

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052521.D
 Acq On : 23 Dec 2022 03:10
 Operator : JC/MD
 Sample : N6170-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB0MS

Quant Time: Dec 23 06:45:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 23 06:08:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	221570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	201341	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	105532	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78858	3.513	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.916	69	75559	3.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.568	65	35518	3.677	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	4.636	46	386447	55.516	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.040%
24) Chloroform-d	5.060	84	159258	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.697	65	94869	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.726	84	327832	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.687	67	113243	4.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.893	98	284287	4.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	8.176	79	42542	5.228	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.629	63	293286	65.882	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.760%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	105914	5.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	106021	4.935	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	84348	4.278	ug/L	99
3) Chloromethane	1.520	50	120938	4.250	ug/L	100
5) Vinyl chloride	1.604	62	114466	4.437	ug/L	99
6) Bromomethane	1.858	94	56552	3.845	ug/L	96
8) Chloroethane	1.935	64	71902	4.070	ug/L	98
9) Trichlorofluoromethane	2.141	101	126243	4.328	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	75417	4.350	ug/L	98
12) 1,1-Dichloroethene	2.581	96	79110	4.767	ug/L	91
13) Acetone	2.652	43	258462	50.367	ug/L	98
14) Carbon disulfide	2.793	76	240157	4.492	ug/L	100
15) Methyl Acetate	2.957	43	67803	5.998	ug/L	96
16) Methylene chloride	3.044	84	101903	4.347	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	238513	5.384	ug/L #	90
18) trans-1,2-Dichloroethene	3.353	96	98731	5.773	ug/L	98
19) 1,1-Dichloroethane	3.867	63	171261	4.605	ug/L	98
21) 2-Butanone	4.713	43	417309	55.217	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	256867	13.686	ug/L	99
23) Bromochloromethane	4.970	128	42376	4.872	ug/L	92
25) Chloroform	5.086	83	164978	4.578	ug/L	98

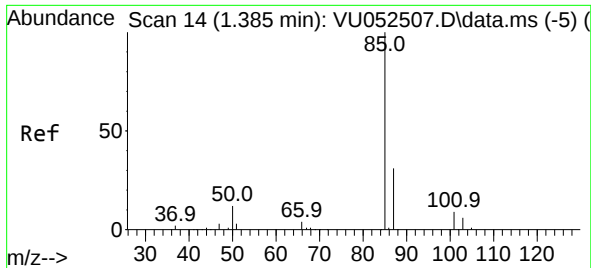
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 23 06:08:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	117021	4.700	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	126281	4.983	ug/L	98
30) Cyclohexane	5.385	56	160769	5.871	ug/L	96
31) Carbon tetrachloride	5.523	117	103855	4.664	ug/L	98
33) Benzene	5.771	78	389940	5.377	ug/L	100
34) Trichloroethene	6.539	95	3858800	227.606	ug/L	99
35) Methylcyclohexane	6.761	83	139966	5.475	ug/L	95
37) 1,2-Dichloropropane	6.787	63	103064	5.093	ug/L	100
38) Bromodichloromethane	7.102	83	118661	4.818	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	138632	5.409	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	912549	61.708	ug/L	97
42) Toluene	7.967	91	387899	5.578	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	121915	5.398	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	76096	5.309	ug/L	98
47) Tetrachloroethene	8.552	164	2030194	171.552	ug/L	99
48) 2-Hexanone	8.681	43	667101	59.846	ug/L	99
49) Dibromochloromethane	8.806	129	79402	5.232	ug/L	99
50) 1,2-Dibromoethane	8.918	107	72157	5.538	ug/L	98
51) Chlorobenzene	9.443	112	230436	5.190	ug/L	99
52) Ethylbenzene	9.565	91	390610	5.428	ug/L	99
53) m,p-Xylene	9.690	106	151247	5.700	ug/L	96
54) o-Xylene	10.095	106	150742	5.926	ug/L	99
55) Styrene	10.111	104	247892	5.602	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	109827	5.543	ug/L	99
59) Bromoform	10.285	173	46051	4.967	ug/L	99
60) Isopropylbenzene	10.481	105	371639	5.433	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	80367	5.310	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	308087	5.461	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	316426	5.572	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	173153	5.102	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	175233	4.993	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	169667	5.060	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	19124	5.582	ug/L	91
69) 1,3,5-Trichlorobenzene	13.214	180	123966	4.961	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	113325	5.389	ug/L	98
71) Naphthalene	14.082	128	267752	6.293	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	112218	5.324	ug/L	99

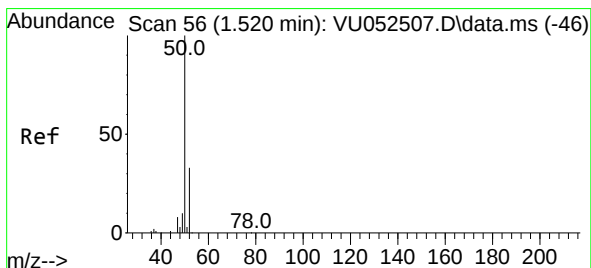
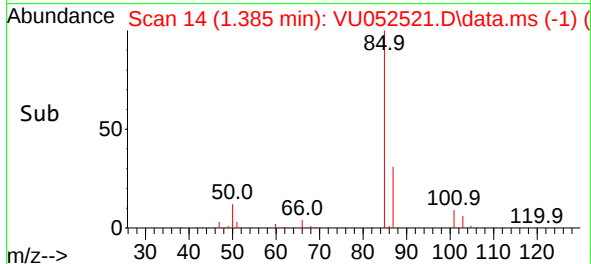
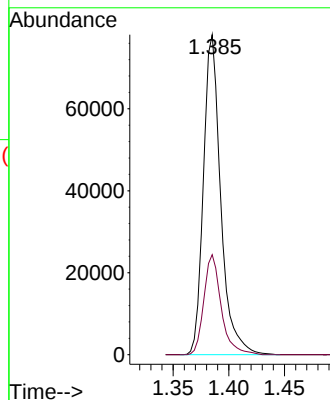
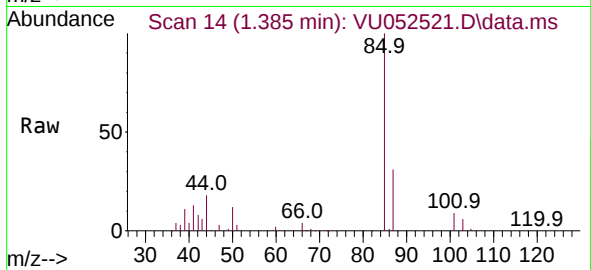
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#2
Dichlorodifluoromethane
Concen: 4.278 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

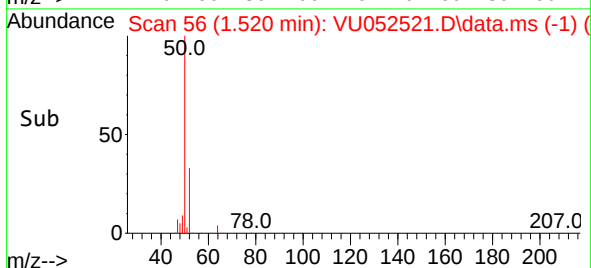
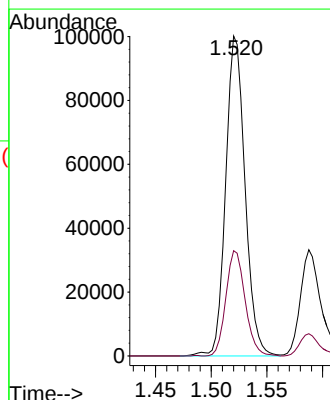
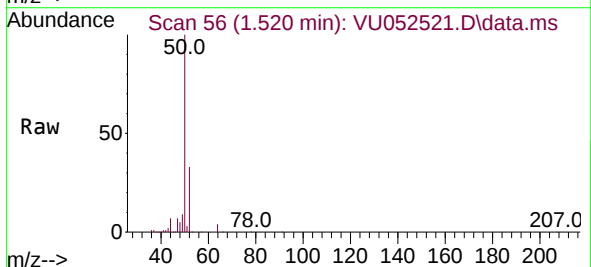
Instrument :
MSVOA_U
ClientSampleId :
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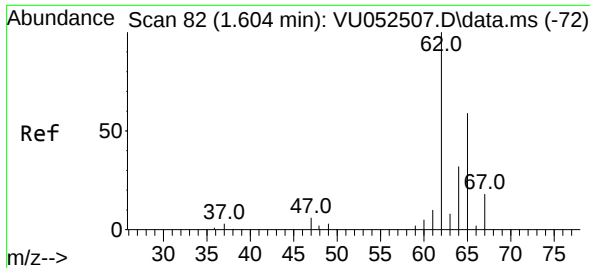
Tgt Ion: 85 Resp: 84348
Ion Ratio Lower Upper
85 100
87 31.3 25.6 38.4



#3
Chloromethane
Concen: 4.250 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 50 Resp: 120938
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.6

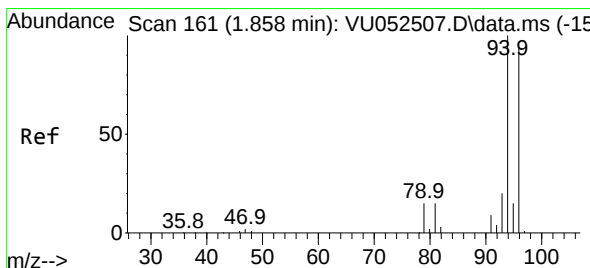
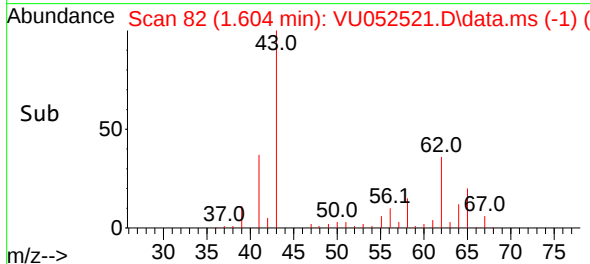
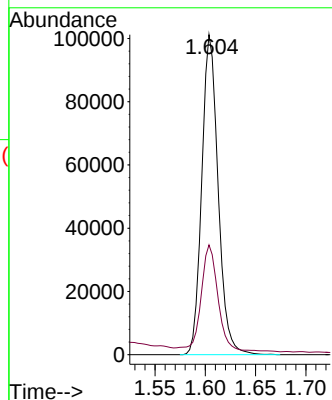
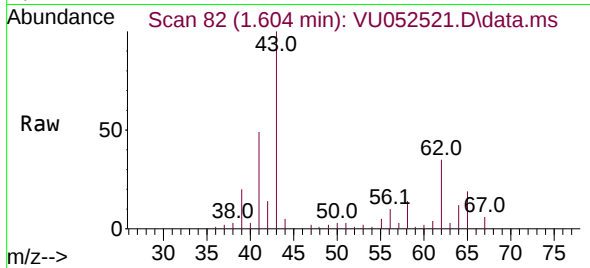




#5
 Vinyl chloride
 Concen: 4.437 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU052521.D
 Acq: 23 Dec 2022 03:10

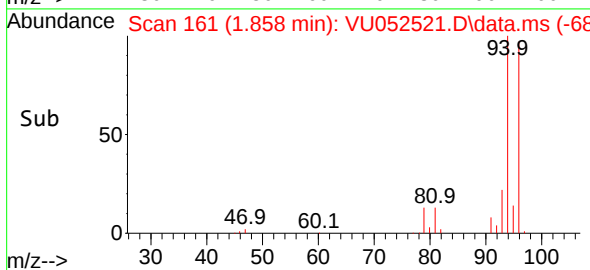
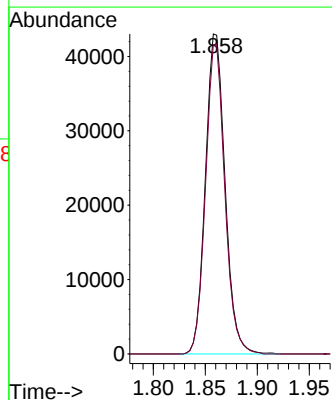
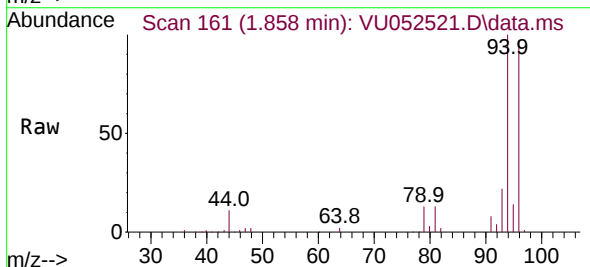
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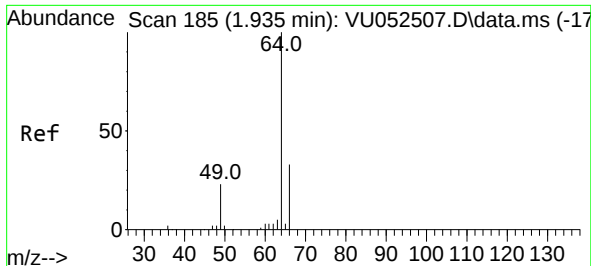
Tgt Ion: 62 Resp: 114466
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.4 45.4



#6
 Bromomethane
 Concen: 3.845 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU052521.D
 Acq: 23 Dec 2022 03:10

Tgt Ion: 94 Resp: 56552
 Ion Ratio Lower Upper
 94 100
 96 96.6 65.0 120.8

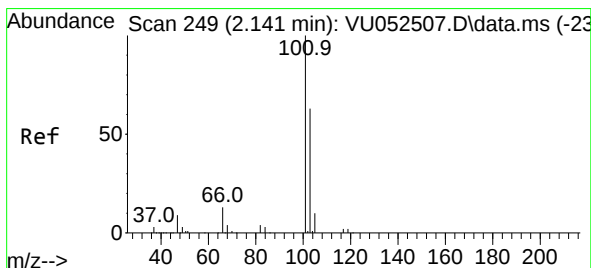
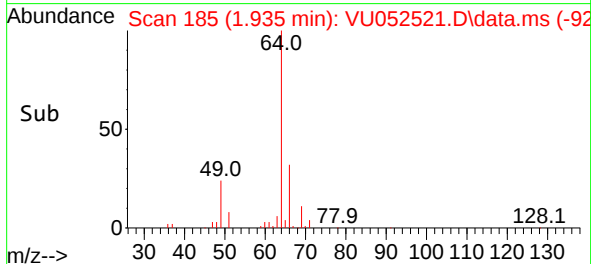
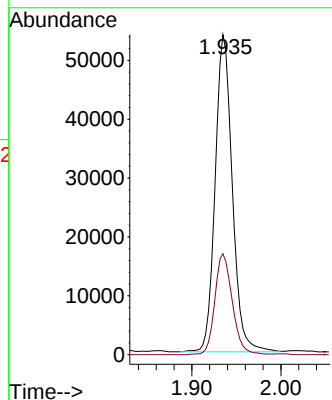
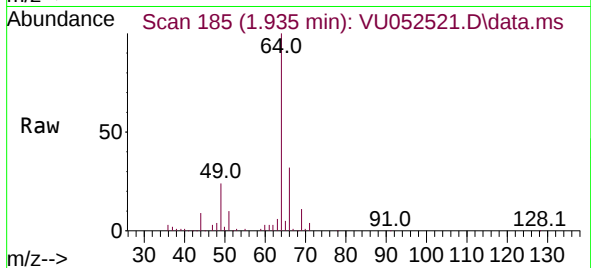




#8
Chloroethane
Concen: 4.070 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

