

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092122\
 Data File : VU050877.D
 Acq On : 21 Sep 2022 12:46
 Operator : JC/MD
 Sample : N4651-05MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ25MSD

Quant Time: Sep 22 02:13:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 02:11:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	315835	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	287664	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	122899	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	121303	37.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.140%
7) Chloroethane-d5	1.903	69	108553	46.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.160%
11) 1,1-Dichloroethene-d2	2.565	63	217843	42.784	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.560%
21) 2-Butanone-d5	4.620	46	323470	153.117	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	153.120%#
24) Chloroform-d	5.060	84	244855	47.748	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.500%
26) 1,2-Dichloroethane-d4	5.700	65	160641	50.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.660%
32) Benzene-d6	5.726	84	443476	46.804	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.691	67	160158	50.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.160%
41) Toluene-d8	7.896	98	340011	41.052	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.100%
43) trans-1,3-Dichloroprop...	8.179	79	65879	47.350	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.700%
47) 2-Hexanone-d5	8.633	63	190403	144.463	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	144.460%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	267656	54.892	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.780%
66) 1,2-Dichlorobenzene-d4	12.192	152	112768	43.824	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	219007	66.967	ug/L	100
3) Chloromethane	1.520	50	242617	63.813	ug/L	98
5) Vinyl chloride	1.601	62	273124	73.379	ug/L	98
6) Bromomethane	1.851	94	132204	70.307	ug/L	97
8) Chloroethane	1.925	64	144550	70.142	ug/L	99
9) Trichlorofluoromethane	2.131	101	282045	69.859	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	182408	70.587	ug/L	99
12) 1,1-Dichloroethene	2.575	96	162762	67.033	ug/L	86
13) Acetone	2.630	43	282254	157.790	ug/L	100
14) Carbon disulfide	2.790	76	518219	67.493	ug/L	99
15) Methyl Acetate	2.948	43	281887	83.504	ug/L	99
16) Methylene chloride	3.041	84	198441	58.859	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	176481	70.914	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	535078	70.528	ug/L	99
19) 1,1-Dichloroethane	3.864	63	603173	119.949	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	426991	154.742	ug/L	100
22) 2-Butanone	4.700	43	451086	191.311	ug/L	99
23) Bromochloromethane	4.970	128	97297	67.278	ug/L	98
25) Chloroform	5.086	83	339366	67.717	ug/L	99

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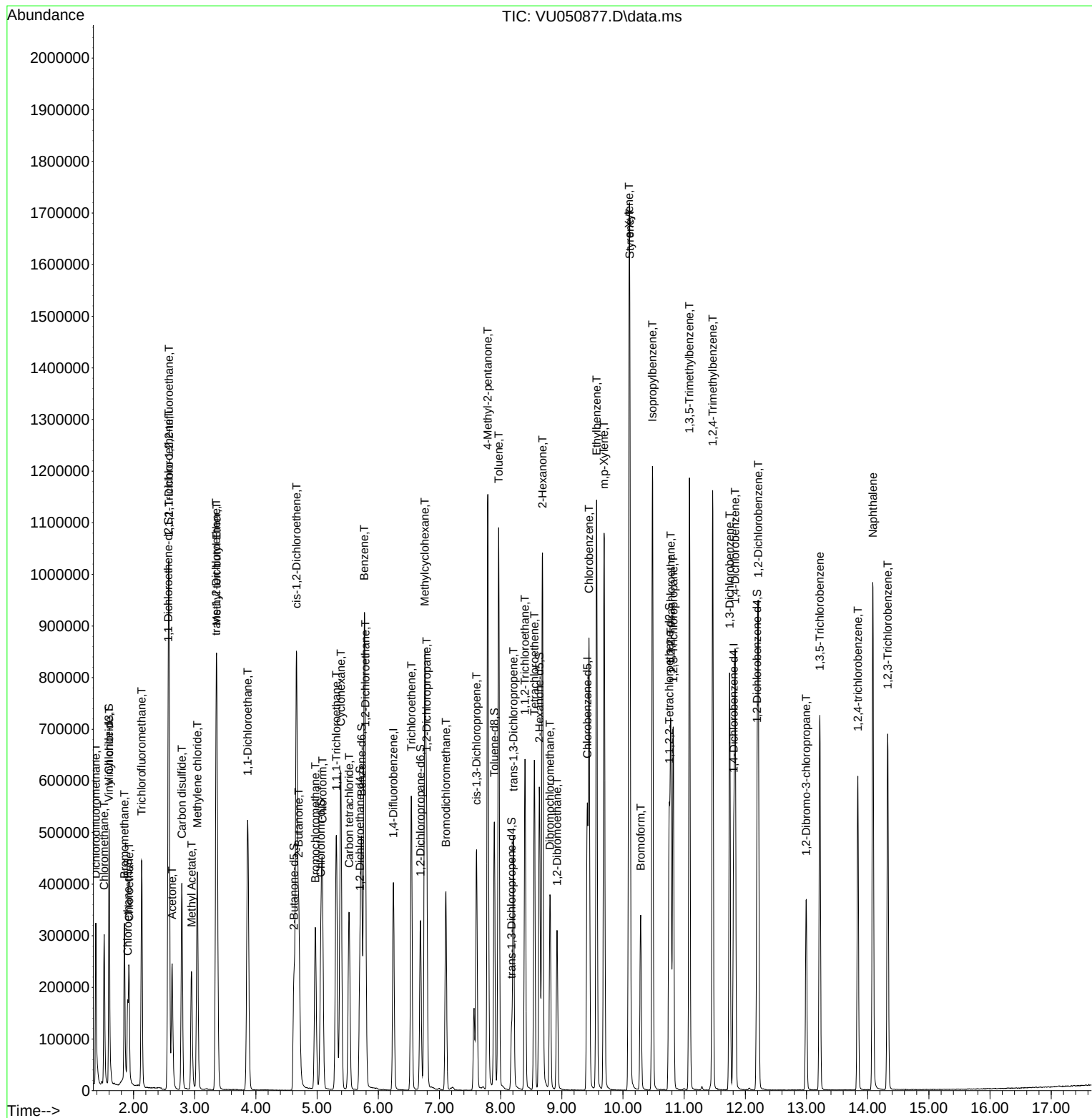
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	262722	68.983	ug/L	100
29) Cyclohexane	5.385	56	304780	76.989	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	357757	93.482	ug/L	98
31) Carbon tetrachloride	5.523	117	235229	73.989	ug/L	100
33) Benzene	5.771	78	783277	73.989	ug/L	100
34) Trichloroethene	6.539	95	202135	82.199	ug/L	98
35) Methylcyclohexane	6.761	83	310888	78.462	ug/L	99
37) 1,2-Dichloropropane	6.790	63	207378	71.586	ug/L	100
38) Bromodichloromethane	7.105	83	252467	73.148	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	279359	72.064	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	733296	183.676	ug/L	100
42) Toluene	7.967	91	803072	76.414	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	270862	73.451	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	198672	74.419	ug/L	99
46) Tetrachloroethene	8.552	164	138787	78.537	ug/L	99
48) 2-Hexanone	8.684	43	637758	191.175	ug/L	99
49) Dibromochloromethane	8.806	129	193142	73.786	ug/L	97
50) 1,2-Dibromoethane	8.922	107	206157	74.430	ug/L	98
51) Chlorobenzene	9.443	112	454952	70.909	ug/L	99
52) Ethylbenzene	9.568	91	781351	74.526	ug/L	99
53) m,p-Xylene	9.690	106	297924	76.433	ug/L	99
54) o-Xylene	10.099	106	294588	75.852	ug/L	100
55) Styrene	10.112	104	512426	76.956	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	358471	72.568	ug/L	100
59) Bromoform	10.288	173	147493	83.148	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	298449	86.335	ug/L	100
61) Isopropylbenzene	10.481	105	750805	85.485	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	618456	85.659	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	614100	85.887	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	320912	79.901	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	321675	78.890	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	335395	78.867	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.993	75	95624	100.576	ug/L	97
69) 1,3,5-Trichlorobenzene	13.218	180	222915	79.326	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	181874	79.087	ug/L	99
71) Naphthalene	14.083	128	768221	86.921	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	209624	81.446	ug/L	100

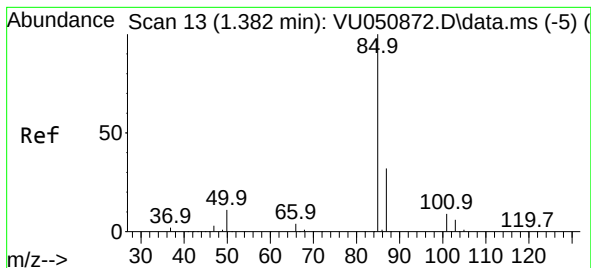
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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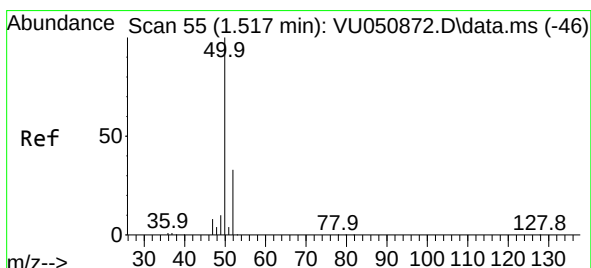
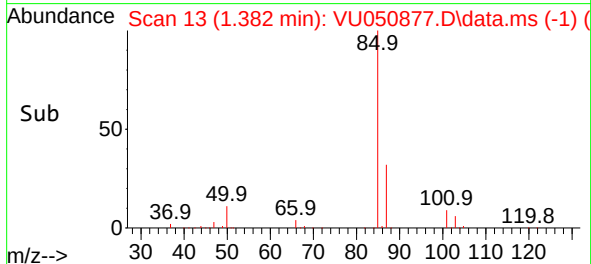
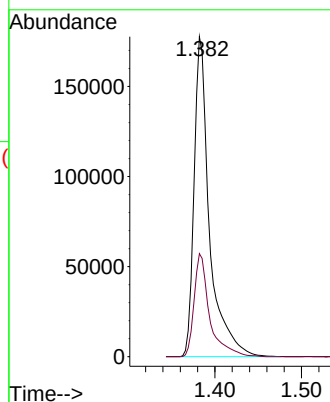
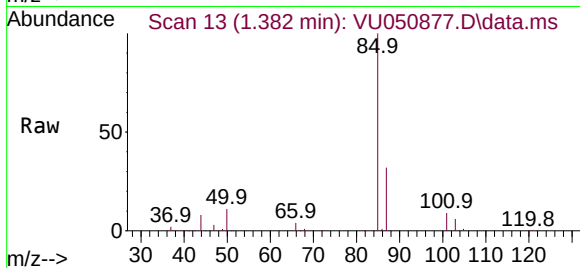




#2
Dichlorodifluoromethane
Concen: 66.967 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

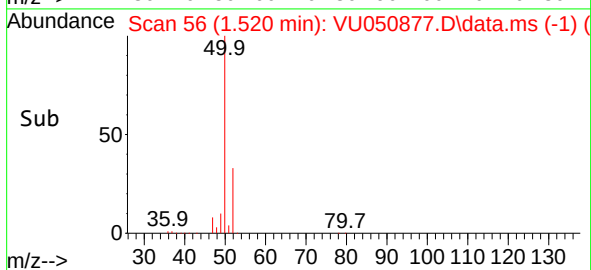
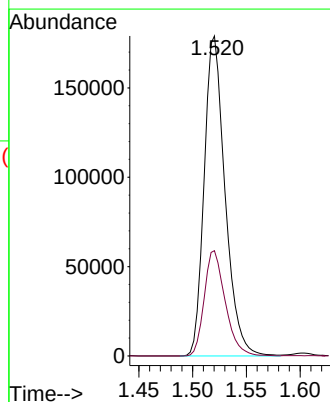
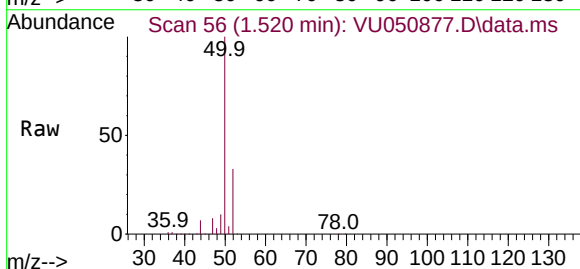
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MSD

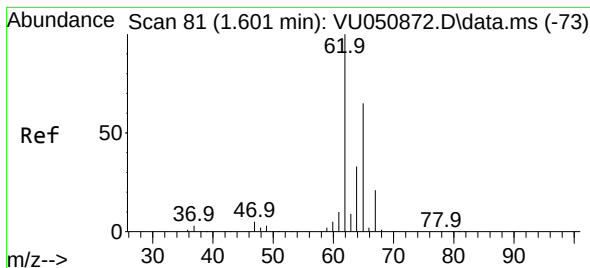
Tgt Ion: 85 Resp: 219007
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.8



#3
Chloromethane
Concen: 63.813 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.003 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

Tgt Ion: 50 Resp: 242617
Ion Ratio Lower Upper
50 100
52 32.9 23.7 43.9





#5

Vinyl chloride

Concen: 73.379 ug/L

RT: 1.601 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

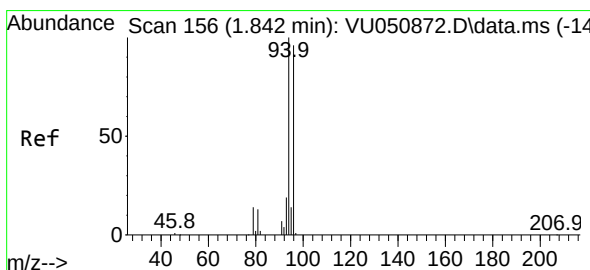
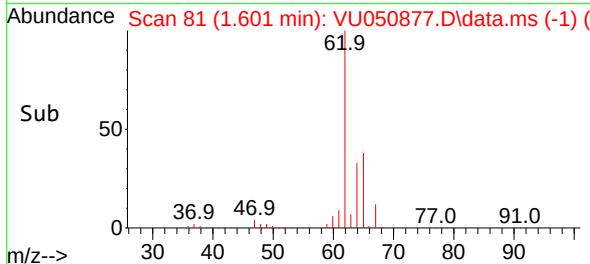
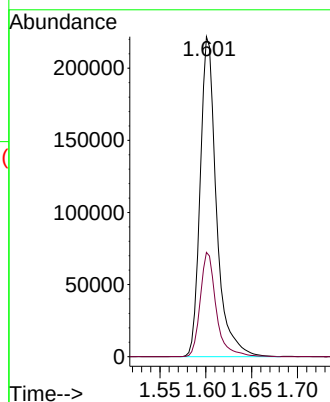
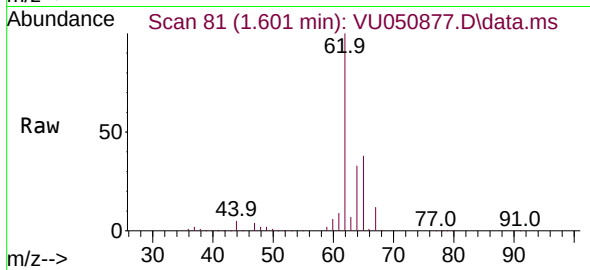
EXZ25MSD

Tgt Ion: 62 Resp: 273124

Ion Ratio Lower Upper

62 100

64 32.6 22.2 41.2



#6

Bromomethane

Concen: 70.307 ug/L

RT: 1.851 min Scan# 159

Delta R.T. 0.010 min

Lab File: VU050877.D

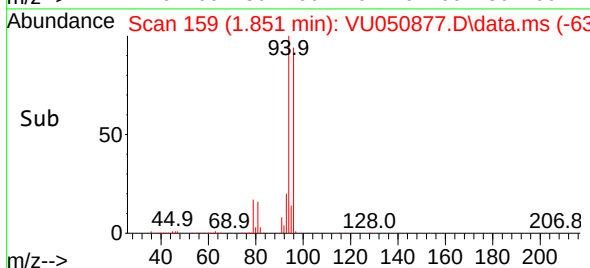
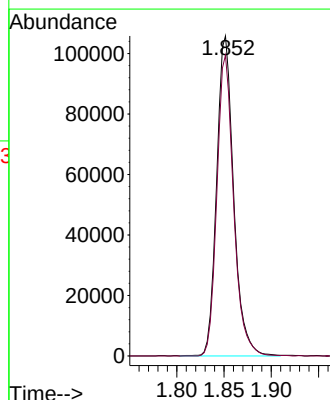
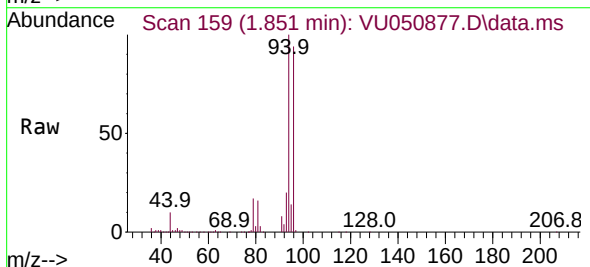
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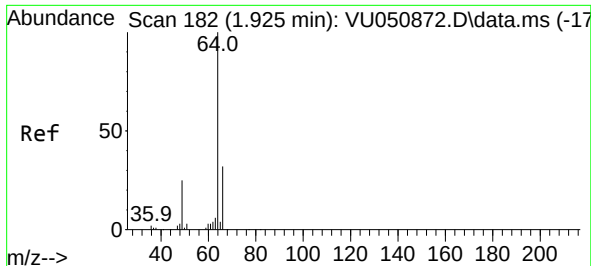
Tgt Ion: 94 Resp: 132204

