

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049879.D
 Acq On : 25 Jul 2022 20:09
 Operator : SY/MD
 Sample : N3879-04MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUF3MSD

Quant Time: Jul 26 05:37:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 05:33:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84403	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	41343	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	33754	4.650	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.909	69	28018	4.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.565	65	14481	4.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.633	46	139500	53.408	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.820%
24) Chloroform-d	5.064	84	80866	5.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.703	65	45748	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.729	84	142483	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.694	67	50180	5.050	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.900	98	123774	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.182	79	16996	4.711	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.636	63	78814	55.135	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.260%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44492	5.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	43312	5.076	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	52321	5.527	ug/L	100
3) Chloromethane	1.520	50	52107	4.474	ug/L	99
5) Vinyl chloride	1.601	62	49139	5.046	ug/L	98
6) Bromomethane	1.855	94	20986	3.985	ug/L	94
8) Chloroethane	1.932	64	26099	4.651	ug/L	97
9) Trichlorofluoromethane	2.134	101	63073	5.268	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	33820	5.776	ug/L	96
12) 1,1-Dichloroethene	2.578	96	29135	4.917	ug/L	91
13) Acetone	2.642	43	70044	44.584	ug/L	96
14) Carbon disulfide	2.790	76	88128	4.808	ug/L	99
15) Methyl Acetate	2.958	43	13730	3.505	ug/L	99
16) Methylene chloride	3.044	84	36931	2.763	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	83939	4.373	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	31636	4.619	ug/L	94
19) 1,1-Dichloroethane	3.871	63	69423	4.690	ug/L	99
21) 2-Butanone	4.713	43	120831	45.348	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	259325	32.692	ug/L	96
23) Bromochloromethane	4.977	128	17613	4.971	ug/L	96
25) Chloroform	5.089	83	69516	4.427	ug/L	96

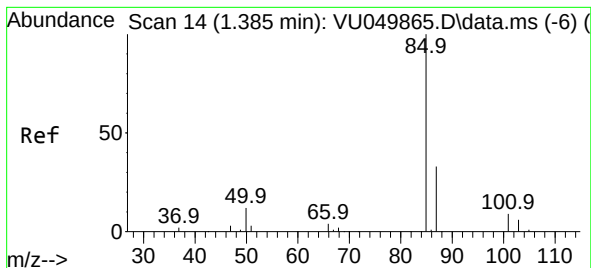
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	47967	4.447	ug/L	97
29) 1,1,1-Trichloroethane	5.318	97	60179	5.079	ug/L	98
30) Cyclohexane	5.392	56	54857	5.718	ug/L	100
31) Carbon tetrachloride	5.527	117	50104	5.208	ug/L	96
33) Benzene	5.774	78	148747	4.857	ug/L	100
34) Trichloroethene	6.543	95	61454	8.276	ug/L	98
35) Methylcyclohexane	6.765	83	50457	5.509	ug/L	99
37) 1,2-Dichloropropane	6.793	63	40175	4.602	ug/L	100
38) Bromodichloromethane	7.105	83	49714	4.559	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	51182	4.449	ug/L	93
40) 4-Methyl-2-pentanone	7.793	43	279528	45.910	ug/L	100
42) Toluene	7.970	91	148887	4.860	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	44325	4.463	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	28105	4.512	ug/L	98
47) Tetrachloroethene	8.552	164	27023	5.286	ug/L	99
48) 2-Hexanone	8.687	43	215304	47.379	ug/L	98
49) Dibromochloromethane	8.809	129	31653	4.546	ug/L	88
50) 1,2-Dibromoethane	8.925	107	25949	4.690	ug/L	97
51) Chlorobenzene	9.446	112	91847	4.723	ug/L	99
52) Ethylbenzene	9.571	91	149271	4.739	ug/L	98
53) m,p-Xylene	9.694	106	55045	4.751	ug/L	99
54) o-Xylene	10.099	106	55382	4.837	ug/L	95
55) Styrene	10.115	104	90417	4.662	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	37744	4.690	ug/L	98
59) Bromoform	10.292	173	18841	5.236	ug/L	97
60) Isopropylbenzene	10.485	105	146380	5.352	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	27015	4.904	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	115018	4.977	ug/L	99
63) 1,2,4-Trimethylbenzene	11.469	105	112550	5.018	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	65706	4.859	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	62027	4.636	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	64734	4.846	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	5930	4.812	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	47219	4.730	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	37404	4.462	ug/L	98
71) Naphthalene	14.086	128	72309	4.425	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	38272	4.750	ug/L	99

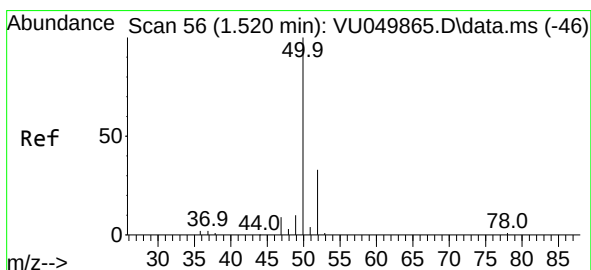
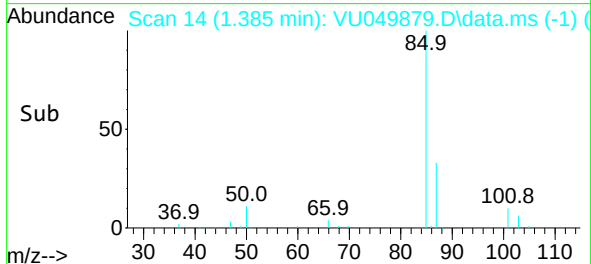
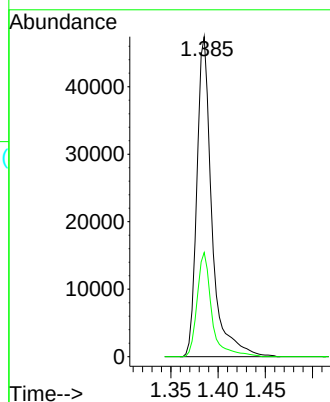
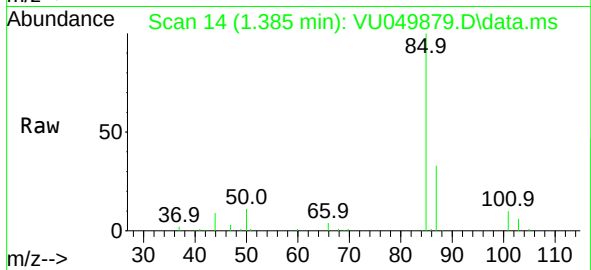
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.527 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

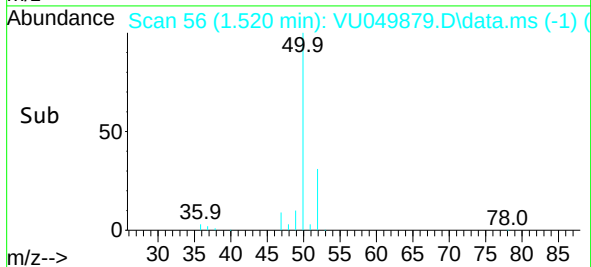
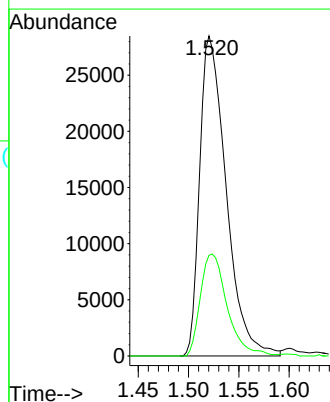
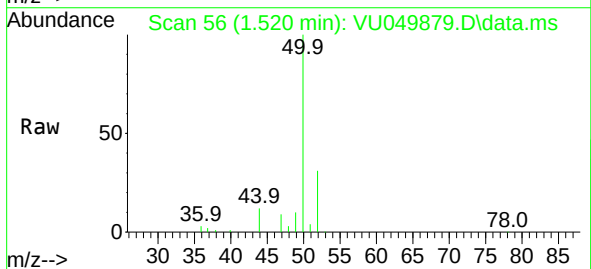
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MSD

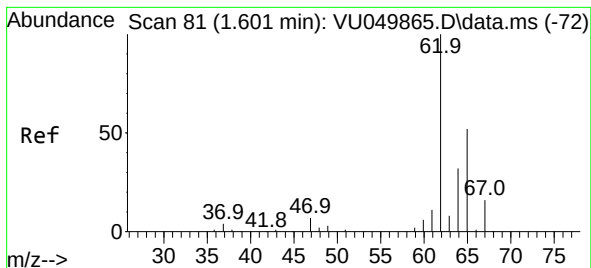
Tgt Ion: 85 Resp: 52321
Ion Ratio Lower Upper
85 100
87 31.9 25.4 38.2



#3
Chloromethane
Concen: 4.474 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

Tgt Ion: 50 Resp: 52107
Ion Ratio Lower Upper
50 100
52 31.5 22.5 41.7

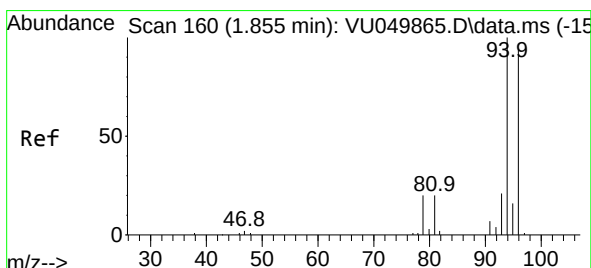
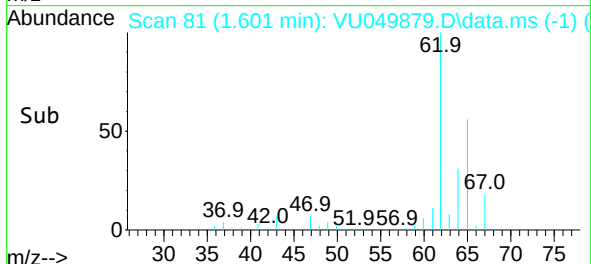
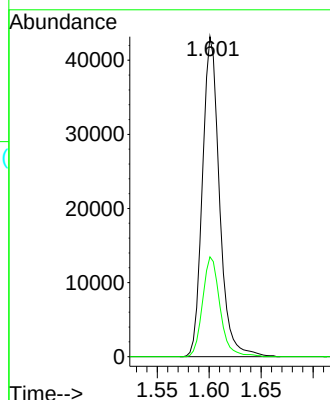
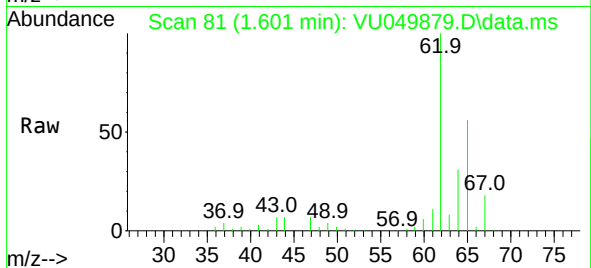




#5
 Vinyl chloride
 Concen: 5.046 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049879.D
 Acq: 25 Jul 2022 20:09

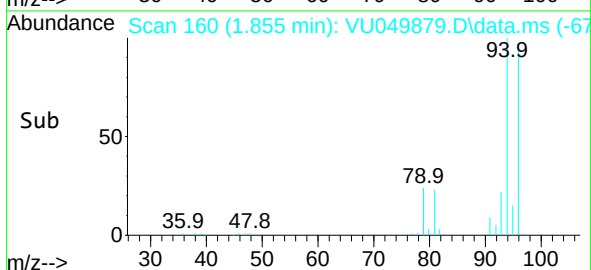
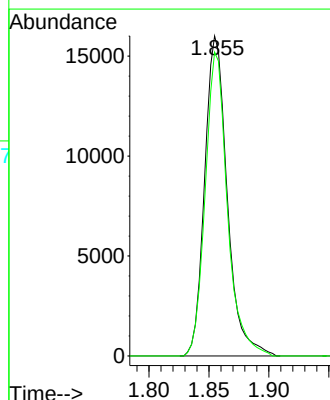
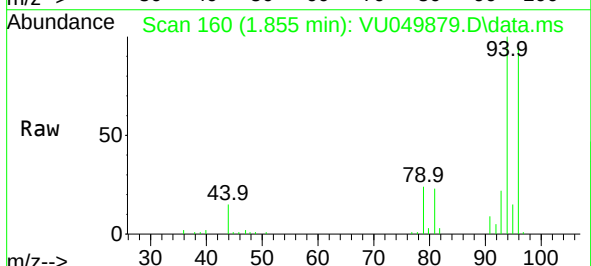
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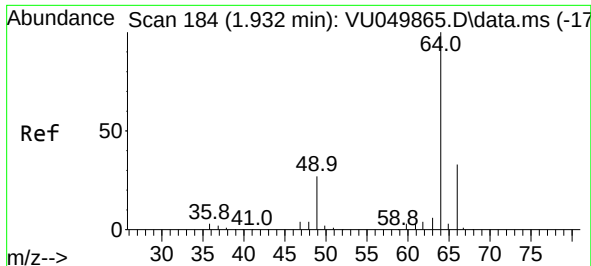
Tgt Ion: 62 Resp: 49139
 Ion Ratio Lower Upper
 62 100
 64 31.2 22.7 42.3



#6
 Bromomethane
 Concen: 3.985 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU049879.D
 Acq: 25 Jul 2022 20:09

Tgt Ion: 94 Resp: 20986
 Ion Ratio Lower Upper
 94 100
 96 95.0 62.6 116.3

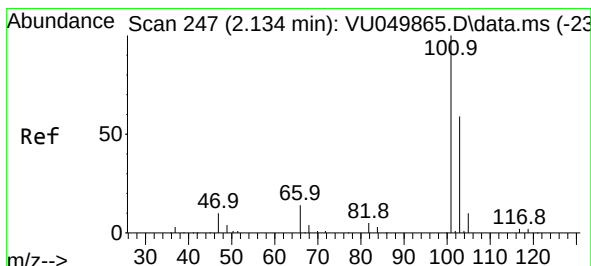
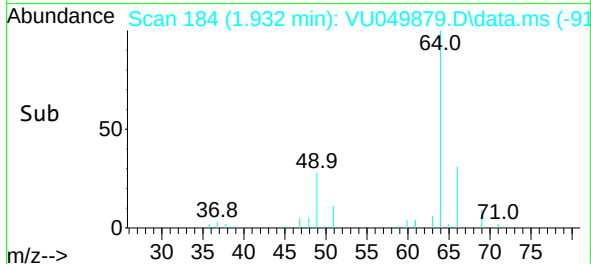
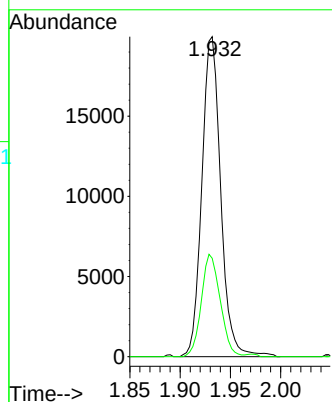
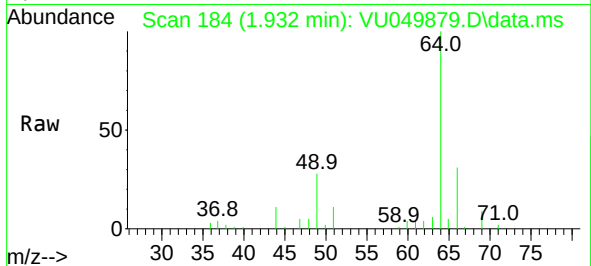




#8
Chloroethane
Concen: 4.651 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

