

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070722\
 Data File : VW026685.D
 Acq On : 07 Jul 2022 20:35
 Operator : SY/MD
 Sample : N3601-09MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB4MSD

Quant Time: Jul 08 03:04:01 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	197091	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	186920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	96094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	63973	4.036	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.581	69	53486	4.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.121	63	119117	4.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	3.918	46	79403	50.388	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.780%
24) Chloroform-d	4.362	84	121795	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.043	65	46250	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.060	84	224787	4.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.076	67	66778	4.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.317	98	210055	4.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.629	79	13726	3.597	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.092	63	72186	49.660	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47440	4.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	66090	4.156	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	62912	4.192	ug/L	99
3) Chloromethane	1.253	50	71906	4.381	ug/L	98
5) Vinyl chloride	1.323	62	79907	4.573	ug/L	93
6) Bromomethane	1.536	94	44362	4.690	ug/L	99
8) Chloroethane	1.597	64	66594	5.603	ug/L #	83
9) Trichlorofluoromethane	1.764	101	115234	4.728	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	69737	4.829	ug/L	99
12) 1,1-Dichloroethene	2.130	96	63699	4.785	ug/L	92
13) Acetone	2.204	43	47826	47.840	ug/L	90
14) Carbon disulfide	2.304	76	169176	4.817	ug/L	98
15) Methyl Acetate	2.455	43	16343	5.669	ug/L	98
16) Methylene chloride	2.519	84	65077	4.605	ug/L	95
17) Methyl tert-butyl Ether	2.786	73	111505	5.139	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	64945	4.782	ug/L	95
19) 1,1-Dichloroethane	3.201	63	119450	4.898	ug/L	99
21) 2-Butanone	4.005	43	87987	58.505	ug/L	98
22) cis-1,2-Dichloroethene	3.925	96	70895	5.257	ug/L	97
23) Bromochloromethane	4.262	128	29625	5.334	ug/L	93
25) Chloroform	4.384	83	130118	4.988	ug/L	98

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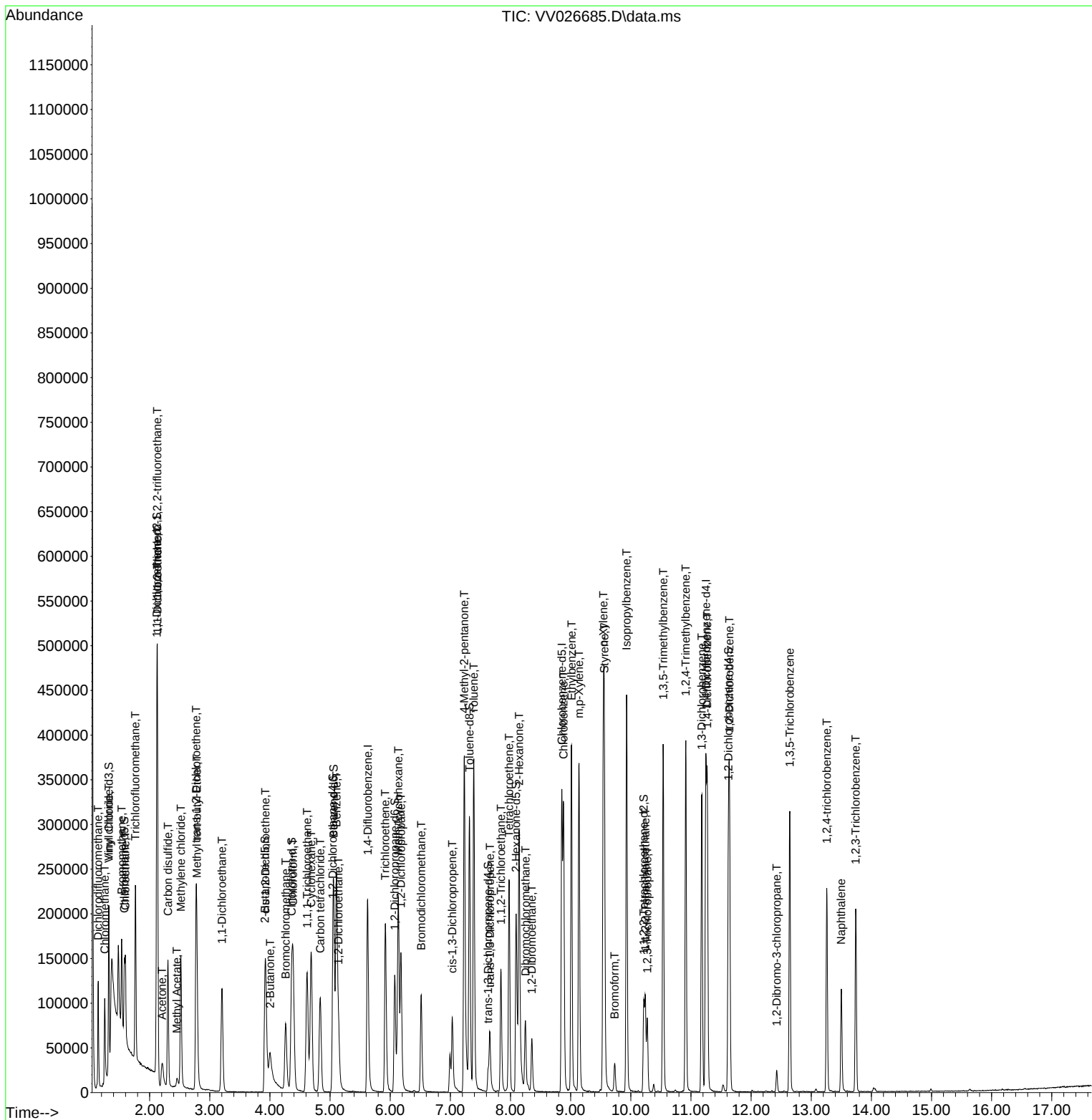
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 ClientSampleId :
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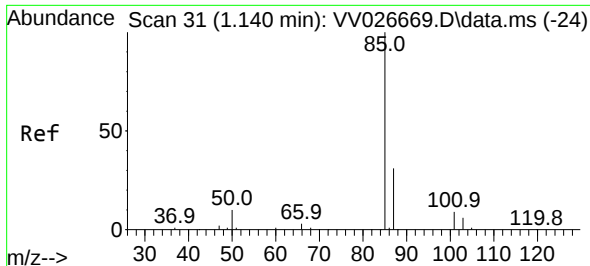
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	58332	5.024	ug/L	96
29) 1,1,1-Trichloroethane	4.619	97	112795	4.904	ug/L	99
30) Cyclohexane	4.687	56	74313	4.081	ug/L	96
31) Carbon tetrachloride	4.838	117	83112	4.308	ug/L	100
33) Benzene	5.108	78	261904	4.799	ug/L	100
34) Trichloroethene	5.918	95	68210	4.754	ug/L	98
35) Methylcyclohexane	6.137	83	87565	4.125	ug/L	99
37) 1,2-Dichloropropane	6.178	63	64005	4.866	ug/L	99
38) Bromodichloromethane	6.516	83	76437	4.922	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	55988	4.235	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	258286	58.130	ug/L	97
42) Toluene	7.391	91	284321	5.046	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	41283	4.198	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	44983	5.423	ug/L	97
47) Tetrachloroethene	7.979	164	55988	4.901	ug/L	99
48) 2-Hexanone	8.143	43	187631	60.664	ug/L	97
49) Dibromochloromethane	8.249	129	41875	4.985	ug/L	97
50) 1,2-Dibromoethane	8.355	107	40323	5.467	ug/L	97
51) Chlorobenzene	8.883	112	181777	4.925	ug/L	99
52) Ethylbenzene	9.014	91	268534	4.608	ug/L	99
53) m,p-Xylene	9.140	106	109408	4.813	ug/L	95
54) o-Xylene	9.545	106	102046	4.783	ug/L	100
55) Styrene	9.561	104	173573	4.911	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	52279	5.644	ug/L	97
59) Bromoform	9.731	173	15236	4.303	ug/L	97
60) Isopropylbenzene	9.931	105	276567	4.667	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	33935	5.454	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	205996	4.397	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	213406	4.620	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	140201	4.864	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	138607	4.843	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	123672	5.042	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	5741	5.144	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	97645	4.711	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	68937	4.710	ug/L	98
71) Naphthalene	13.500	128	96301	5.043	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60915	5.085	ug/L	100

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

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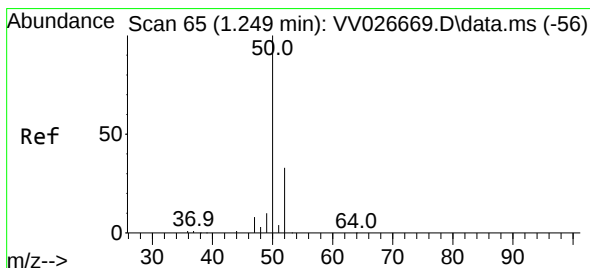
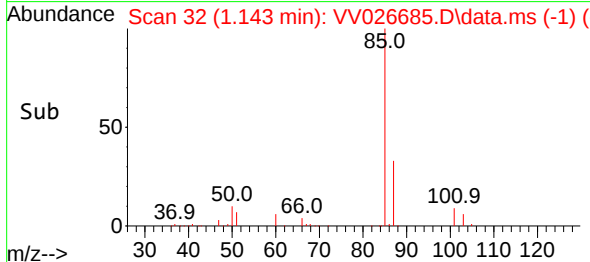
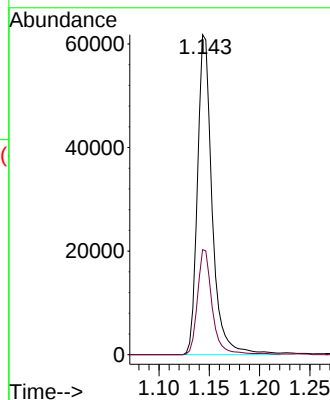
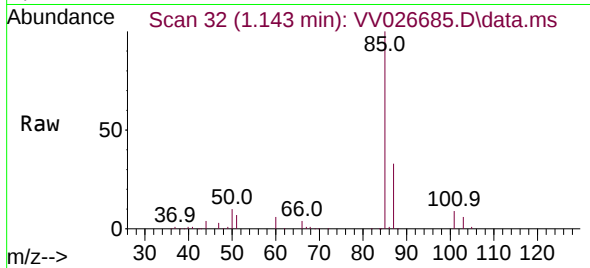




#2
 Dichlorodifluoromethane
 Concen: 4.192 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026685.D
 Acq: 07 Jul 2022 20:35

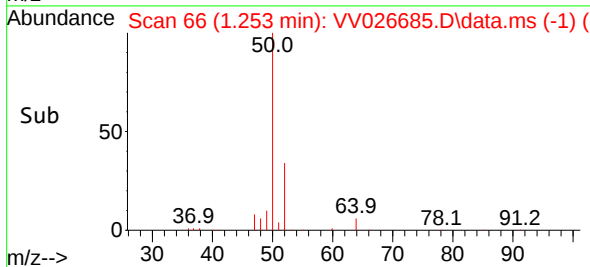
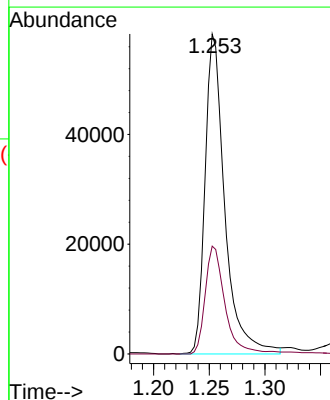
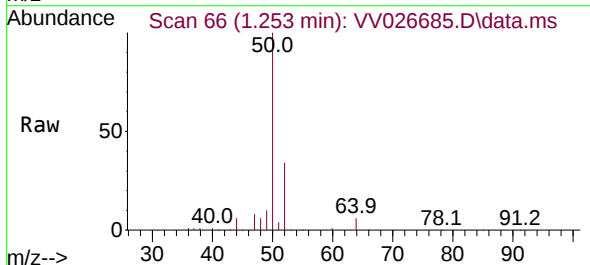
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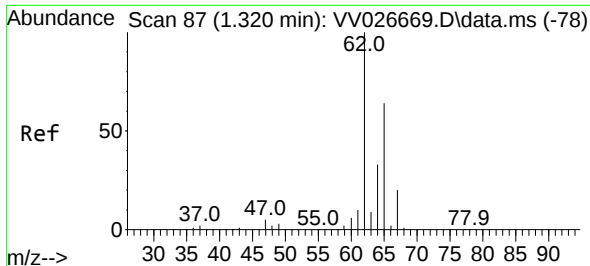
Tgt Ion: 85 Resp: 62912
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.6 38.4



#3
 Chloromethane
 Concen: 4.381 ug/L
 RT: 1.253 min Scan# 66
 Delta R.T. 0.003 min
 Lab File: VV026685.D
 Acq: 07 Jul 2022 20:35

Tgt Ion: 50 Resp: 71906
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.0 42.6

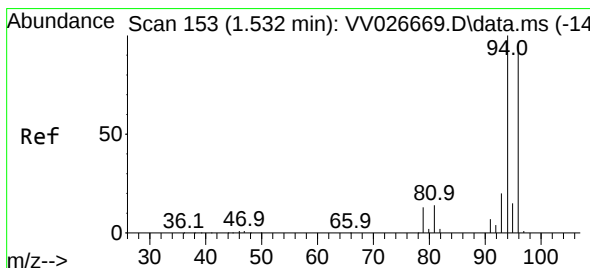
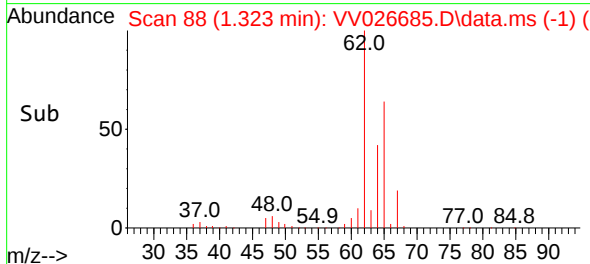
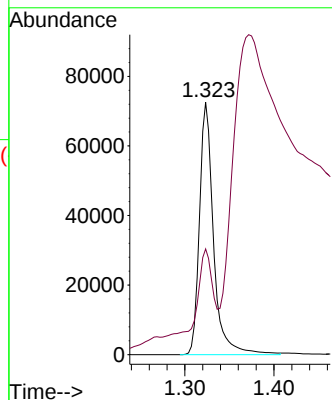
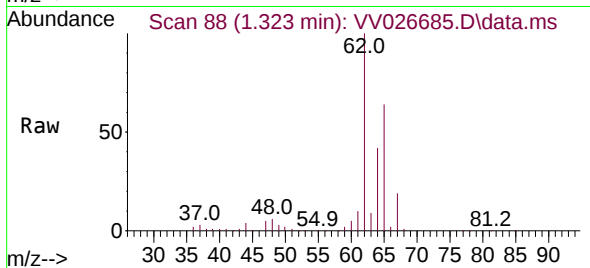




#5
 Vinyl chloride
 Concen: 4.573 ug/L
 RT: 1.323 min Scan# 87
 Delta R.T. 0.003 min
 Lab File: VV026685.D
 Acq: 07 Jul 2022 20:35

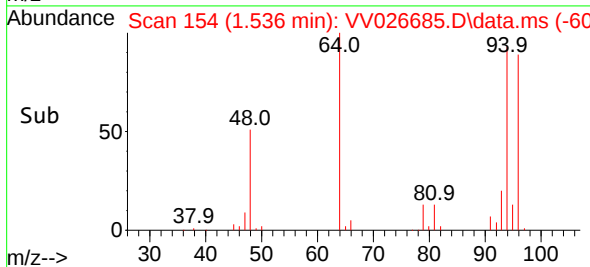
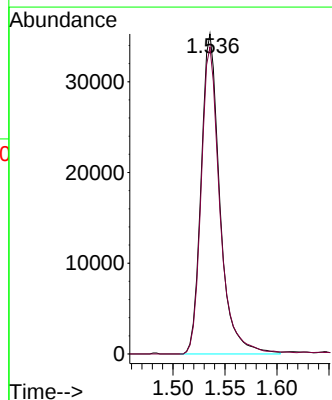
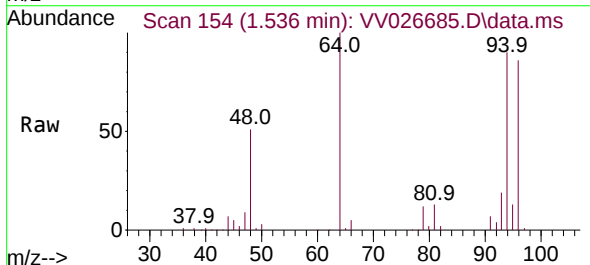
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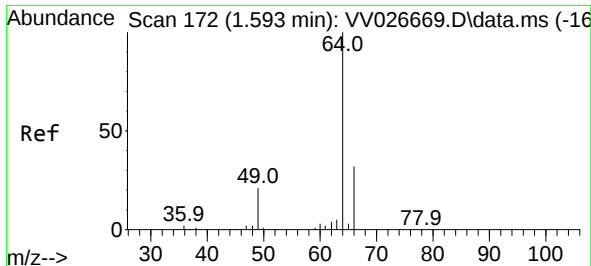
Tgt Ion: 62 Resp: 79907
 Ion Ratio Lower Upper
 62 100
 64 41.9 26.2 48.6