Ion Ratio Lower Upper

94 100

96 94.0 64.0 119.0

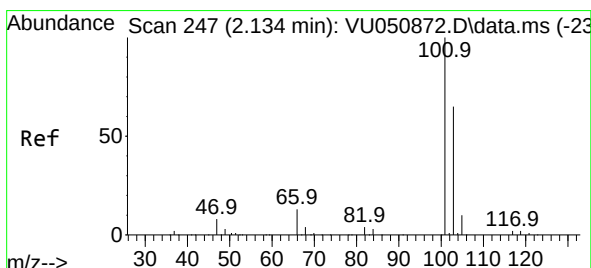
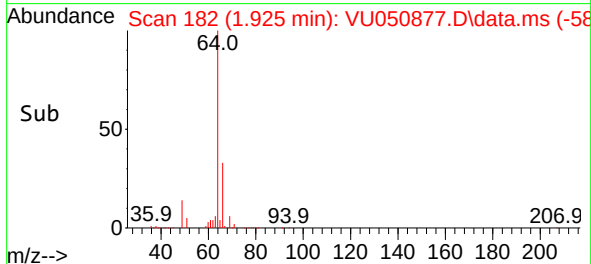
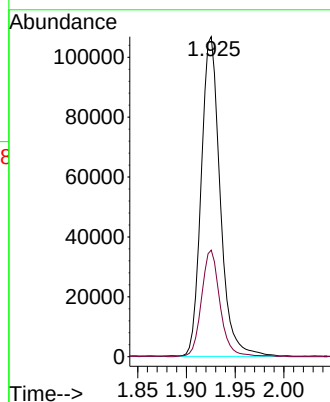
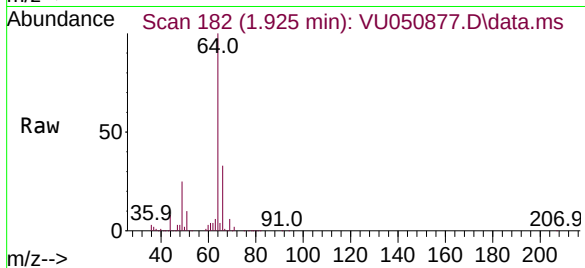




#8
Chloroethane
Concen: 70.142 ug/L
RT: 1.925 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

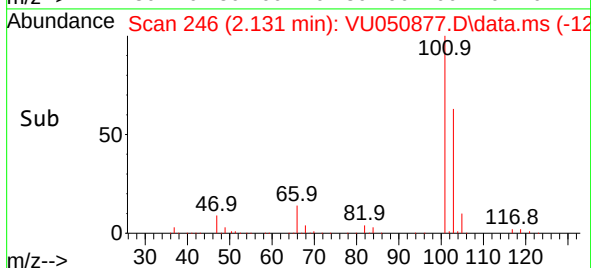
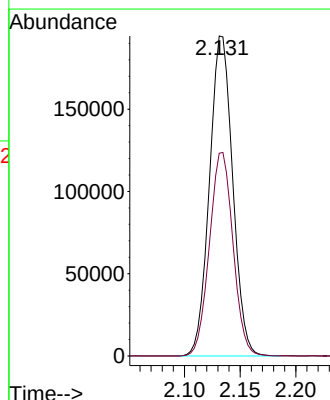
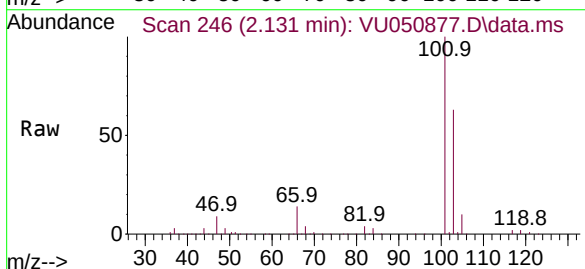
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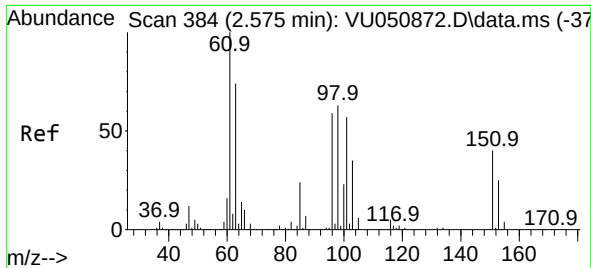
Tgt Ion: 64 Resp: 144550
Ion Ratio Lower Upper
64 100
66 33.3 22.9 42.5



#9
Trichlorofluoromethane
Concen: 69.859 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

Tgt Ion:101 Resp: 282045
Ion Ratio Lower Upper
101 100
103 64.5 50.9 76.3

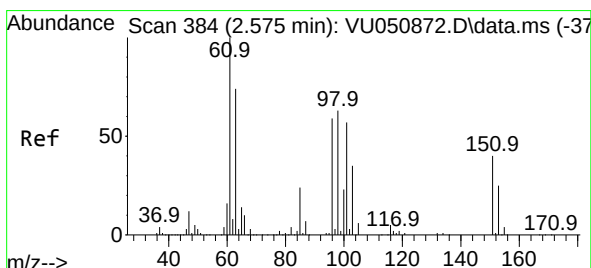
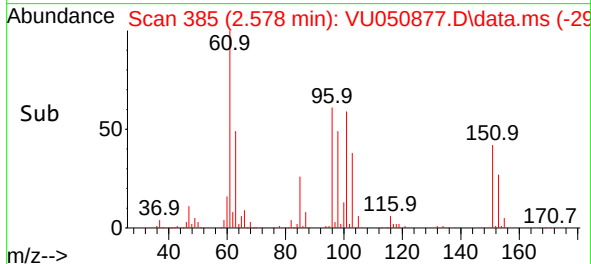
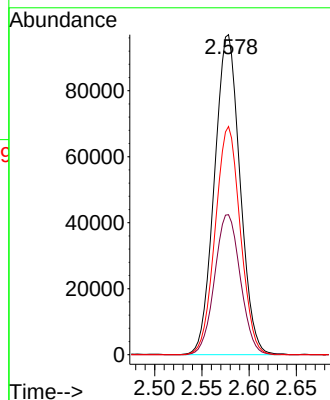
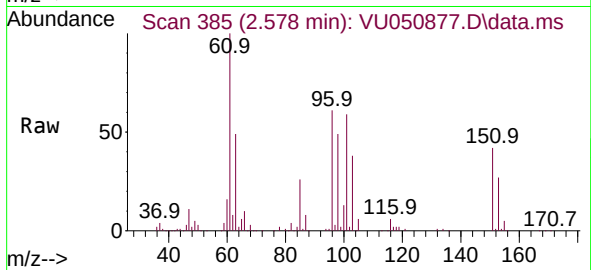




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 70.587 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050877.D
 Acq: 21 Sep 2022 12:46

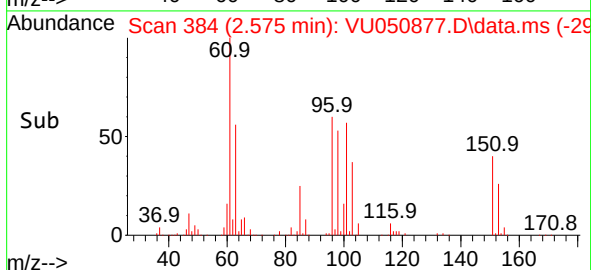
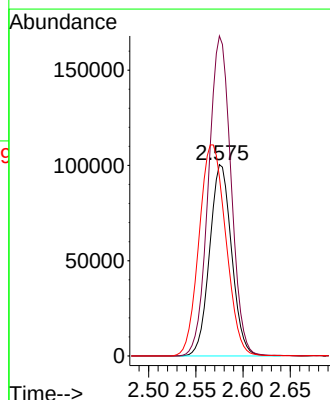
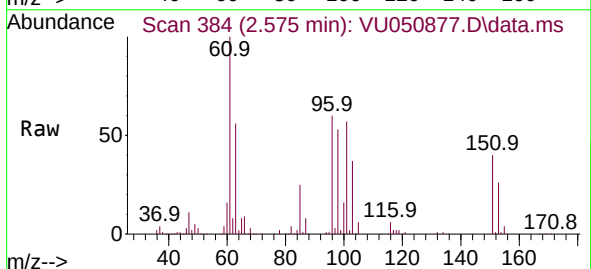
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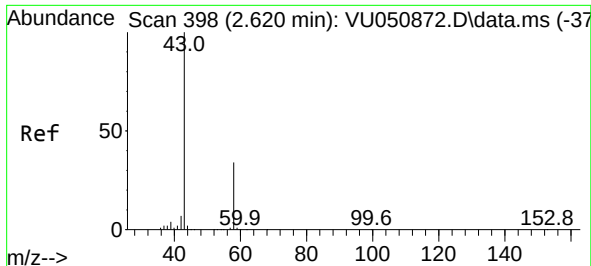
Tgt Ion:101 Resp: 182408
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.1 52.7
 151 70.1 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 67.033 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU050877.D
 Acq: 21 Sep 2022 12:46

Tgt Ion: 96 Resp: 162762
 Ion Ratio Lower Upper
 96 100
 61 167.2 118.6 220.2
 63 93.7 90.4 168.0





#13

Acetone

Concen: 157.790 ug/L

RT: 2.630 min Scan# 401

Delta R.T. 0.010 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

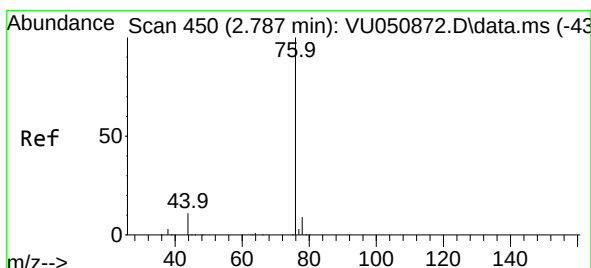
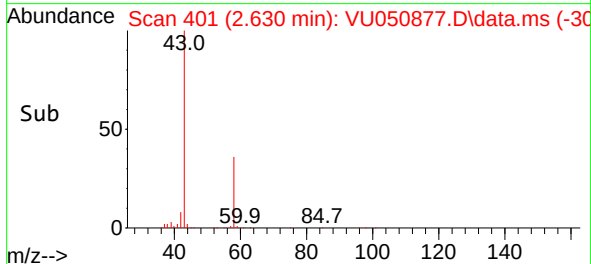
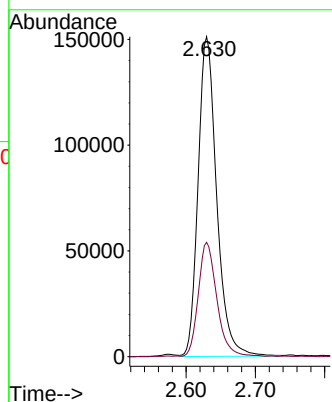
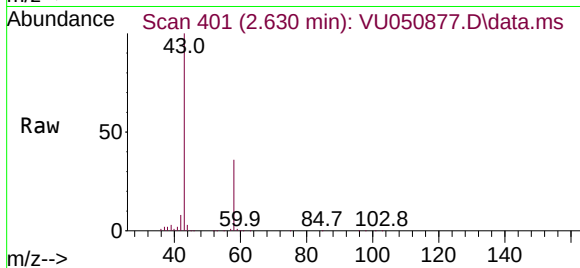
EXZ25MSD

Tgt Ion: 43 Resp: 282254

Ion Ratio Lower Upper

43 100

58 35.6 0.0 71.4



#14

Carbon disulfide

Concen: 67.493 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050877.D

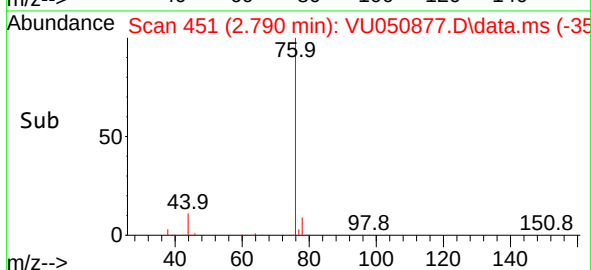
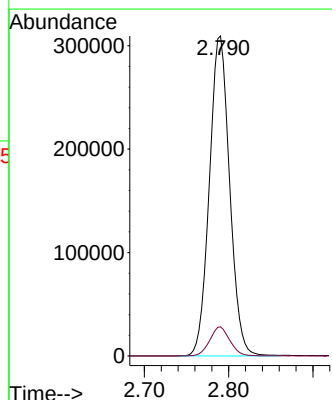
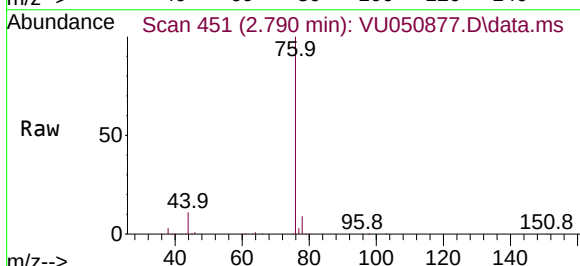
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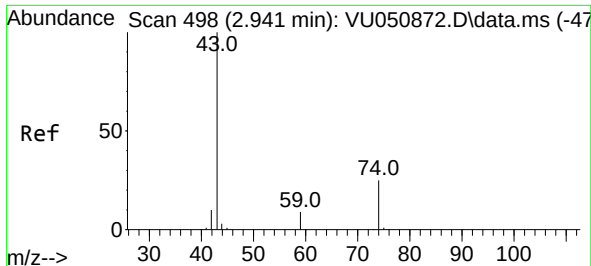
Tgt Ion: 76 Resp: 518219

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

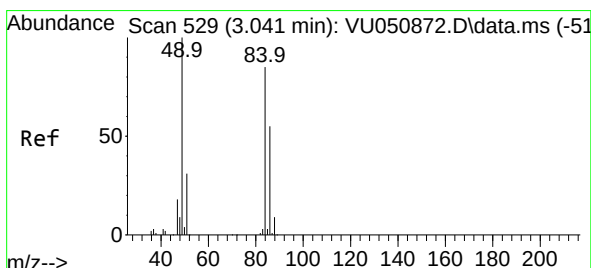
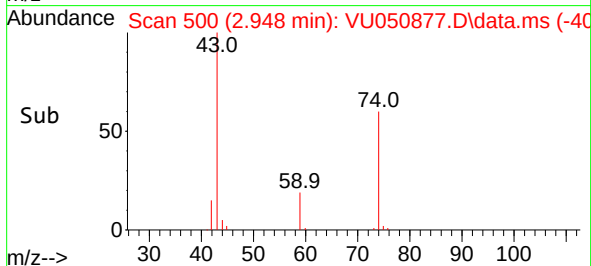
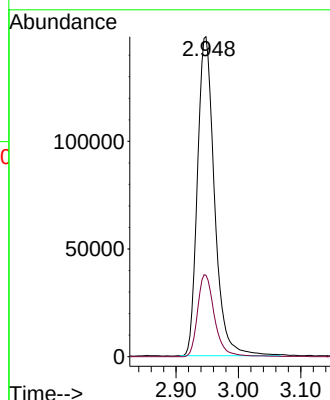
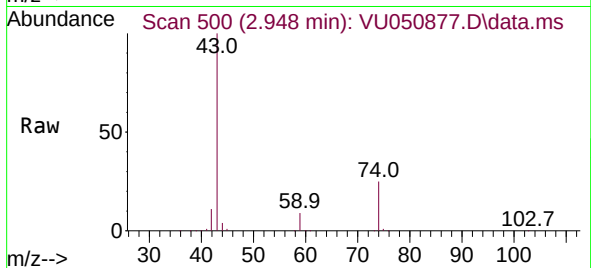




#15
Methyl Acetate
Concen: 83.504 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.007 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