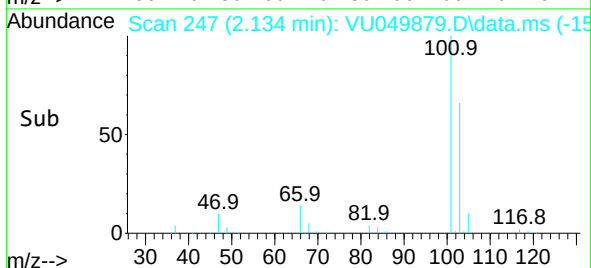
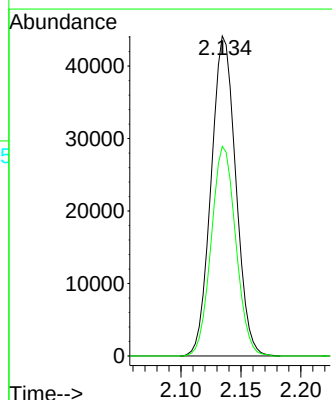
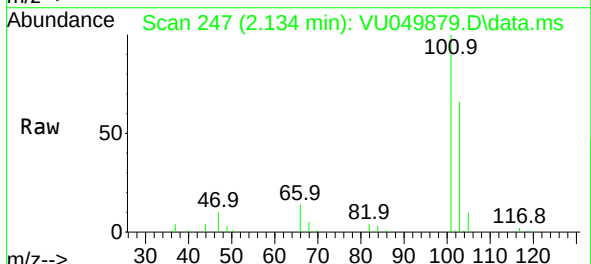
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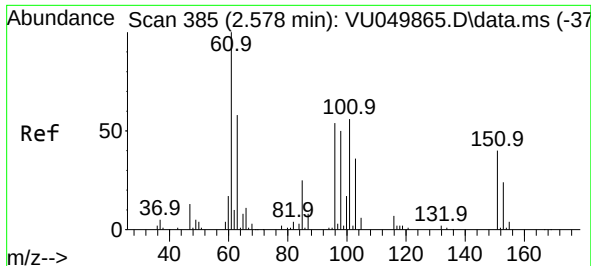
Tgt Ion: 64 Resp: 26099
Ion Ratio Lower Upper
64 100
66 30.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 5.268 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

Tgt Ion: 101 Resp: 63073
Ion Ratio Lower Upper
101 100
103 65.3 50.8 76.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.776 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

DBUF3MSD

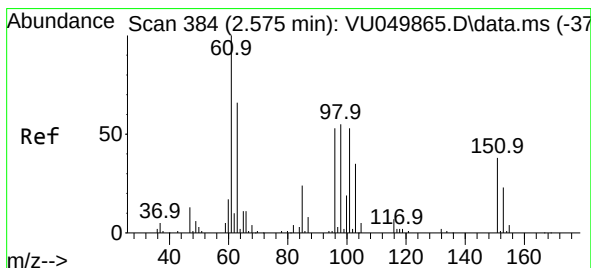
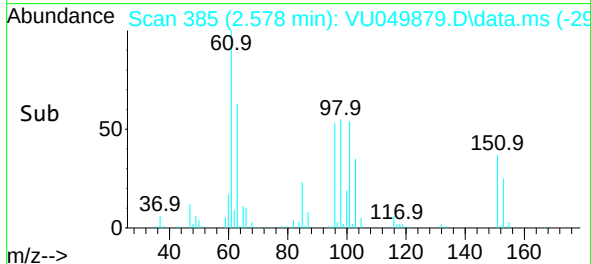
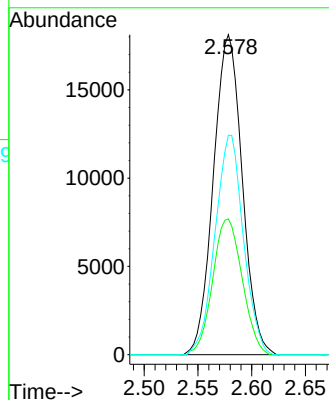
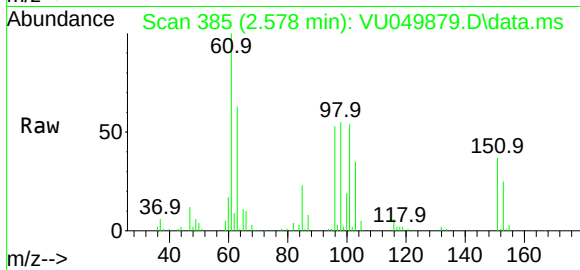
Tgt Ion:101 Resp: 33820

Ion Ratio Lower Upper

101 100

85 43.4 37.2 55.8

151 67.4 56.0 84.0



#12

1,1-Dichloroethene

Concen: 4.917 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

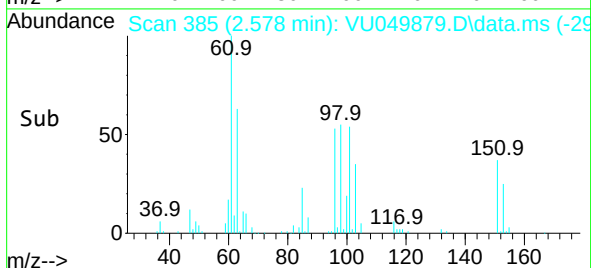
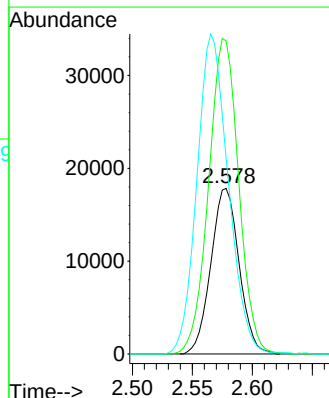
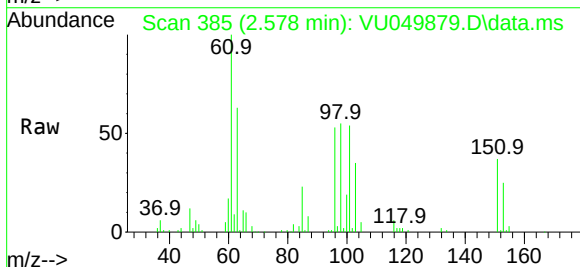
Tgt Ion: 96 Resp: 29135

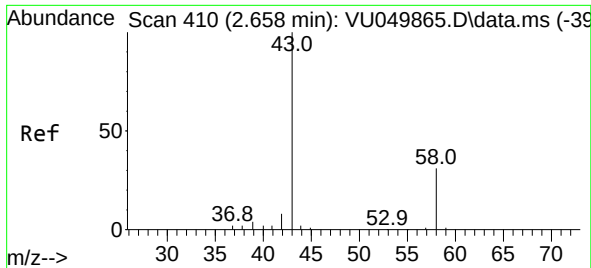
Ion Ratio Lower Upper

96 100

61 189.1 131.6 244.4

63 118.3 100.0 185.6





#13

Acetone

Concen: 44.584 ug/L

RT: 2.642 min Scan# 405

Delta R.T. -0.016 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

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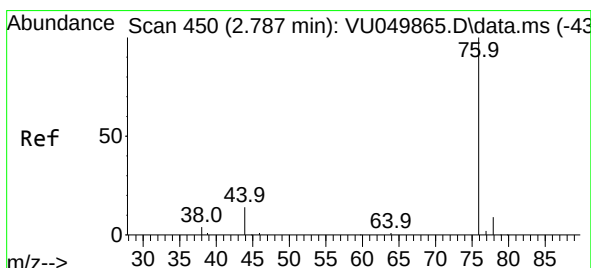
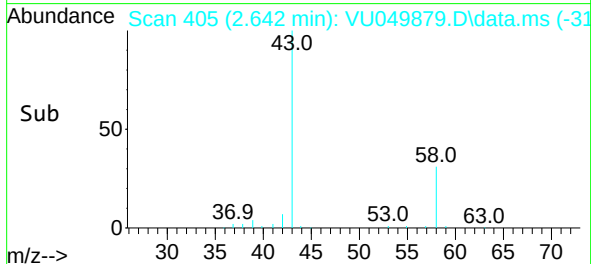
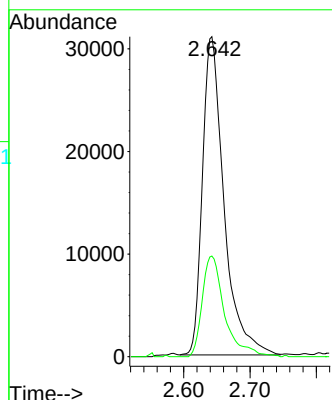
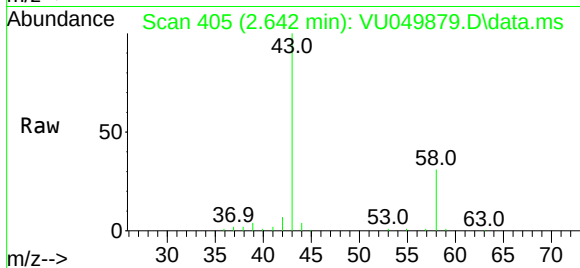
DBUF3MSD

Tgt Ion: 43 Resp: 70044

Ion Ratio Lower Upper

43 100

58 32.8 0.0 61.0



#14

Carbon disulfide

Concen: 4.808 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU049879.D

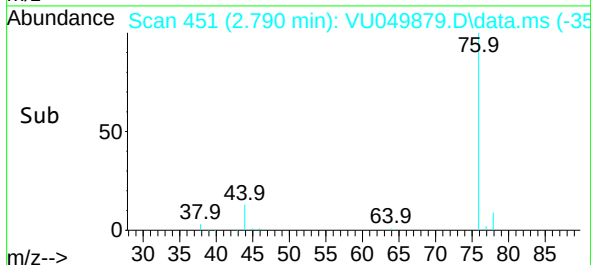
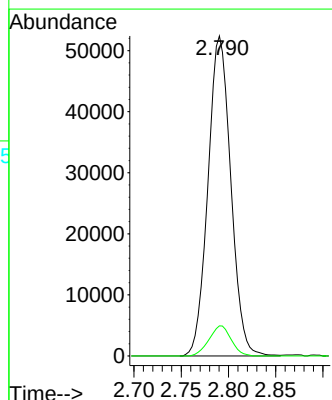
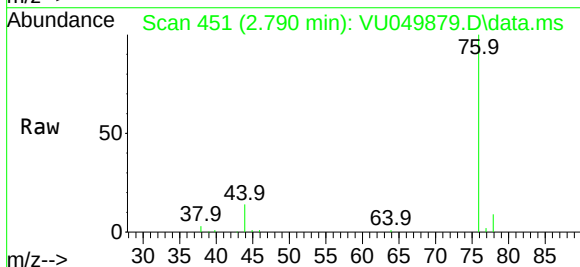
Acq: 25 Jul 2022 20:09

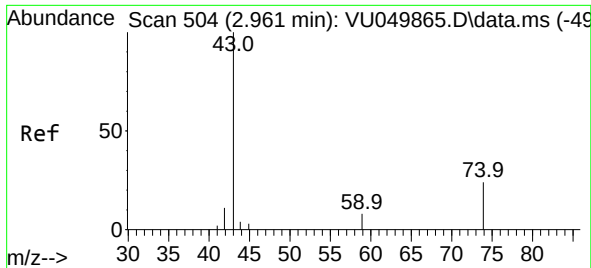
Tgt Ion: 76 Resp: 88128

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6

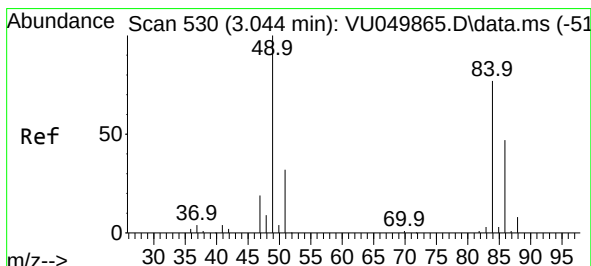
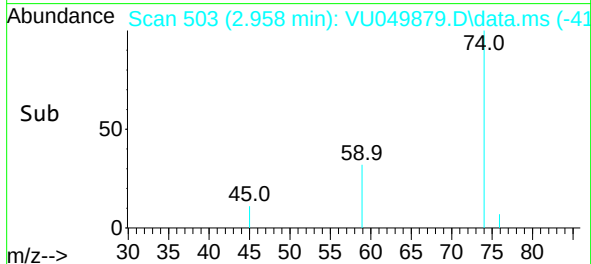
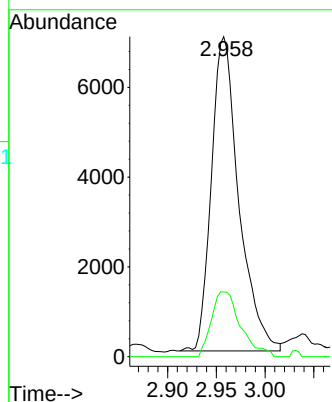
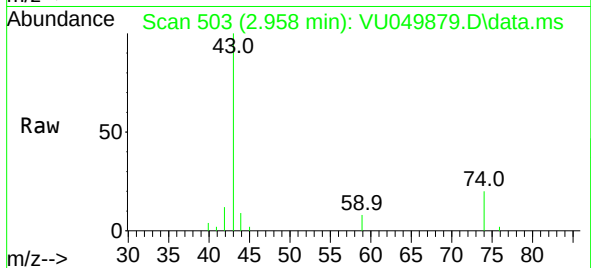




#15
Methyl Acetate
Concen: 3.505 ug/L
RT: 2.958 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

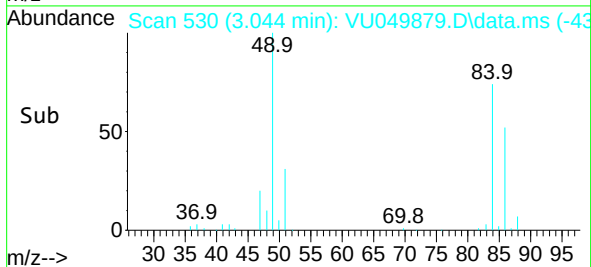
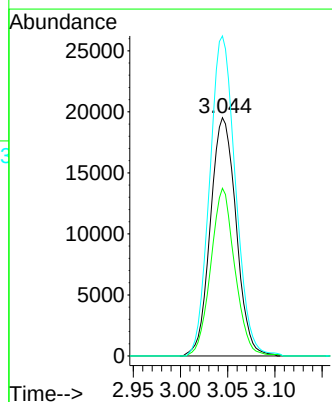
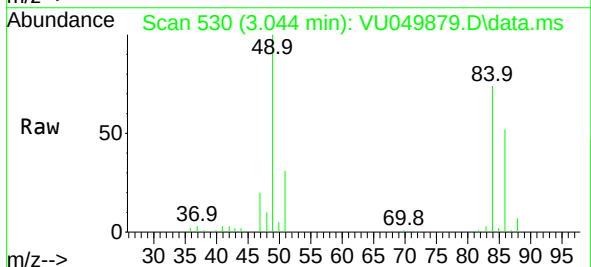
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MSD

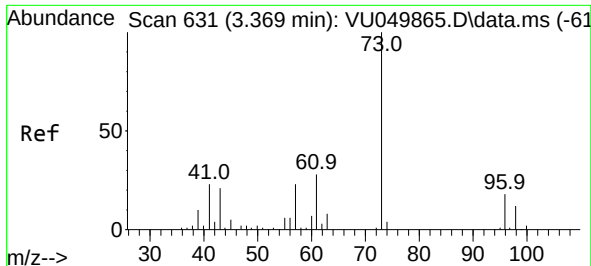
Tgt Ion: 43 Resp: 13730
Ion Ratio Lower Upper
43 100
74 21.9 17.1 25.7



#16
Methylene chloride
Concen: 2.763 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

Tgt Ion: 84 Resp: 36931
Ion Ratio Lower Upper
84 100
86 70.4 45.5 84.5
49 134.4 94.1 174.8