#6
 Bromomethane
 Concen: 4.690 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. 0.003 min
 Lab File: VV026685.D
 Acq: 07 Jul 2022 20:35

Tgt Ion: 94 Resp: 44362
 Ion Ratio Lower Upper
 94 100
 96 95.9 68.0 126.2

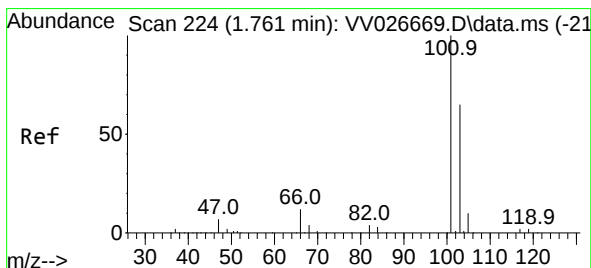
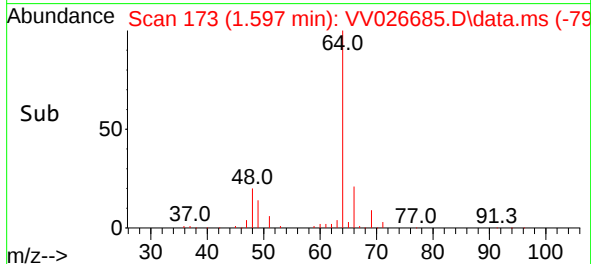
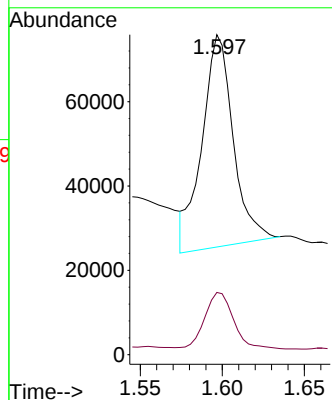
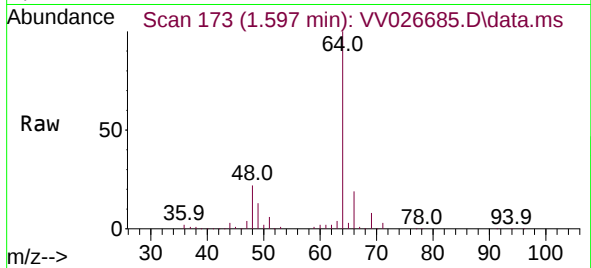




#8
Chloroethane
Concen: 5.603 ug/L
RT: 1.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

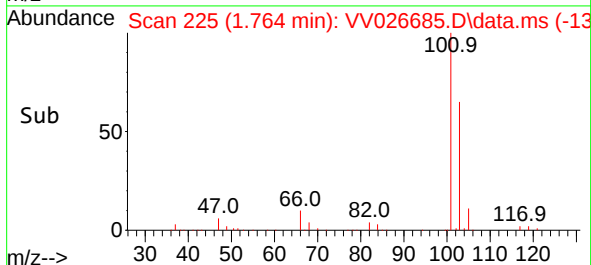
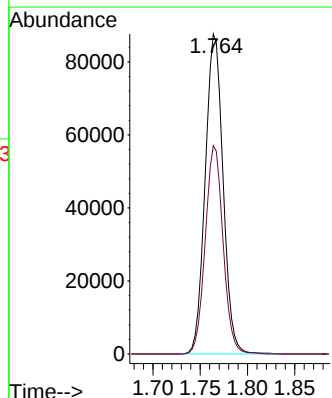
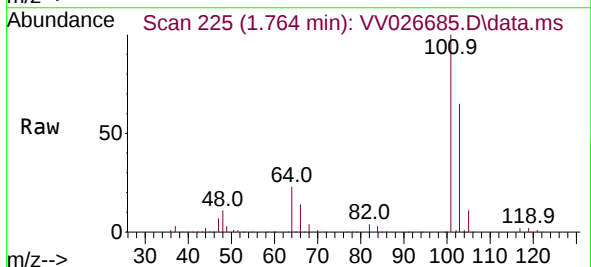
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ClientSampleId :
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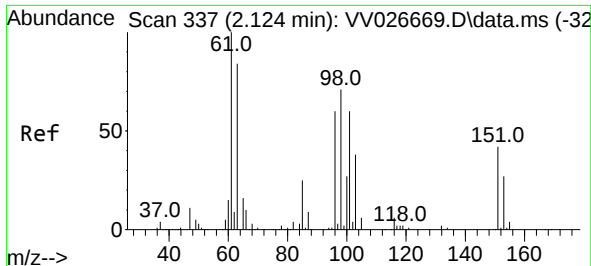
Tgt Ion: 64 Resp: 66594
Ion Ratio Lower Upper
64 100
66 19.5 20.0 37.2#



#9
Trichlorofluoromethane
Concen: 4.728 ug/L
RT: 1.764 min Scan# 225
Delta R.T. 0.003 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Tgt Ion:101 Resp: 115234
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

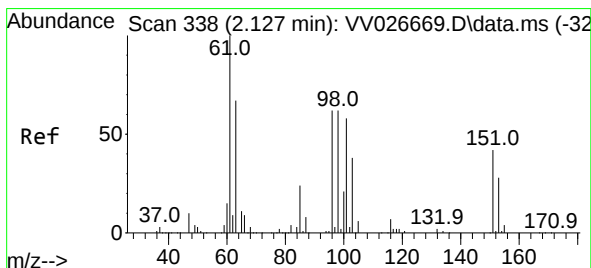
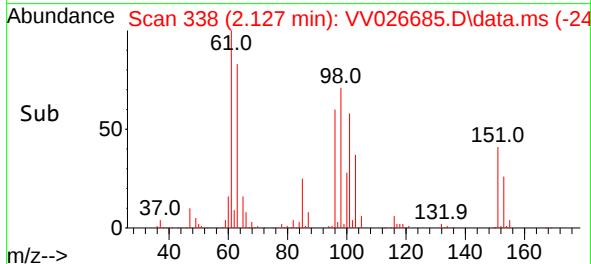
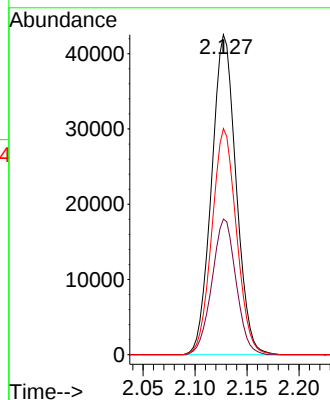
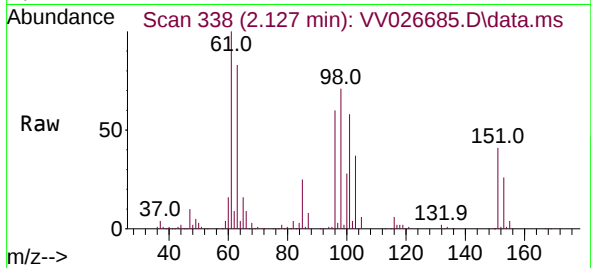




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.829 ug/L
RT: 2.127 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

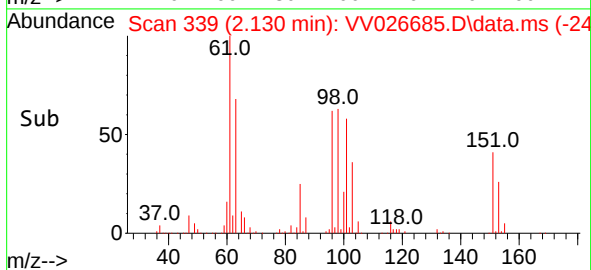
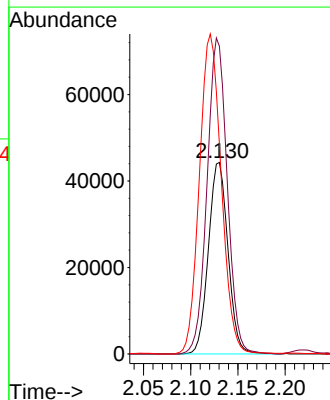
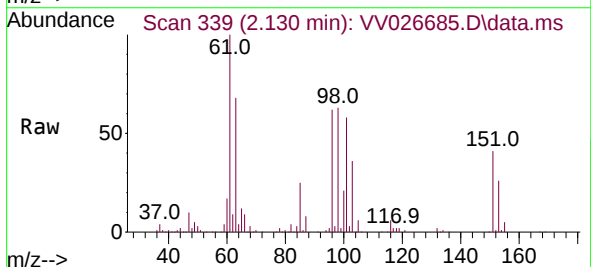
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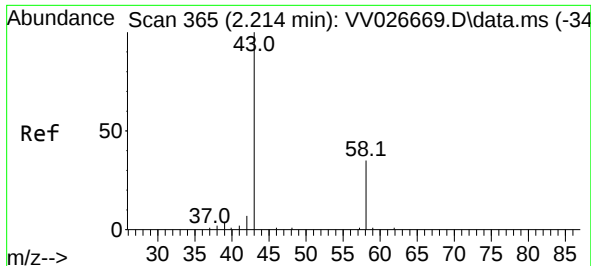
Tgt Ion:101 Resp: 69737
Ion Ratio Lower Upper
101 100
85 41.7 34.2 51.4
151 71.0 56.8 85.2



#12
1,1-Dichloroethene
Concen: 4.785 ug/L
RT: 2.130 min Scan# 339
Delta R.T. 0.003 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Tgt Ion: 96 Resp: 63699
Ion Ratio Lower Upper
96 100
61 160.7 115.4 214.4
63 109.6 87.4 162.2

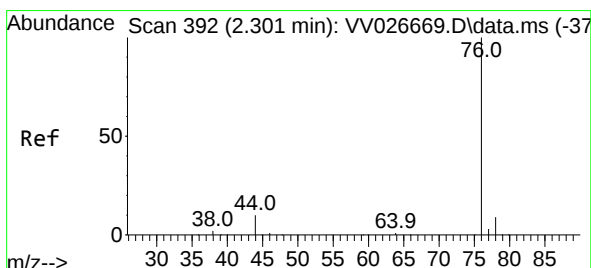
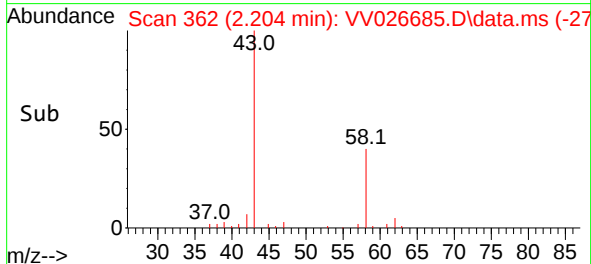
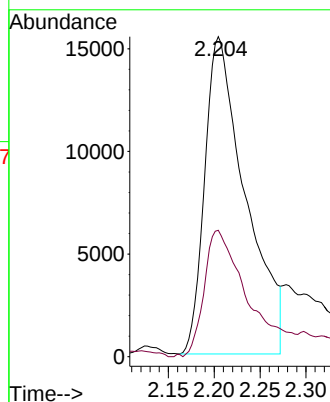
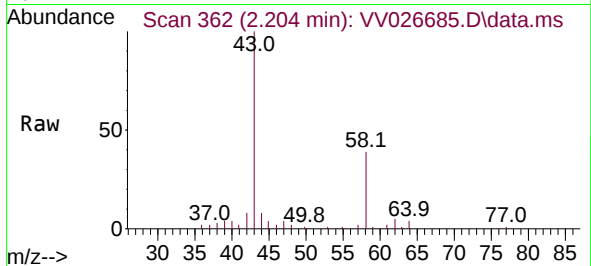




#13
Acetone
Concen: 47.840 ug/L
RT: 2.204 min Scan# 30
Delta R.T. -0.010 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

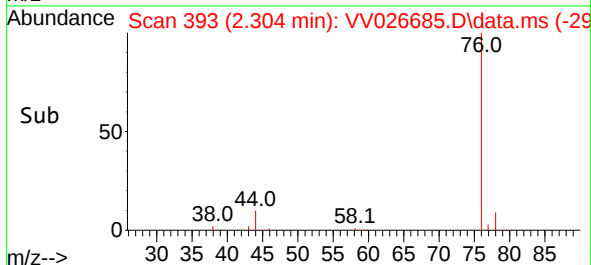
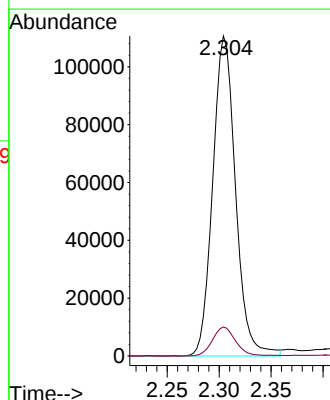
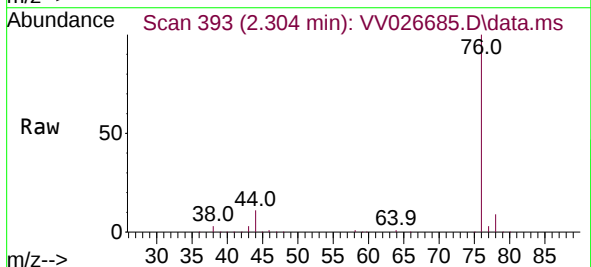
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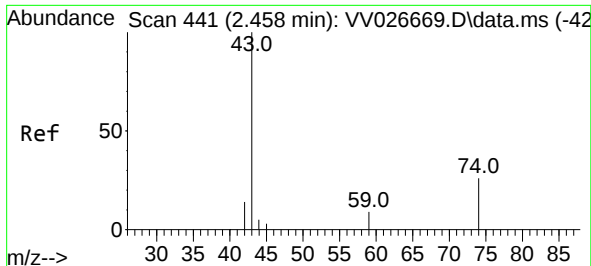
Tgt Ion: 43 Resp: 47826
Ion Ratio Lower Upper
43 100
58 43.4 0.0 75.0



#14
Carbon disulfide
Concen: 4.817 ug/L
RT: 2.304 min Scan# 393
Delta R.T. 0.003 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Tgt Ion: 76 Resp: 169176
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.6

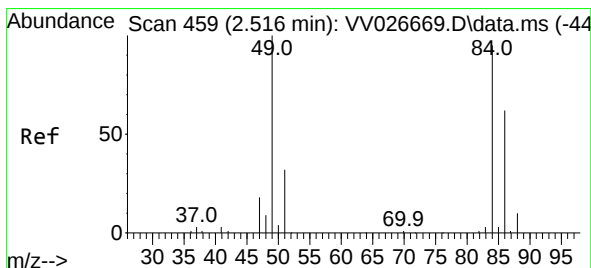
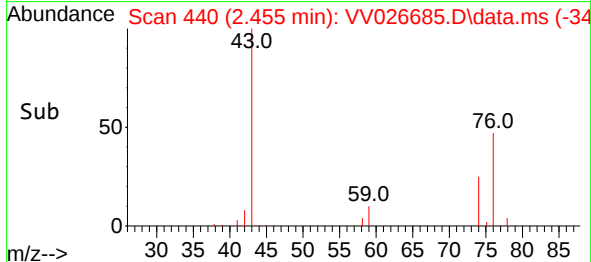
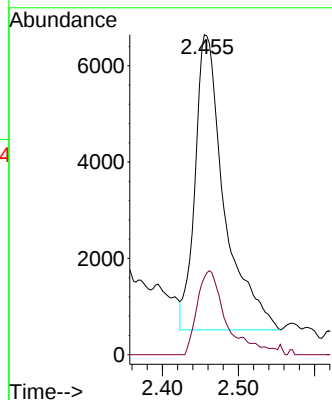
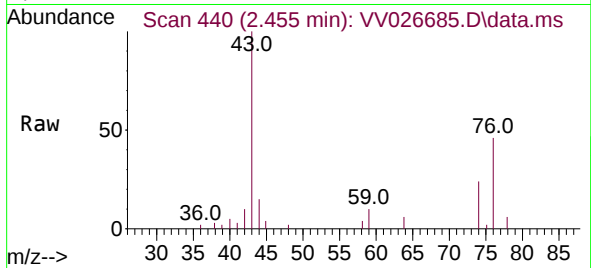




#15
Methyl Acetate
Concen: 5.669 ug/L
RT: 2.455 min Scan# 441
Delta R.T. -0.003 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

