

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051210.D
 Acq On : 07 Oct 2022 06:46
 Operator : JC/MD
 Sample : N4890-04MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E1MSD

Quant Time: Oct 07 08:29:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	388894	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	405806	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	191806	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	153182	38.866	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.740%		
7) Chloroethane-d5	1.900	69	133735	36.529	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.060%		
11) 1,1-Dichloroethene-d2	2.562	63	244441	41.987	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.980%		
21) 2-Butanone-d5	4.620	46	205943	80.565	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.570%		
24) Chloroform-d	5.060	84	292189	46.015	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.040%		
26) 1,2-Dichloroethane-d4	5.700	65	179853	45.760	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.520%		
32) Benzene-d6	5.726	84	571054	48.054	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.100%		
36) 1,2-Dichloropropane-d6	6.690	67	192357	49.884	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.760%		
41) Toluene-d8	7.896	98	504379	45.938	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.880%		
43) trans-1,3-Dichloroprop...	8.179	79	76845	41.781	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.560%		
47) 2-Hexanone-d5	8.632	63	102195	65.635	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	65.630%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	300469	44.585	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.160%		
66) 1,2-Dichlorobenzene-d4	12.192	152	176288	43.023	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	131048	40.186	ug/L	100
3) Chloromethane	1.523	50	192568	49.979	ug/L	99
5) Vinyl chloride	1.601	62	191738	46.890	ug/L	99
6) Bromomethane	1.835	94	106143	31.337	ug/L	100
8) Chloroethane	1.922	64	120403	40.099	ug/L	100
9) Trichlorofluoromethane	2.131	101	207171	37.680	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	122348	41.210	ug/L	98
12) 1,1-Dichloroethene	2.575	96	123116	44.394	ug/L	93
13) Acetone	2.623	43	162613	79.664	ug/L	99
14) Carbon disulfide	2.787	76	364291	44.438	ug/L	99
15) Methyl Acetate	2.945	43	133550	35.836	ug/L	95
16) Methylene chloride	3.041	84	173138	43.489	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	133141	45.127	ug/L	97
18) Methyl tert-butyl Ether	3.363	73	431125	48.084	ug/L	98
19) 1,1-Dichloroethane	3.867	63	284646	50.790	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	156229	47.425	ug/L	99
22) 2-Butanone	4.700	43	250661	88.879	ug/L	97
23) Bromochloromethane	4.970	128	86460	47.901	ug/L	90
25) Chloroform	5.086	83	295888	48.538	ug/L	99

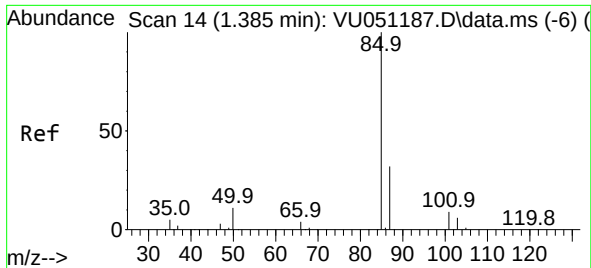
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
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 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	228961	49.031	ug/L	99
29) Cyclohexane	5.385	56	179713	45.482	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	221850	46.615	ug/L	99
31) Carbon tetrachloride	5.523	117	174382	44.908	ug/L	98
33) Benzene	5.771	78	652163	52.714	ug/L	100
34) Trichloroethene	6.539	95	146141	45.606	ug/L	97
35) Methylcyclohexane	6.761	83	174089	39.917	ug/L	95
37) 1,2-Dichloropropane	6.790	63	181549	54.493	ug/L	99
38) Bromodichloromethane	7.102	83	222430	50.028	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	214097	45.376	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	483836	100.281	ug/L	97
42) Toluene	7.967	91	678409	51.553	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	208369	43.677	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	177999	49.325	ug/L	98
46) Tetrachloroethene	8.552	164	98900	40.727	ug/L	98
48) 2-Hexanone	8.681	43	421204	96.114	ug/L	98
49) Dibromochloromethane	8.809	129	170514	44.942	ug/L	97
50) 1,2-Dibromoethane	8.922	107	176052	44.996	ug/L	97
51) Chlorobenzene	9.446	112	396676	44.326	ug/L	99
52) Ethylbenzene	9.568	91	613878	43.734	ug/L	100
53) m,p-Xylene	9.694	106	237388	44.973	ug/L	97
54) o-Xylene	10.099	106	241123	45.703	ug/L	100
55) Styrene	10.112	104	424507	46.553	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	317475	49.708	ug/L	98
59) Bromoform	10.288	173	126073	44.672	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	241113	47.769	ug/L	97
61) Isopropylbenzene	10.485	105	573609	46.036	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	460001	45.149	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	464351	45.473	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	276837	43.098	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	277448	43.210	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	299946	45.450	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	58427	39.666	ug/L	93
69) 1,3,5-Trichlorobenzene	13.218	180	168126	38.598	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	126389	35.463	ug/L	97
71) Naphthalene	14.086	128	462301	36.242	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	156331	39.310	ug/L	100

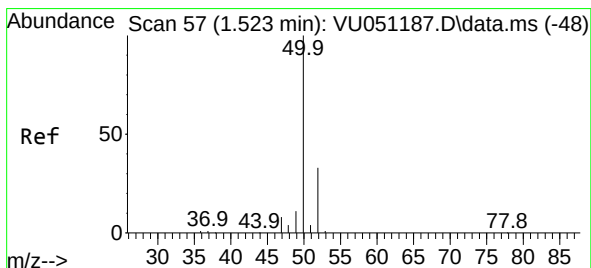
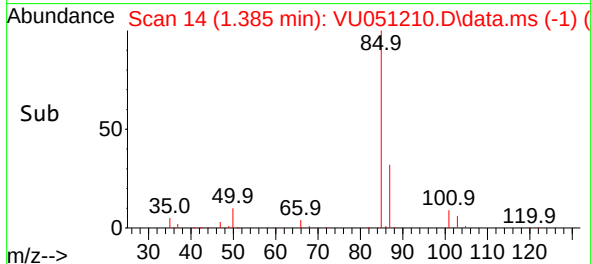
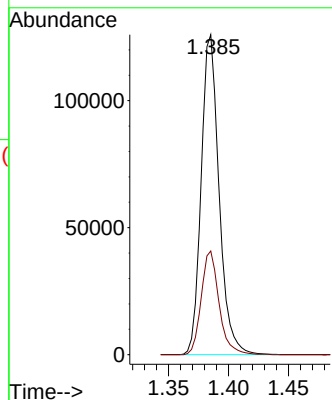
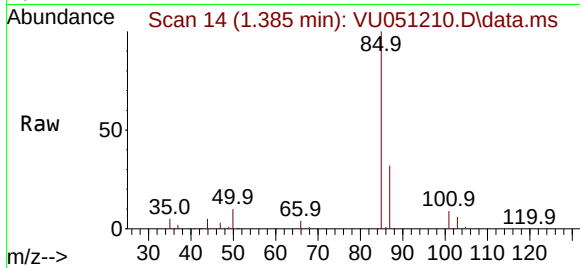
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#2
Dichlorodifluoromethane
Concen: 40.186 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

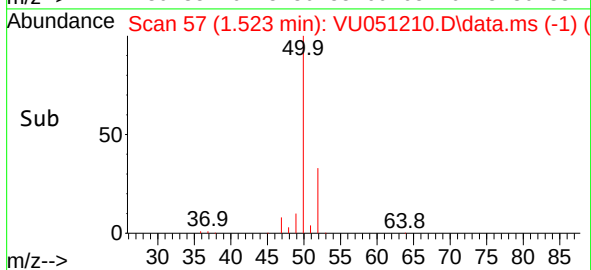
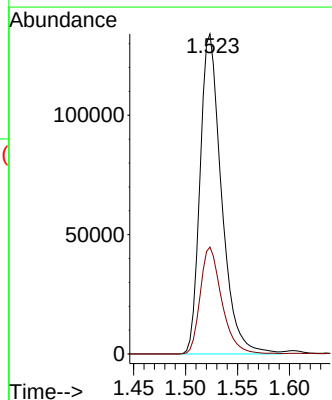
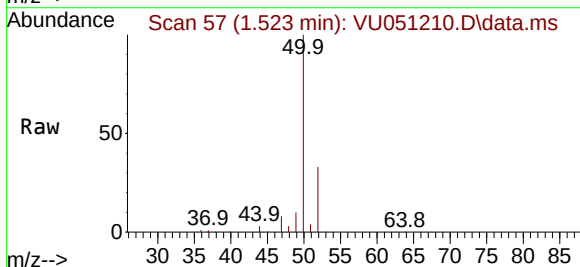
Instrument :
MSVOA_U
ClientSampleId :
EY0E1MSD

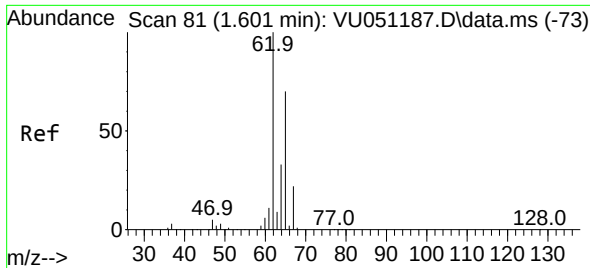
Tgt Ion: 85 Resp: 131048
Ion Ratio Lower Upper
85 100
87 32.3 25.9 38.9



#3
Chloromethane
Concen: 49.979 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Tgt Ion: 50 Resp: 192568
Ion Ratio Lower Upper
50 100
52 33.4 23.7 44.1

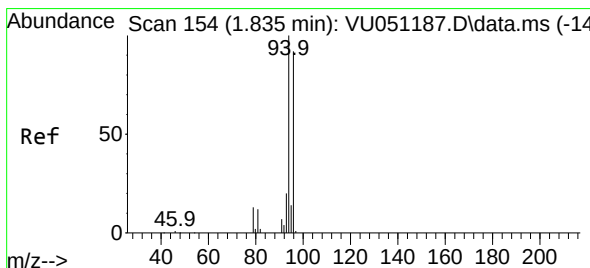
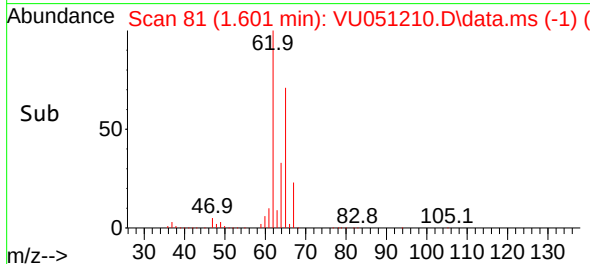
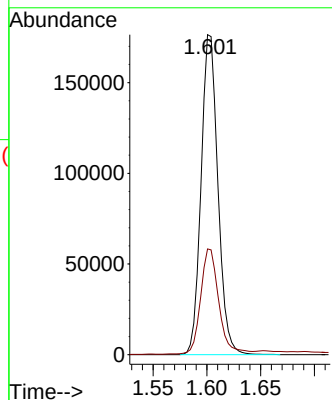
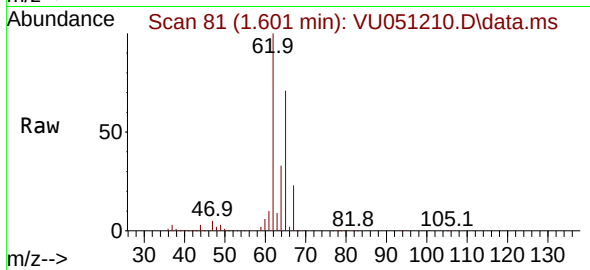




#5
 Vinyl chloride
 Concen: 46.890 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051210.D
 Acq: 07 Oct 2022 06:46

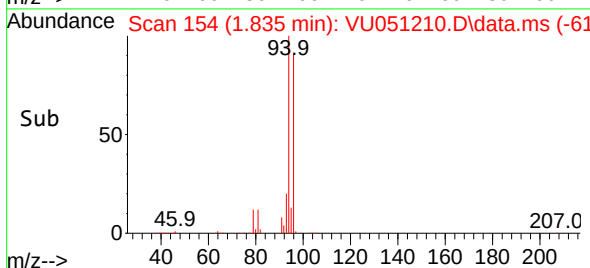
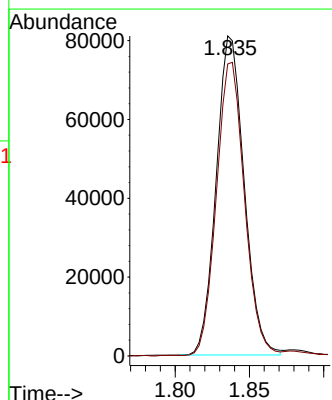
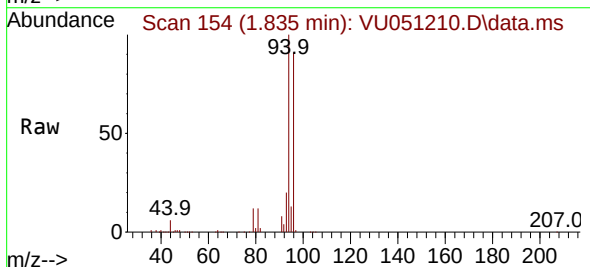
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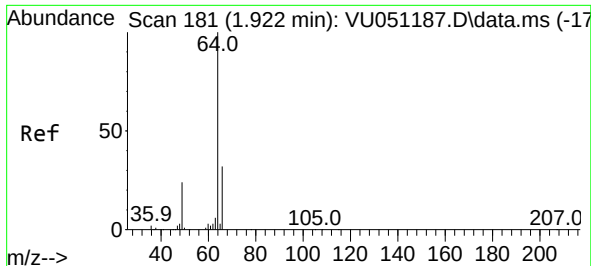
Tgt Ion: 62 Resp: 191738
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.5 43.7



#6
 Bromomethane
 Concen: 31.337 ug/L
 RT: 1.835 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: VU051210.D
 Acq: 07 Oct 2022 06:46

Tgt Ion: 94 Resp: 106143
 Ion Ratio Lower Upper
 94 100
 96 91.3 63.9 118.7

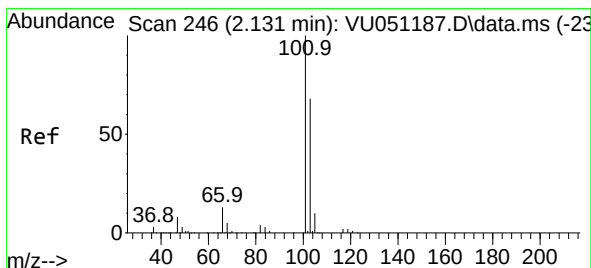
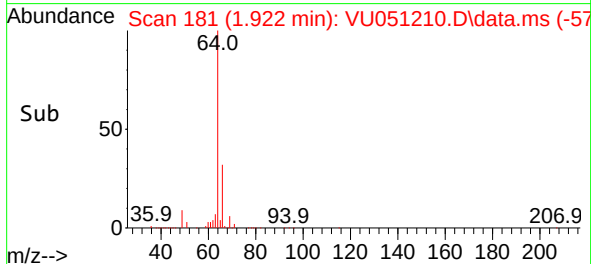
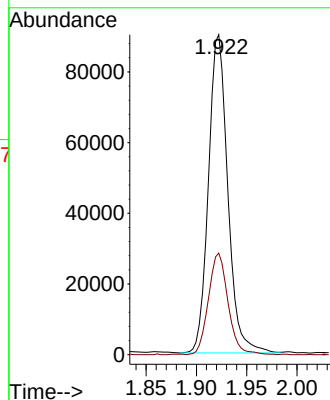
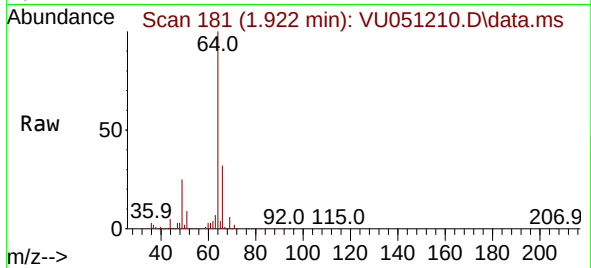