#17

Methyl tert-butyl Ether

Concen: 4.373 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

DBUF3MSD

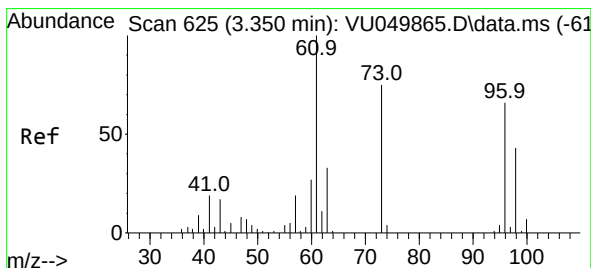
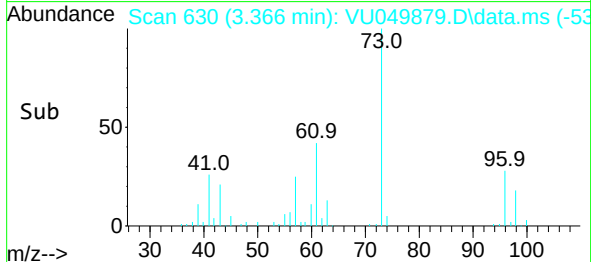
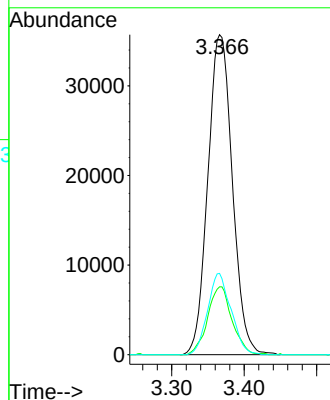
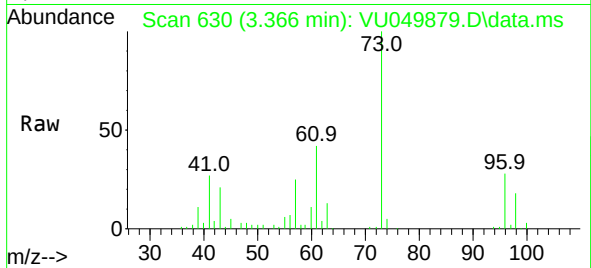
Tgt Ion: 73 Resp: 83939

Ion Ratio Lower Upper

73 100

43 21.1 17.4 26.2

57 24.2 18.7 28.1



#18

trans-1,2-Dichloroethene

Concen: 4.619 ug/L

RT: 3.350 min Scan# 625

Delta R.T. 0.000 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

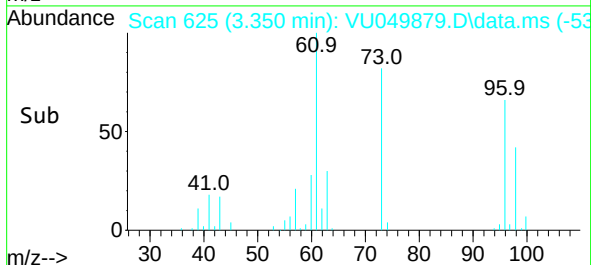
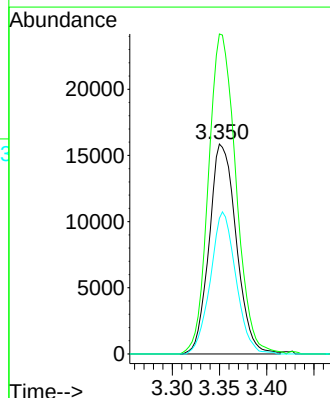
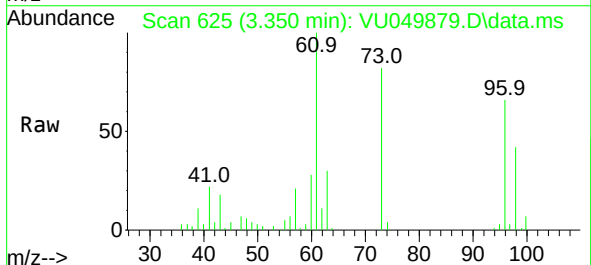
Tgt Ion: 96 Resp: 31636

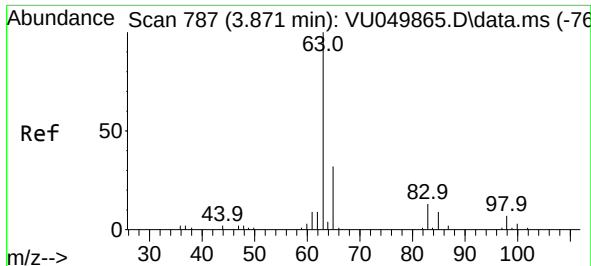
Ion Ratio Lower Upper

96 100

61 152.5 101.5 188.5

98 64.7 42.5 78.9

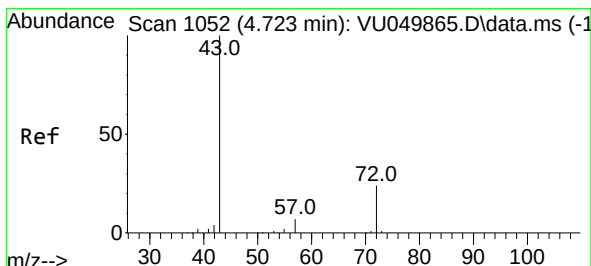
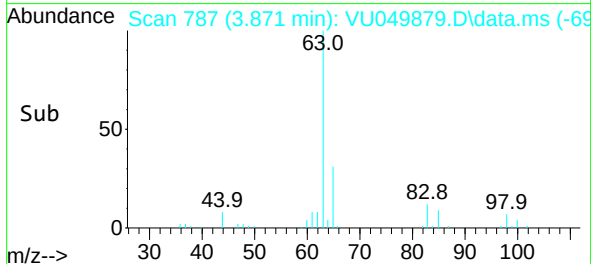
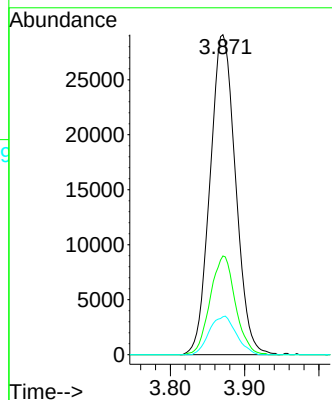
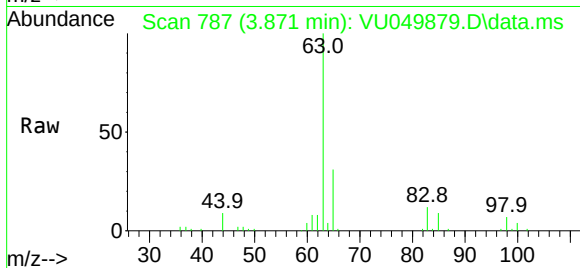




#19
 1,1-Dichloroethane
 Concen: 4.690 ug/L
 RT: 3.871 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VU049879.D
 Acq: 25 Jul 2022 20:09

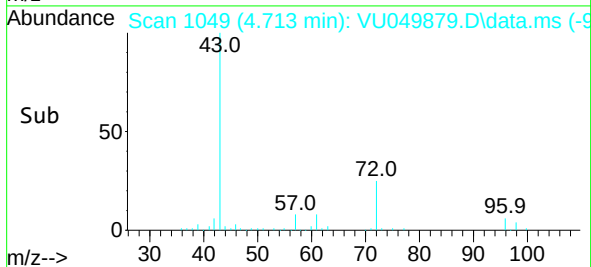
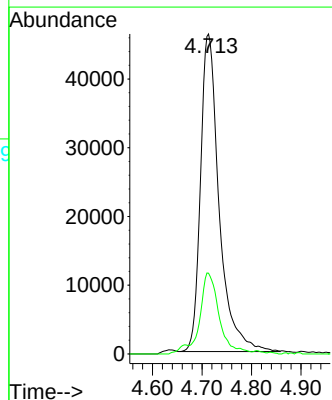
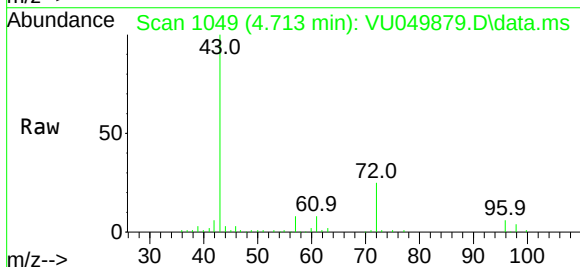
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUF3MSD

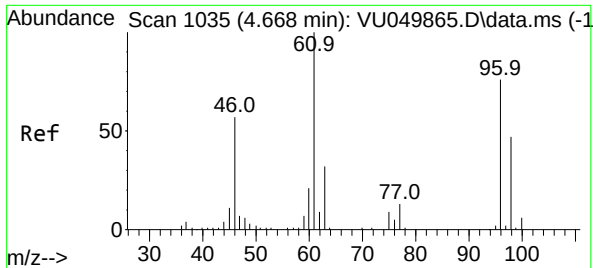
Tgt Ion:	63	Resp:	69423
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.5	41.9
83	11.9	8.3	15.5



#21
 2-Butanone
 Concen: 45.348 ug/L
 RT: 4.713 min Scan# 1049
 Delta R.T. -0.009 min
 Lab File: VU049879.D
 Acq: 25 Jul 2022 20:09

Tgt Ion:	43	Resp:	120831
Ion	Ratio	Lower	Upper
43	100		
72	22.1	11.9	35.5

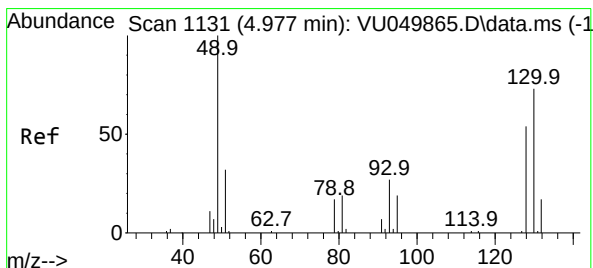
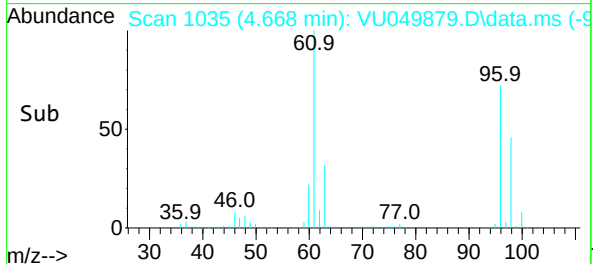
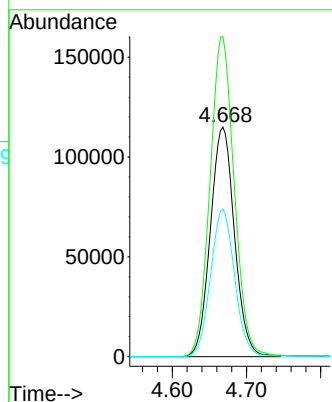
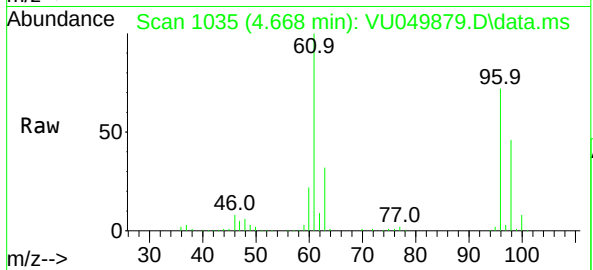




#22
cis-1,2-Dichloroethene
Concen: 32.692 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

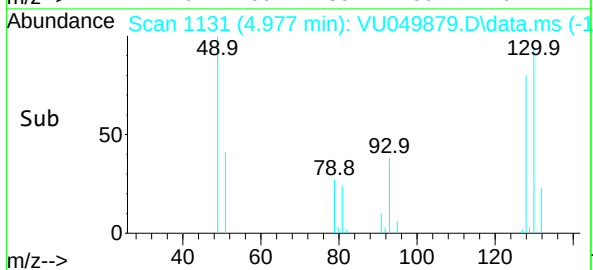
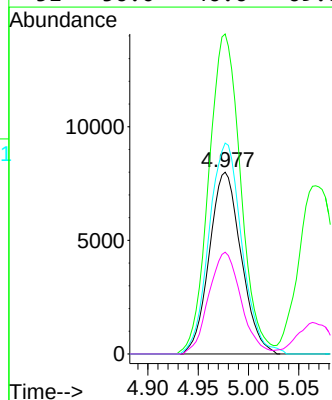
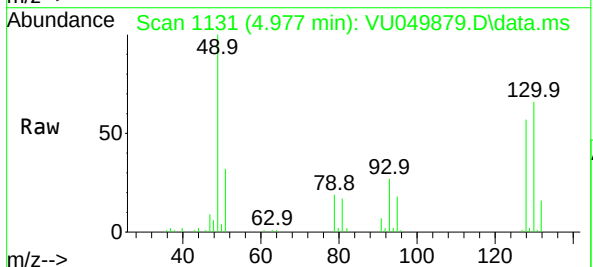
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MSD

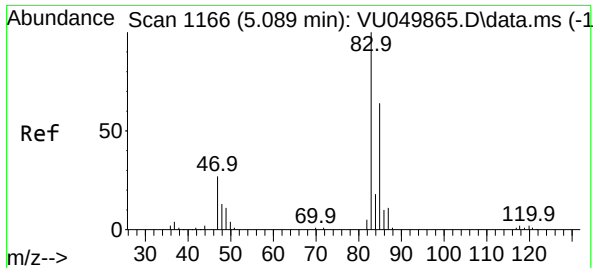
Tgt Ion: 96 Resp: 259325
Ion Ratio Lower Upper
96 100
61 139.3 93.9 174.3
98 64.3 43.9 81.5



#23
Bromochloromethane
Concen: 4.971 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

Tgt Ion:128 Resp: 17613
Ion Ratio Lower Upper
128 100
49 176.1 124.9 232.1
130 116.0 88.5 164.3
51 56.0 46.6 69.8

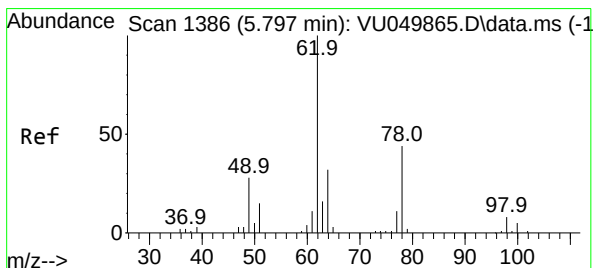
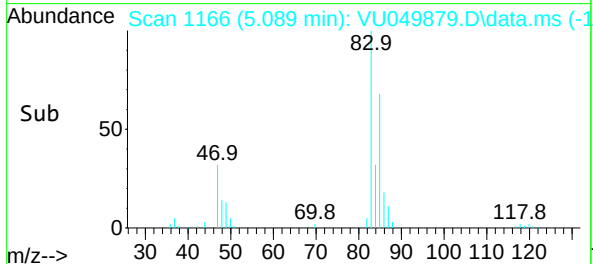
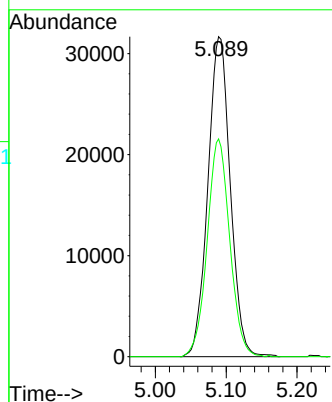
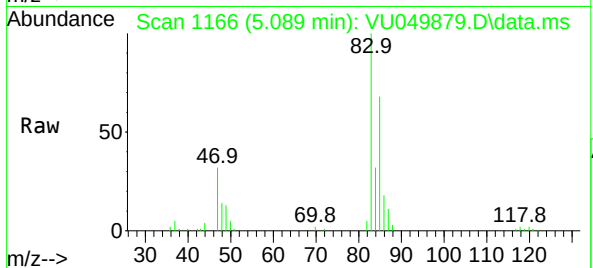




#25
Chloroform
Concen: 4.427 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

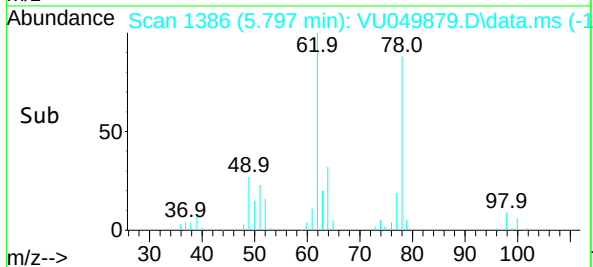
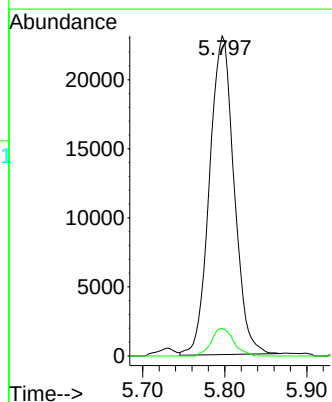
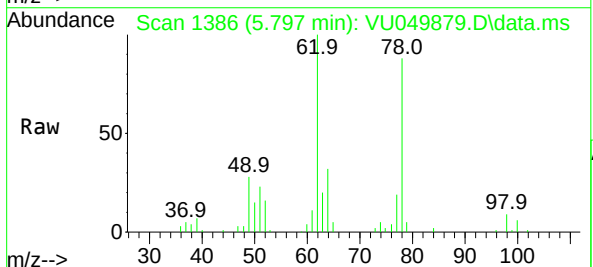
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MSD