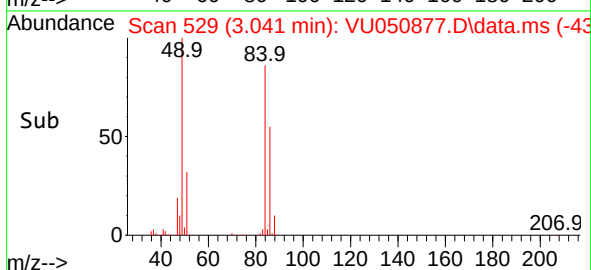
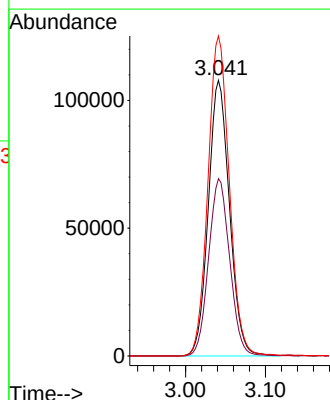
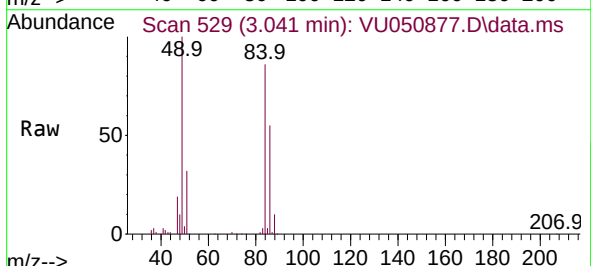
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MSD

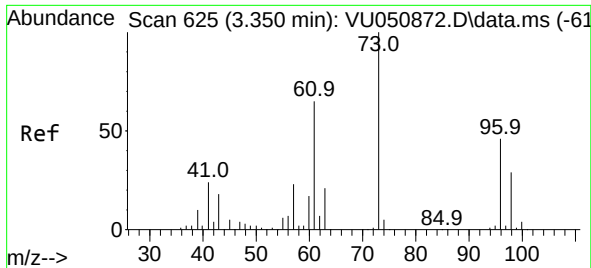
Tgt Ion: 43 Resp: 281887
Ion Ratio Lower Upper
43 100
74 25.4 19.9 29.9



#16
Methylene chloride
Concen: 58.859 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

Tgt Ion: 84 Resp: 198441
Ion Ratio Lower Upper
84 100
86 64.3 44.4 82.5
49 116.1 83.3 154.7



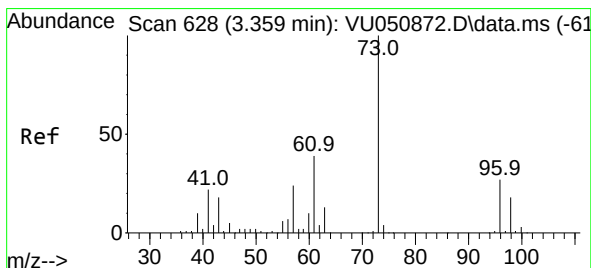
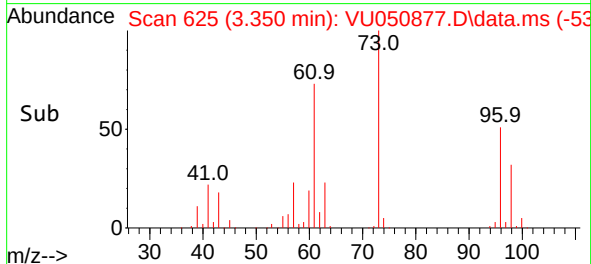
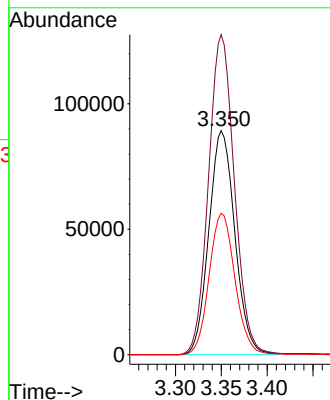
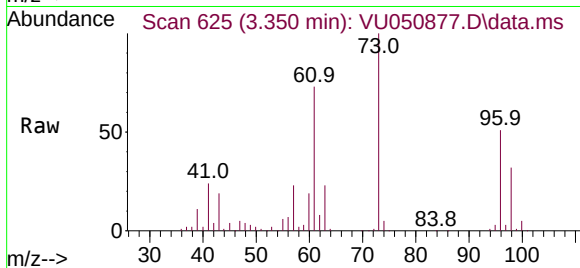


#17
 trans-1,2-Dichloroethene
 Concen: 70.914 ug/L
 RT: 3.350 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VU050877.D
 Acq: 21 Sep 2022 12:46

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ25MSD

Tgt Ion: 96 Resp: 176481

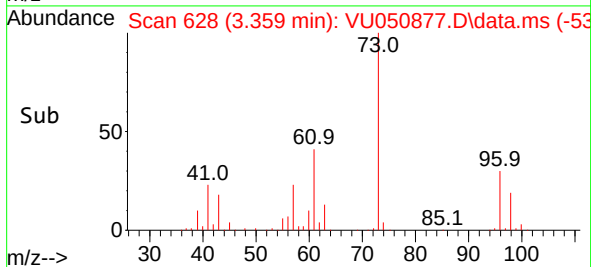
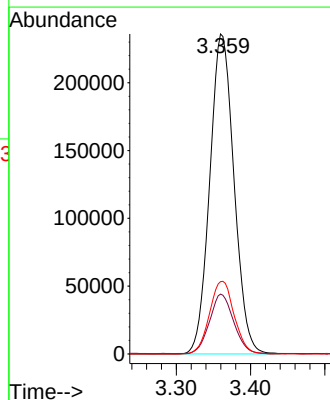
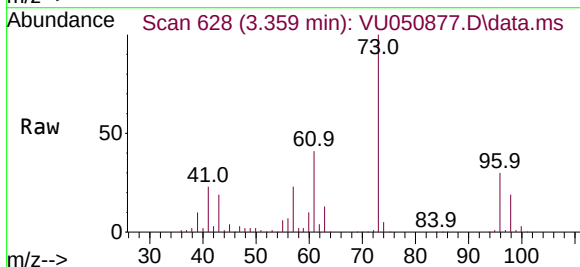
Ion	Ratio	Lower	Upper
96	100		
61	142.8	98.0	182.0
98	63.1	44.3	82.3

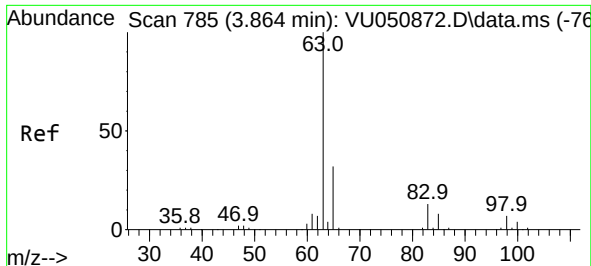


#18
 Methyl tert-butyl Ether
 Concen: 70.528 ug/L
 RT: 3.359 min Scan# 628
 Delta R.T. 0.000 min
 Lab File: VU050877.D
 Acq: 21 Sep 2022 12:46

Tgt Ion: 73 Resp: 535078

Ion	Ratio	Lower	Upper
73	100		
43	18.5	14.4	21.6
57	23.1	18.6	27.8





#19

1,1-Dichloroethane

Concen: 119.949 ug/L

RT: 3.864 min Scan# 785

Delta R.T. 0.000 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

EXZ25MSD

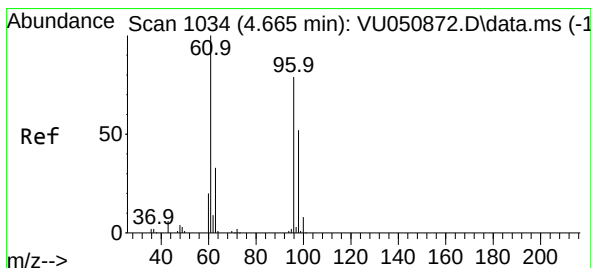
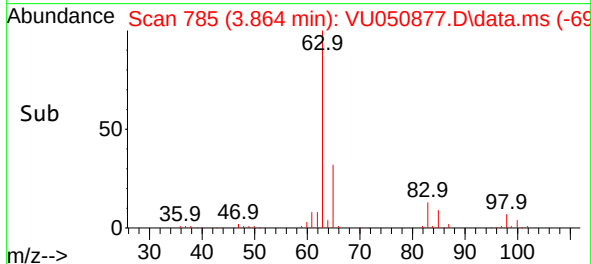
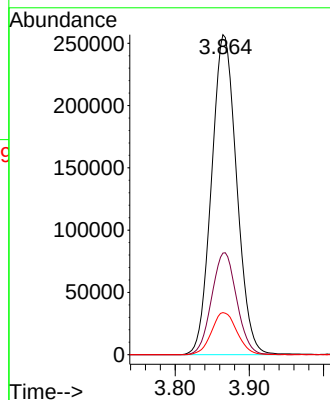
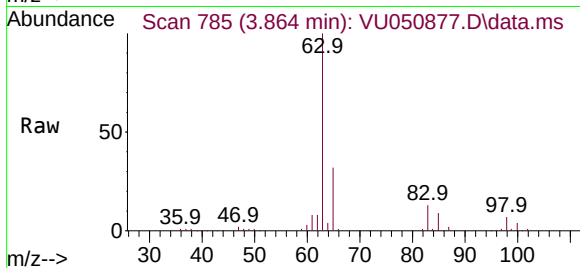
Tgt Ion: 63 Resp: 603173

Ion Ratio Lower Upper

63 100

65 31.8 21.5 39.9

83 13.1 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 154.742 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

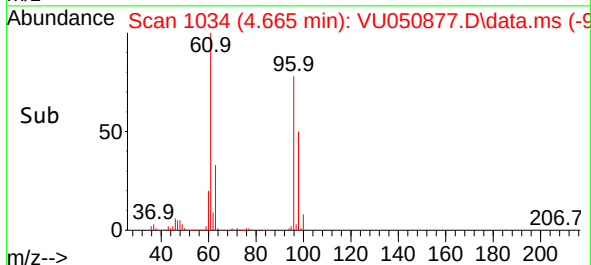
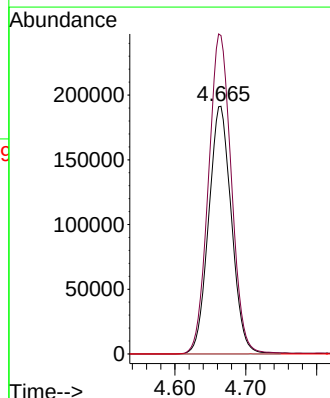
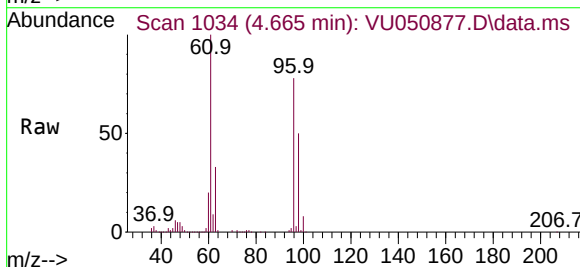
Tgt Ion: 96 Resp: 426991

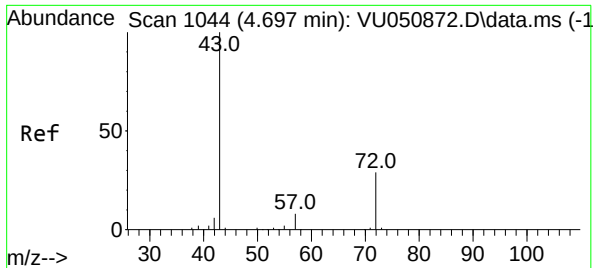
Ion Ratio Lower Upper

96 100

61 128.5 90.1 167.3

68 0.0 0.0 0.0

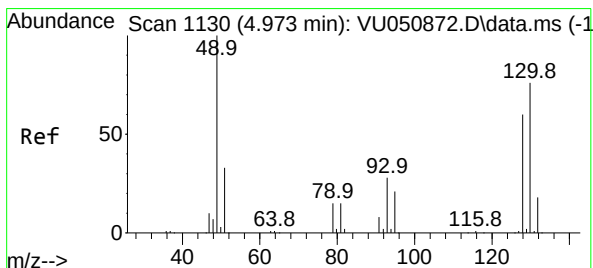
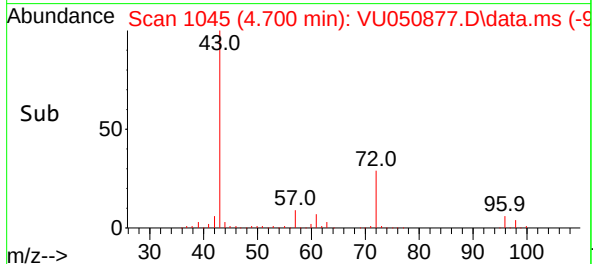
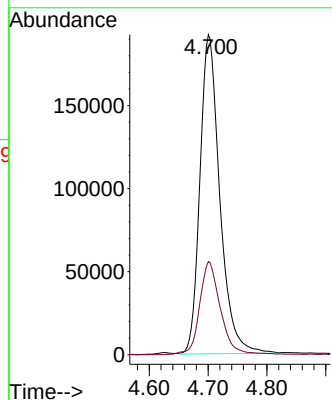
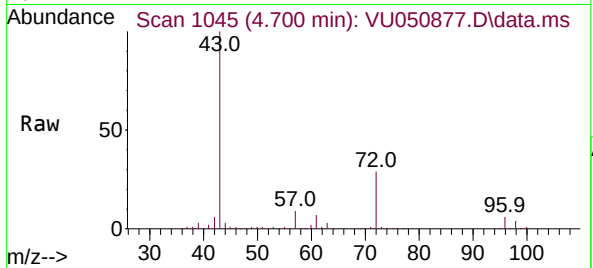




#22
2-Butanone
Concen: 191.311 ug/L
RT: 4.700 min Scan# 1108
Delta R.T. 0.003 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

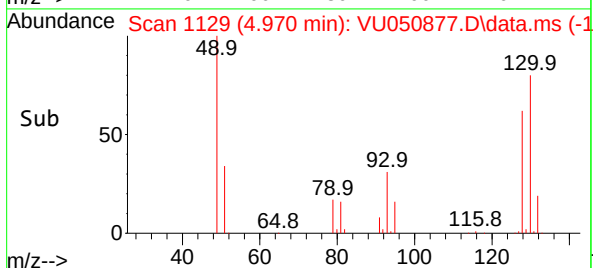
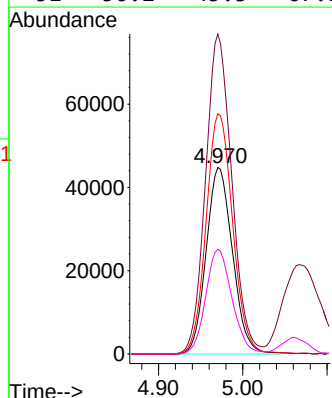
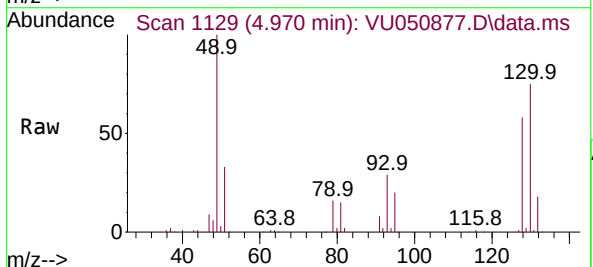
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MSD

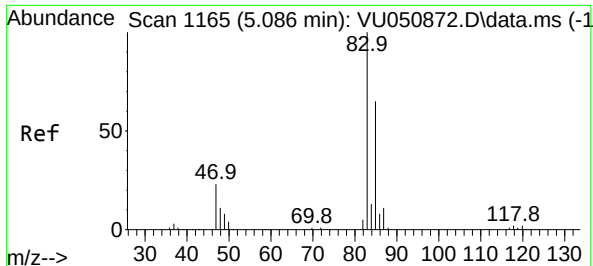
Tgt Ion: 43 Resp: 451086
Ion Ratio Lower Upper
43 100
72 30.2 14.8 44.3



#23
Bromochloromethane
Concen: 67.278 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

Tgt Ion:128 Resp: 97297
Ion Ratio Lower Upper
128 100
49 171.6 123.1 228.5
130 128.8 90.9 168.7
51 56.2 45.3 67.9





