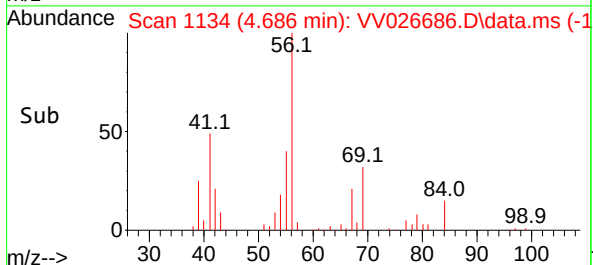
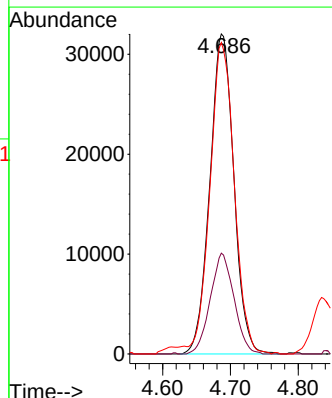
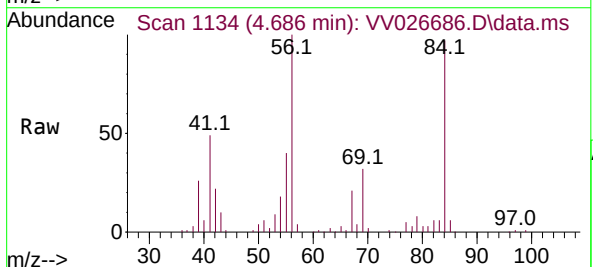
Tgt Ion: 56 Resp: 78818

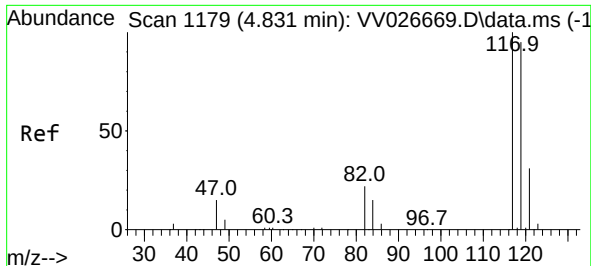
Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.2

84 99.2 77.8 116.6

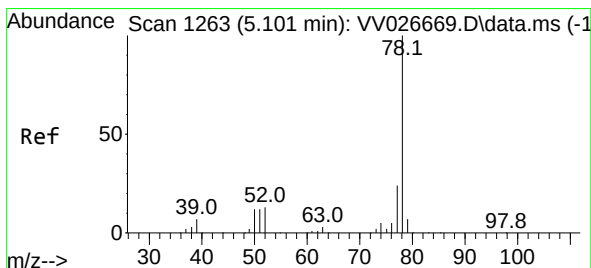
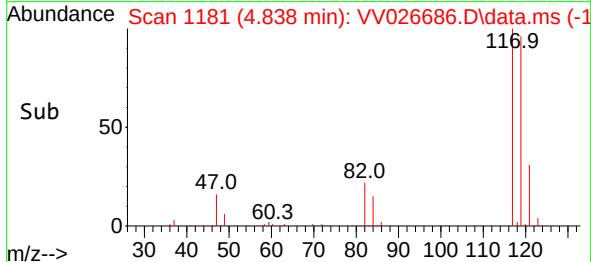
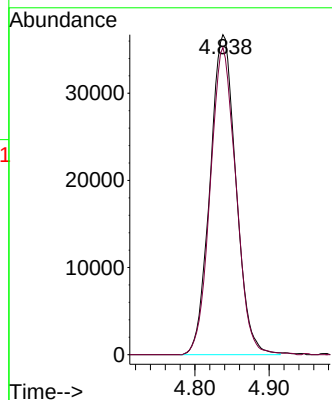
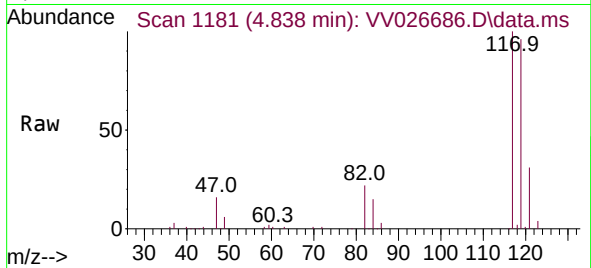




#31
Carbon tetrachloride
Concen: 4.447 ug/L
RT: 4.838 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

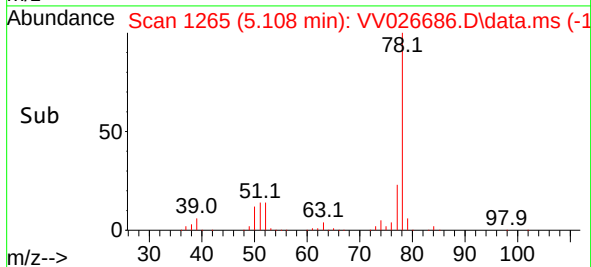
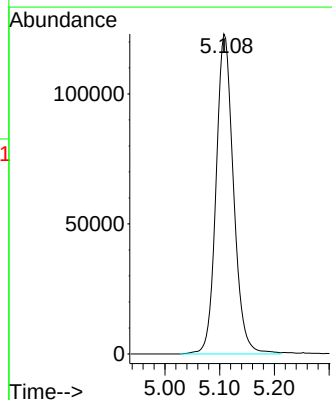
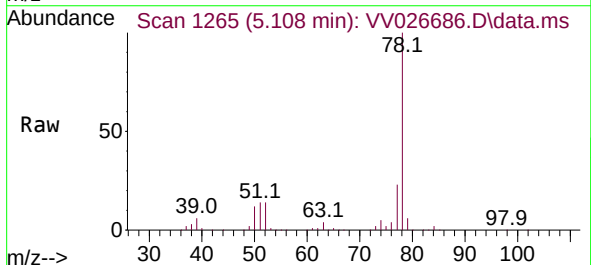
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

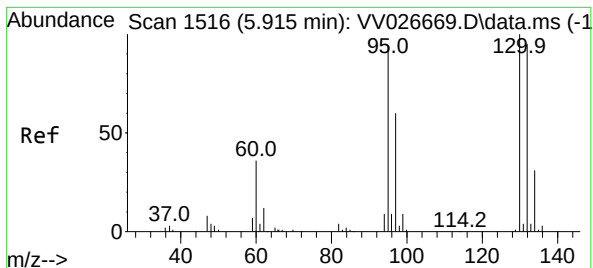
Tgt Ion:117 Resp: 89172
Ion Ratio Lower Upper
117 100
119 95.0 76.9 115.3



#33
Benzene
Concen: 4.805 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

Tgt Ion: 78 Resp: 272518





#34

Trichloroethene

Concen: 4.690 ug/L

RT: 5.918 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

VSTD005346

Tgt Ion: 95 Resp: 69930

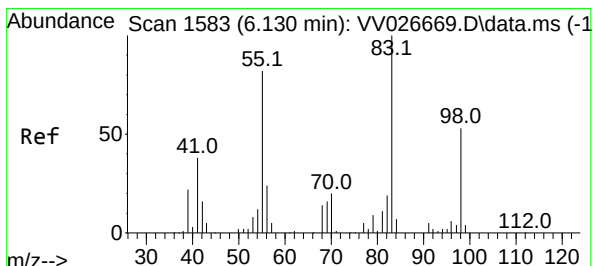
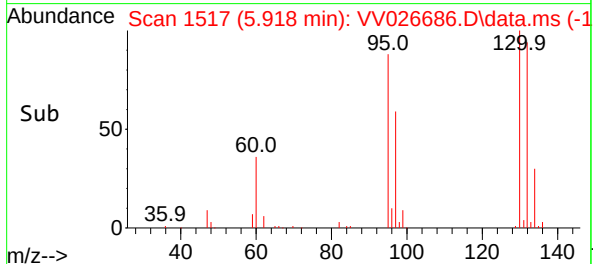
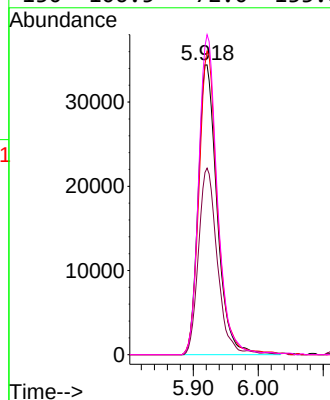
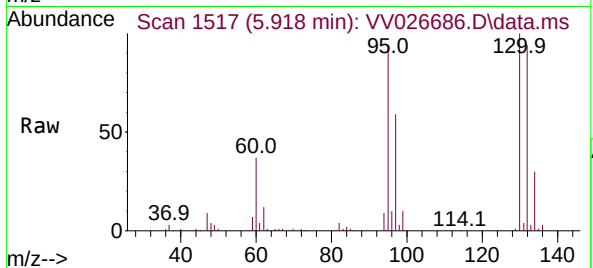
Ion Ratio Lower Upper