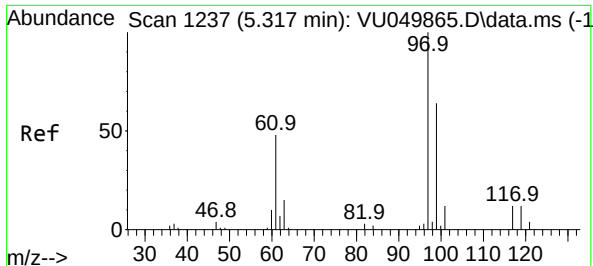
Tgt Ion: 83 Resp: 69516
Ion Ratio Lower Upper
83 100
85 68.1 45.5 84.5



#27
1,2-Dichloroethane
Concen: 4.447 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

Tgt Ion: 62 Resp: 47967
Ion Ratio Lower Upper
62 100
98 8.6 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 5.079 ug/L

RT: 5.318 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

DBUF3MSD

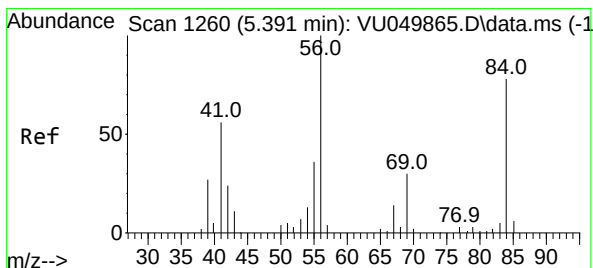
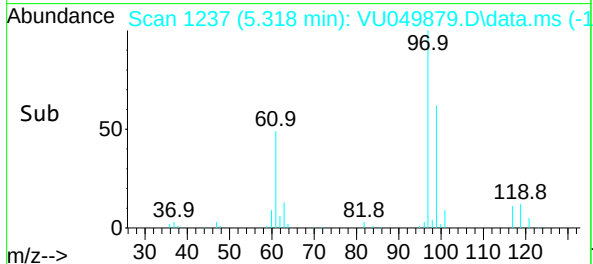
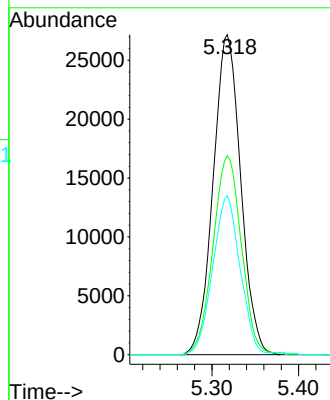
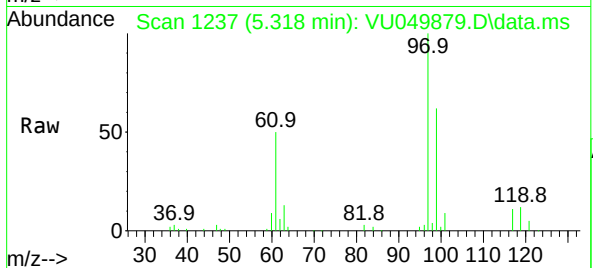
Tgt Ion: 97 Resp: 60179

Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.8

61 49.5 38.3 57.5



#30

Cyclohexane

Concen: 5.718 ug/L

RT: 5.392 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

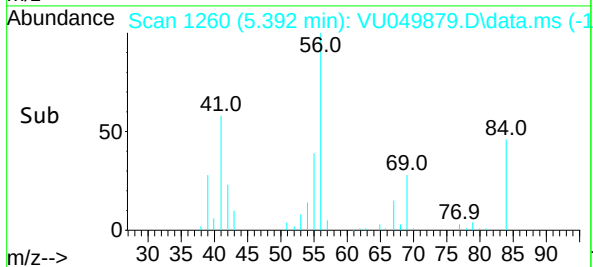
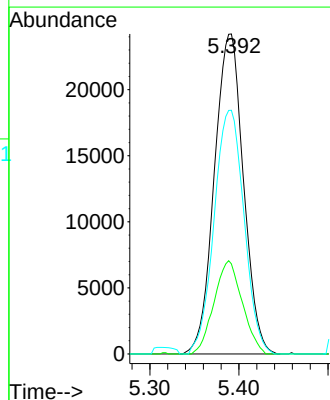
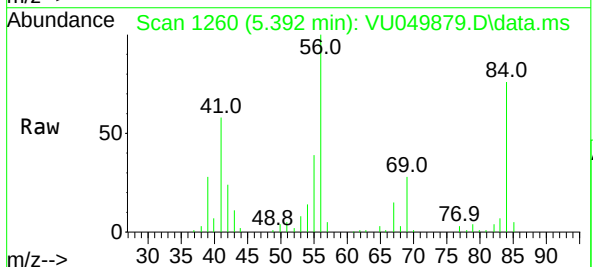
Tgt Ion: 56 Resp: 54857

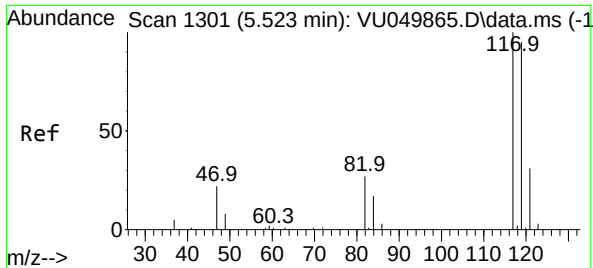
Ion Ratio Lower Upper

56 100

69 28.3 22.8 34.2

84 78.5 63.0 94.6

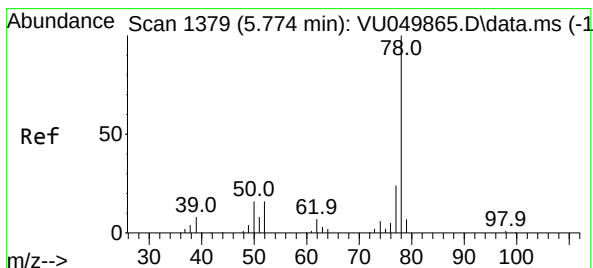
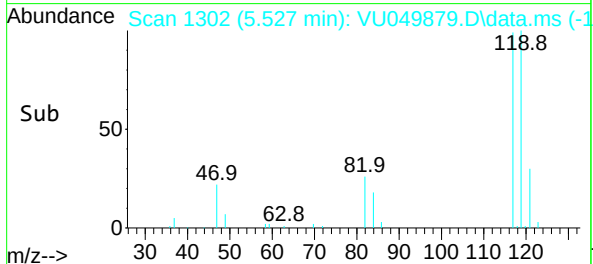
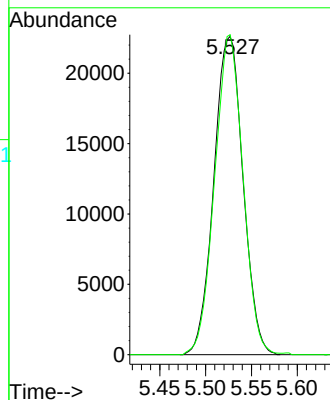
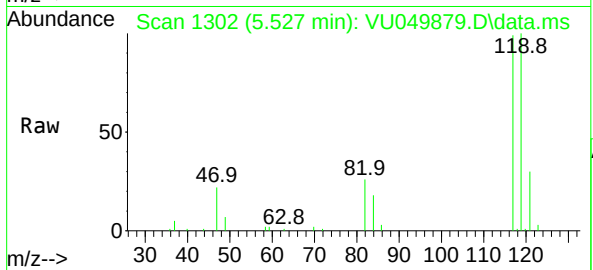




#31
Carbon tetrachloride
Concen: 5.208 ug/L
RT: 5.527 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

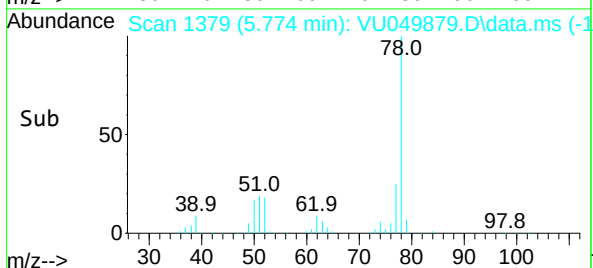
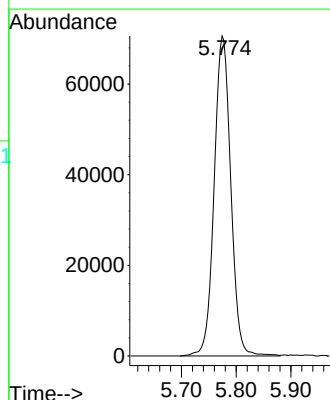
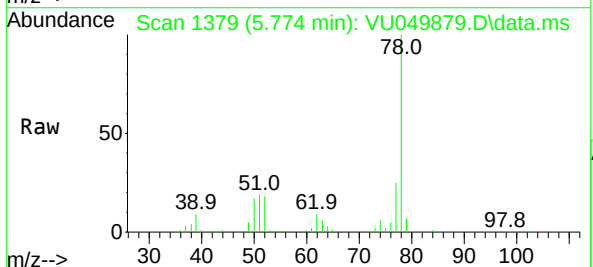
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MSD

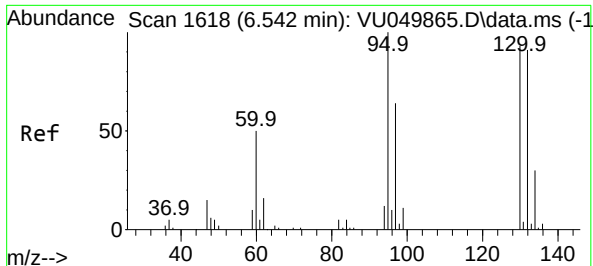
Tgt Ion:117 Resp: 50104
Ion Ratio Lower Upper
117 100
119 97.6 75.2 112.8



#33
Benzene
Concen: 4.857 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

Tgt Ion: 78 Resp: 148747



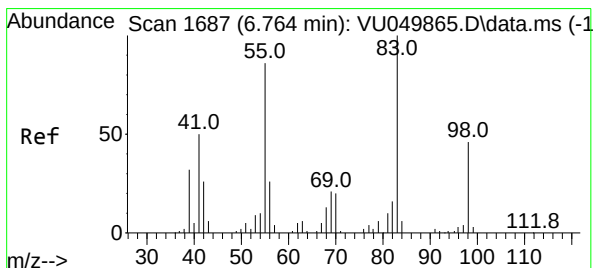
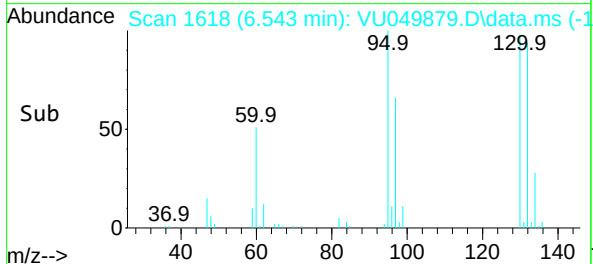
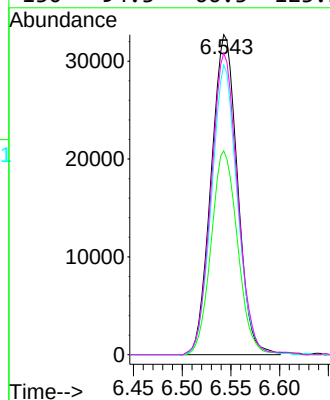
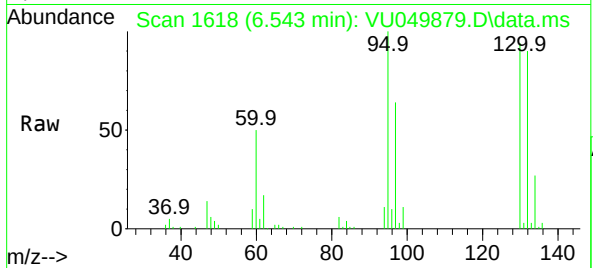


#34
Trichloroethene
Concen: 8.276 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

Instrument :
MSVOA_U
ClientSampleId :
DBUF3MSD

Tgt Ion: 95 Resp: 61454

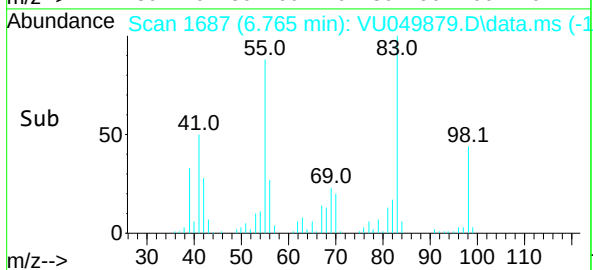
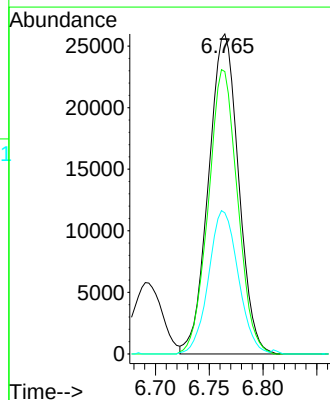
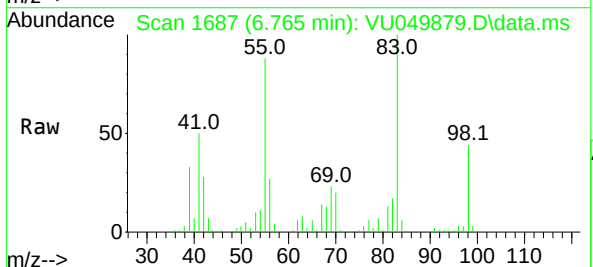
Ion	Ratio	Lower	Upper
95	100		
97	63.7	46.8	86.8
132	90.5	61.8	114.8
130	94.3	66.3	123.1

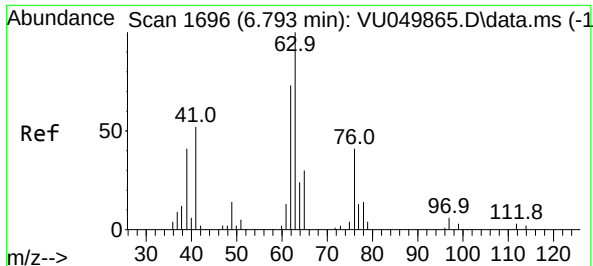


#35
Methylcyclohexane
Concen: 5.509 ug/L
RT: 6.765 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

Tgt Ion: 83 Resp: 50457

Ion	Ratio	Lower	Upper
83	100		
55	86.4	69.0	103.4
98	44.3	36.4	54.6





#37

1,2-Dichloropropane

Concen: 4.602 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

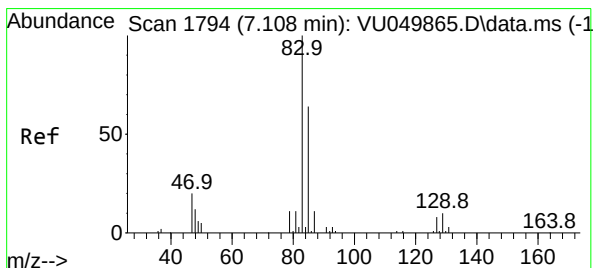
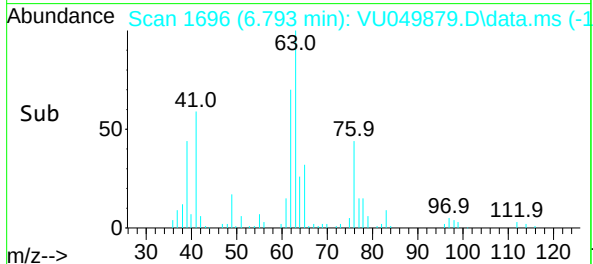
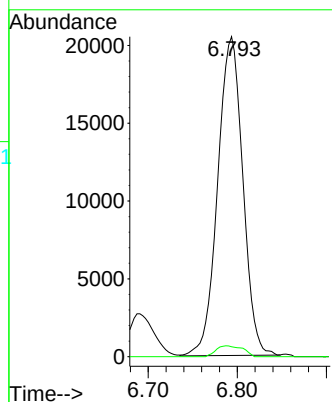
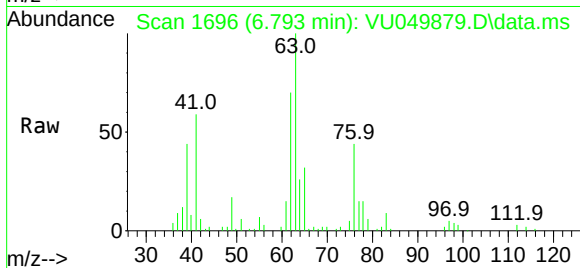
DBUF3MSD