#8
Chloroethane
Concen: 40.099 ug/L
RT: 1.922 min Scan# 181
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

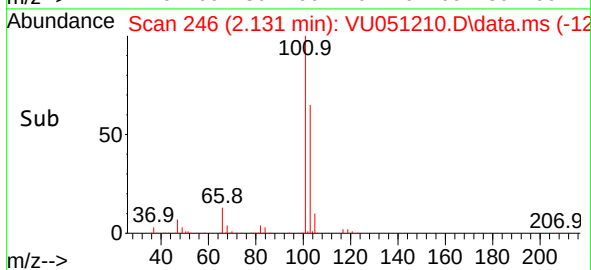
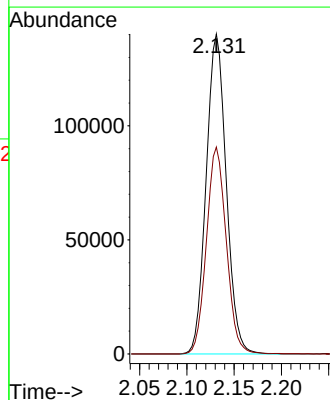
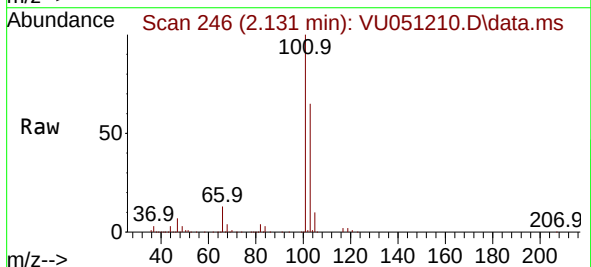
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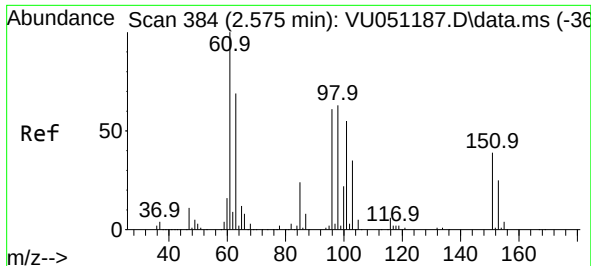
Tgt Ion: 64 Resp: 120403
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 37.680 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Tgt Ion: 101 Resp: 207171
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6

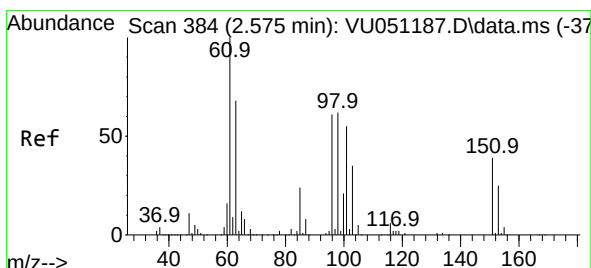
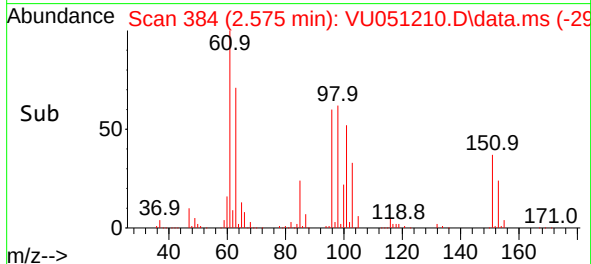
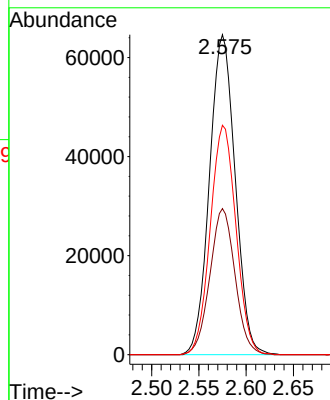
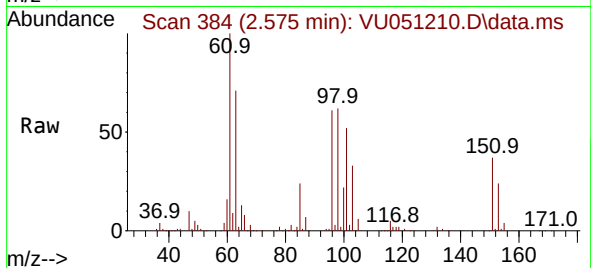




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 41.210 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU051210.D
 Acq: 07 Oct 2022 06:46

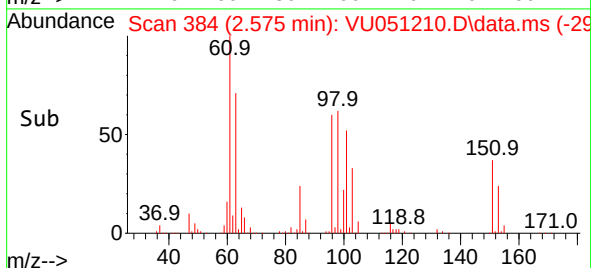
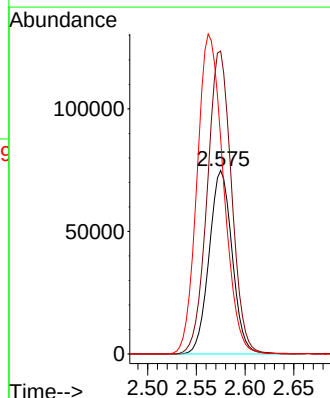
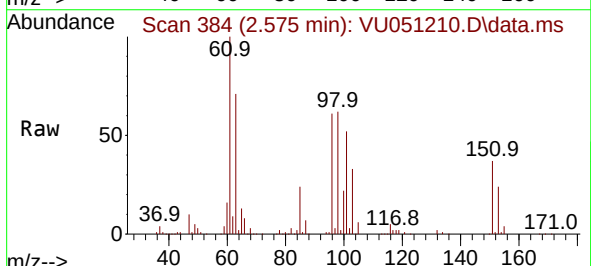
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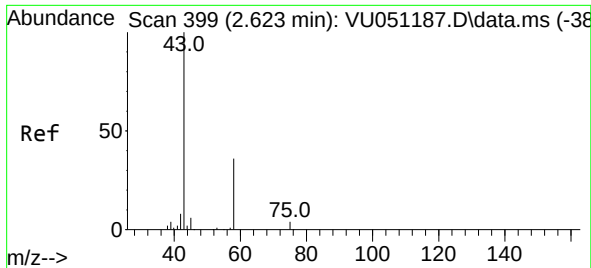
Tgt Ion:101 Resp: 122348
 Ion Ratio Lower Upper
 101 100
 85 44.6 34.6 52.0
 151 71.6 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 44.394 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU051210.D
 Acq: 07 Oct 2022 06:46

Tgt Ion: 96 Resp: 123116
 Ion Ratio Lower Upper
 96 100
 61 165.2 113.0 209.9
 63 117.3 91.7 170.3





#13

Acetone

Concen: 79.664 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU051210.D

Acq: 07 Oct 2022 06:46

Instrument :

MSVOA_U

ClientSampleId :

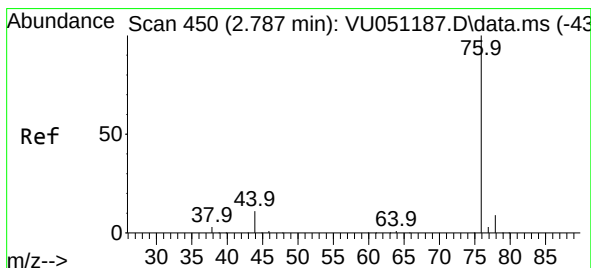
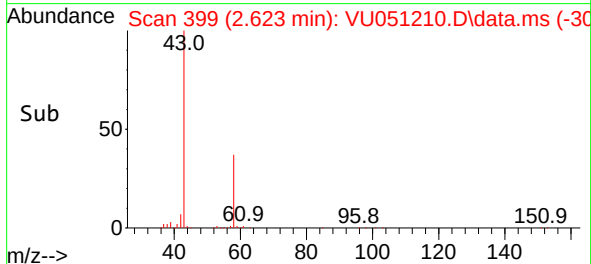
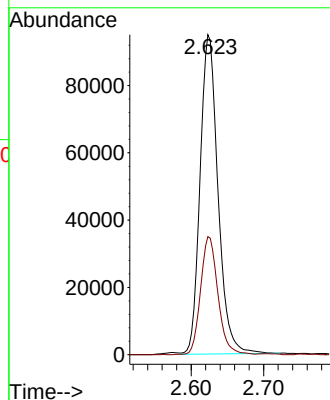
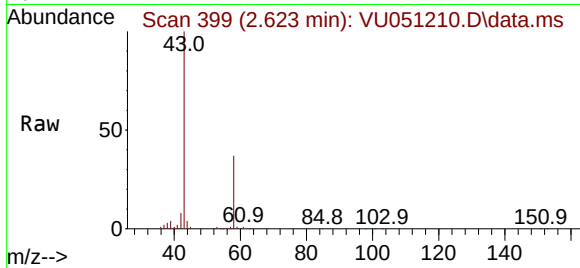
EY0E1MSD

Tgt Ion: 43 Resp: 162613

Ion Ratio Lower Upper

43 100

58 35.9 0.0 73.6



#14

Carbon disulfide

Concen: 44.438 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU051210.D

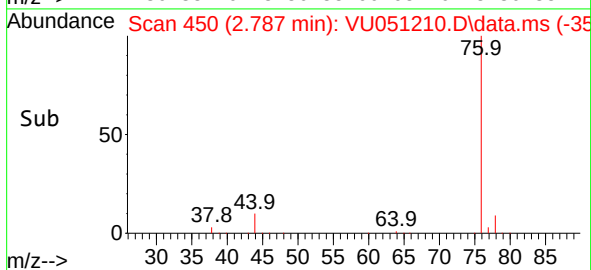
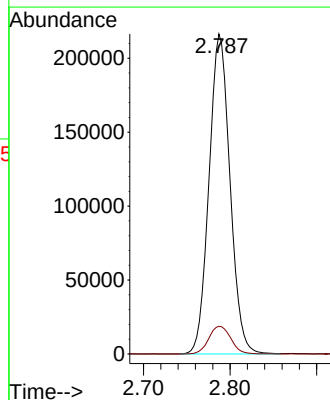
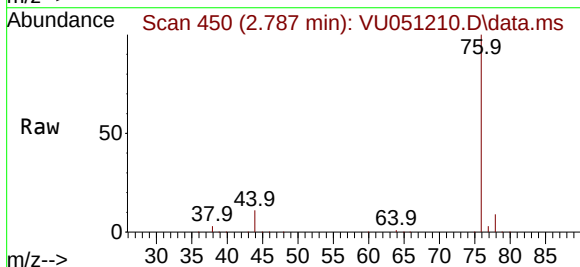
Acq: 07 Oct 2022 06:46

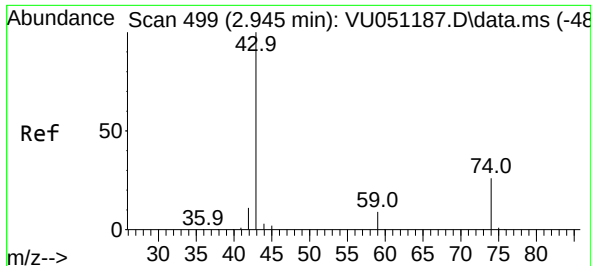
Tgt Ion: 76 Resp: 364291

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

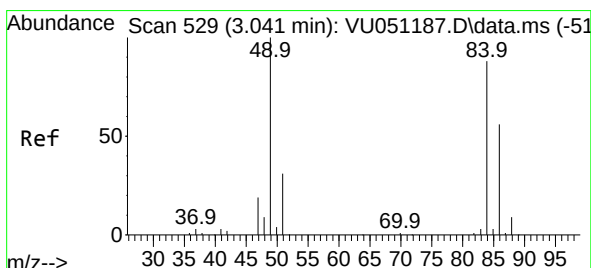
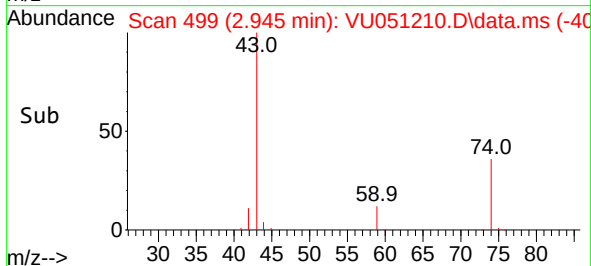
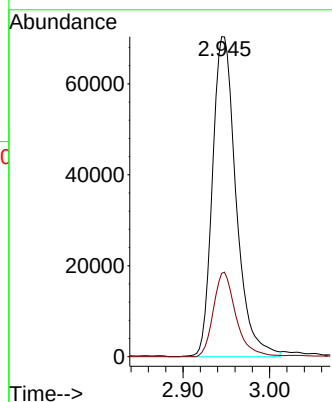
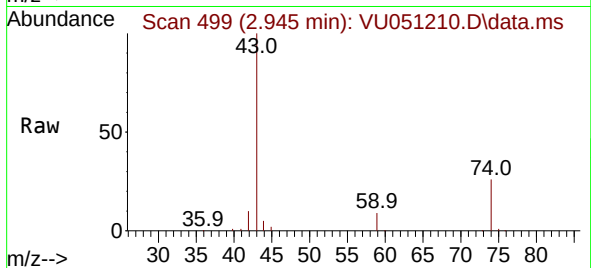




#15
Methyl Acetate
Concen: 35.836 ug/L
RT: 2.945 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

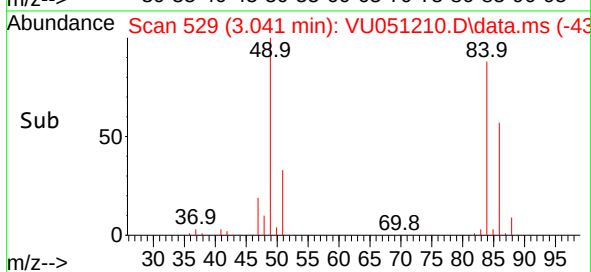
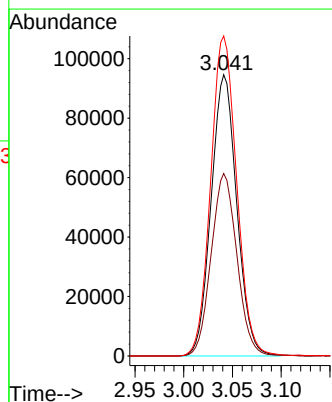
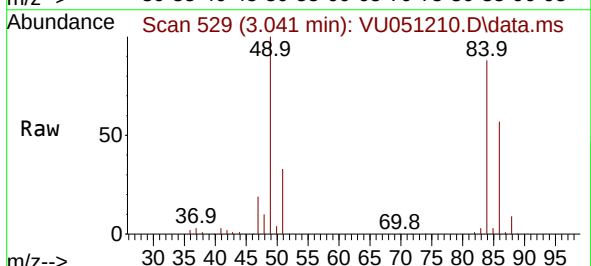
Instrument :
MSVOA_U
ClientSampleId :
EY0E1MSD