#25

Chloroform

Concen: 67.717 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

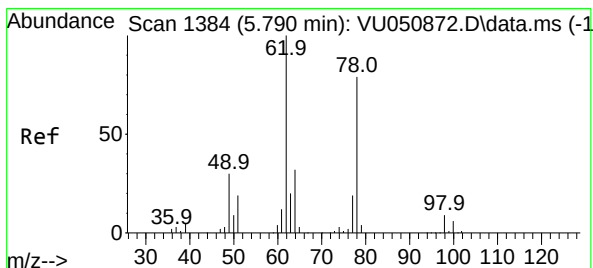
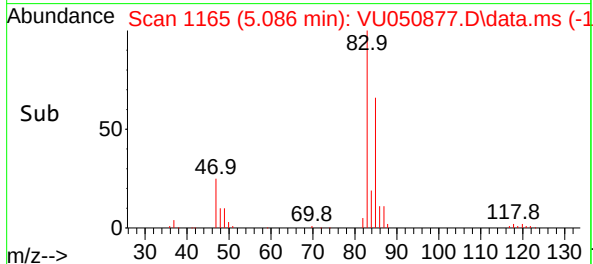
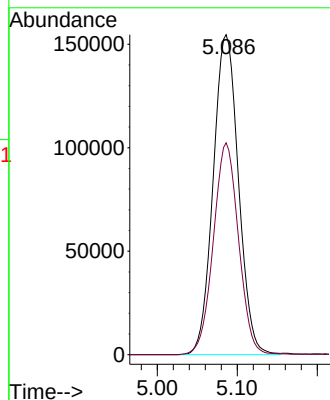
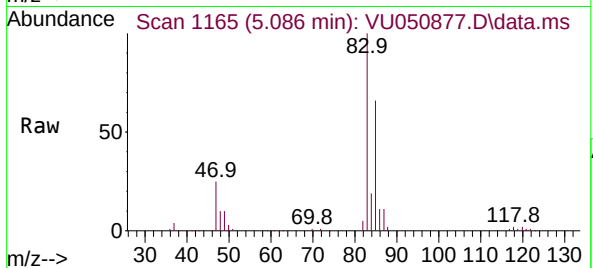
EXZ25MSD

Tgt Ion: 83 Resp: 339366

Ion Ratio Lower Upper

83 100

85 66.2 45.7 84.9



#27

1,2-Dichloroethane

Concen: 68.983 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU050877.D

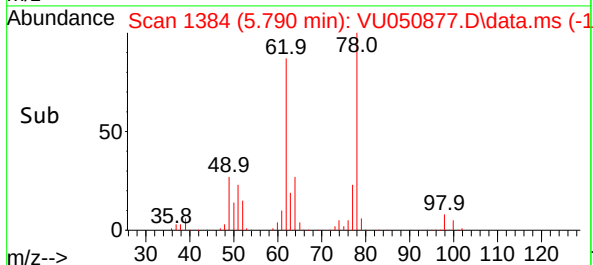
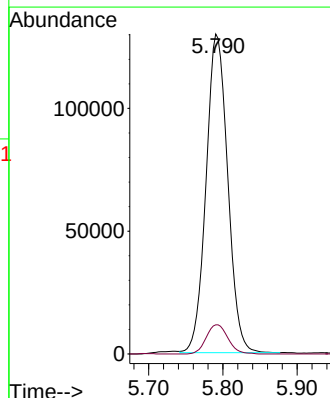
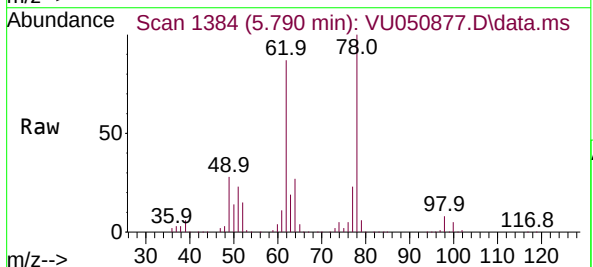
Acq: 21 Sep 2022 12:46

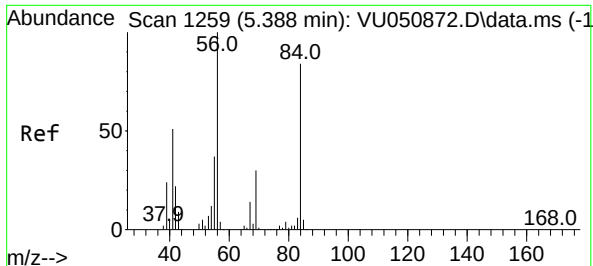
Tgt Ion: 62 Resp: 262722

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0





#29

Cyclohexane

Concen: 76.989 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

EXZ25MSD

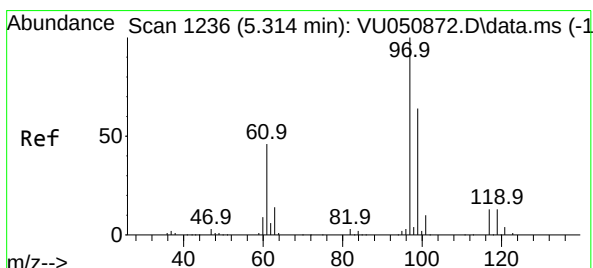
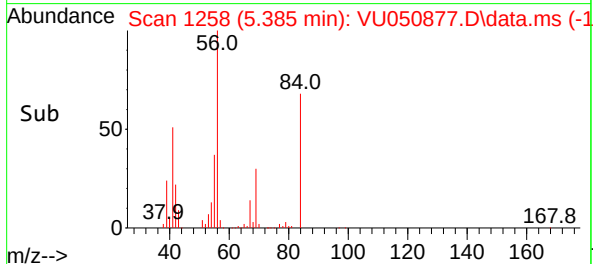
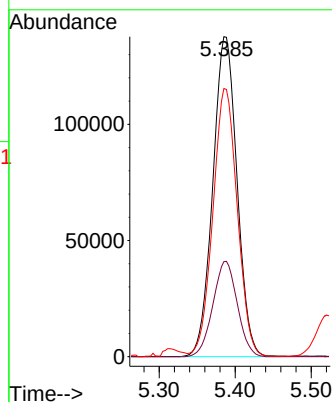
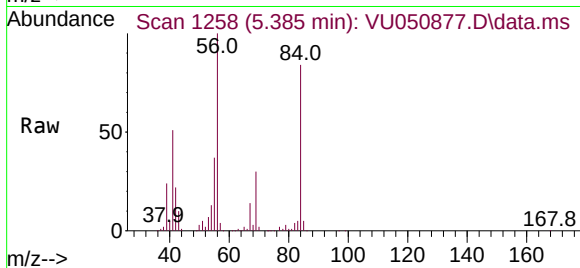
Tgt Ion: 56 Resp: 304780

Ion Ratio Lower Upper

56 100

69 30.0 24.2 36.4

84 84.3 66.4 99.6



#30

1,1,1-Trichloroethane

Concen: 93.482 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

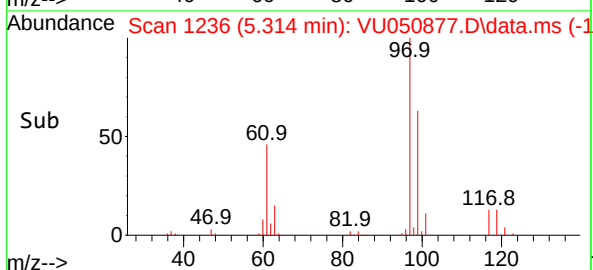
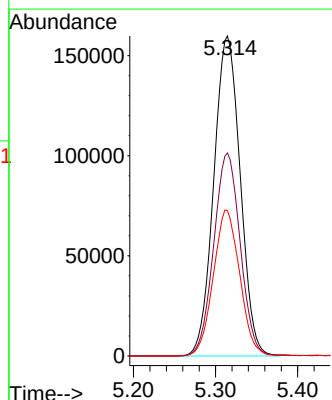
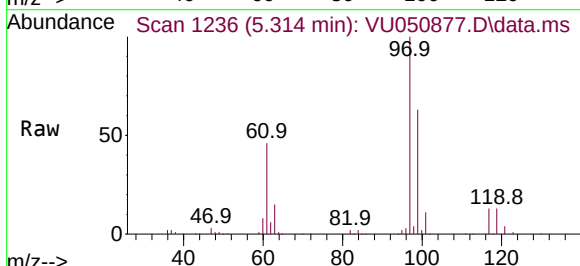
Tgt Ion: 97 Resp: 357757

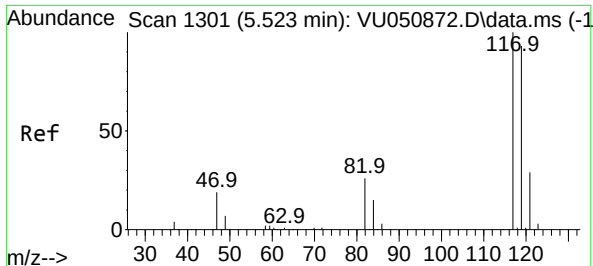
Ion Ratio Lower Upper

97 100

99 63.8 52.2 78.2

61 45.6 37.1 55.7

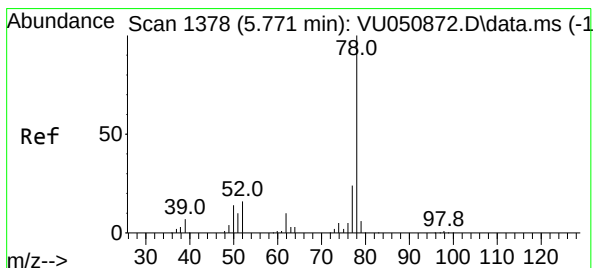
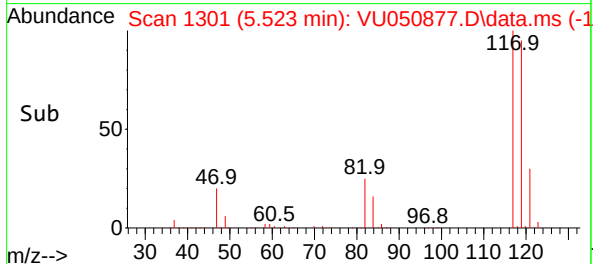
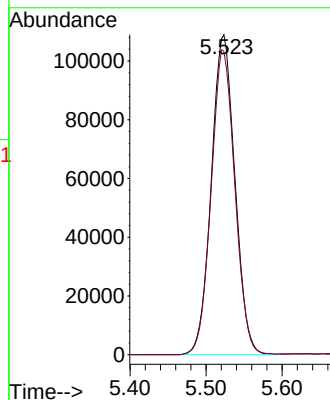
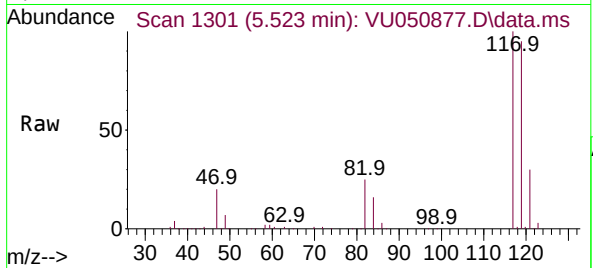




#31
Carbon tetrachloride
Concen: 73.989 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

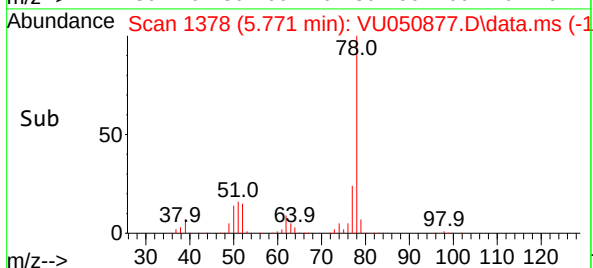
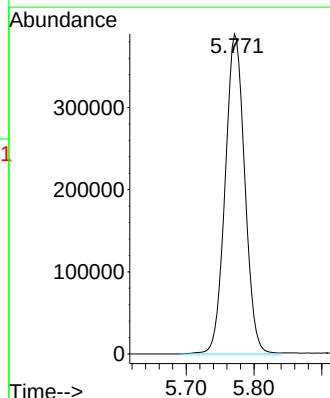
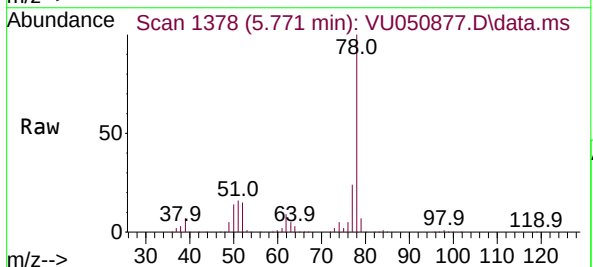
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MSD

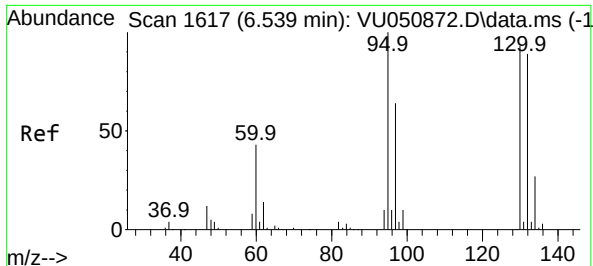
Tgt Ion:117 Resp: 235229
Ion Ratio Lower Upper
117 100
119 95.3 76.0 114.0



#33
Benzene
Concen: 73.989 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

Tgt Ion: 78 Resp: 783277

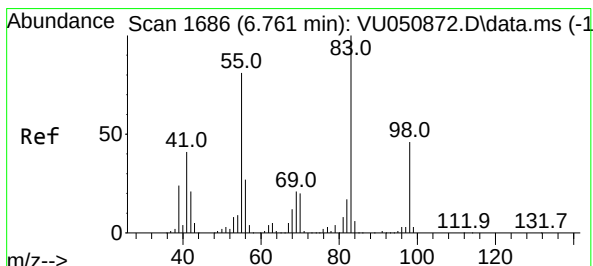
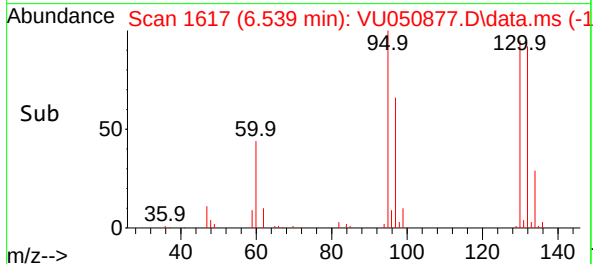
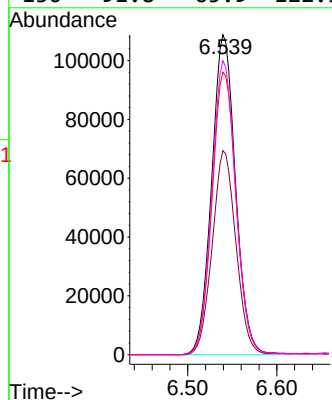
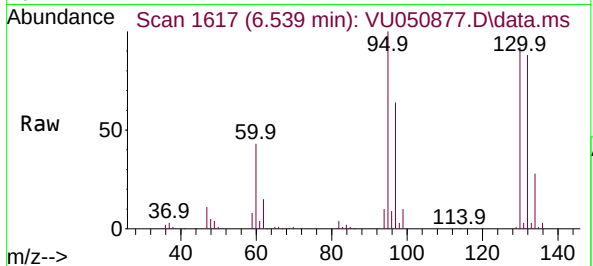




#34
Trichloroethene
Concen: 82.199 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

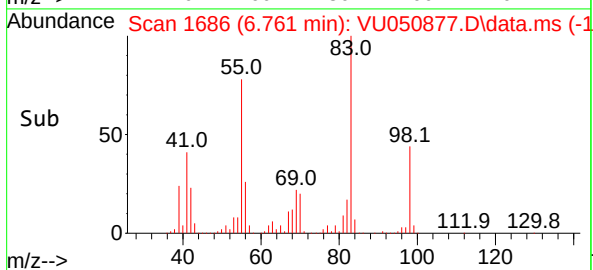
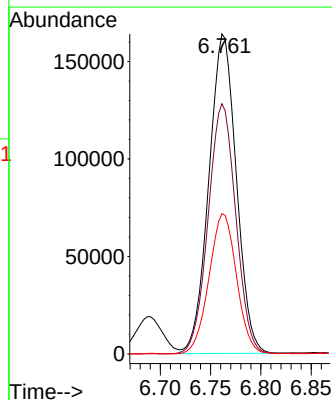
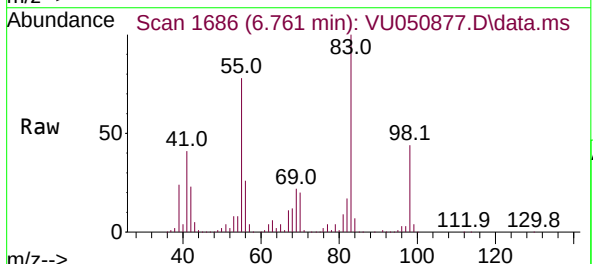
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MSD