Tgt Ion: 63 Resp: 40175

Ion Ratio Lower Upper

63 100

112 3.6 2.8 4.2



#38

Bromodichloromethane

Concen: 4.559 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

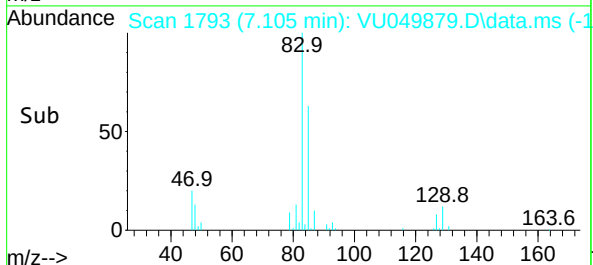
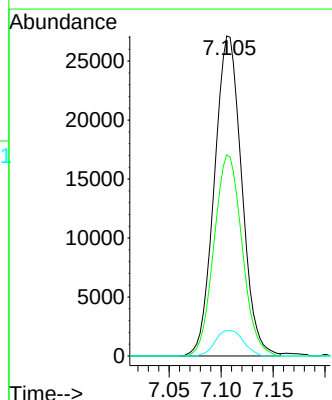
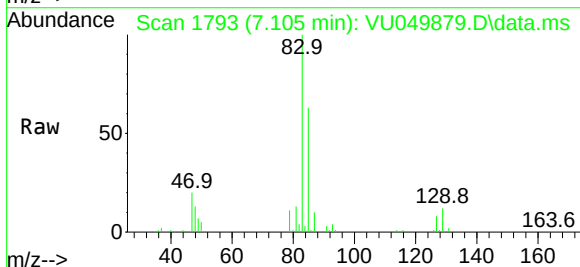
Tgt Ion: 83 Resp: 49714

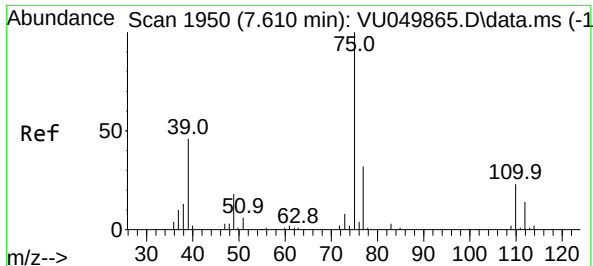
Ion Ratio Lower Upper

83 100

85 62.9 45.9 85.3

127 7.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.449 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

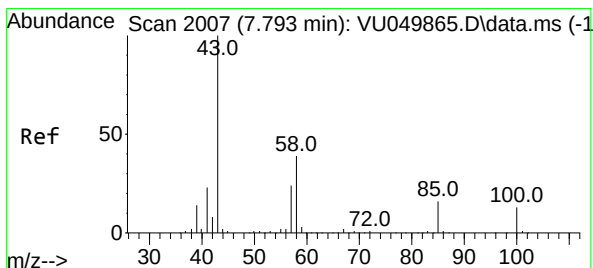
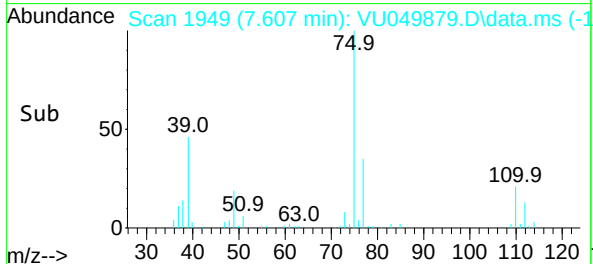
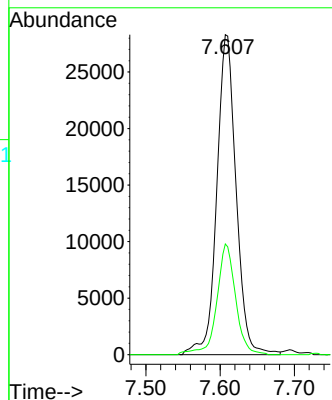
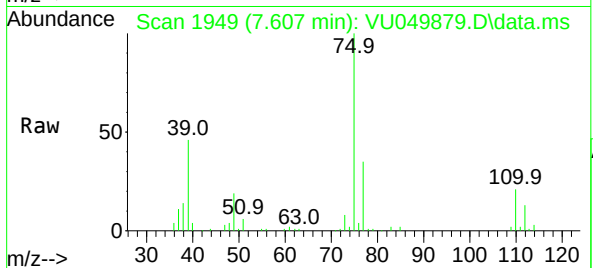
DBUF3MSD

Tgt Ion: 75 Resp: 51182

Ion Ratio Lower Upper

75 100

77 34.6 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 45.910 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

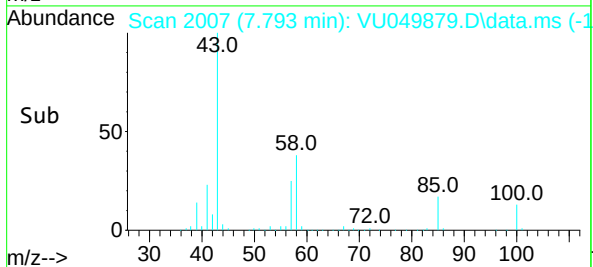
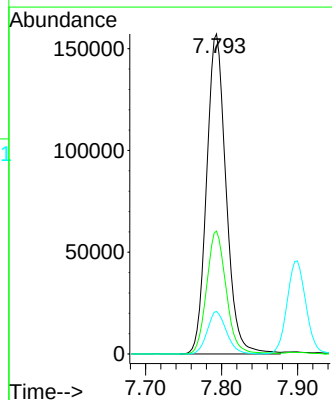
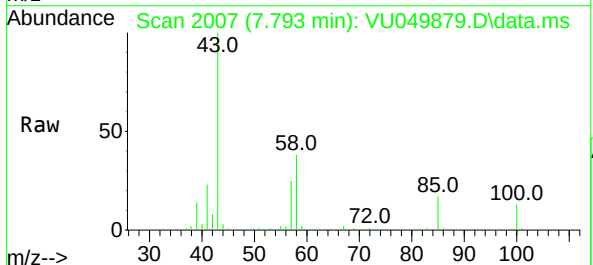
Tgt Ion: 43 Resp: 279528

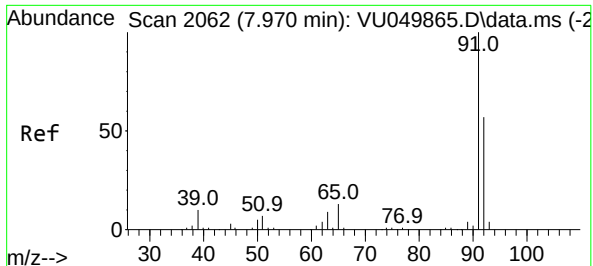
Ion Ratio Lower Upper

43 100

58 38.6 31.0 46.4

100 13.1 10.4 15.6

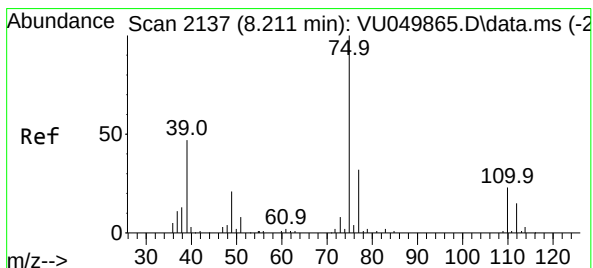
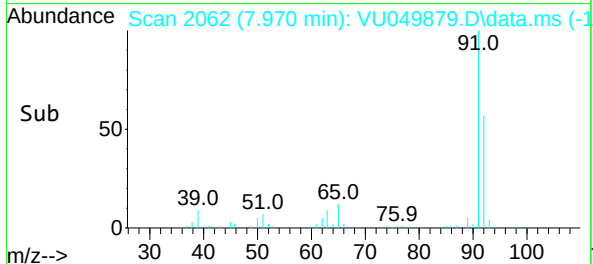
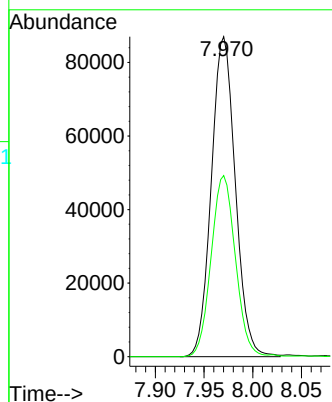
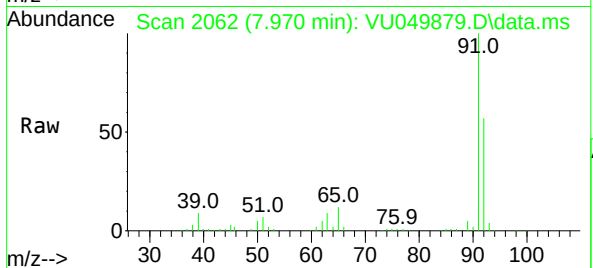




#42
Toluene
Concen: 4.860 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

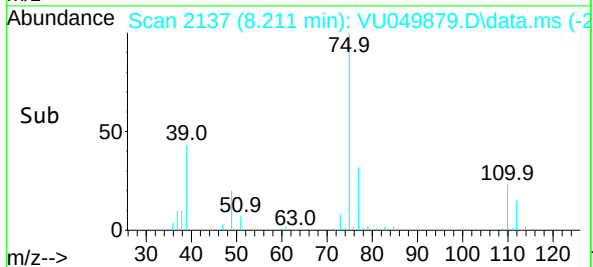
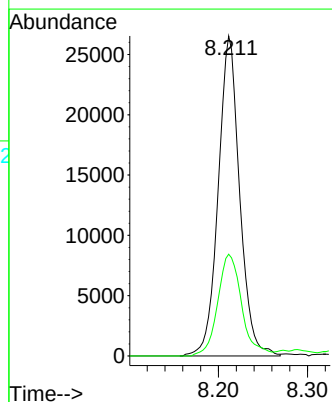
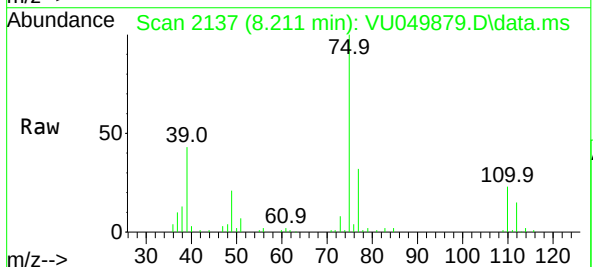
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MSD

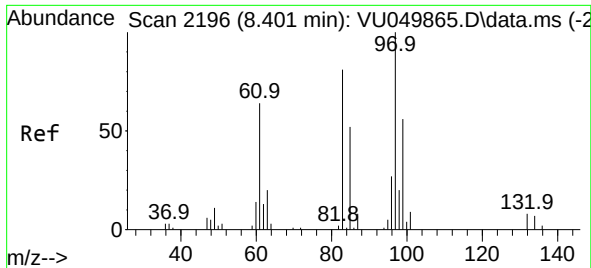
Tgt Ion: 91 Resp: 148887
Ion Ratio Lower Upper
91 100
92 56.6 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 4.463 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

Tgt Ion: 75 Resp: 44325
Ion Ratio Lower Upper
75 100
77 31.8 21.2 39.4

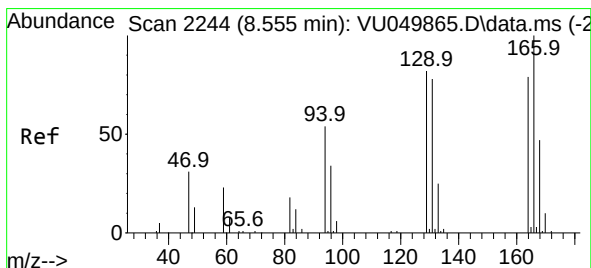
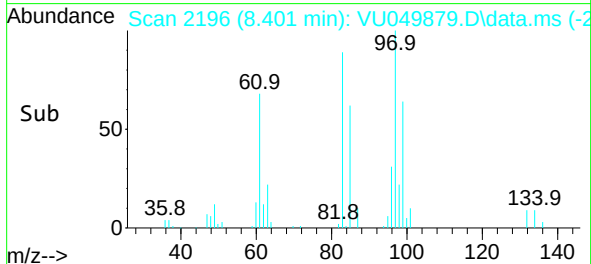
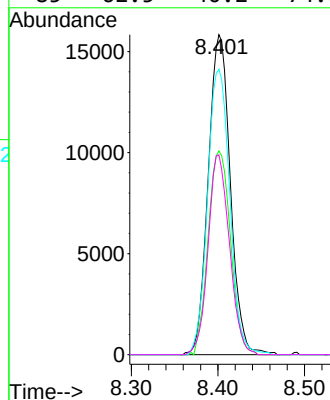
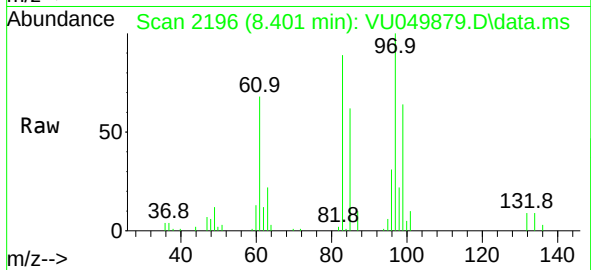




#45
1,1,2-Trichloroethane
Concen: 4.512 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

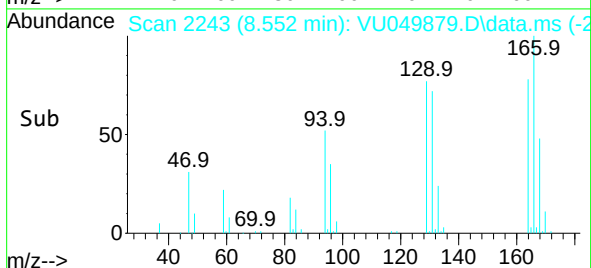
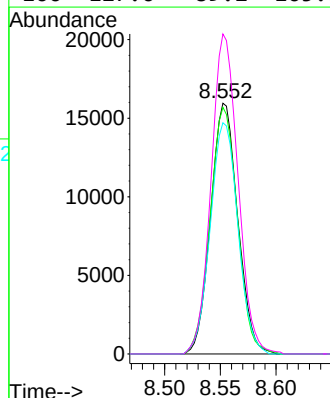
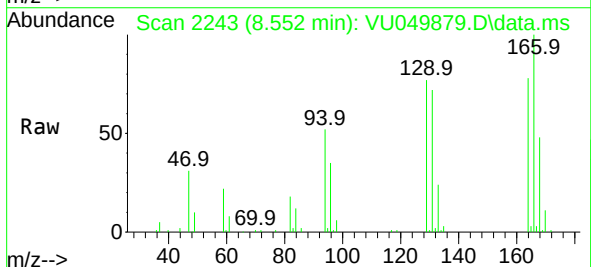
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MSD

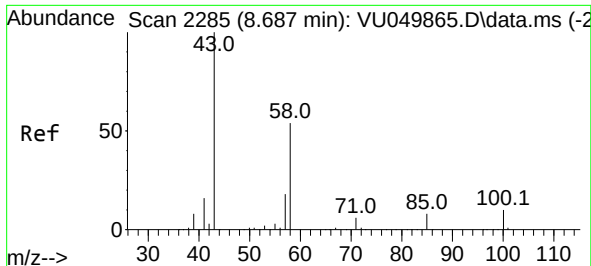
Tgt Ion: 97	Resp: 28105
Ion Ratio	Lower Upper
97 100	
99 63.7	43.8 81.3
83 89.2	62.4 115.8
85 62.5	40.2 74.6