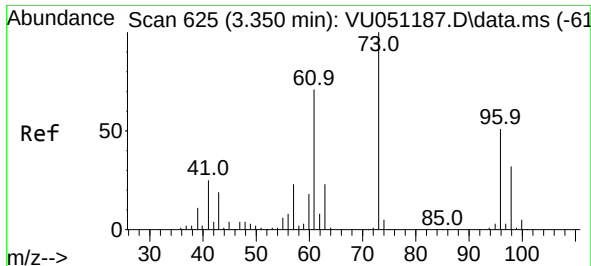
Tgt Ion: 43 Resp: 133550
Ion Ratio Lower Upper
43 100
74 25.1 22.4 33.6



#16
Methylene chloride
Concen: 43.489 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Tgt Ion: 84 Resp: 173138
Ion Ratio Lower Upper
84 100
86 64.9 45.4 84.4
49 113.8 78.3 145.3





#17

trans-1,2-Dichloroethene

Concen: 45.127 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051210.D

Acq: 07 Oct 2022 06:46

Instrument :

MSVOA_U

ClientSampleId :

EY0E1MSD

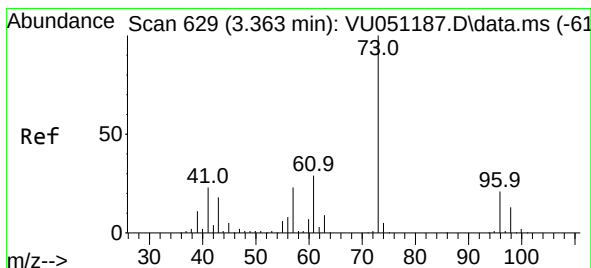
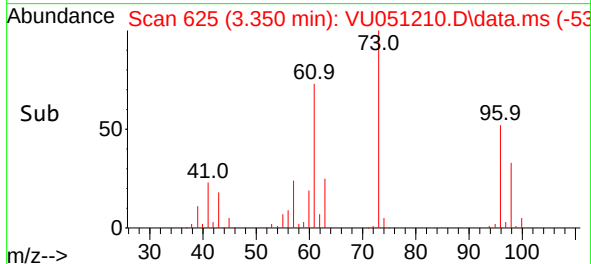
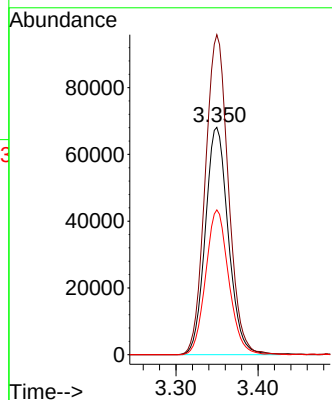
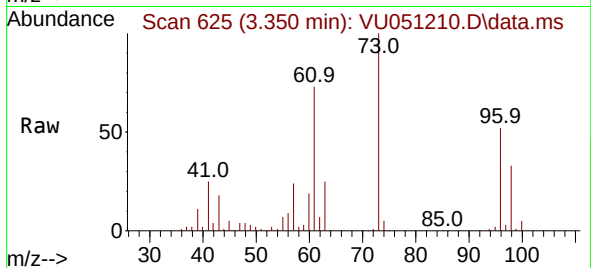
Tgt Ion: 96 Resp: 133141

Ion Ratio Lower Upper

96 100

61 140.7 95.1 176.5

98 63.7 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 48.084 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU051210.D

Acq: 07 Oct 2022 06:46

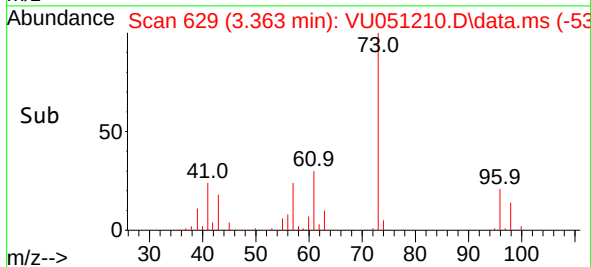
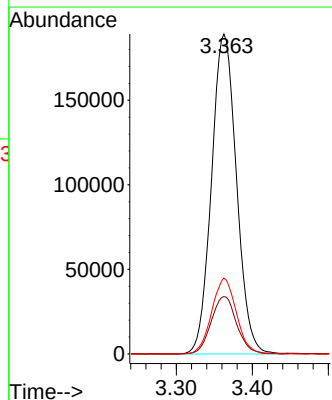
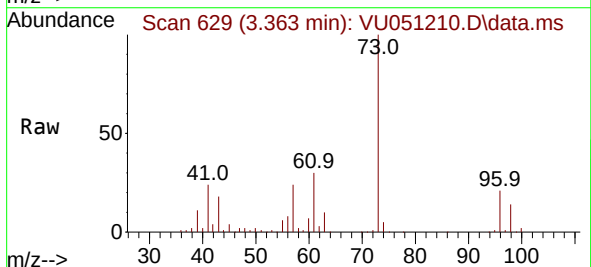
Tgt Ion: 73 Resp: 431125

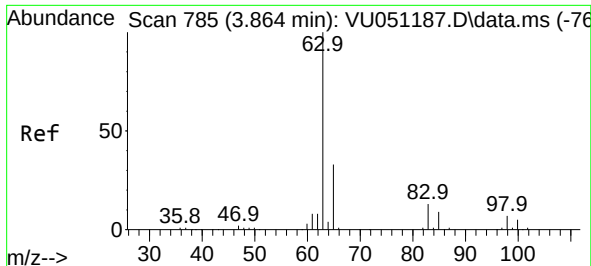
Ion Ratio Lower Upper

73 100

43 18.4 14.7 22.1

57 23.4 17.5 26.3





#19

1,1-Dichloroethane

Concen: 50.790 ug/L

RT: 3.867 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU051210.D

Acq: 07 Oct 2022 06:46

Instrument :

MSVOA_U

ClientSampleId :

EY0E1MSD

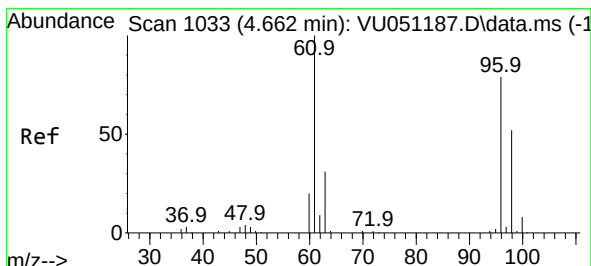
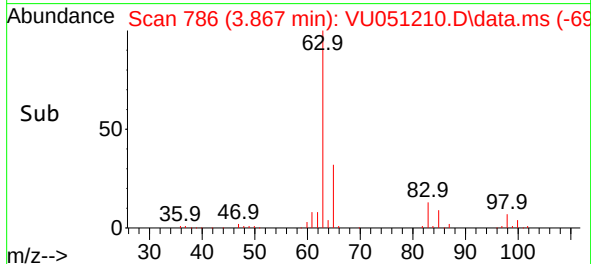
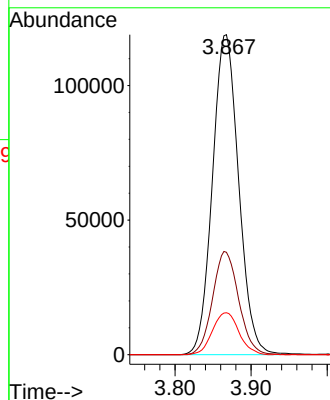
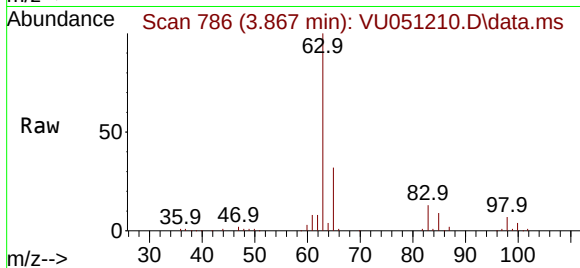
Tgt Ion: 63 Resp: 284646

Ion Ratio Lower Upper

63 100

65 32.0 22.6 42.0

83 13.1 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 47.425 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU051210.D

Acq: 07 Oct 2022 06:46

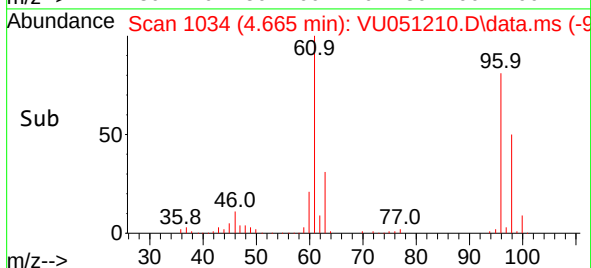
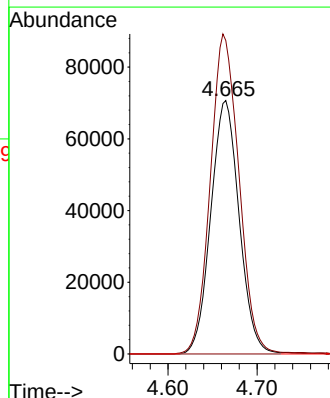
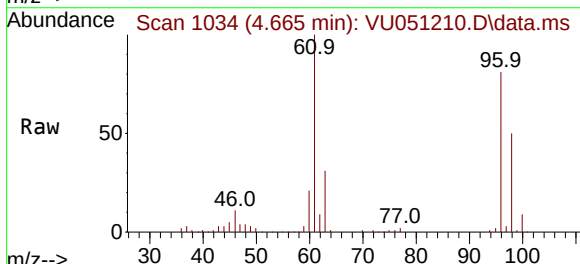
Tgt Ion: 96 Resp: 156229

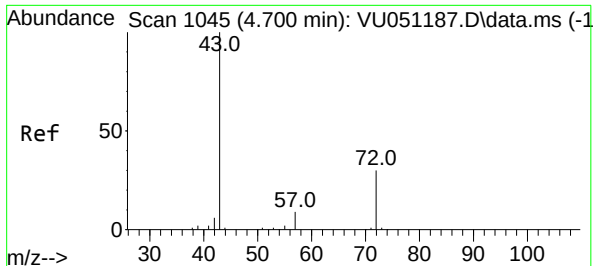
Ion Ratio Lower Upper

96 100

61 123.7 85.4 158.6

68 0.0 0.0 0.0

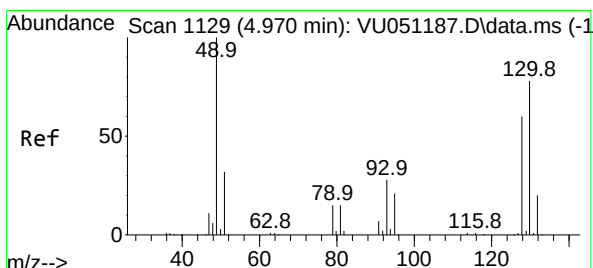
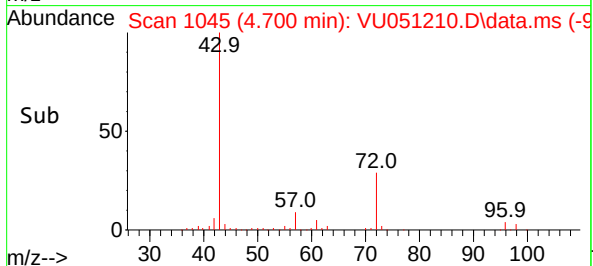
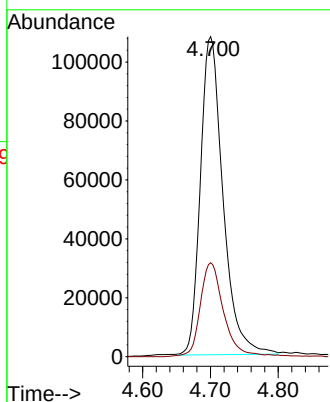
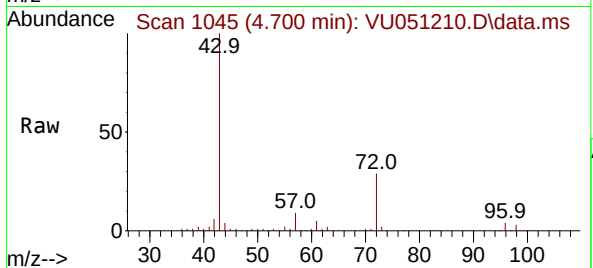




#22
2-Butanone
Concen: 88.879 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

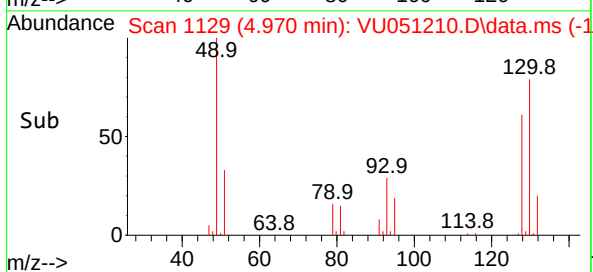
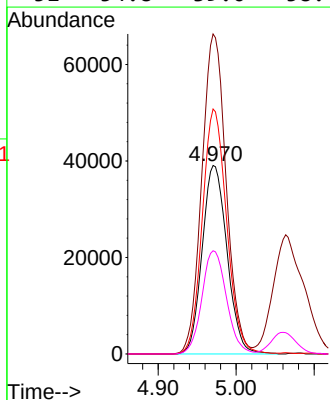
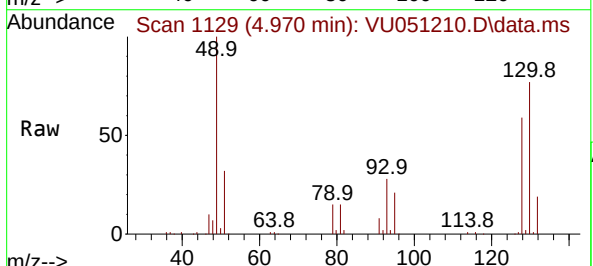
Instrument :
MSVOA_U
ClientSampleId :
EY0E1MSD

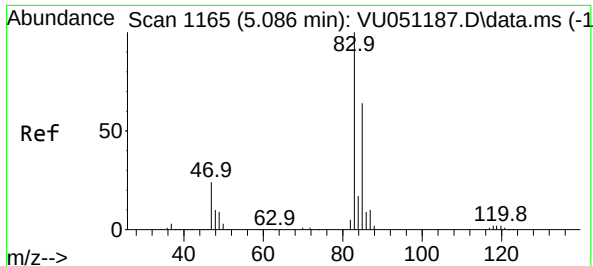
Tgt Ion: 43 Resp: 250661
Ion Ratio Lower Upper
43 100
72 30.2 15.8 47.4



#23
Bromochloromethane
Concen: 47.901 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Tgt Ion: 128 Resp: 86460
Ion Ratio Lower Upper
128 100
49 169.8 106.9 198.5
130 130.0 86.2 160.0
51 54.8 39.0 58.4





#25

Chloroform

Concen: 48.538 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051210.D

Acq: 07 Oct 2022 06:46

Instrument :

MSVOA_U

ClientSampleId :

