

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024632.D
 Acq On : 12 Feb 2022 03:15
 Operator : SY/MD
 Sample : N1480-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCW9MSD

Quant Time: Feb 12 07:11:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 07:08:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115394	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	118210	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	60313	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	36515	3.775	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.571	69	36509	4.465	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.114	63	91904	4.344	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.895	46	95384	59.402	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.800%
24) Chloroform-d	4.352	84	84010	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.034	65	38433	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.053	84	159119	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.069	67	48563	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.316	98	142956	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.622	79	18101	4.297	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.088	63	81311	54.785	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.560%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	33316	5.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	47921	4.929	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	80839	5.331	ug/L	100
3) Chloromethane	1.243	50	78850	5.285	ug/L	97
5) Vinyl chloride	1.313	62	84679	5.270	ug/L	99
6) Bromomethane	1.526	94	52566	5.314	ug/L	99
8) Chloroethane	1.587	64	58638	5.958	ug/L	99
9) Trichlorofluoromethane	1.757	101	119944	5.524	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	63560	5.250	ug/L #	87
12) 1,1-Dichloroethene	2.124	96	64261	5.379	ug/L	89
13) Acetone	2.182	43	70429	55.579	ug/L	73
14) Carbon disulfide	2.297	76	190024	5.004	ug/L	99
15) Methyl Acetate	2.439	43	17265	4.764	ug/L	97
16) Methylene chloride	2.510	84	59398	5.018	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	130969	5.319	ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	62380	5.314	ug/L	93
19) 1,1-Dichloroethane	3.191	63	114399	5.643	ug/L	98
21) 2-Butanone	3.976	43	120436	57.347	ug/L	90
22) cis-1,2-Dichloroethene	3.915	96	65816	5.562	ug/L	89
23) Bromochloromethane	4.252	128	25420	5.656	ug/L	87
25) Chloroform	4.378	83	115071	5.423	ug/L	96

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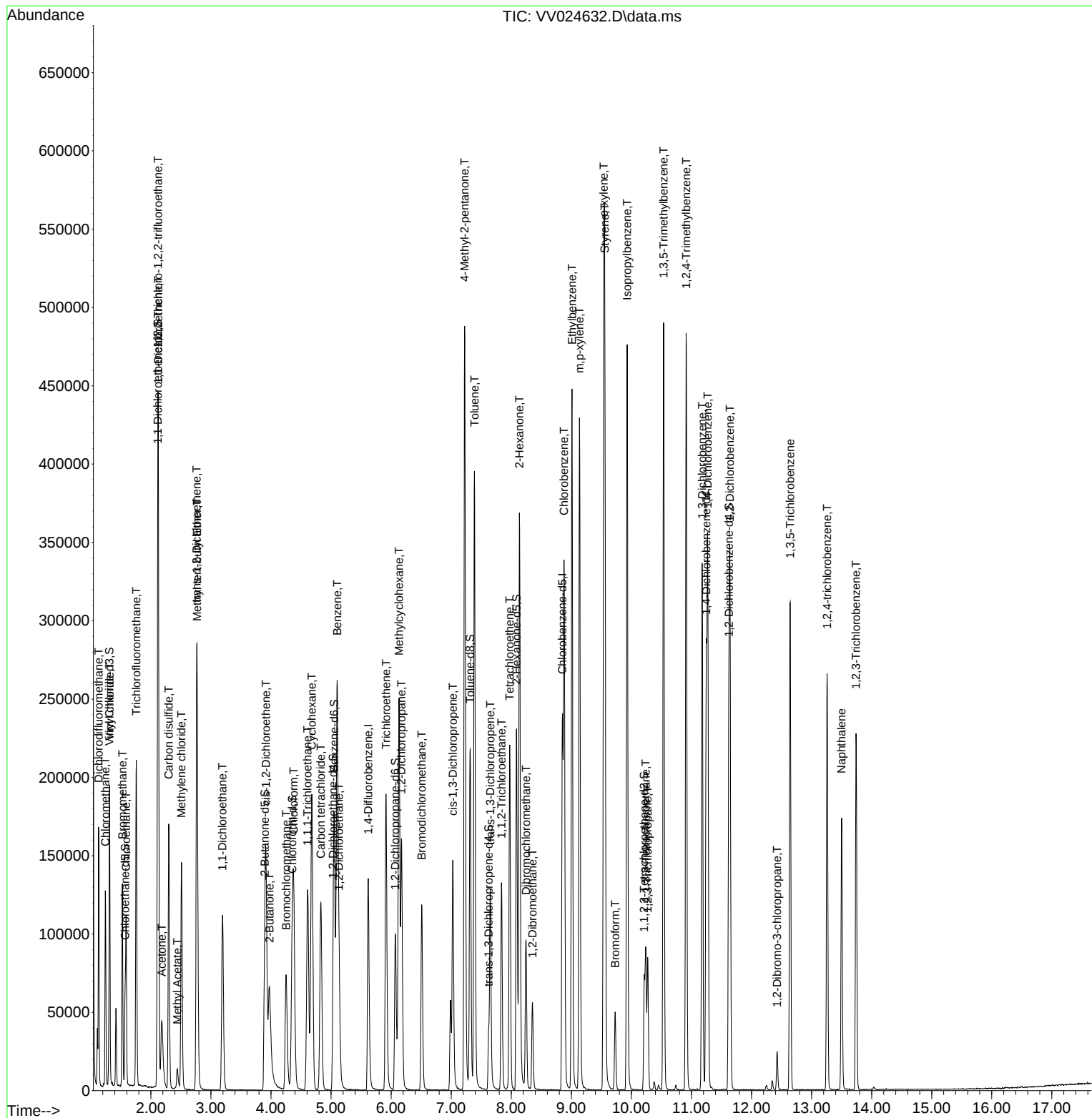
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	64782	5.569	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	103787	5.352	ug/L	97
30) Cyclohexane	4.680	56	105723	5.292	ug/L	97
31) Carbon tetrachloride	4.831	117	88066	5.362	ug/L	100
33) Benzene	5.101	78	261508	5.668	ug/L	100
34) Trichloroethene	5.915	95	67559	5.318	ug/L	89
35) Methylcyclohexane	6.133	83	108090	5.143	ug/L	98
37) 1,2-Dichloropropane	6.172	63	61600	5.509	ug/L #	96
38) Bromodichloromethane	6.509	83	79473	5.347	ug/L #	98
39) cis-1,3-Dichloropropene	7.027	75	89951	5.279	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	319061	55.290	ug/L	99
42) Toluene	7.387	91	284427	5.659	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	71415	5.074	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	40148	5.540	ug/L	96
47) Tetrachloroethene	7.976	164	44110	5.234	ug/L	90
48) 2-Hexanone	8.136	43	224759	56.899	ug/L	98
49) Dibromochloromethane	8.246	129	46463	5.310	ug/L	98
50) 1,2-Dibromoethane	8.352	107	36852	5.418	ug/L #	96
51) Chlorobenzene	8.879	112	172140	5.589	ug/L	93
52) Ethylbenzene	9.011	91	310311	5.549	ug/L	97
53) m,p-xylene	9.136	106	119506	5.642	ug/L	93
54) o-xylene	9.541	106	114355	5.599	ug/L	95
55) Styrene	9.558	104	188964	5.636	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	43296	5.899	ug/L	99
59) Bromoform	9.731	173	19987	5.186	ug/L	98
60) Isopropylbenzene	9.931	105	307918	5.629	ug/L	97
61) 1,2,3-Trichloropropane	10.271	75	32988	5.548	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	258171	5.511	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	258947	5.561	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	123948	5.566	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	124069	5.610	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	110435	5.587	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6352	5.500	ug/L #	74
69) 1,3,5-Trichlorobenzene	12.644	180	83654	5.281	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	68921	5.388	ug/L	96
71) Naphthalene	13.499	128	128998	5.567	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	59114	5.494	ug/L	98

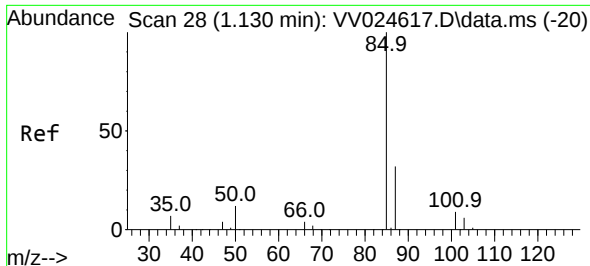
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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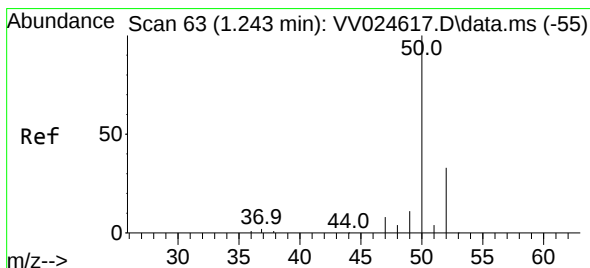
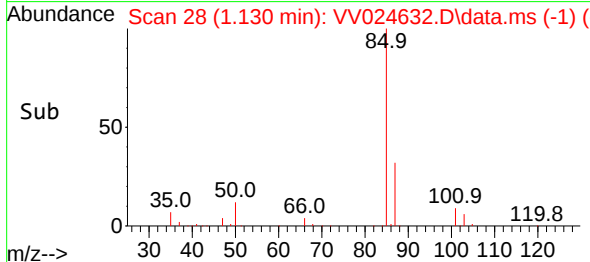
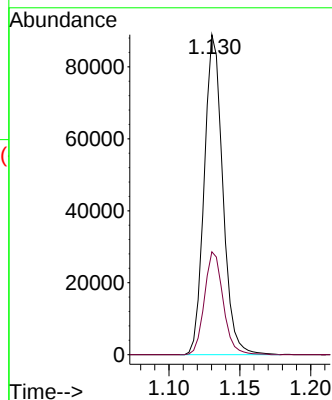
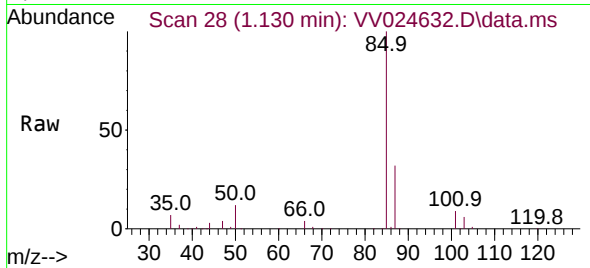




#2
 Dichlorodifluoromethane
 Concen: 5.331 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024632.D
 Acq: 12 Feb 2022 03:15

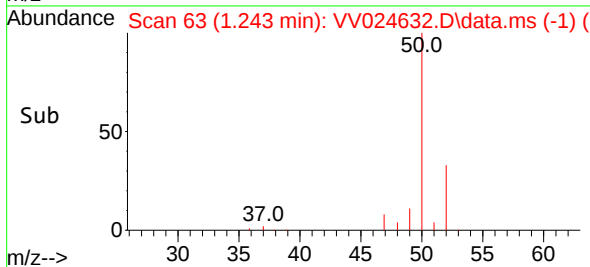
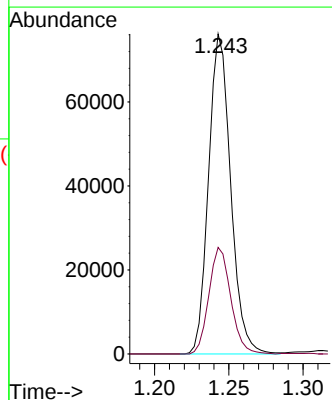
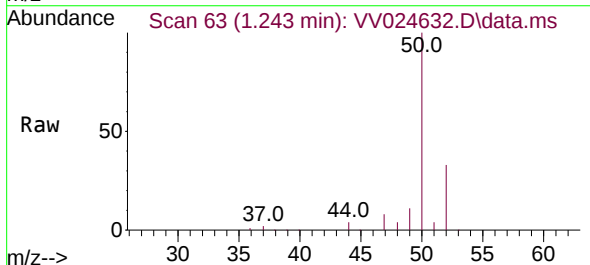
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCW9MSD

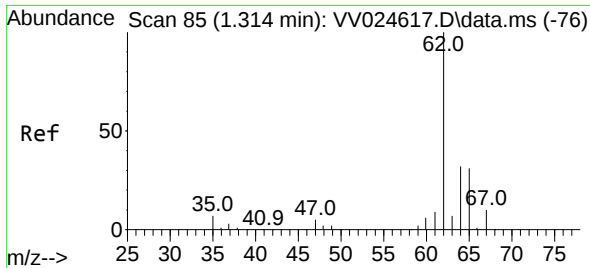
Tgt Ion: 85 Resp: 80839
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 5.285 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024632.D
 Acq: 12 Feb 2022 03:15

Tgt Ion: 50 Resp: 78850
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.0 41.0

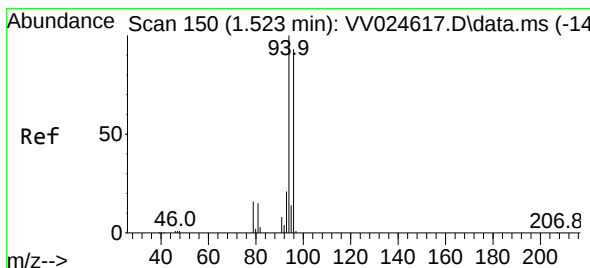
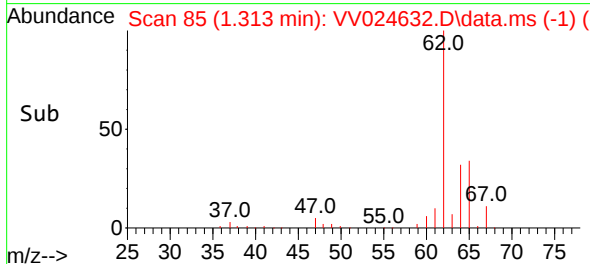
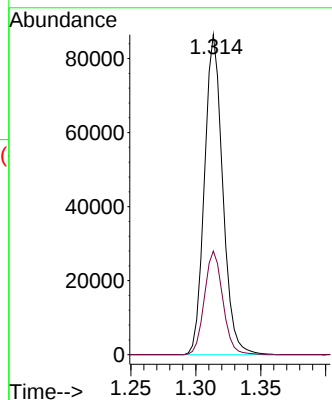
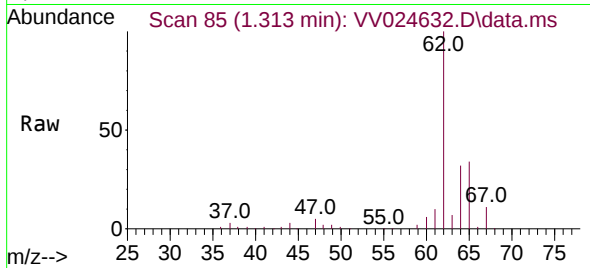




#5
 Vinyl chloride
 Concen: 5.270 ug/L
 RT: 1.313 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV024632.D
 Acq: 12 Feb 2022 03:15

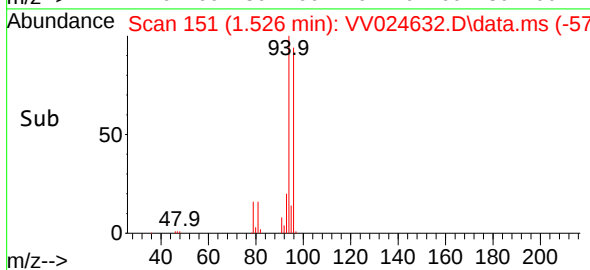
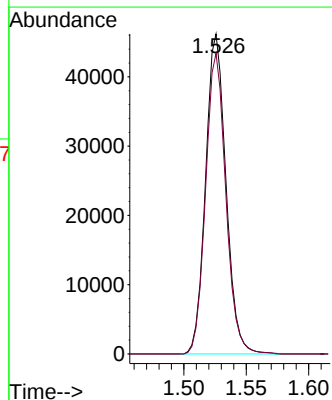
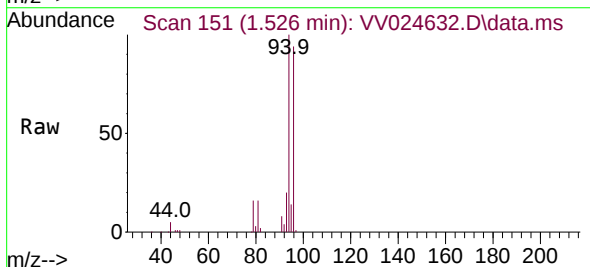
Instrument :
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 ClientSampleId :
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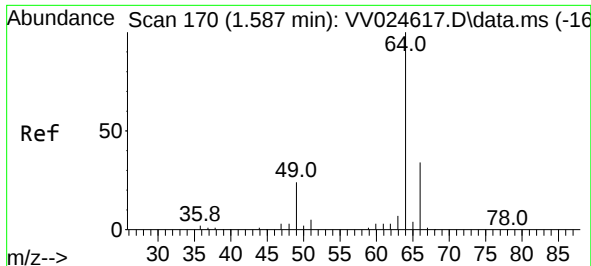
Tgt Ion: 62 Resp: 84679
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.4 41.6