#47
Tetrachloroethene
Concen: 5.286 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

Tgt	Ion:164	Resp:	27023
Ion	Ratio	Lower	Upper
164	100		
129	98.3	68.9	127.9
131	92.2	67.5	125.4
166	127.6	89.2	165.8

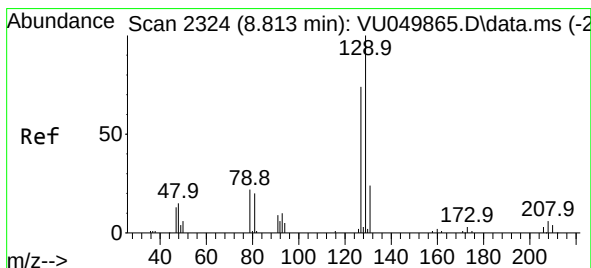
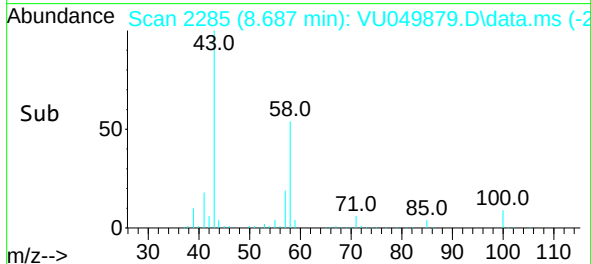
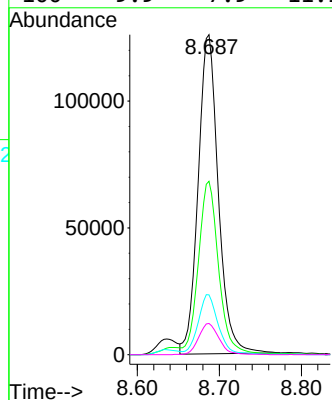
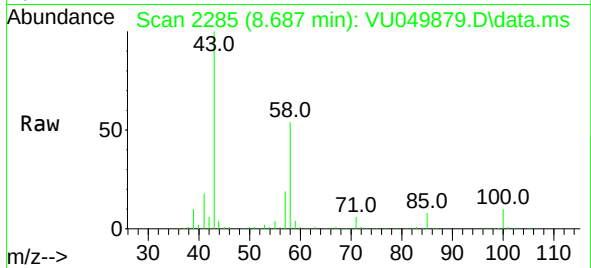




#48
2-Hexanone
Concen: 47.379 ug/L
RT: 8.687 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

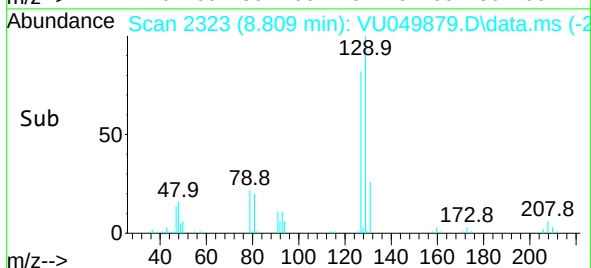
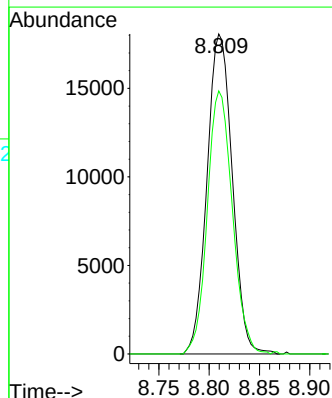
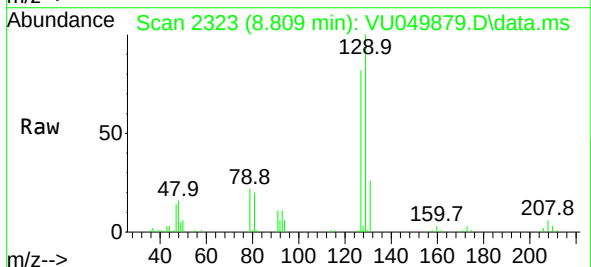
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MSD

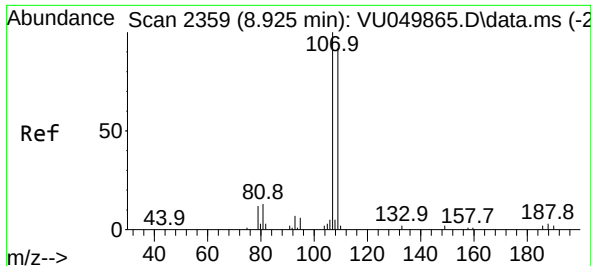
Tgt Ion: 43 Resp: 215304
Ion Ratio Lower Upper
43 100
58 53.8 42.1 63.1
57 18.6 14.3 21.5
100 9.9 7.9 11.9



#49
Dibromochloromethane
Concen: 4.546 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

Tgt Ion: 129 Resp: 31653
Ion Ratio Lower Upper
129 100
127 82.2 50.5 93.7





#50

1,2-Dibromoethane

Concen: 4.690 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

DBUF3MSD

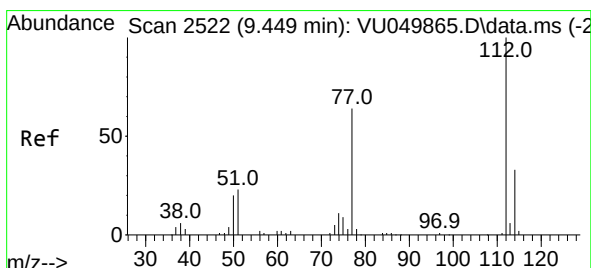
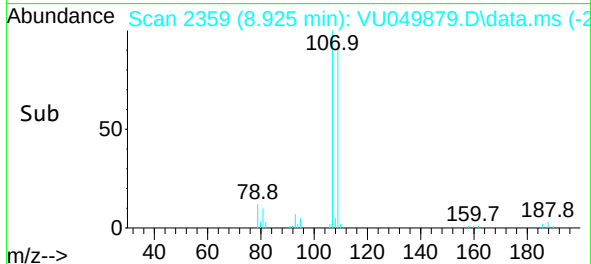
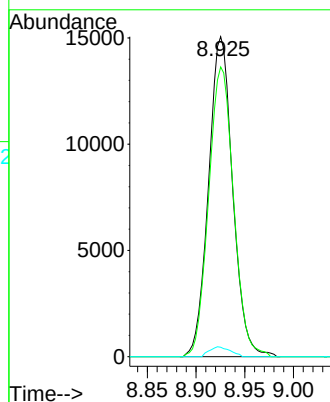
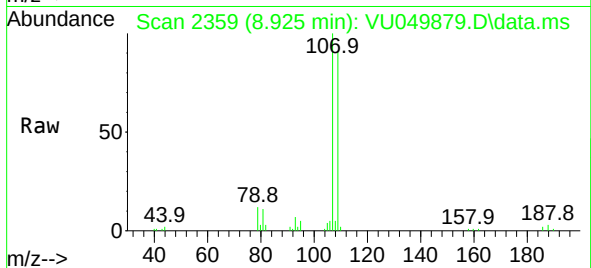
Tgt Ion:107 Resp: 25949

Ion Ratio Lower Upper

107 100

109 90.5 65.6 121.8

188 2.9 2.8 4.2



#51

Chlorobenzene

Concen: 4.723 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

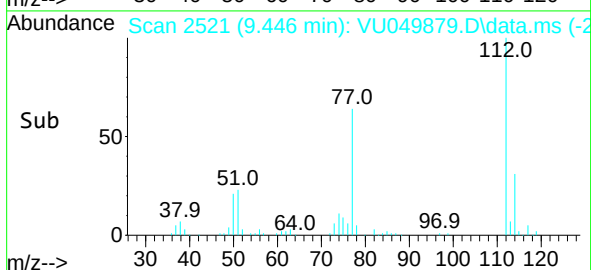
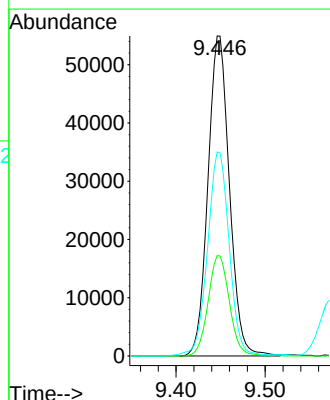
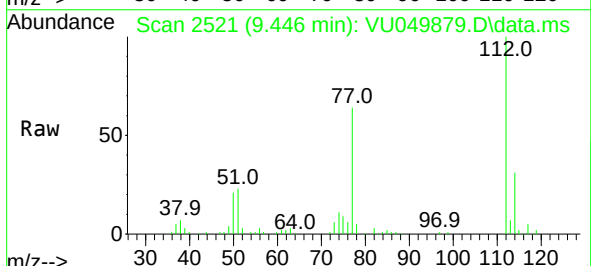
Tgt Ion:112 Resp: 91847

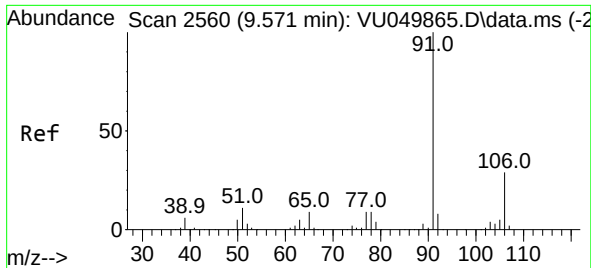
Ion Ratio Lower Upper

112 100

114 31.3 22.4 41.6

77 63.8 51.2 76.8

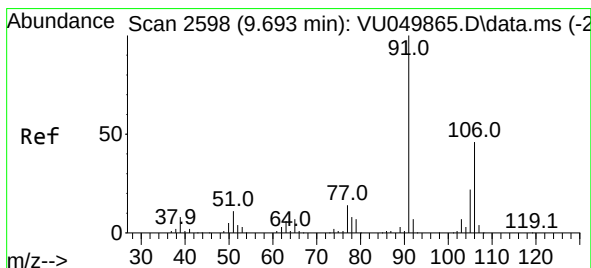
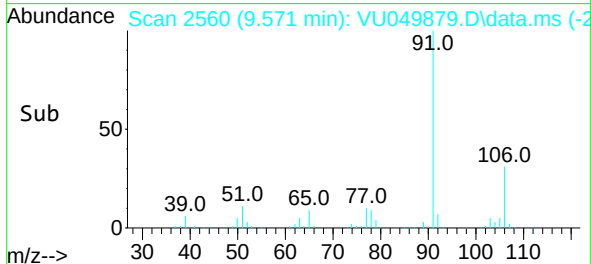
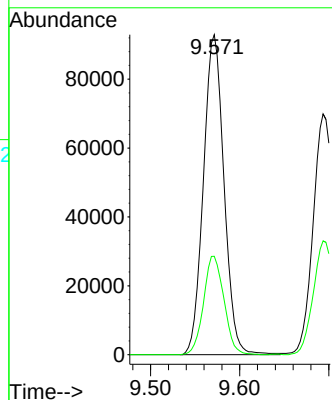
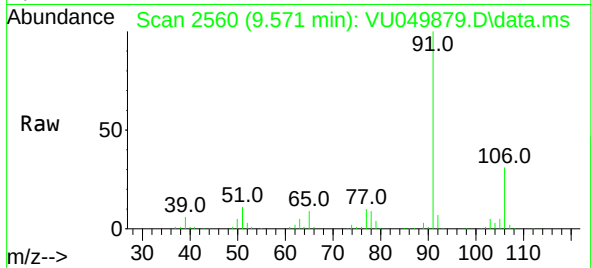




#52
Ethylbenzene
Concen: 4.739 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

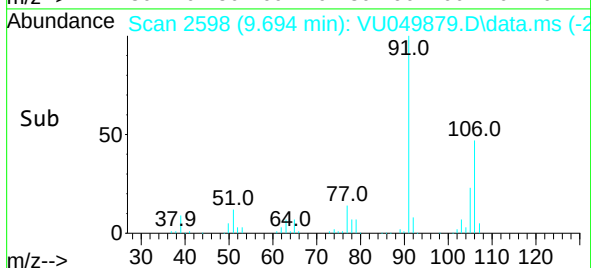
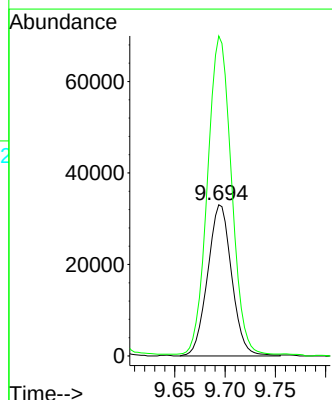
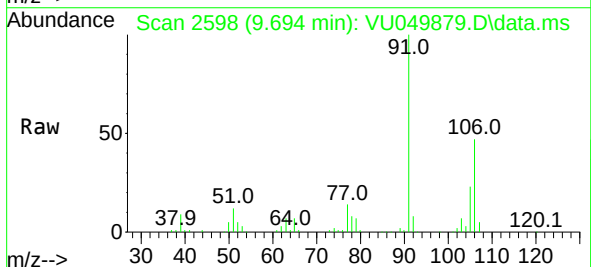
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MSD

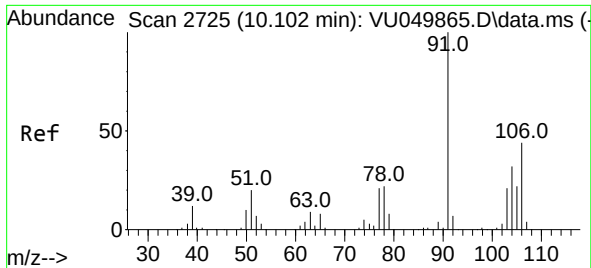
Tgt Ion: 91 Resp: 149271
Ion Ratio Lower Upper
91 100
106 30.8 20.6 38.4



#53
m,p-Xylene
Concen: 4.751 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

Tgt Ion: 106 Resp: 55045
Ion Ratio Lower Upper
106 100
91 211.6 149.7 277.9

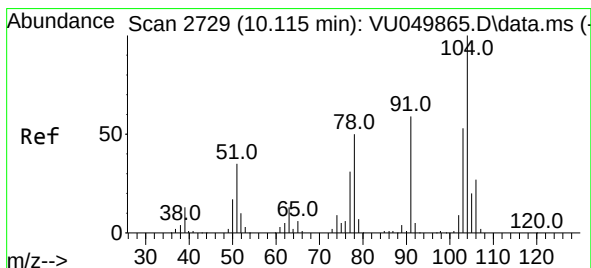
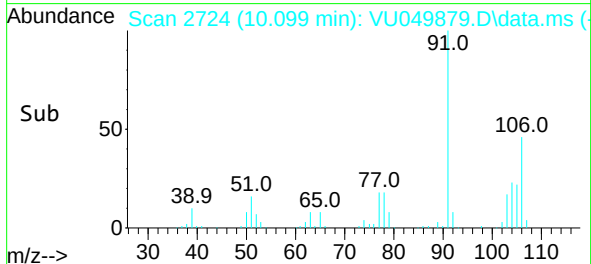
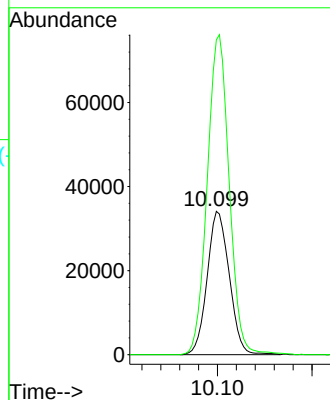
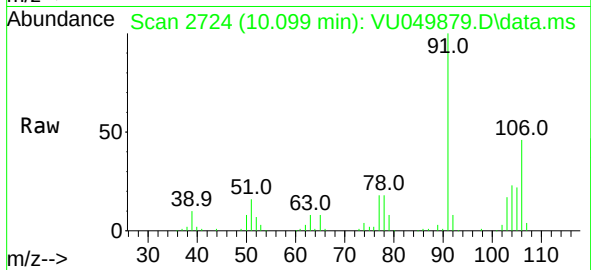