95 100

97 62.9 46.8 87.0

132 100.2 69.9 129.7

130 106.5 72.0 133.8



#35

Methylcyclohexane

Concen: 4.206 ug/L

RT: 6.137 min Scan# 1585

Delta R.T. 0.006 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

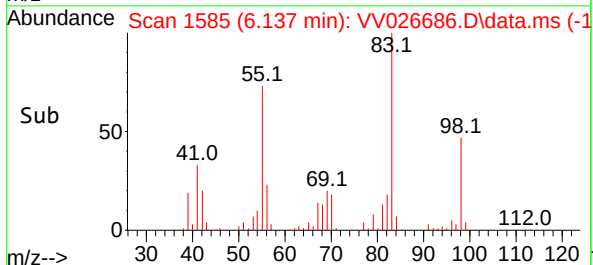
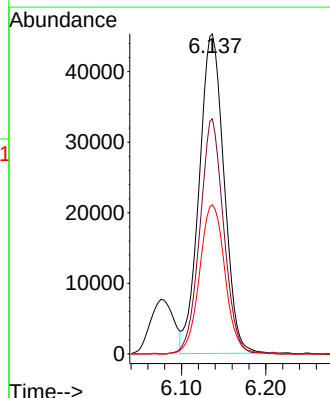
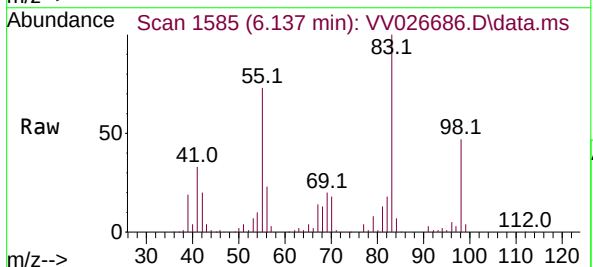
Tgt Ion: 83 Resp: 92781

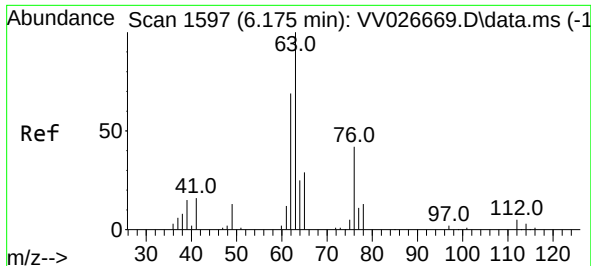
Ion Ratio Lower Upper

83 100

55 70.4 57.0 85.4

98 47.9 39.8 59.8





#37

1,2-Dichloropropane

Concen: 4.986 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

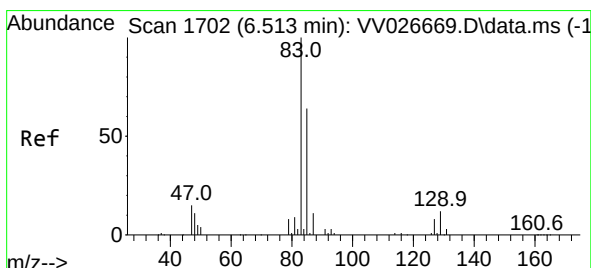
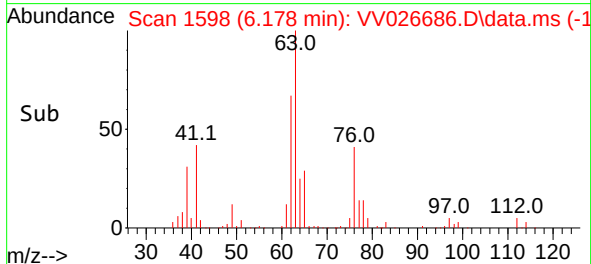
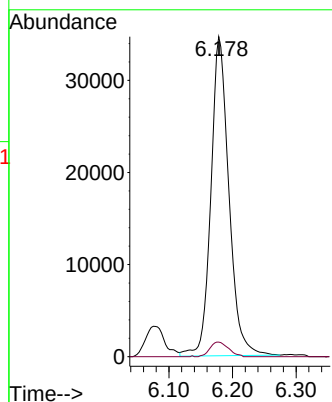
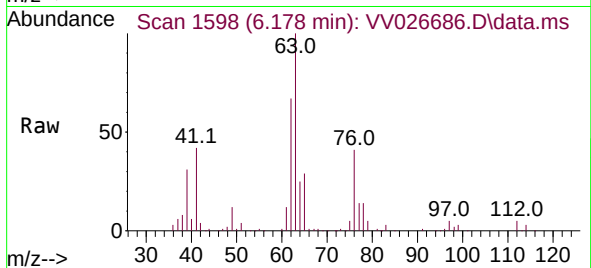
VSTD005346

Tgt Ion: 63 Resp: 68161

Ion Ratio Lower Upper

63 100

112 4.7 4.2 6.4



#38

Bromodichloromethane

Concen: 4.820 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

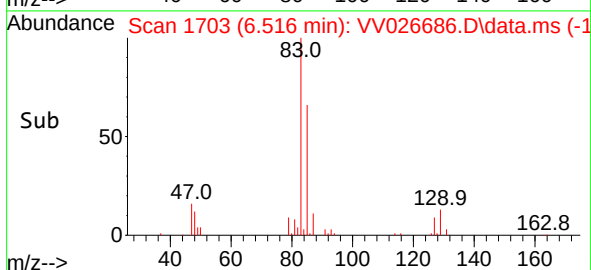
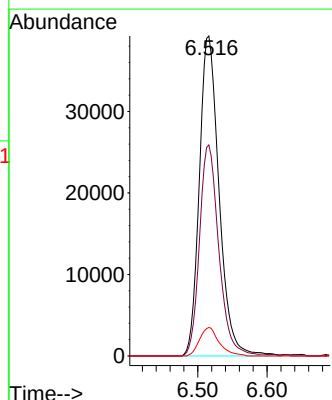
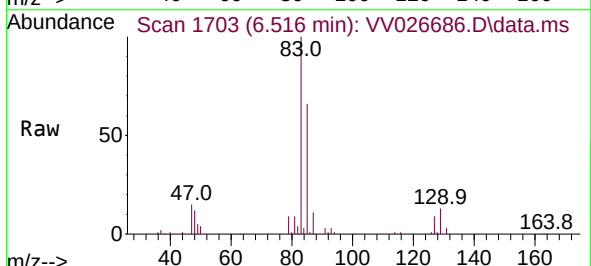
Tgt Ion: 83 Resp: 77780

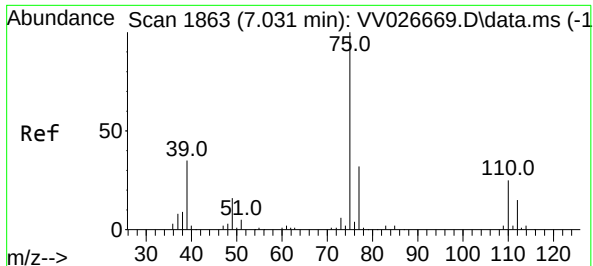
Ion Ratio Lower Upper

83 100

85 66.0 44.0 81.8

127 8.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.218 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

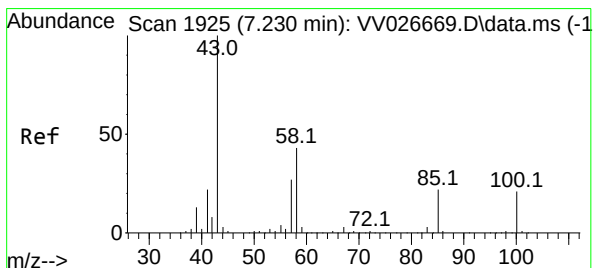
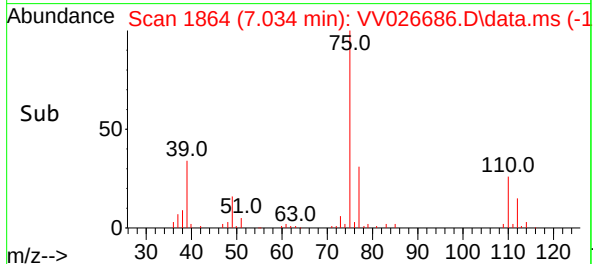
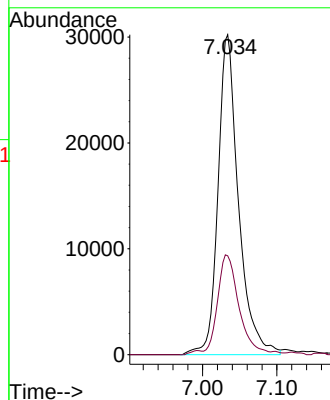
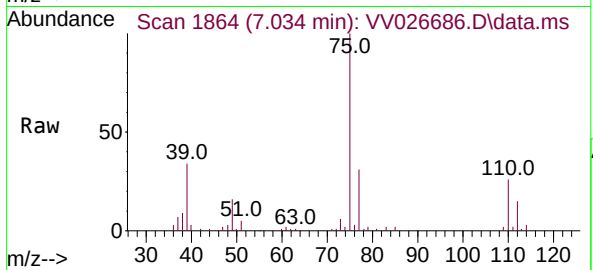
VSTD005346

Tgt Ion: 75 Resp: 57962

Ion Ratio Lower Upper

75 100

77 30.9 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 56.751 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

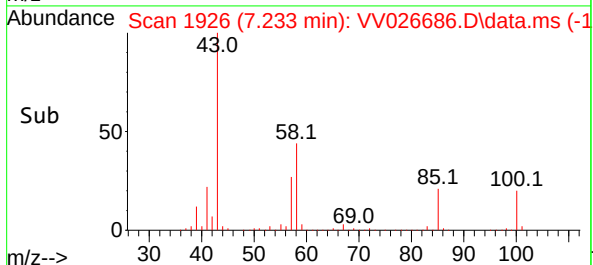
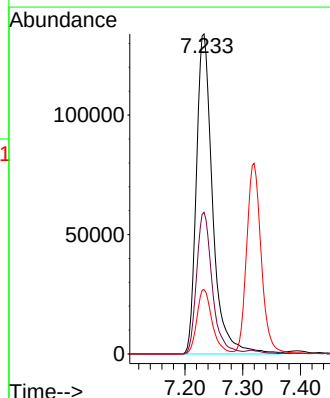
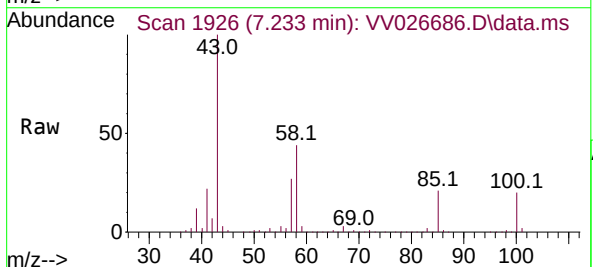
Tgt Ion: 43 Resp: 262060