#6
 Bromomethane
 Concen: 5.314 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV024632.D
 Acq: 12 Feb 2022 03:15

Tgt Ion: 94 Resp: 52566
 Ion Ratio Lower Upper
 94 100
 96 94.0 66.2 123.0

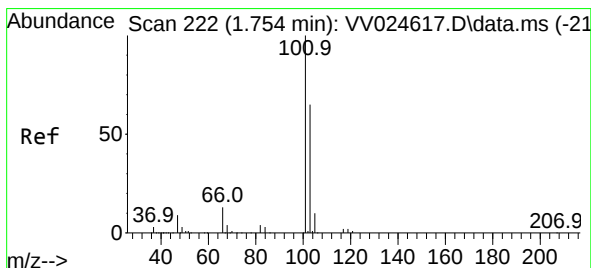
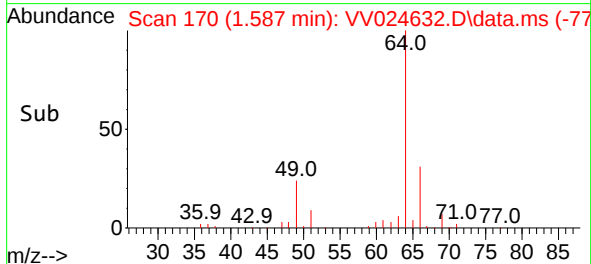
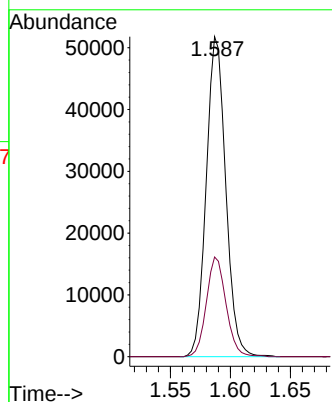
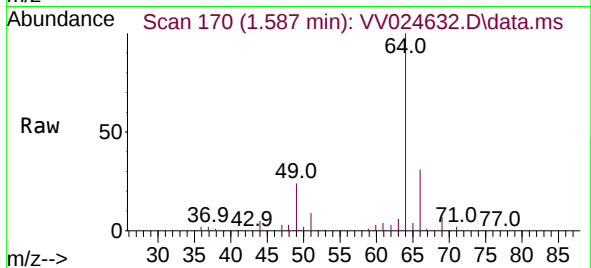




#8
Chloroethane
Concen: 5.958 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

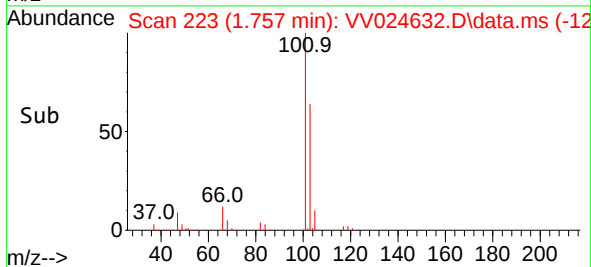
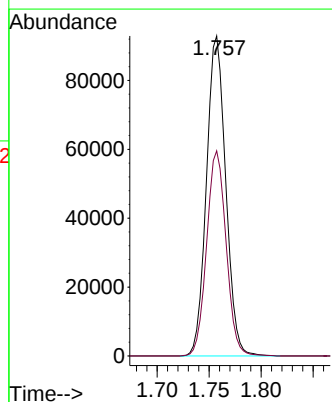
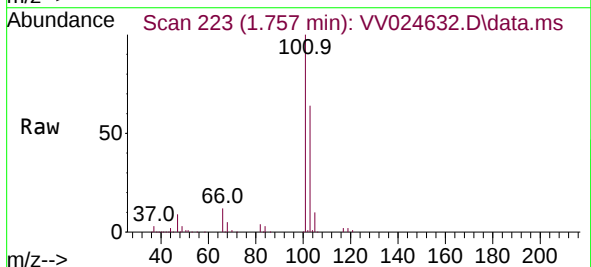
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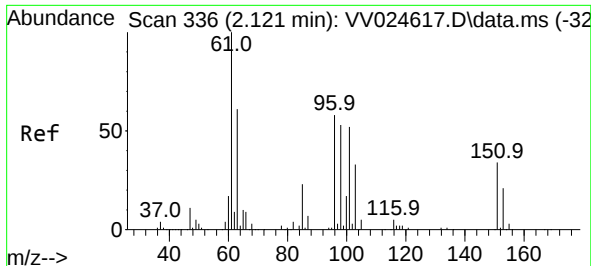
Tgt Ion: 64 Resp: 58638
Ion Ratio Lower Upper
64 100
66 31.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.524 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

Tgt Ion: 101 Resp: 119944
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

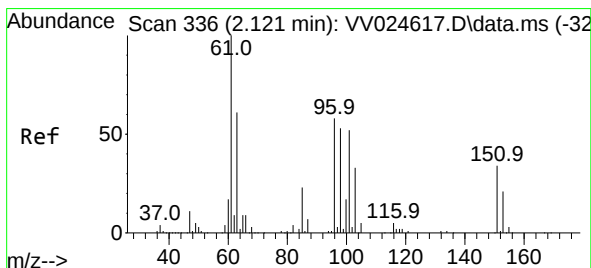
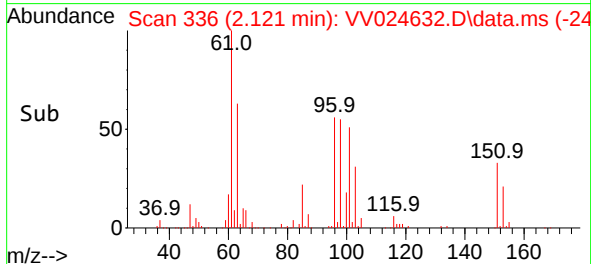
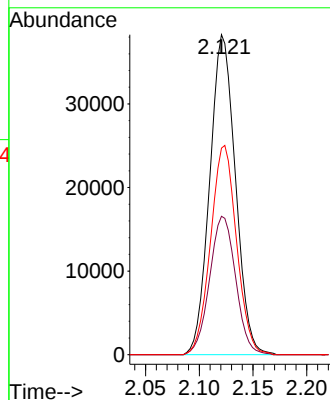
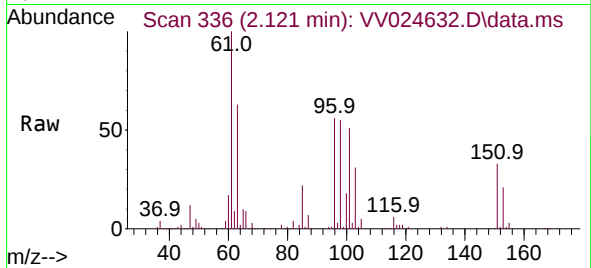




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.250 ug/L
 RT: 2.121 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV024632.D
 Acq: 12 Feb 2022 03:15

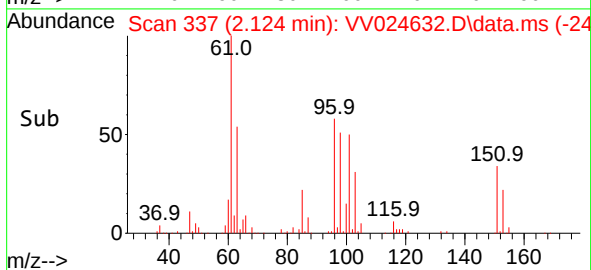
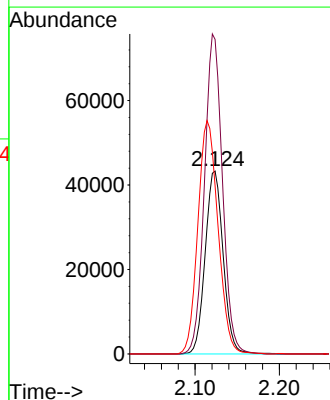
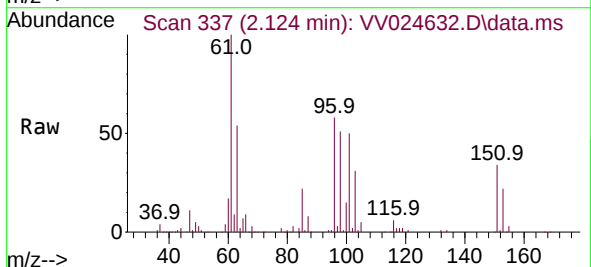
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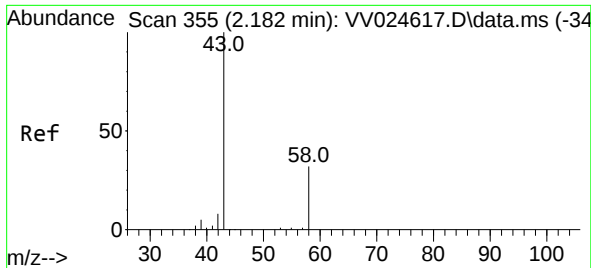
Tgt Ion:101 Resp: 63560
 Ion Ratio Lower Upper
 101 100
 85 43.9 36.0 54.0
 151 66.3 66.4 99.6#



#12
 1,1-Dichloroethene
 Concen: 5.379 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV024632.D
 Acq: 12 Feb 2022 03:15

Tgt Ion: 96 Resp: 64261
 Ion Ratio Lower Upper
 96 100
 61 172.0 116.1 215.5
 63 92.1 79.4 147.4





#13

Acetone

Concen: 55.579 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.000 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

Instrument :

MSVOA_V

ClientSampleId :

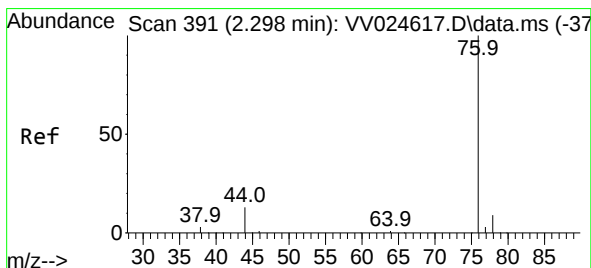
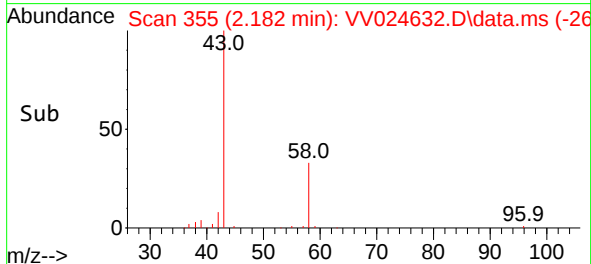
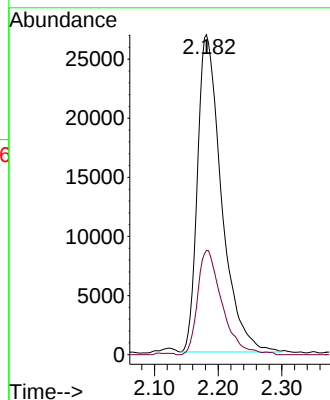
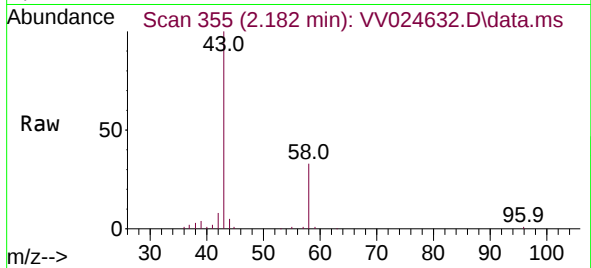
GBCW9MSD

Tgt Ion: 43 Resp: 70429

Ion Ratio Lower Upper

43 100

58 33.1 0.0 41.4



#14

Carbon disulfide

Concen: 5.004 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV024632.D

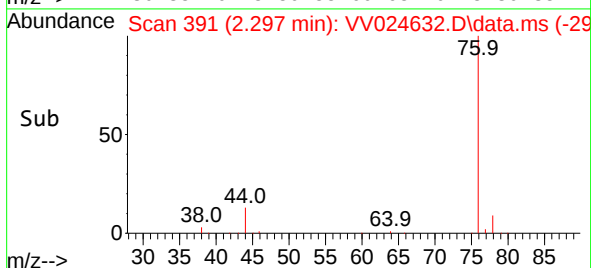
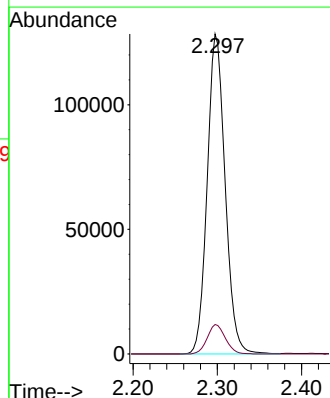
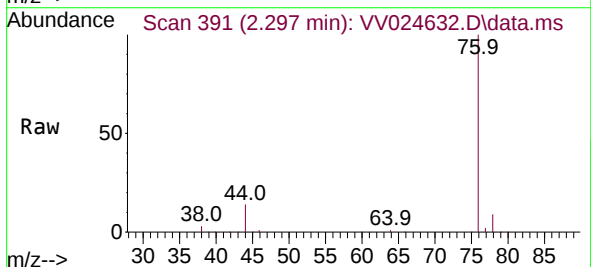
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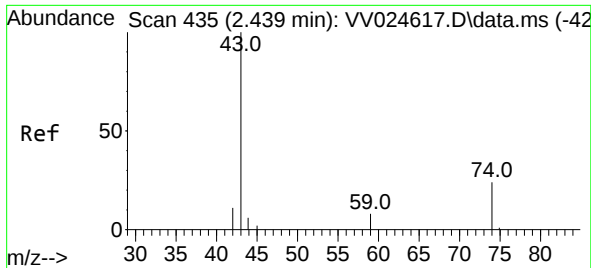
Tgt Ion: 76 Resp: 190024

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

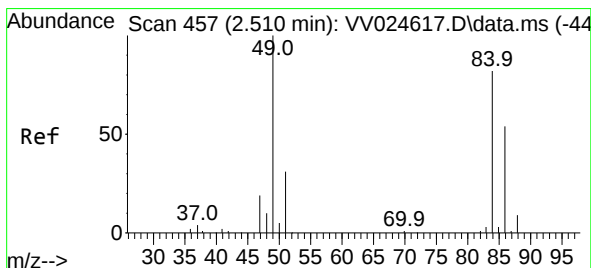
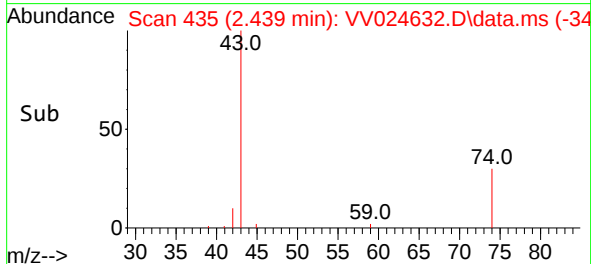
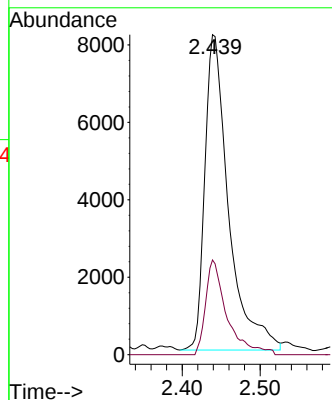
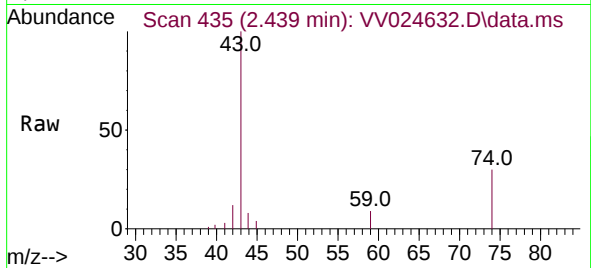




#15
Methyl Acetate
Concen: 4.764 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