#54
o-Xylene
Concen: 4.837 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

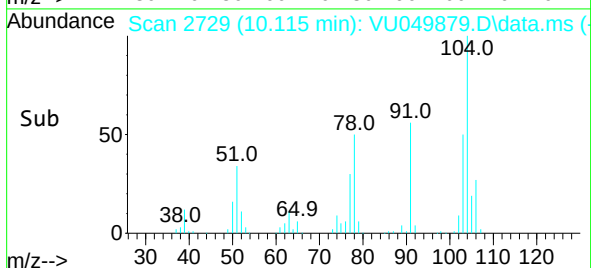
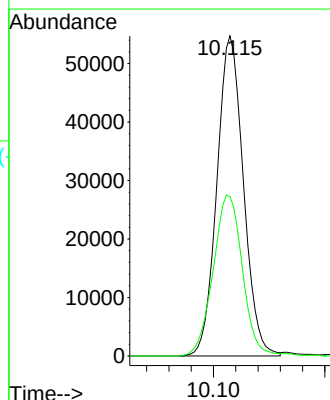
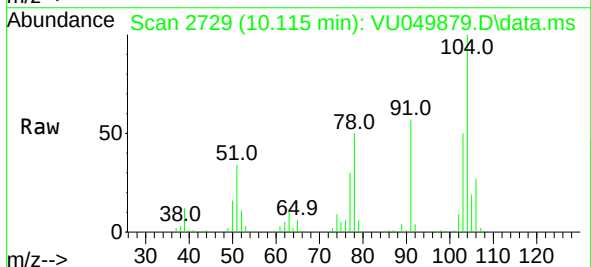
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MSD

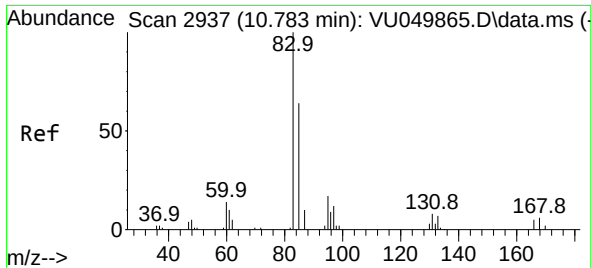
Tgt Ion:106 Resp: 55382
Ion Ratio Lower Upper
106 100
91 219.5 159.4 296.0



#55
Styrene
Concen: 4.662 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

Tgt Ion:104 Resp: 90417
Ion Ratio Lower Upper
104 100
78 49.8 35.1 65.3

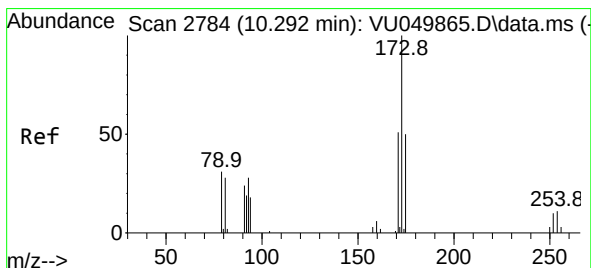
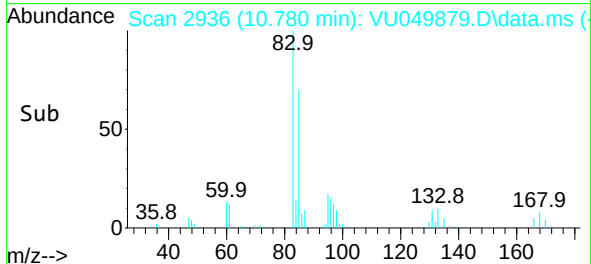
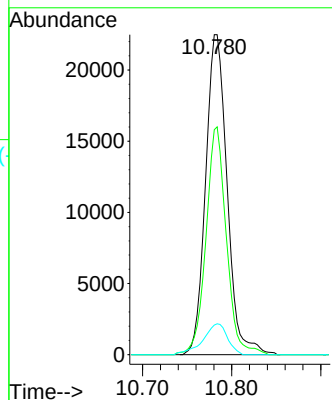
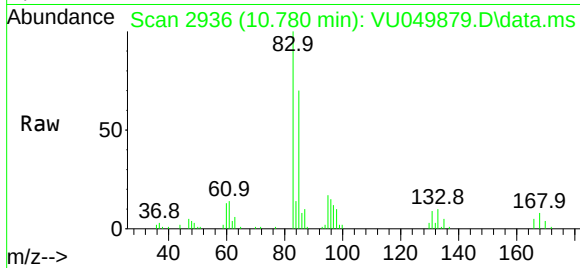




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.690 ug/L
 RT: 10.780 min Scan# 2937
 Delta R.T. -0.003 min
 Lab File: VU049879.D
 Acq: 25 Jul 2022 20:09

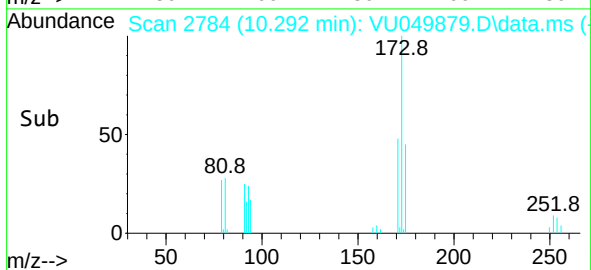
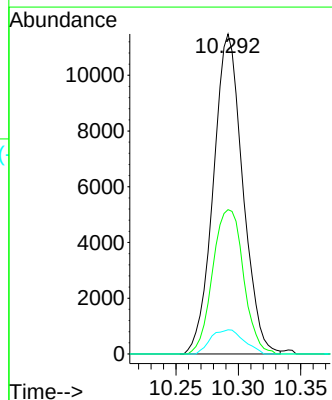
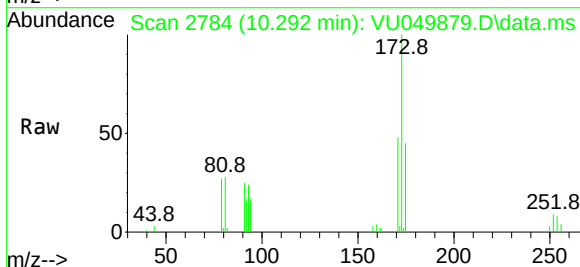
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUF3MSD

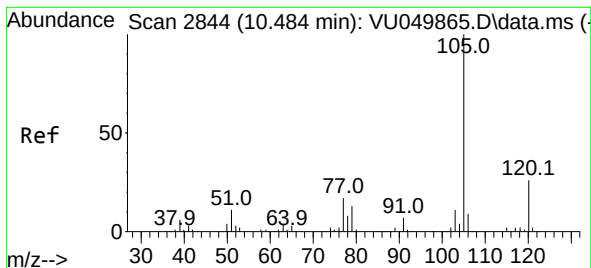
Tgt Ion: 83 Resp: 37744
 Ion Ratio Lower Upper
 83 100
 85 70.3 47.9 89.1
 131 9.3 7.3 10.9



#59
 Bromoform
 Concen: 5.236 ug/L
 RT: 10.292 min Scan# 2784
 Delta R.T. 0.000 min
 Lab File: VU049879.D
 Acq: 25 Jul 2022 20:09

Tgt Ion: 173 Resp: 18841
 Ion Ratio Lower Upper
 173 100
 175 47.3 39.5 59.3
 254 8.5 7.5 11.3





#60

Isopropylbenzene

Concen: 5.352 ug/L

RT: 10.485 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

DBUF3MSD

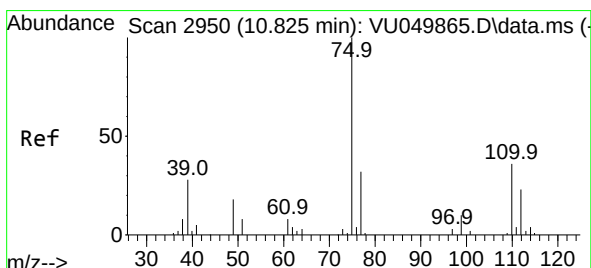
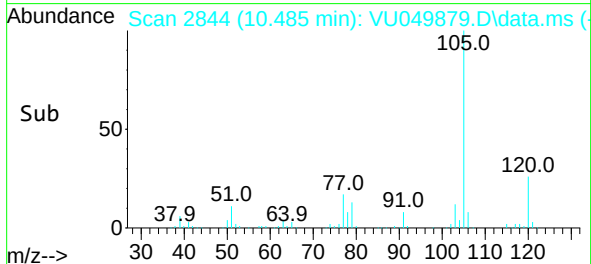
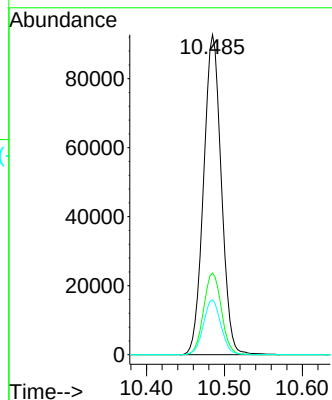
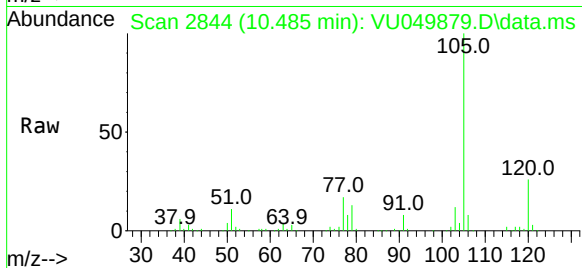
Tgt Ion:105 Resp: 146380

Ion Ratio Lower Upper

105 100

120 25.6 20.4 30.6

77 17.0 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 4.904 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

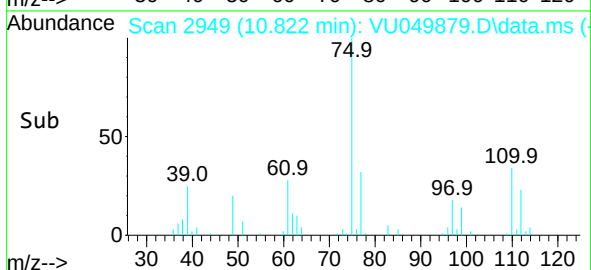
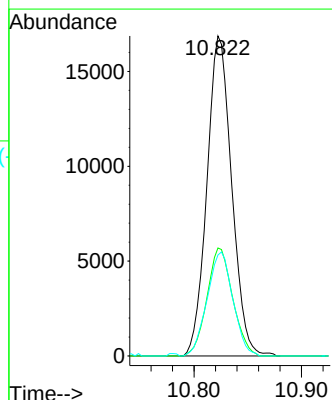
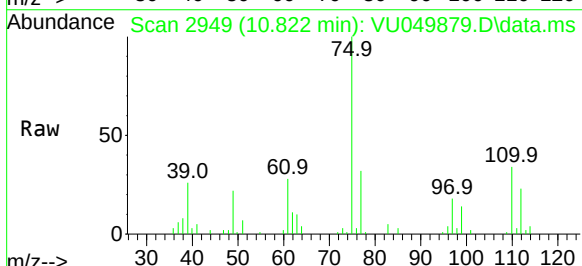
Tgt Ion: 75 Resp: 27015

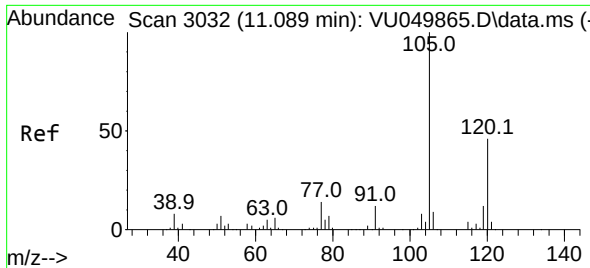
Ion Ratio Lower Upper

75 100

110 35.0 28.0 42.0

77 33.7 25.4 38.2

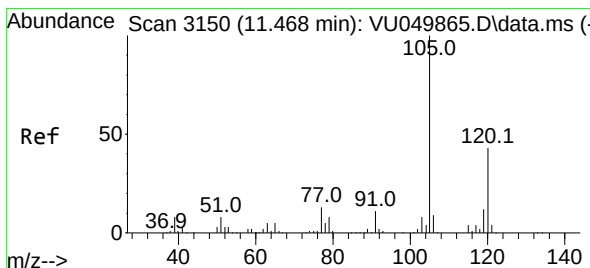
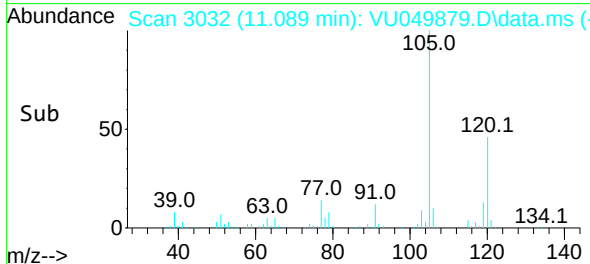
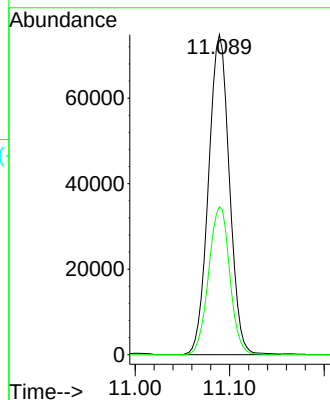
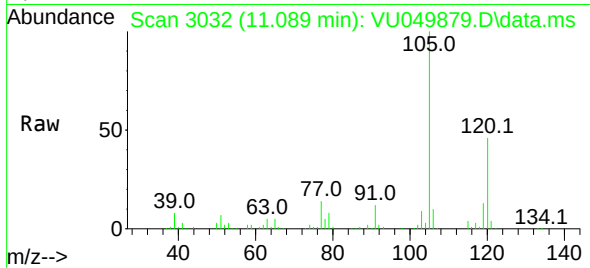




#62
 1,3,5-Trimethylbenzene
 Concen: 4.977 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU049879.D
 Acq: 25 Jul 2022 20:09

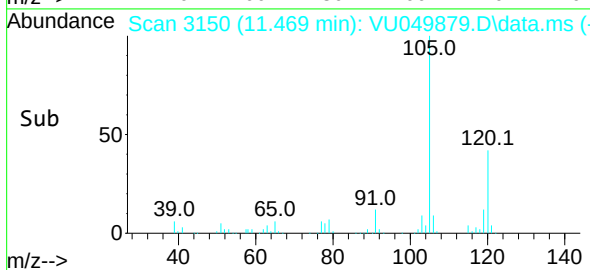
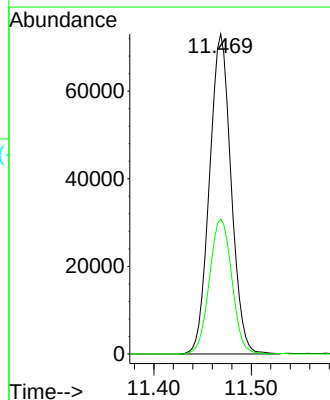
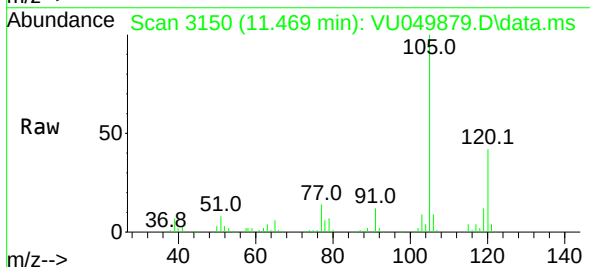
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUF3MSD

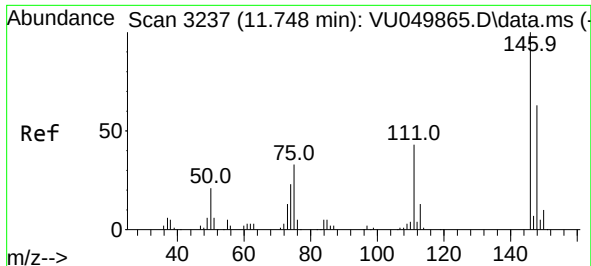
Tgt Ion:105 Resp: 115018
 Ion Ratio Lower Upper
 105 100
 120 46.7 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 5.018 ug/L
 RT: 11.469 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049879.D
 Acq: 25 Jul 2022 20:09