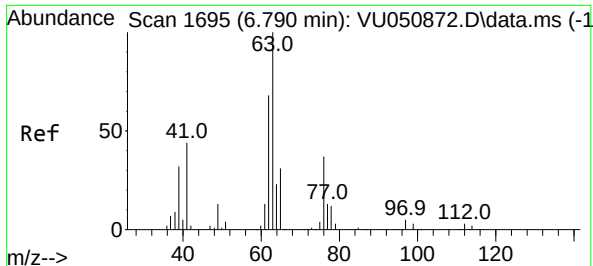
Tgt Ion: 95 Resp: 202135
Ion Ratio Lower Upper
95 100
97 63.7 43.9 81.5
132 88.2 63.1 117.1
130 91.8 65.9 122.3



#35
Methylcyclohexane
Concen: 78.462 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

Tgt Ion: 83 Resp: 310888
Ion Ratio Lower Upper
83 100
55 79.1 64.7 97.1
98 44.2 35.2 52.8





#37

1,2-Dichloropropane

Concen: 71.586 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

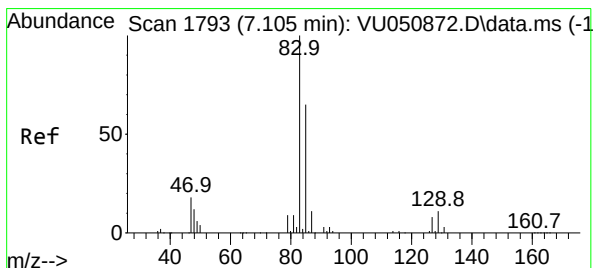
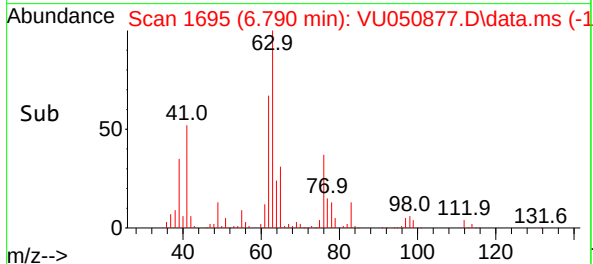
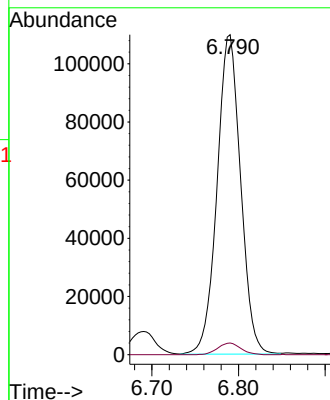
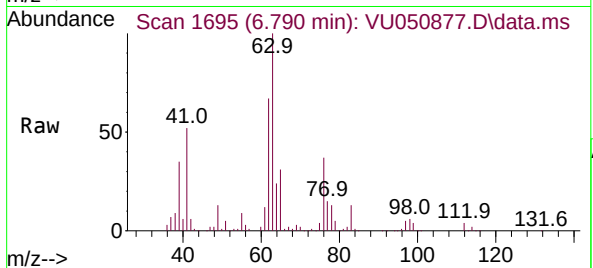
EXZ25MSD

Tgt Ion: 63 Resp: 207378

Ion Ratio Lower Upper

63 100

112 3.6 2.9 4.3



#38

Bromodichloromethane

Concen: 73.148 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

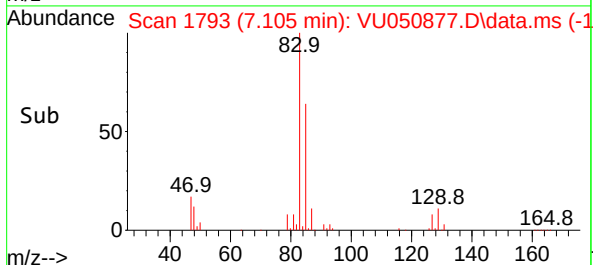
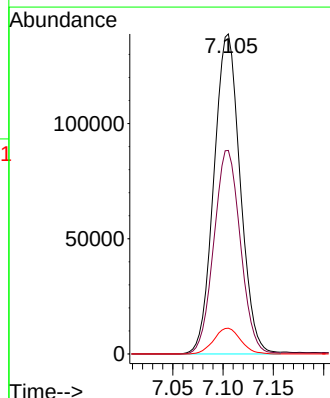
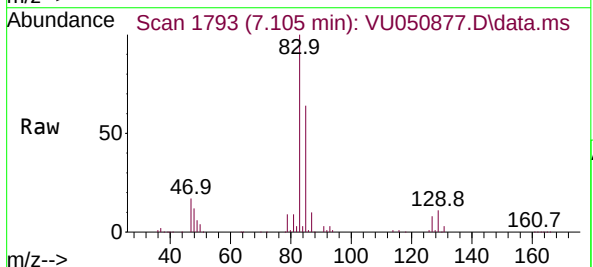
Tgt Ion: 83 Resp: 252467

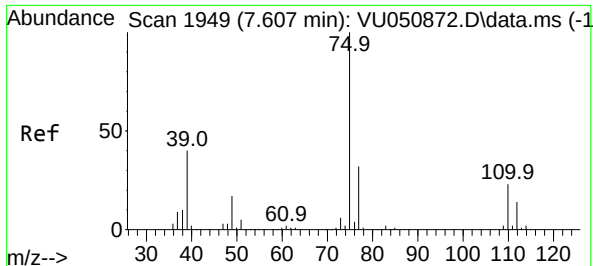
Ion Ratio Lower Upper

83 100

85 63.6 44.3 82.3

127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 72.064 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

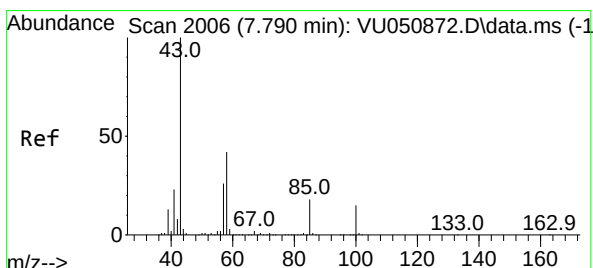
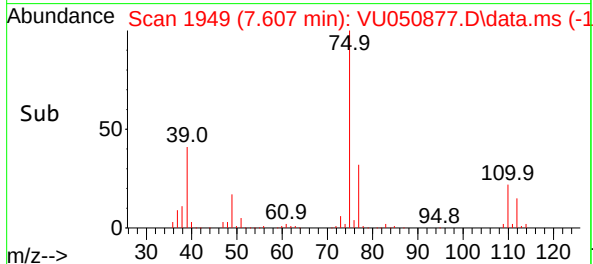
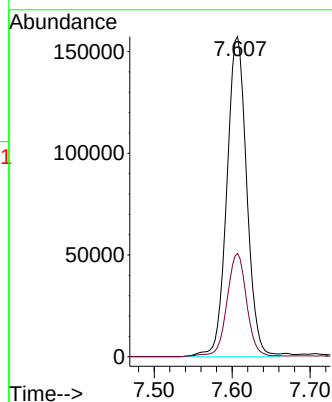
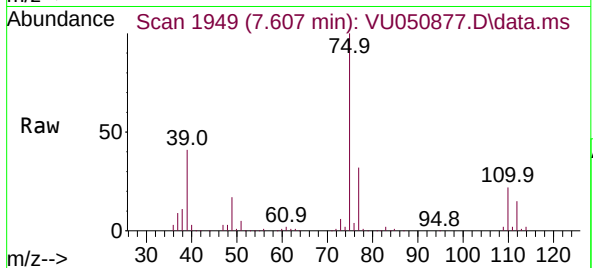
EXZ25MSD

Tgt Ion: 75 Resp: 279359

Ion Ratio Lower Upper

75 100

77 32.3 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 183.676 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

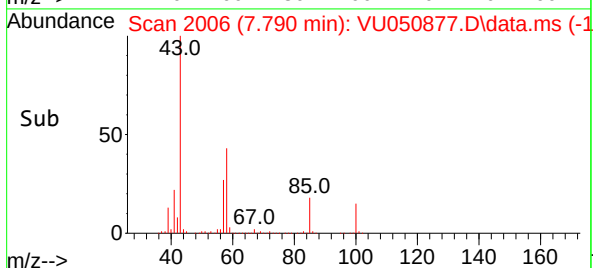
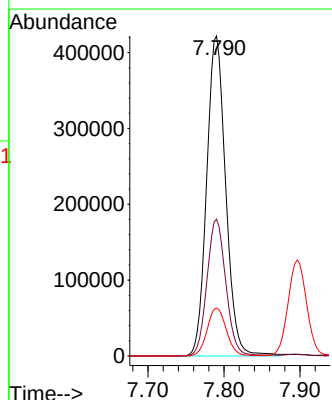
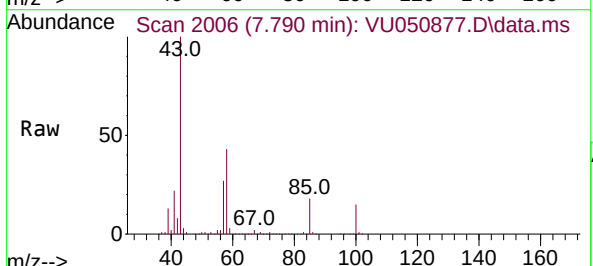
Tgt Ion: 43 Resp: 733296

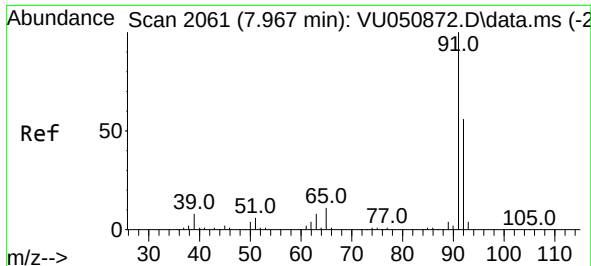
Ion Ratio Lower Upper

43 100

58 42.4 33.8 50.6

100 15.1 12.0 18.0





#42

Toluene

Concen: 76.414 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

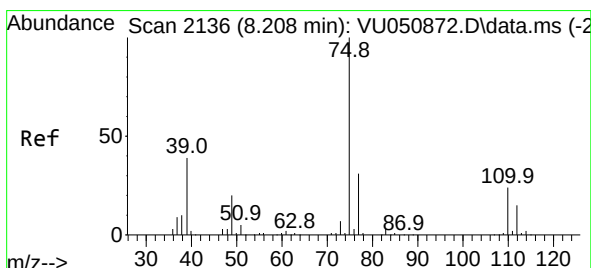
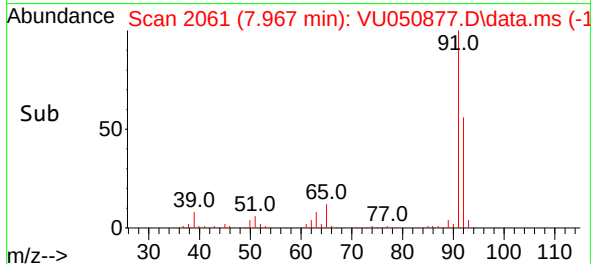
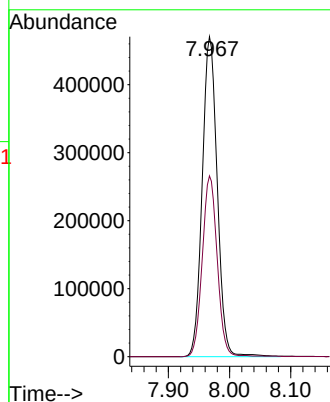
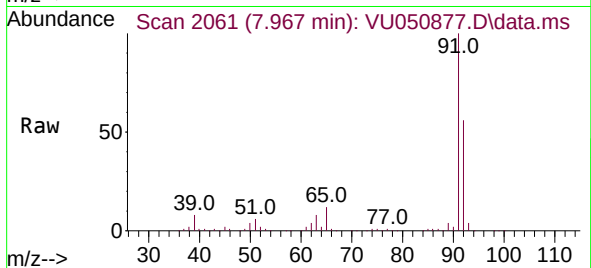
EXZ25MSD

Tgt Ion: 91 Resp: 803072

Ion Ratio Lower Upper

91 100

92 56.5 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 73.451 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU050877.D

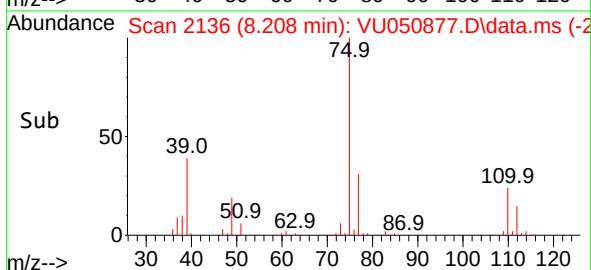
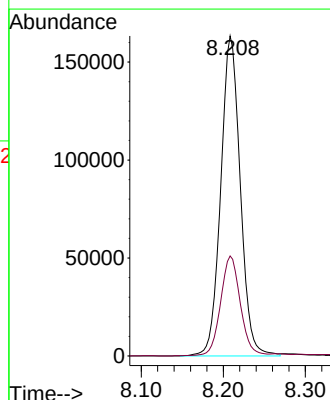
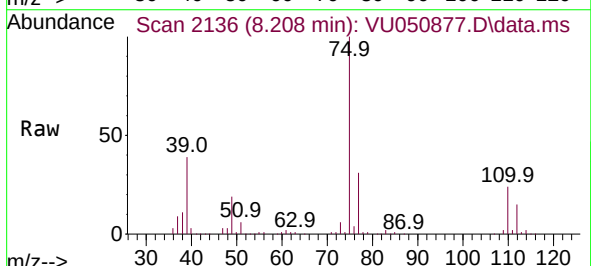
Acq: 21 Sep 2022 12:46

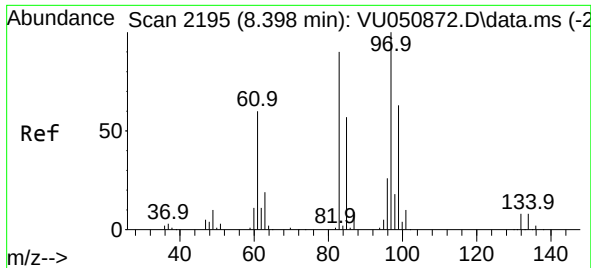
Tgt Ion: 75 Resp: 270862

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7



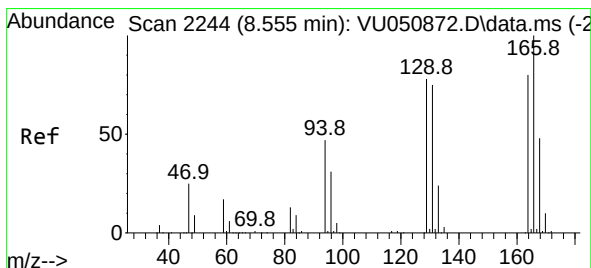
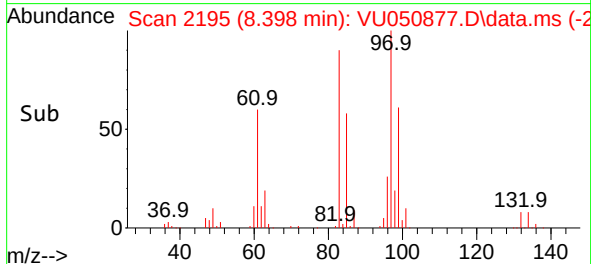
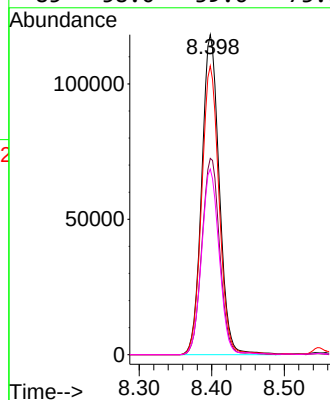
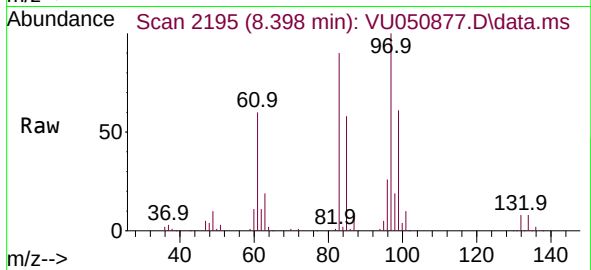


#45
1,1,2-Trichloroethane
Concen: 74.419 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