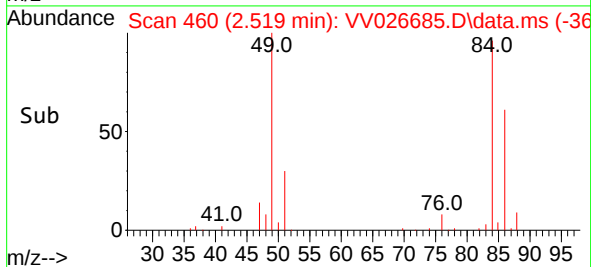
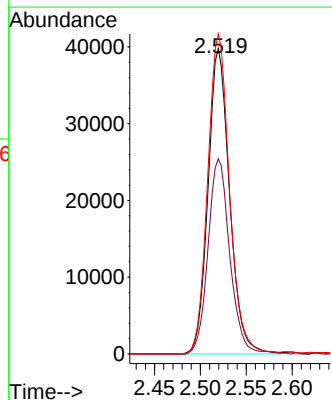
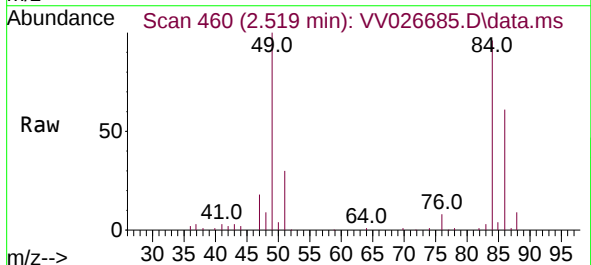
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MSD

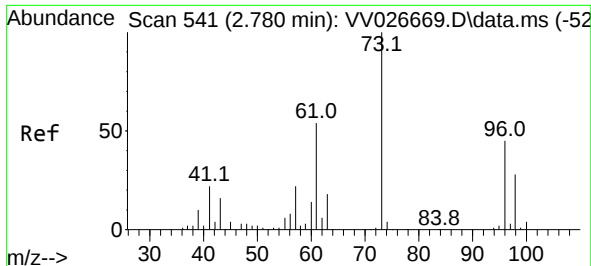
Tgt Ion: 43 Resp: 16343
Ion Ratio Lower Upper
43 100
74 28.4 22.1 33.1



#16
Methylene chloride
Concen: 4.605 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Tgt Ion: 84 Resp: 65077
Ion Ratio Lower Upper
84 100
86 63.9 46.0 85.4
49 104.7 77.7 144.3

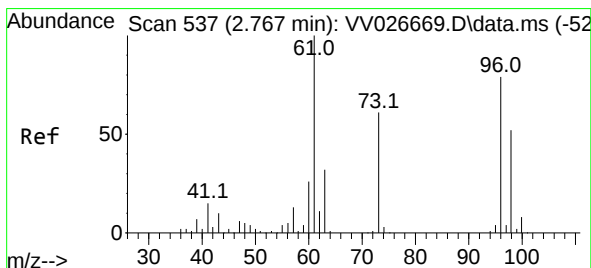
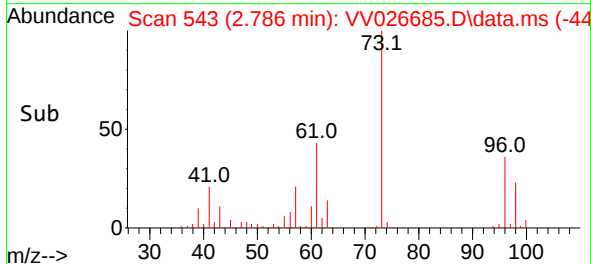
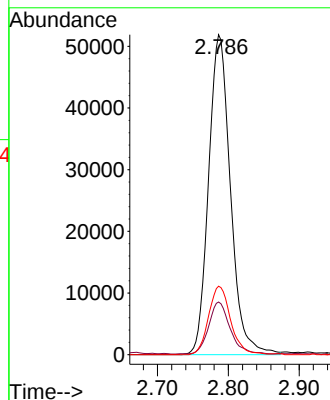
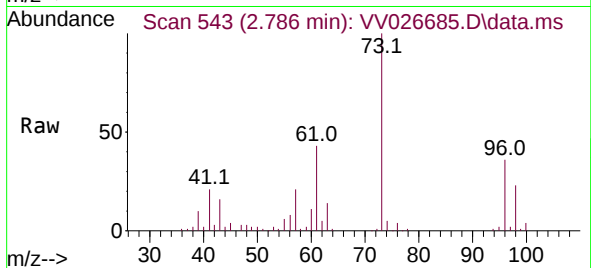




#17
Methyl tert-butyl Ether
Concen: 5.139 ug/L
RT: 2.786 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

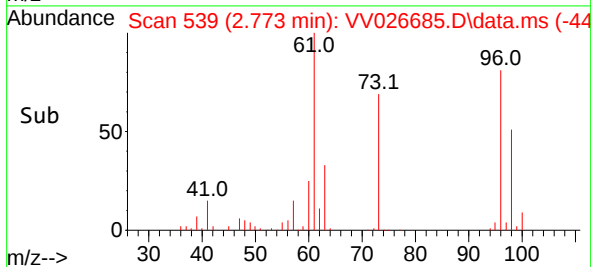
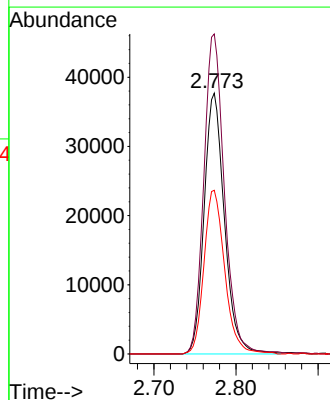
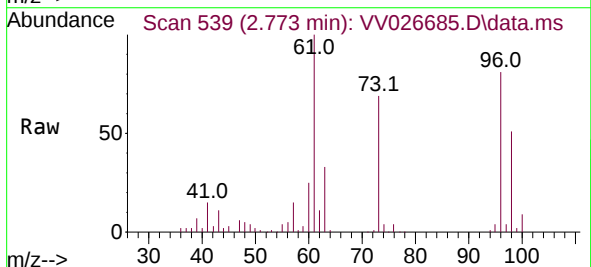
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MSD

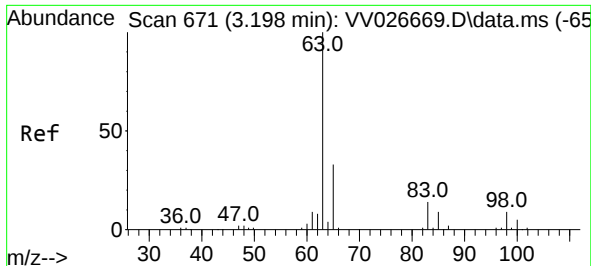
Tgt Ion: 73 Resp: 111505
Ion Ratio Lower Upper
73 100
43 15.7 13.3 19.9
57 21.5 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.782 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Tgt Ion: 96 Resp: 64945
Ion Ratio Lower Upper
96 100
61 122.7 90.4 167.8
98 62.8 45.6 84.8





#19

1,1-Dichloroethane

Concen: 4.898 ug/L

RT: 3.201 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

Instrument :

MSVOA_V

ClientSampleId :

DBUB4MSD

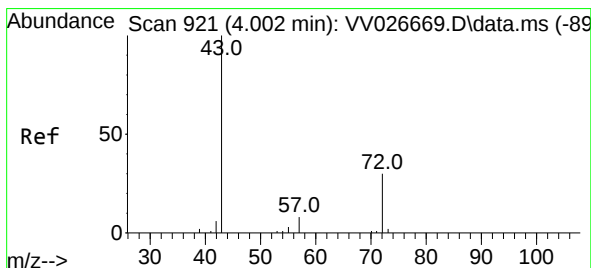
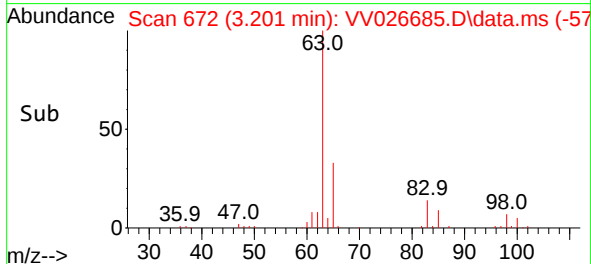
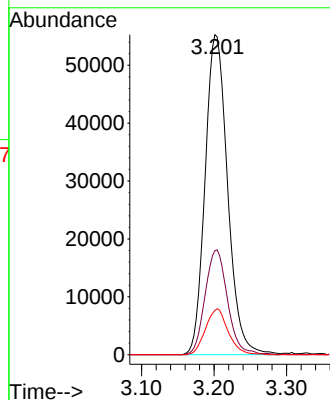
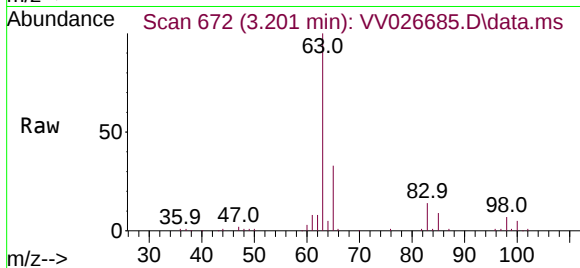
Tgt Ion: 63 Resp: 119450

Ion Ratio Lower Upper

63 100

65 32.6 23.0 42.6

83 13.8 10.2 19.0



#21

2-Butanone

Concen: 58.505 ug/L

RT: 4.005 min Scan# 922

Delta R.T. 0.003 min

Lab File: VV026685.D

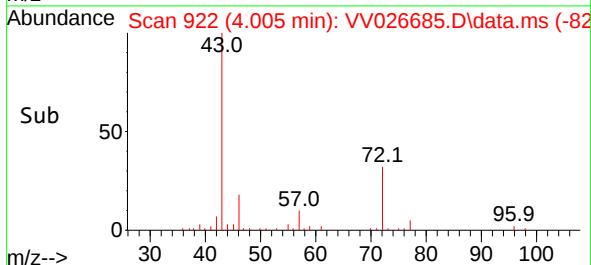
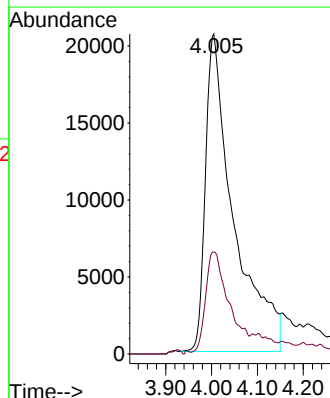
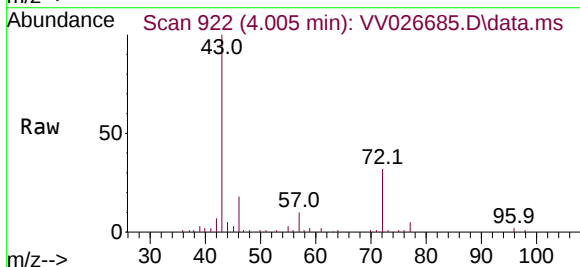
Acq: 07 Jul 2022 20:35

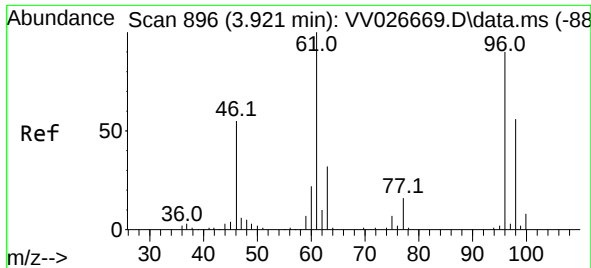
Tgt Ion: 43 Resp: 87987

Ion Ratio Lower Upper

43 100

72 25.9 13.5 40.5

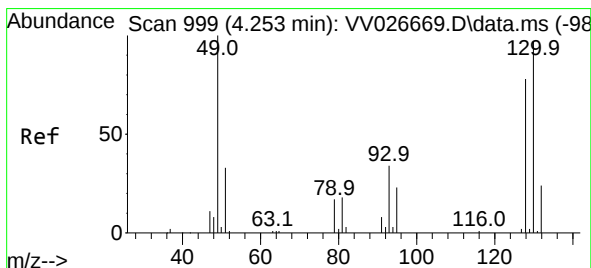
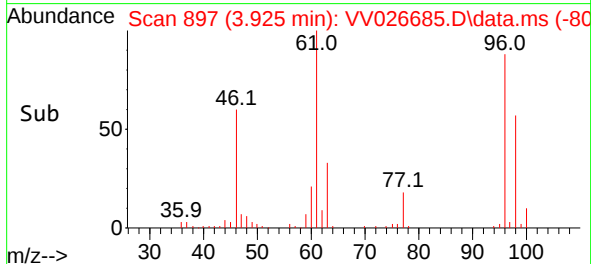
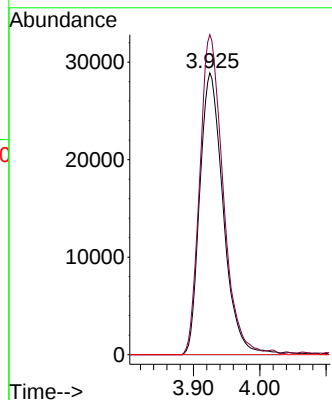
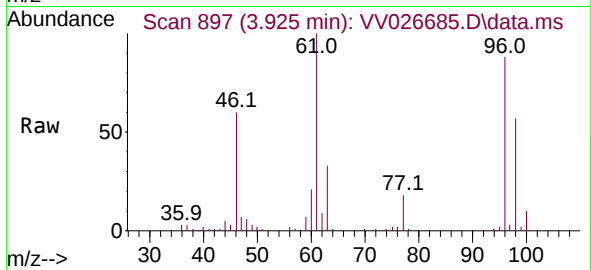




#22
 cis-1,2-Dichloroethene
 Concen: 5.257 ug/L
 RT: 3.925 min Scan# 896
 Delta R.T. 0.003 min
 Lab File: VV026685.D
 Acq: 07 Jul 2022 20:35

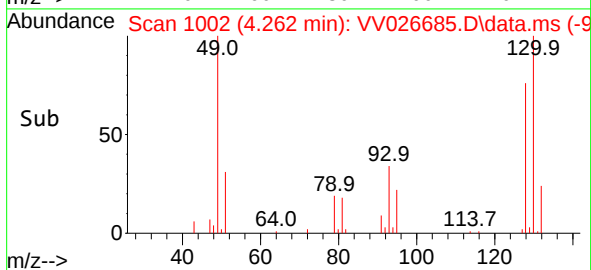
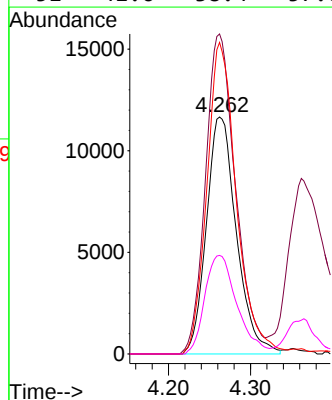
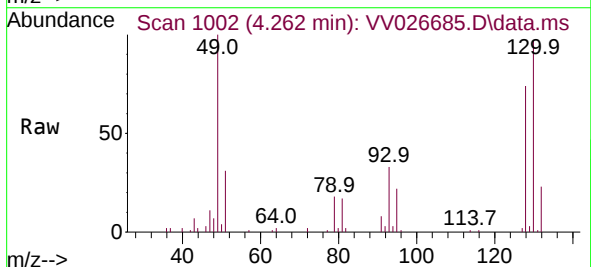
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB4MSD

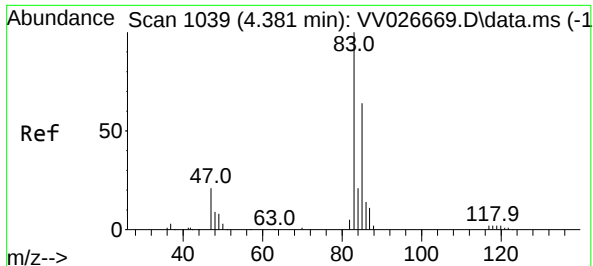
Tgt Ion: 96 Resp: 70895
 Ion Ratio Lower Upper
 96 100
 61 113.6 82.0 152.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.334 ug/L
 RT: 4.262 min Scan# 1002
 Delta R.T. 0.010 min
 Lab File: VV026685.D
 Acq: 07 Jul 2022 20:35

Tgt Ion: 128 Resp: 29625
 Ion Ratio Lower Upper
 128 100
 49 135.1 104.0 193.1
 130 131.5 93.4 173.6
 51 41.6 38.4 57.6





#25

Chloroform

Concen: 4.988 ug/L

RT: 4.384 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

Instrument :

MSVOA_V

ClientSampleId :