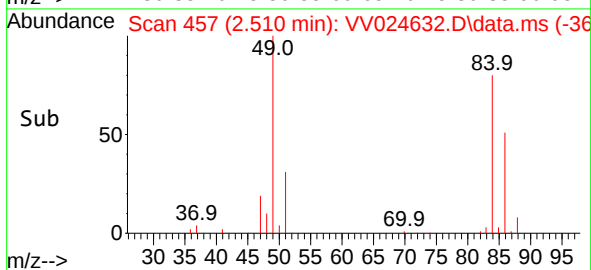
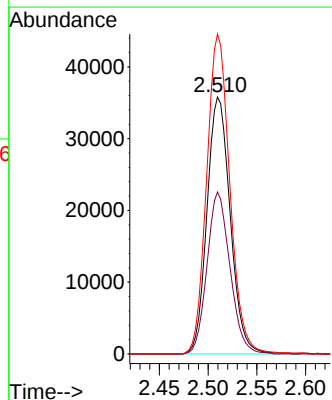
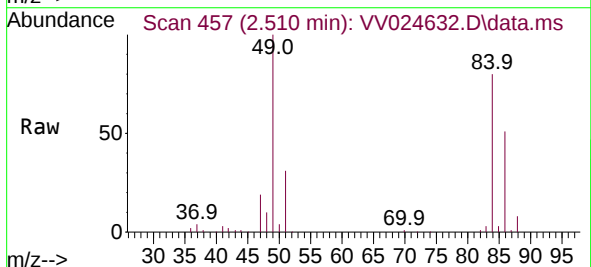
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MSD

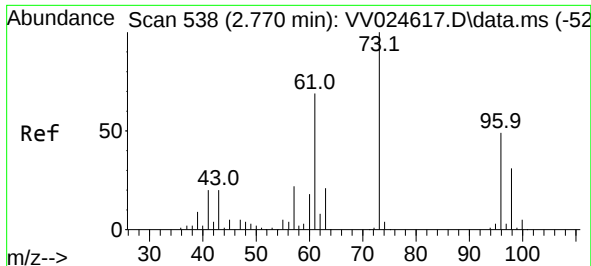
Tgt Ion: 43 Resp: 17265
Ion Ratio Lower Upper
43 100
74 26.8 20.2 30.2



#16
Methylene chloride
Concen: 5.018 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

Tgt Ion: 84 Resp: 59398
Ion Ratio Lower Upper
84 100
86 63.0 42.6 79.0
49 124.5 79.7 147.9





#17

Methyl tert-butyl Ether

Concen: 5.319 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

Instrument :

MSVOA_V

ClientSampleId :

GBCW9MSD

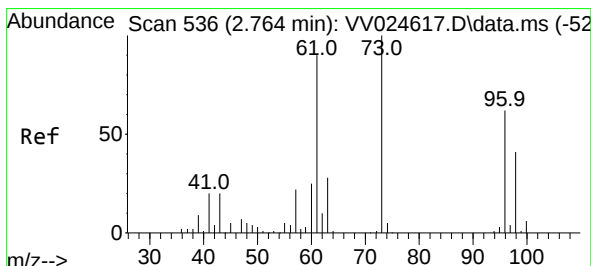
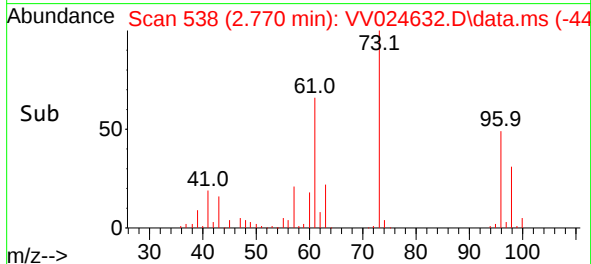
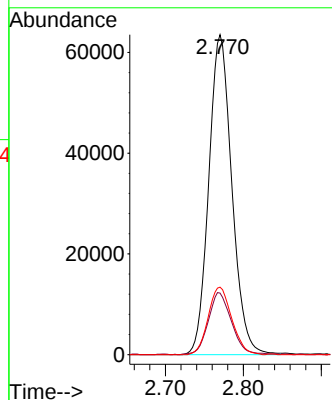
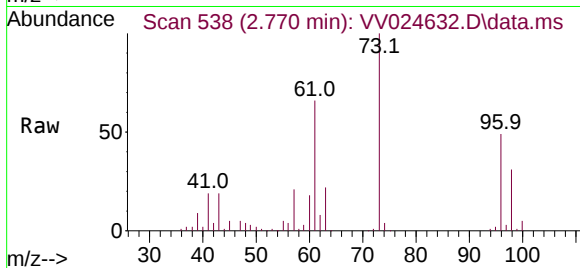
Tgt Ion: 73 Resp: 130969

Ion Ratio Lower Upper

73 100

43 19.6 15.5 23.3

57 21.5 17.1 25.7



#18

trans-1,2-Dichloroethene

Concen: 5.314 ug/L

RT: 2.764 min Scan# 536

Delta R.T. -0.000 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

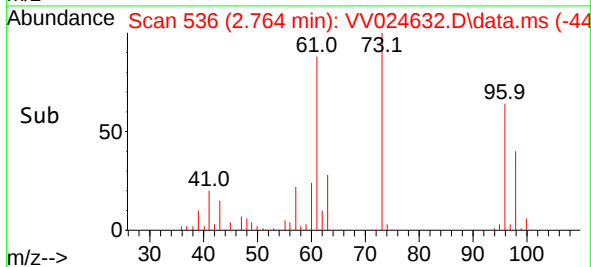
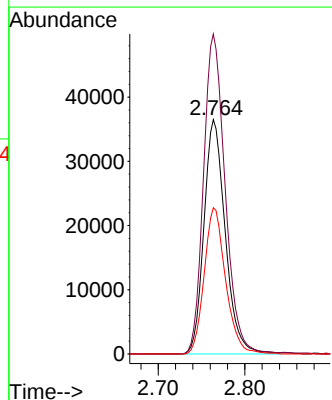
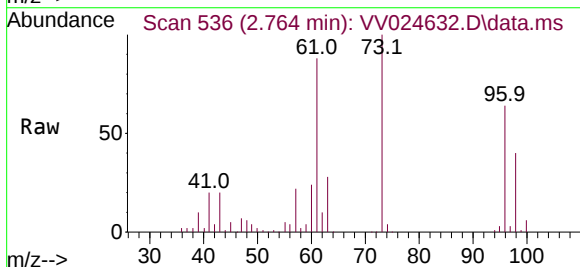
Tgt Ion: 96 Resp: 62380

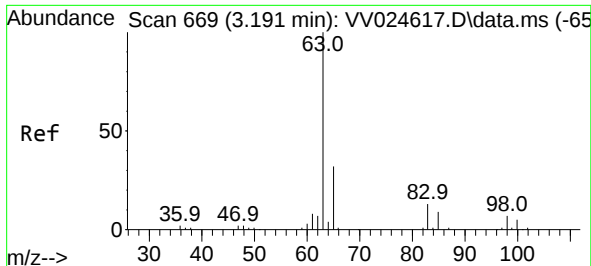
Ion Ratio Lower Upper

96 100

61 136.5 88.2 163.8

98 62.4 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.643 ug/L

RT: 3.191 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

Instrument :

MSVOA_V

ClientSampleId :

GBCW9MSD

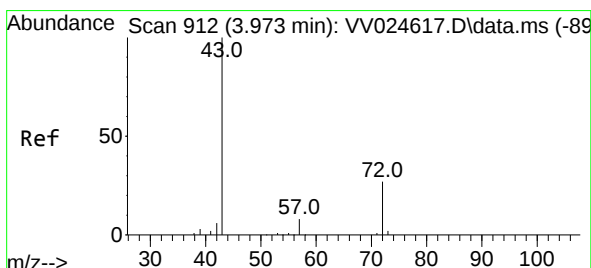
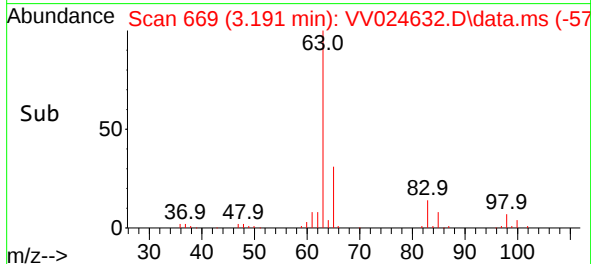
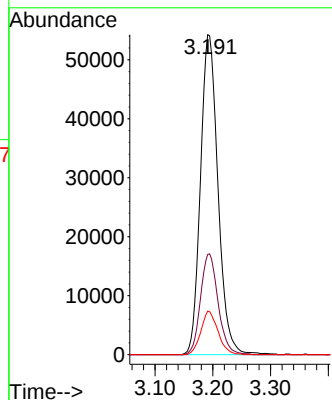
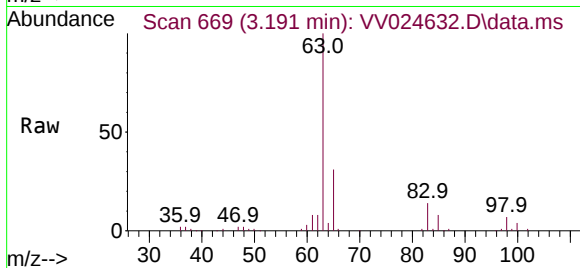
Tgt Ion: 63 Resp: 114399

Ion Ratio Lower Upper

63 100

65 31.3 22.3 41.3

83 13.6 10.7 19.9



#21

2-Butanone

Concen: 57.347 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.003 min

Lab File: VV024632.D

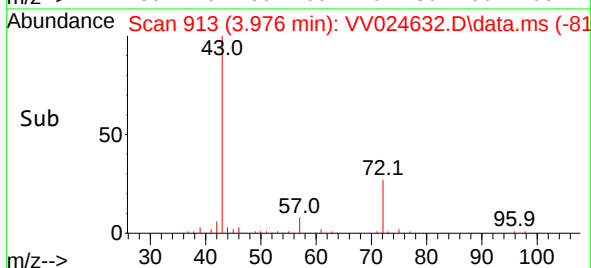
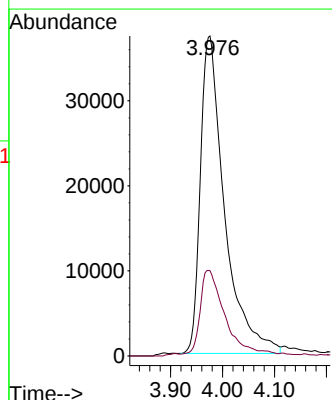
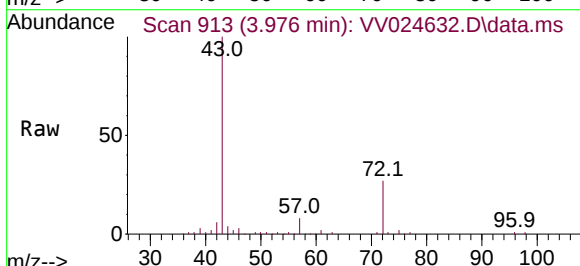
Acq: 12 Feb 2022 03:15

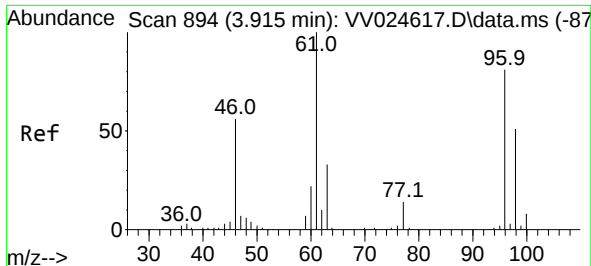
Tgt Ion: 43 Resp: 120436

Ion Ratio Lower Upper

43 100

72 27.0 11.1 33.1

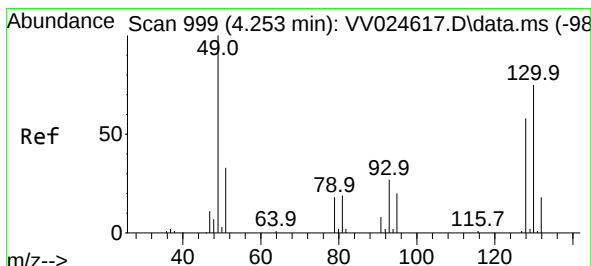
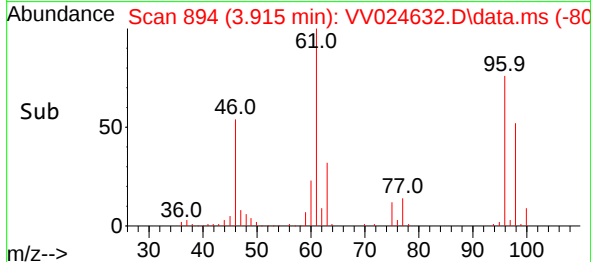
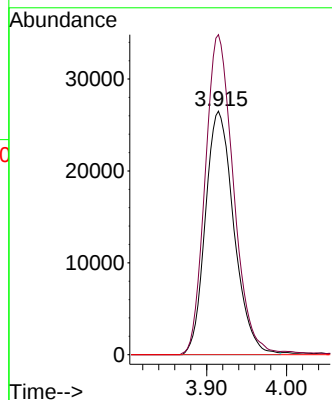
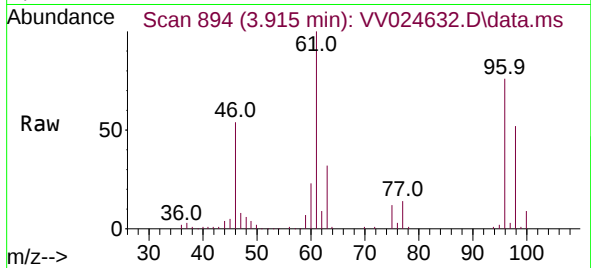




#22
 cis-1,2-Dichloroethene
 Concen: 5.562 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. -0.000 min
 Lab File: VV024632.D
 Acq: 12 Feb 2022 03:15

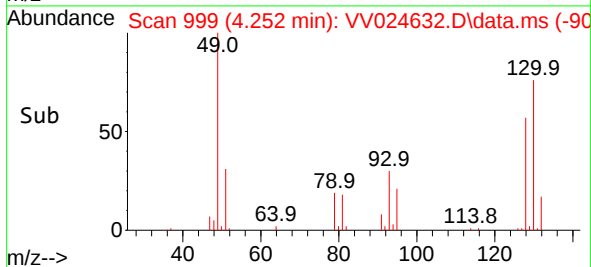
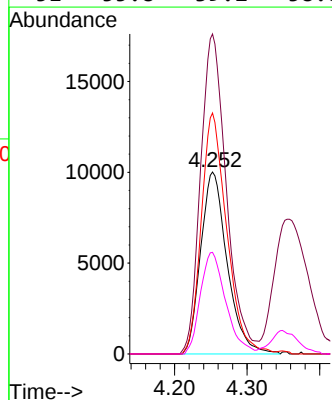
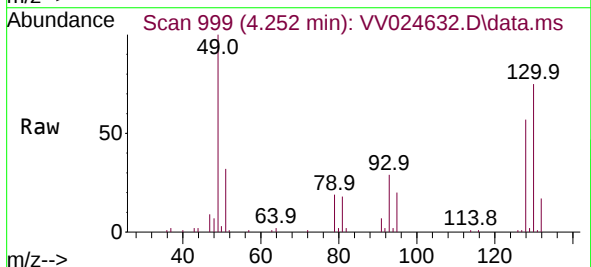
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCW9MSD

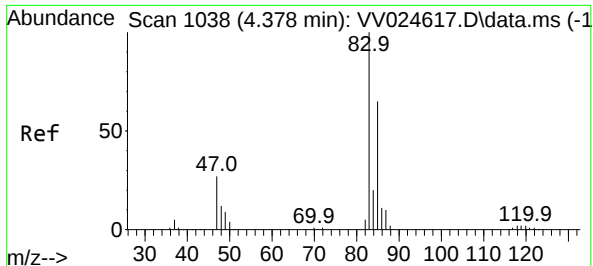
Tgt Ion: 96 Resp: 65816
 Ion Ratio Lower Upper
 96 100
 61 131.4 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.656 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. -0.000 min
 Lab File: VV024632.D
 Acq: 12 Feb 2022 03:15

Tgt Ion: 128 Resp: 25420
 Ion Ratio Lower Upper
 128 100
 49 175.8 100.2 186.2
 130 132.4 92.5 171.7
 51 55.8 39.2 58.8





#25

Chloroform

Concen: 5.423 ug/L

RT: 4.378 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

Instrument :

MSVOA_V

ClientSampleId :