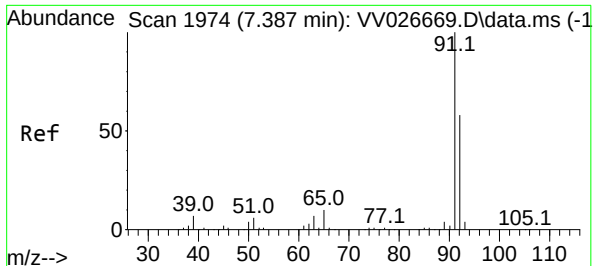
Ion Ratio Lower Upper

43 100

58 42.6 33.3 49.9

100 19.0 14.3 21.5





#42

Toluene

Concen: 4.980 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

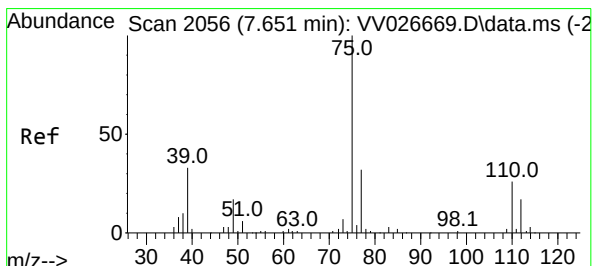
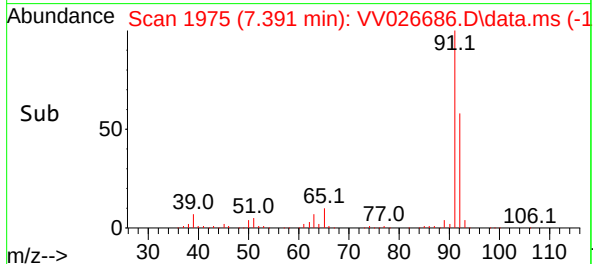
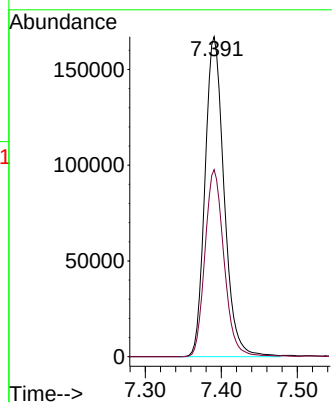
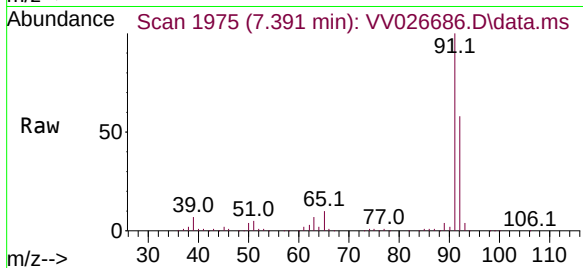
VSTD005346

Tgt Ion: 91 Resp: 291576

Ion Ratio Lower Upper

91 100

92 58.5 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.229 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VV026686.D

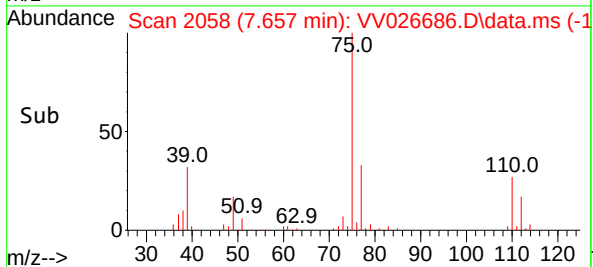
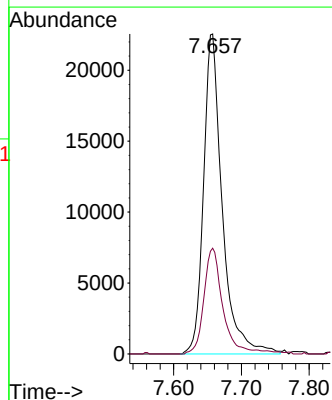
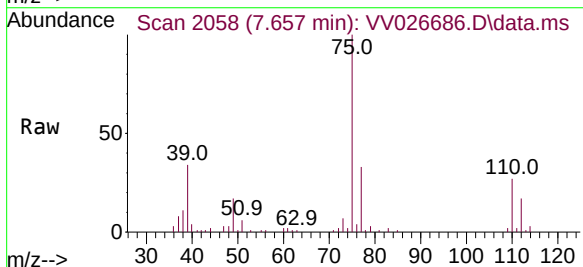
Acq: 07 Jul 2022 21:00

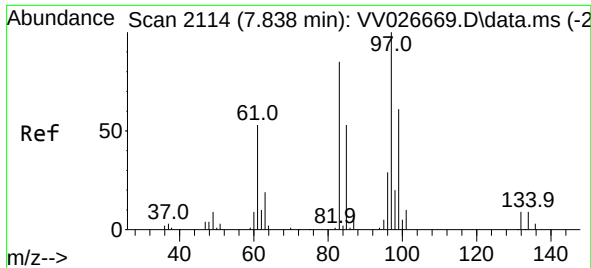
Tgt Ion: 75 Resp: 43225

Ion Ratio Lower Upper

75 100

77 33.0 23.1 42.9

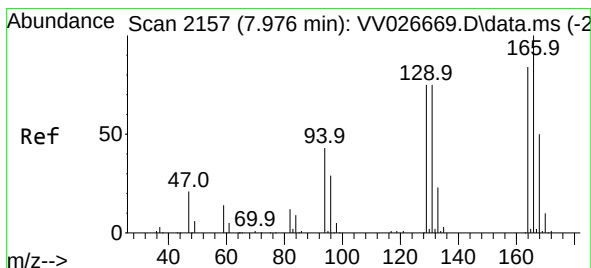
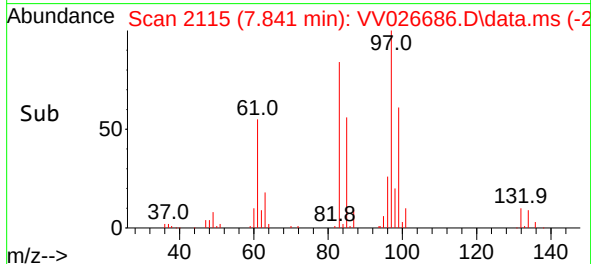
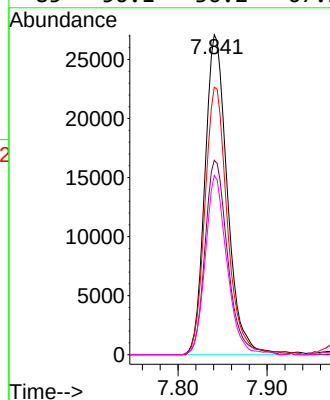
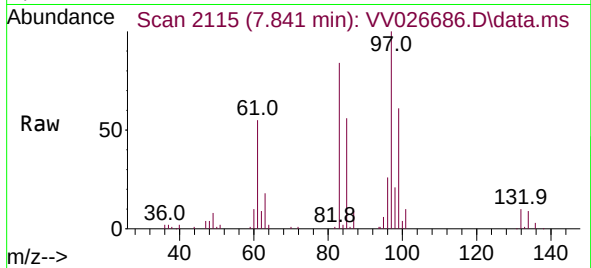




#45
1,1,2-Trichloroethane
Concen: 5.498 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

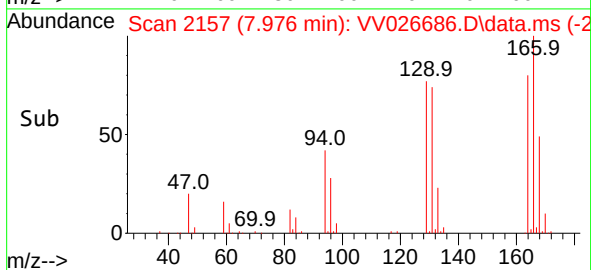
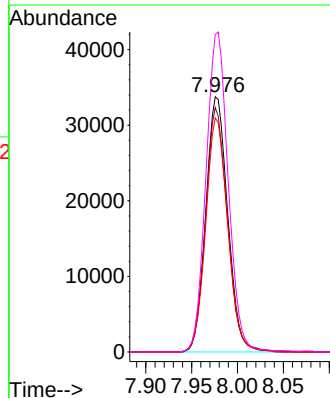
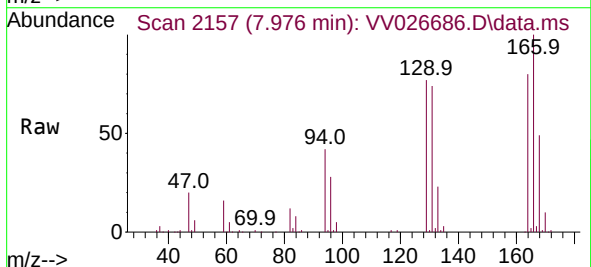
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

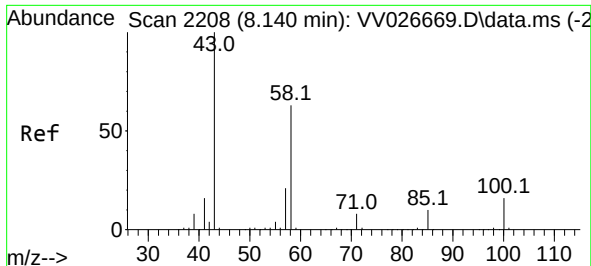
Tgt Ion:	97	Resp:	47398
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.4	80.6
83	83.6	58.0	107.8
85	56.1	36.2	67.2