Instrument :
MSVOA_U
ClientSampleId :
EXZ25MSD

Tgt Ion: 97 Resp: 198672

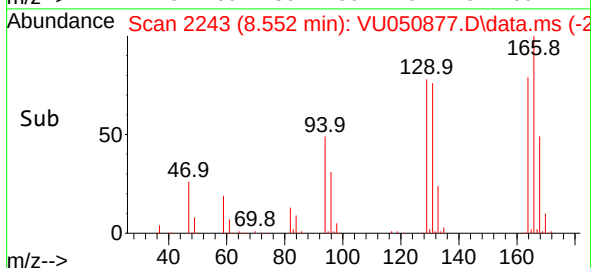
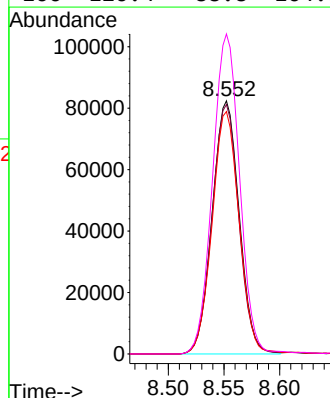
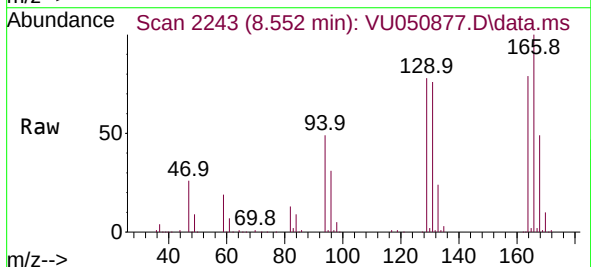
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.8	81.4
83	90.2	62.6	116.3
85	58.0	39.6	73.6

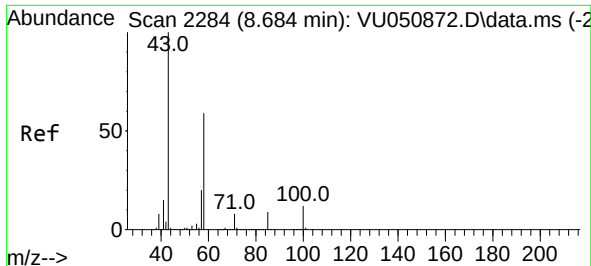


#46
Tetrachloroethene
Concen: 78.537 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

Tgt Ion: 164 Resp: 138787

Ion	Ratio	Lower	Upper
164	100		
129	98.5	68.5	127.3
131	95.8	66.1	122.7
166	126.4	88.8	164.8

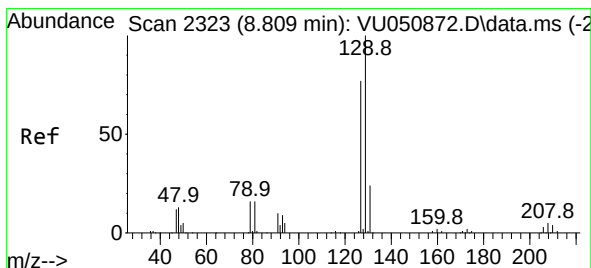
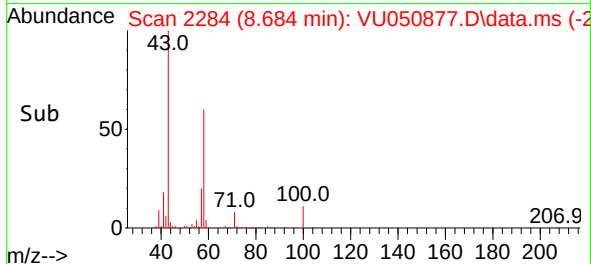
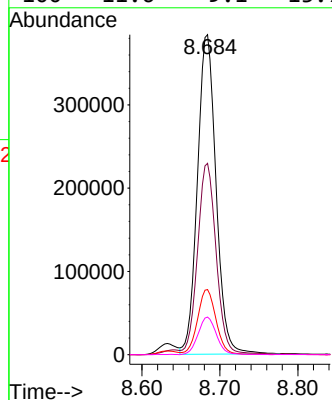
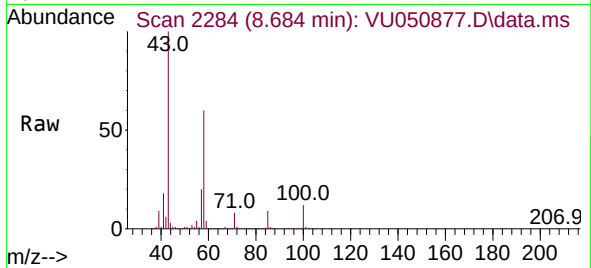




#48
2-Hexanone
Concen: 191.175 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

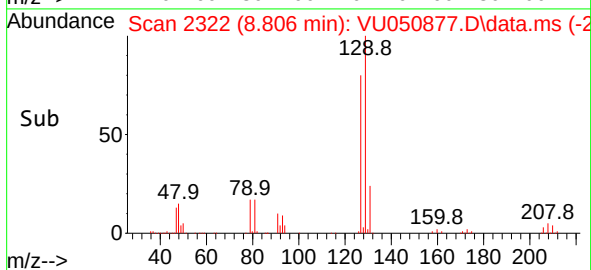
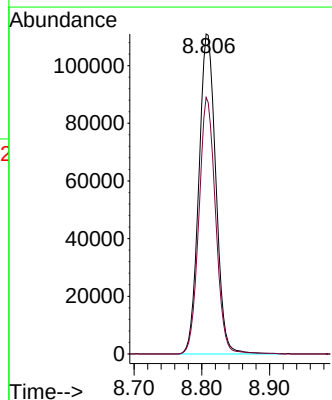
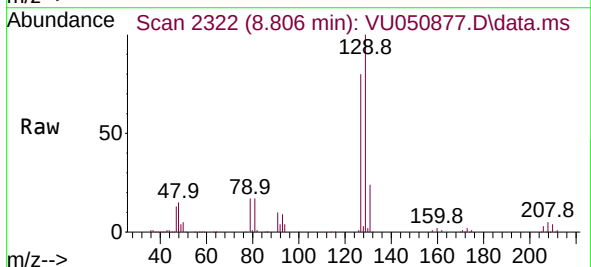
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MSD

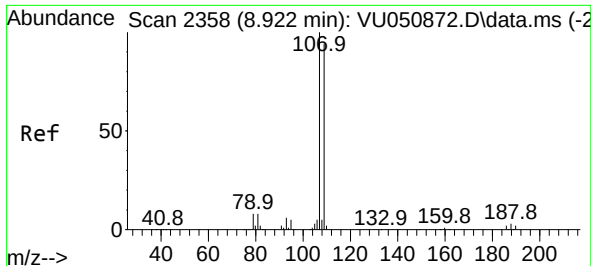
Tgt Ion: 43 Resp: 637758
Ion Ratio Lower Upper
43 100
58 59.8 47.2 70.8
57 20.4 16.2 24.4
100 11.6 9.1 13.7



#49
Dibromochloromethane
Concen: 73.786 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

Tgt Ion: 129 Resp: 193142
Ion Ratio Lower Upper
129 100
127 80.1 54.5 101.1

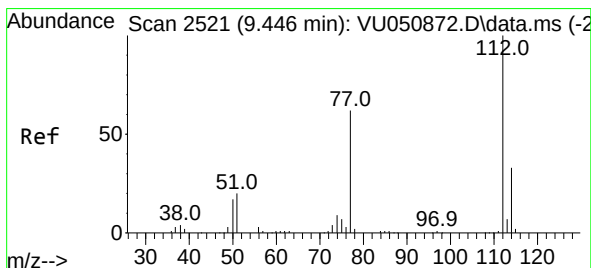
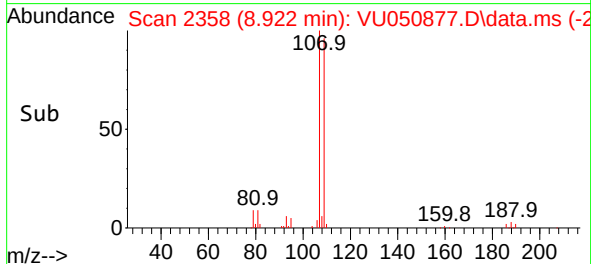
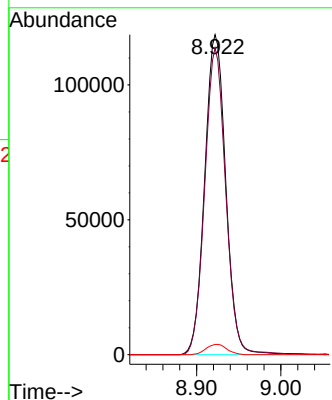
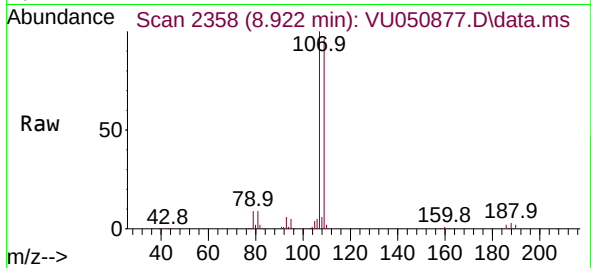




#50
1,2-Dibromoethane
Concen: 74.430 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

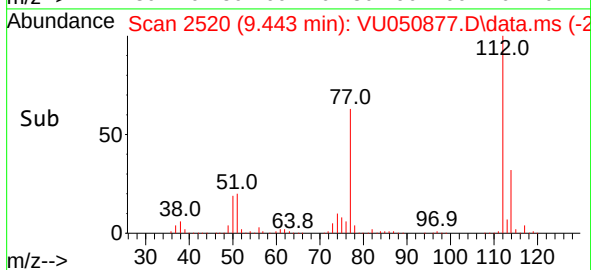
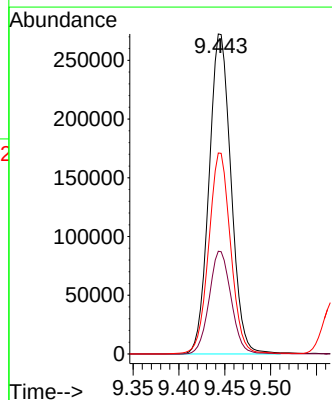
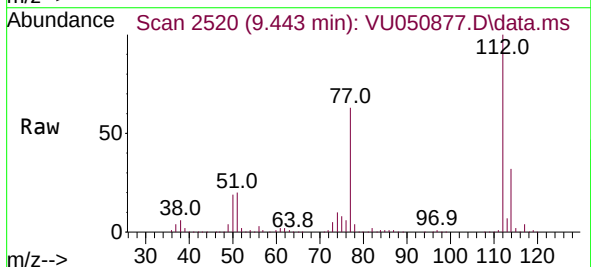
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MSD

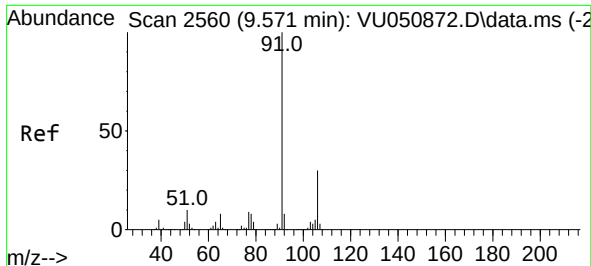
Tgt Ion:107 Resp: 206157
Ion Ratio Lower Upper
107 100
109 95.8 66.0 122.6
188 3.2 2.5 3.7



#51
Chlorobenzene
Concen: 70.909 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

Tgt Ion:112 Resp: 454952
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.3
77 62.8 49.8 74.8

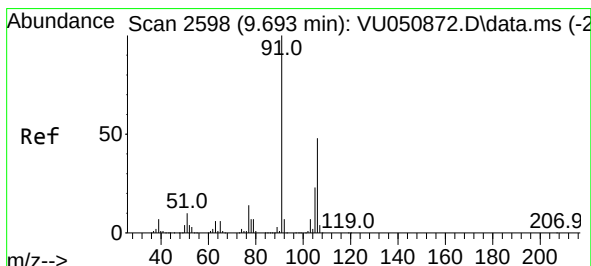
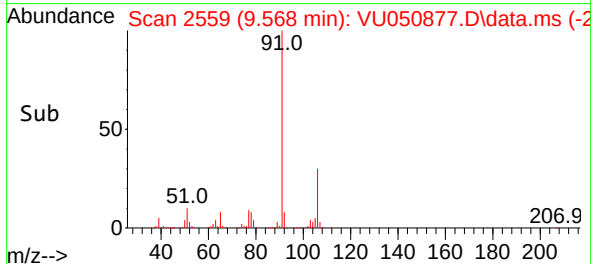
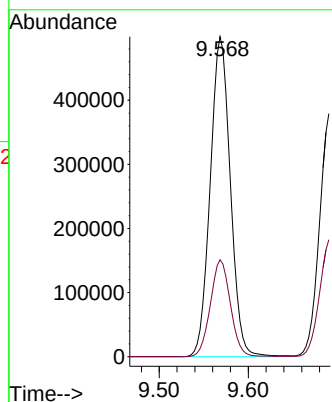
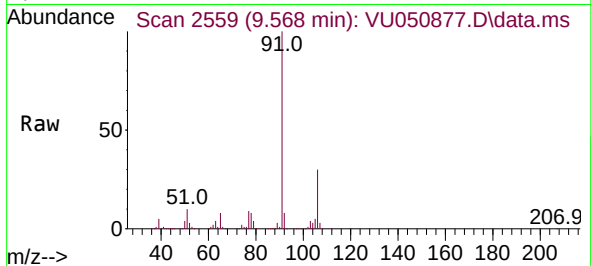




#52
Ethylbenzene
Concen: 74.526 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

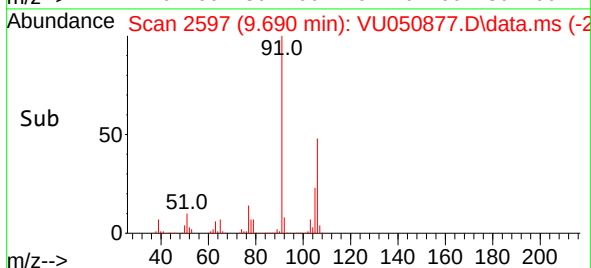
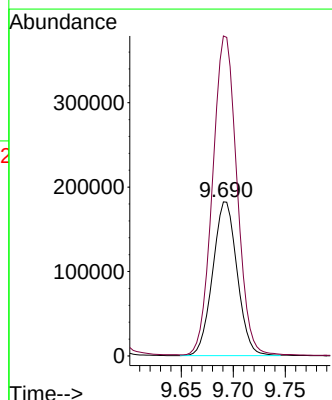
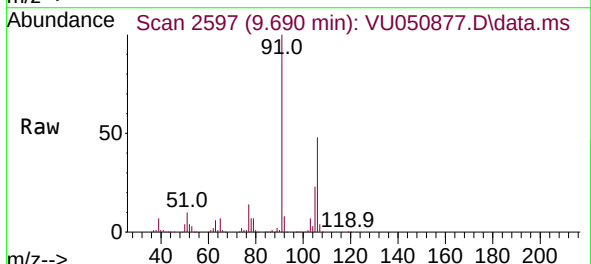
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MSD

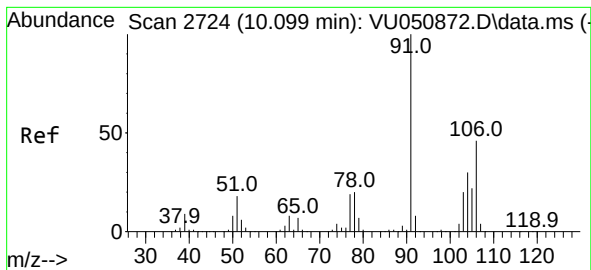
Tgt Ion: 91 Resp: 781351
Ion Ratio Lower Upper
91 100
106 30.3 21.0 39.0



#53
m,p-Xylene
Concen: 76.433 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