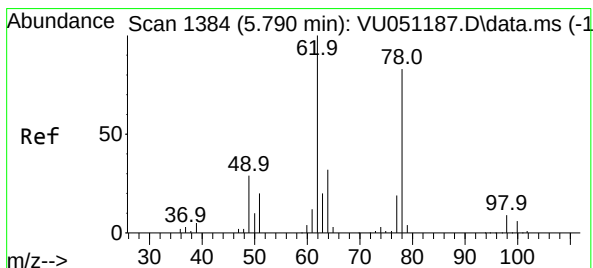
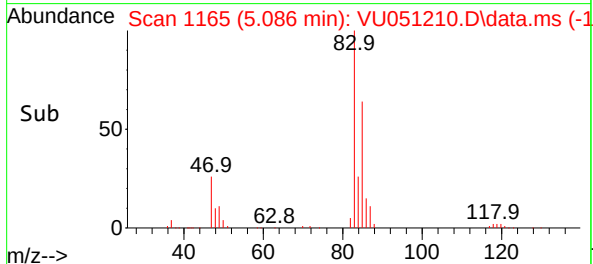
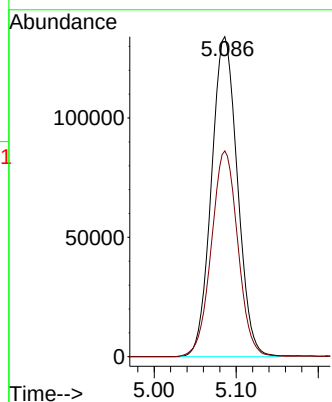
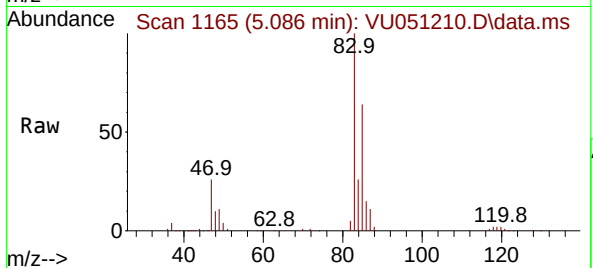
EY0E1MSD

Tgt Ion: 83 Resp: 295888

Ion Ratio Lower Upper

83 100

85 64.3 45.7 84.9



#27

1,2-Dichloroethane

Concen: 49.031 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU051210.D

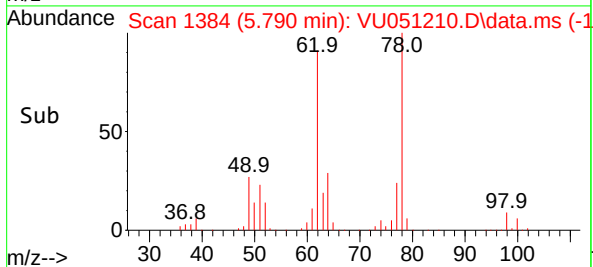
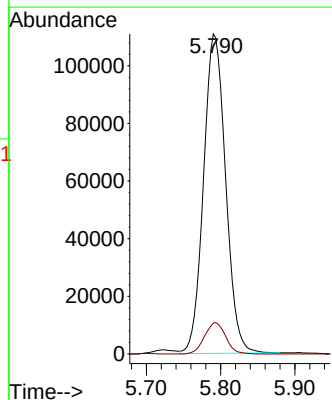
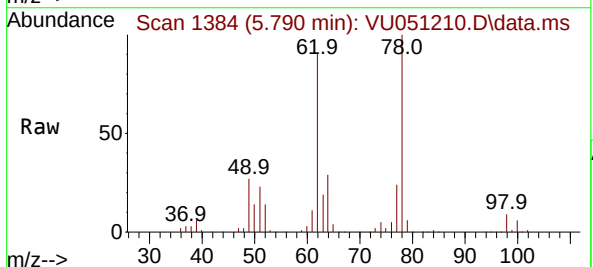
Acq: 07 Oct 2022 06:46

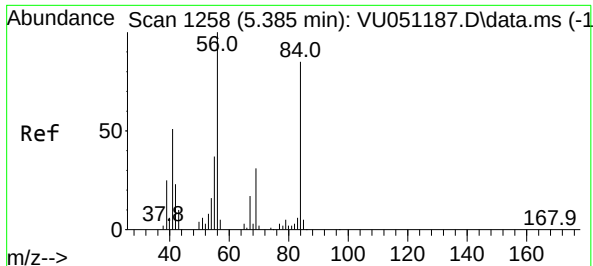
Tgt Ion: 62 Resp: 228961

Ion Ratio Lower Upper

62 100

98 9.6 7.3 10.9





#29

Cyclohexane

Concen: 45.482 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU051210.D

Acq: 07 Oct 2022 06:46

Instrument :

MSVOA_U

ClientSampleId :

EY0E1MSD

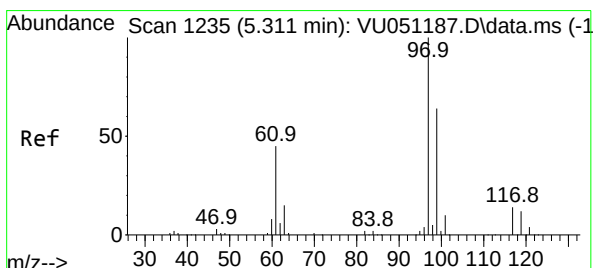
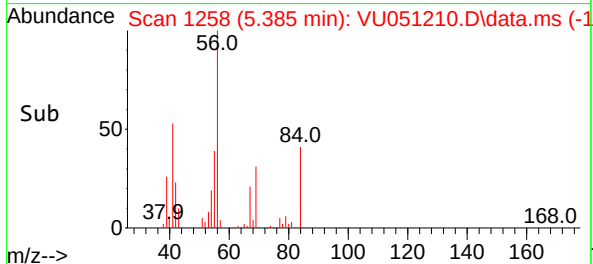
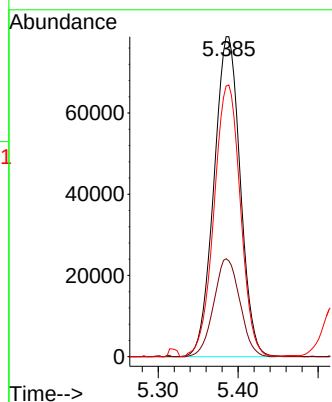
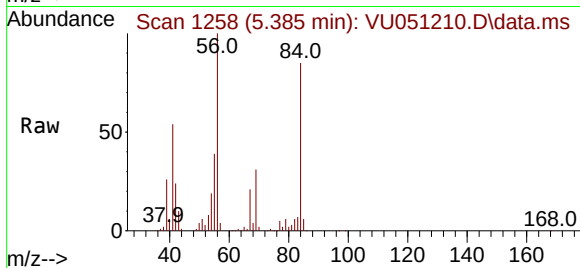
Tgt Ion: 56 Resp: 179713

Ion Ratio Lower Upper

56 100

69 30.4 24.8 37.2

84 85.3 71.8 107.6



#30

1,1,1-Trichloroethane

Concen: 46.615 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU051210.D

Acq: 07 Oct 2022 06:46

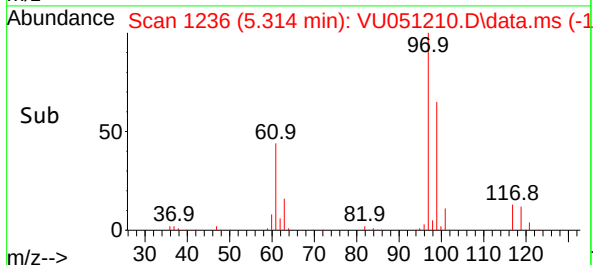
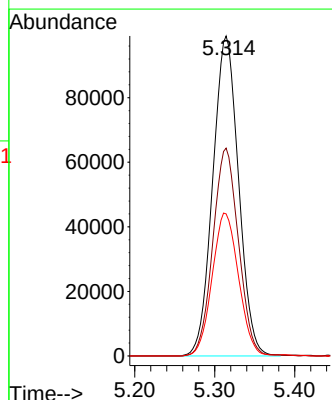
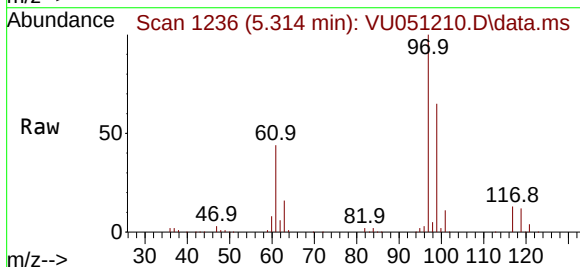
Tgt Ion: 97 Resp: 221850

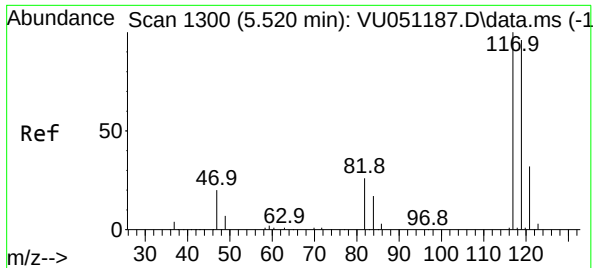
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.2

61 45.7 36.0 54.0

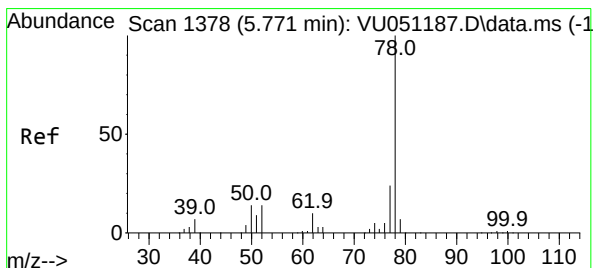
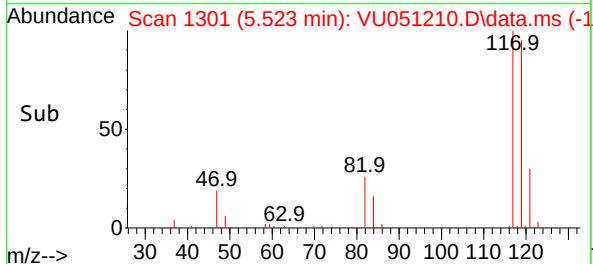
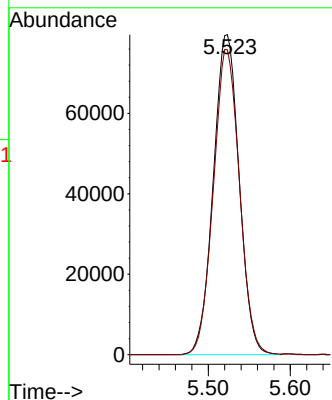
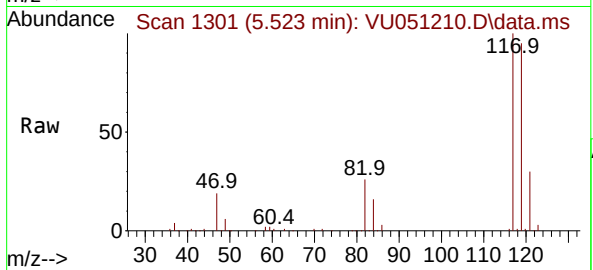




#31
Carbon tetrachloride
Concen: 44.908 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

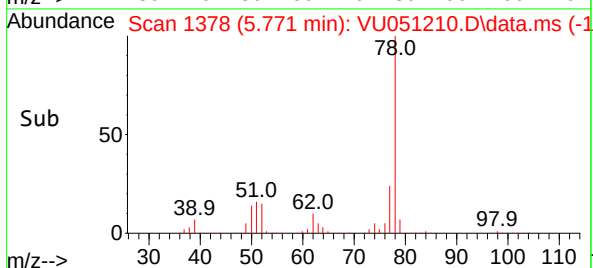
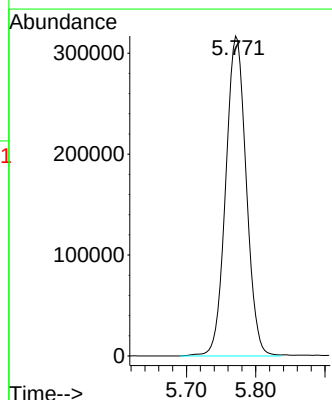
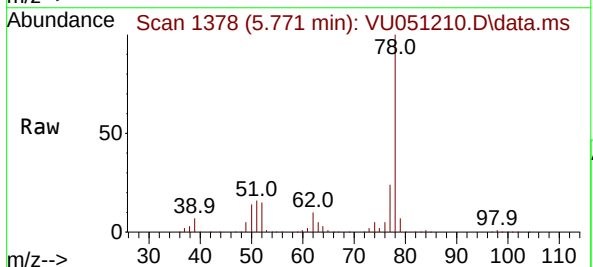
Instrument :
MSVOA_U
ClientSampleId :
EY0E1MSD

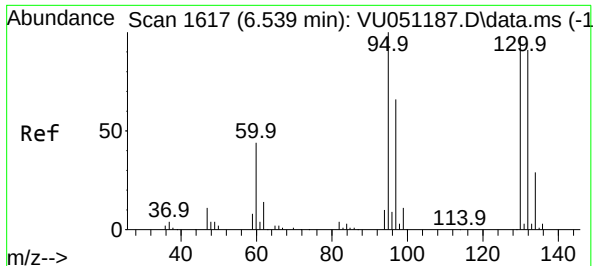
Tgt Ion:117 Resp: 174382
Ion Ratio Lower Upper
117 100
119 96.1 75.7 113.5



#33
Benzene
Concen: 52.714 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Tgt Ion: 78 Resp: 652163





#34

Trichloroethene

Concen: 45.606 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051210.D

Acq: 07 Oct 2022 06:46

Instrument :

MSVOA_U

ClientSampleId :

EY0E1MSD

Tgt Ion: 95 Resp: 146141

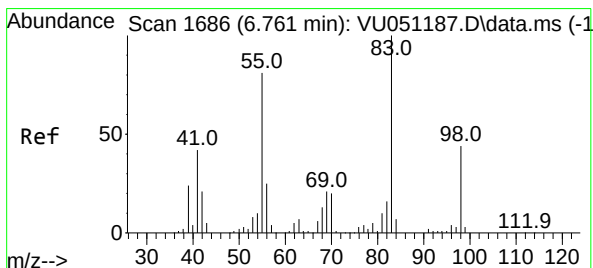
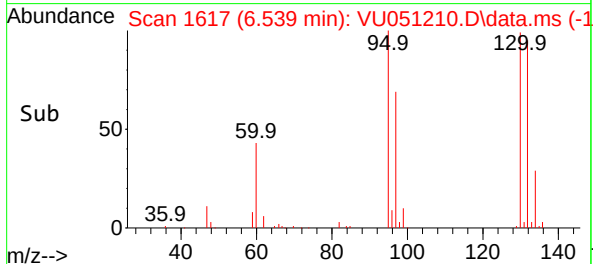
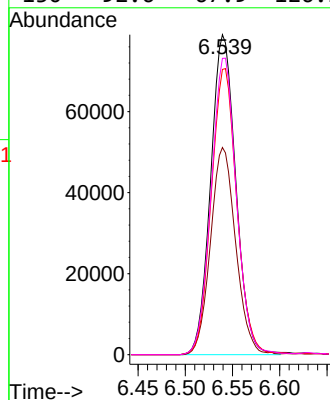
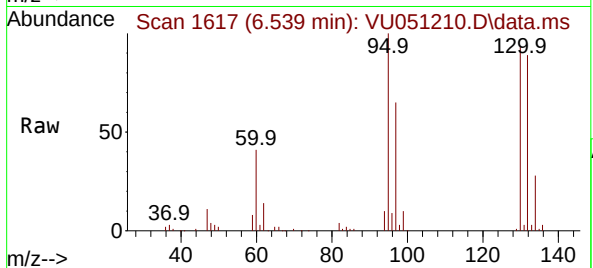
Ion Ratio Lower Upper