#47
Tetrachloroethene
Concen: 4.735 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

Tgt Ion:	164	Resp:	56214
Ion	Ratio	Lower	Upper
164	100		
129	95.7	66.4	123.2
131	91.7	64.4	119.6
166	124.4	88.1	163.7

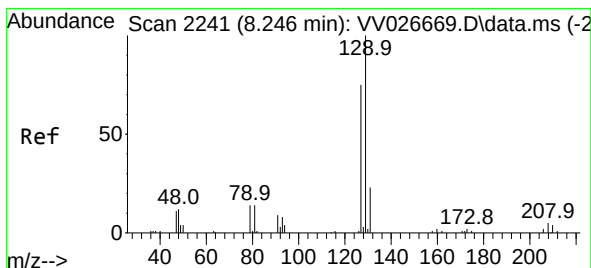
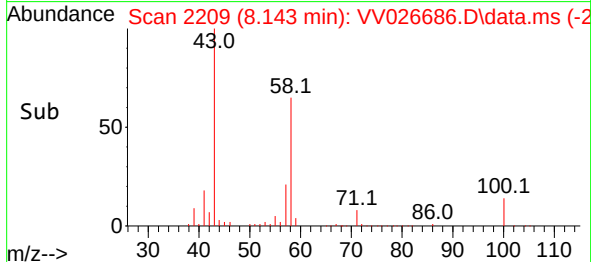
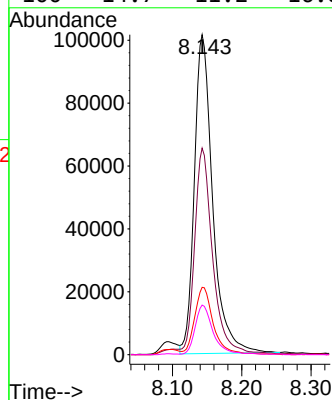
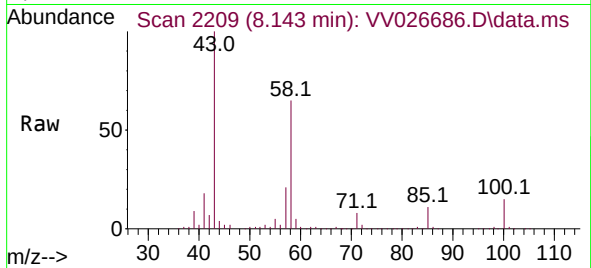




#48
2-Hexanone
Concen: 58.204 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

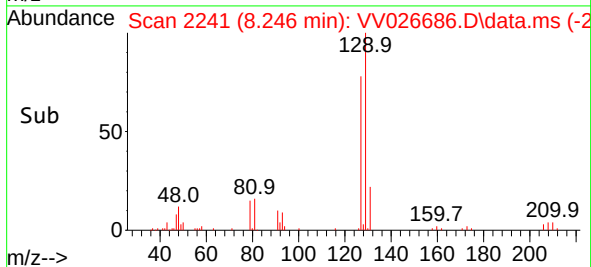
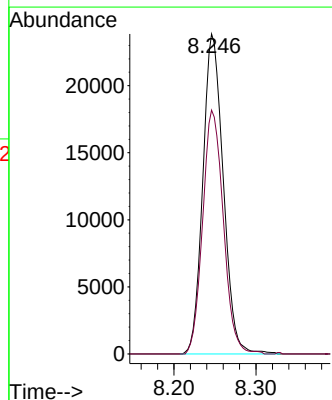
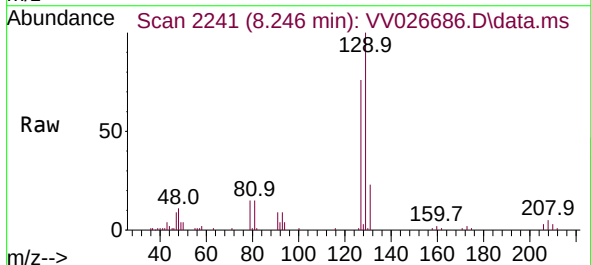
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

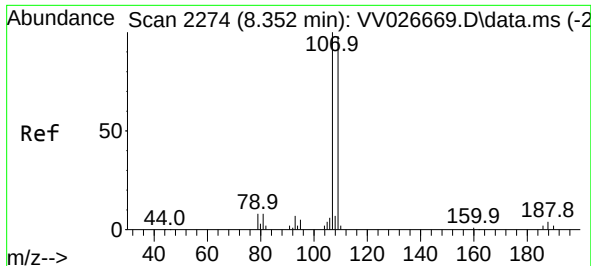
Tgt Ion: 43 Resp: 187092
Ion Ratio Lower Upper
43 100
58 63.4 47.8 71.6
57 20.5 15.0 22.6
100 14.7 11.2 16.8



#49
Dibromochloromethane
Concen: 4.722 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

Tgt Ion: 129 Resp: 41220
Ion Ratio Lower Upper
129 100
127 76.2 54.2 100.6





#50

1,2-Dibromoethane

Concen: 5.501 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

VSTD005346

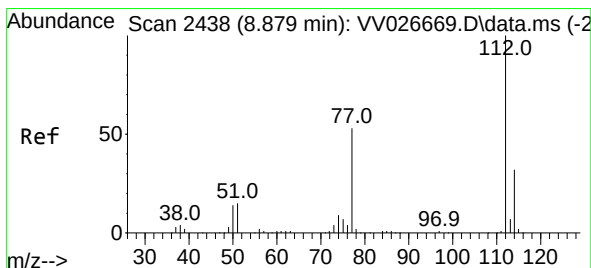
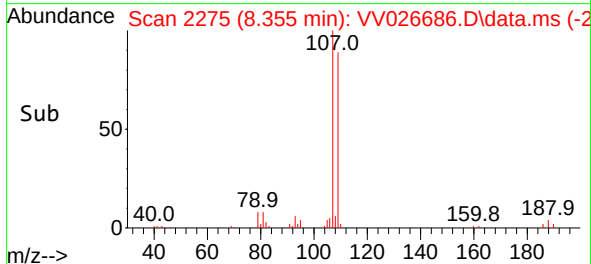
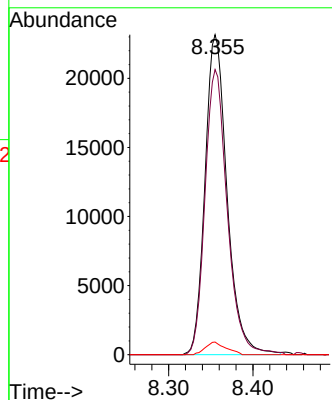
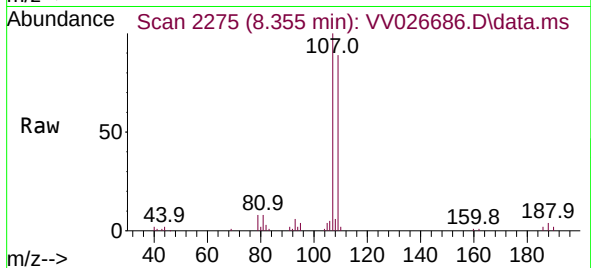
Tgt Ion:107 Resp: 42169

Ion Ratio Lower Upper

107 100

109 89.1 67.8 125.8

188 3.9 3.2 4.8



#51

Chlorobenzene

Concen: 4.923 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

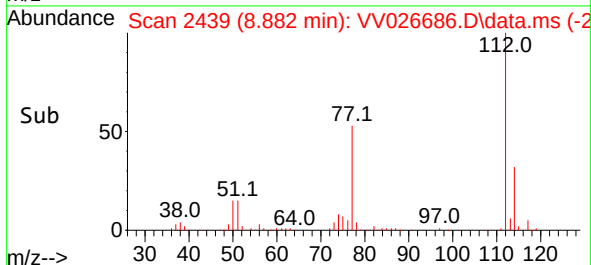
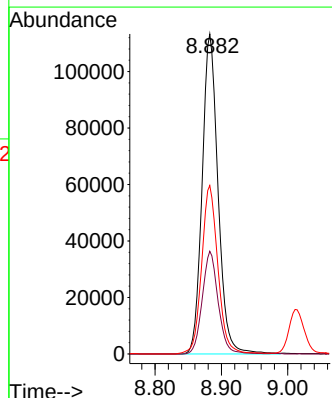
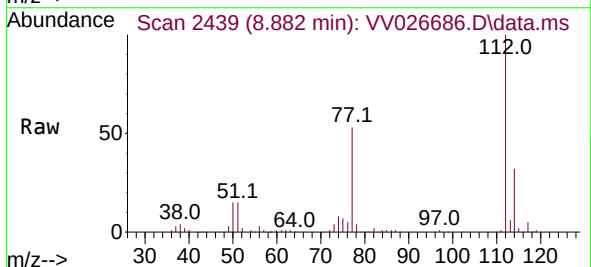
Tgt Ion:112 Resp: 188832

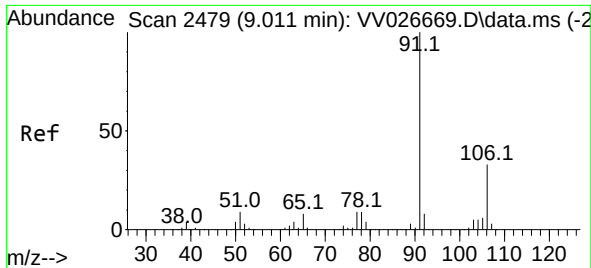
Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.5