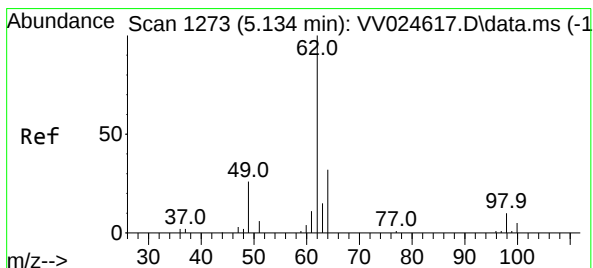
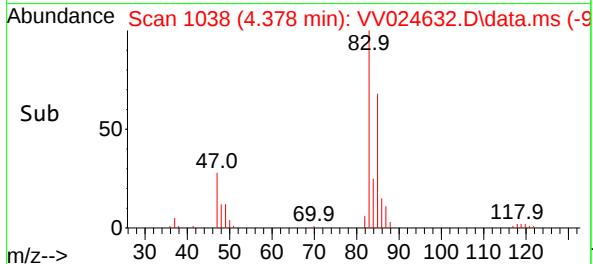
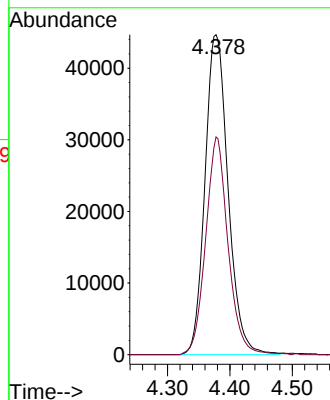
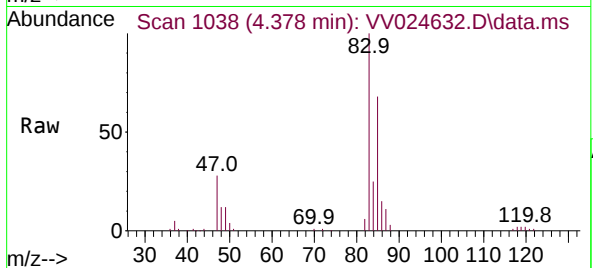
GBCW9MSD

Tgt Ion: 83 Resp: 115071

Ion Ratio Lower Upper

83 100

85 68.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.569 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VV024632.D

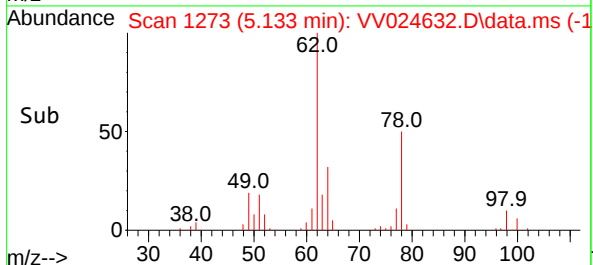
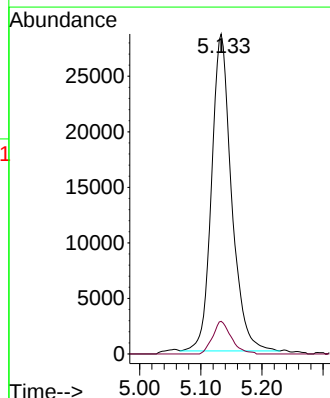
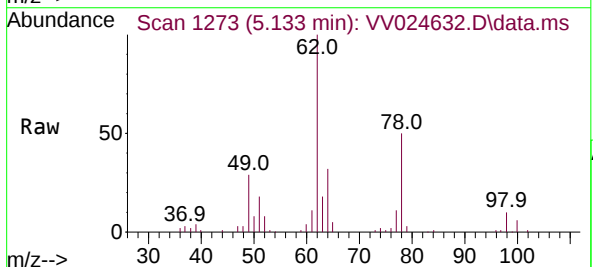
Acq: 12 Feb 2022 03:15

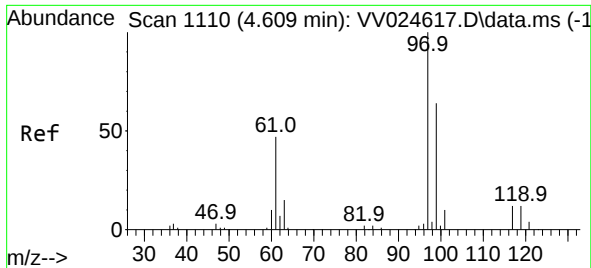
Tgt Ion: 62 Resp: 64782

Ion Ratio Lower Upper

62 100

98 10.2 8.1 12.1

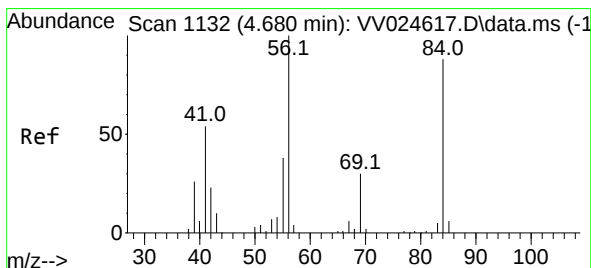
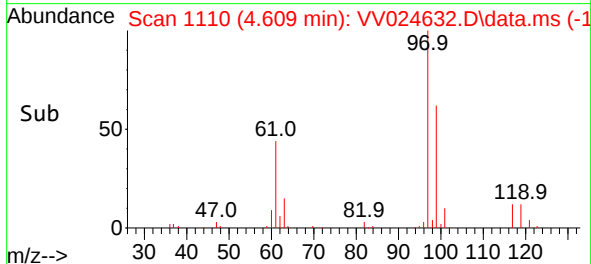
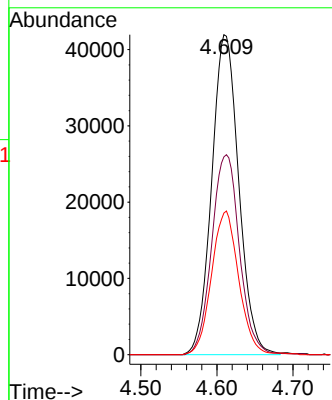
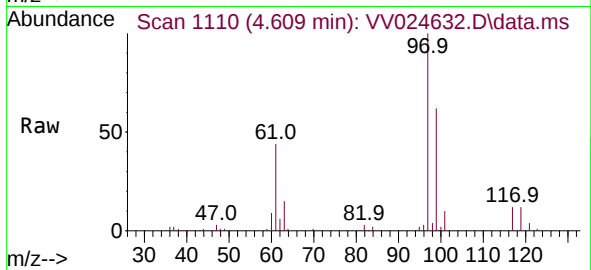




#29
1,1,1-Trichloroethane
Concen: 5.352 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

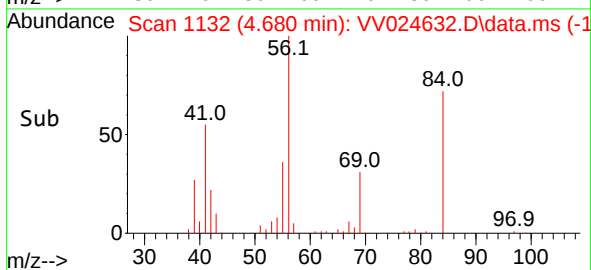
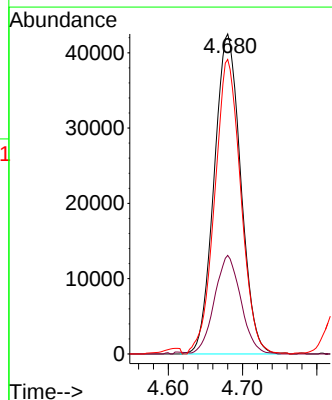
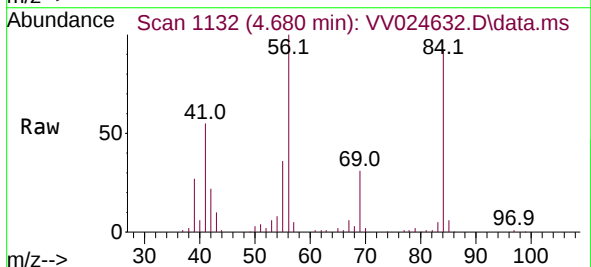
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MSD

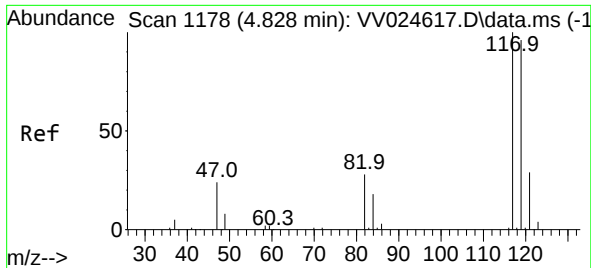
Tgt Ion: 97 Resp: 103787
Ion Ratio Lower Upper
97 100
99 64.1 51.9 77.9
61 45.0 33.2 49.8



#30
Cyclohexane
Concen: 5.292 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

Tgt Ion: 56 Resp: 105723
Ion Ratio Lower Upper
56 100
69 30.5 24.8 37.2
84 90.7 75.9 113.9

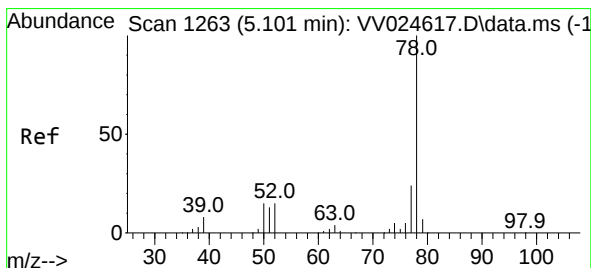
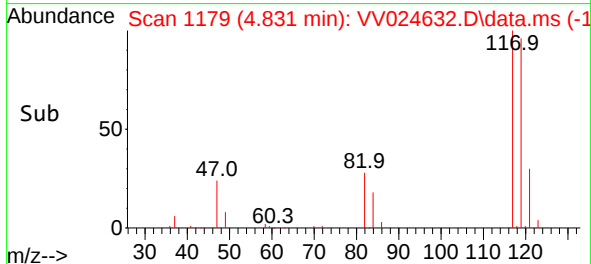
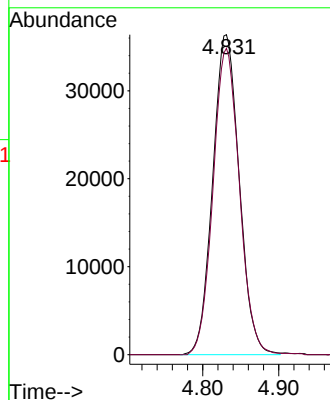
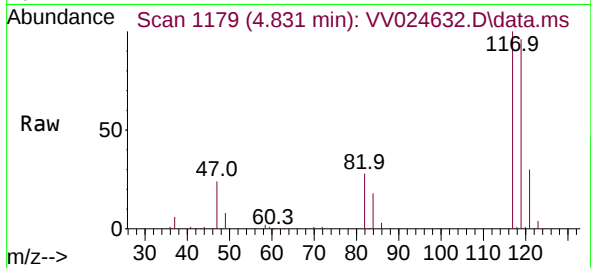




#31
Carbon tetrachloride
Concen: 5.362 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

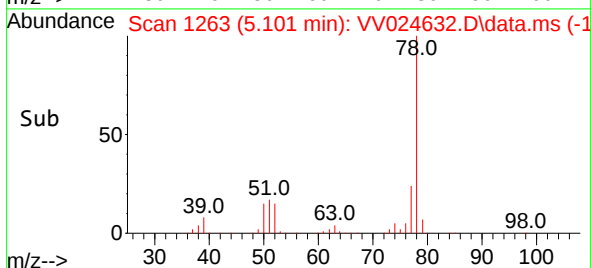
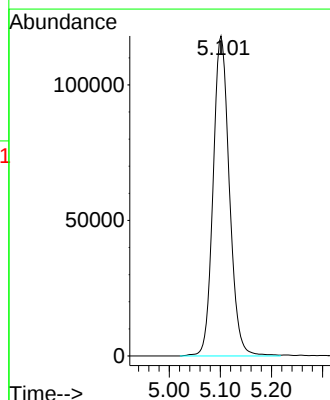
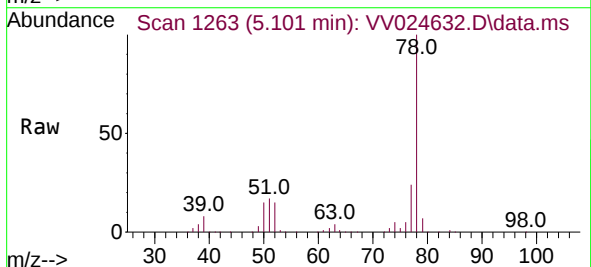
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MSD

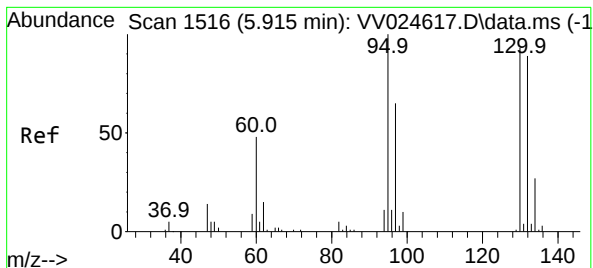
Tgt Ion:117 Resp: 88066
Ion Ratio Lower Upper
117 100
119 95.5 76.6 114.8



#33
Benzene
Concen: 5.668 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

Tgt Ion: 78 Resp: 261508





#34

Trichloroethene

Concen: 5.318 ug/L

RT: 5.915 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

Instrument :

MSVOA_V

ClientSampleId :

GBCW9MSD

Tgt Ion: 95 Resp: 67559

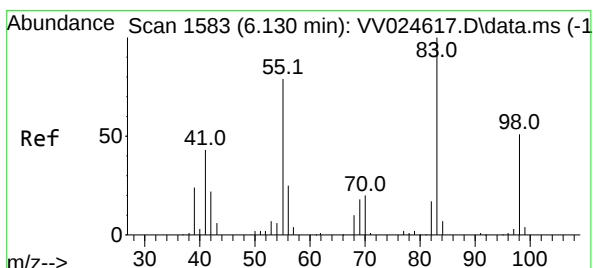
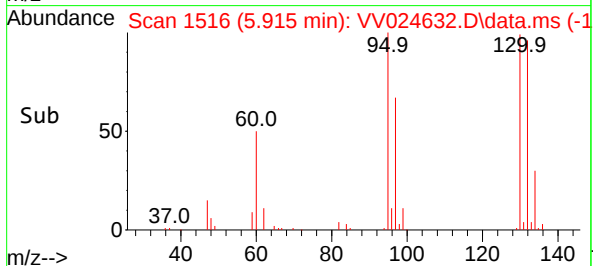
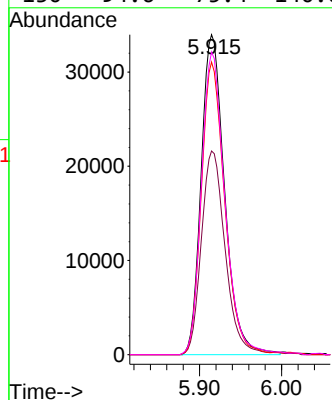
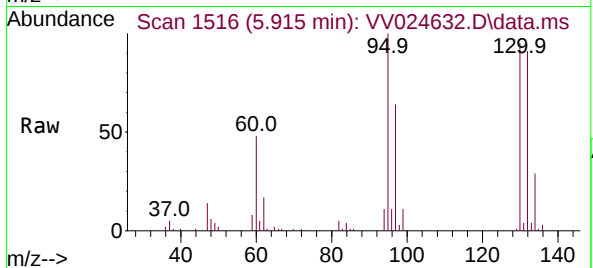
Ion Ratio Lower Upper

95 100

97 63.6 45.2 84.0

132 91.5 76.1 141.3

130 94.6 75.4 140.0



#35

Methylcyclohexane

Concen: 5.143 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

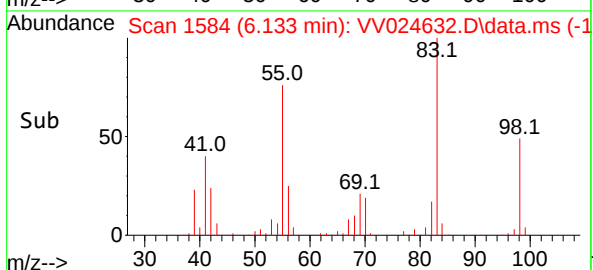
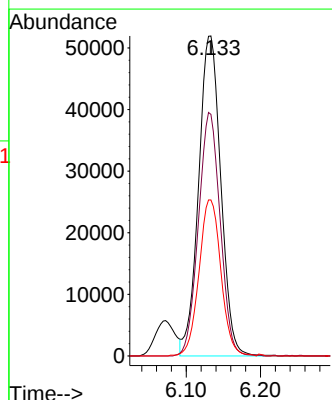
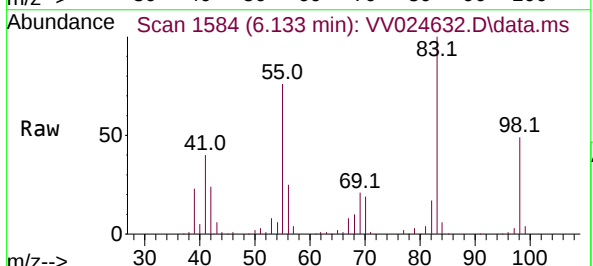
Tgt Ion: 83 Resp: 108090