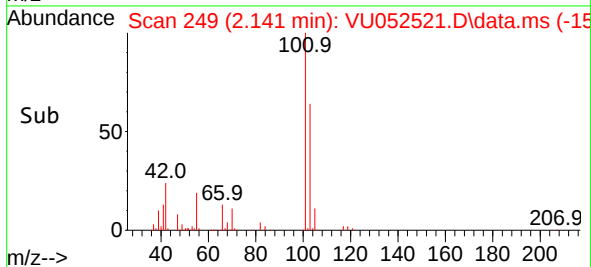
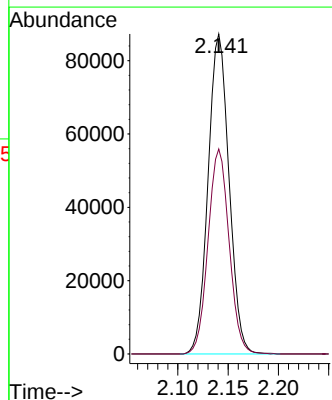
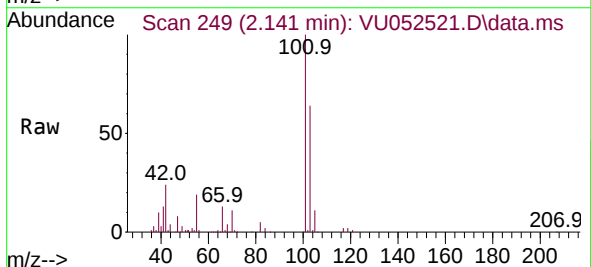
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ClientSampleId :
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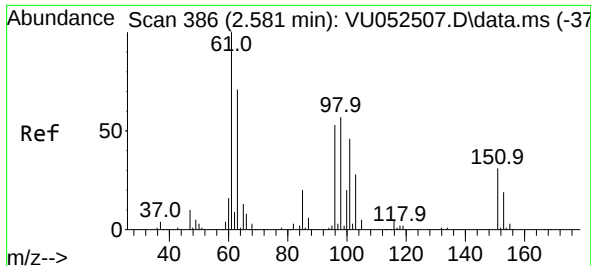
Tgt Ion: 64 Resp: 71902
Ion Ratio Lower Upper
64 100
66 31.6 21.3 39.5



#9
Trichlorofluoromethane
Concen: 4.328 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:101 Resp: 126243
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

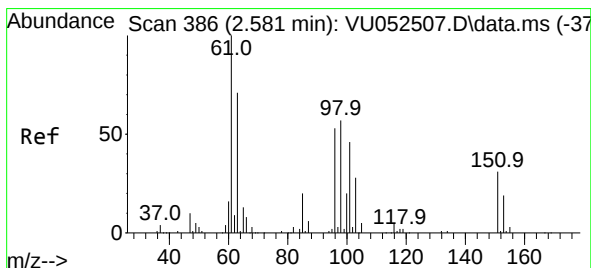
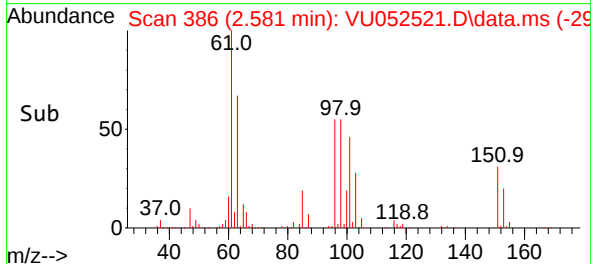
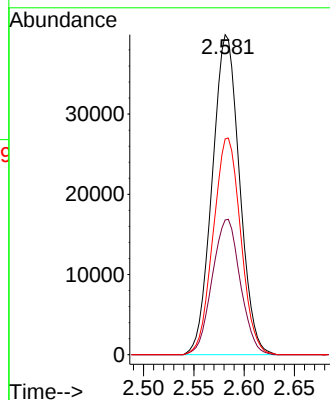
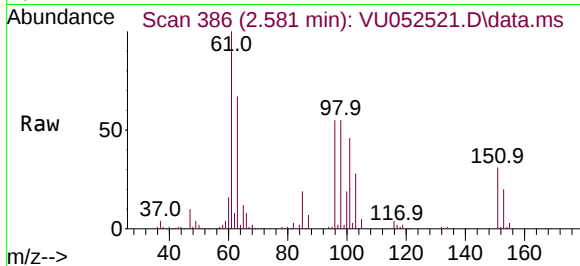




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.350 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052521.D
 Acq: 23 Dec 2022 03:10

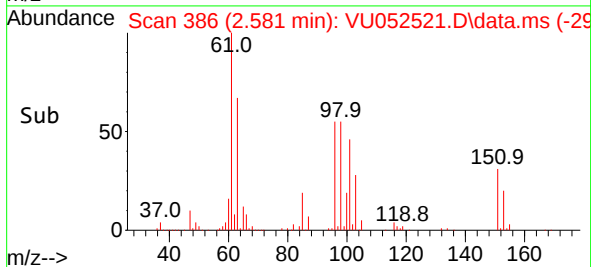
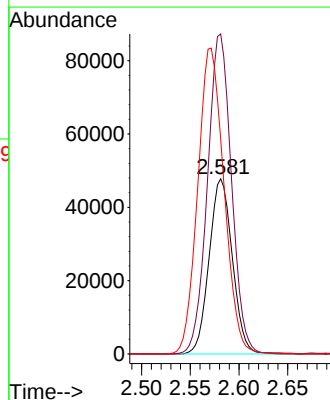
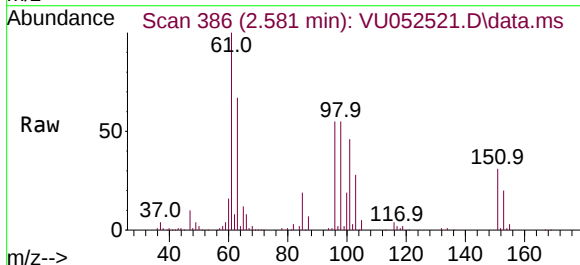
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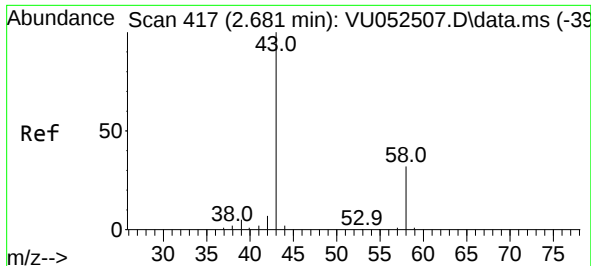
Tgt Ion: 101 Resp: 75417
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.8 53.6
 151 68.4 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 4.767 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052521.D
 Acq: 23 Dec 2022 03:10

Tgt Ion: 96 Resp: 79110
 Ion Ratio Lower Upper
 96 100
 61 182.7 135.4 251.4
 63 122.9 95.4 177.2





#13

Acetone

Concen: 50.367 ug/L

RT: 2.652 min Scan# 408

Delta R.T. -0.029 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

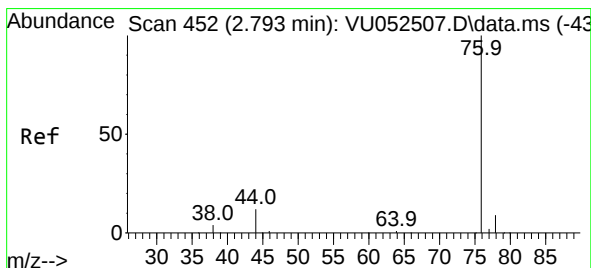
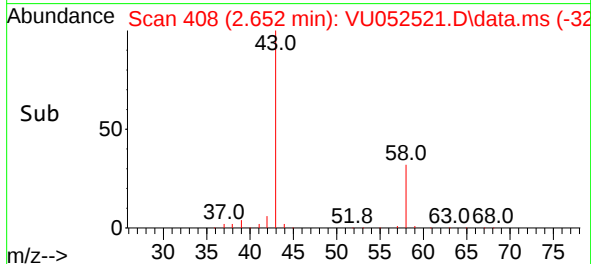
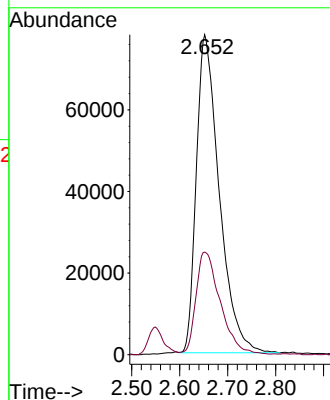
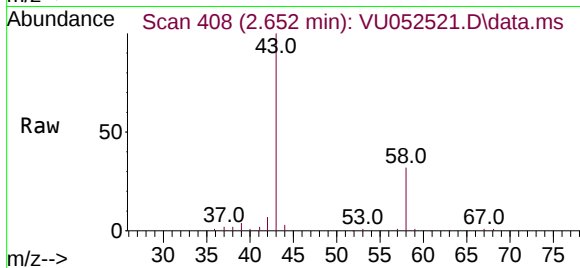
GBQB0MS

Tgt Ion: 43 Resp: 258462

Ion Ratio Lower Upper

43 100

58 33.9 0.0 65.4



#14

Carbon disulfide

Concen: 4.492 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052521.D

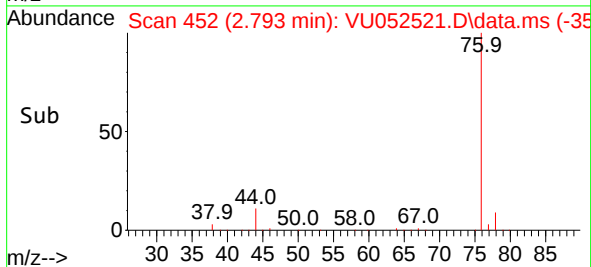
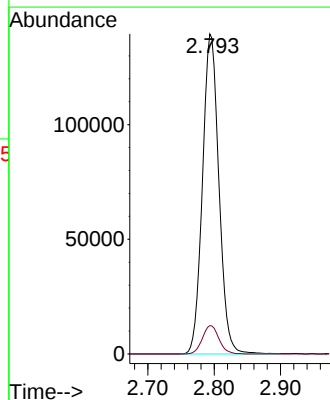
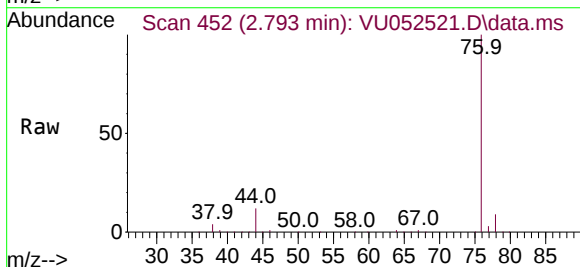
Acq: 23 Dec 2022 03:10

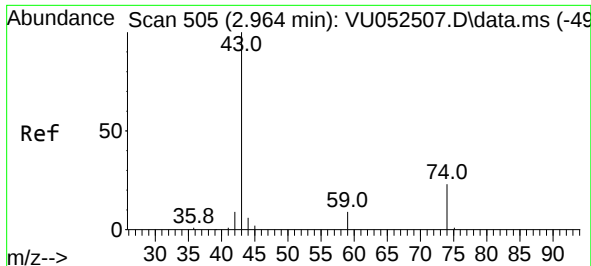
Tgt Ion: 76 Resp: 240157

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

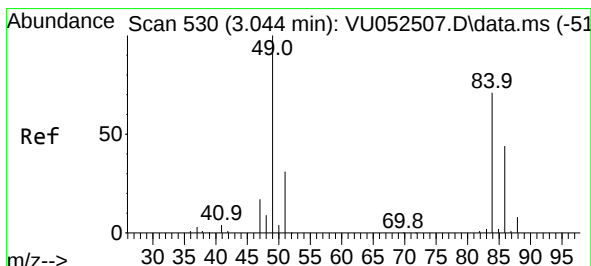
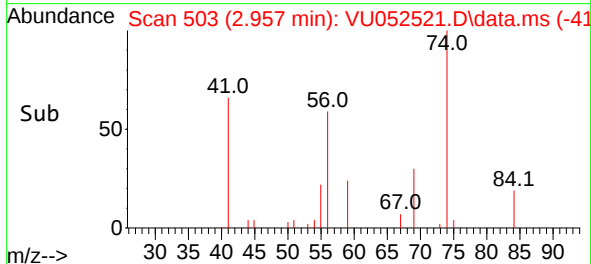
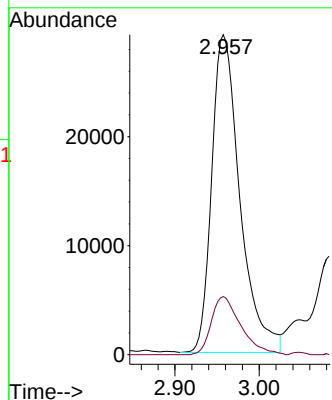
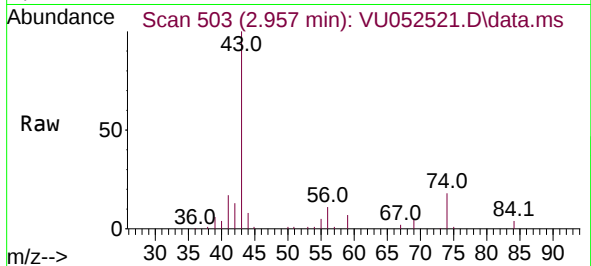




#15
Methyl Acetate
Concen: 5.998 ug/L
RT: 2.957 min Scan# 505
Delta R.T. -0.006 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

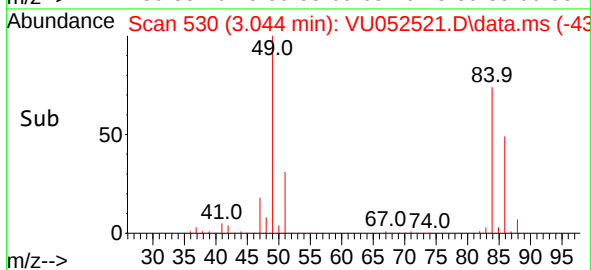
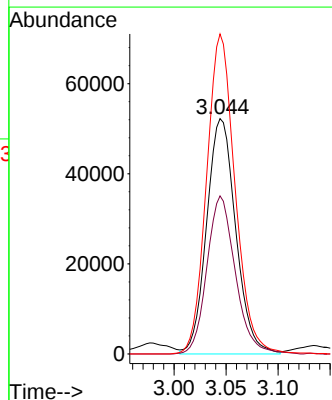
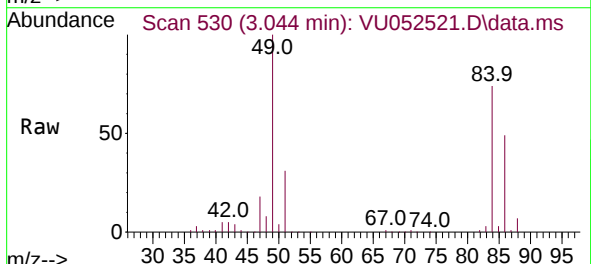
Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

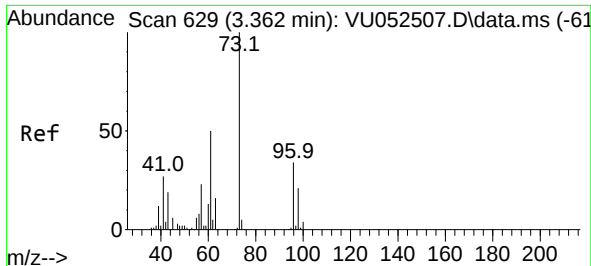
Tgt Ion: 43 Resp: 67803
Ion Ratio Lower Upper
43 100
74 19.1 16.9 25.3



#16
Methylene chloride
Concen: 4.347 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 84 Resp: 101903
Ion Ratio Lower Upper
84 100
86 67.1 44.7 83.1
49 135.9 93.3 173.3