95 100

97 64.8 45.9 85.3

132 89.2 64.0 119.0

130 92.6 67.9 126.1



#35

Methylcyclohexane

Concen: 39.917 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU051210.D

Acq: 07 Oct 2022 06:46

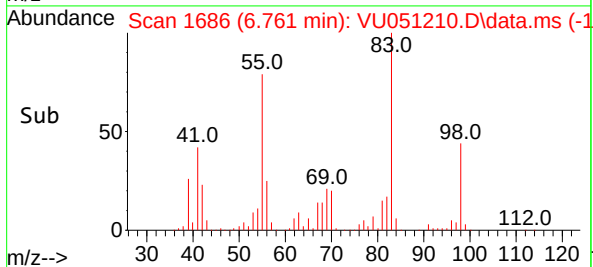
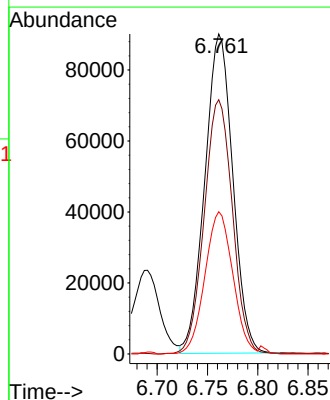
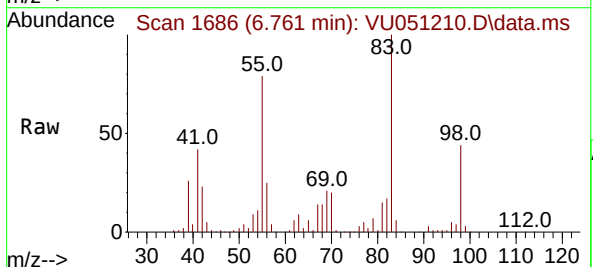
Tgt Ion: 83 Resp: 174089

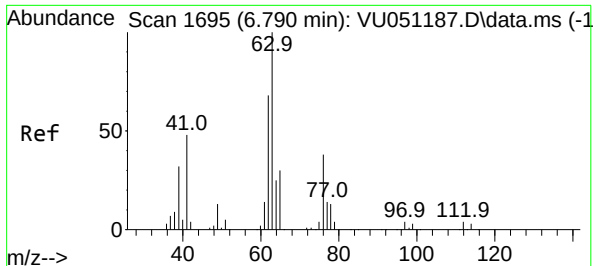
Ion Ratio Lower Upper

83 100

55 80.4 59.3 88.9

98 44.1 36.0 54.0

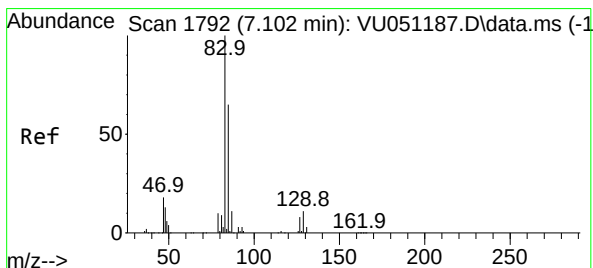
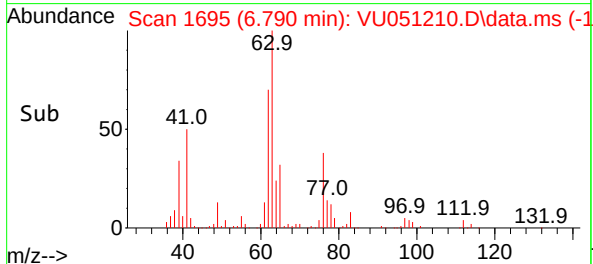
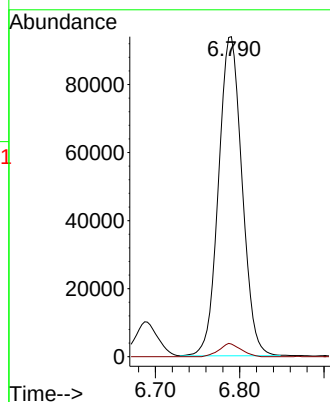
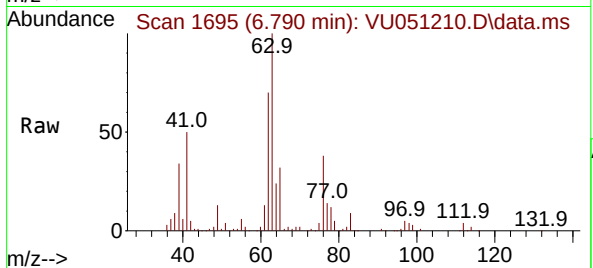




#37
1,2-Dichloropropane
Concen: 54.493 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

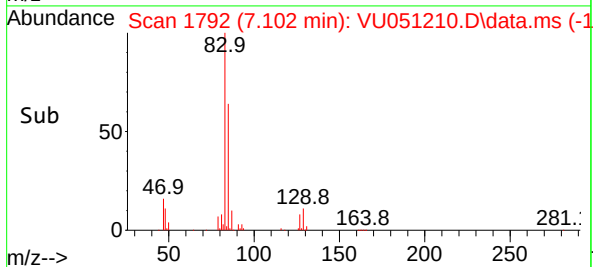
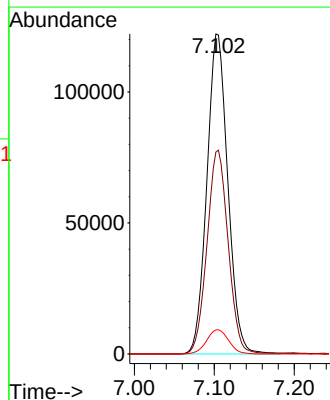
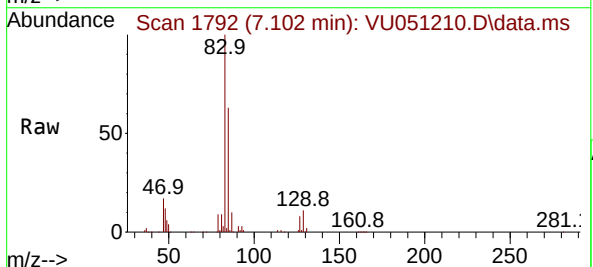
Instrument :
MSVOA_U
ClientSampleId :
EY0E1MSD

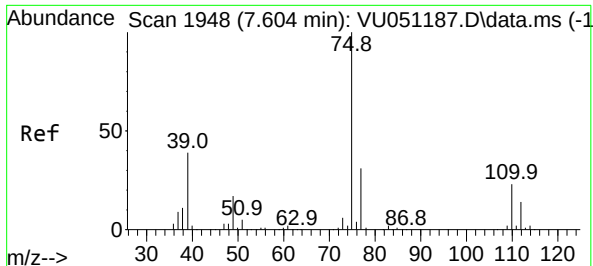
Tgt Ion: 63 Resp: 181549
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9



#38
Bromodichloromethane
Concen: 50.028 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Tgt Ion: 83 Resp: 222430
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.7
127 7.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 45.376 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU051210.D

Acq: 07 Oct 2022 06:46

Instrument :

MSVOA_U

ClientSampleId :

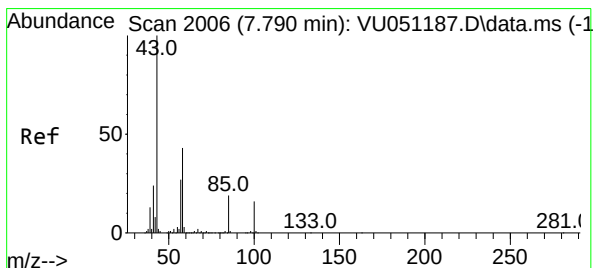
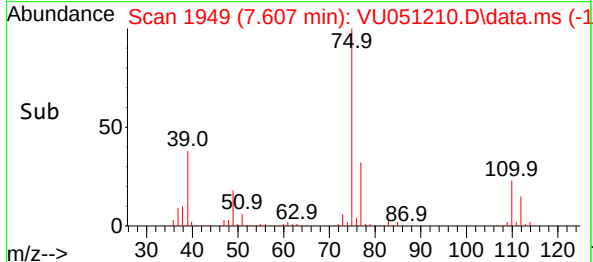
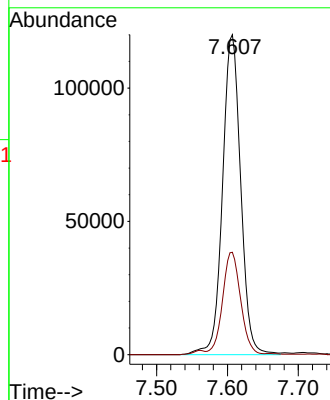
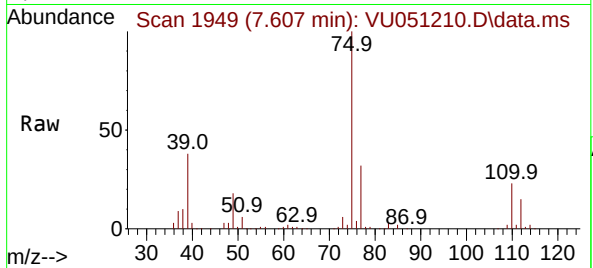
EY0E1MSD

Tgt Ion: 75 Resp: 214097

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 100.281 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051210.D

Acq: 07 Oct 2022 06:46

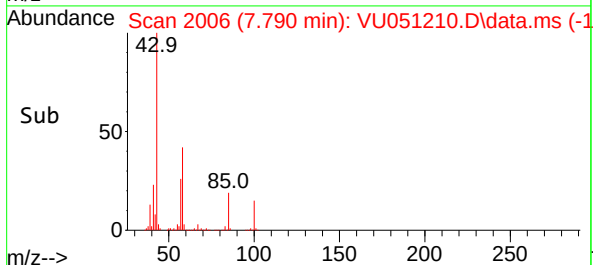
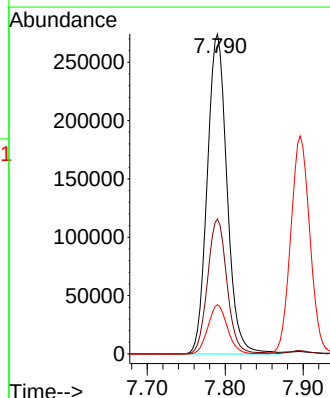
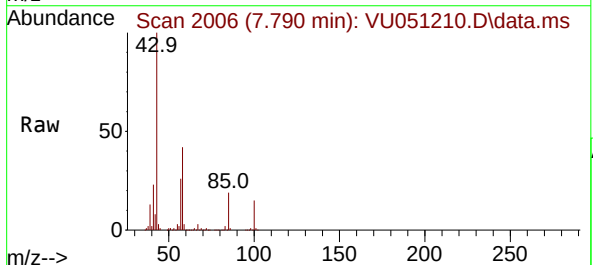
Tgt Ion: 43 Resp: 483836

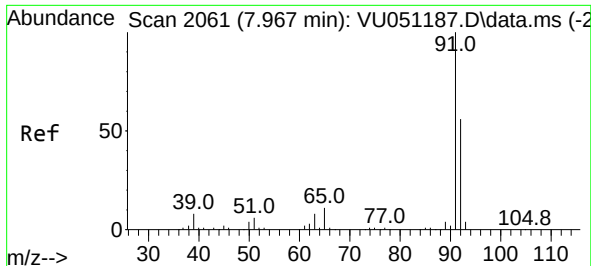
Ion Ratio Lower Upper

43 100

58 41.4 35.0 52.4

100 15.2 13.3 19.9





#42

Toluene

Concen: 51.553 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051210.D

Acq: 07 Oct 2022 06:46

Instrument :

MSVOA_U

ClientSampleId :

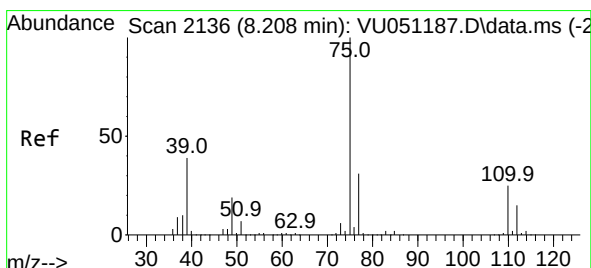
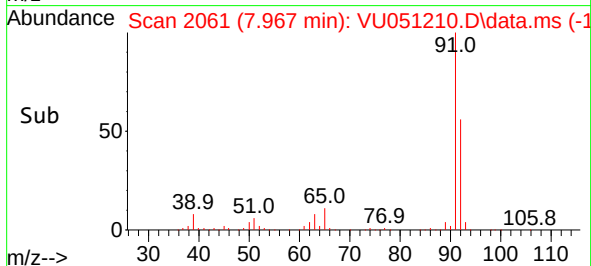
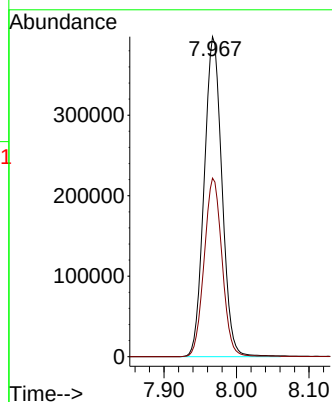
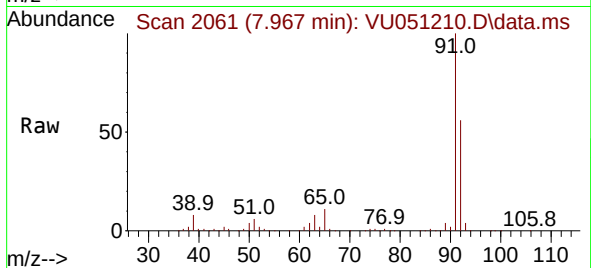
EY0E1MSD

Tgt Ion: 91 Resp: 678409

Ion Ratio Lower Upper

91 100

92 55.8 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 43.677 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051210.D

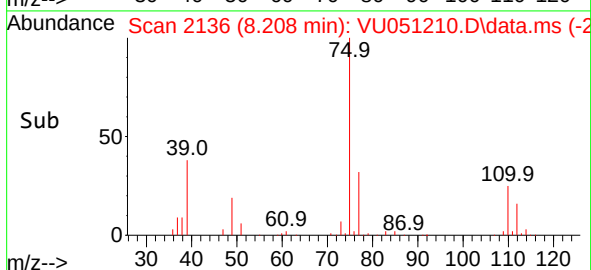
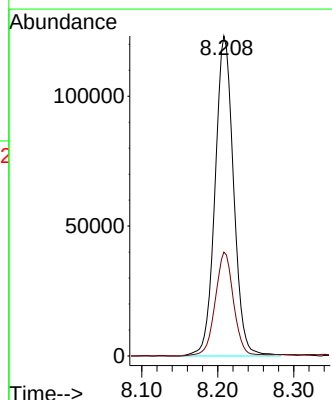
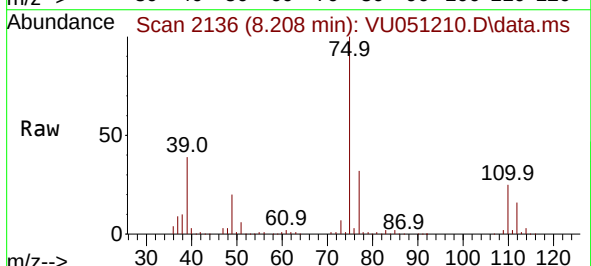
Acq: 07 Oct 2022 06:46