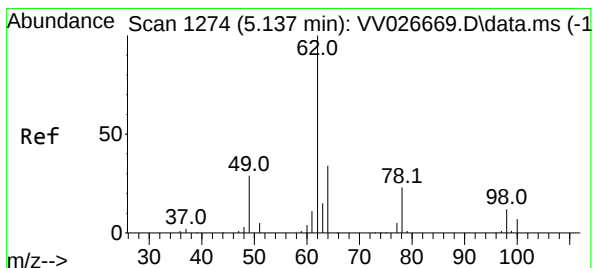
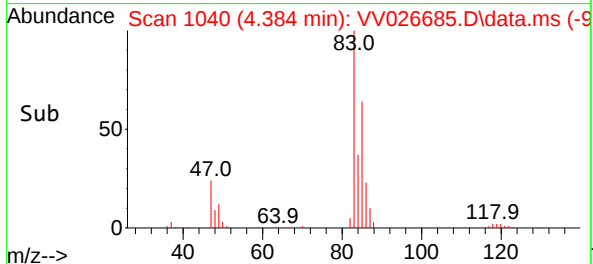
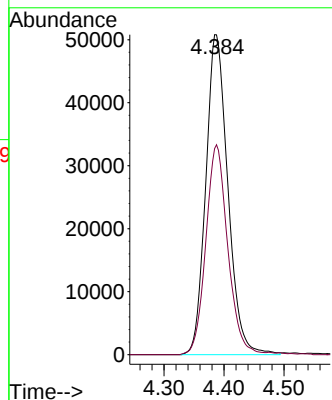
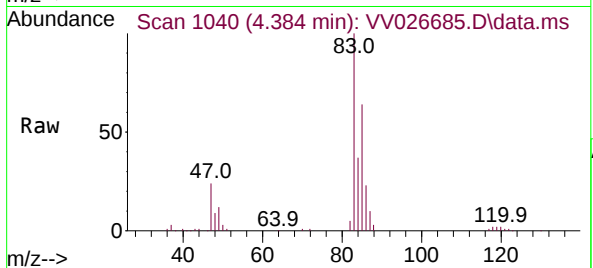
DBUB4MSD

Tgt Ion: 83 Resp: 130118

Ion Ratio Lower Upper

83 100

85 64.4 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.024 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.003 min

Lab File: VV026685.D

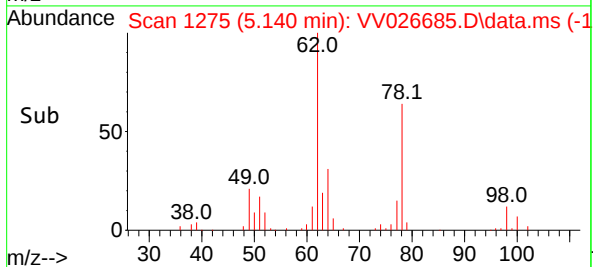
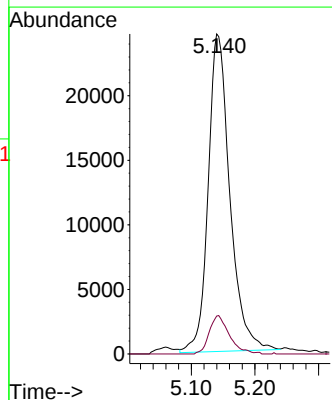
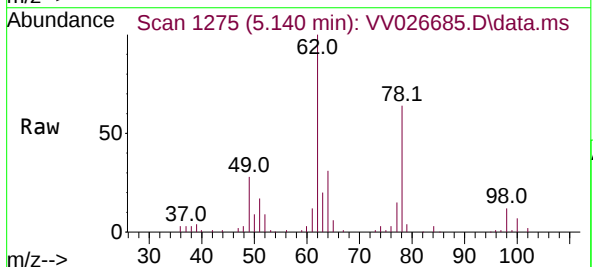
Acq: 07 Jul 2022 20:35

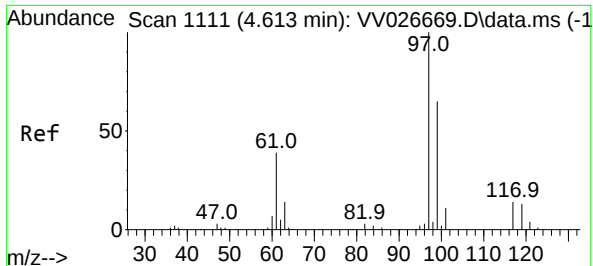
Tgt Ion: 62 Resp: 58332

Ion Ratio Lower Upper

62 100

98 11.9 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 4.904 ug/L

RT: 4.619 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

Instrument :

MSVOA_V

ClientSampleId :

DBUB4MSD

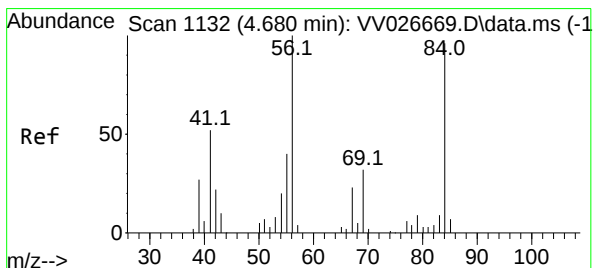
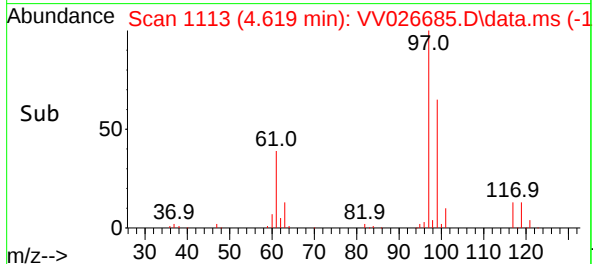
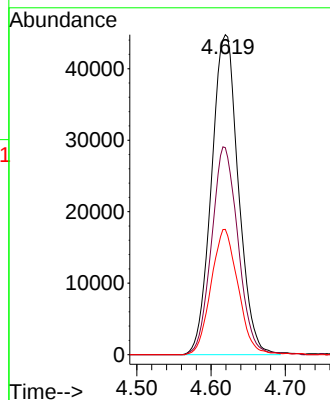
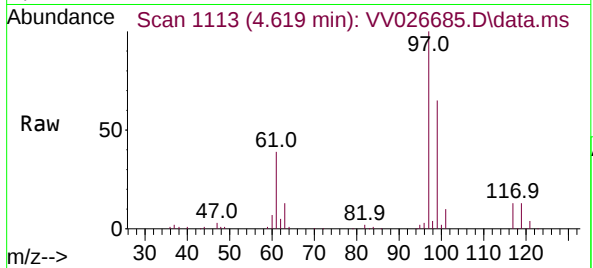
Tgt Ion: 97 Resp: 112795

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 39.3 33.0 49.4



#30

Cyclohexane

Concen: 4.081 ug/L

RT: 4.687 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

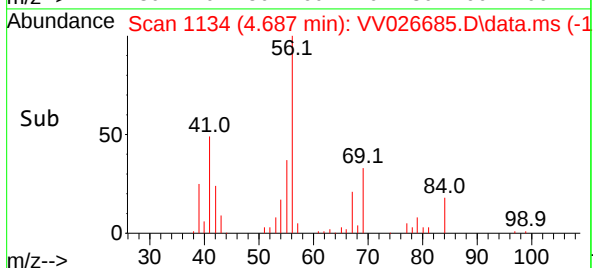
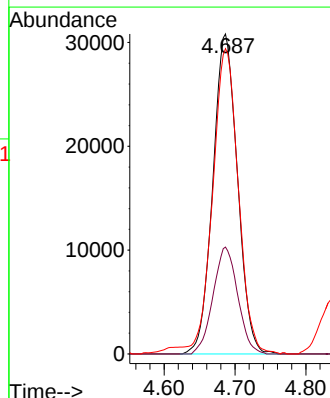
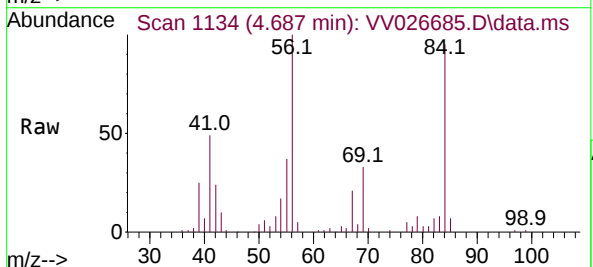
Tgt Ion: 56 Resp: 74313

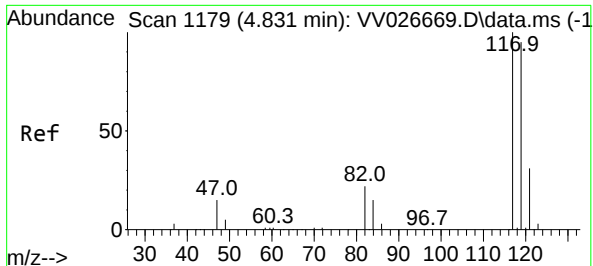
Ion Ratio Lower Upper

56 100

69 33.5 25.4 38.2

84 101.1 77.8 116.6

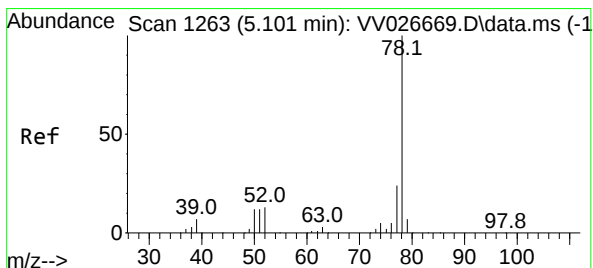
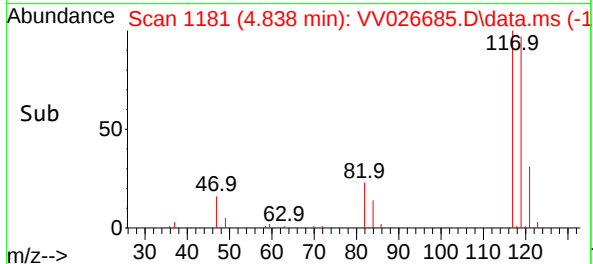
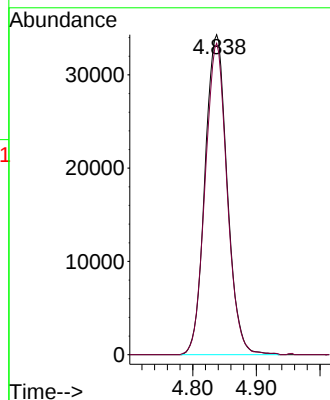
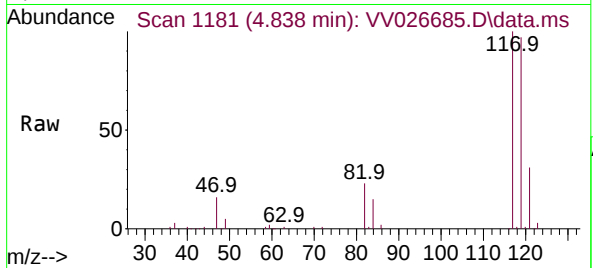




#31
Carbon tetrachloride
Concen: 4.308 ug/L
RT: 4.838 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

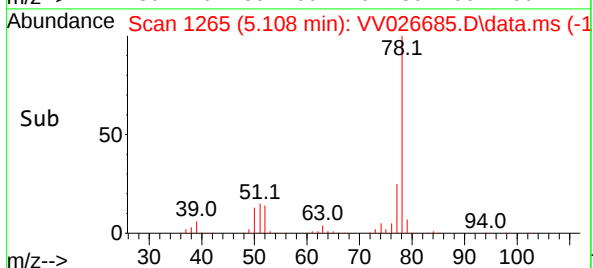
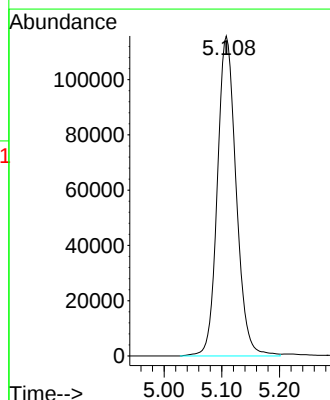
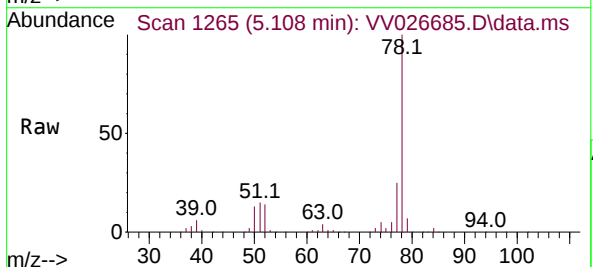
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MSD

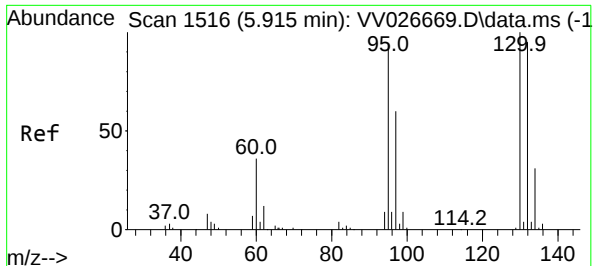
Tgt Ion:117 Resp: 83112
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3



#33
Benzene
Concen: 4.799 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Tgt Ion: 78 Resp: 261904



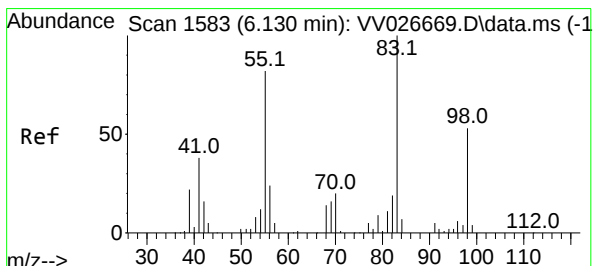
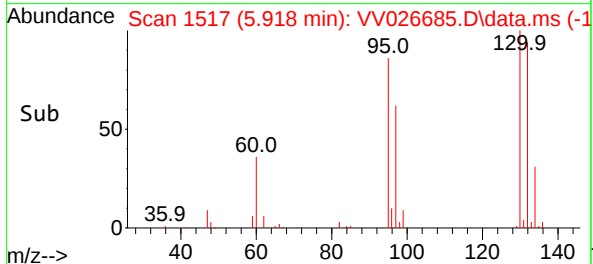
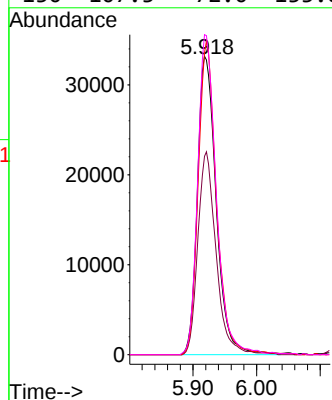
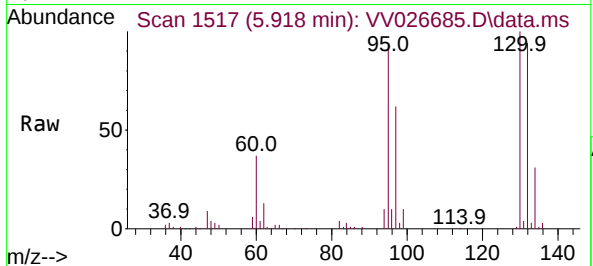


#34
Trichloroethene
Concen: 4.754 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Instrument :
MSVOA_V
ClientSampleId :
DBUB4MSD

Tgt Ion: 95 Resp: 68210

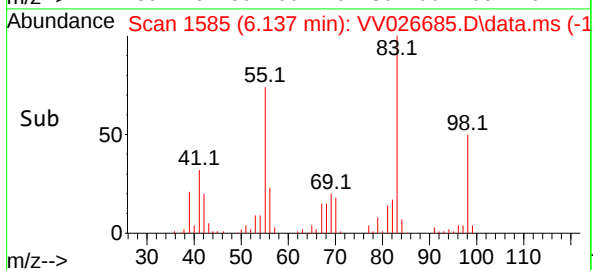
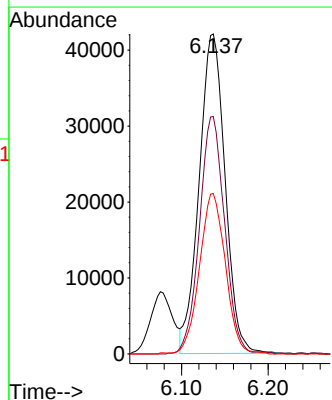
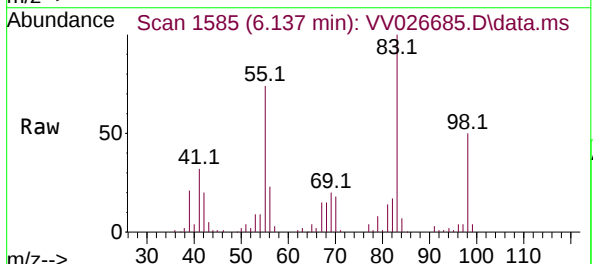
Ion	Ratio	Lower	Upper
95	100		
97	66.5	46.8	87.0
132	101.2	69.9	129.7
130	107.3	72.0	133.8