#17

Methyl tert-butyl Ether

Concen: 5.384 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

GBQB0MS

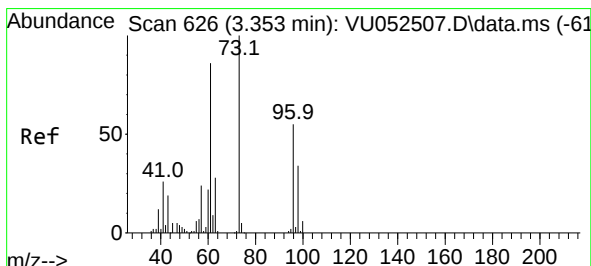
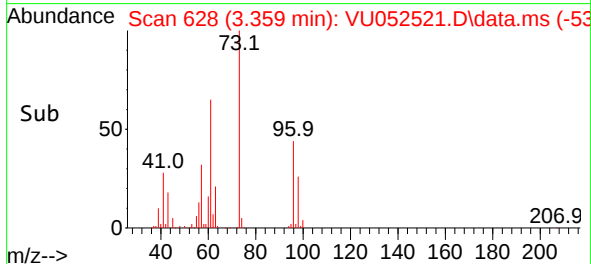
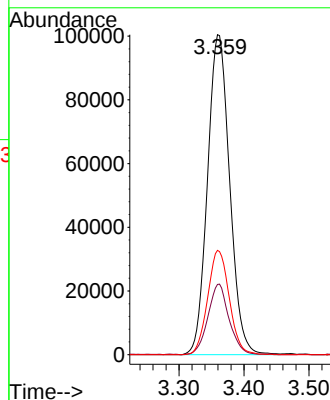
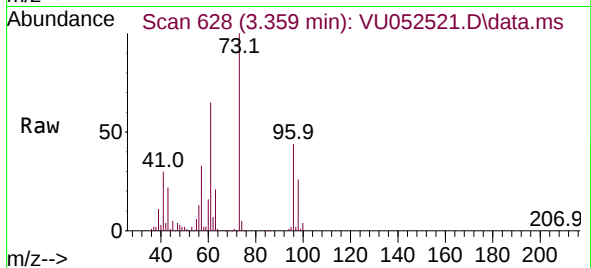
Tgt Ion: 73 Resp: 238513

Ion Ratio Lower Upper

73 100

43 21.0 16.1 24.1

57 31.8 19.2 28.8#



#18

trans-1,2-Dichloroethene

Concen: 5.773 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

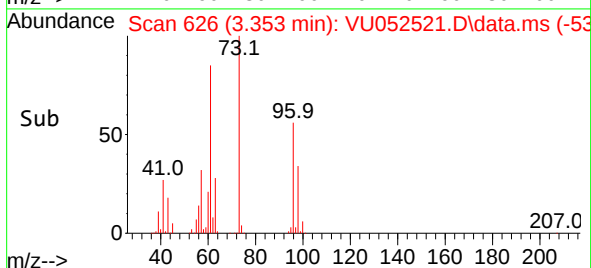
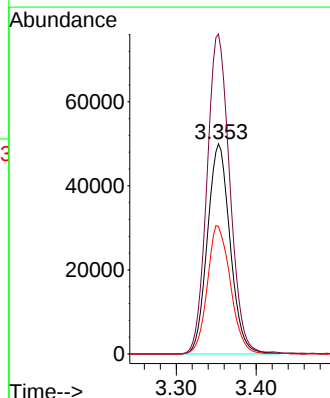
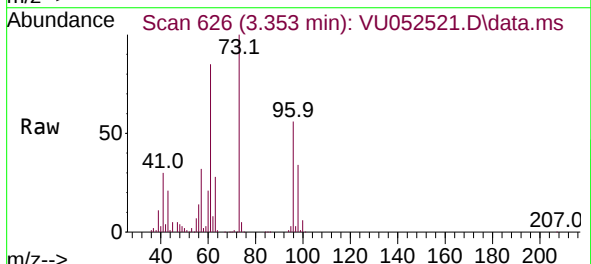
Tgt Ion: 96 Resp: 98731

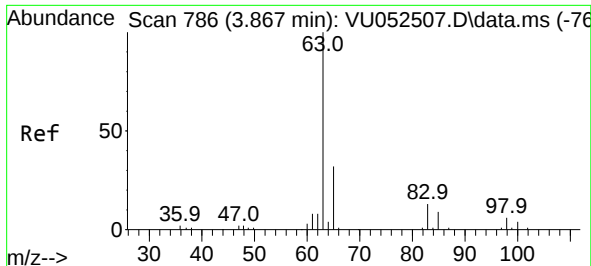
Ion Ratio Lower Upper

96 100

61 152.3 108.3 201.1

98 60.7 44.0 81.6





#19

1,1-Dichloroethane

Concen: 4.605 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

GBQB0MS

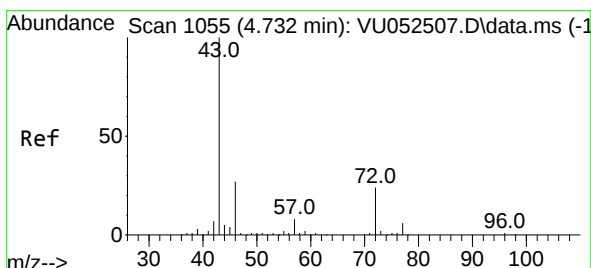
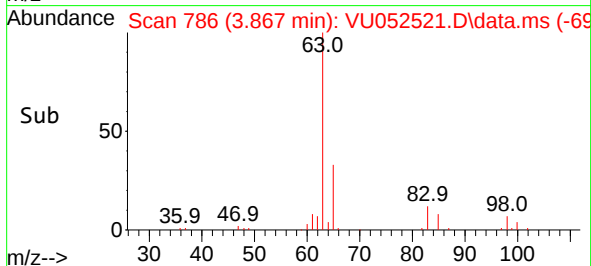
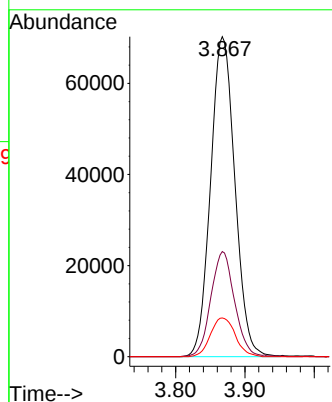
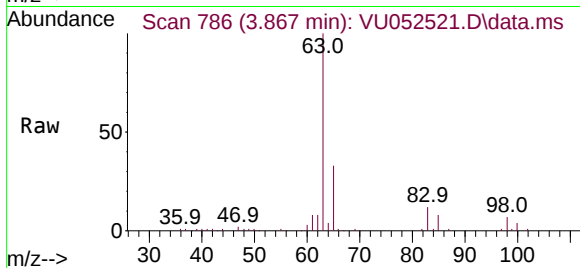
Tgt Ion: 63 Resp: 171261

Ion Ratio Lower Upper

63 100

65 32.9 22.0 40.8

83 12.1 9.0 16.8



#21

2-Butanone

Concen: 55.217 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.019 min

Lab File: VU052521.D

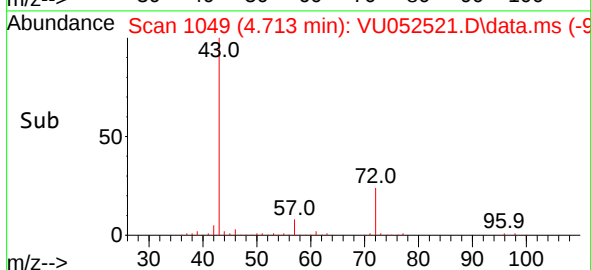
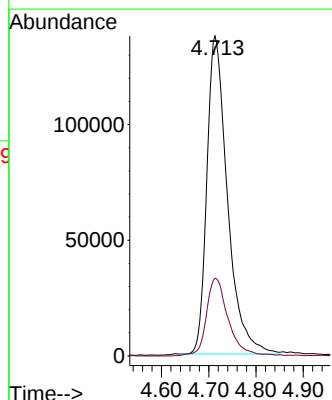
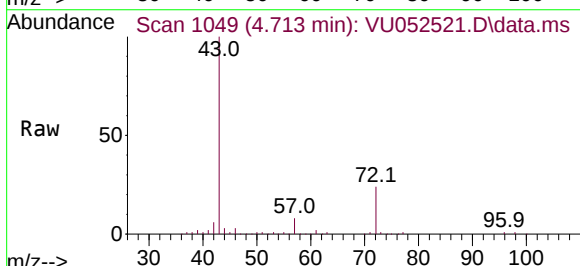
Acq: 23 Dec 2022 03:10

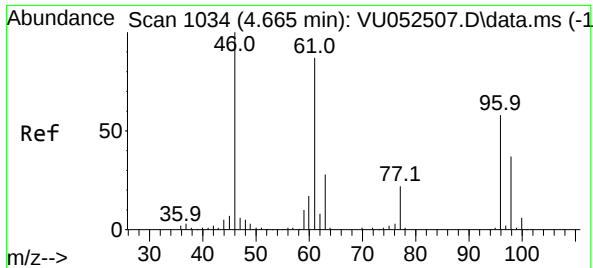
Tgt Ion: 43 Resp: 417309

Ion Ratio Lower Upper

43 100

72 25.6 11.6 34.7

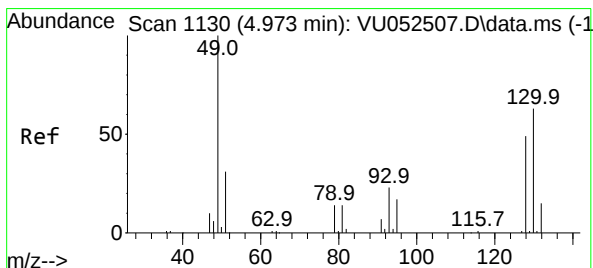
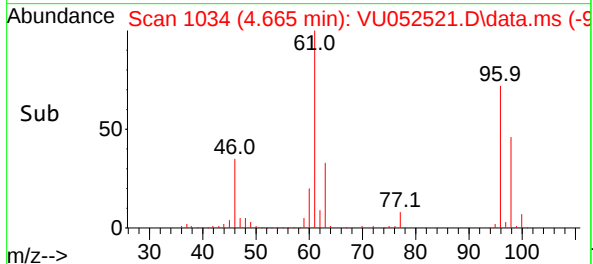
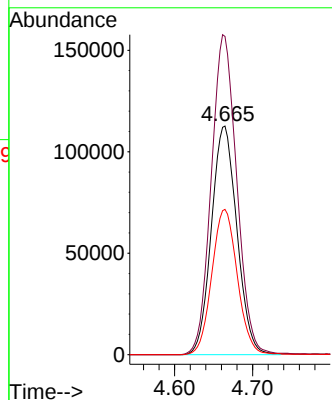
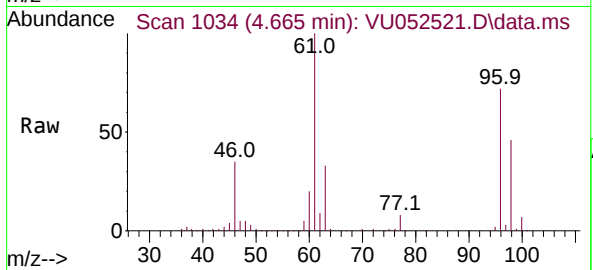




#22
 cis-1,2-Dichloroethene
 Concen: 13.686 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052521.D
 Acq: 23 Dec 2022 03:10

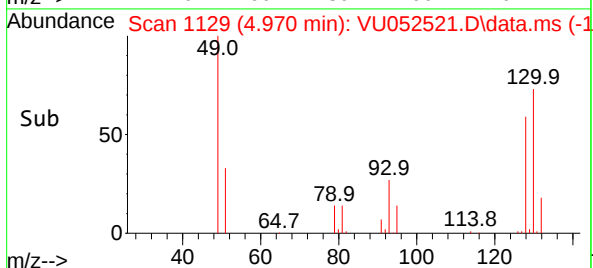
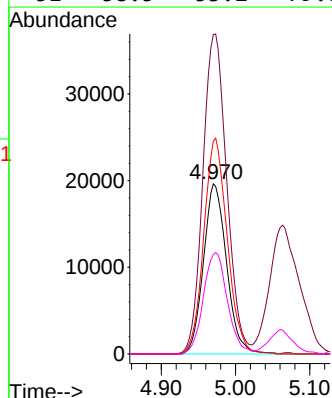
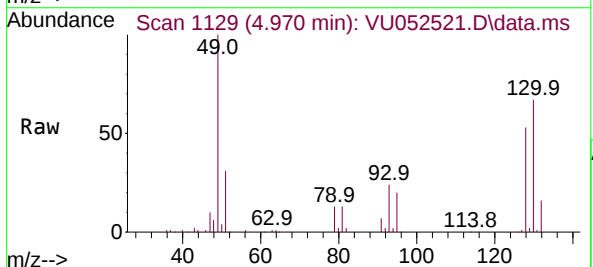
Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB0MS

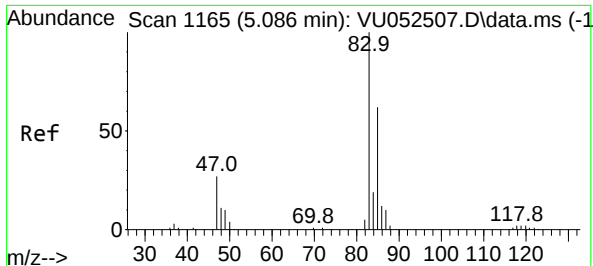
Tgt Ion: 96 Resp: 256867
 Ion Ratio Lower Upper
 96 100
 61 139.2 96.9 180.1
 98 63.5 44.7 83.1



#23
 Bromochloromethane
 Concen: 4.872 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU052521.D
 Acq: 23 Dec 2022 03:10

Tgt Ion:128 Resp: 42376
 Ion Ratio Lower Upper
 128 100
 49 187.7 143.3 266.1
 130 125.1 88.4 164.2
 51 58.5 53.2 79.8





#25

Chloroform

Concen: 4.578 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

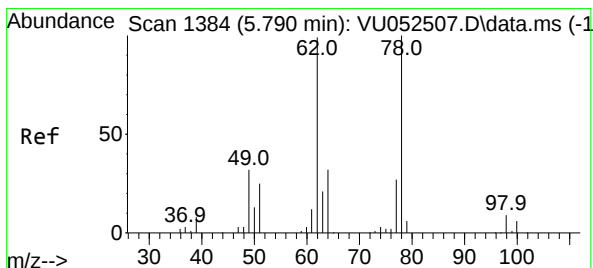
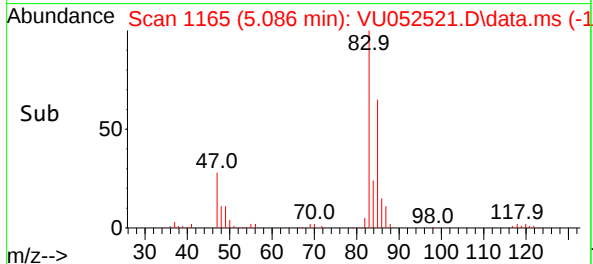
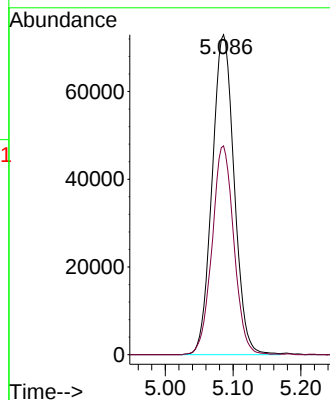
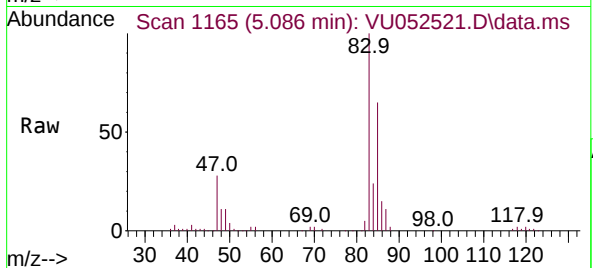
GBQB0MS

Tgt Ion: 83 Resp: 164978

Ion Ratio Lower Upper

83 100

85 65.3 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.700 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU052521.D