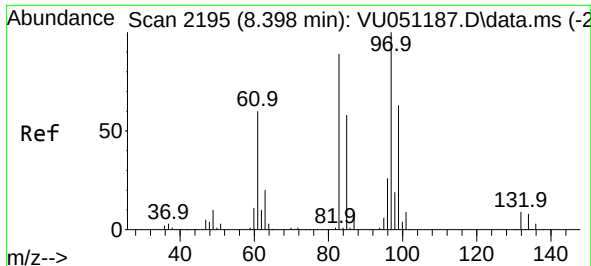
Tgt Ion: 75 Resp: 208369

Ion Ratio Lower Upper

75 100

77 32.5 22.7 42.3

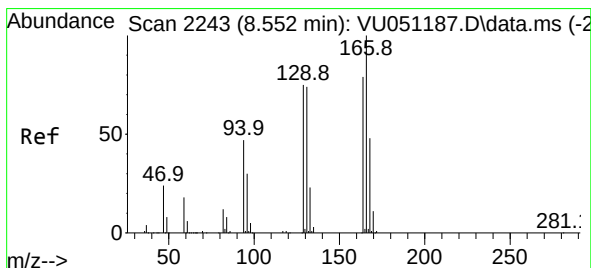
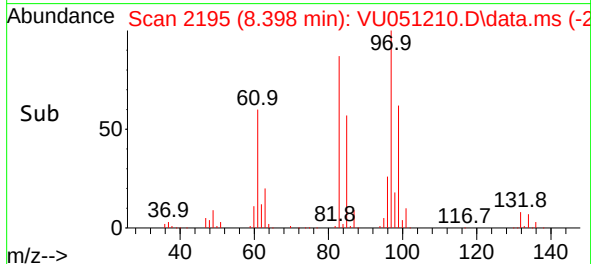
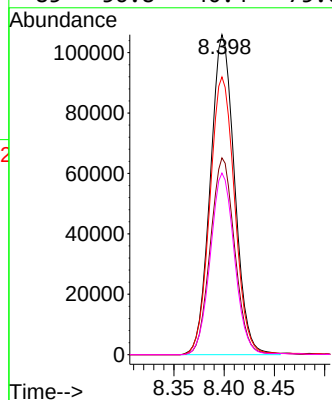
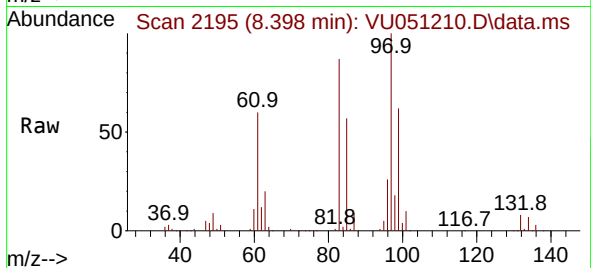




#45
1,1,2-Trichloroethane
Concen: 49.325 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

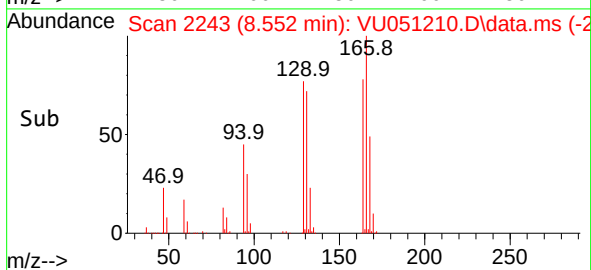
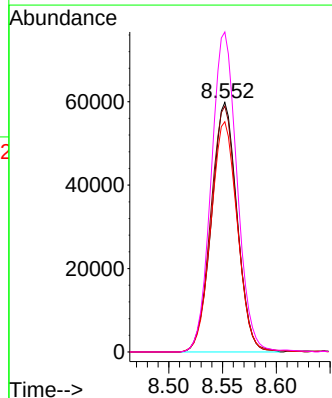
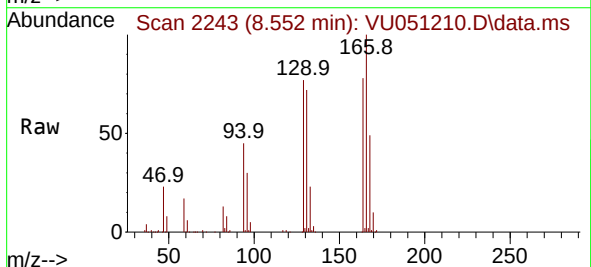
Instrument :
MSVOA_U
ClientSampleId :
EY0E1MSD

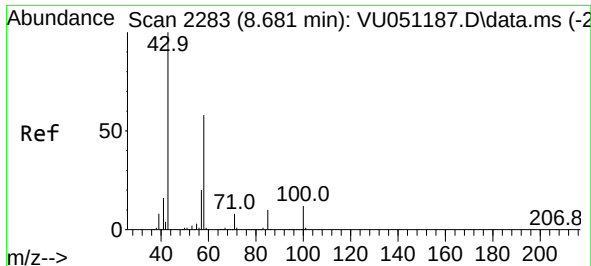
Tgt Ion:	97	Resp:	177999
Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.4	82.4
83	86.8	61.7	114.5
85	56.8	40.4	75.0



#46
Tetrachloroethene
Concen: 40.727 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Tgt Ion:	164	Resp:	98900
Ion	Ratio	Lower	Upper
164	100		
129	98.5	68.1	126.5
131	92.2	67.8	126.0
166	128.2	90.5	168.1

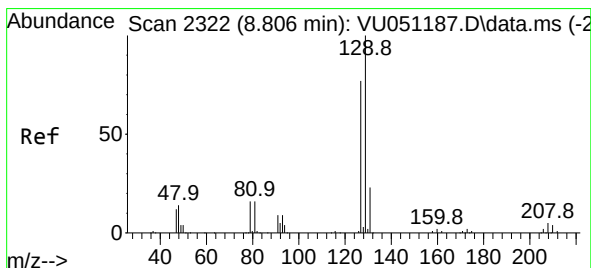
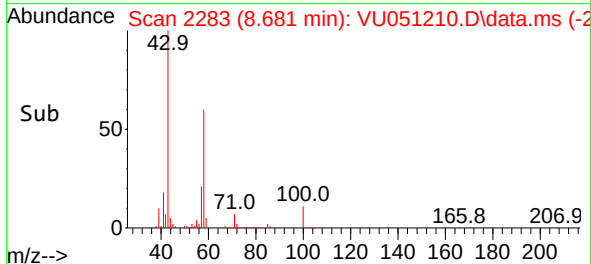
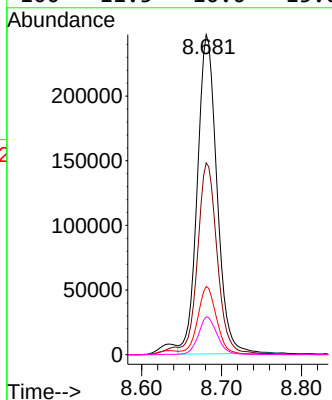
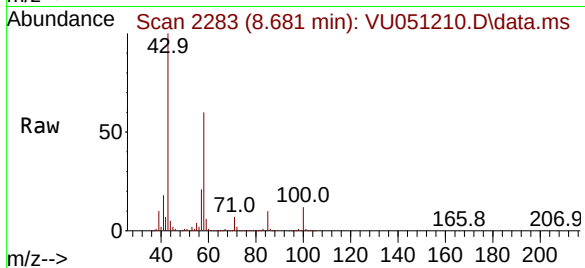




#48
2-Hexanone
Concen: 96.114 ug/L
RT: 8.681 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

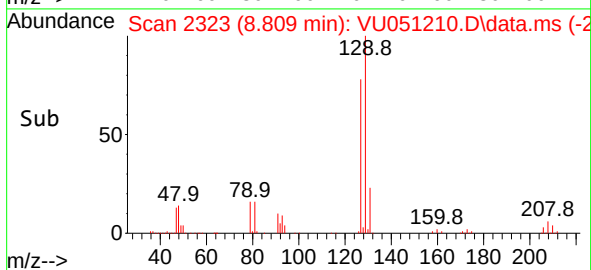
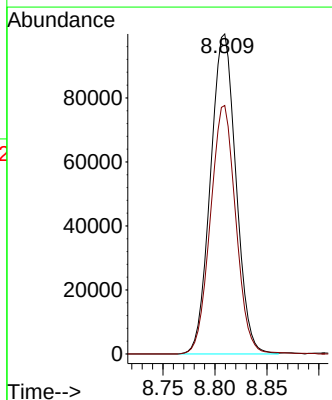
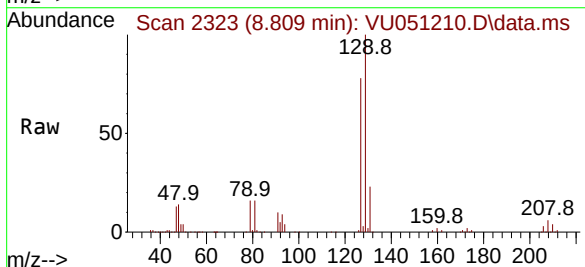
Instrument :
MSVOA_U
ClientSampleId :
EY0E1MSD

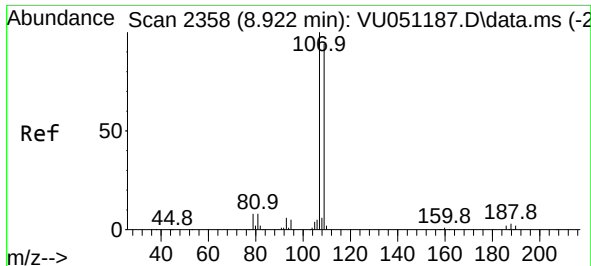
Tgt Ion: 43 Resp: 421204
Ion Ratio Lower Upper
43 100
58 59.1 48.3 72.5
57 20.8 15.9 23.9
100 11.5 10.0 15.0



#49
Dibromochloromethane
Concen: 44.942 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Tgt Ion: 129 Resp: 170514
Ion Ratio Lower Upper
129 100
127 77.6 52.8 98.0

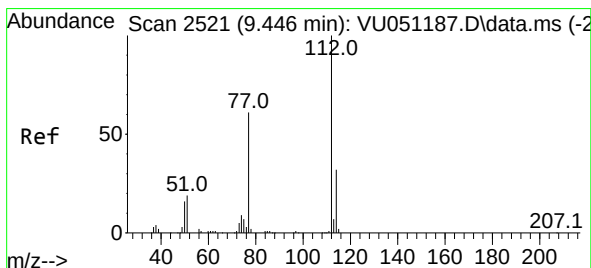
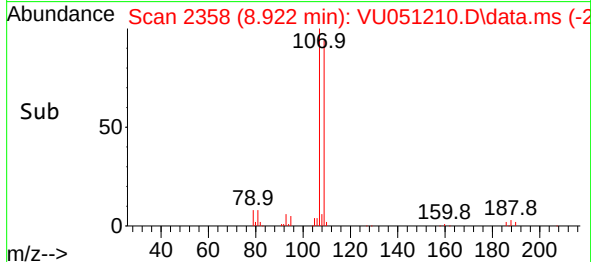
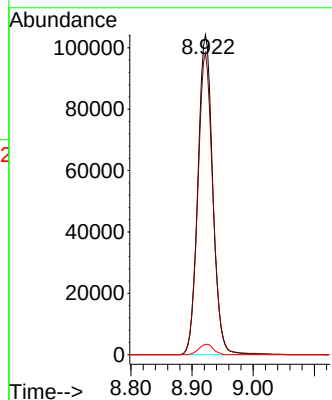
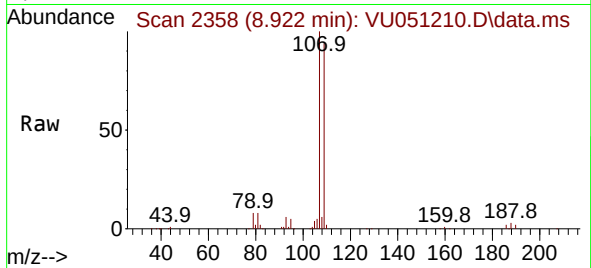




#50
1,2-Dibromoethane
Concen: 44.996 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

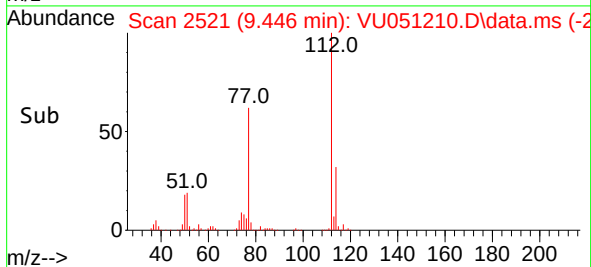
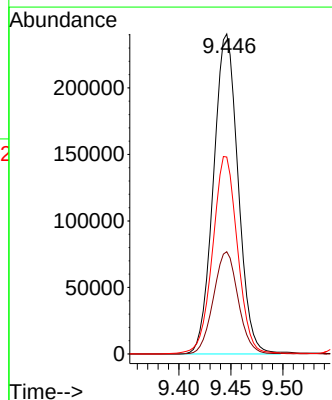
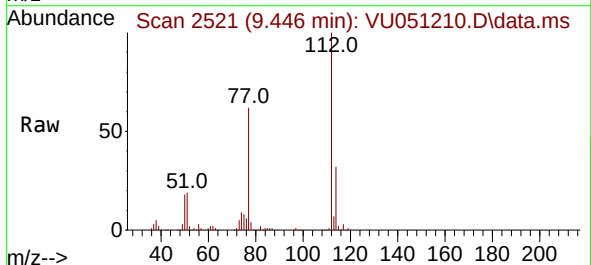
Instrument :
MSVOA_U
ClientSampleId :
EY0E1MSD

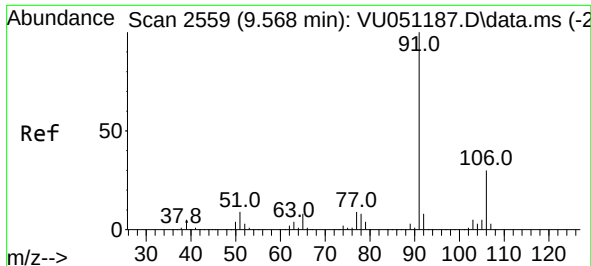
Tgt Ion:107 Resp: 176052
Ion Ratio Lower Upper
107 100
109 94.3 64.1 119.1
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 44.326 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Tgt Ion:112 Resp: 396676
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.3
77 61.5 48.2 72.2

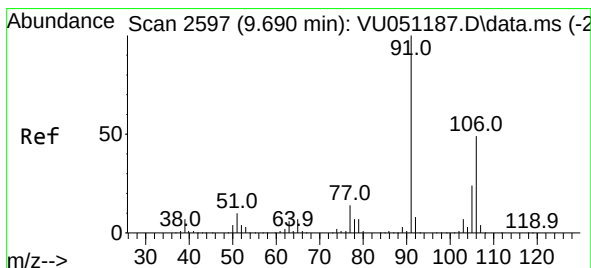
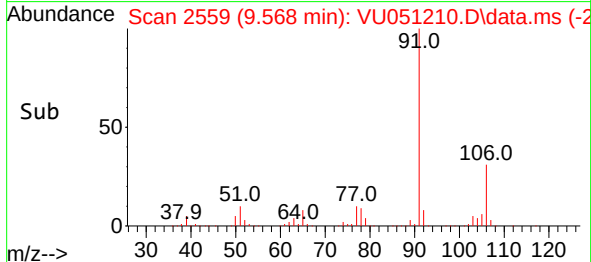
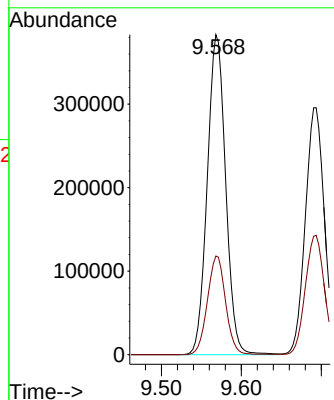
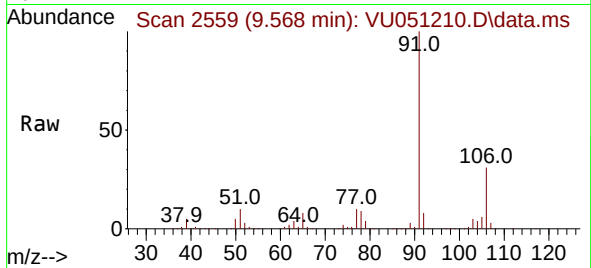