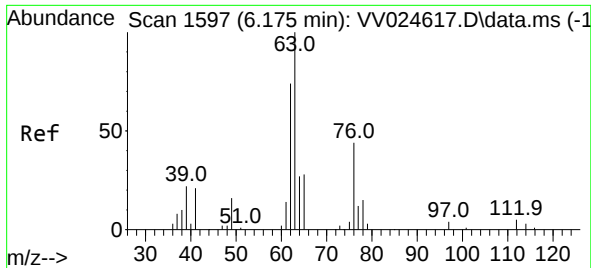
Ion Ratio Lower Upper

83 100

55 74.5 60.2 90.2

98 48.2 41.0 61.4

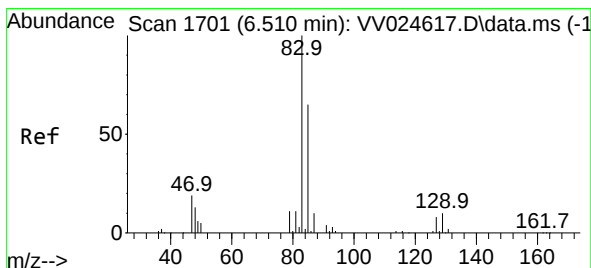
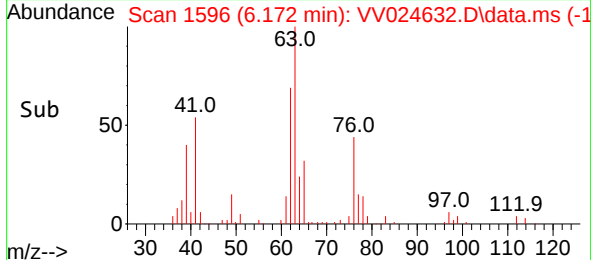
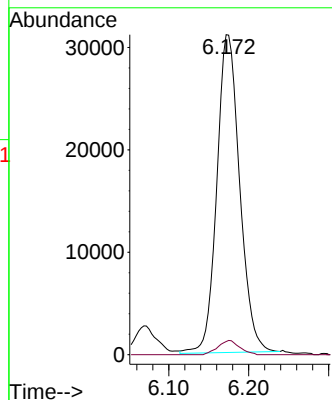
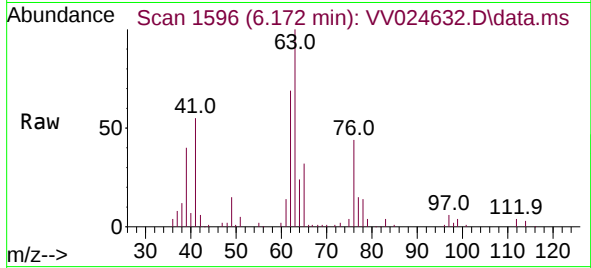




#37
1,2-Dichloropropane
Concen: 5.509 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

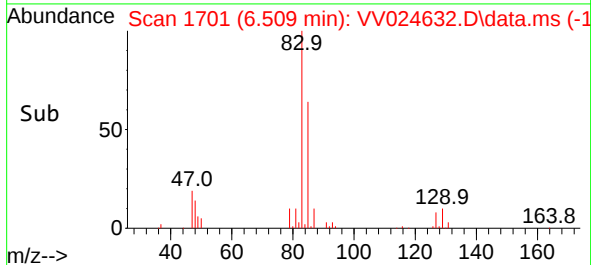
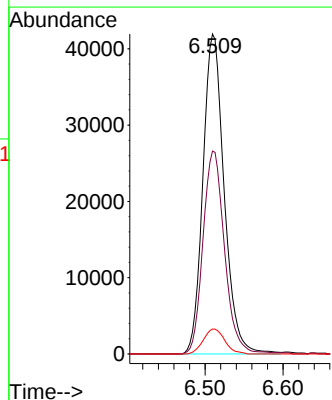
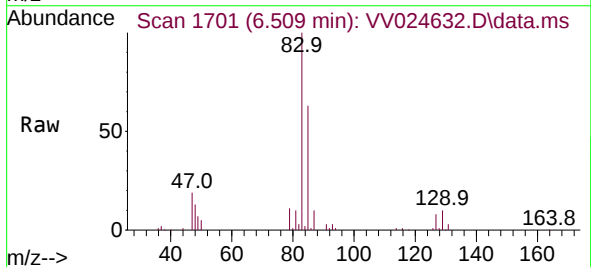
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MSD

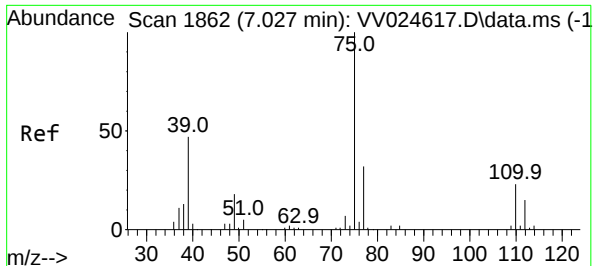
Tgt Ion: 63 Resp: 61600
Ion Ratio Lower Upper
63 100
112 4.2 4.3 6.5#



#38
Bromodichloromethane
Concen: 5.347 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

Tgt Ion: 83 Resp: 79473
Ion Ratio Lower Upper
83 100
85 63.4 44.0 81.8
127 7.8 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 5.279 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

Instrument :

MSVOA_V

ClientSampleId :

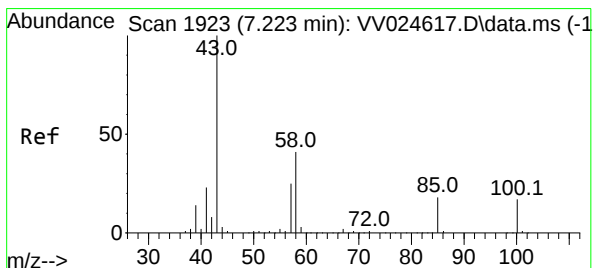
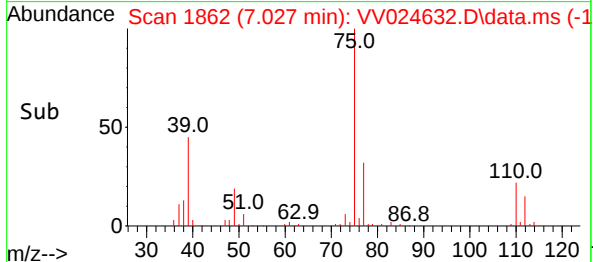
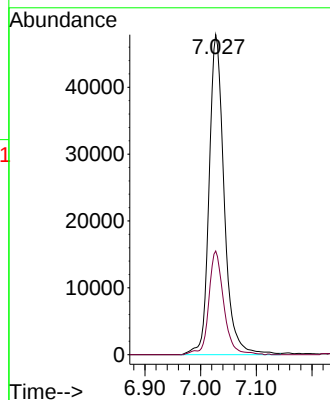
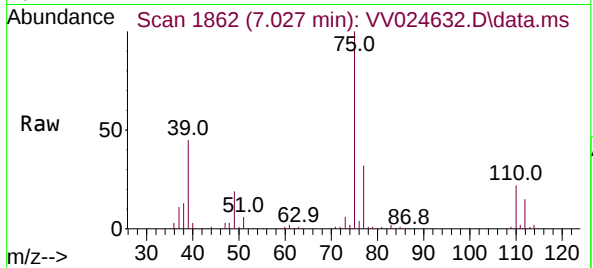
GBCW9MSD

Tgt Ion: 75 Resp: 89951

Ion Ratio Lower Upper

75 100

77 32.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 55.290 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

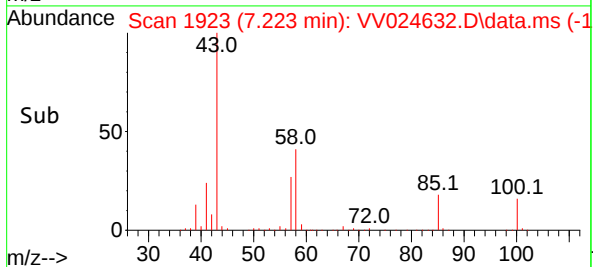
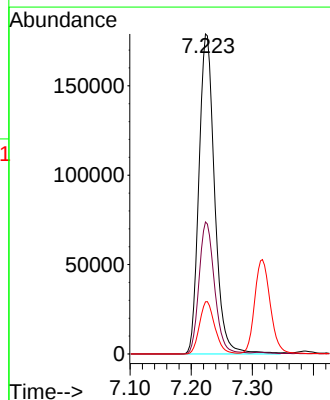
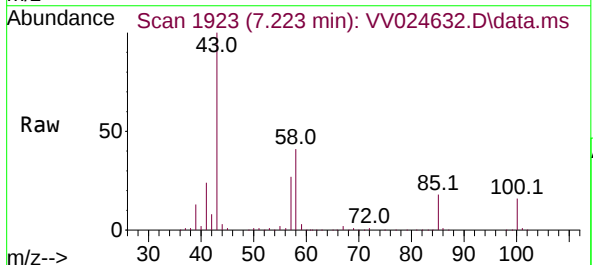
Tgt Ion: 43 Resp: 319061

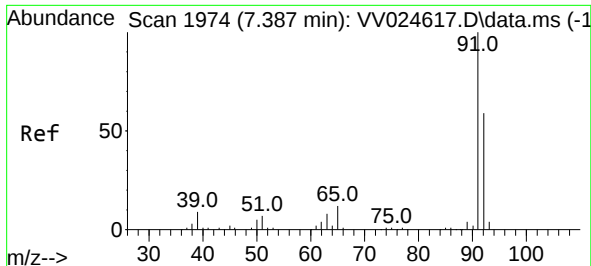
Ion Ratio Lower Upper

43 100

58 40.9 32.3 48.5

100 16.1 13.0 19.6





#42

Toluene

Concen: 5.659 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

Instrument :

MSVOA_V

ClientSampleId :

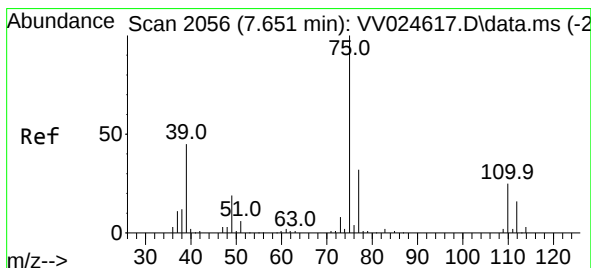
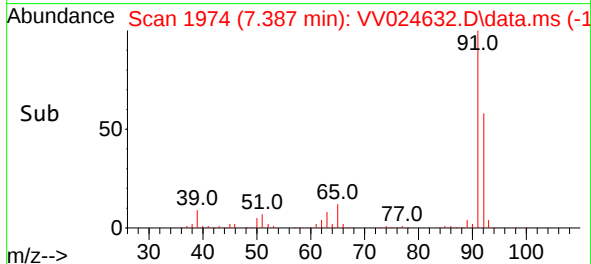
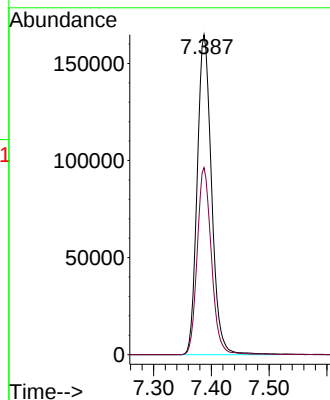
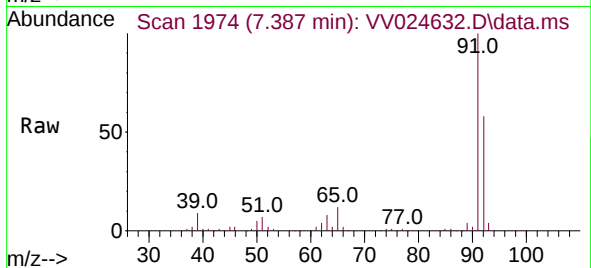
GBCW9MSD

Tgt Ion: 91 Resp: 284427

Ion Ratio Lower Upper

91 100

92 58.5 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.074 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV024632.D

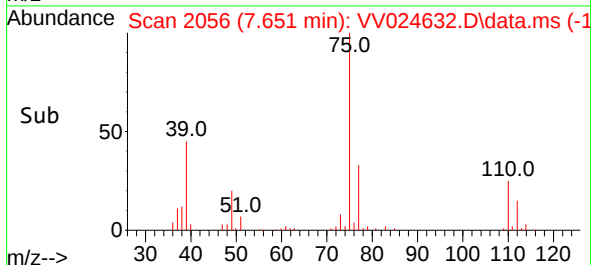
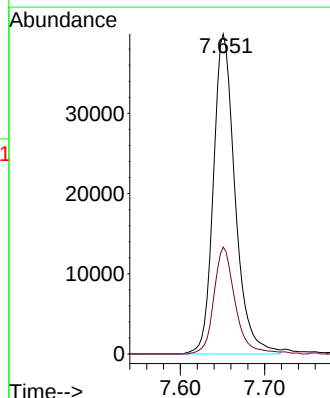
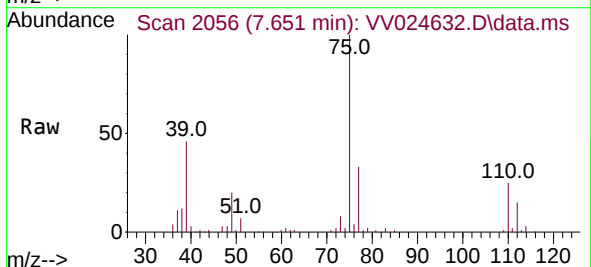
Acq: 12 Feb 2022 03:15

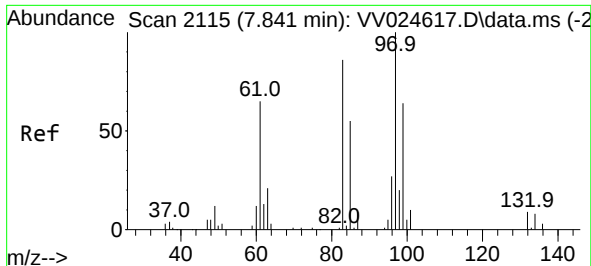
Tgt Ion: 75 Resp: 71415

Ion Ratio Lower Upper

75 100

77 33.4 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.540 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

Instrument :

MSVOA_V

ClientSampleId :

GBCW9MSD

Tgt Ion: 97 Resp: 40148

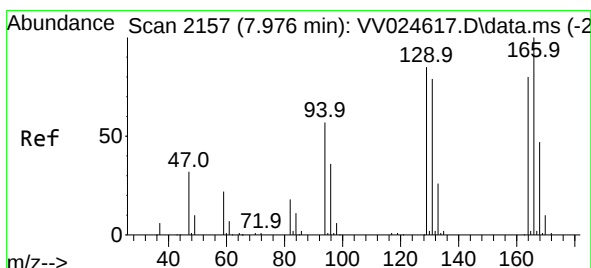
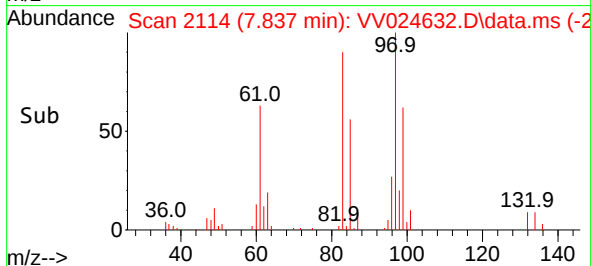
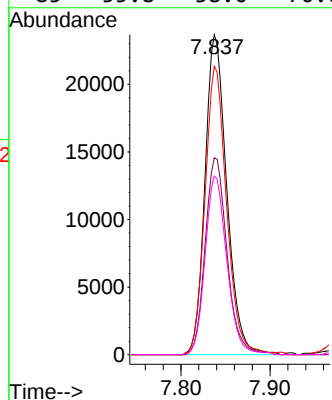
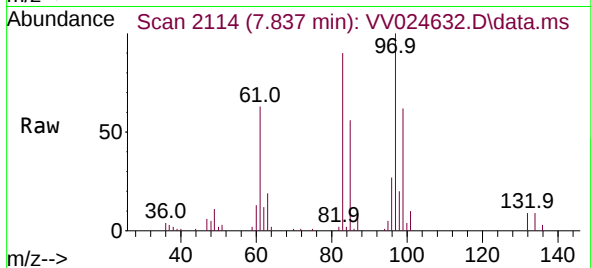
Ion Ratio Lower Upper