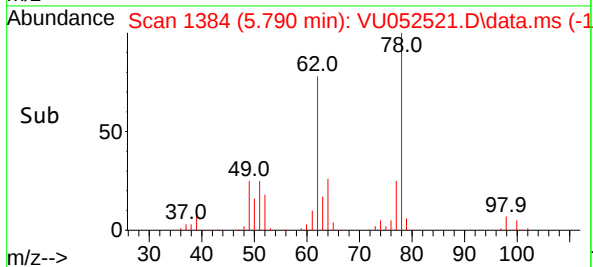
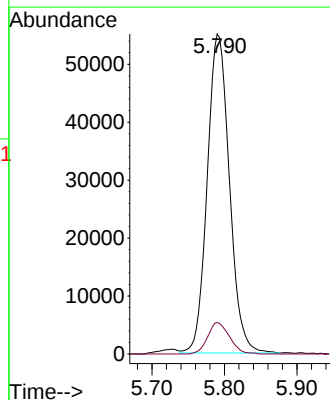
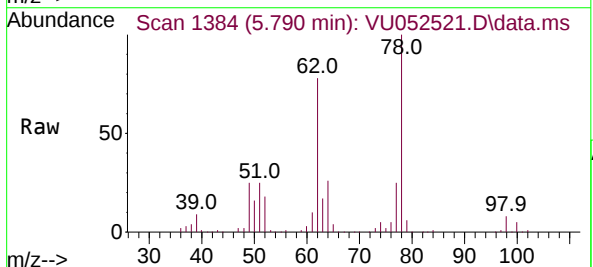
Acq: 23 Dec 2022 03:10

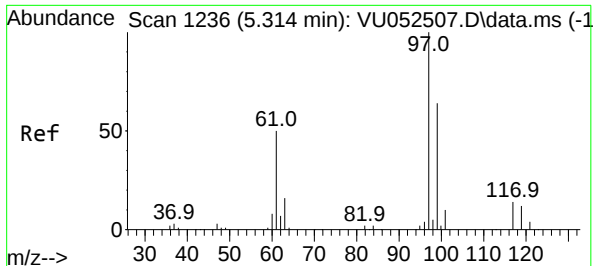
Tgt Ion: 62 Resp: 117021

Ion Ratio Lower Upper

62 100

98 9.9 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.983 ug/L

RT: 5.314 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

GBQB0MS

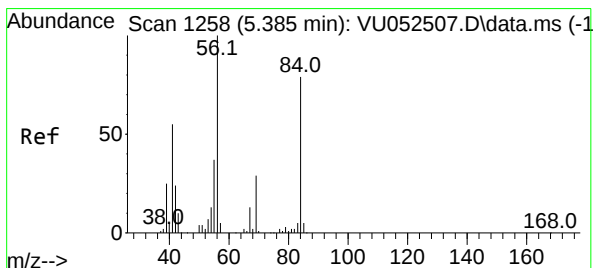
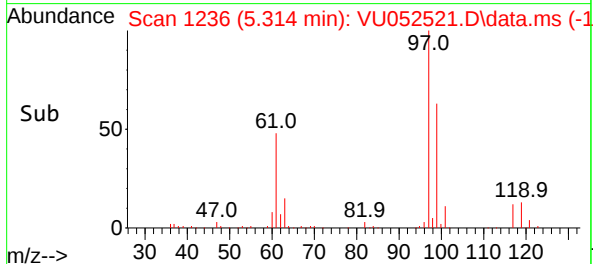
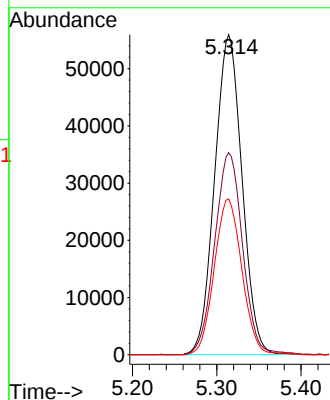
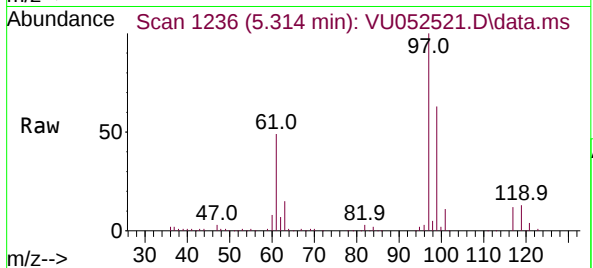
Tgt Ion: 97 Resp: 126281

Ion Ratio Lower Upper

97 100

99 64.5 52.2 78.2

61 48.9 41.6 62.4



#30

Cyclohexane

Concen: 5.871 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

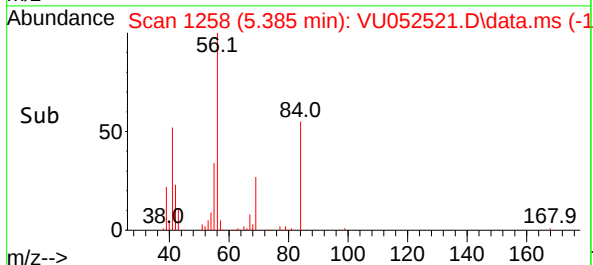
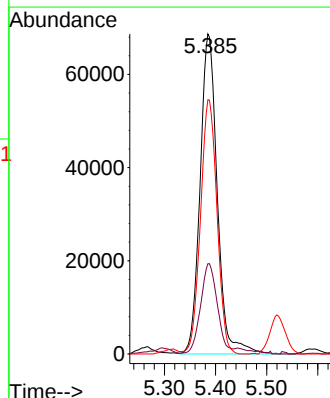
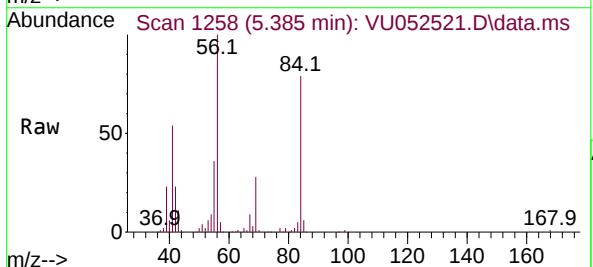
Tgt Ion: 56 Resp: 160769

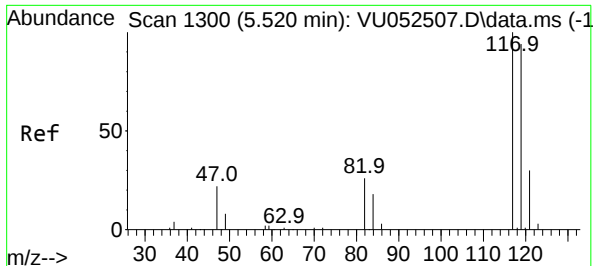
Ion Ratio Lower Upper

56 100

69 27.0 23.0 34.6

84 76.2 64.4 96.6

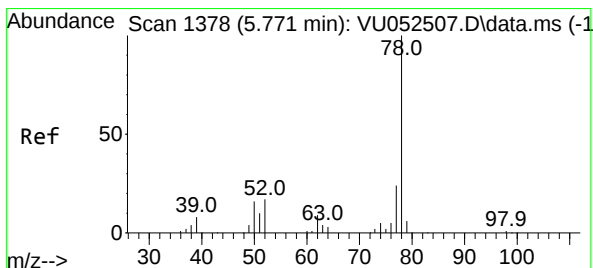
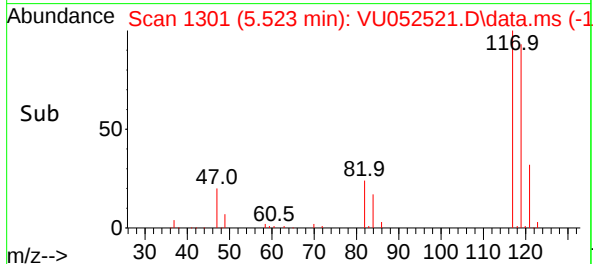
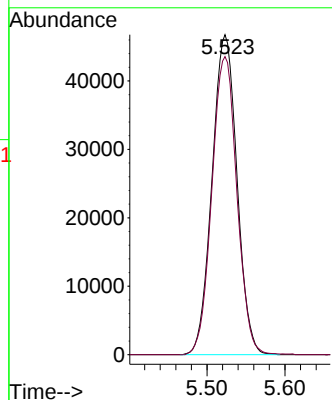
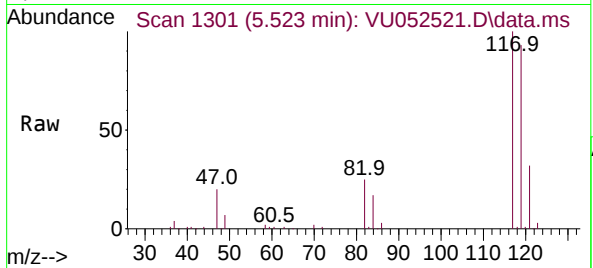




#31
Carbon tetrachloride
Concen: 4.664 ug/L
RT: 5.523 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

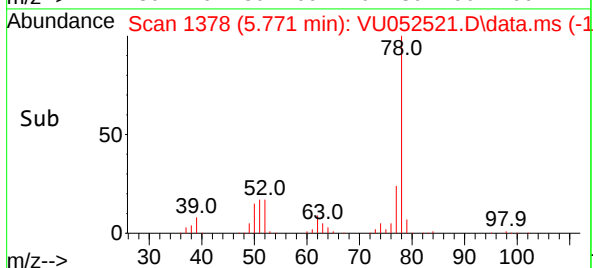
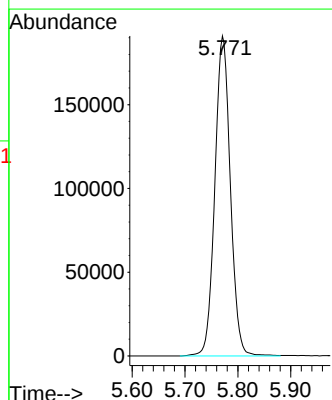
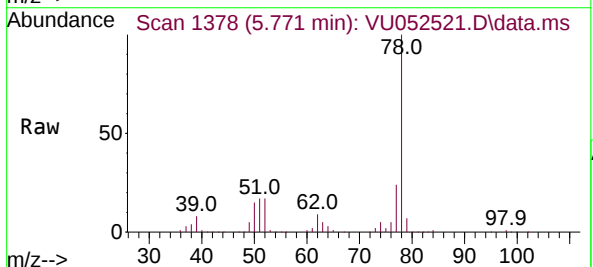
Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

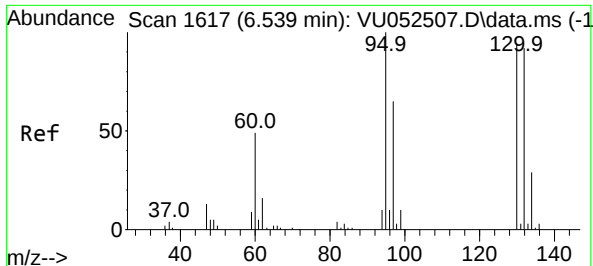
Tgt Ion:117 Resp: 103855
Ion Ratio Lower Upper
117 100
119 93.7 76.3 114.5



#33
Benzene
Concen: 5.377 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 78 Resp: 389940



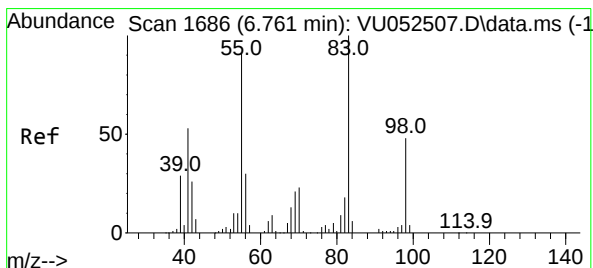
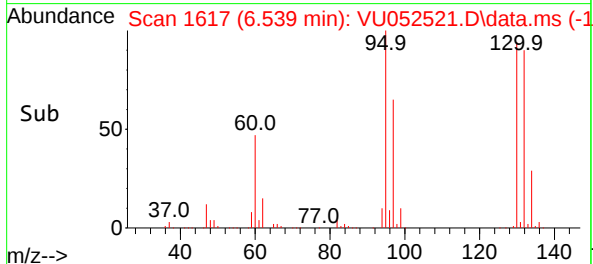
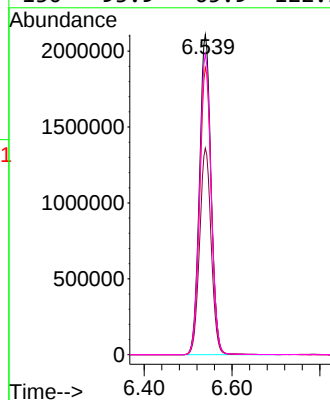
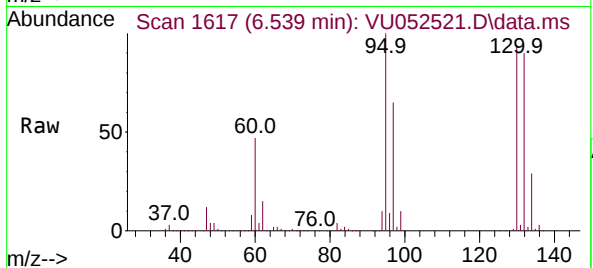


#34
Trichloroethene
Concen: 227.606 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 95 Resp: 3858800

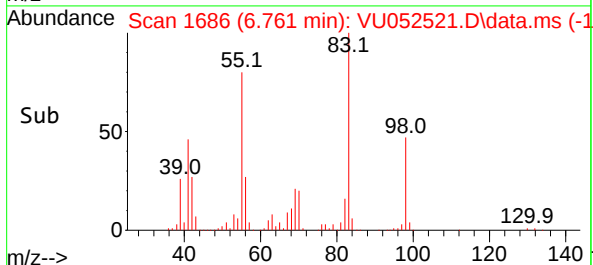
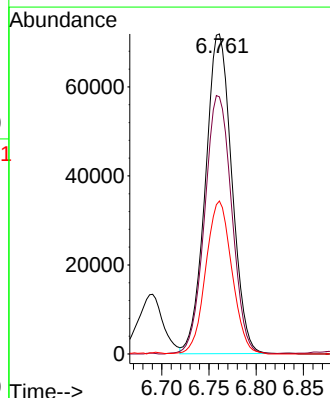
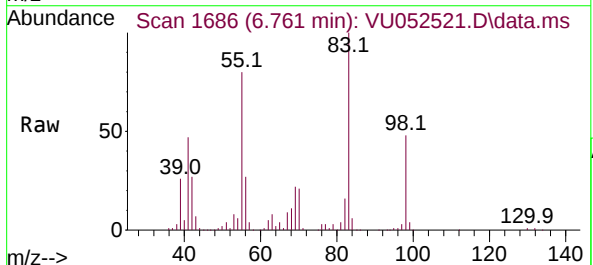
Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.3	86.1
132	89.7	63.9	118.7
130	93.9	65.9	122.5

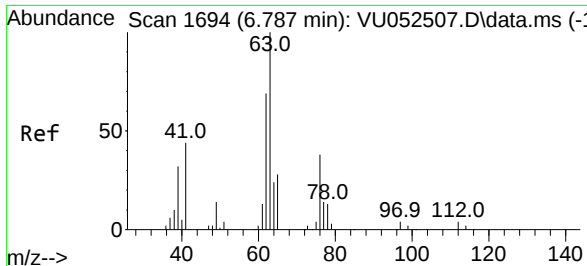


#35
Methylcyclohexane
Concen: 5.475 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 83 Resp: 139966

Ion	Ratio	Lower	Upper
83	100		
55	82.7	71.4	107.0
98	47.3	36.5	54.7

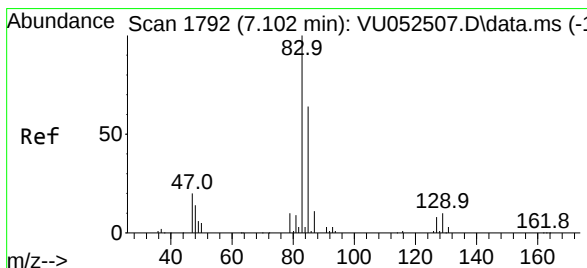
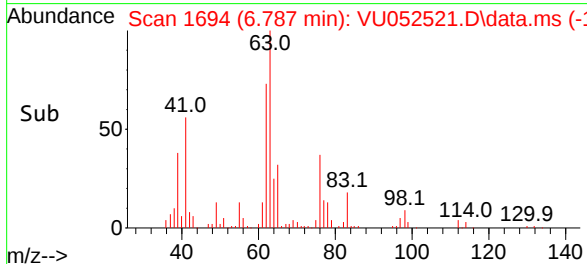
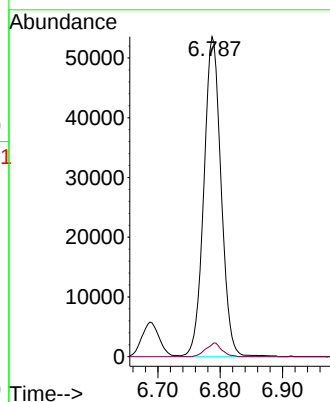
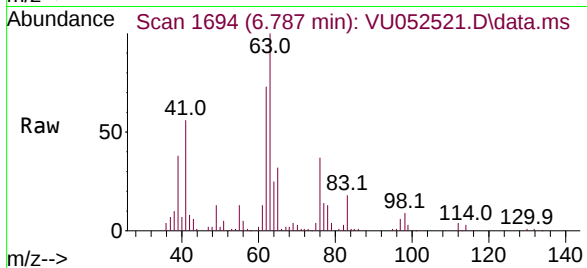