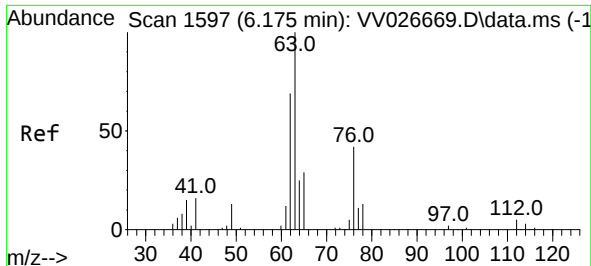


#35
Methylcyclohexane
Concen: 4.125 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Tgt Ion: 83 Resp: 87565

Ion	Ratio	Lower	Upper
83	100		
55	72.0	57.0	85.4
98	50.3	39.8	59.8





#37

1,2-Dichloropropane

Concen: 4.866 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

Instrument :

MSVOA_V

ClientSampleId :

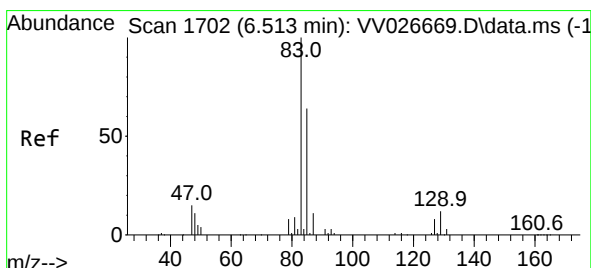
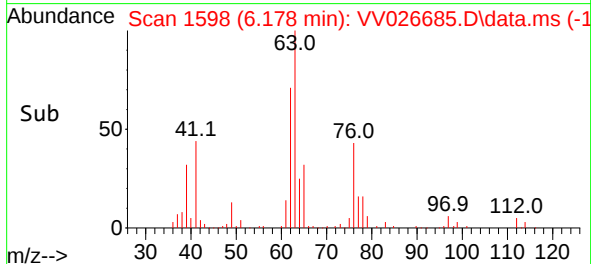
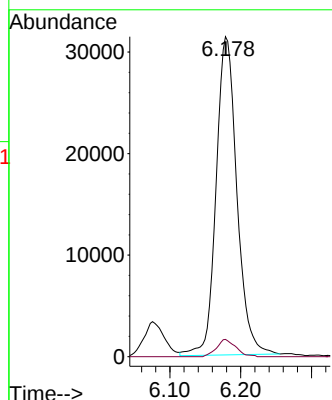
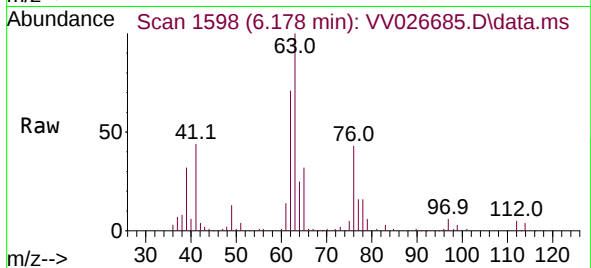
DBUB4MSD

Tgt Ion: 63 Resp: 64005

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.4



#38

Bromodichloromethane

Concen: 4.922 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

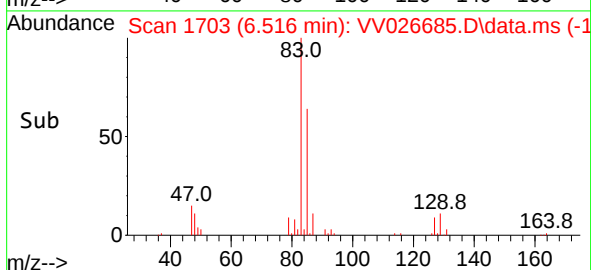
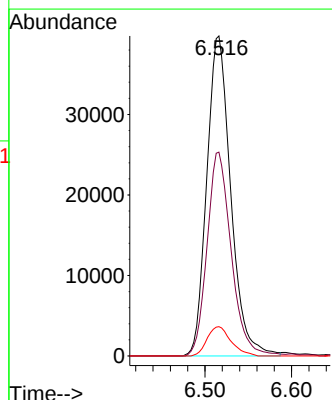
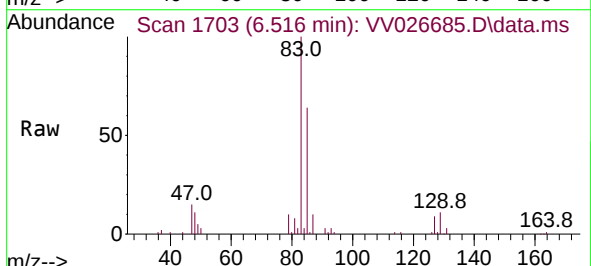
Tgt Ion: 83 Resp: 76437

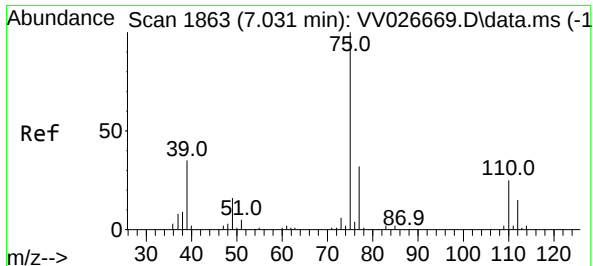
Ion Ratio Lower Upper

83 100

85 63.7 44.0 81.8

127 9.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.235 ug/L

RT: 7.034 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

Instrument :

MSVOA_V

ClientSampleId :

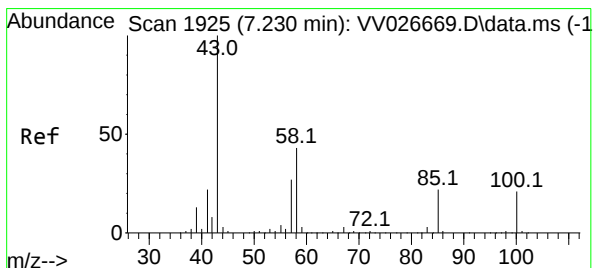
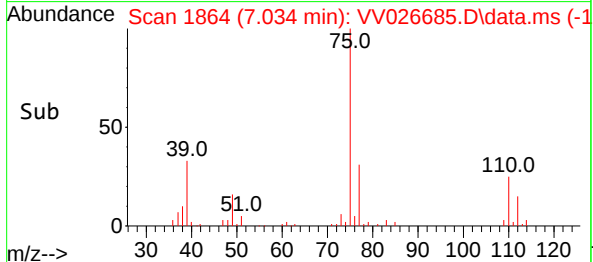
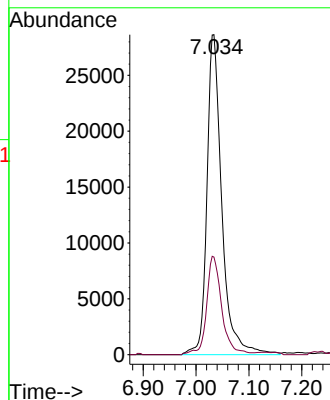
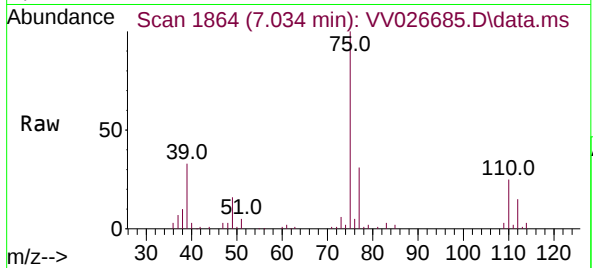
DBUB4MSD

Tgt Ion: 75 Resp: 55988

Ion Ratio Lower Upper

75 100

77 30.5 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 58.130 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

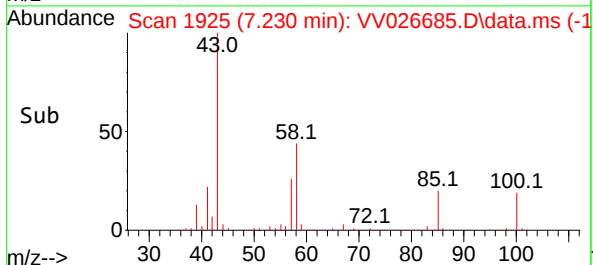
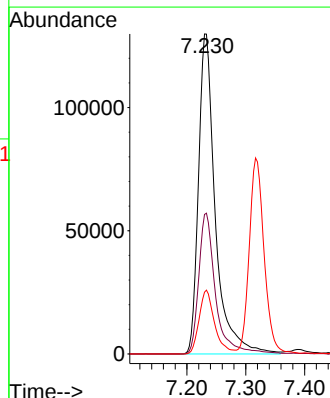
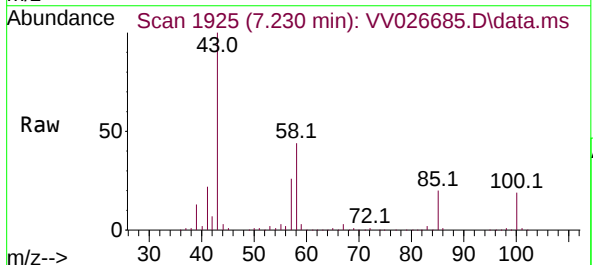
Tgt Ion: 43 Resp: 258286

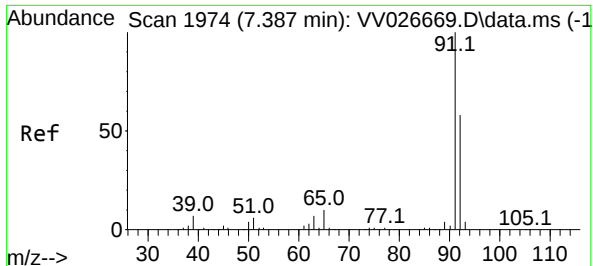
Ion Ratio Lower Upper

43 100

58 44.0 33.3 49.9

100 18.4 14.3 21.5





#42

Toluene

Concen: 5.046 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

Instrument :

MSVOA_V

ClientSampleId :

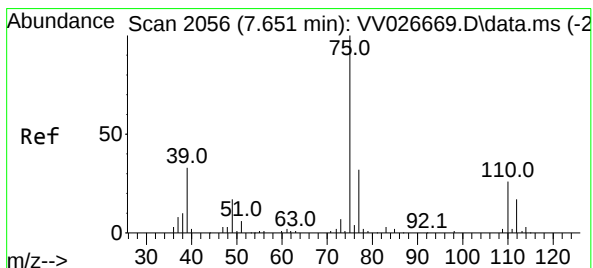
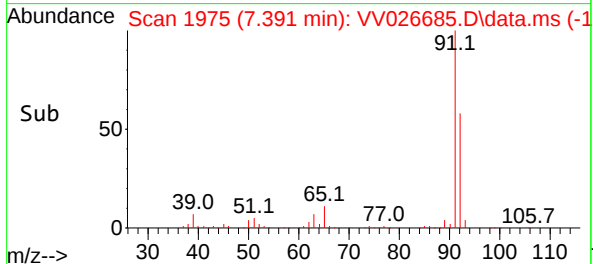
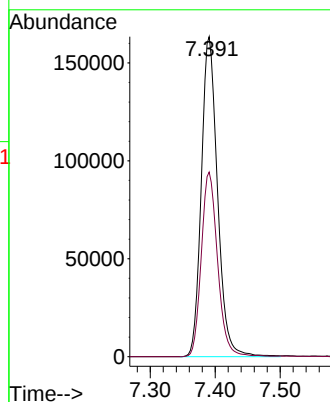
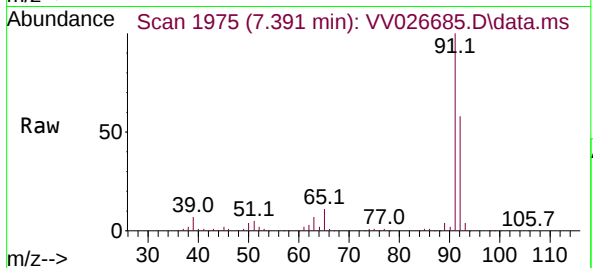
DBUB4MSD

Tgt Ion: 91 Resp: 284321

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.198 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VV026685.D

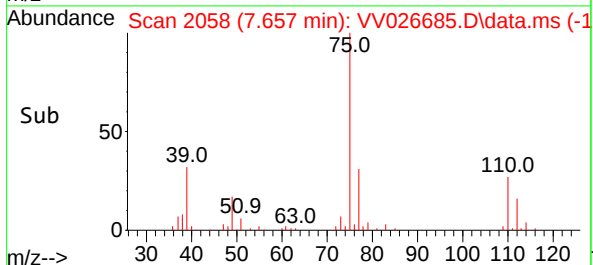
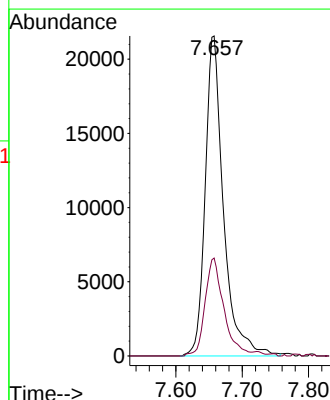
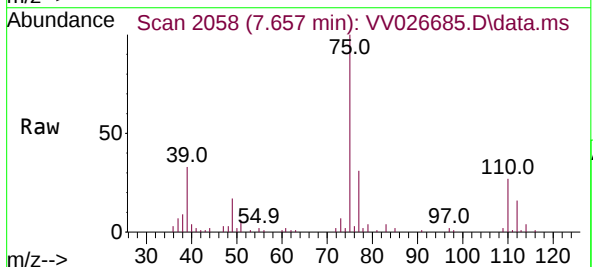
Acq: 07 Jul 2022 20:35

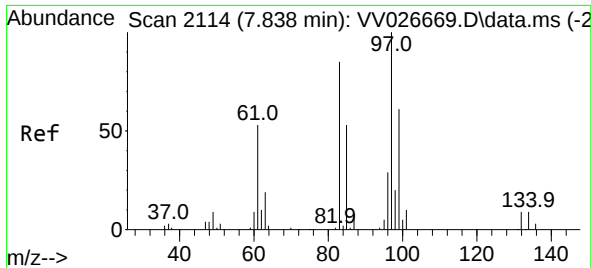
Tgt Ion: 75 Resp: 41283

Ion Ratio Lower Upper

75 100

77 30.6 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 5.423 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

Instrument :

MSVOA_V

ClientSampleId :

DBUB4MSD

Tgt Ion: 97 Resp: 44983

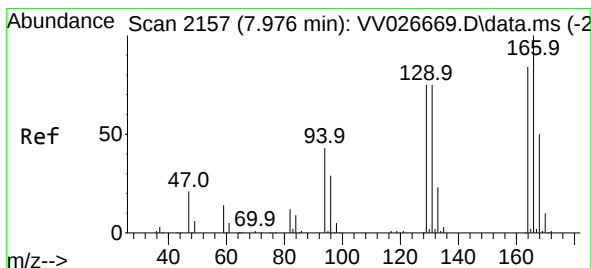
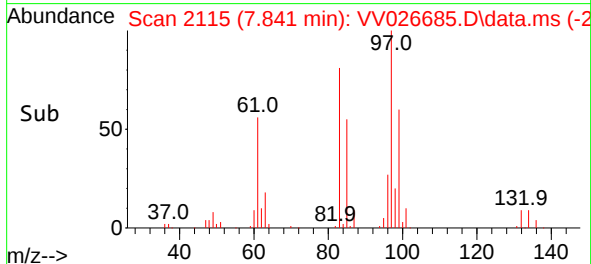
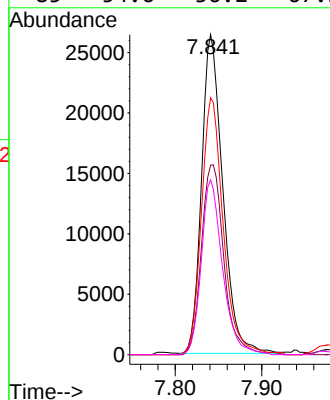
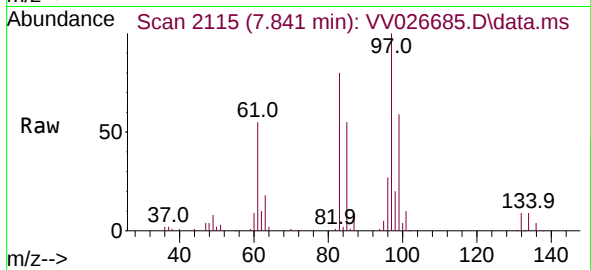
Ion Ratio Lower Upper