77 52.6 44.4 66.6





#52

Ethylbenzene

Concen: 4.626 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

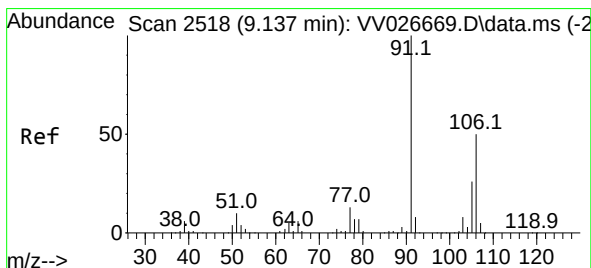
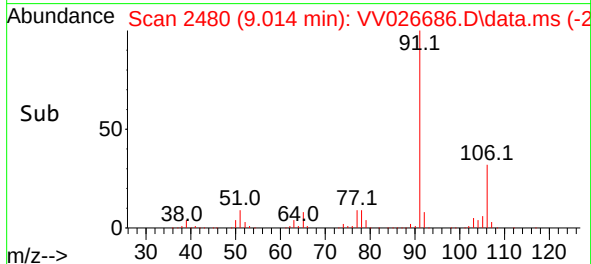
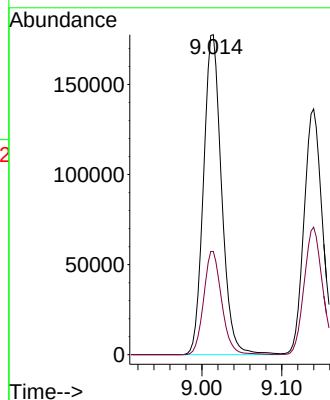
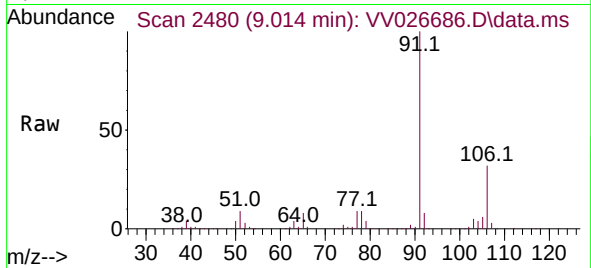
VSTD005346

Tgt Ion: 91 Resp: 280134

Ion Ratio Lower Upper

91 100

106 32.2 22.1 41.1



#53

m,p-Xylene

Concen: 4.880 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV026686.D

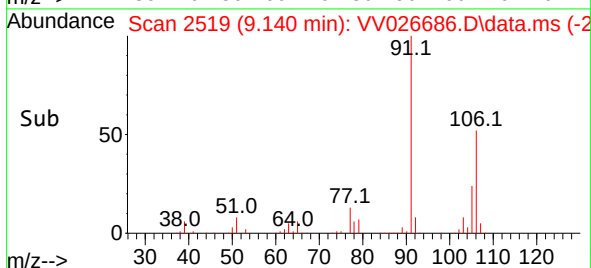
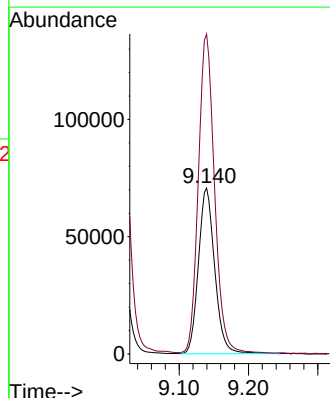
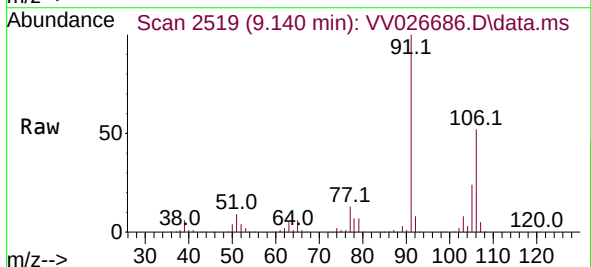
Acq: 07 Jul 2022 21:00

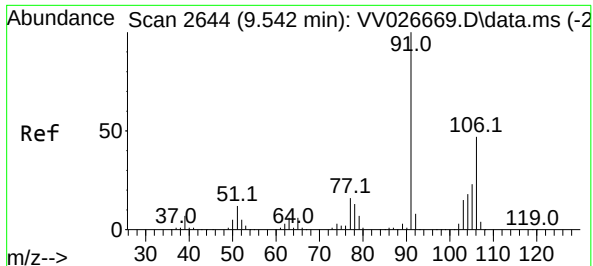
Tgt Ion: 106 Resp: 115295

Ion Ratio Lower Upper

106 100

91 192.8 139.9 259.9

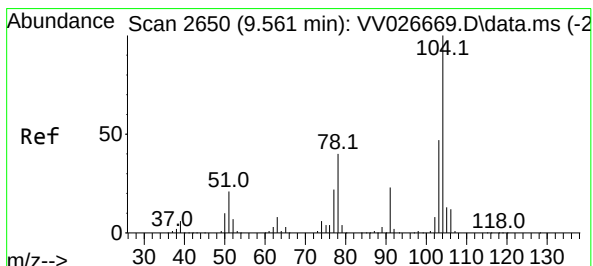
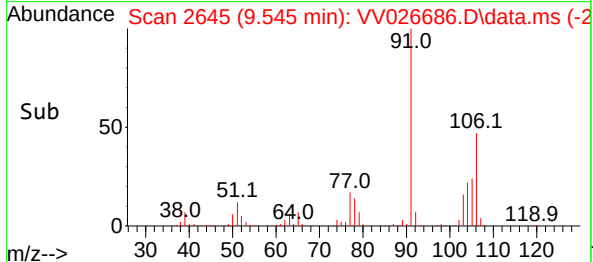
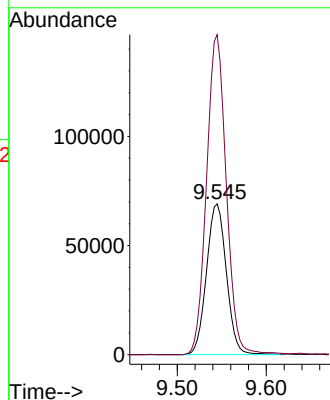
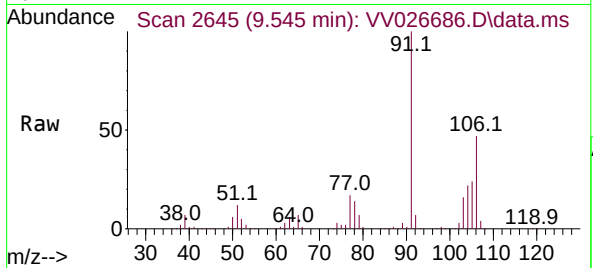




#54
o-Xylene
Concen: 4.832 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

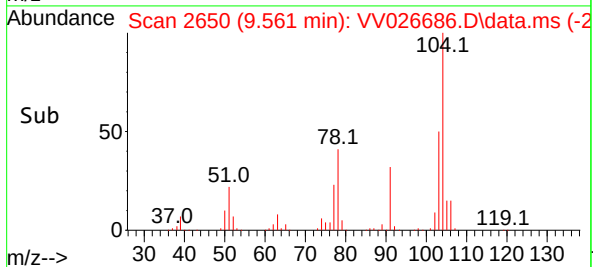
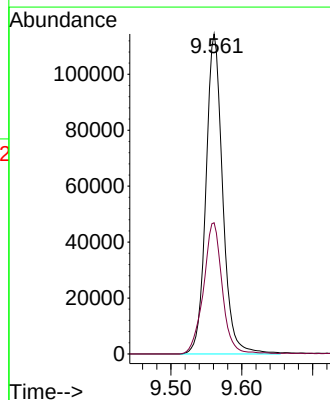
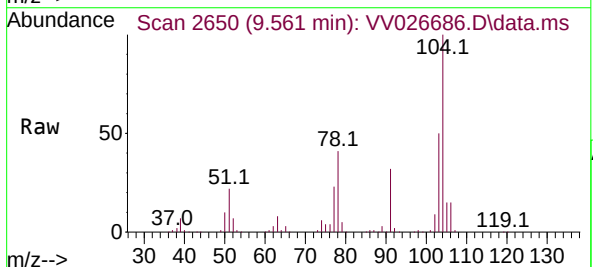
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

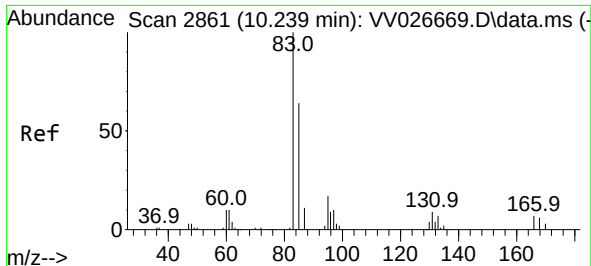
Tgt Ion:106 Resp: 107137
Ion Ratio Lower Upper
106 100
91 212.2 147.5 273.9