#37
1,2-Dichloropropane
Concen: 5.093 ug/L
RT: 6.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

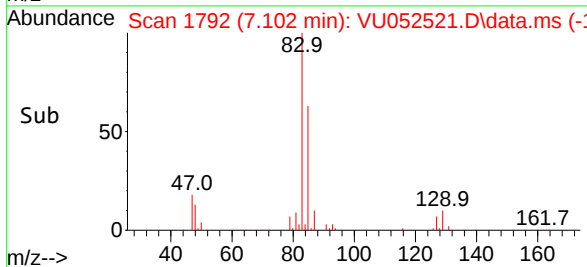
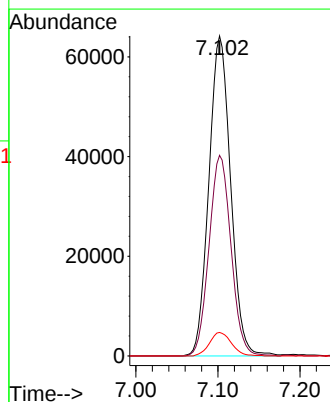
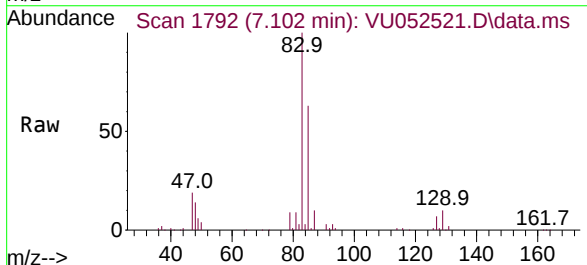
Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

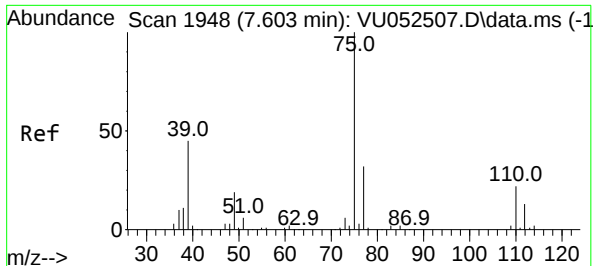
Tgt Ion: 63 Resp: 103064
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.6



#38
Bromodichloromethane
Concen: 4.818 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 83 Resp: 118661
Ion Ratio Lower Upper
83 100
85 62.7 45.2 84.0
127 7.3 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 5.409 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

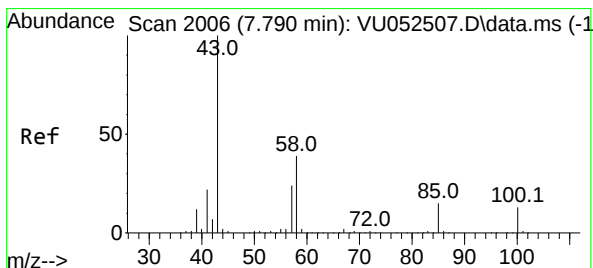
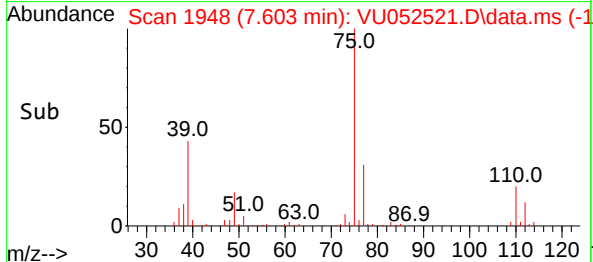
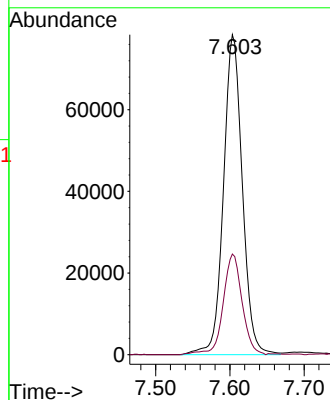
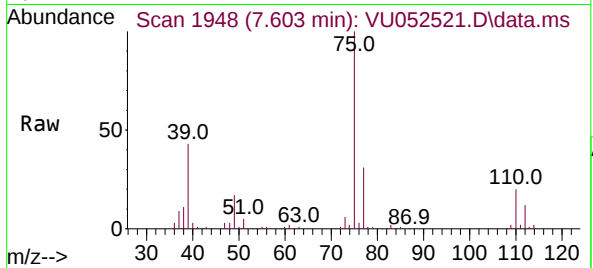
GBQB0MS

Tgt Ion: 75 Resp: 138632

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 61.708 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

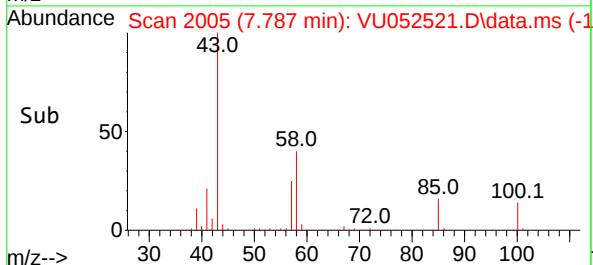
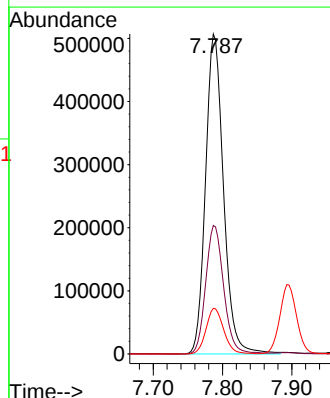
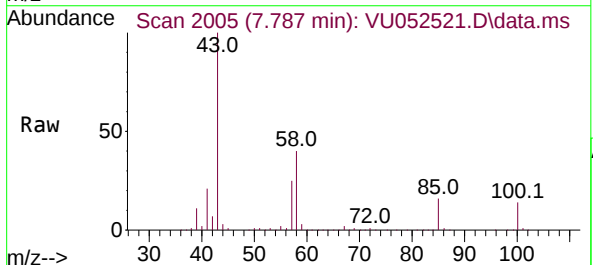
Tgt Ion: 43 Resp: 912549

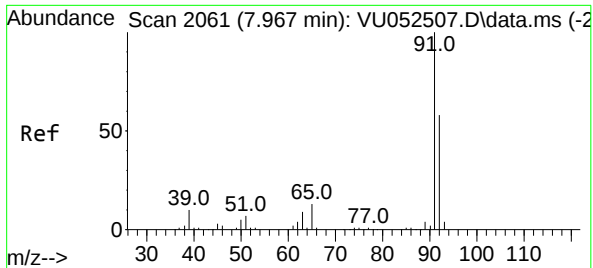
Ion Ratio Lower Upper

43 100

58 40.2 30.6 45.8

100 14.1 10.4 15.6





#42

Toluene

Concen: 5.578 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

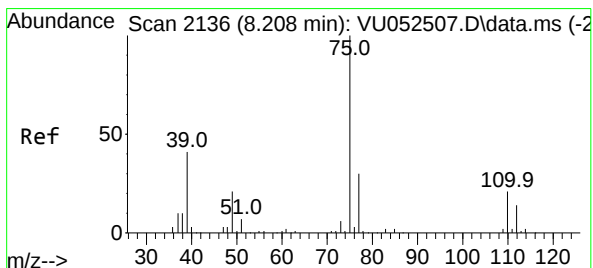
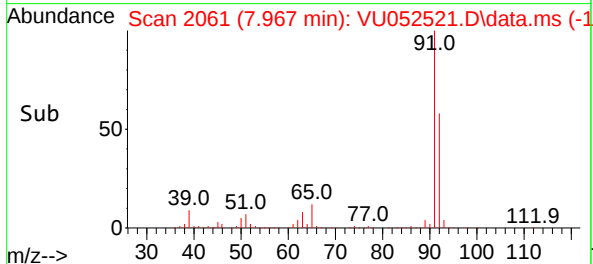
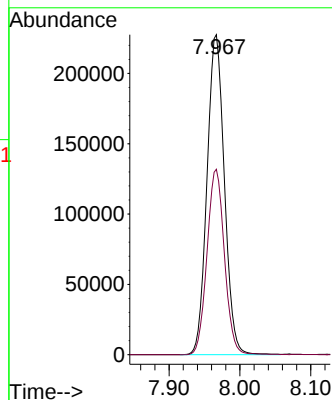
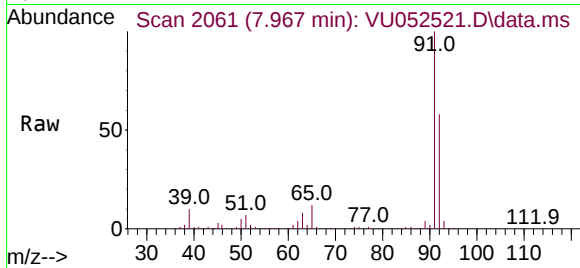
GBQB0MS

Tgt Ion: 91 Resp: 387899

Ion Ratio Lower Upper

91 100

92 58.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.398 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU052521.D

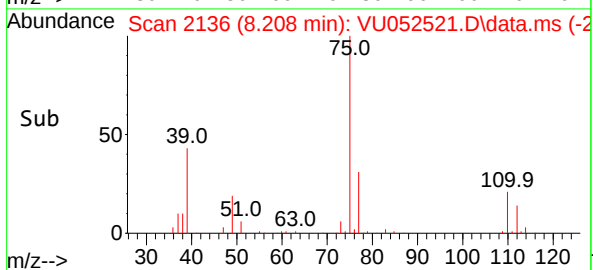
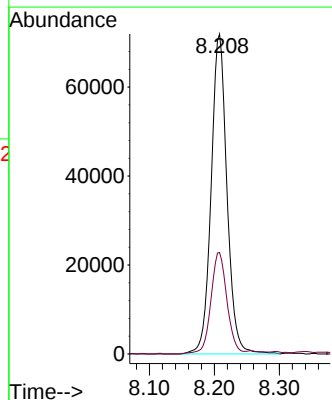
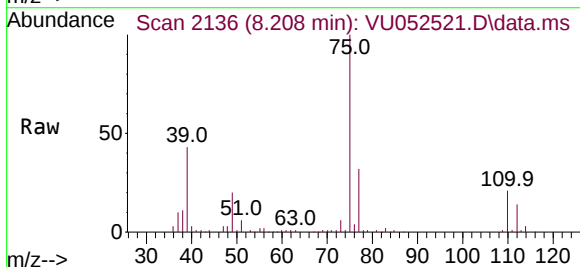
Acq: 23 Dec 2022 03:10

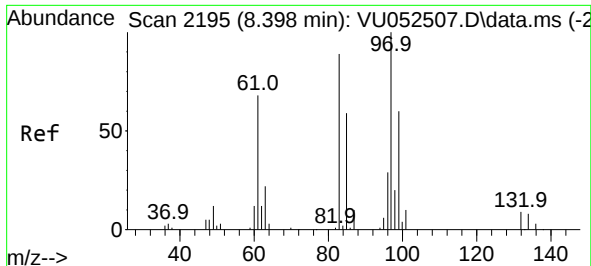
Tgt Ion: 75 Resp: 121915

Ion Ratio Lower Upper

75 100

77 31.7 22.8 42.4

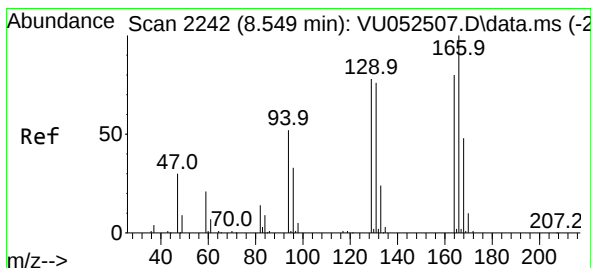
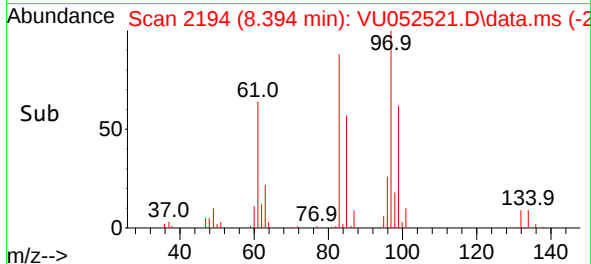
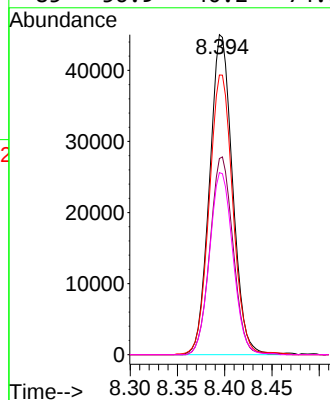
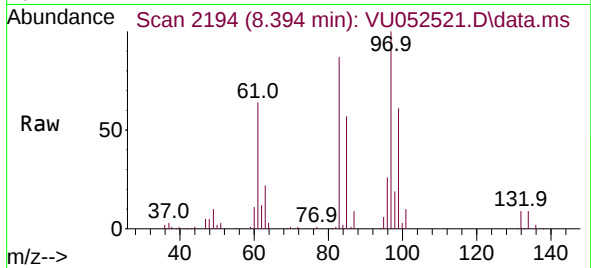




#45
1,1,2-Trichloroethane
Concen: 5.309 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.003 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

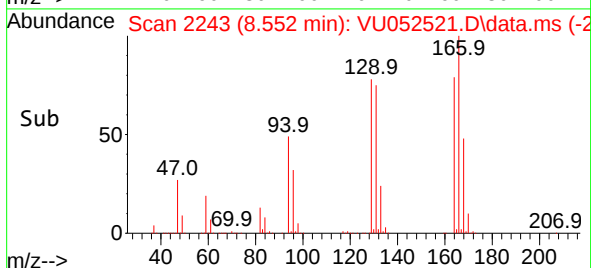
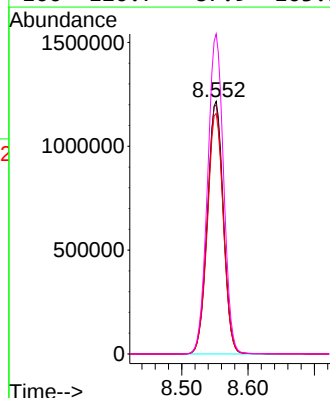
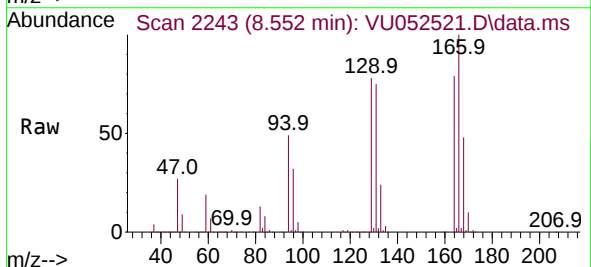
Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

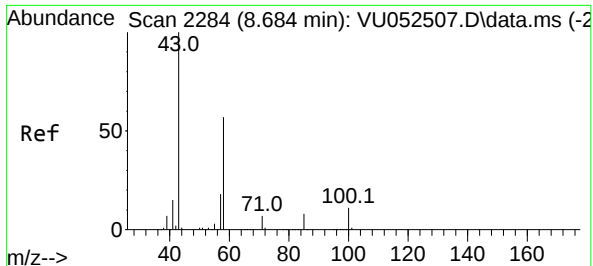
Tgt Ion:	97	Resp:	76096
Ion	Ratio	Lower	Upper
97	100		
99	61.3	42.0	78.0
83	87.4	63.2	117.4
85	56.9	40.2	74.6