97 100

99 61.6 43.1 80.1

83 90.2 57.9 107.5

85 55.8 38.0 70.6



#47

Tetrachloroethene

Concen: 5.234 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

Tgt Ion:164 Resp: 44110

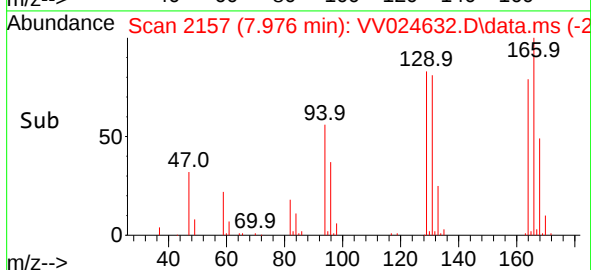
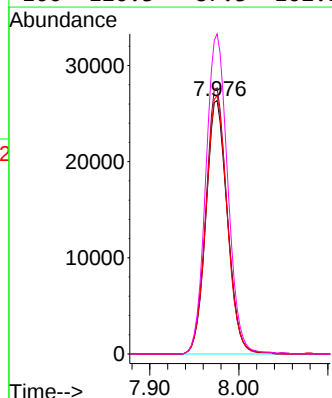
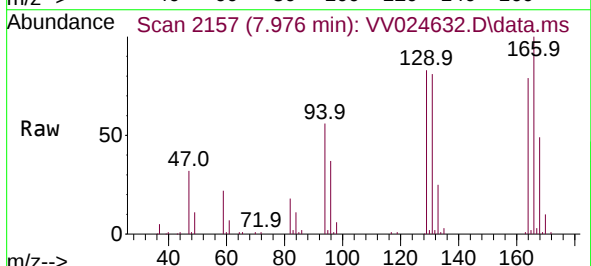
Ion Ratio Lower Upper

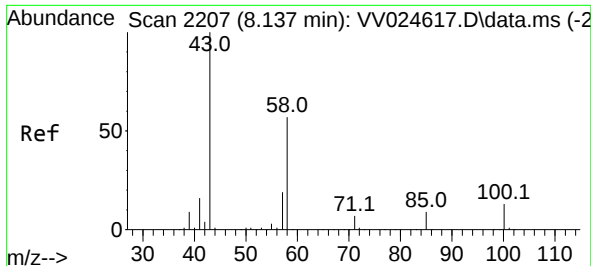
164 100

129 105.0 62.6 116.2

131 101.9 61.0 113.4

166 126.3 87.3 162.1



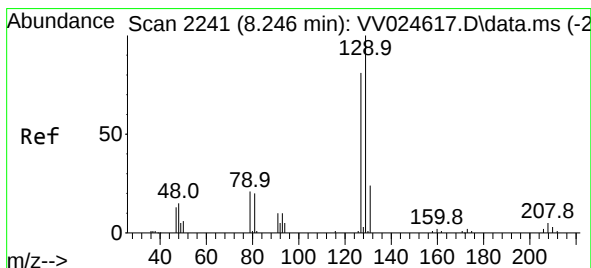
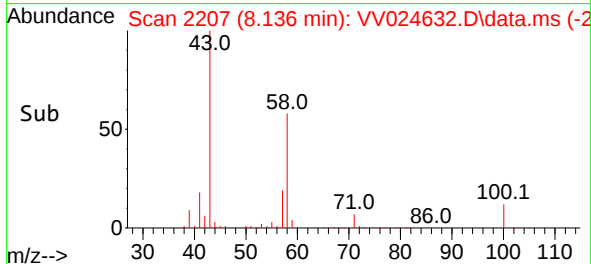
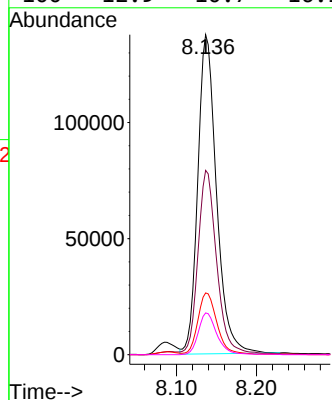
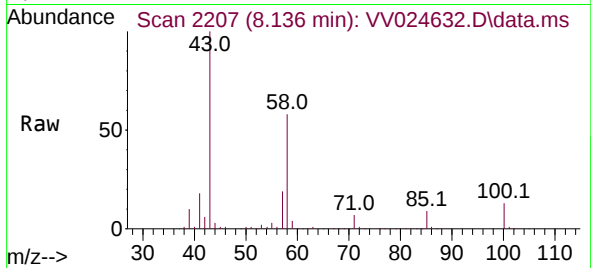


#48
2-Hexanone
Concen: 56.899 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

Instrument :
MSVOA_V
ClientSampleId :
GBCW9MSD

Tgt Ion: 43 Resp: 224759

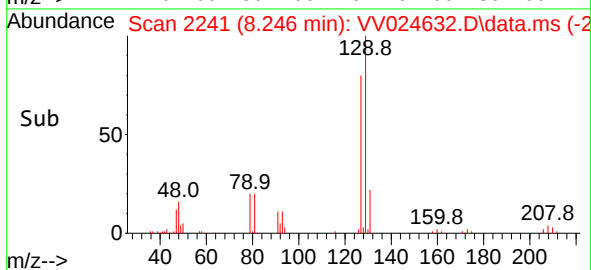
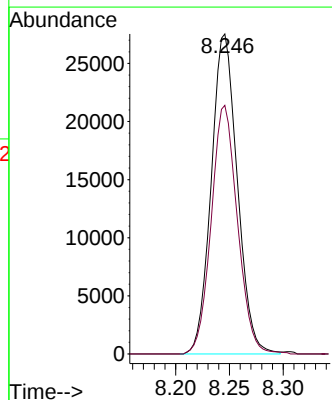
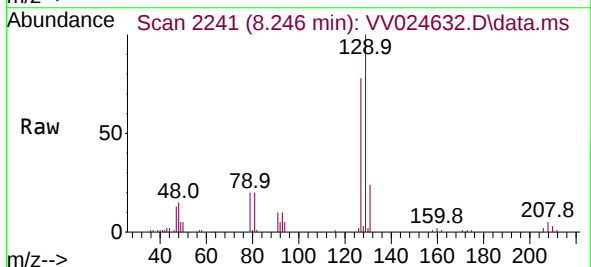
Ion	Ratio	Lower	Upper
43	100		
58	57.6	44.5	66.7
57	19.4	15.1	22.7
100	12.9	10.7	16.1

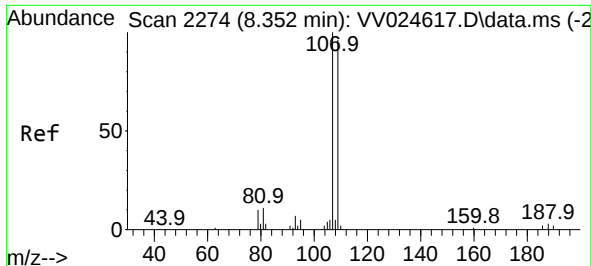


#49
Dibromochloromethane
Concen: 5.310 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

Tgt Ion: 129 Resp: 46463

Ion	Ratio	Lower	Upper
129	100		
127	77.7	53.5	99.3

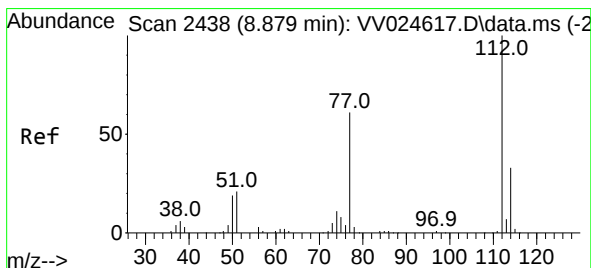
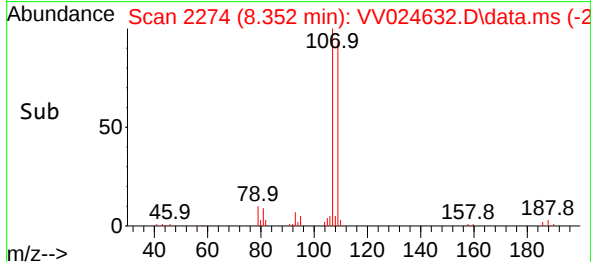
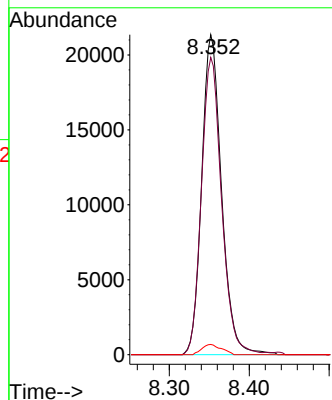
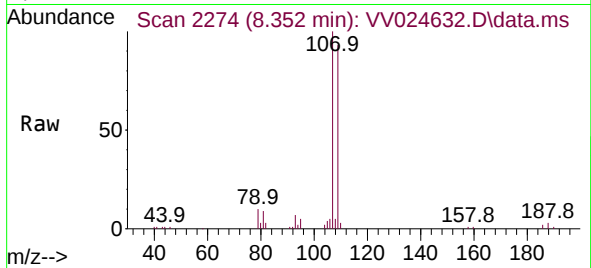




#50
1,2-Dibromoethane
Concen: 5.418 ug/L
RT: 8.352 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

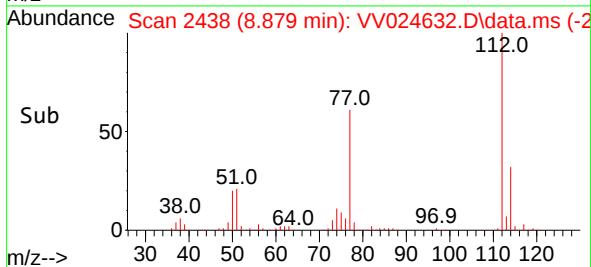
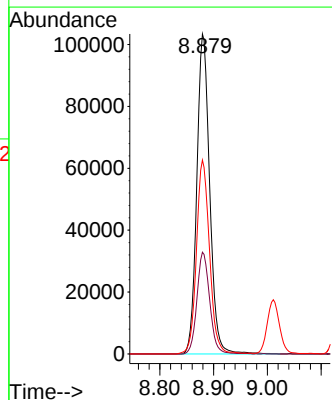
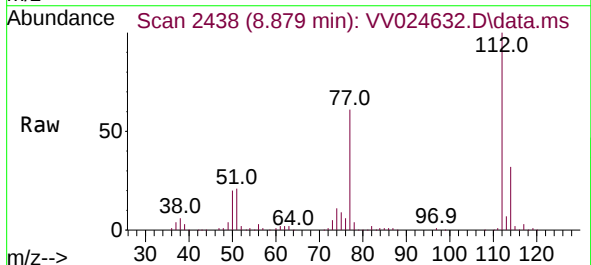
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MSD

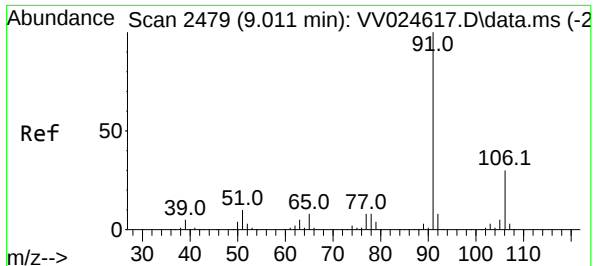
Tgt Ion:107 Resp: 36852
Ion Ratio Lower Upper
107 100
109 92.9 62.5 116.1
188 3.2 3.4 5.2#



#51
Chlorobenzene
Concen: 5.589 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

Tgt Ion:112 Resp: 172140
Ion Ratio Lower Upper
112 100
114 31.8 23.3 43.3
77 60.6 43.3 64.9





#52

Ethylbenzene

Concen: 5.549 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

Instrument :

MSVOA_V

ClientSampleId :

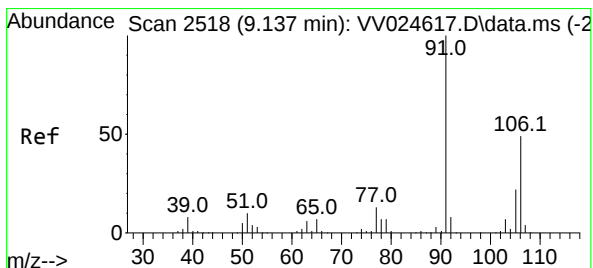
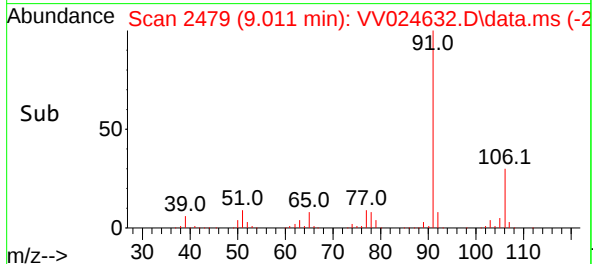
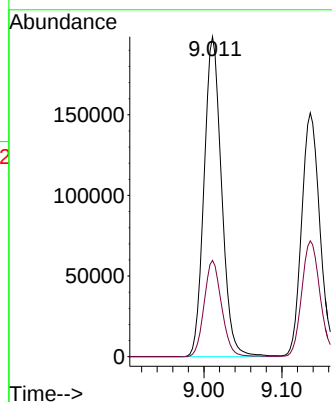
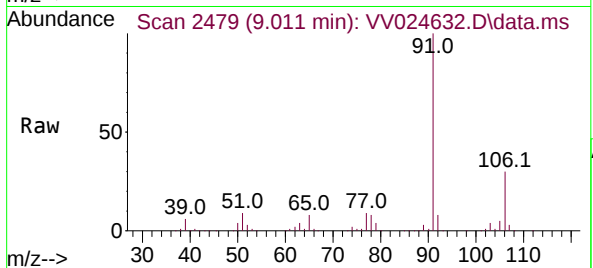
GBCW9MSD

Tgt Ion: 91 Resp: 310311

Ion Ratio Lower Upper

91 100

106 30.1 22.0 41.0



#53

m,p-xylene

Concen: 5.642 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024632.D

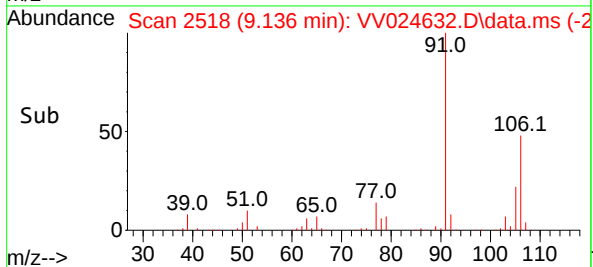
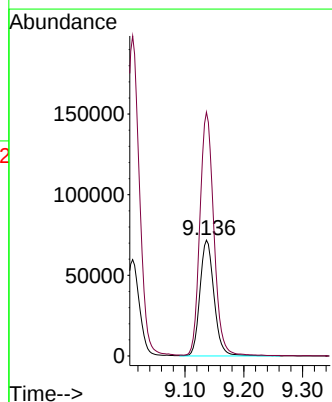
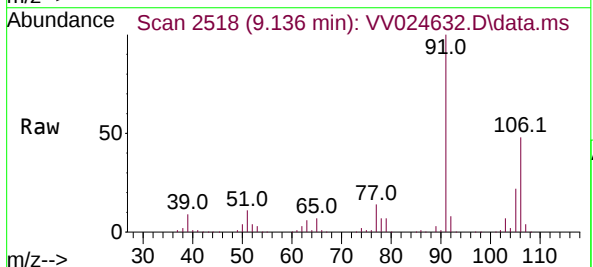
Acq: 12 Feb 2022 03:15