Tgt Ion:105 Resp: 112550
 Ion Ratio Lower Upper
 105 100
 120 43.7 34.2 51.4





#64

1,3-Dichlorobenzene

Concen: 4.859 ug/L

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

DBUF3MSD

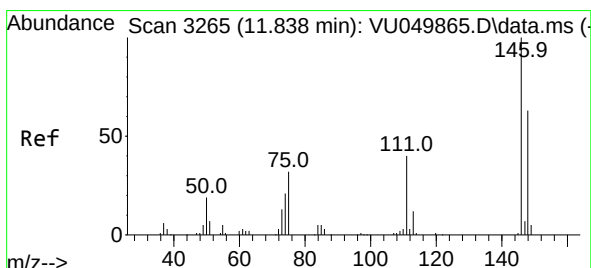
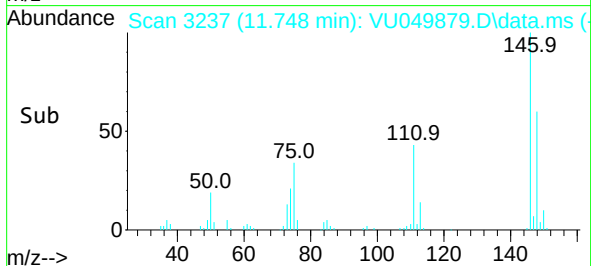
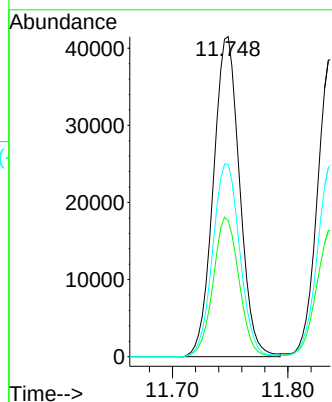
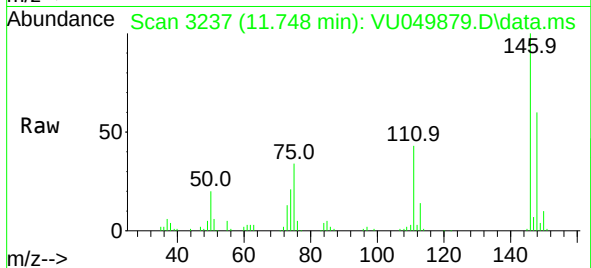
Tgt Ion:146 Resp: 65706

Ion Ratio Lower Upper

146 100

111 42.5 30.0 55.8

148 60.0 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 4.636 ug/L

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

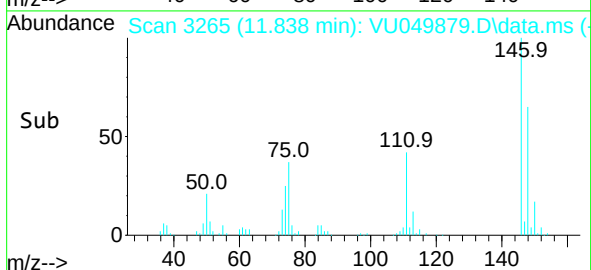
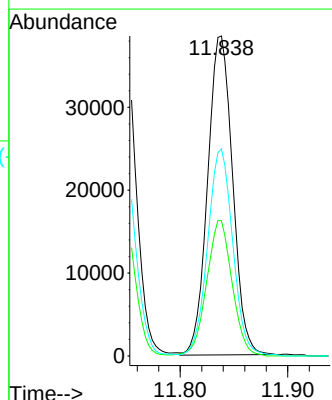
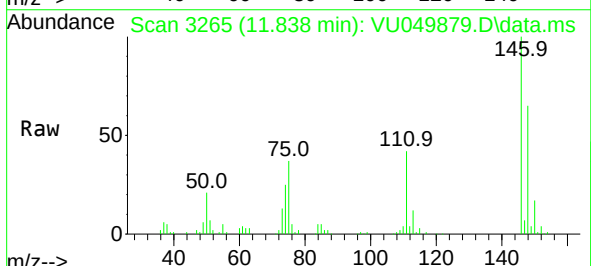
Tgt Ion:146 Resp: 62027

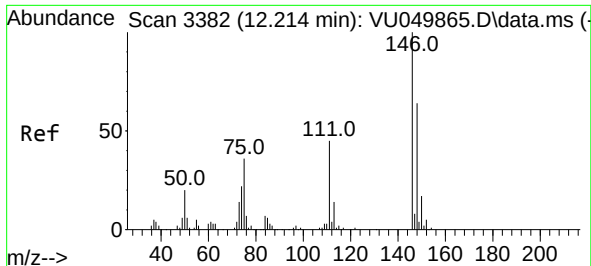
Ion Ratio Lower Upper

146 100

111 42.3 29.5 54.7

148 64.7 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 4.846 ug/L

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

DBUF3MSD

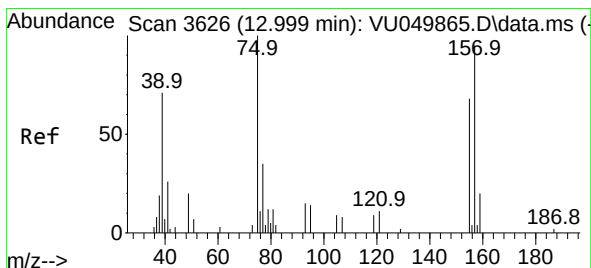
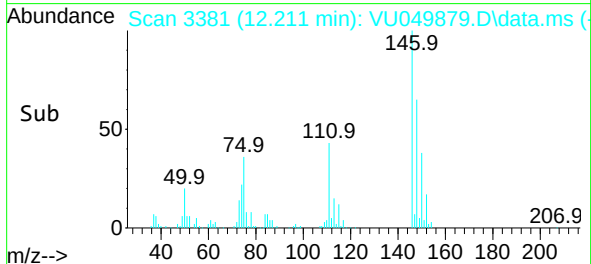
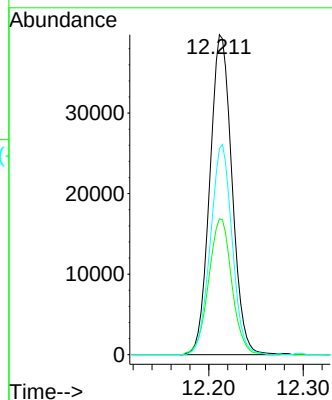
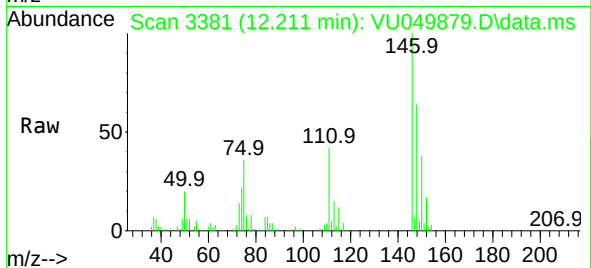
Tgt Ion:146 Resp: 64734

Ion Ratio Lower Upper

146 100

111 42.4 35.8 53.8

148 64.3 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.812 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU049879.D

Acq: 25 Jul 2022 20:09

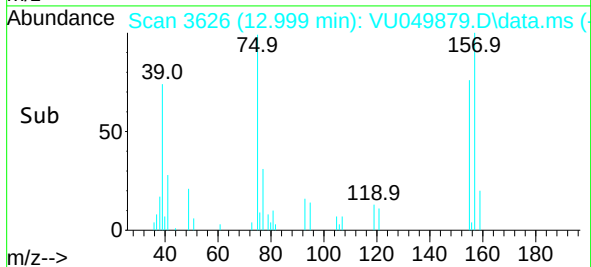
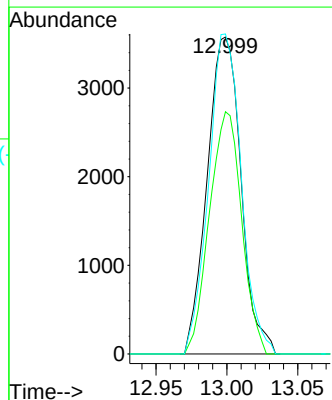
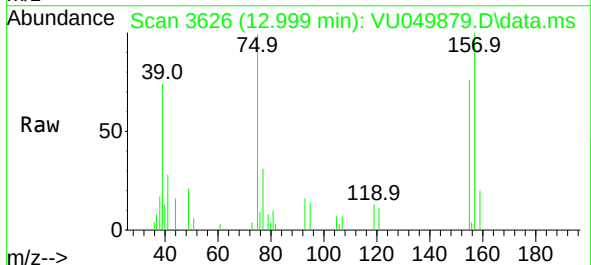
Tgt Ion: 75 Resp: 5930

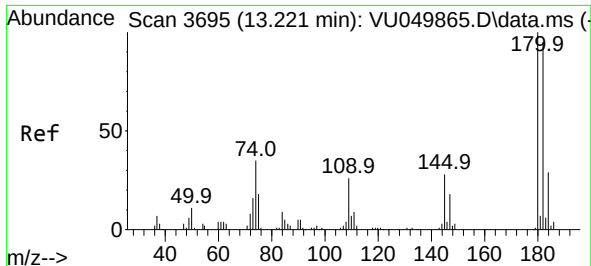
Ion Ratio Lower Upper

75 100

155 76.4 60.4 90.6

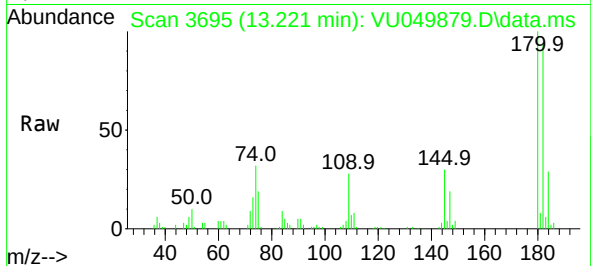
157 101.0 70.0 105.0



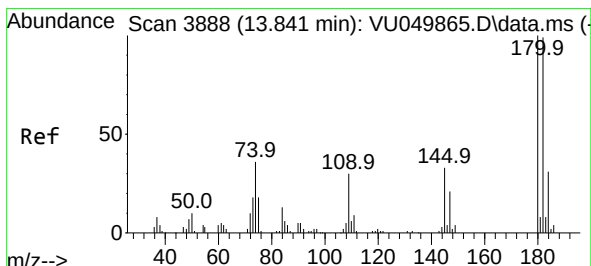
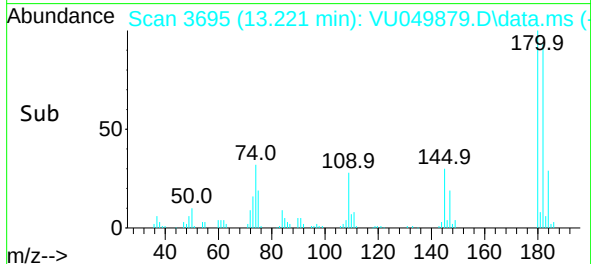
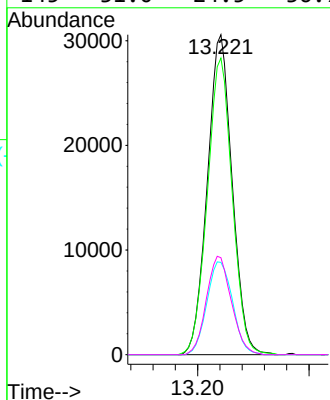


#69
 1,3,5-Trichlorobenzene
 Concen: 4.730 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU049879.D
 Acq: 25 Jul 2022 20:09

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUF3MSD

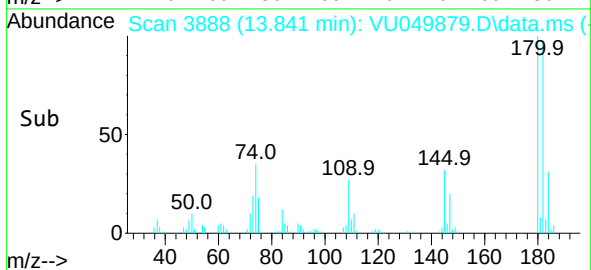
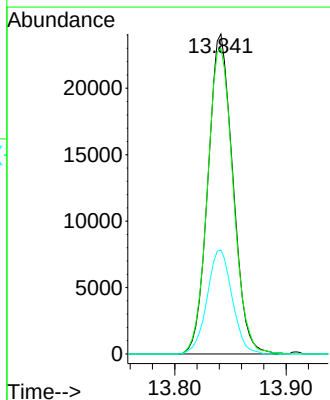
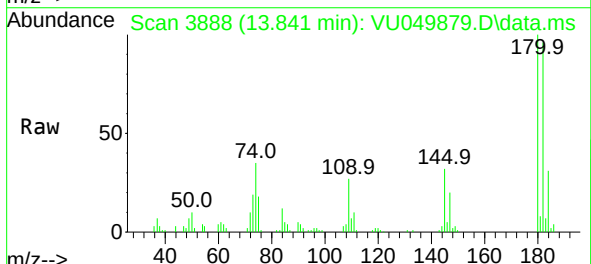


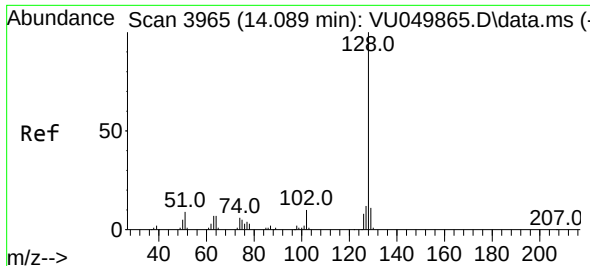
Tgt Ion:180 Resp: 47219
 Ion Ratio Lower Upper
 180 100
 182 93.4 77.2 115.8
 184 30.1 25.3 37.9
 145 31.0 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.462 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU049879.D
 Acq: 25 Jul 2022 20:09

Tgt Ion:180 Resp: 37404
 Ion Ratio Lower Upper
 180 100
 182 98.7 77.0 115.4
 145 32.7 26.1 39.1

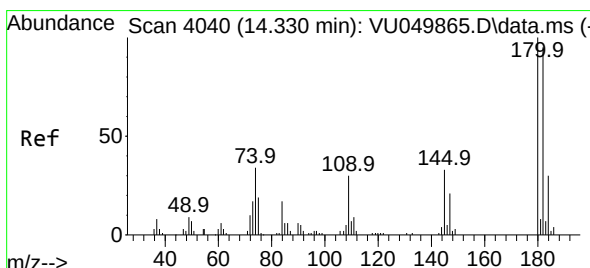
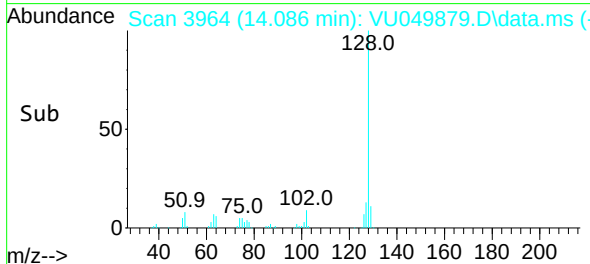
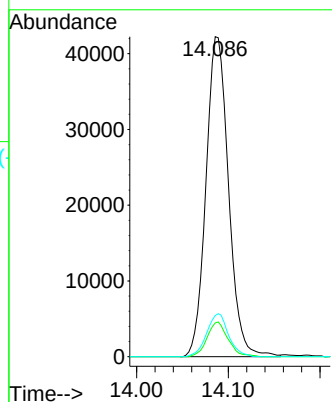
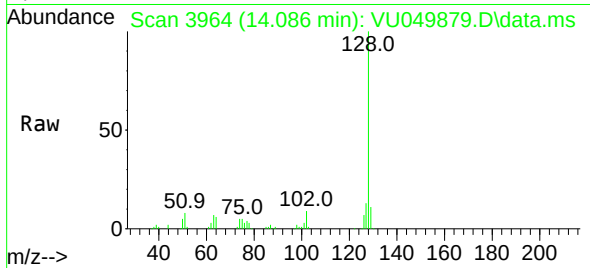




#71
Naphthalene
Concen: 4.425 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

Instrument :
MSVOA_U
ClientSampleId :
DBUF3MSD

Tgt Ion:128	Resp:	72309
Ion Ratio	Lower	Upper
128	100	
129	10.1	8.2 12.4
127	13.0	11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 4.750 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049879.D
Acq: 25 Jul 2022 20:09

Tgt Ion:180	Resp:	38272
Ion Ratio	Lower	Upper
180	100	
182	93.0	73.9 110.9
145	33.5	27.8 41.6