Tgt Ion: 106 Resp: 297924
Ion Ratio Lower Upper
106 100
91 207.7 144.0 267.4





#54

o-Xylene

Concen: 75.852 ug/L

RT: 10.099 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

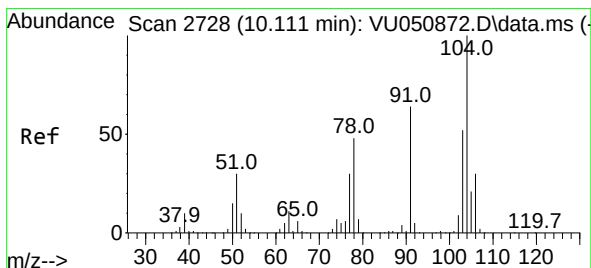
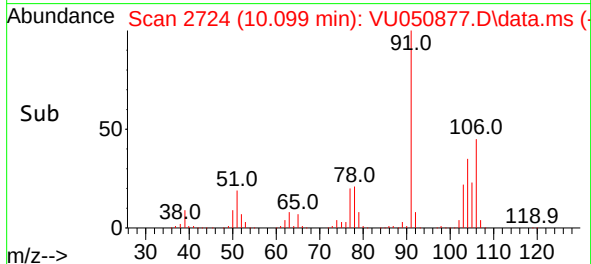
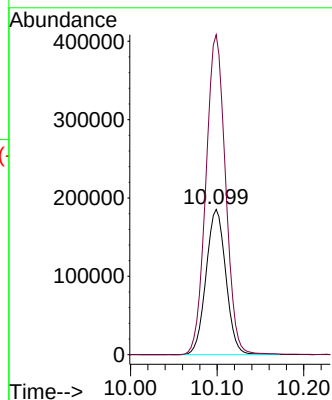
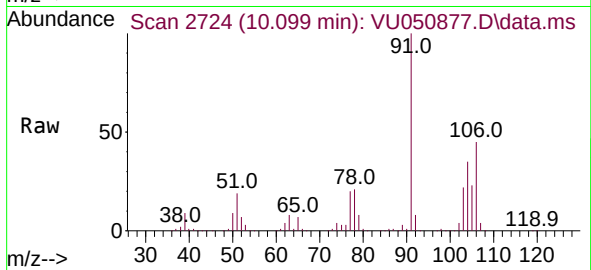
EXZ25MSD

Tgt Ion:106 Resp: 294588

Ion Ratio Lower Upper

106 100

91 220.2 154.6 287.0



#55

Styrene

Concen: 76.956 ug/L

RT: 10.112 min Scan# 2728

Delta R.T. 0.000 min

Lab File: VU050877.D

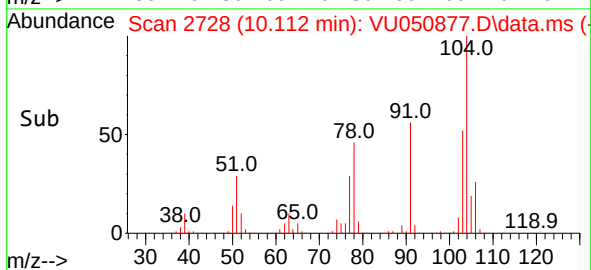
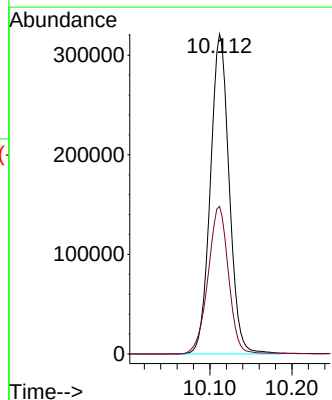
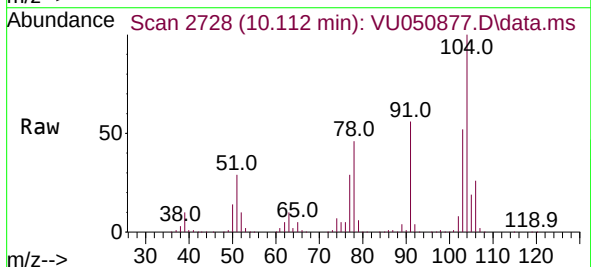
Acq: 21 Sep 2022 12:46

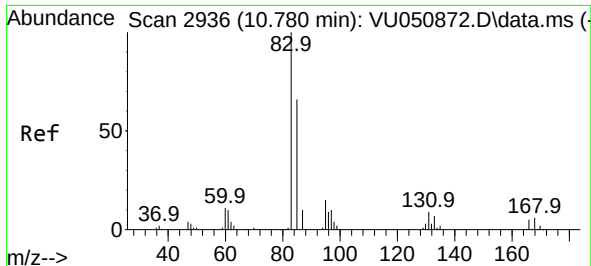
Tgt Ion:104 Resp: 512426

Ion Ratio Lower Upper

104 100

78 46.1 32.4 60.2

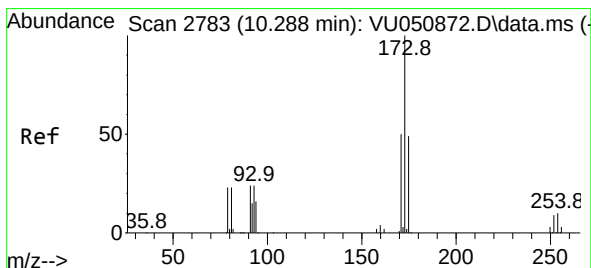
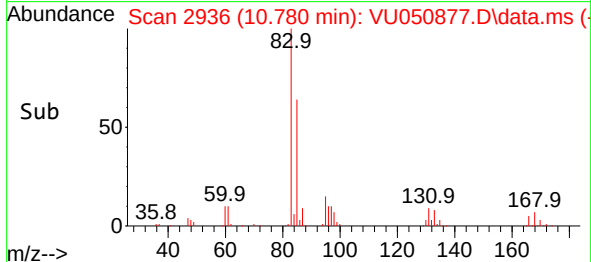
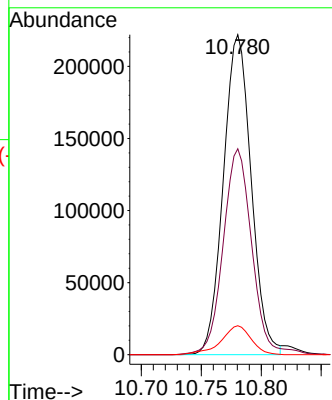
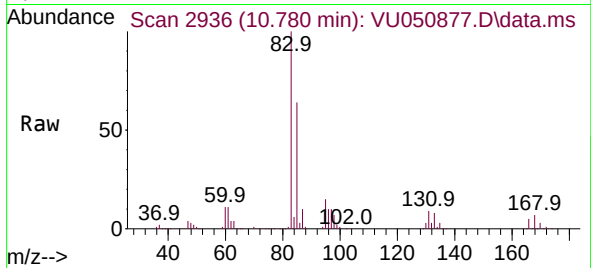




#57
1,1,2,2-Tetrachloroethane
Concen: 72.568 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

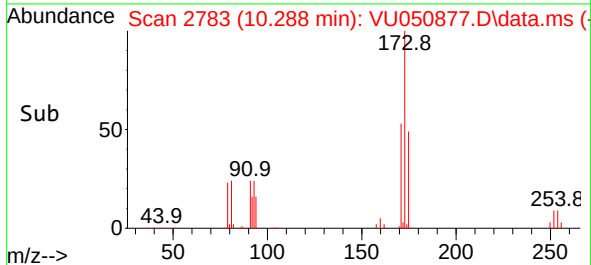
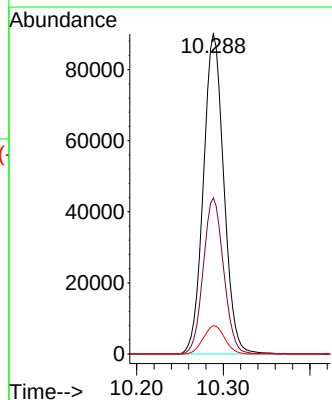
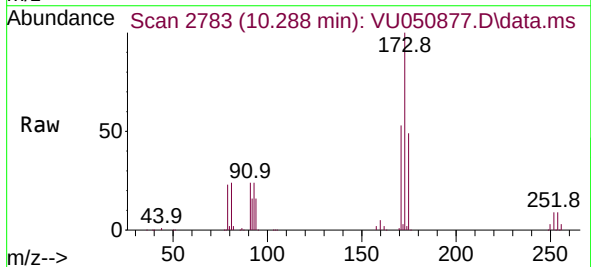
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MSD

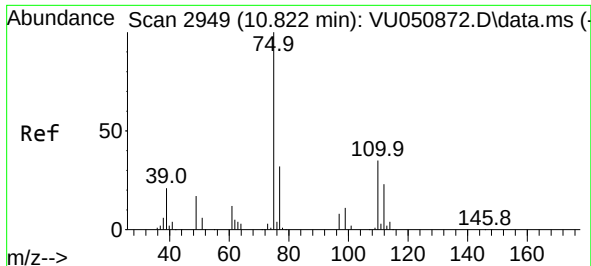
Tgt Ion: 83 Resp: 358471
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.9
131 9.0 7.1 10.7



#59
Bromoform
Concen: 83.148 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

Tgt Ion:173 Resp: 147493
Ion Ratio Lower Upper
173 100
175 48.5 37.8 56.8
254 9.2 7.1 10.7

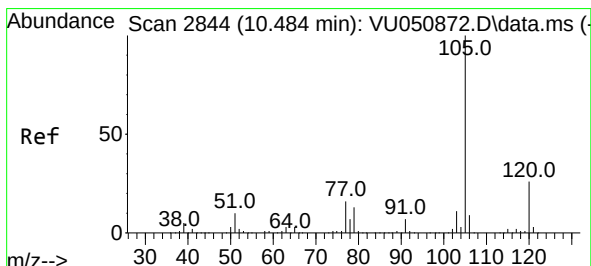
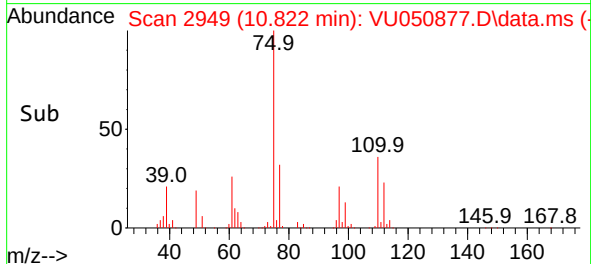
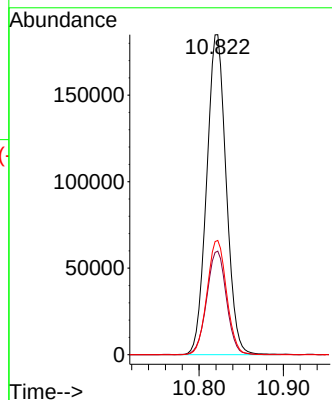
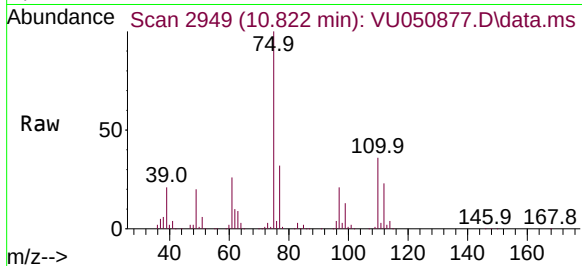




#60
1,2,3-Trichloropropane
Concen: 86.335 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

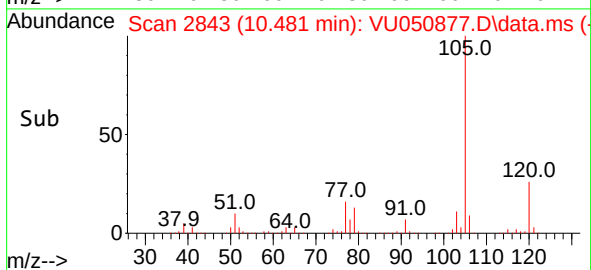
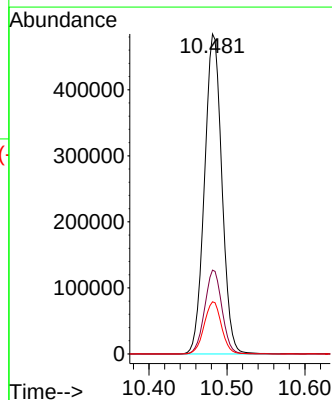
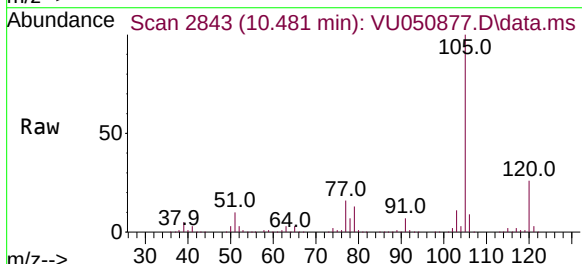
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MSD

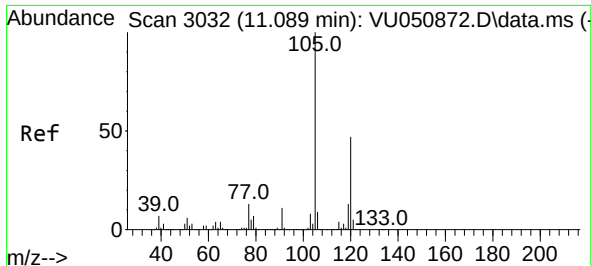
Tgt Ion: 75 Resp: 298449
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.4
110 35.7 28.6 43.0



#61
Isopropylbenzene
Concen: 85.485 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

Tgt Ion: 105 Resp: 750805
Ion Ratio Lower Upper
105 100
120 26.2 20.5 30.7
77 16.3 12.9 19.3

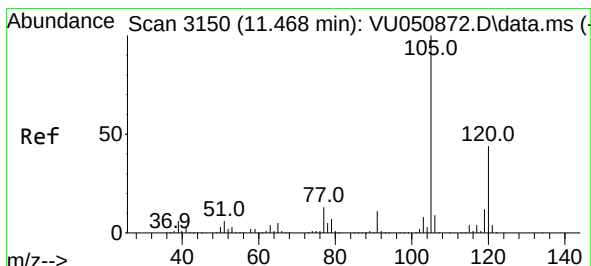
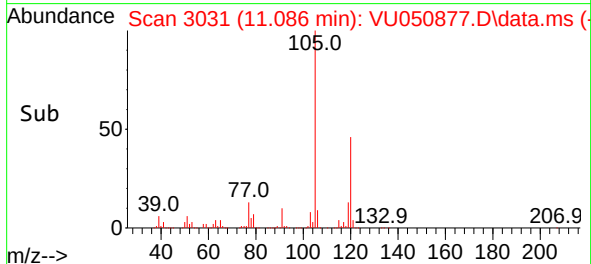
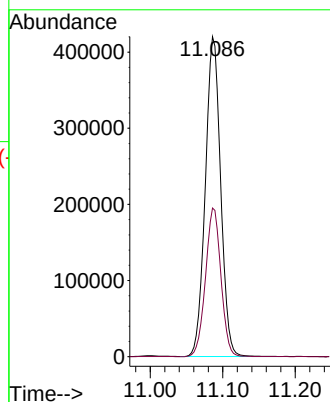
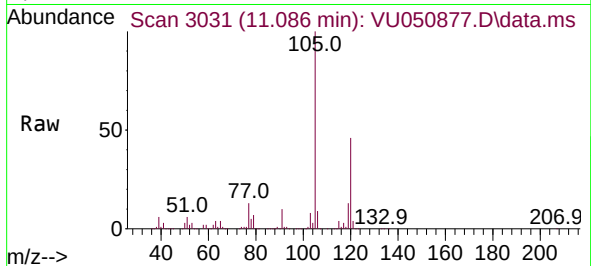




#62
1,3,5-Trimethylbenzene
Concen: 85.659 ug/L
RT: 11.086 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

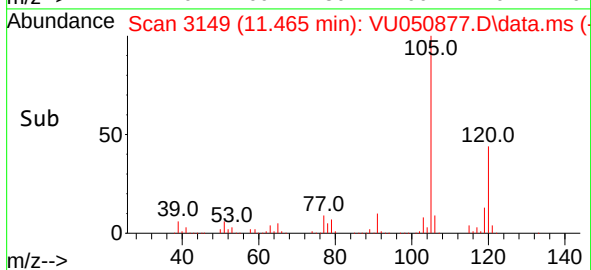
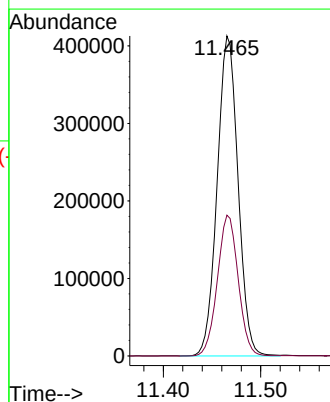
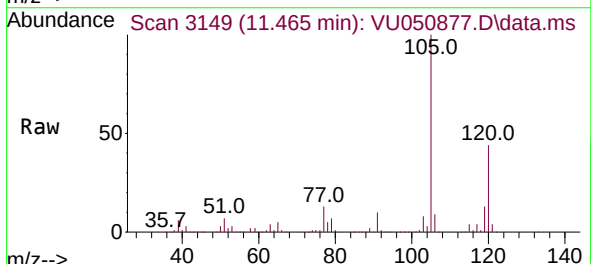
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MSD