#55
Styrene
Concen: 5.112 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

Tgt Ion:104 Resp: 187744
Ion Ratio Lower Upper
104 100
78 41.0 28.4 52.8

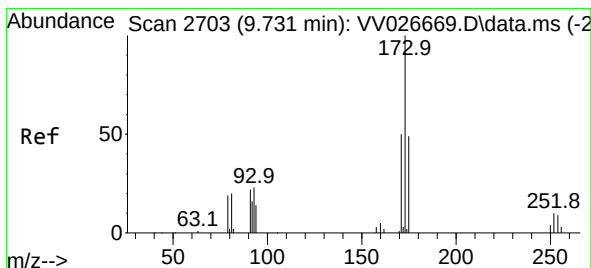
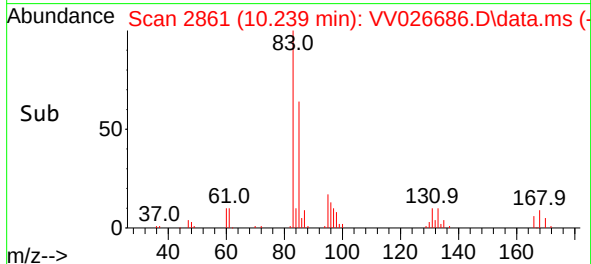
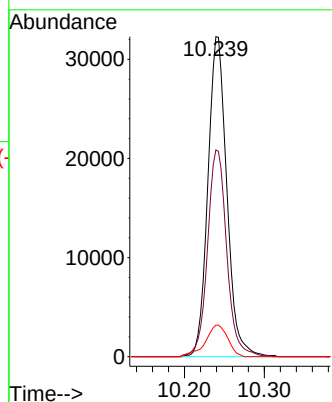
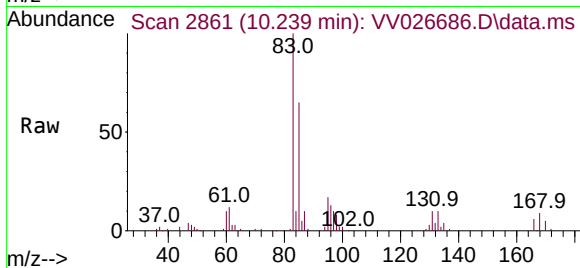




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.527 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV026686.D
 Acq: 07 Jul 2022 21:00

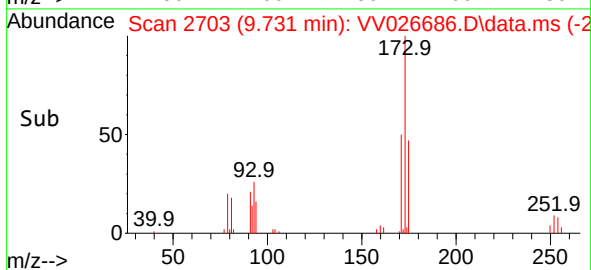
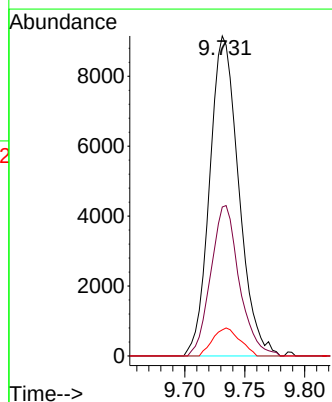
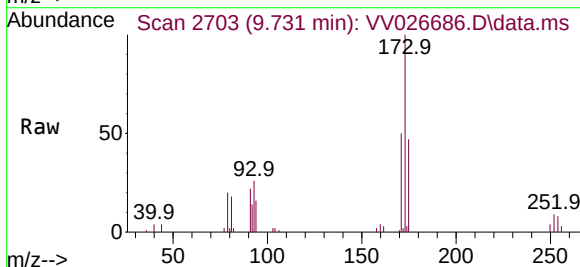
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

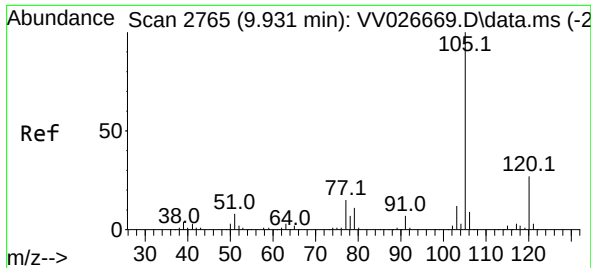
Tgt Ion: 83 Resp: 53203
 Ion Ratio Lower Upper
 83 100
 85 64.6 44.3 82.3
 131 9.9 8.0 12.0



#59
 Bromoform
 Concen: 4.221 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV026686.D
 Acq: 07 Jul 2022 21:00

Tgt Ion: 173 Resp: 15416
 Ion Ratio Lower Upper
 173 100
 175 46.0 37.9 56.9
 254 8.1 6.3 9.5

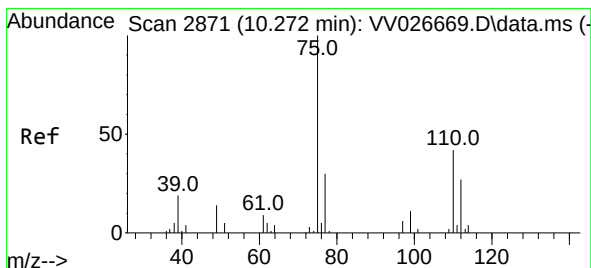
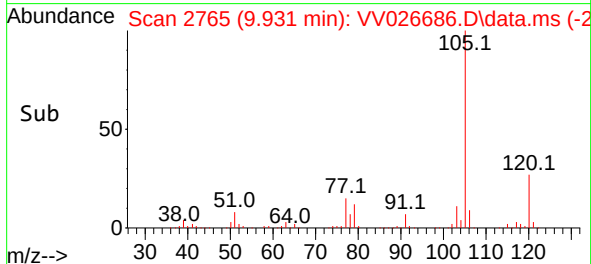
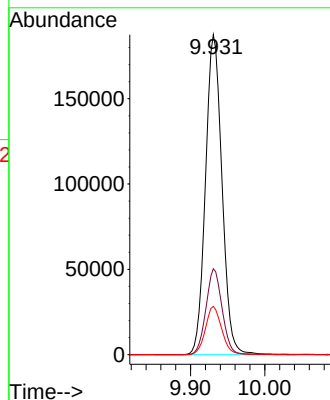
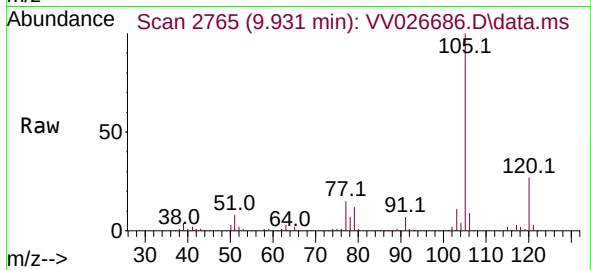




#60
Isopropylbenzene
Concen: 4.725 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

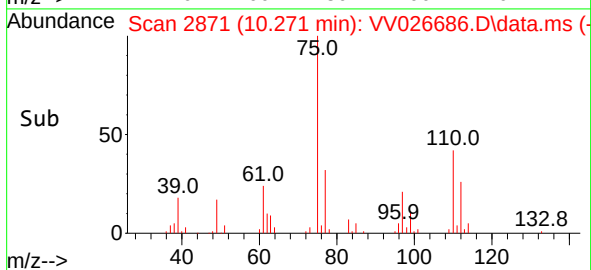
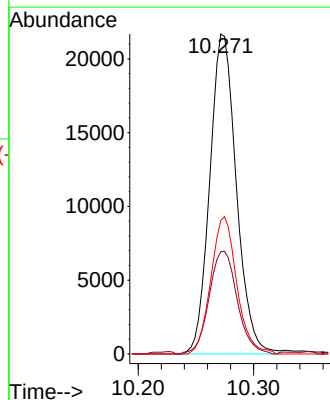
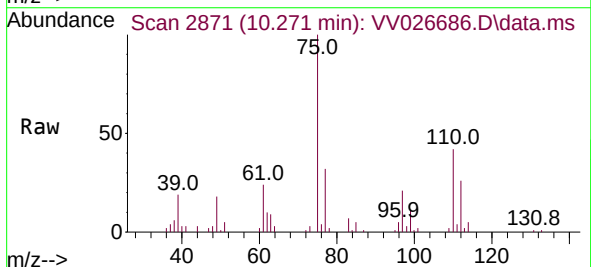
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

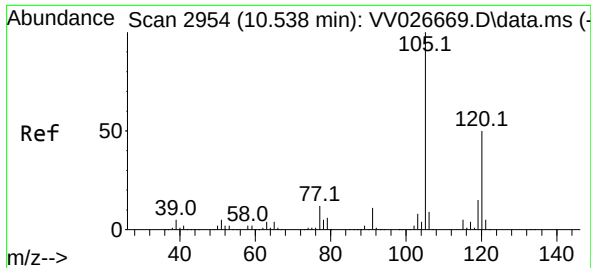
Tgt Ion:105 Resp: 288844
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.2
77 14.9 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.406 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

Tgt Ion: 75 Resp: 34696
Ion Ratio Lower Upper
75 100
77 33.9 25.8 38.6
110 41.8 32.5 48.7

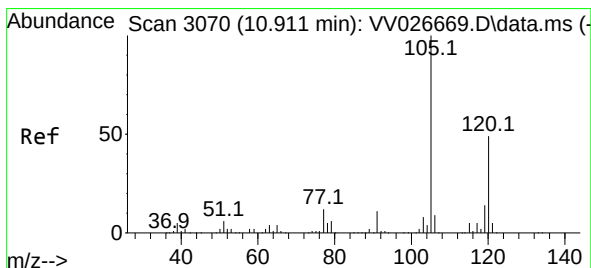
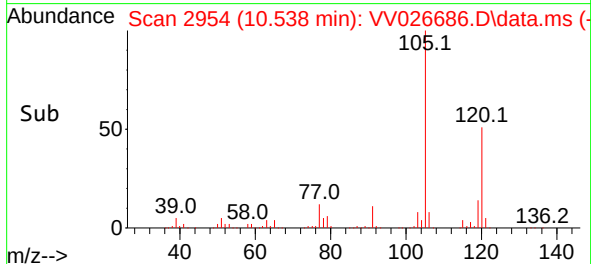
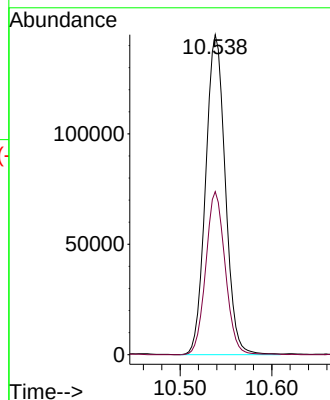
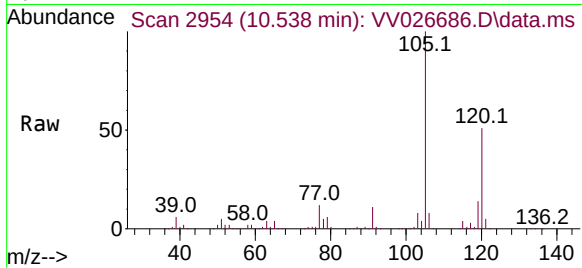