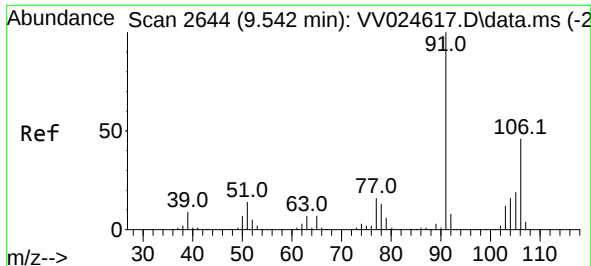
Tgt Ion:106 Resp: 119506

Ion Ratio Lower Upper

106 100

91 210.4 139.5 259.1

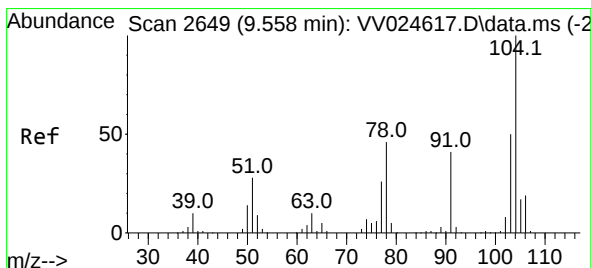
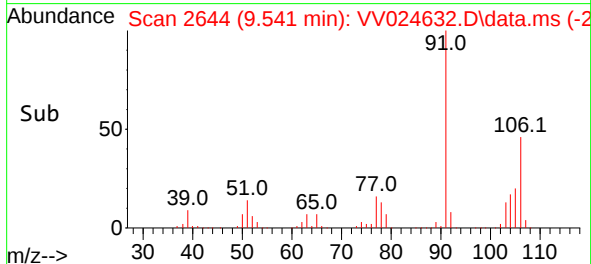
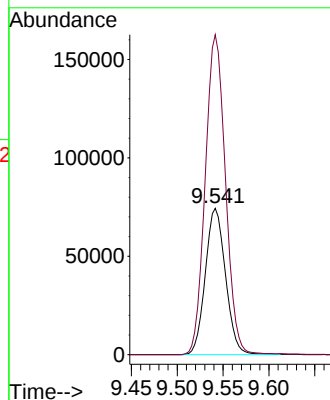
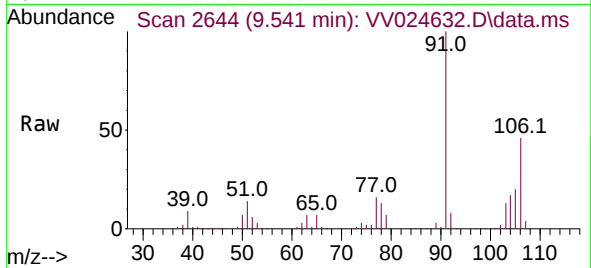




#54
o-xylene
Concen: 5.599 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

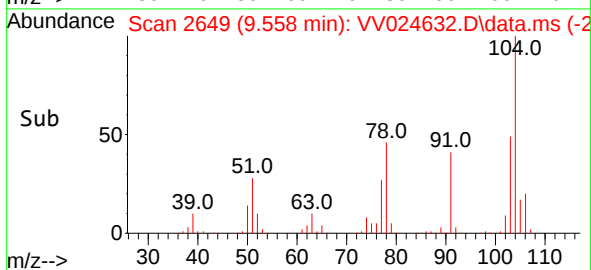
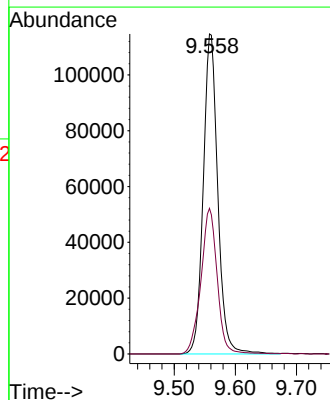
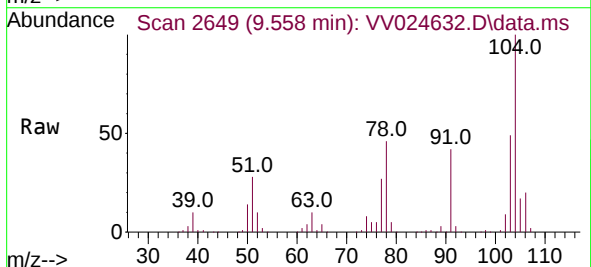
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MSD

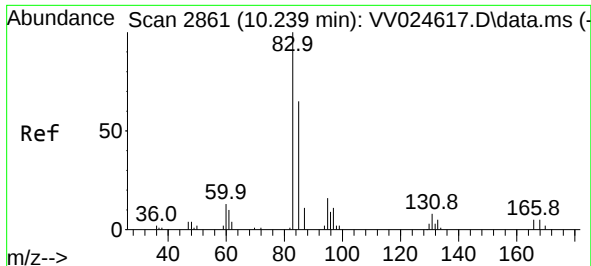
Tgt Ion:106 Resp: 114355
Ion Ratio Lower Upper
106 100
91 218.7 147.9 274.7



#55
Styrene
Concen: 5.636 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

Tgt Ion:104 Resp: 188964
Ion Ratio Lower Upper
104 100
78 45.5 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.899 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

Instrument :

MSVOA_V

ClientSampleId :

GBCW9MSD

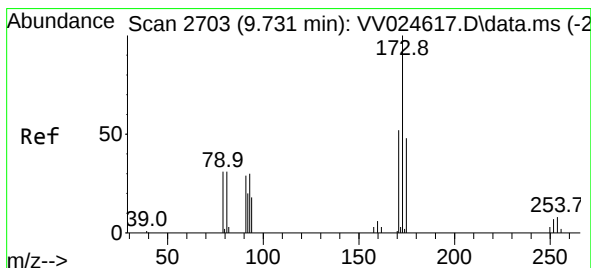
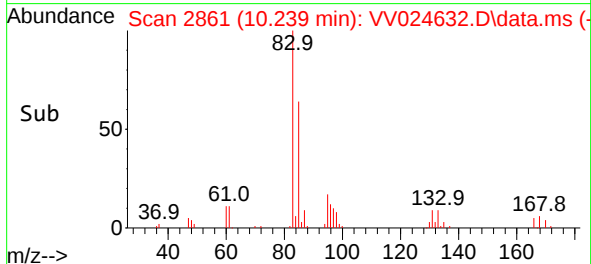
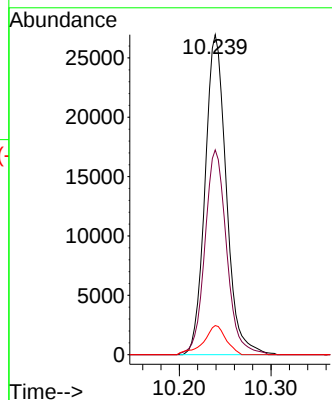
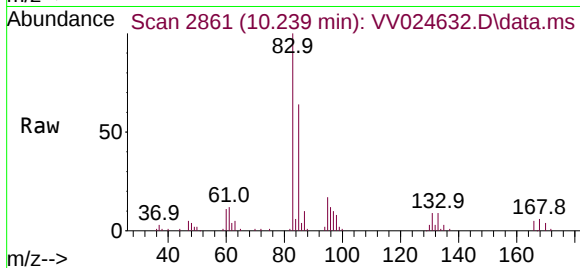
Tgt Ion: 83 Resp: 43296

Ion Ratio Lower Upper

83 100

85 64.0 44.6 82.8

131 9.1 8.3 12.5



#59

Bromoform

Concen: 5.186 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

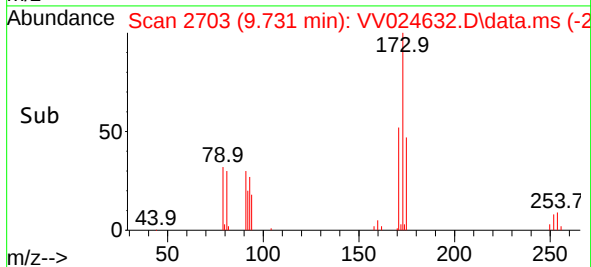
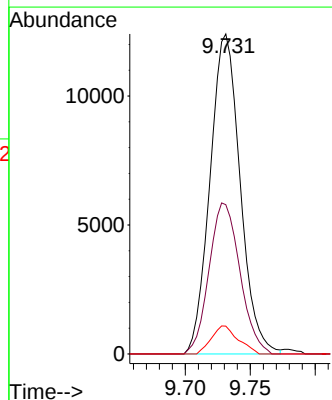
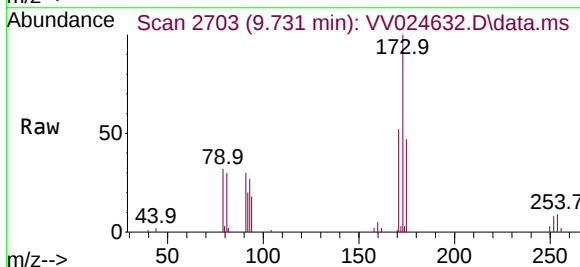
Tgt Ion: 173 Resp: 19987

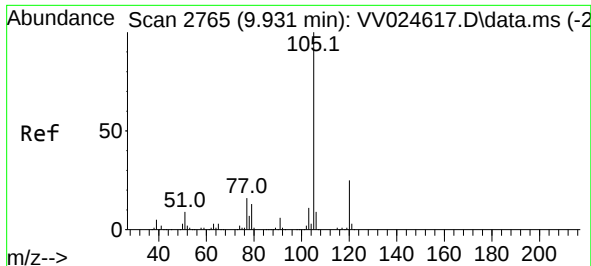
Ion Ratio Lower Upper

173 100

175 48.4 39.4 59.2

254 7.7 7.4 11.0

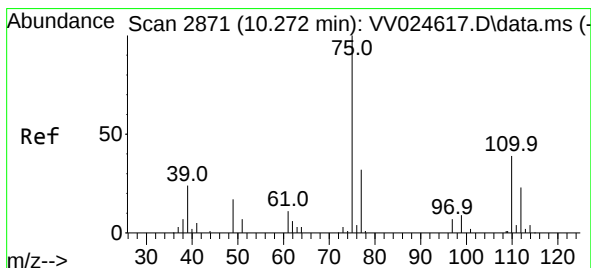
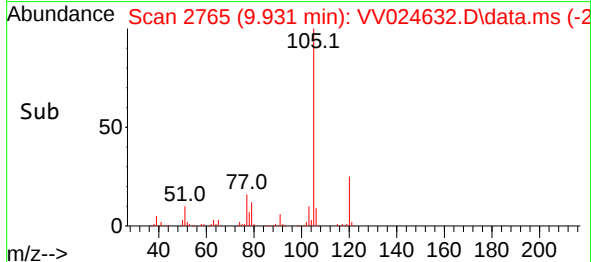
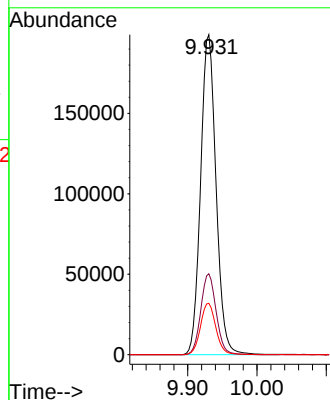
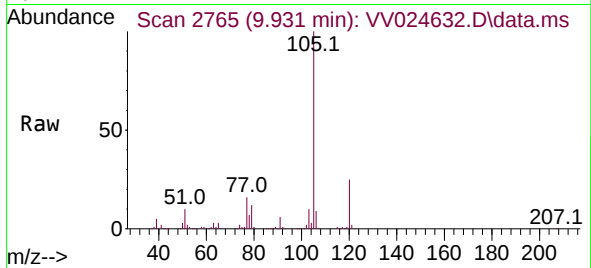




#60
Isopropylbenzene
Concen: 5.629 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

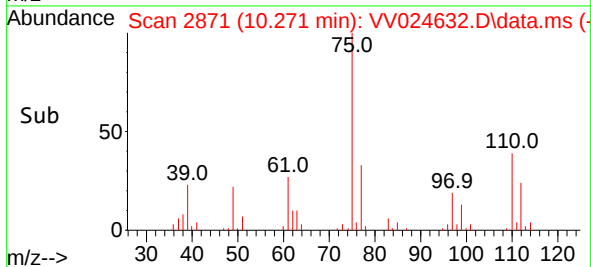
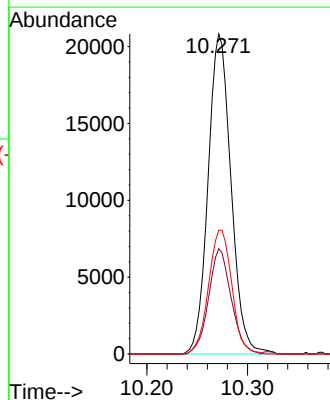
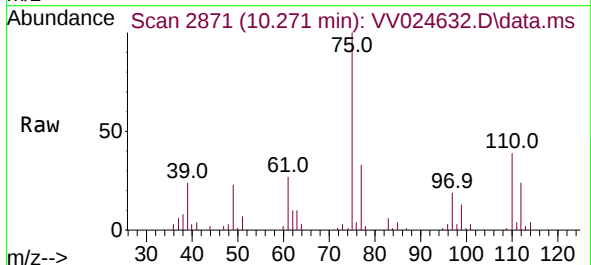
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MSD

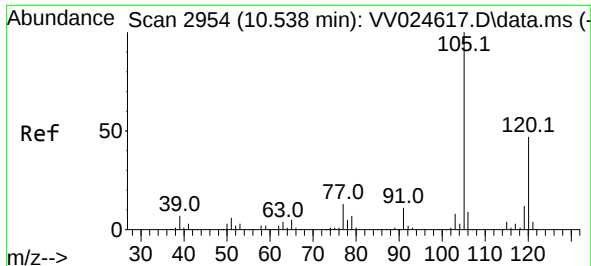
Tgt Ion:105 Resp: 307918
Ion Ratio Lower Upper
105 100
120 25.1 21.4 32.0
77 16.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.548 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

Tgt Ion: 75 Resp: 32988
Ion Ratio Lower Upper
75 100
77 32.3 26.4 39.6
110 39.3 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.511 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

Instrument :

MSVOA_V

ClientSampleId :

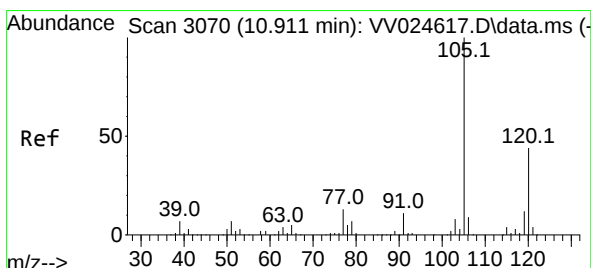
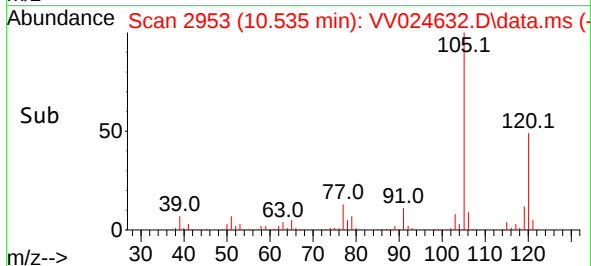
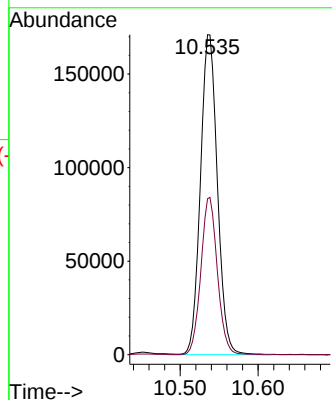
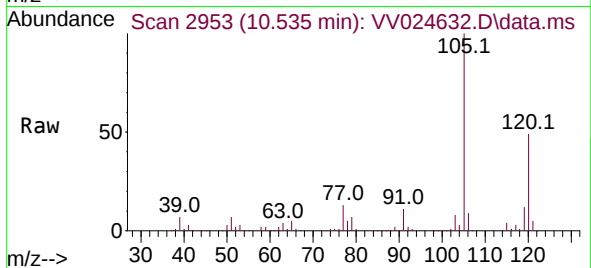
GBCW9MSD

Tgt Ion:105 Resp: 258171

Ion Ratio Lower Upper

105 100

120 47.8 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.561 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024632.D

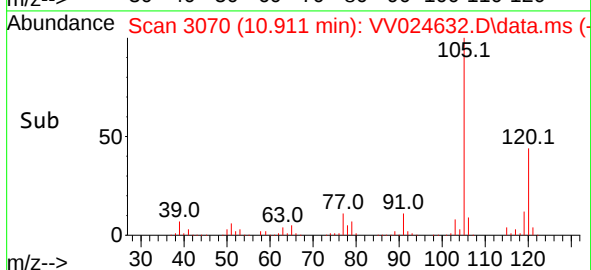
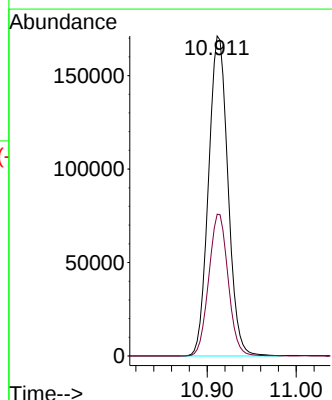
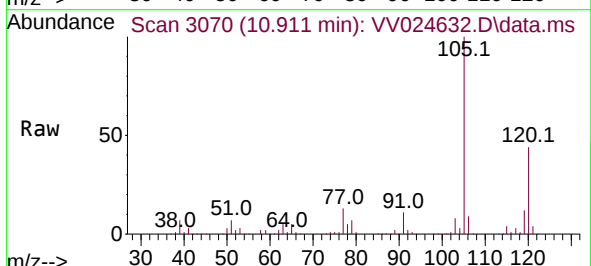
Acq: 12 Feb 2022 03:15