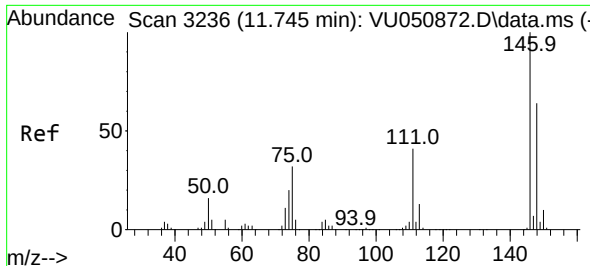
Tgt Ion:105 Resp: 618456
Ion Ratio Lower Upper
105 100
120 46.7 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 85.887 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

Tgt Ion:105 Resp: 614100
Ion Ratio Lower Upper
105 100
120 43.8 34.9 52.3

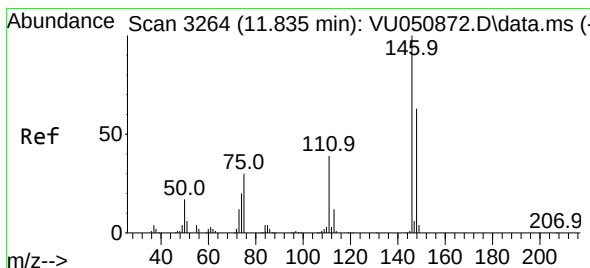
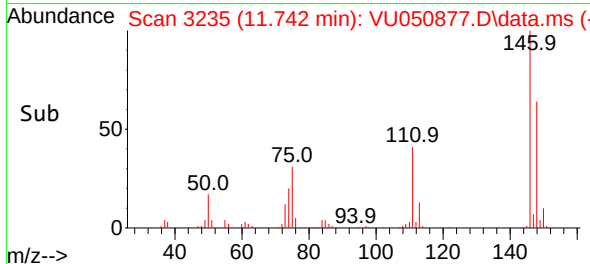
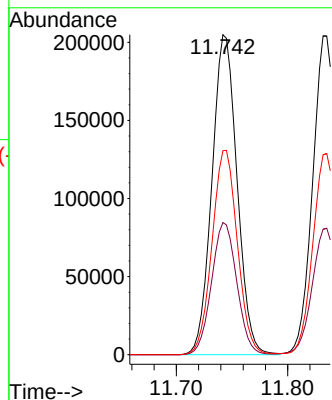
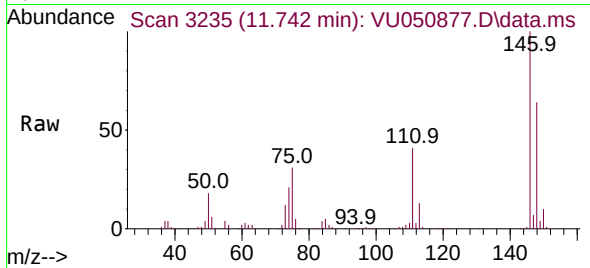




#64
1,3-Dichlorobenzene
Concen: 79.901 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

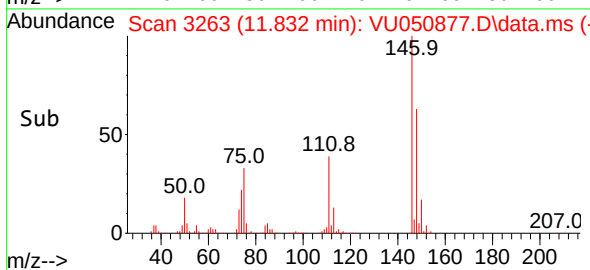
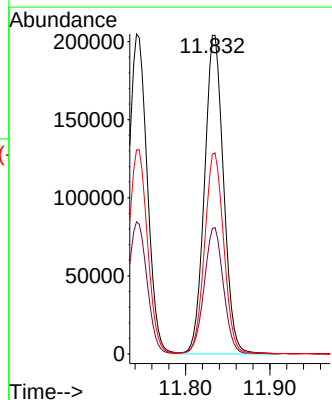
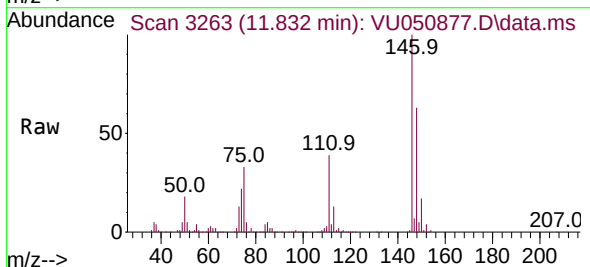
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MSD

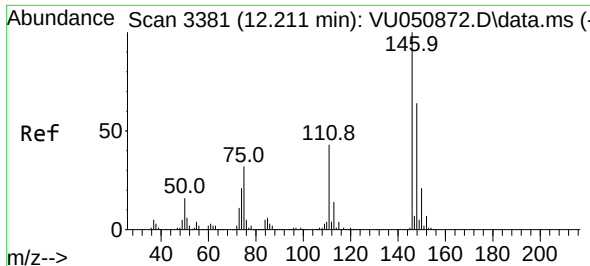
Tgt Ion:146 Resp: 320912
Ion Ratio Lower Upper
146 100
111 41.3 27.9 51.7
148 63.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 78.890 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU050877.D
Acq: 21 Sep 2022 12:46

Tgt Ion:146 Resp: 321675
Ion Ratio Lower Upper
146 100
111 39.4 27.5 51.1
148 62.7 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 78.867 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

EXZ25MSD

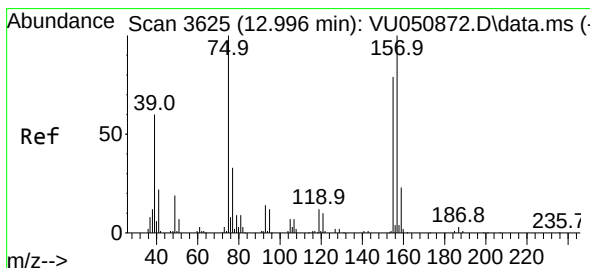
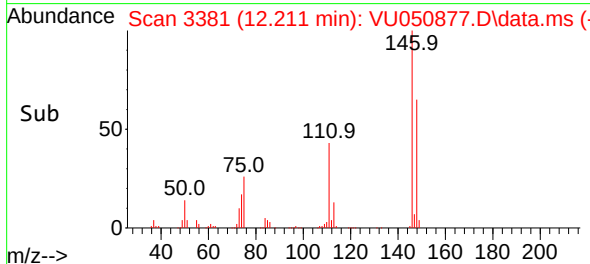
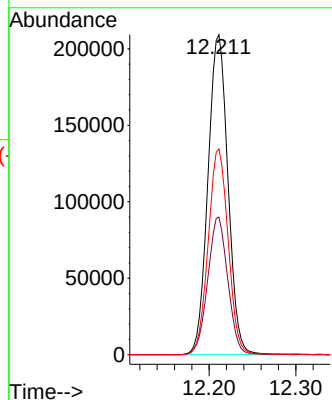
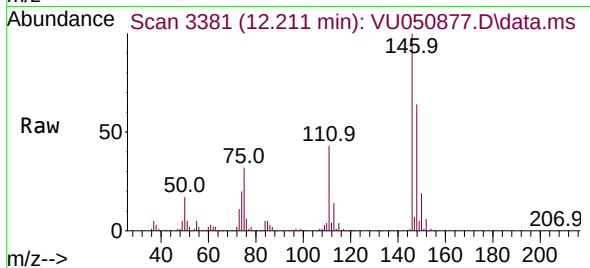
Tgt Ion:146 Resp: 335395

Ion Ratio Lower Upper

146 100

111 43.0 35.2 52.8

148 64.3 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 100.576 ug/L

RT: 12.993 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

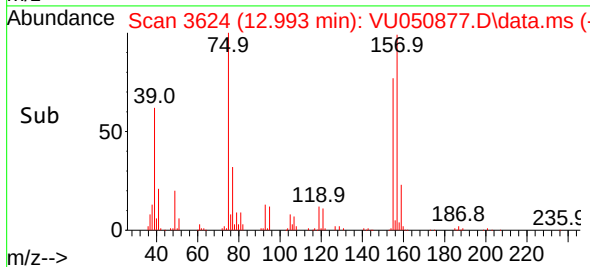
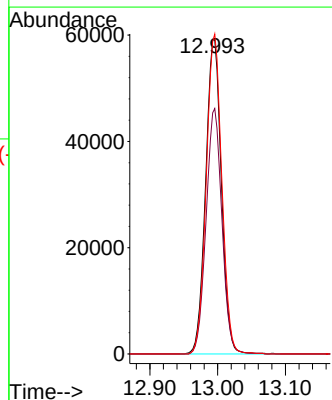
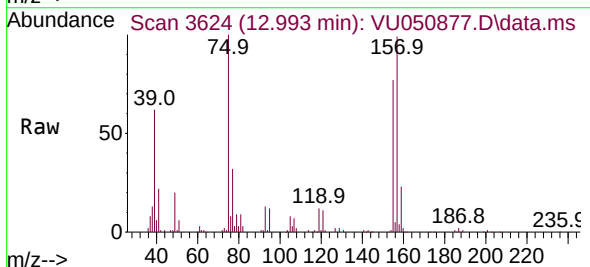
Tgt Ion: 75 Resp: 95624

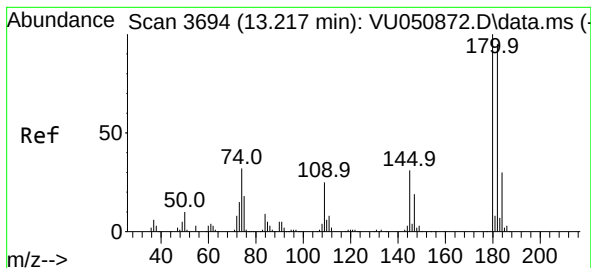
Ion Ratio Lower Upper

75 100

155 76.7 63.8 95.8

157 99.4 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 79.326 ug/L

RT: 13.218 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

EXZ25MSD

Tgt Ion:180 Resp: 222915

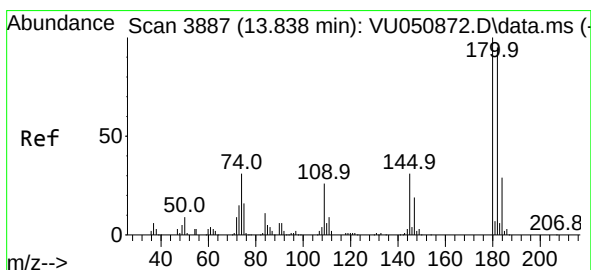
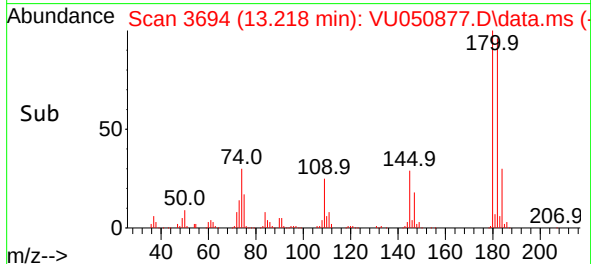
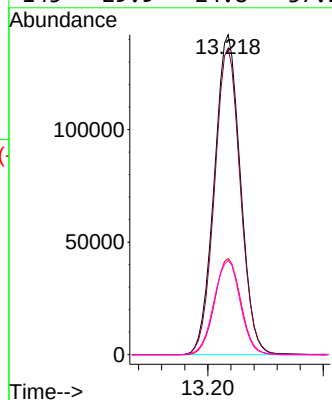
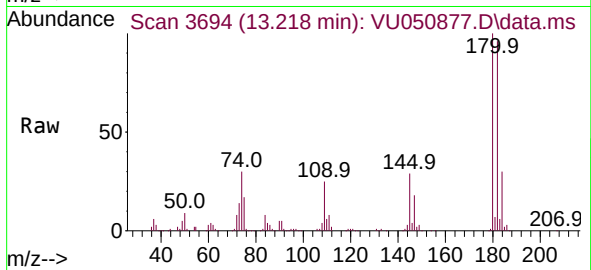
Ion Ratio Lower Upper

180 100

182 95.2 78.2 117.2

184 30.1 24.8 37.2

145 29.9 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 79.087 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

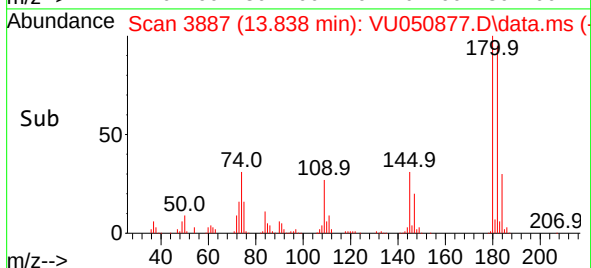
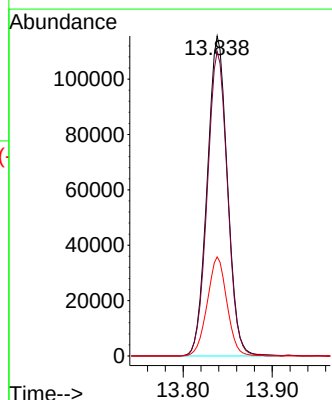
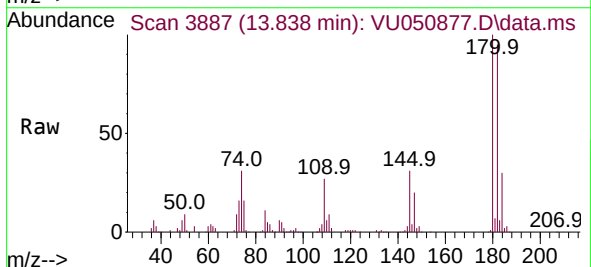
Tgt Ion:180 Resp: 181874

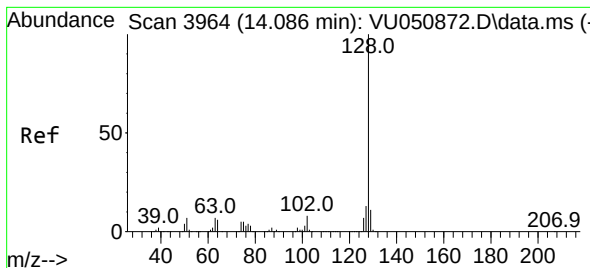
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 30.1 25.1 37.7





#71

Naphthalene

Concen: 86.921 ug/L

RT: 14.083 min Scan# 3963

Delta R.T. -0.003 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

EXZ25MSD

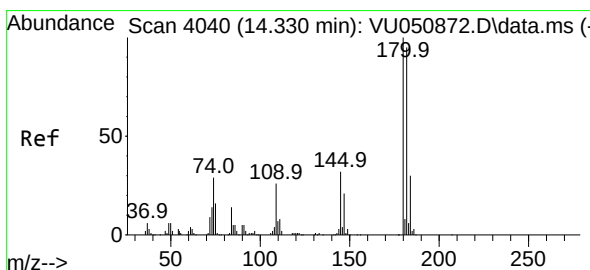
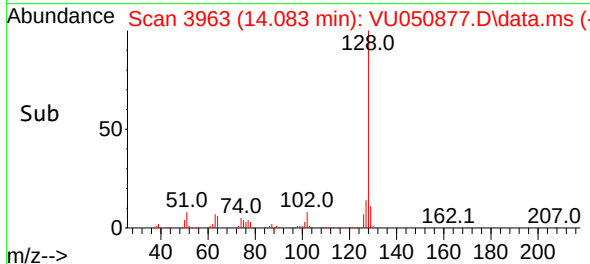
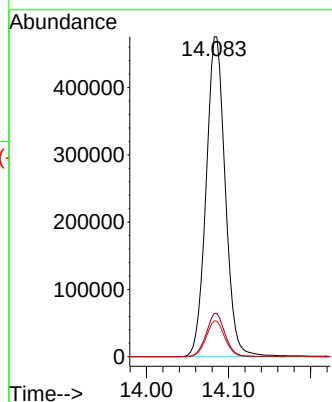
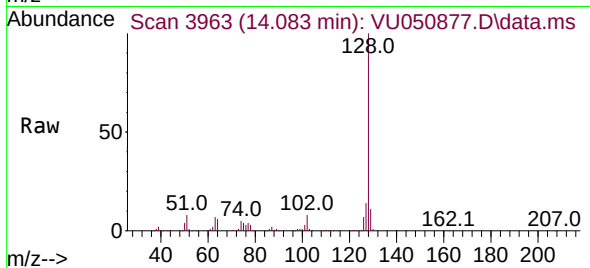
Tgt Ion:128 Resp: 768221

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 81.446 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. -0.003 min

Lab File: VU050877.D

Acq: 21 Sep 2022 12:46

Tgt Ion:180 Resp: 209624

Ion Ratio Lower Upper

180 100

182 96.4 76.9 115.3

145 33.0 26.3 39.5