#62
 1,3,5-Trimethylbenzene
 Concen: 4.468 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026686.D
 Acq: 07 Jul 2022 21:00

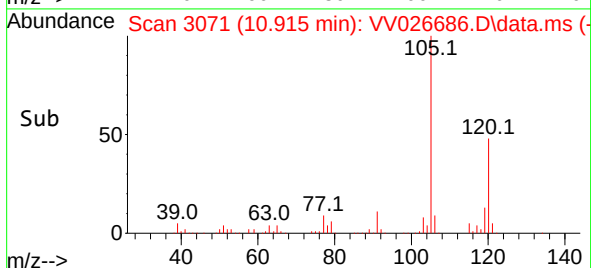
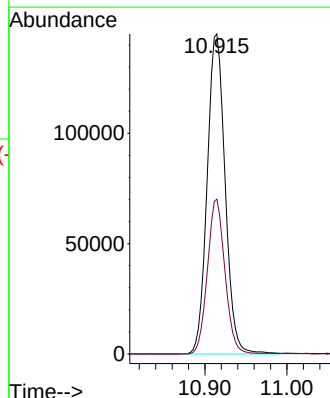
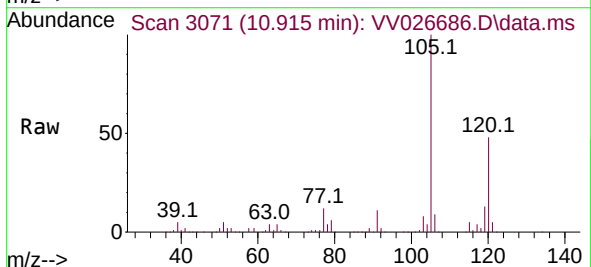
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

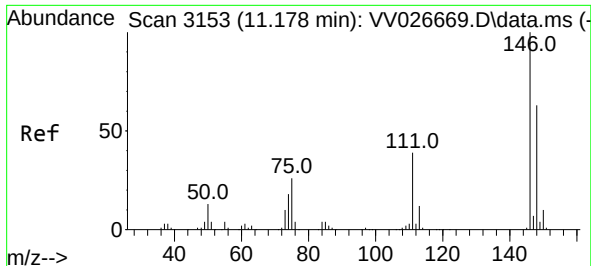
Tgt Ion:105 Resp: 215913
 Ion Ratio Lower Upper
 105 100
 120 50.3 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.623 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV026686.D
 Acq: 07 Jul 2022 21:00

Tgt Ion:105 Resp: 220265
 Ion Ratio Lower Upper
 105 100
 120 47.3 37.4 56.2

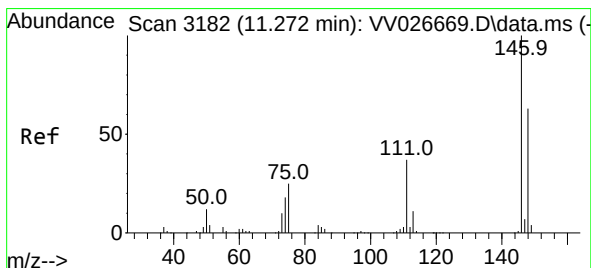
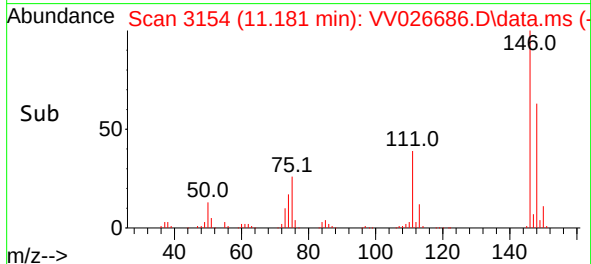
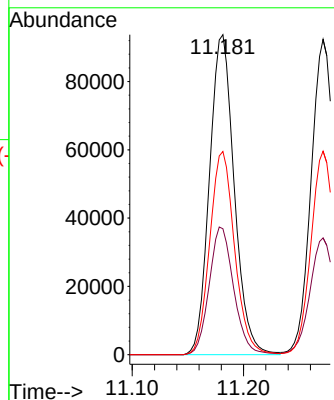
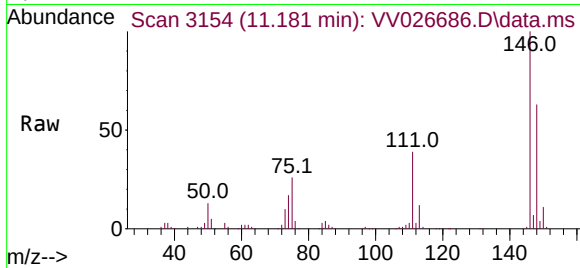




#64
1,3-Dichlorobenzene
Concen: 4.869 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

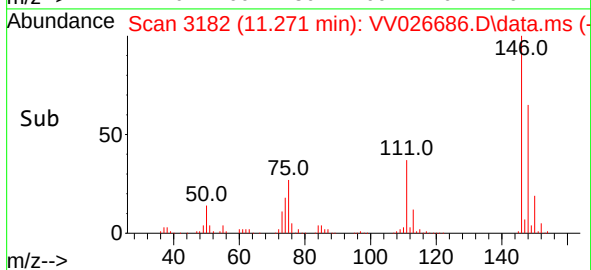
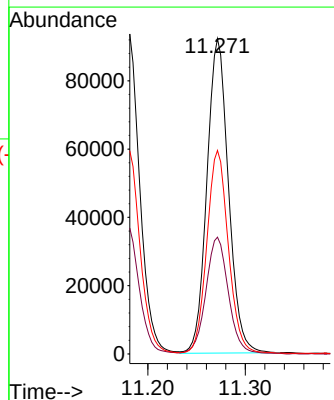
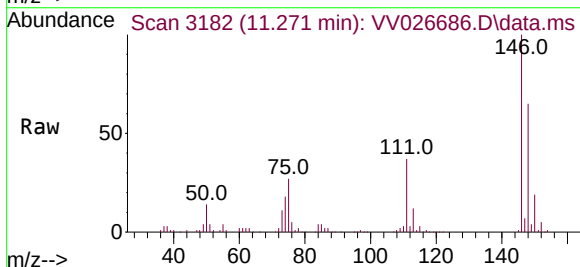
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

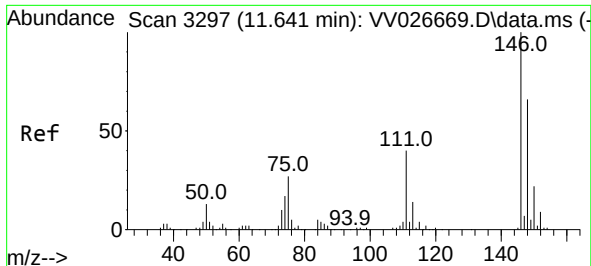
Tgt Ion:146 Resp: 144754
Ion Ratio Lower Upper
146 100
111 39.4 27.9 51.7
148 63.5 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.791 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

Tgt Ion:146 Resp: 141448
Ion Ratio Lower Upper
146 100
111 37.0 26.5 49.3
148 64.6 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 5.102 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

VSTD005346

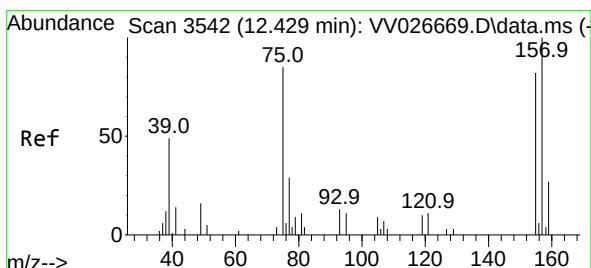
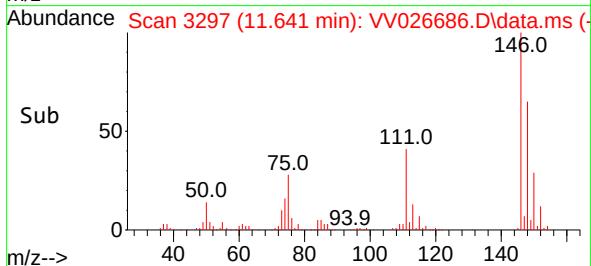
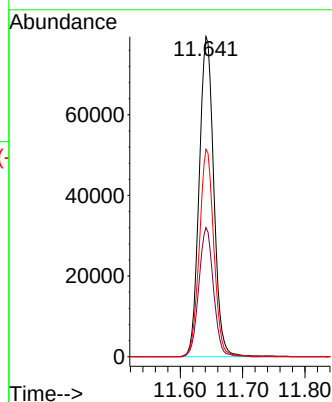
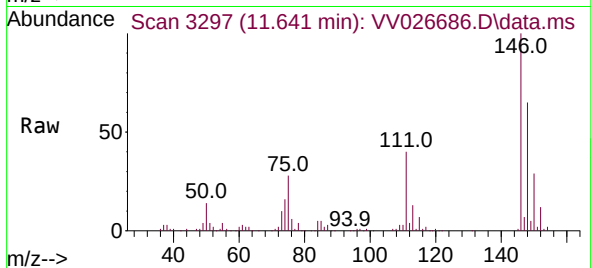
Tgt Ion:146 Resp: 129070