#52
Ethylbenzene
Concen: 43.734 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

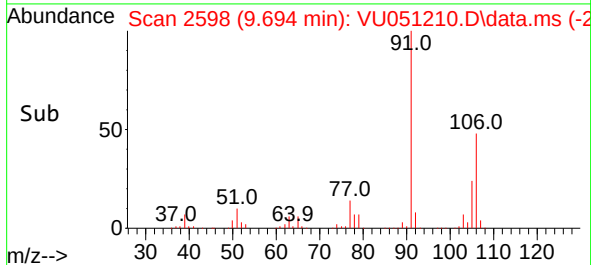
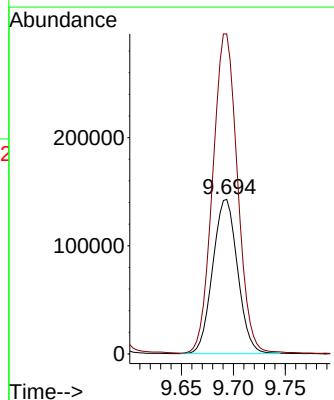
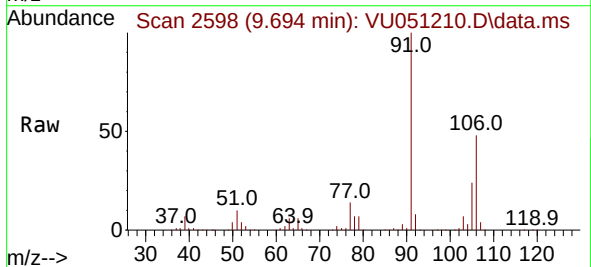
Instrument :
MSVOA_U
ClientSampleId :
EY0E1MSD

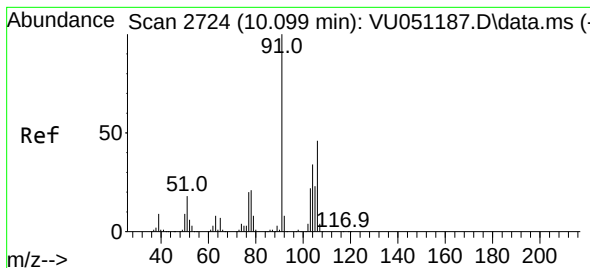
Tgt Ion: 91 Resp: 613878
Ion Ratio Lower Upper
91 100
106 30.9 21.7 40.3



#53
m,p-Xylene
Concen: 44.973 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Tgt Ion: 106 Resp: 237388
Ion Ratio Lower Upper
106 100
91 206.9 141.9 263.5

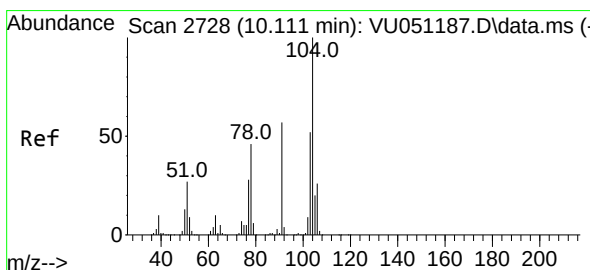
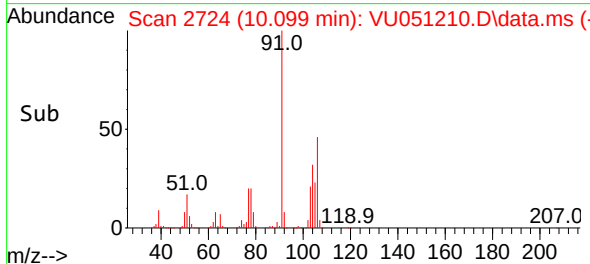
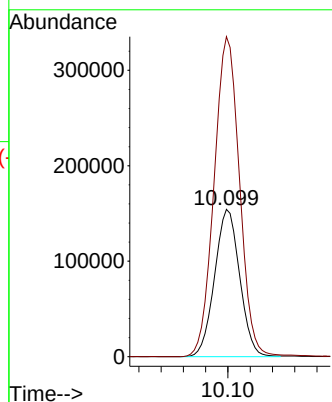
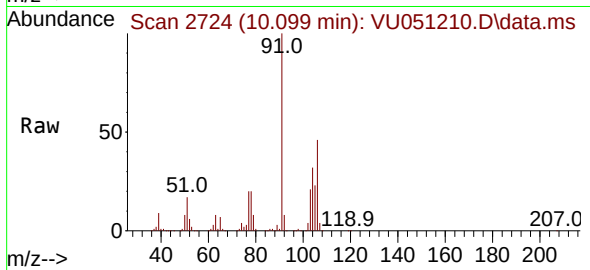




#54
o-Xylene
Concen: 45.703 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

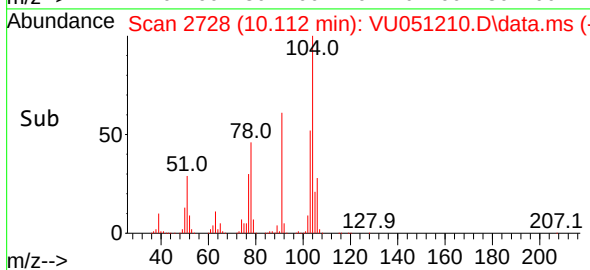
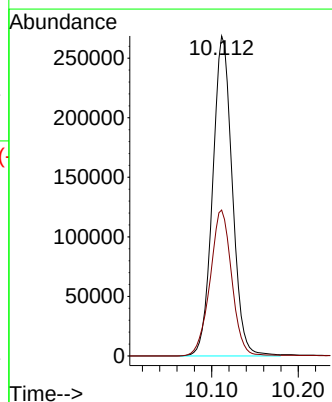
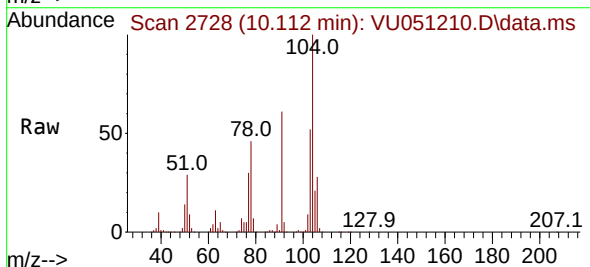
Instrument :
MSVOA_U
ClientSampleId :
EY0E1MSD

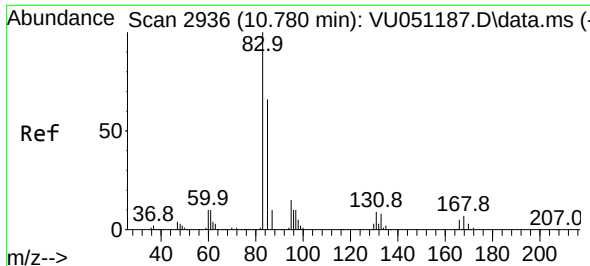
Tgt Ion:106 Resp: 241123
Ion Ratio Lower Upper
106 100
91 217.3 152.4 283.0



#55
Styrene
Concen: 46.553 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Tgt Ion:104 Resp: 424507
Ion Ratio Lower Upper
104 100
78 45.6 31.0 57.6

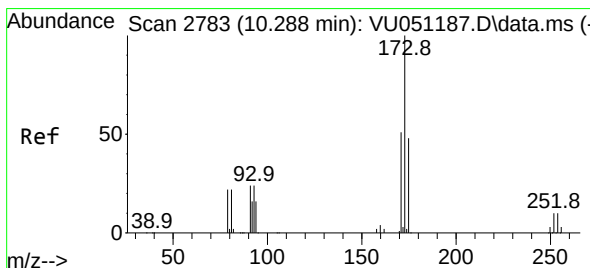
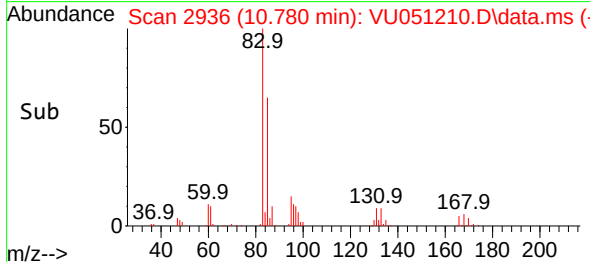
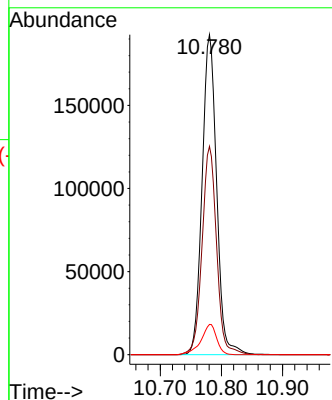
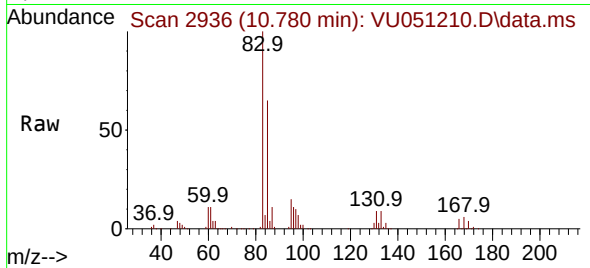




#57
 1,1,2,2-Tetrachloroethane
 Concen: 49.708 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VU051210.D
 Acq: 07 Oct 2022 06:46

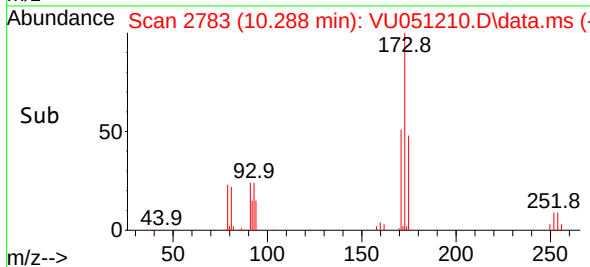
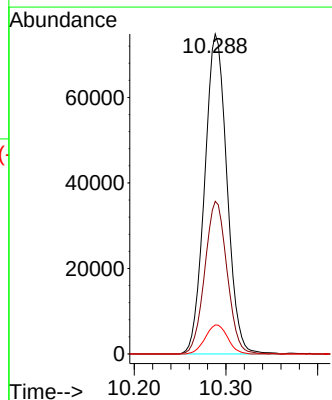
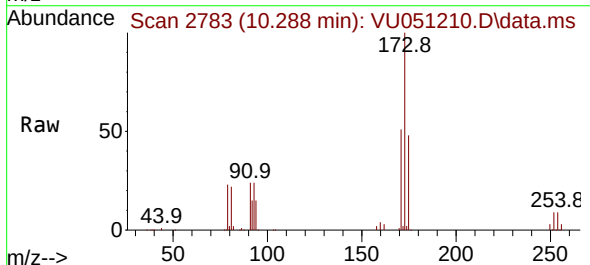
Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E1MSD

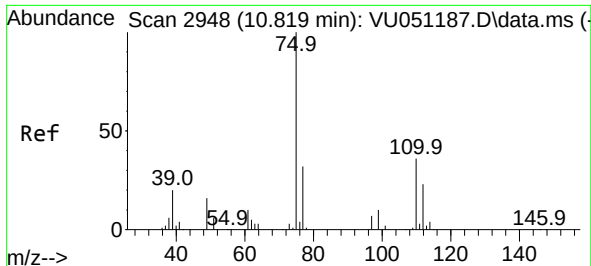
Tgt Ion: 83 Resp: 317475
 Ion Ratio Lower Upper
 83 100
 85 65.1 44.7 83.1
 131 9.4 7.0 10.4



#59
 Bromoform
 Concen: 44.672 ug/L
 RT: 10.288 min Scan# 2783
 Delta R.T. 0.000 min
 Lab File: VU051210.D
 Acq: 07 Oct 2022 06:46

Tgt Ion: 173 Resp: 126073
 Ion Ratio Lower Upper
 173 100
 175 47.7 39.4 59.0
 254 9.1 7.4 11.0

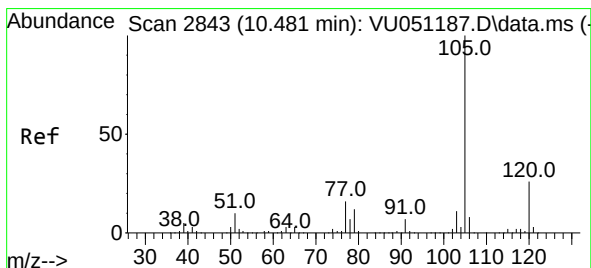
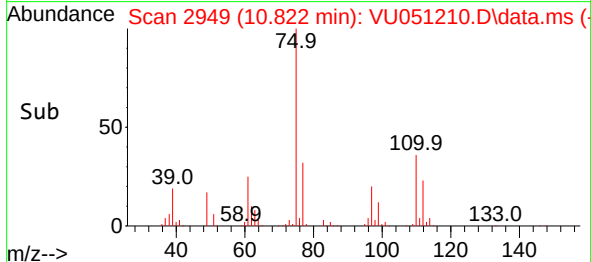
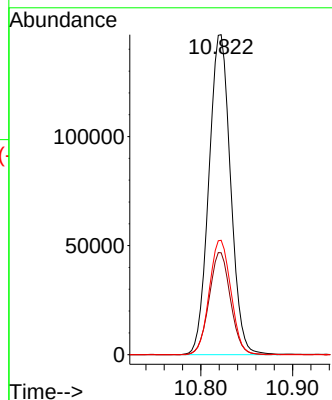
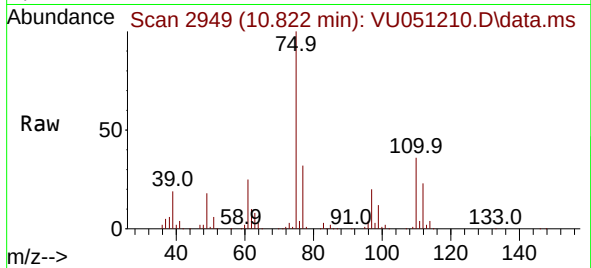




#60
1,2,3-Trichloropropane
Concen: 47.769 ug/L
RT: 10.822 min Scan# 2948
Delta R.T. 0.003 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

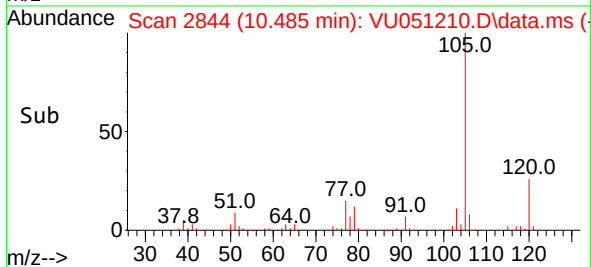
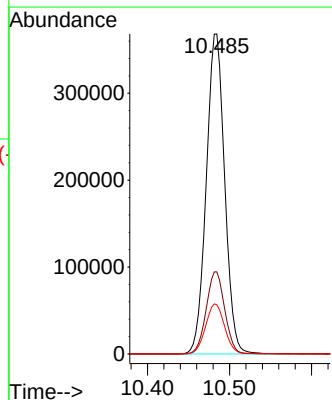
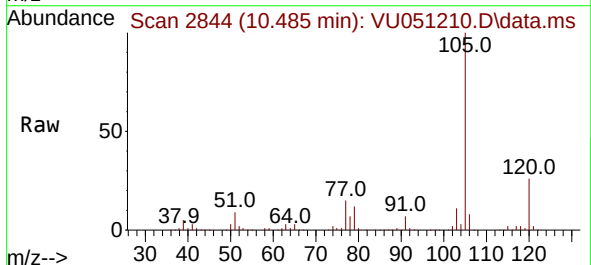
Instrument :
MSVOA_U
ClientSampleId :
EY0E1MSD