97 100

99 59.2 43.4 80.6

83 80.3 58.0 107.8

85 54.6 36.2 67.2



#47

Tetrachloroethene

Concen: 4.901 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

Tgt Ion: 164 Resp: 55988

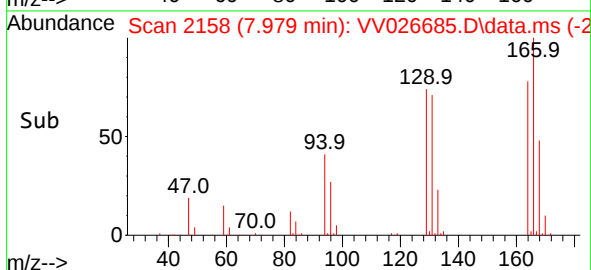
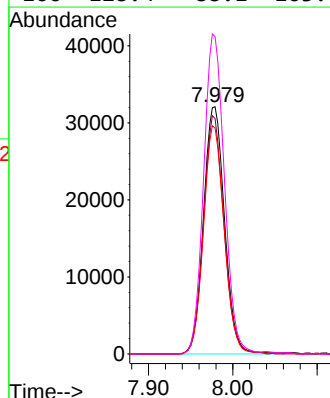
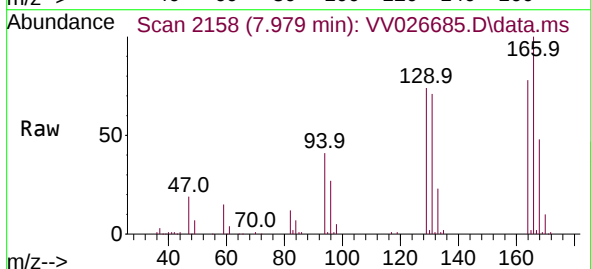
Ion Ratio Lower Upper

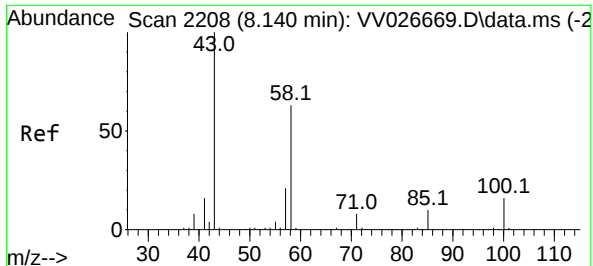
164 100

129 95.2 66.4 123.2

131 91.4 64.4 119.6

166 128.4 88.1 163.7



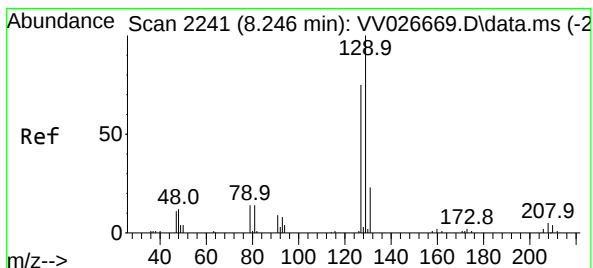
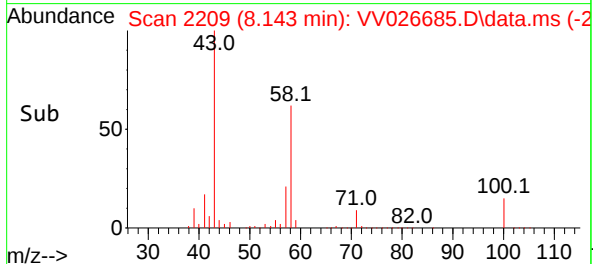
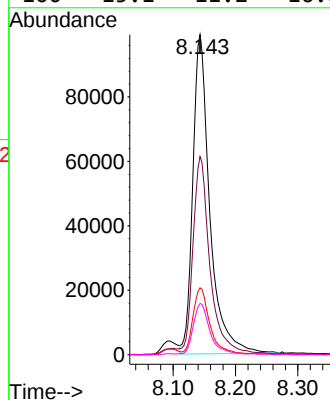
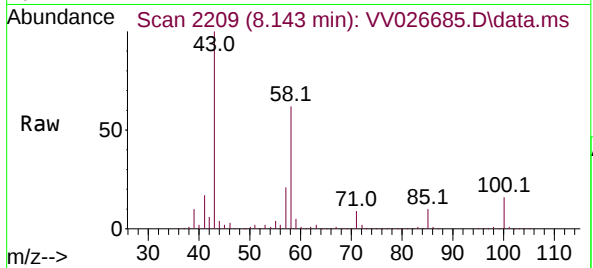


#48
2-Hexanone
Concen: 60.664 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Instrument :
MSVOA_V
ClientSampleId :
DBUB4MSD

Tgt Ion: 43 Resp: 187631

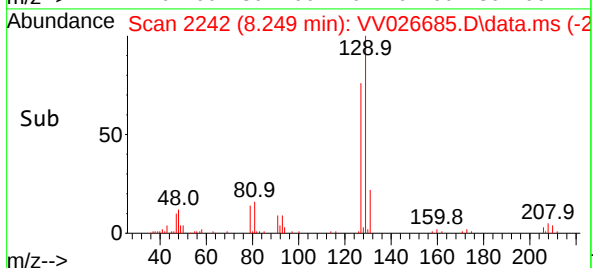
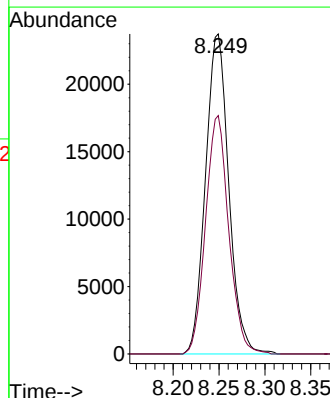
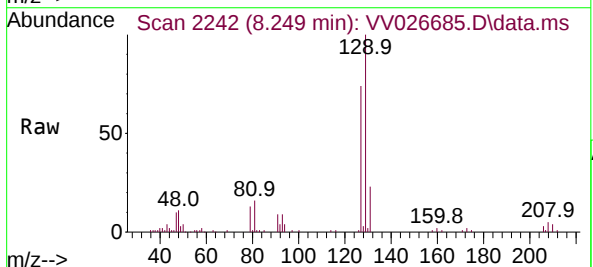
Ion	Ratio	Lower	Upper
43	100		
58	61.9	47.8	71.6
57	20.3	15.0	22.6
100	15.1	11.2	16.8

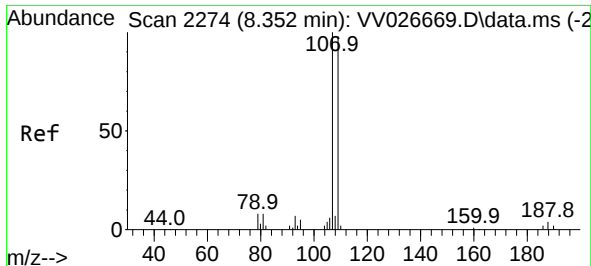


#49
Dibromochloromethane
Concen: 4.985 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Tgt Ion: 129 Resp: 41875

Ion	Ratio	Lower	Upper
129	100		
127	74.5	54.2	100.6





#50

1,2-Dibromoethane

Concen: 5.467 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

Instrument :

MSVOA_V

ClientSampleId :

DBUB4MSD

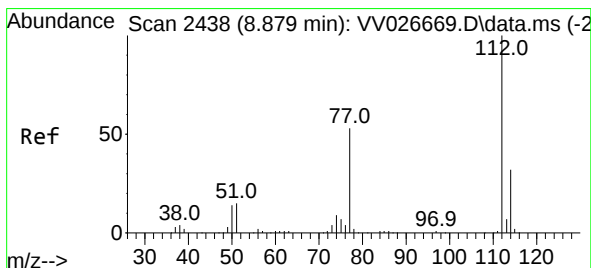
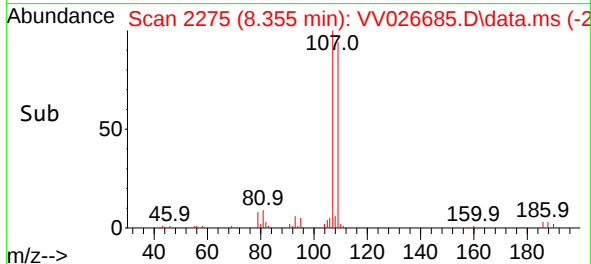
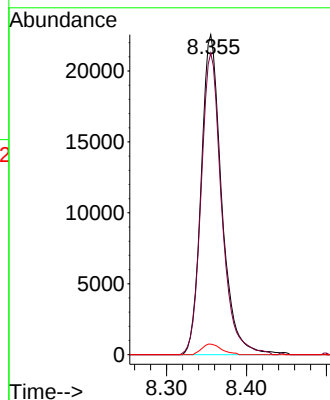
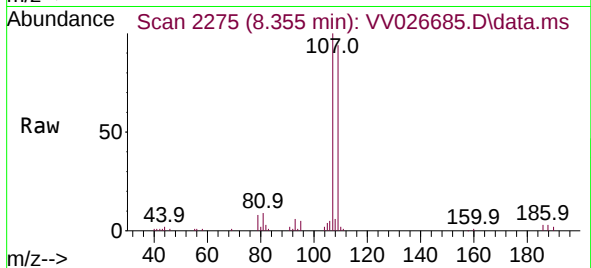
Tgt Ion:107 Resp: 40323

Ion Ratio Lower Upper

107 100

109 94.2 67.8 125.8

188 3.3 3.2 4.8



#51

Chlorobenzene

Concen: 4.925 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

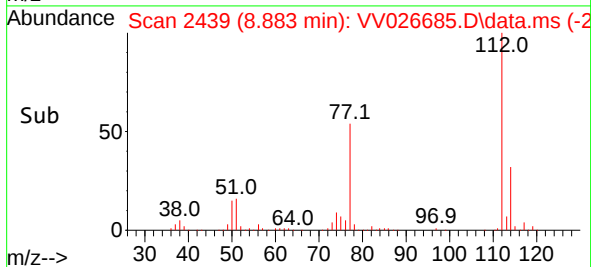
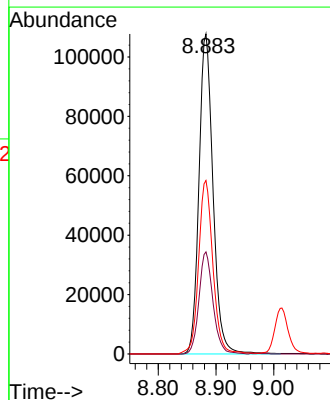
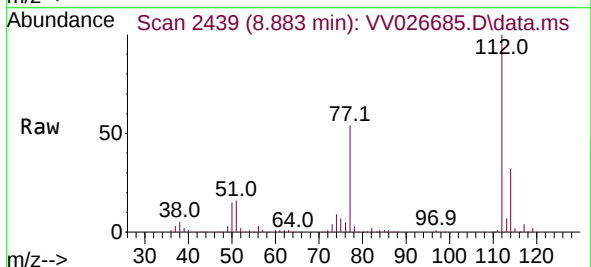
Tgt Ion:112 Resp: 181777

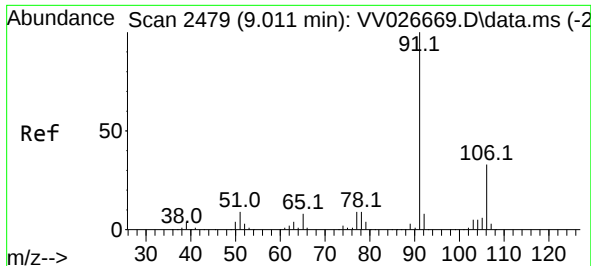
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 54.2 44.4 66.6





#52

Ethylbenzene

Concen: 4.608 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

Instrument :

MSVOA_V

ClientSampleId :

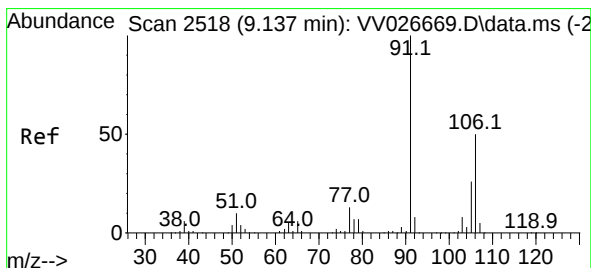
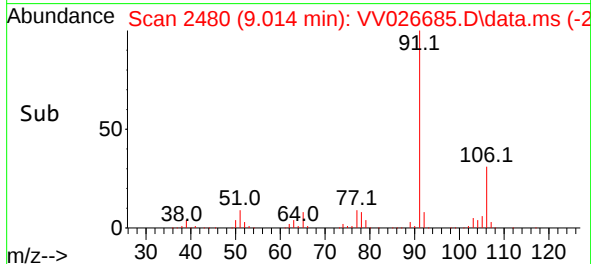
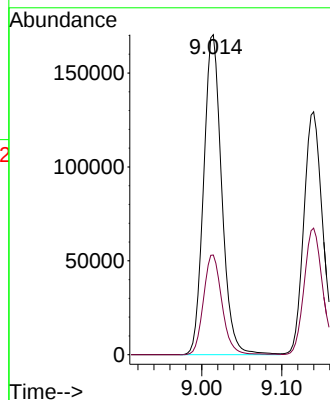
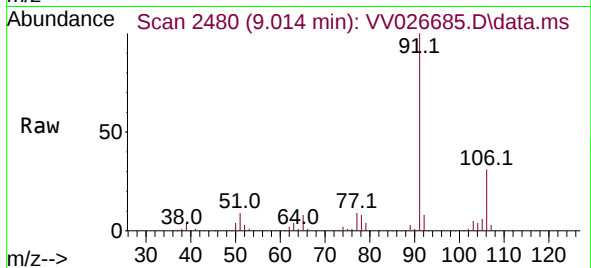
DBUB4MSD

Tgt Ion: 91 Resp: 268534

Ion Ratio Lower Upper

91 100

106 31.2 22.1 41.1



#53

m,p-Xylene

Concen: 4.813 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV026685.D

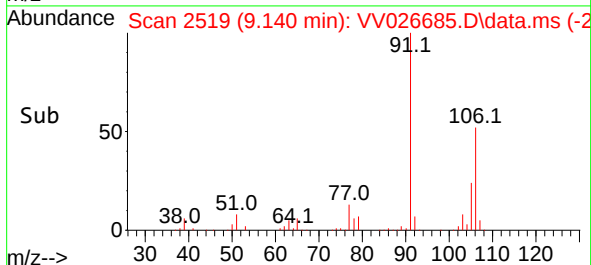
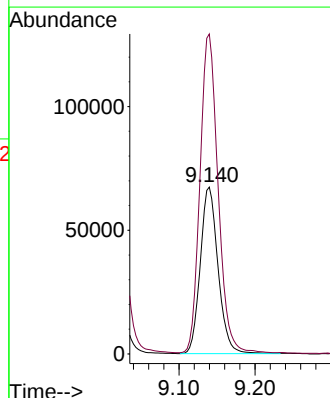
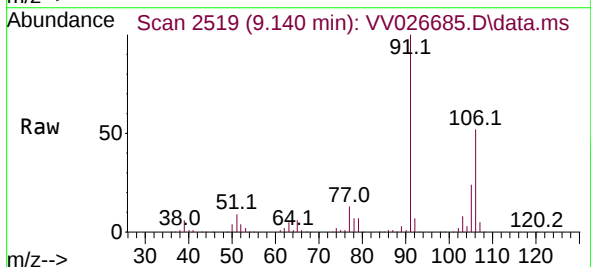
Acq: 07 Jul 2022 20:35