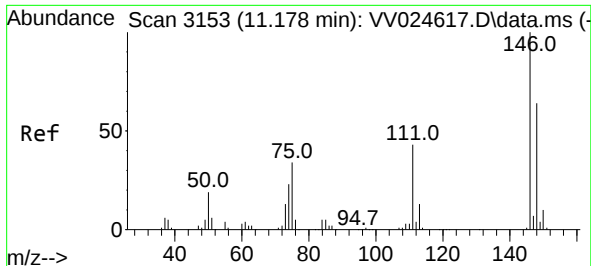
Tgt Ion:105 Resp: 258947

Ion Ratio Lower Upper

105 100

120 44.2 36.7 55.1

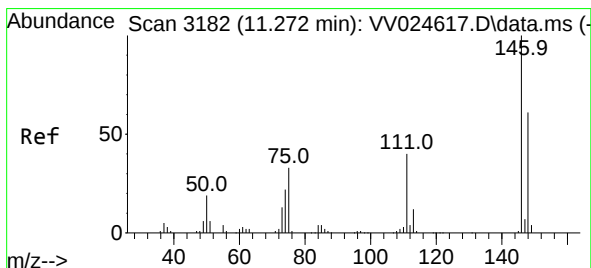
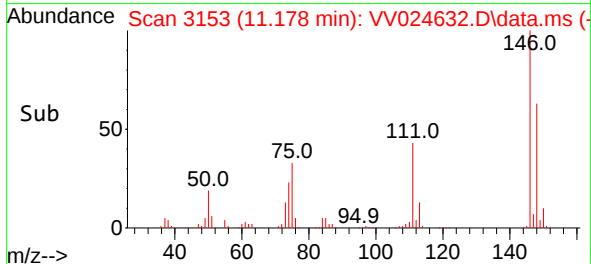
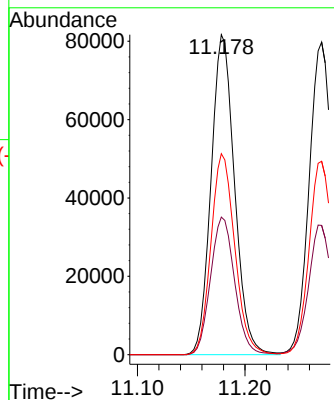
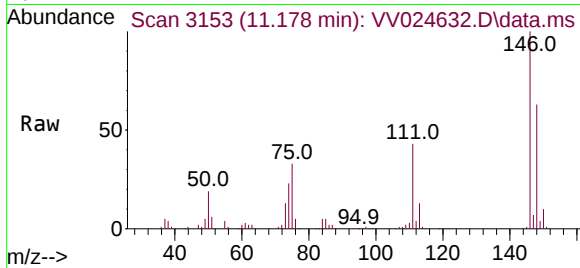




#64
1,3-Dichlorobenzene
Concen: 5.566 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

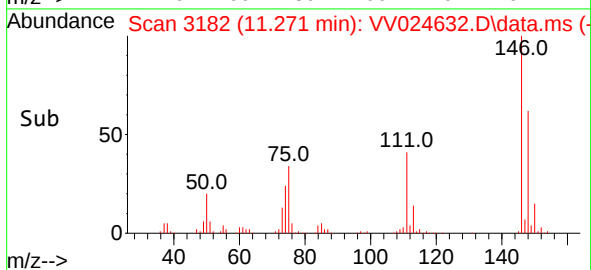
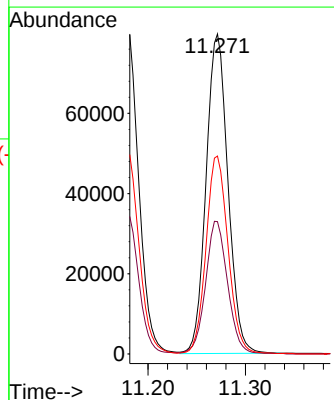
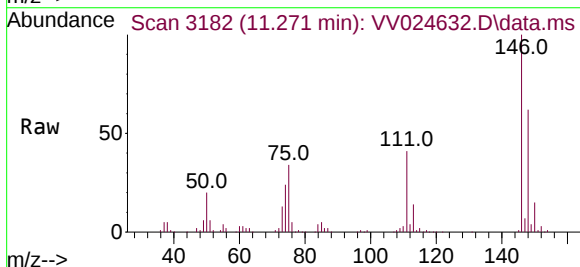
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MSD

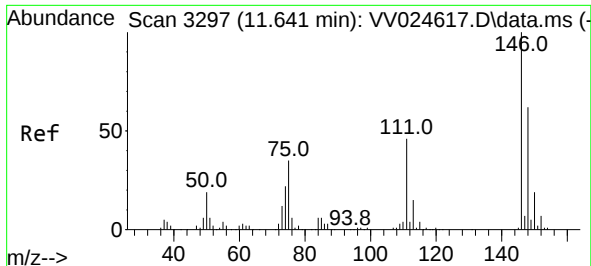
Tgt Ion:146 Resp: 123948
Ion Ratio Lower Upper
146 100
111 43.0 26.3 48.9
148 62.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.610 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

Tgt Ion:146 Resp: 124069
Ion Ratio Lower Upper
146 100
111 41.4 25.6 47.6
148 61.9 44.8 83.2

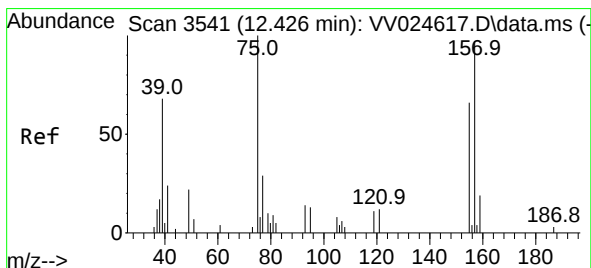
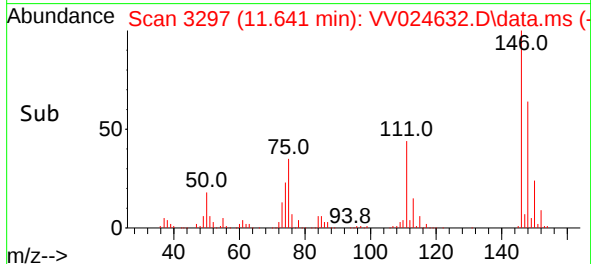
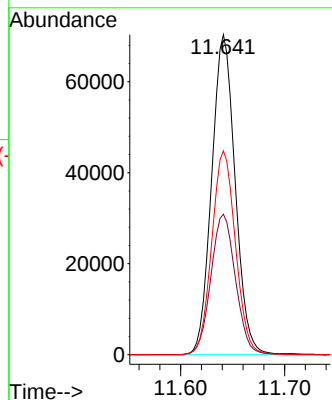
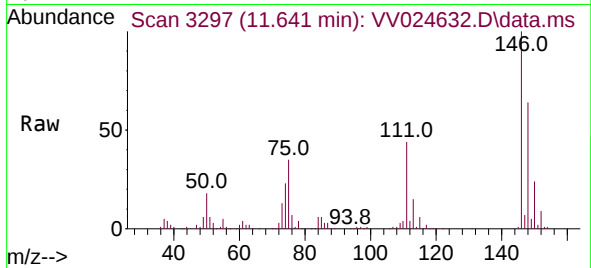




#67
1,2-Dichlorobenzene
Concen: 5.587 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

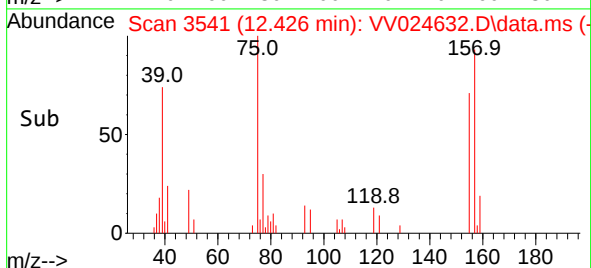
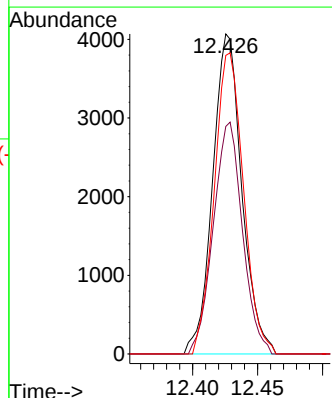
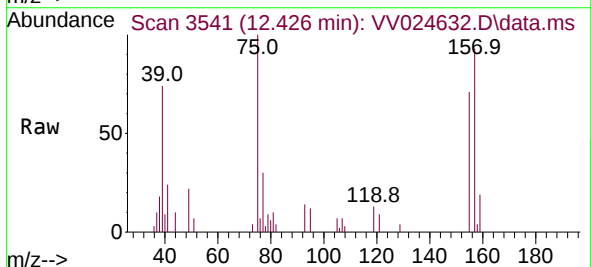
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MSD

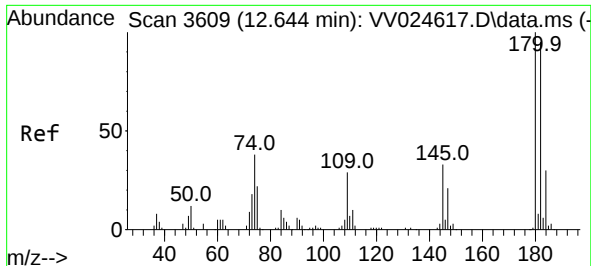
Tgt Ion:146 Resp: 110435
Ion Ratio Lower Upper
146 100
111 43.9 31.9 47.9
148 63.7 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.500 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

Tgt Ion: 75 Resp: 6352
Ion Ratio Lower Upper
75 100
155 71.1 71.7 107.5#
157 93.3 103.3 154.9#





#69

1,3,5-Trichlorobenzene

Concen: 5.281 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV024632.D

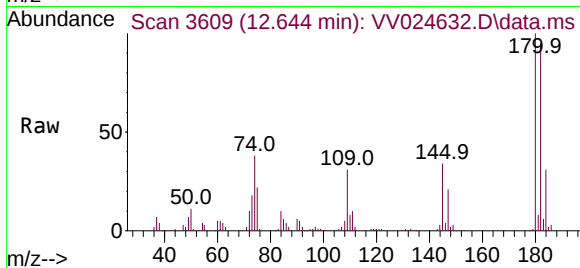
Acq: 12 Feb 2022 03:15

Instrument :

MSVOA_V

ClientSampleId :

GBCW9MSD



Tgt Ion:180 Resp: 83654

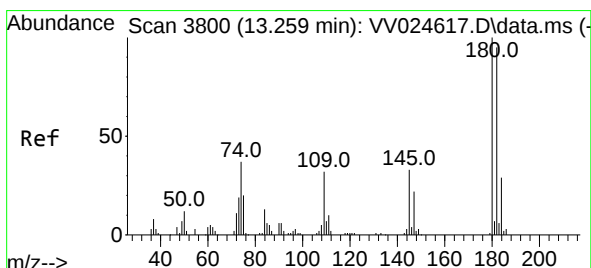
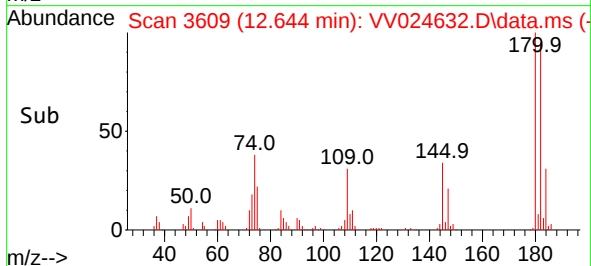
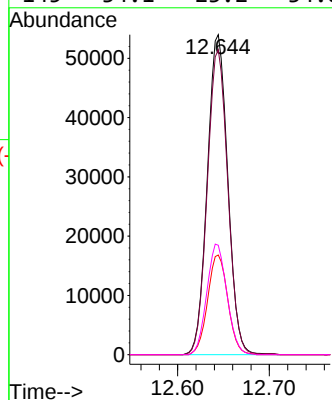
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

184 30.8 24.2 36.4

145 34.1 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.388 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV024632.D

Acq: 12 Feb 2022 03:15

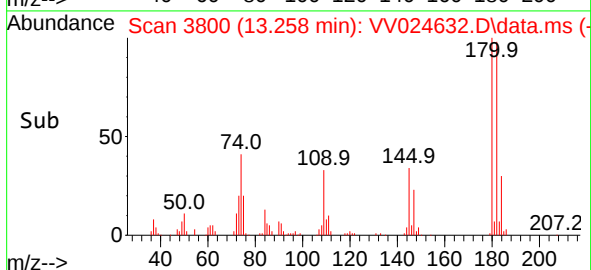
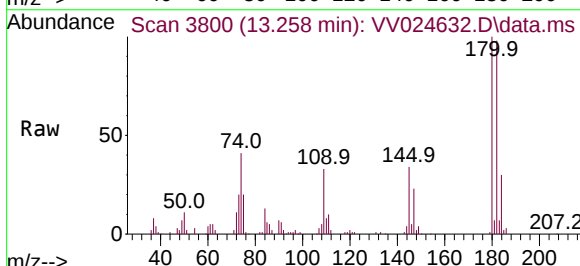
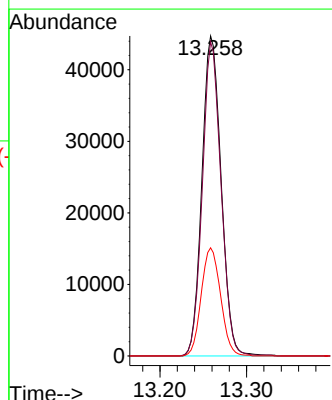
Tgt Ion:180 Resp: 68921

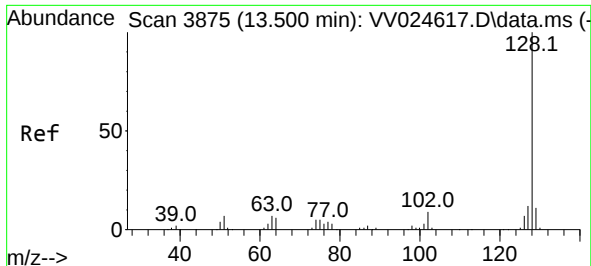
Ion Ratio Lower Upper

180 100

182 95.1 74.4 111.6

145 34.0 23.3 34.9

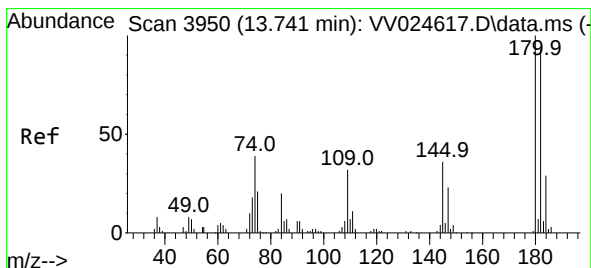
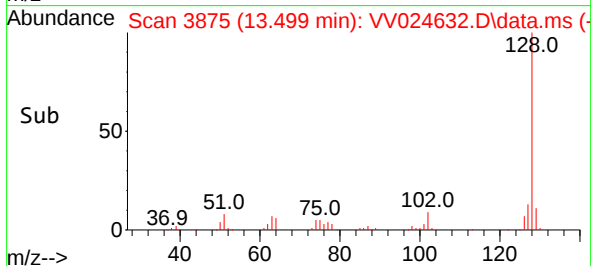
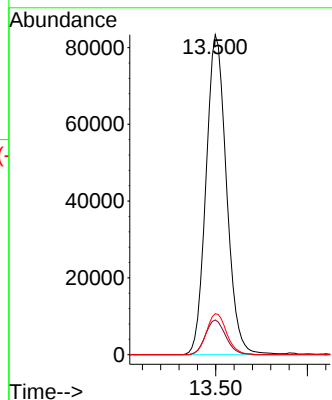
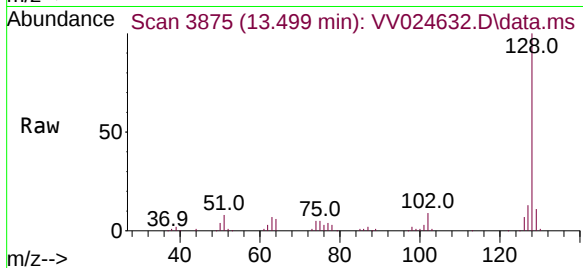




#71
Naphthalene
Concen: 5.567 ug/L
RT: 13.499 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

Instrument :
MSVOA_V
ClientSampleId :
GBCW9MSD

Tgt Ion:128 Resp: 128998
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.494 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024632.D
Acq: 12 Feb 2022 03:15

Tgt Ion:180 Resp: 59114
Ion Ratio Lower Upper
180 100
182 94.0 76.8 115.2
145 34.3 25.8 38.6