#47
Tetrachloroethene
Concen: 171.552 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:	164	Resp:	2030194
Ion	Ratio	Lower	Upper
164	100		
129	98.6	68.1	126.5
131	95.2	66.5	123.5
166	126.7	87.9	163.3

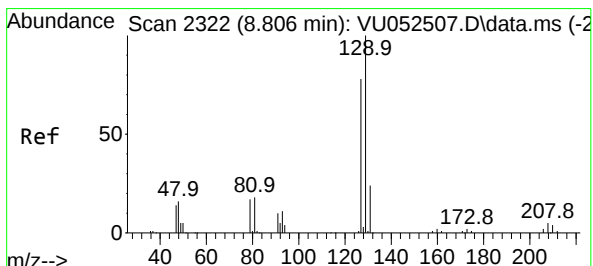
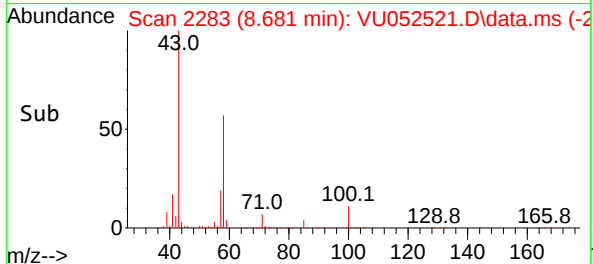
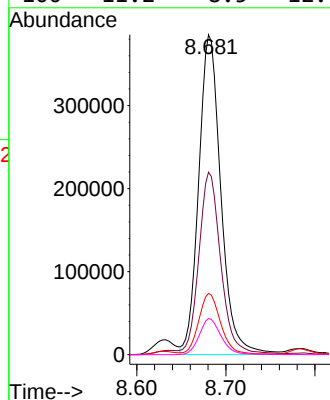
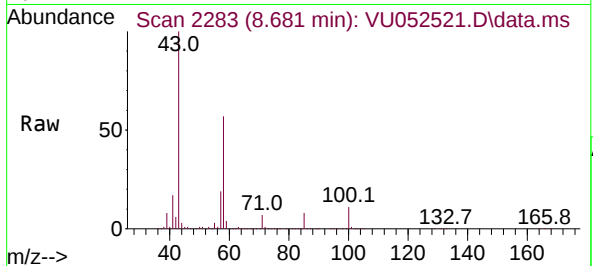




#48
2-Hexanone
Concen: 59.846 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

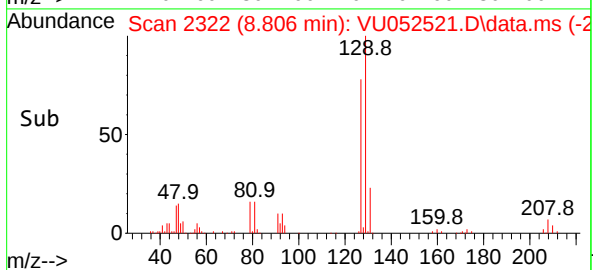
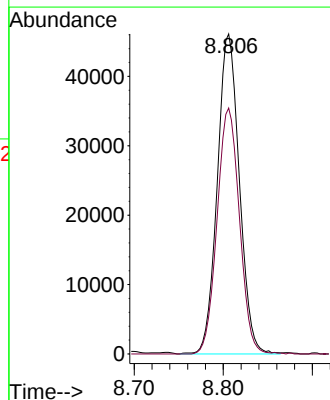
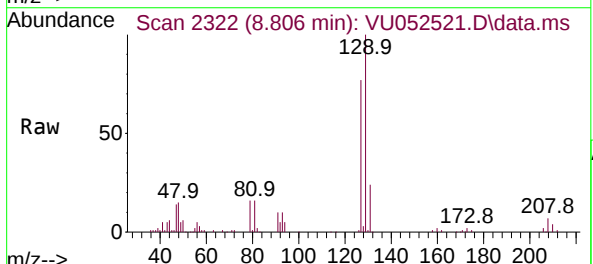
Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

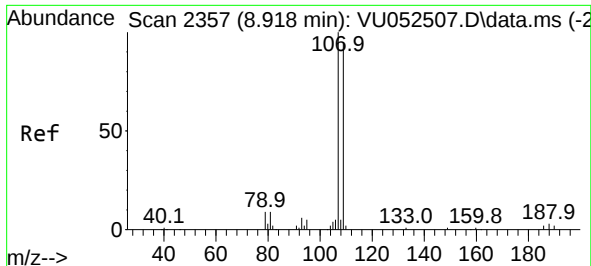
Tgt Ion: 43 Resp: 667101
Ion Ratio Lower Upper
43 100
58 55.9 44.1 66.1
57 19.1 14.6 21.8
100 11.2 8.5 12.7



#49
Dibromochloromethane
Concen: 5.232 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 129 Resp: 79402
Ion Ratio Lower Upper
129 100
127 76.9 54.2 100.6

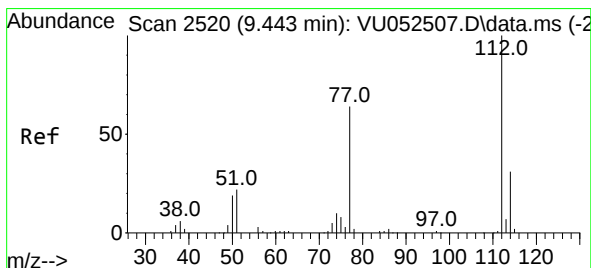
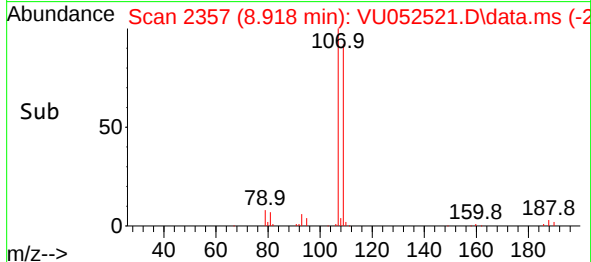
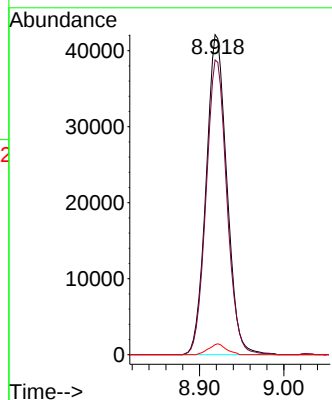
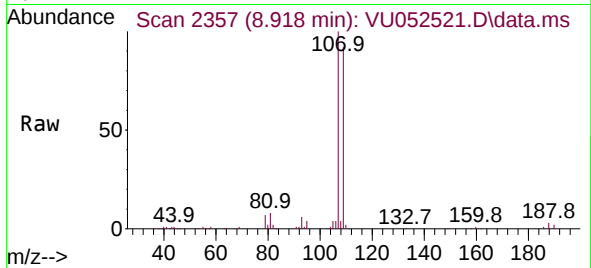




#50
1,2-Dibromoethane
Concen: 5.538 ug/L
RT: 8.918 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

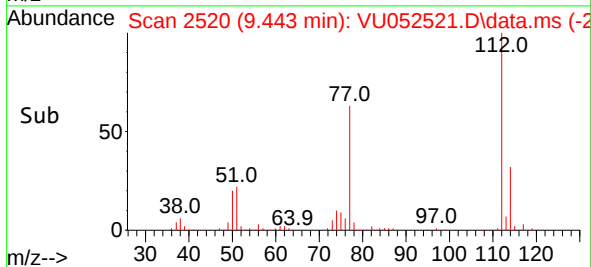
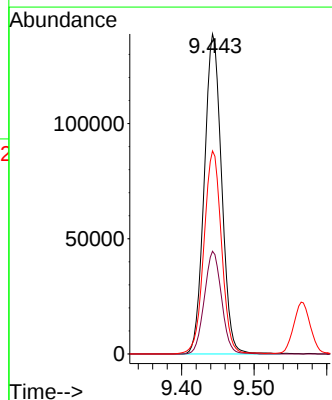
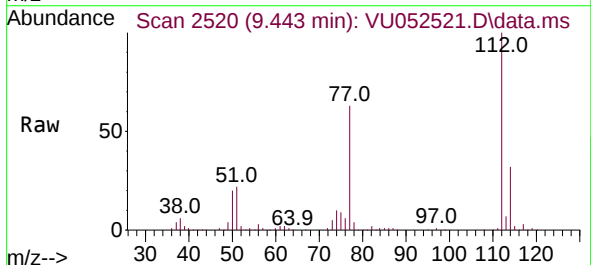
Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

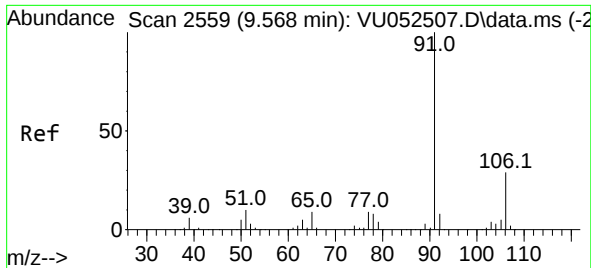
Tgt Ion:107 Resp: 72157
Ion Ratio Lower Upper
107 100
109 92.1 65.8 122.2
188 3.1 2.3 3.5



#51
Chlorobenzene
Concen: 5.190 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:112 Resp: 230436
Ion Ratio Lower Upper
112 100
114 32.1 21.3 39.5
77 63.5 51.0 76.6

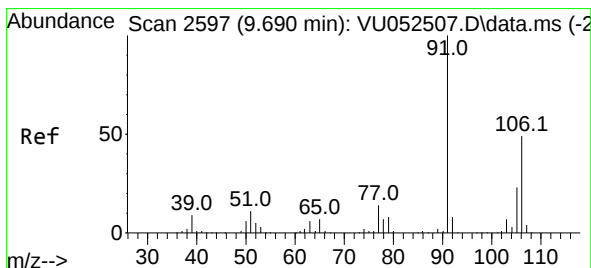
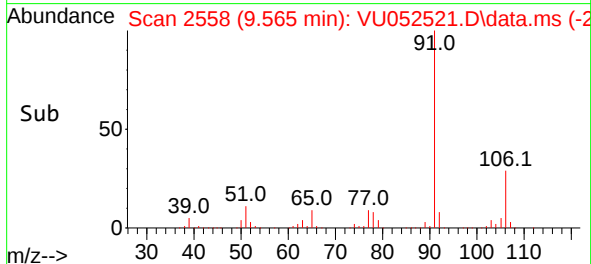
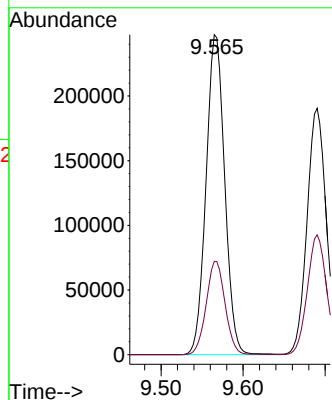
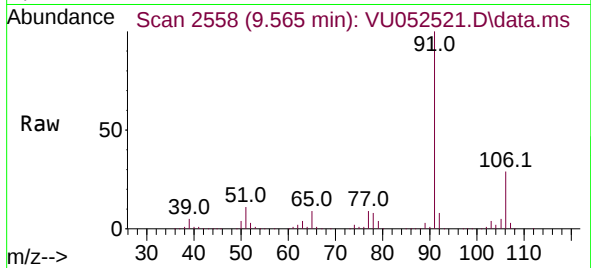




#52
Ethylbenzene
Concen: 5.428 ug/L
RT: 9.565 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

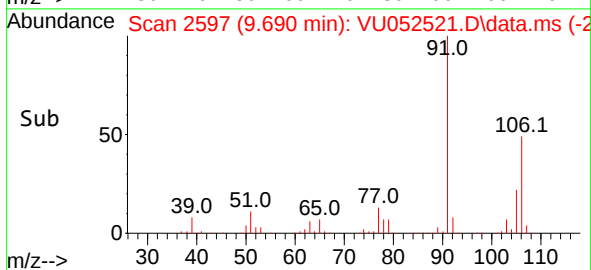
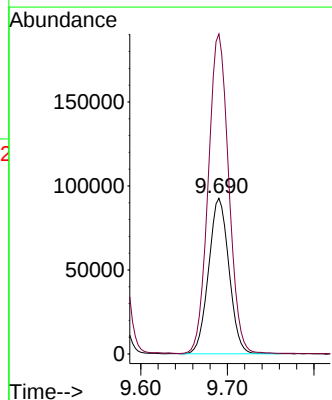
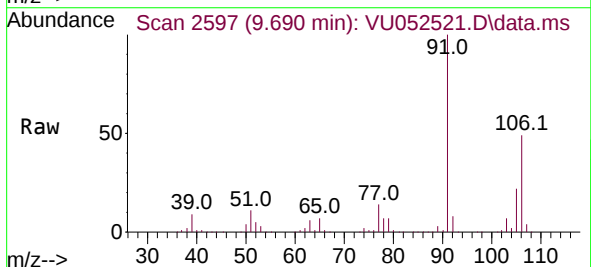
Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

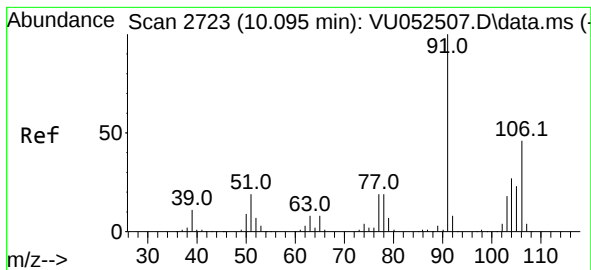
Tgt Ion: 91 Resp: 390610
Ion Ratio Lower Upper
91 100
106 29.2 20.9 38.7



#53
m,p-Xylene
Concen: 5.700 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 106 Resp: 151247
Ion Ratio Lower Upper
106 100
91 205.5 148.2 275.2





#54

o-Xylene

Concen: 5.926 ug/L

RT: 10.095 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

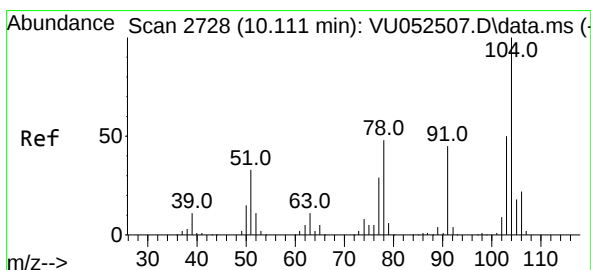
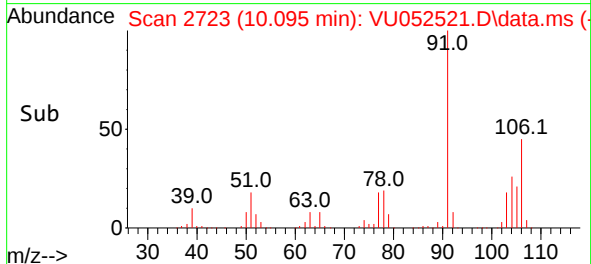
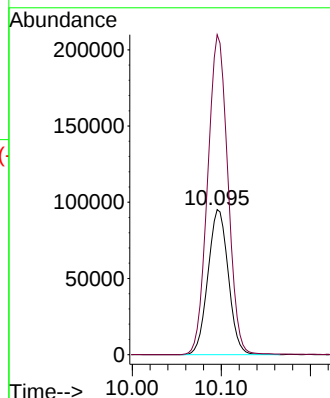
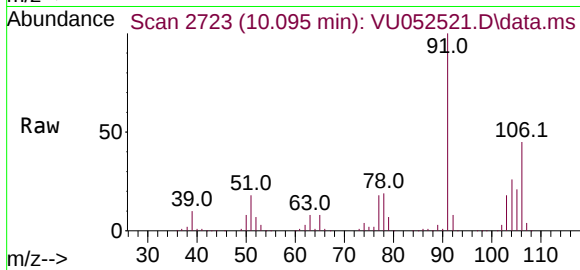
GBQB0MS