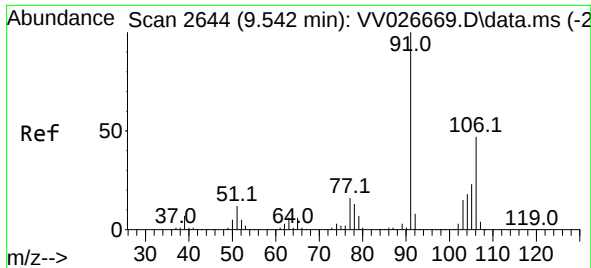
Tgt Ion: 106 Resp: 109408

Ion Ratio Lower Upper

106 100

91 191.8 139.9 259.9

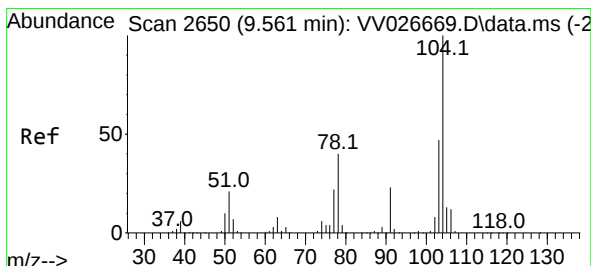
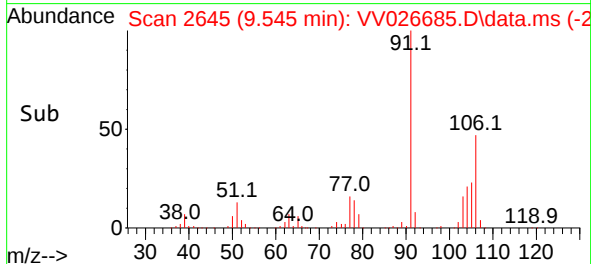
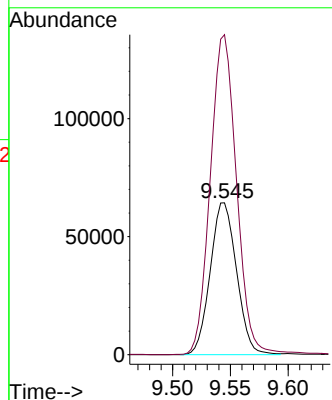
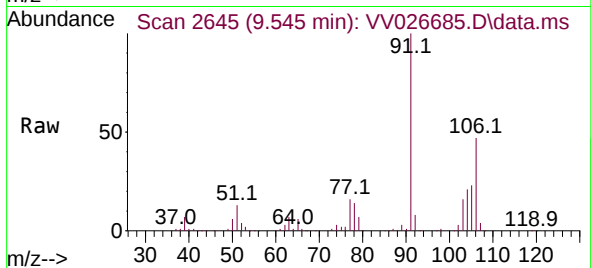




#54
o-Xylene
Concen: 4.783 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

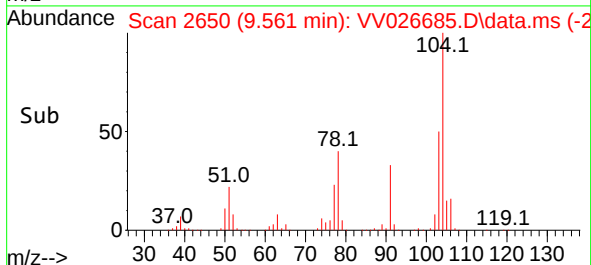
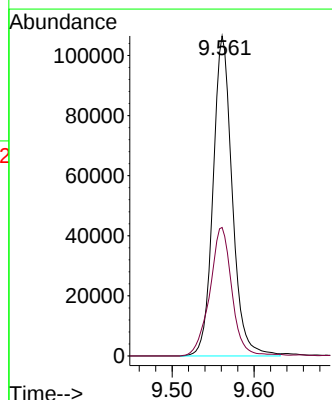
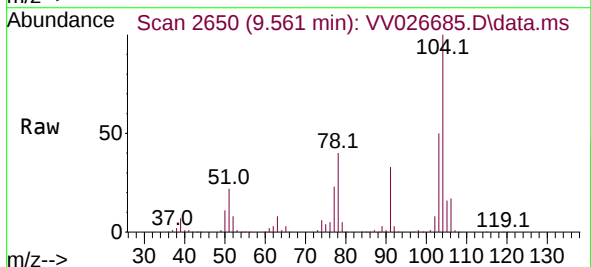
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MSD

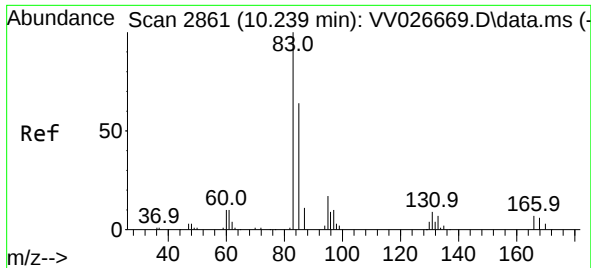
Tgt Ion:106 Resp: 102046
Ion Ratio Lower Upper
106 100
91 210.8 147.5 273.9



#55
Styrene
Concen: 4.911 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Tgt Ion:104 Resp: 173573
Ion Ratio Lower Upper
104 100
78 40.2 28.4 52.8

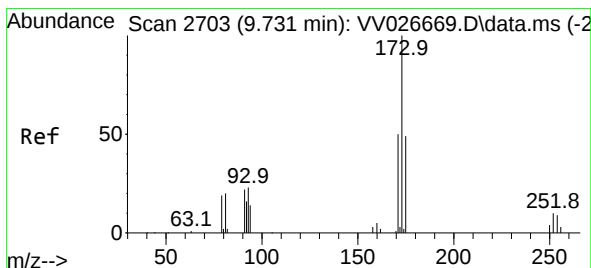
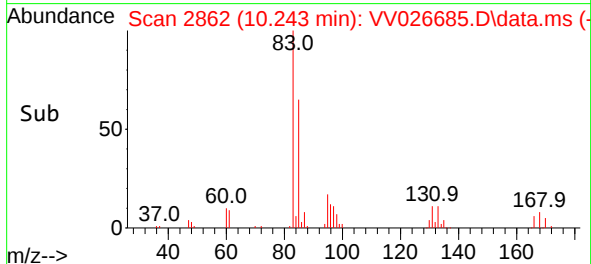
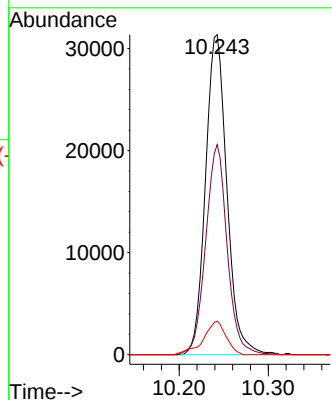
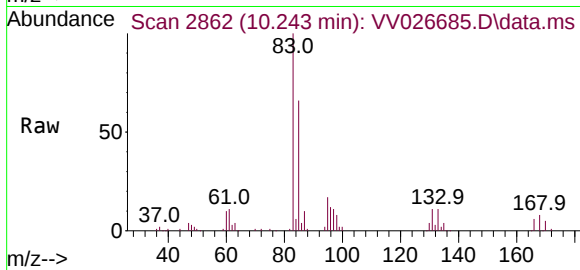




#57
1,1,2,2-Tetrachloroethane
Concen: 5.644 ug/L
RT: 10.243 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

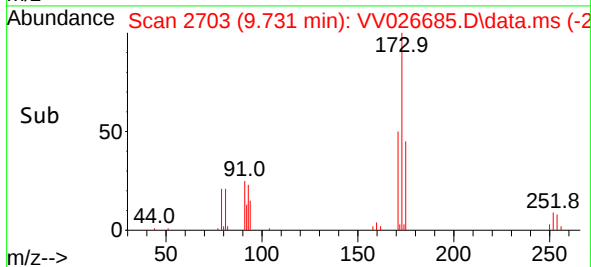
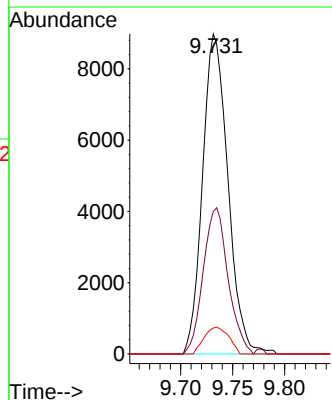
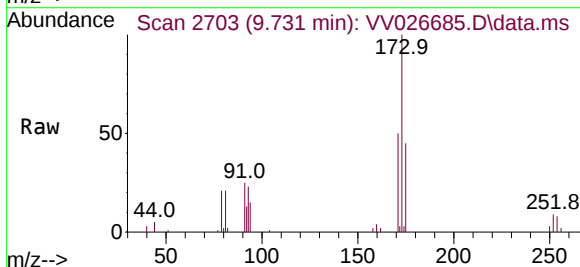
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MSD

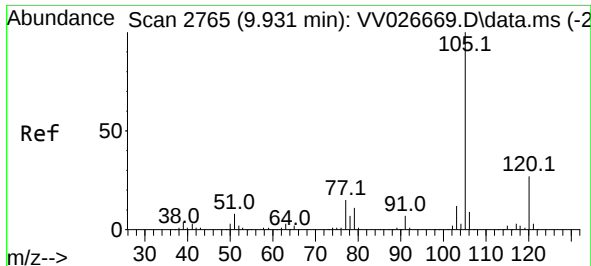
Tgt Ion:	83	Resp:	52279
Ion	Ratio	Lower	Upper
83	100		
85	65.7	44.3	82.3
131	10.5	8.0	12.0



#59
Bromoform
Concen: 4.303 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Tgt Ion:	173	Resp:	15236
Ion	Ratio	Lower	Upper
173	100		
175	44.8	37.9	56.9
254	8.1	6.3	9.5

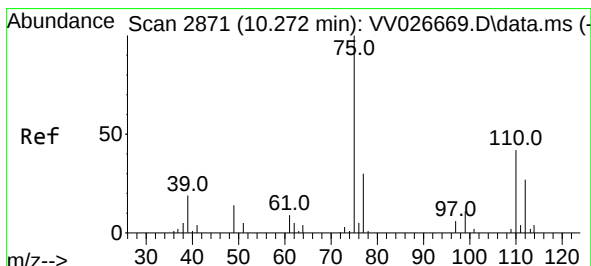
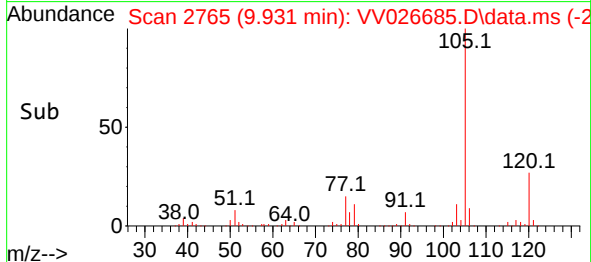
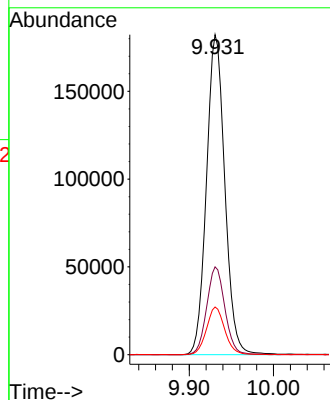
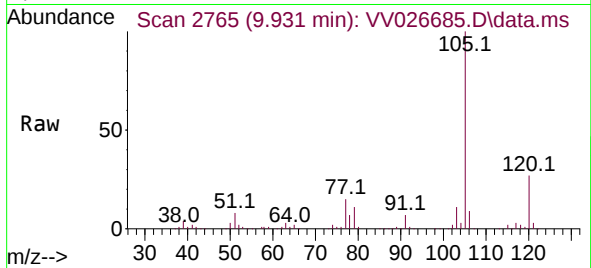




#60
Isopropylbenzene
Concen: 4.667 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

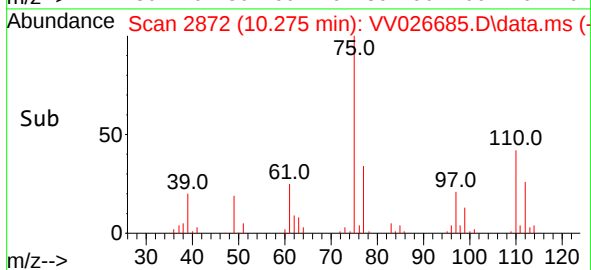
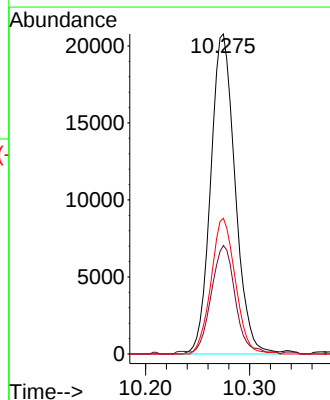
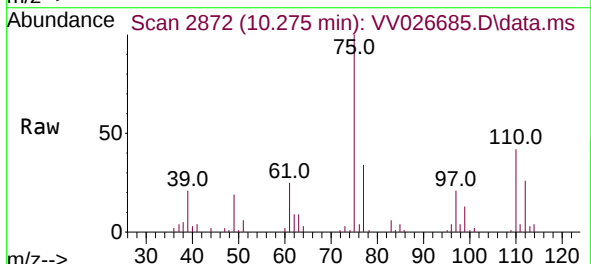
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MSD

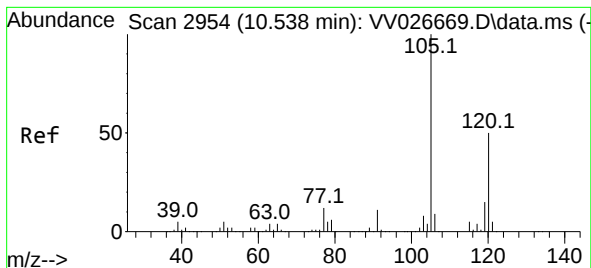
Tgt Ion:105 Resp: 276567
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.2
77 14.9 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.454 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Tgt Ion: 75 Resp: 33935
Ion Ratio Lower Upper
75 100
77 33.4 25.8 38.6
110 42.2 32.5 48.7





#62

1,3,5-Trimethylbenzene

Concen: 4.397 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

Instrument :

MSVOA_V

ClientSampleId :

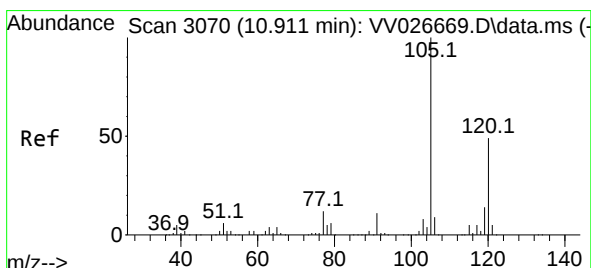
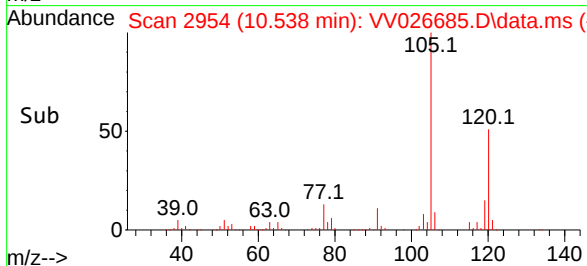
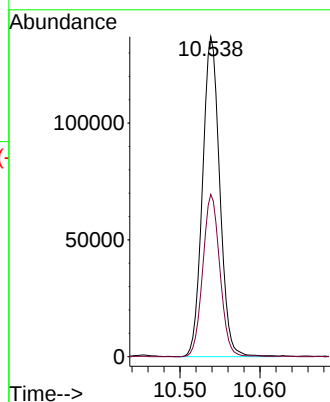
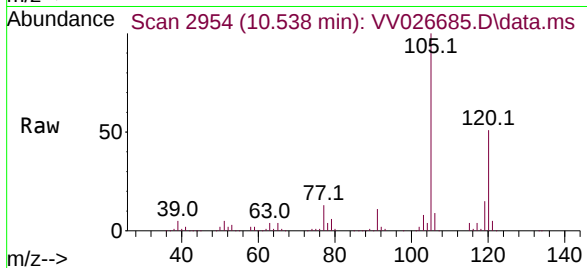
DBUB4MSD

Tgt Ion:105 Resp: 205996

Ion Ratio Lower Upper

105 100

120 50.1 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.620 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026685.D

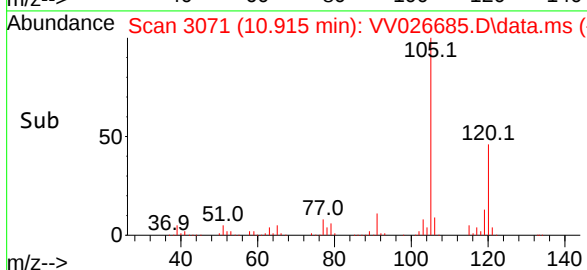
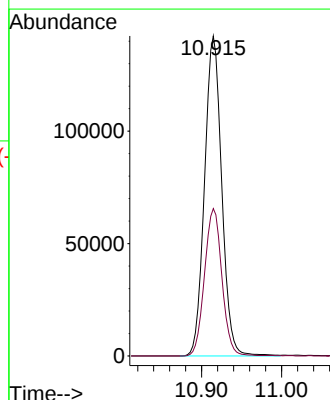
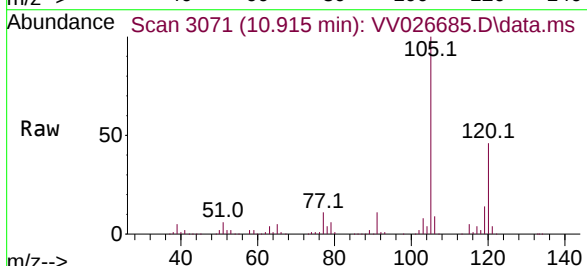
Acq: 07 Jul 2022 20:35