Ion Ratio Lower Upper

146 100

111 40.4 32.8 49.2

148 64.8 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.316 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV026686.D

Acq: 07 Jul 2022 21:00

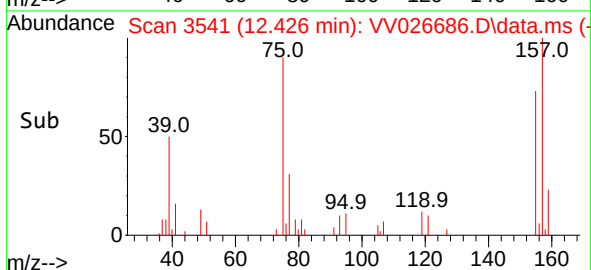
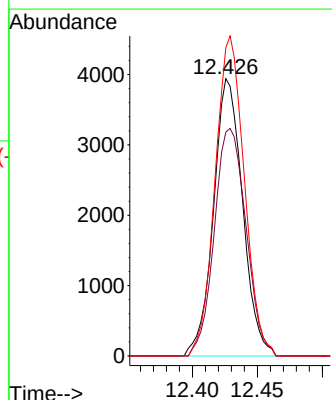
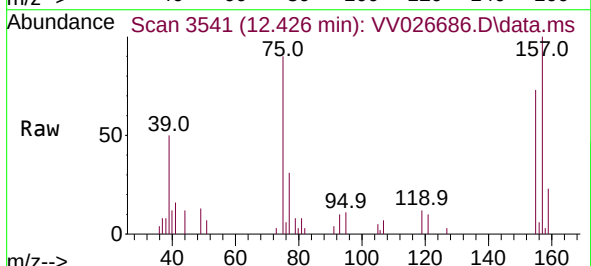
Tgt Ion: 75 Resp: 6119

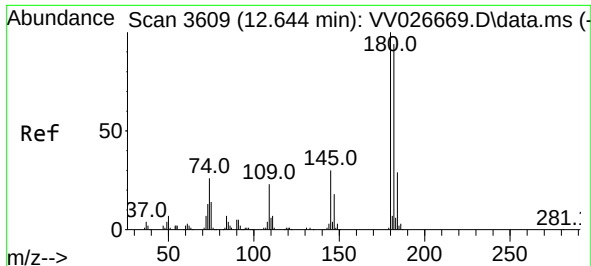
Ion Ratio Lower Upper

75 100

155 80.7 74.7 112.1

157 111.1 96.9 145.3

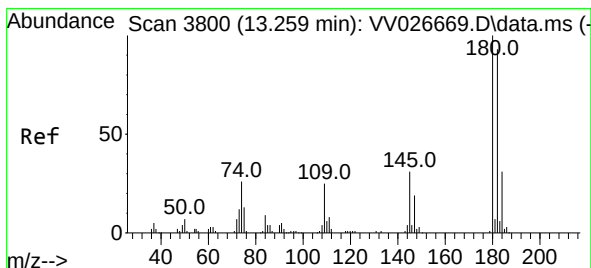
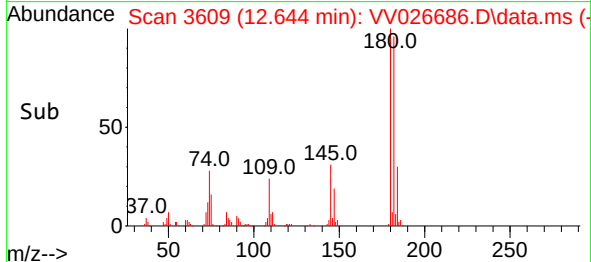
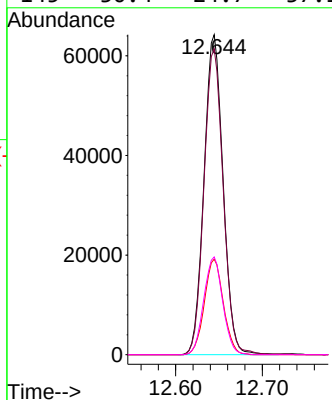
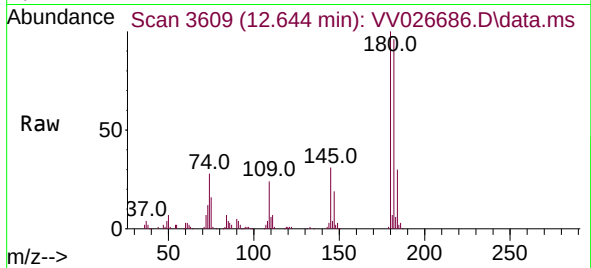




#69
 1,3,5-Trichlorobenzene
 Concen: 4.599 ug/L
 RT: 12.644 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VV026686.D
 Acq: 07 Jul 2022 21:00

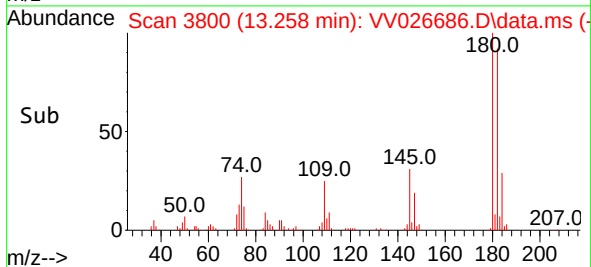
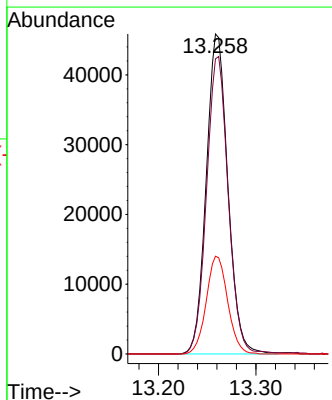
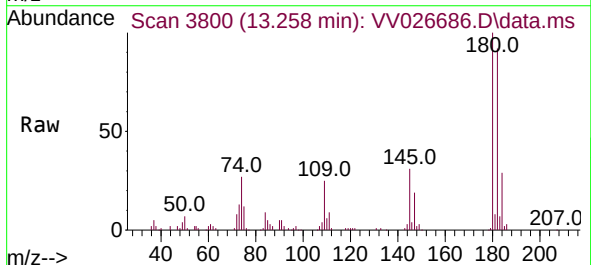
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

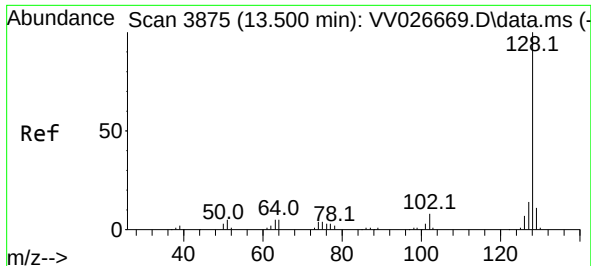
Tgt Ion:180	Resp:	98314
Ion Ratio	Lower	Upper
180	100	
182	96.2	76.6 115.0
184	29.8	24.1 36.1
145	30.4	24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.685 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026686.D
 Acq: 07 Jul 2022 21:00

Tgt Ion:180	Resp:	70728
Ion Ratio	Lower	Upper
180	100	
182	93.4	75.2 112.8
145	30.2	24.4 36.6

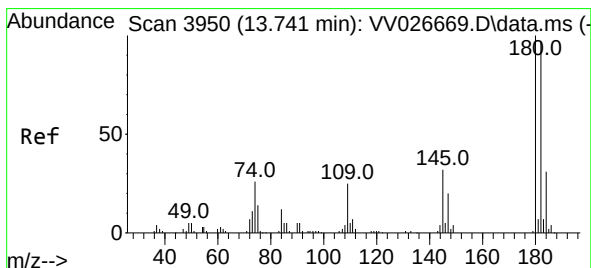
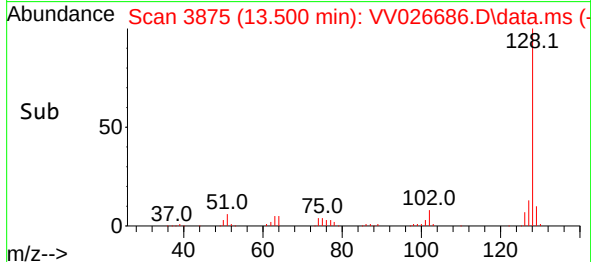
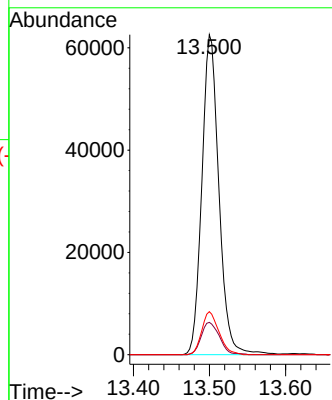
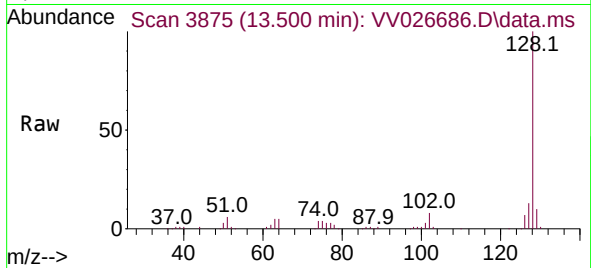




#71
Naphthalene
Concen: 4.940 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

Tgt Ion:128 Resp: 97299
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.6 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.032 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026686.D
Acq: 07 Jul 2022 21:00

Tgt Ion:180 Resp: 62175
Ion Ratio Lower Upper
180 100
182 93.6 76.8 115.2
145 32.8 25.8 38.6