Tgt Ion:106 Resp: 150742

Ion Ratio Lower Upper

106 100

91 220.5 153.2 284.4



#55

Styrene

Concen: 5.602 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. 0.000 min

Lab File: VU052521.D

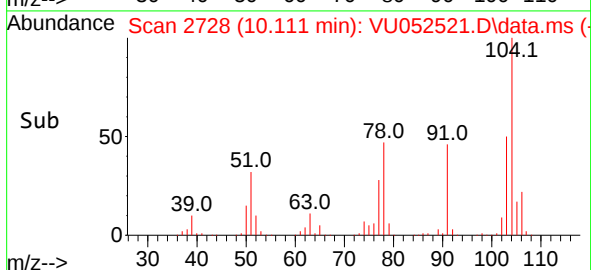
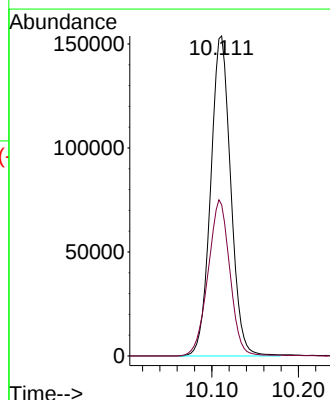
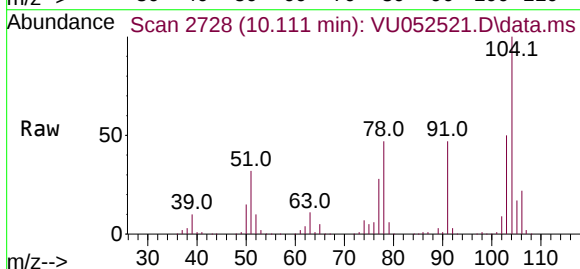
Acq: 23 Dec 2022 03:10

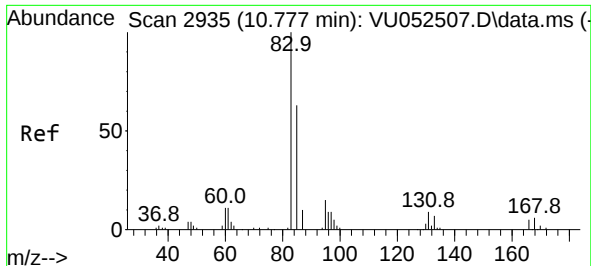
Tgt Ion:104 Resp: 247892

Ion Ratio Lower Upper

104 100

78 47.3 33.4 62.0

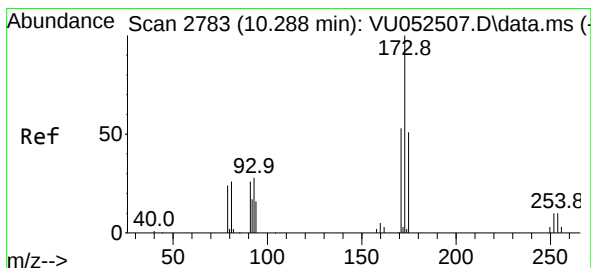
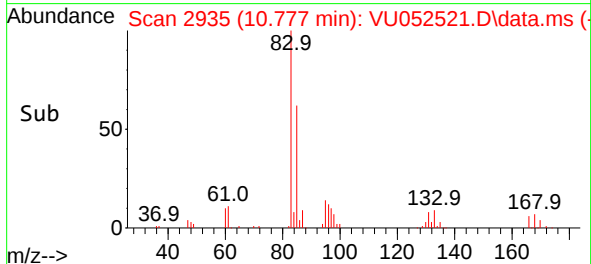
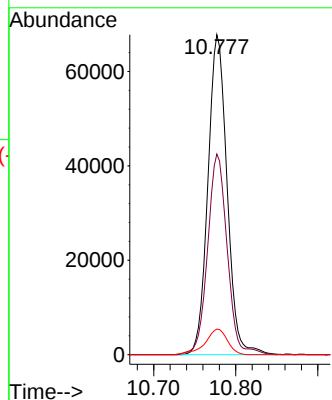
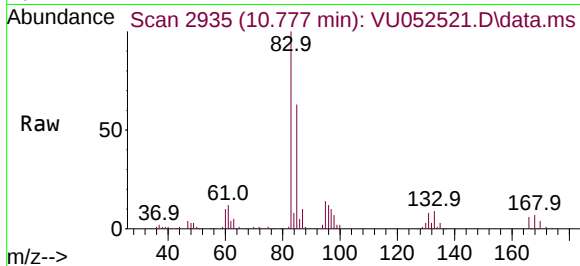




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.543 ug/L
 RT: 10.777 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VU052521.D
 Acq: 23 Dec 2022 03:10

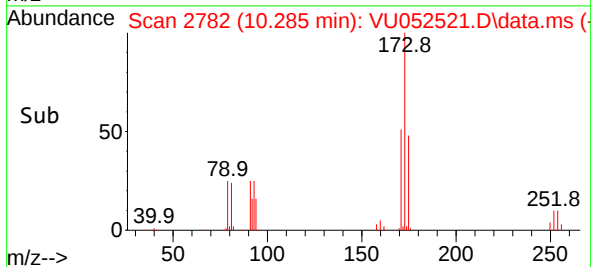
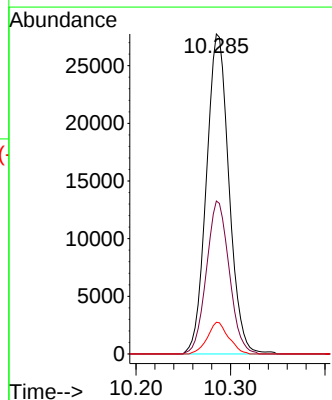
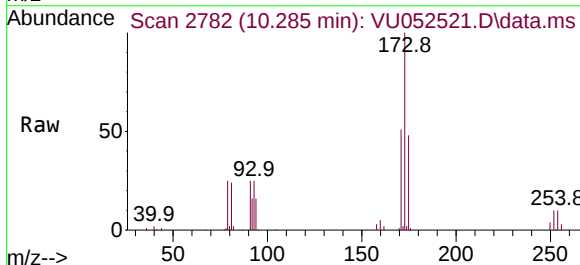
Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB0MS

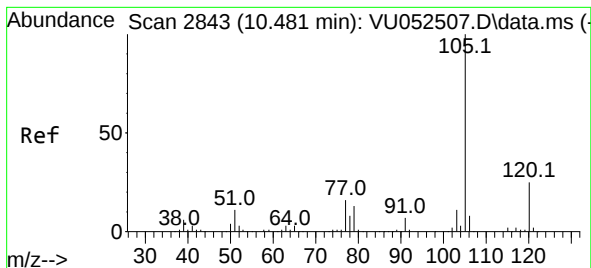
Tgt Ion: 83 Resp: 109827
 Ion Ratio Lower Upper
 83 100
 85 62.7 44.7 83.1
 131 8.0 6.0 9.0



#59
 Bromoform
 Concen: 4.967 ug/L
 RT: 10.285 min Scan# 2782
 Delta R.T. -0.003 min
 Lab File: VU052521.D
 Acq: 23 Dec 2022 03:10

Tgt Ion: 173 Resp: 46051
 Ion Ratio Lower Upper
 173 100
 175 48.1 38.9 58.3
 254 9.3 7.0 10.6





#60

Isopropylbenzene

Concen: 5.433 ug/L

RT: 10.481 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

GBQB0MS

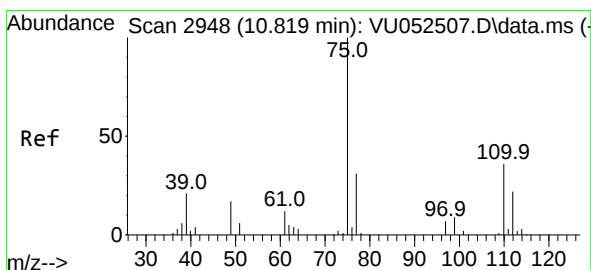
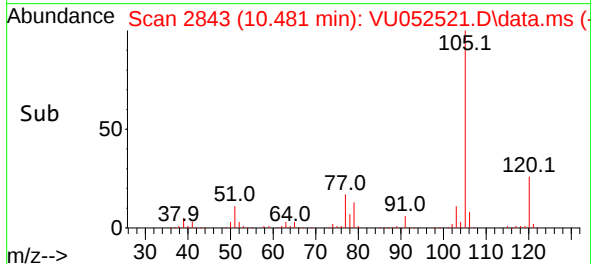
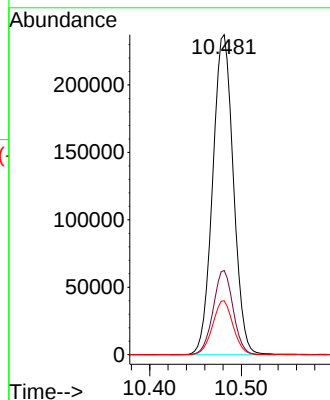
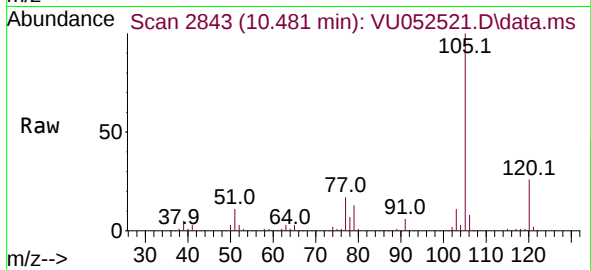
Tgt Ion:105 Resp: 371639

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 16.7 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 5.310 ug/L

RT: 10.819 min Scan# 2948

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

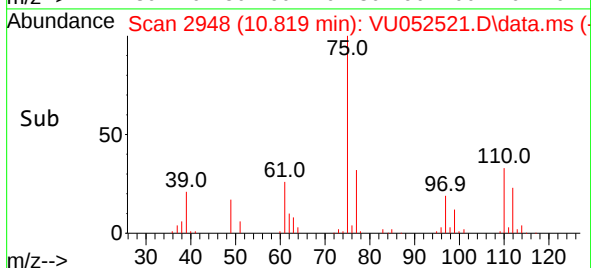
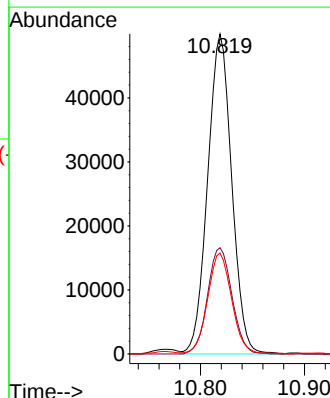
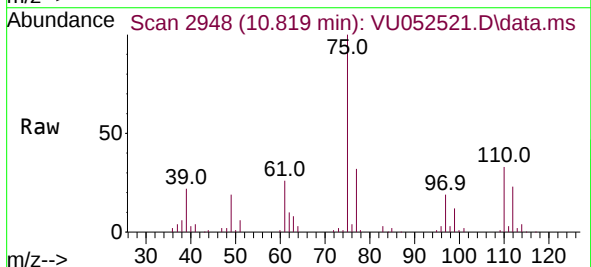
Tgt Ion: 75 Resp: 80367

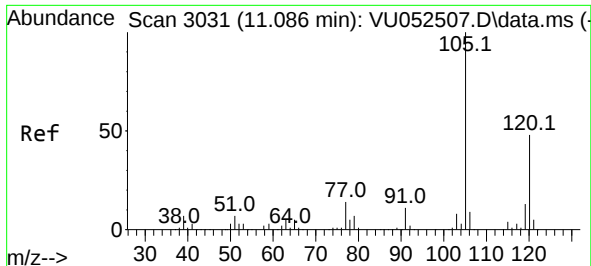
Ion Ratio Lower Upper

75 100

110 33.6 27.9 41.9

77 30.8 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 5.461 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

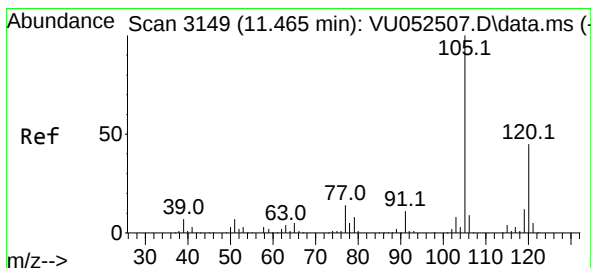
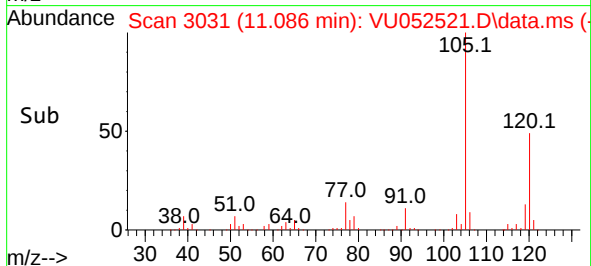
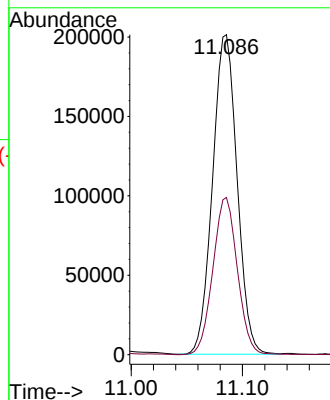
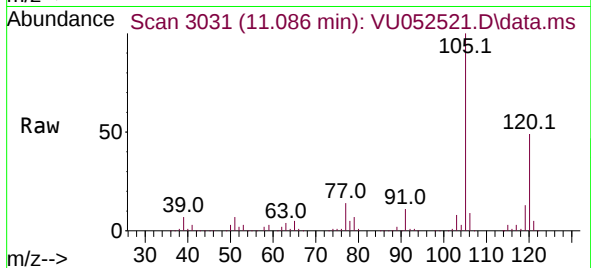
GBQB0MS

Tgt Ion:105 Resp: 308087

Ion Ratio Lower Upper

105 100

120 49.1 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 5.572 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU052521.D

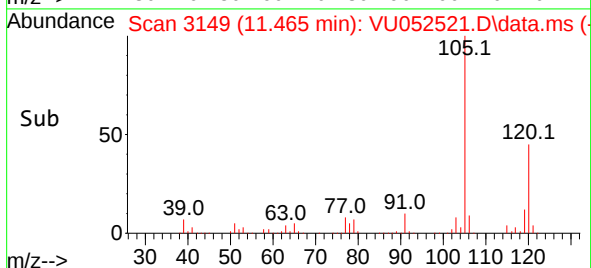
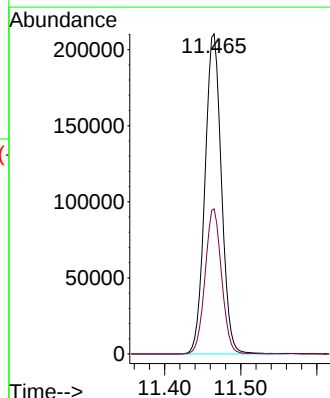
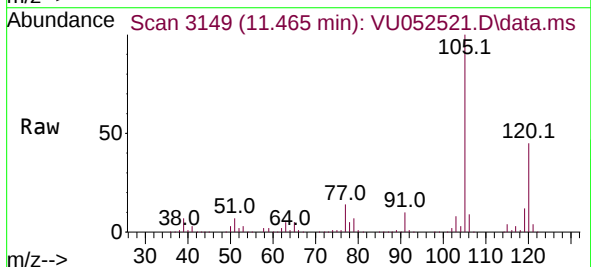
Acq: 23 Dec 2022 03:10