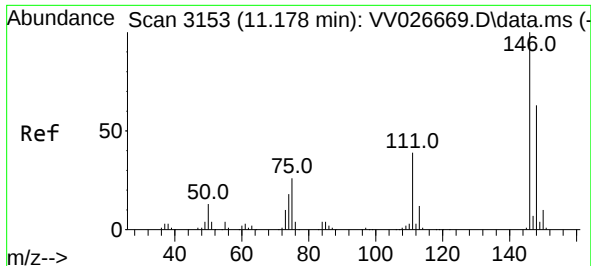
Tgt Ion:105 Resp: 213406

Ion Ratio Lower Upper

105 100

120 46.5 37.4 56.2

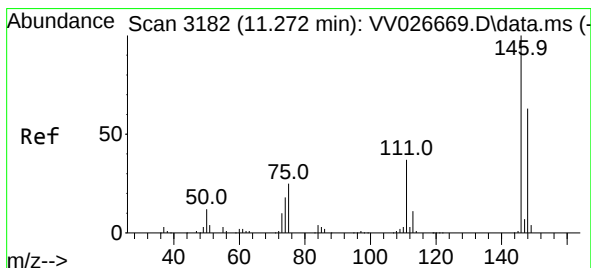
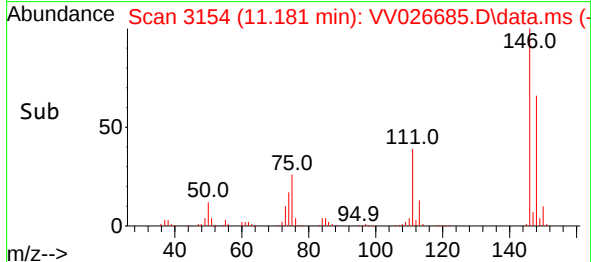
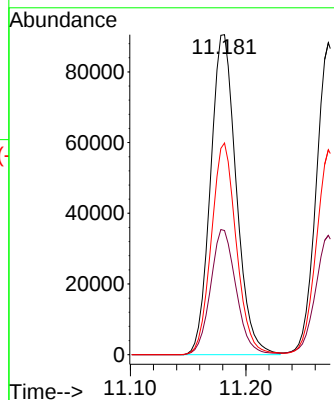
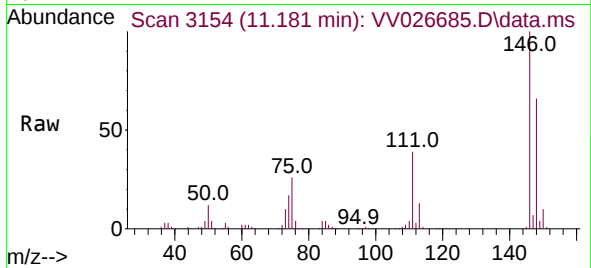




#64
1,3-Dichlorobenzene
Concen: 4.864 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

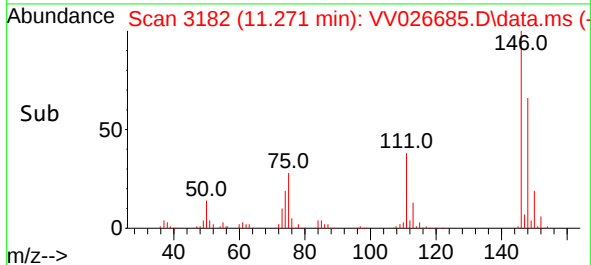
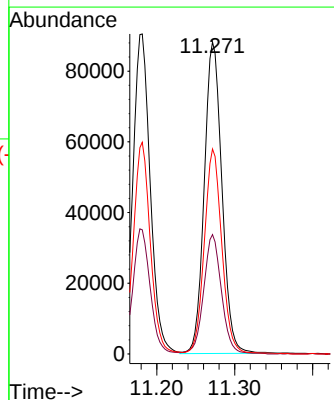
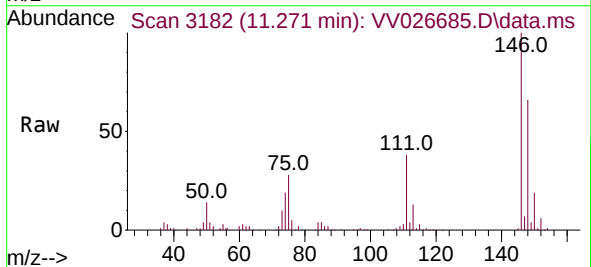
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MSD

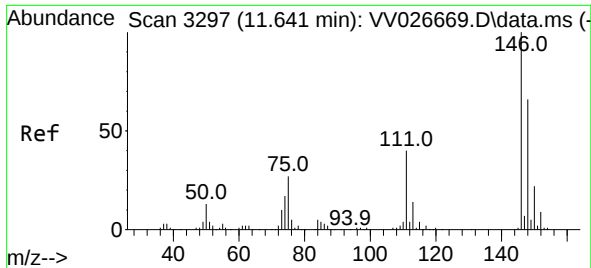
Tgt Ion:146 Resp: 140201
Ion Ratio Lower Upper
146 100
111 38.8 27.9 51.7
148 66.2 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.843 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Tgt Ion:146 Resp: 138607
Ion Ratio Lower Upper
146 100
111 38.3 26.5 49.3
148 65.7 43.7 81.1

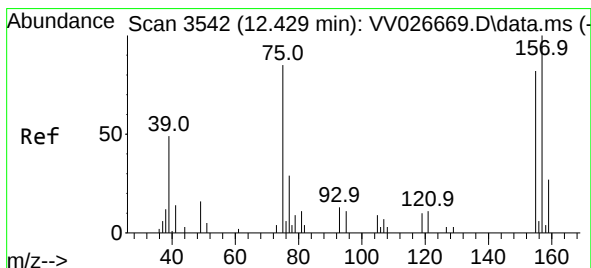
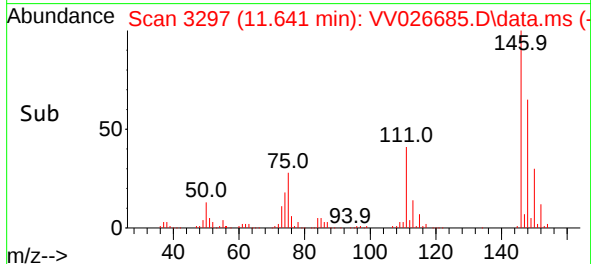
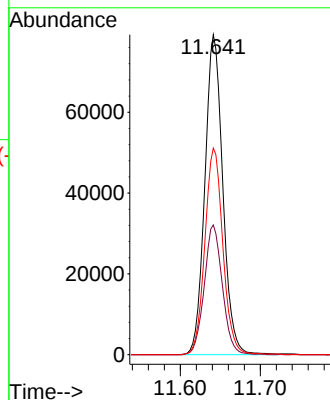
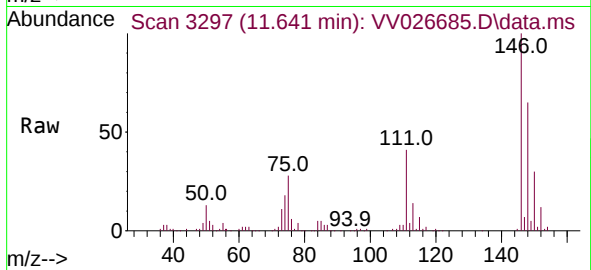




#67
1,2-Dichlorobenzene
Concen: 5.042 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

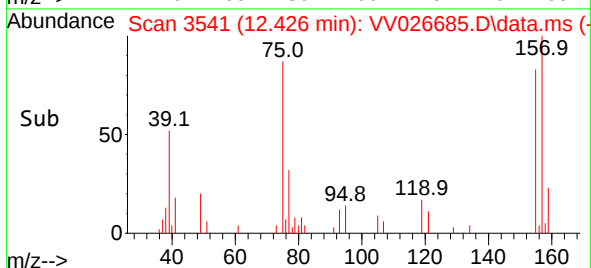
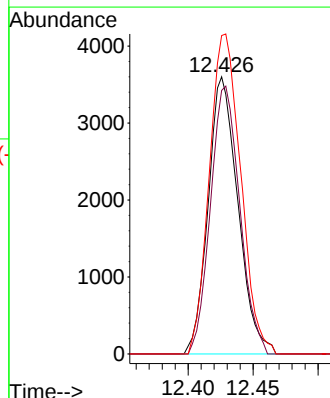
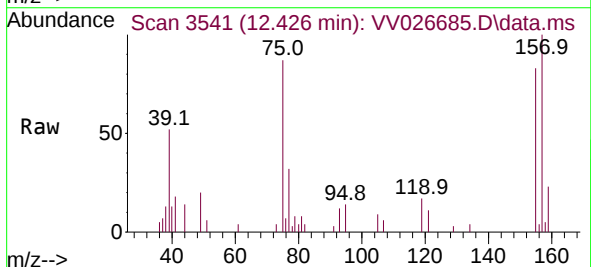
Instrument :
MSVOA_V
ClientSampleId :
DBUB4MSD

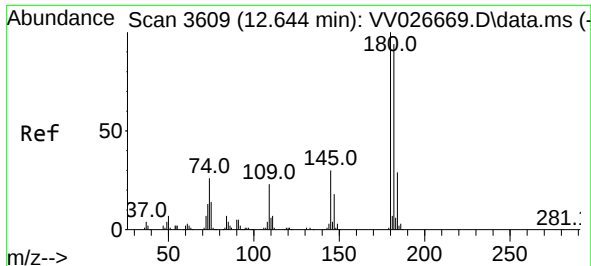
Tgt Ion:146 Resp: 123672
Ion Ratio Lower Upper
146 100
111 40.6 32.8 49.2
148 64.5 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.144 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Tgt Ion: 75 Resp: 5741
Ion Ratio Lower Upper
75 100
155 95.1 74.7 112.1
157 114.9 96.9 145.3





#69

1,3,5-Trichlorobenzene

Concen: 4.711 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

Instrument :

MSVOA_V

ClientSampleId :

DBUB4MSD

Tgt Ion:180 Resp: 97645

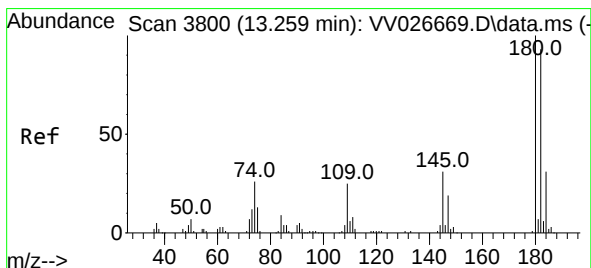
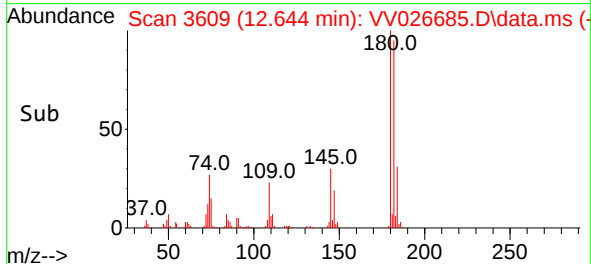
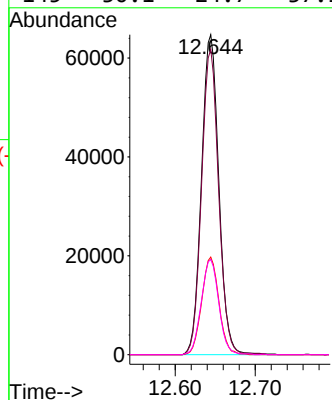
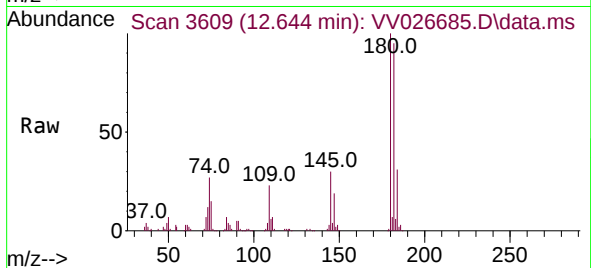
Ion Ratio Lower Upper

180 100

182 94.2 76.6 115.0

184 30.4 24.1 36.1

145 30.1 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 4.710 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV026685.D

Acq: 07 Jul 2022 20:35

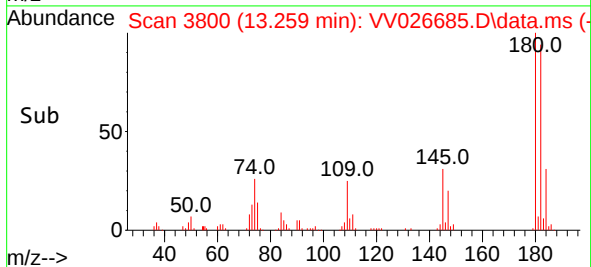
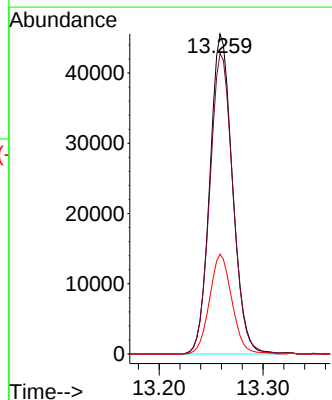
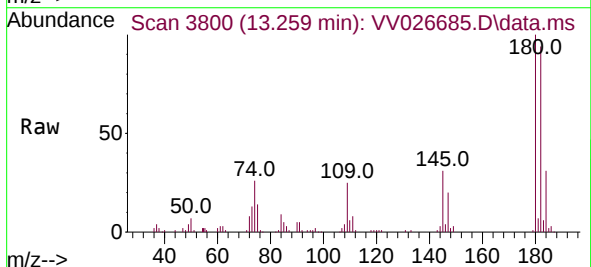
Tgt Ion:180 Resp: 68937

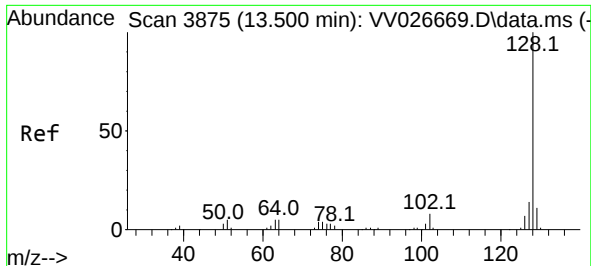
Ion Ratio Lower Upper

180 100

182 95.9 75.2 112.8

145 30.8 24.4 36.6

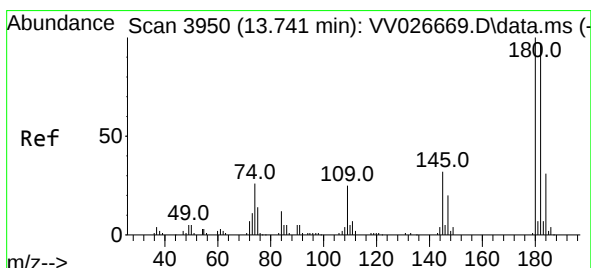
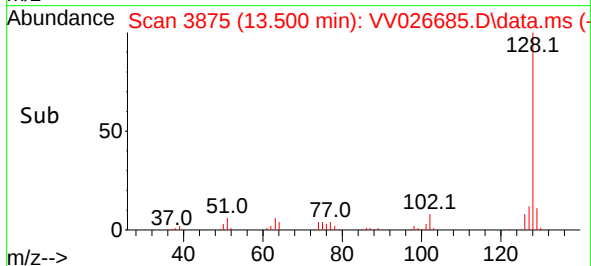
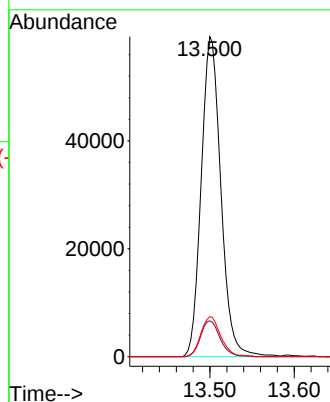
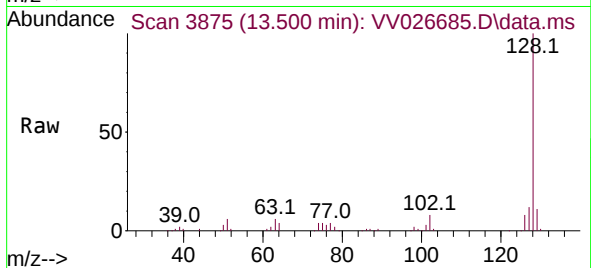




#71
Naphthalene
Concen: 5.043 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Instrument :
MSVOA_V
ClientSampleId :
DBUB4MSD

Tgt Ion:	128	Resp:	96301
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	12.8
127	12.7	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.085 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026685.D
Acq: 07 Jul 2022 20:35

Tgt Ion:	180	Resp:	60915
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.8	115.2
145	32.4	25.8	38.6