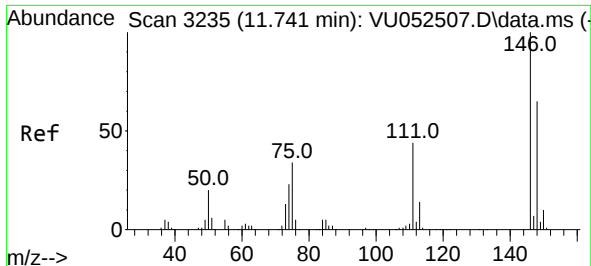
Tgt Ion:105 Resp: 316426

Ion Ratio Lower Upper

105 100

120 45.3 35.6 53.4

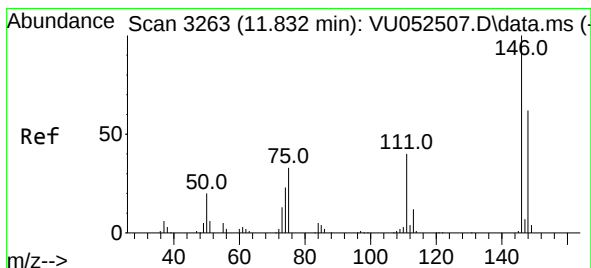
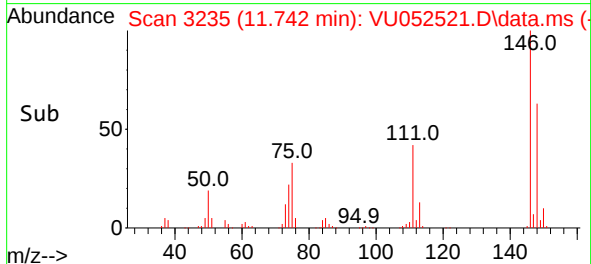
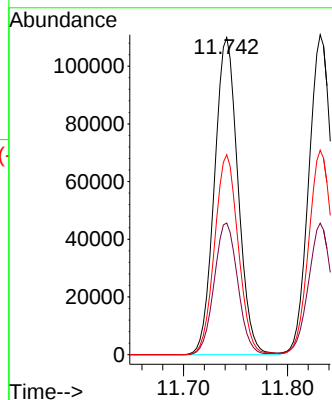
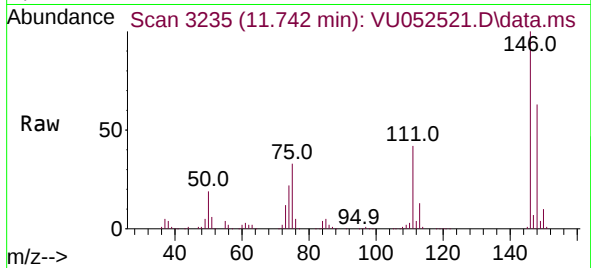




#64
1,3-Dichlorobenzene
Concen: 5.102 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

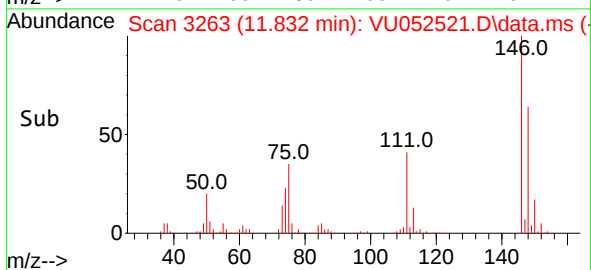
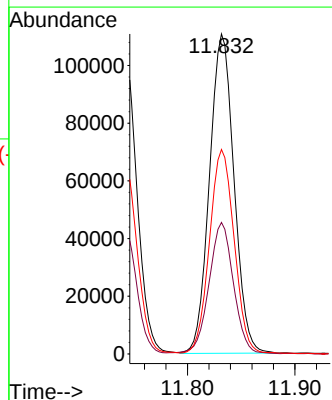
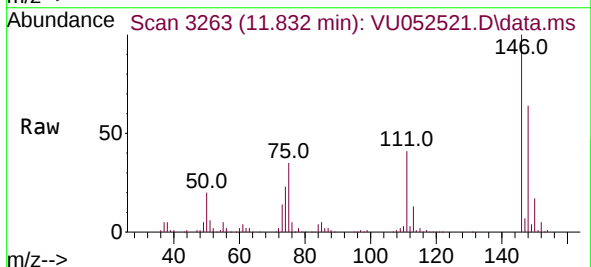
Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

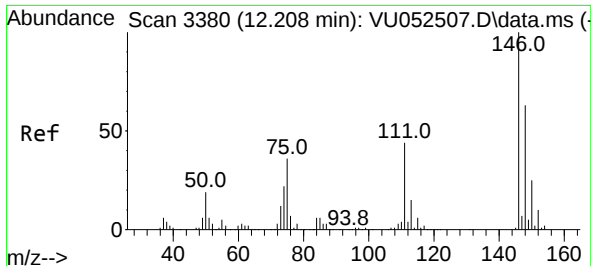
Tgt Ion:146 Resp: 173153
Ion Ratio Lower Upper
146 100
111 41.6 29.9 55.5
148 63.1 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.993 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:146 Resp: 175233
Ion Ratio Lower Upper
146 100
111 41.1 27.5 51.1
148 63.9 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 5.060 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

GBQB0MS

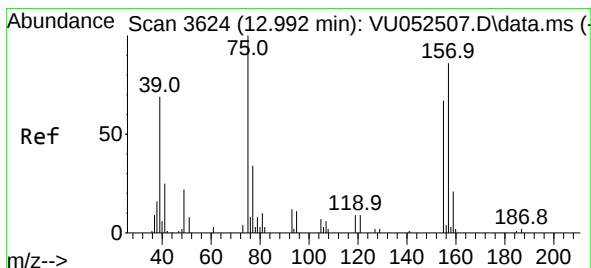
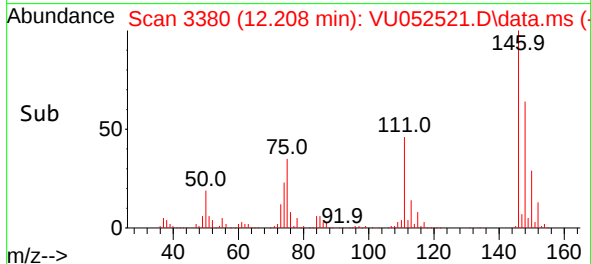
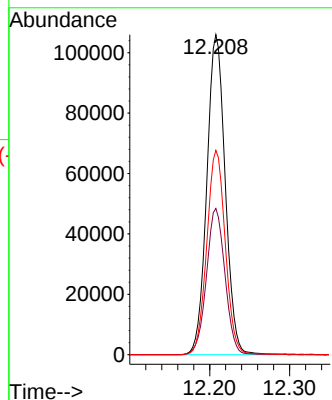
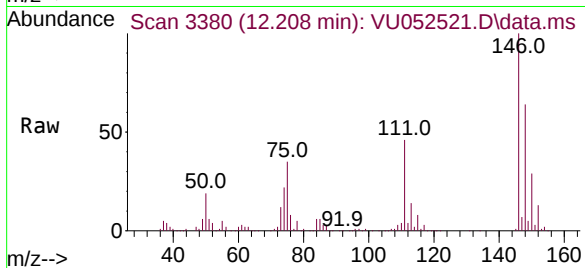
Tgt Ion:146 Resp: 169667

Ion Ratio Lower Upper

146 100

111 45.7 36.6 55.0

148 63.9 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.582 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

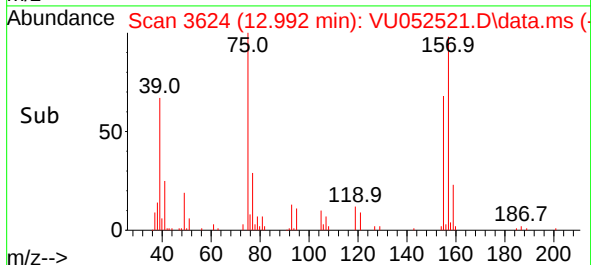
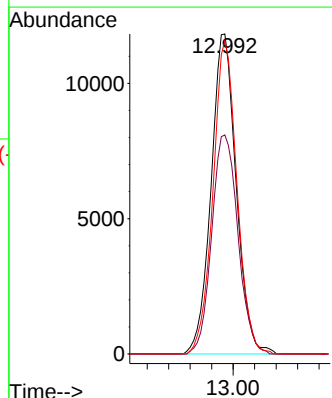
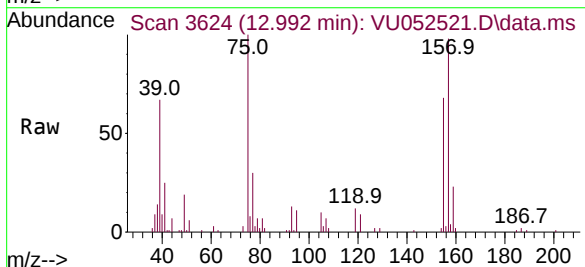
Tgt Ion: 75 Resp: 19124

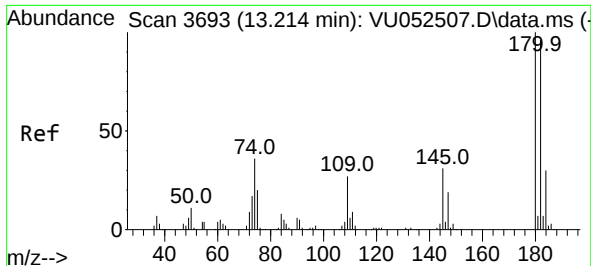
Ion Ratio Lower Upper

75 100

155 68.4 62.2 93.2

157 97.9 73.0 109.4





#69

1,3,5-Trichlorobenzene

Concen: 4.961 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

GBQB0MS

Tgt Ion:180 Resp: 123966

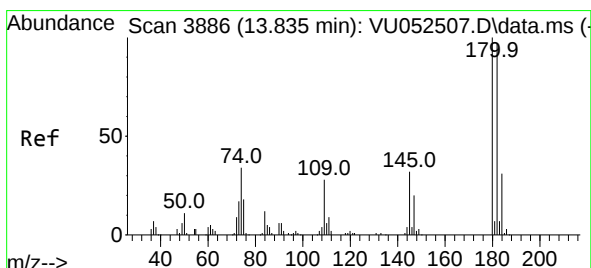
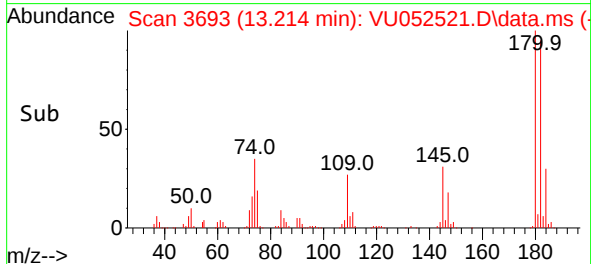
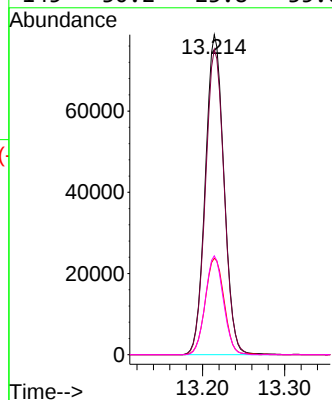
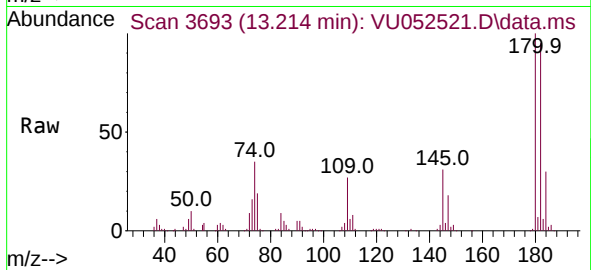
Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.8

184 30.7 23.4 35.0

145 30.2 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 5.389 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

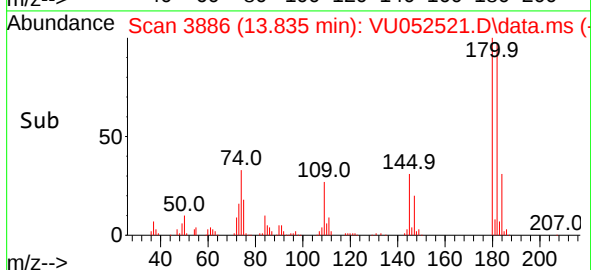
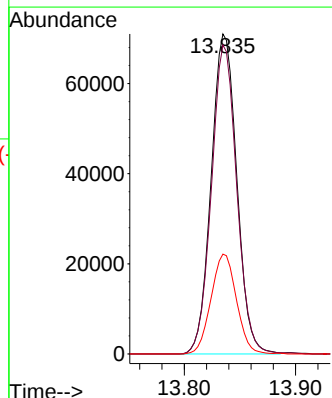
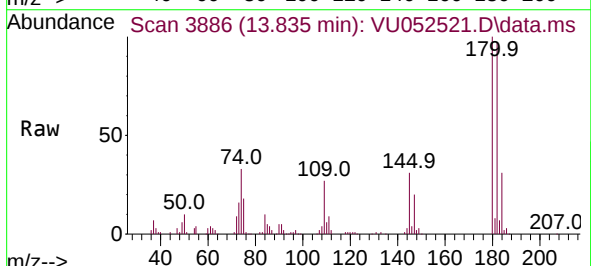
Tgt Ion:180 Resp: 113325

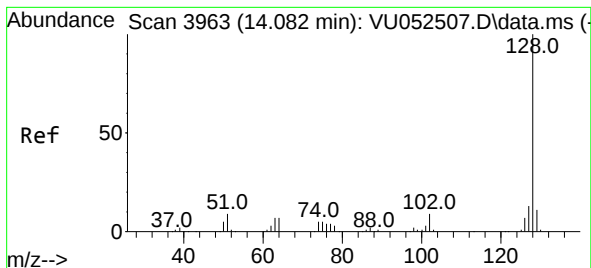
Ion Ratio Lower Upper

180 100

182 95.5 77.7 116.5

145 30.9 24.0 36.0





#71

Naphthalene

Concen: 6.293 ug/L

RT: 14.082 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

GBQB0MS

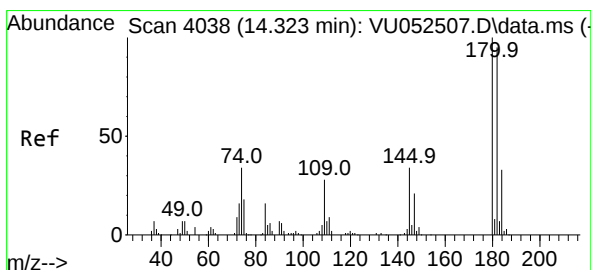
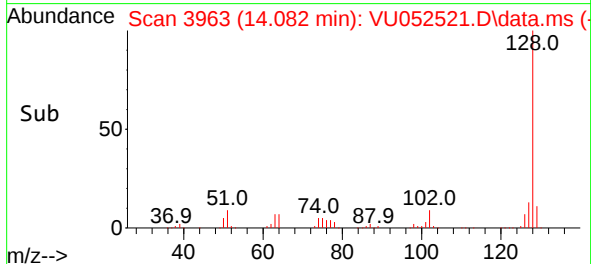
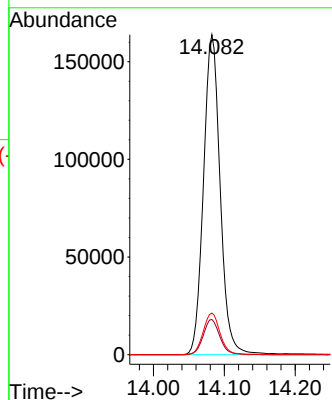
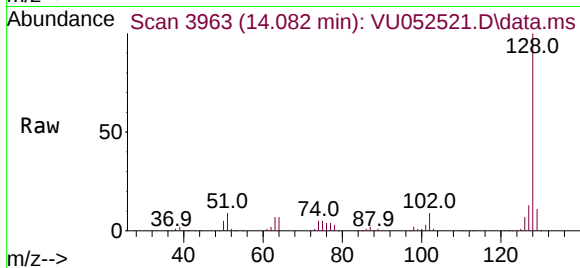
Tgt Ion:128 Resp: 267752

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.1 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.324 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. 0.003 min

Lab File: VU052521.D

Acq: 23 Dec 2022 03:10

Tgt Ion:180 Resp: 112218

Ion Ratio Lower Upper

180 100

182 96.7 76.3 114.5

145 33.3 25.8 38.8