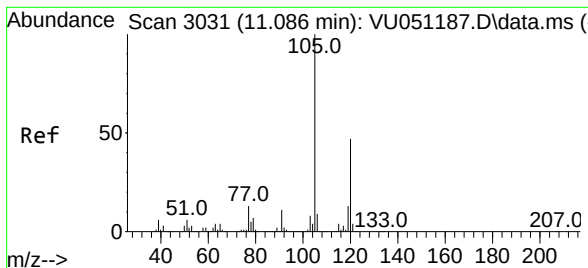
Tgt Ion: 75 Resp: 241113
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
110 35.6 30.0 45.0



#61
Isopropylbenzene
Concen: 46.036 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Tgt Ion: 105 Resp: 573609
Ion Ratio Lower Upper
105 100
120 25.8 21.1 31.7
77 16.2 12.8 19.2

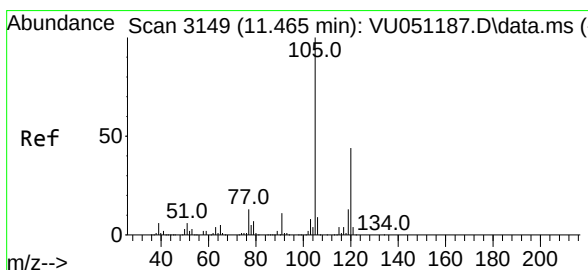
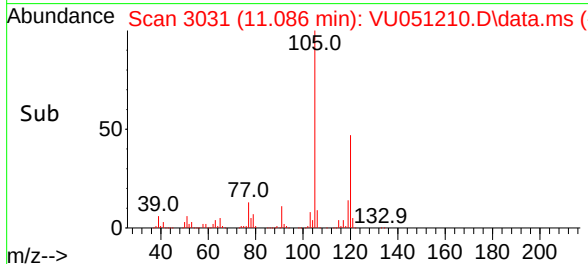
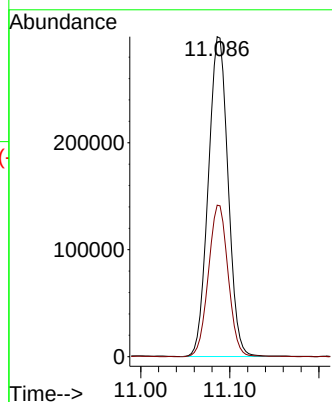
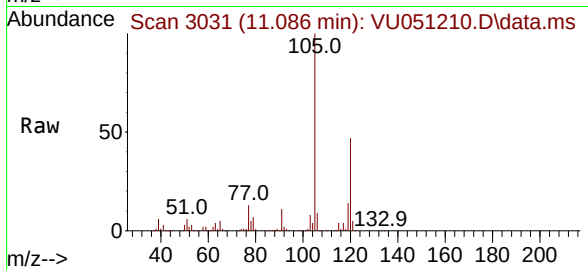




#62
 1,3,5-Trimethylbenzene
 Concen: 45.149 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051210.D
 Acq: 07 Oct 2022 06:46

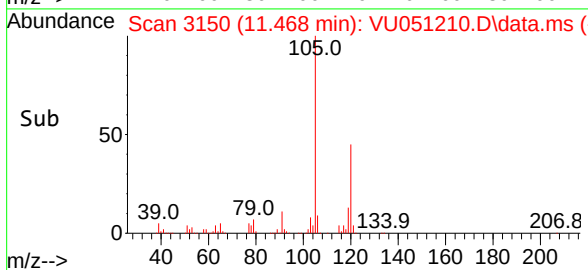
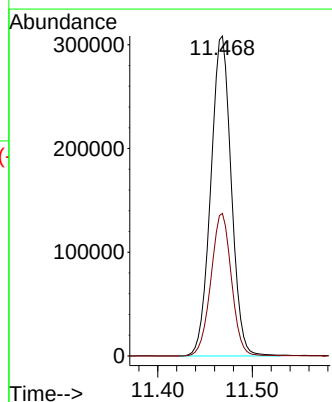
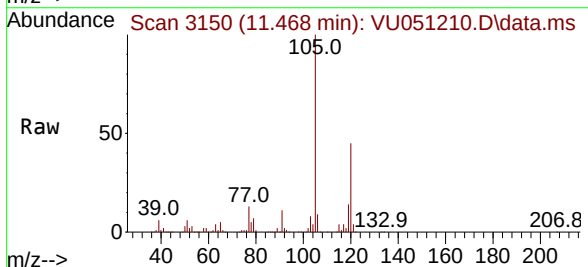
Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E1MSD

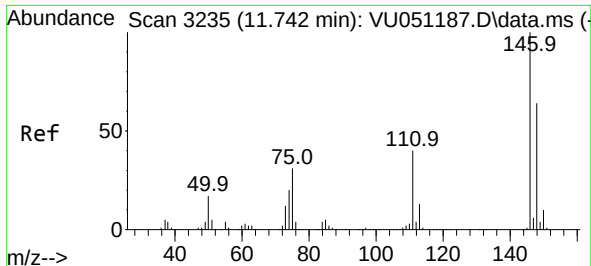
Tgt Ion:105 Resp: 460001
 Ion Ratio Lower Upper
 105 100
 120 47.3 37.8 56.8



#63
 1,2,4-Trimethylbenzene
 Concen: 45.473 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VU051210.D
 Acq: 07 Oct 2022 06:46

Tgt Ion:105 Resp: 464351
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.5 53.3

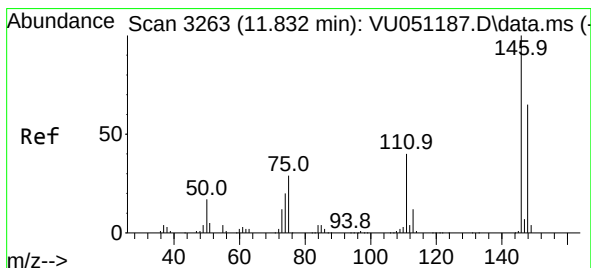
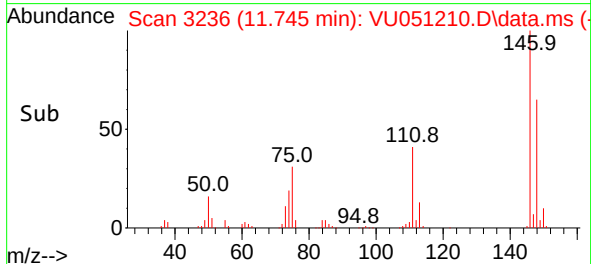
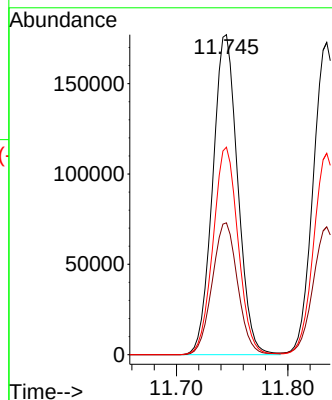
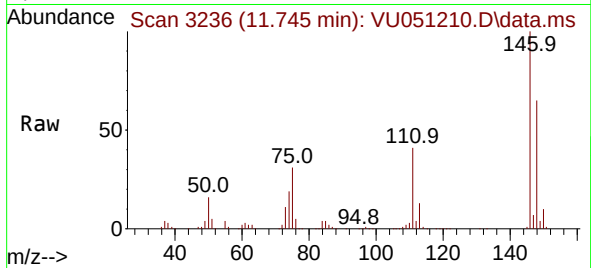




#64
1,3-Dichlorobenzene
Concen: 43.098 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

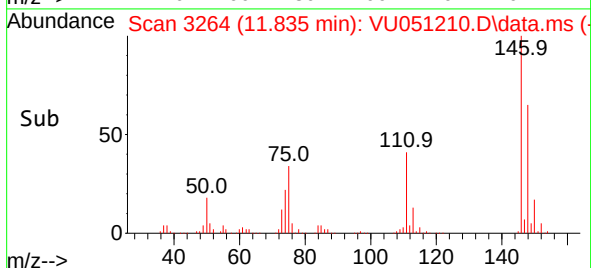
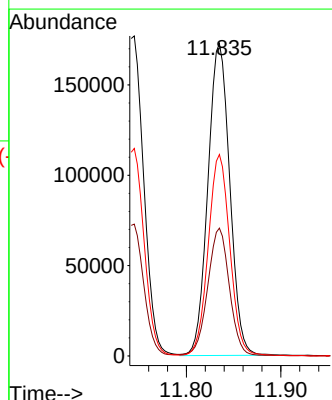
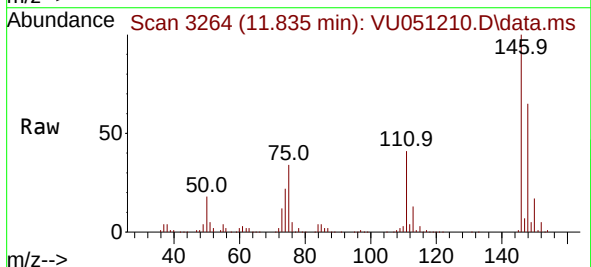
Instrument :
MSVOA_U
ClientSampleId :
EY0E1MSD

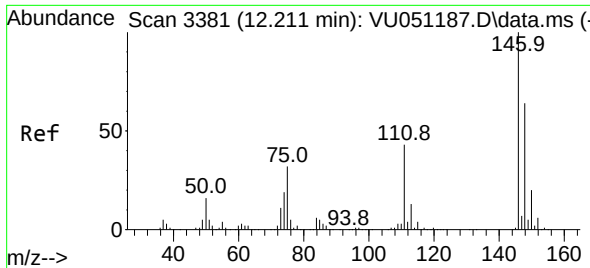
Tgt Ion:146 Resp: 276837
Ion Ratio Lower Upper
146 100
111 41.2 28.2 52.4
148 64.9 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 43.210 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Tgt Ion:146 Resp: 277448
Ion Ratio Lower Upper
146 100
111 40.9 27.0 50.2
148 64.5 45.1 83.9

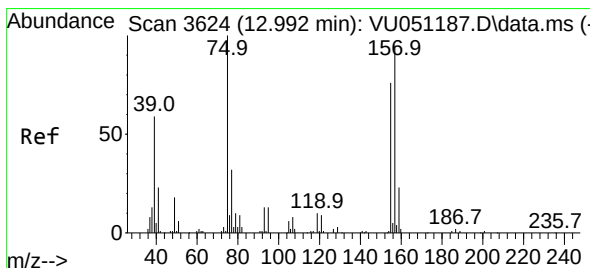
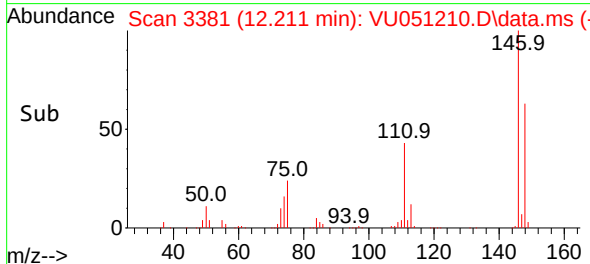
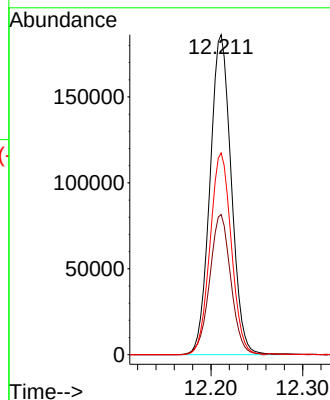
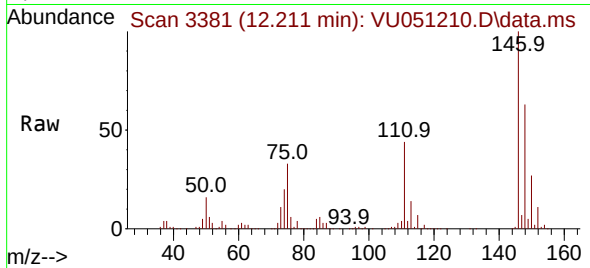




#67
1,2-Dichlorobenzene
Concen: 45.450 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

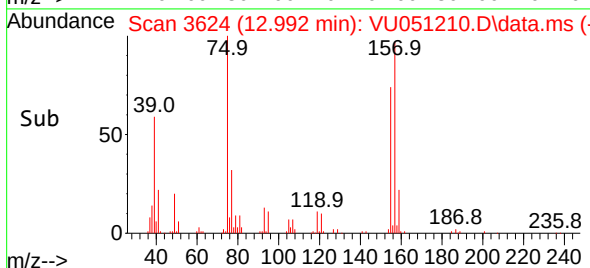
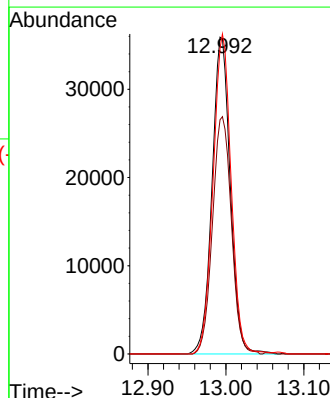
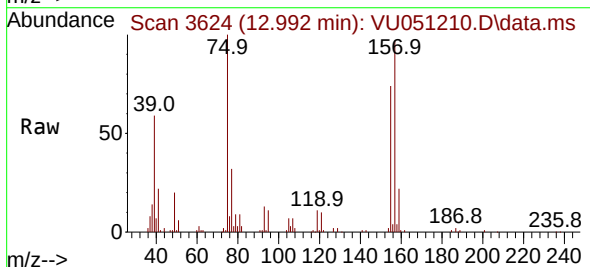
Instrument :
MSVOA_U
ClientSampleId :
EY0E1MSD

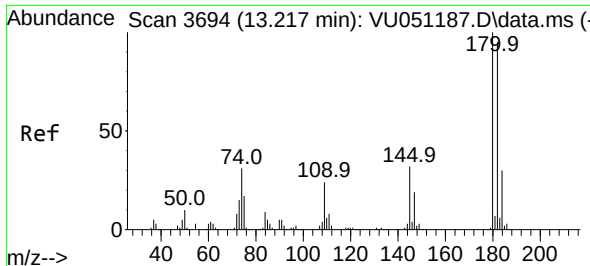
Tgt Ion:146 Resp: 299946
Ion Ratio Lower Upper
146 100
111 43.8 33.7 50.5
148 63.1 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 39.666 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Tgt Ion: 75 Resp: 58427
Ion Ratio Lower Upper
75 100
155 74.0 64.4 96.6
157 96.5 82.2 123.2

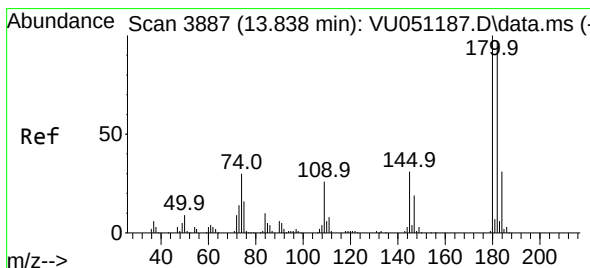
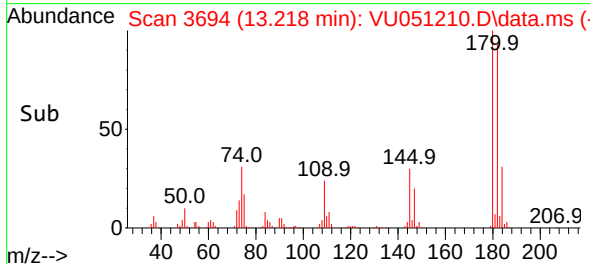
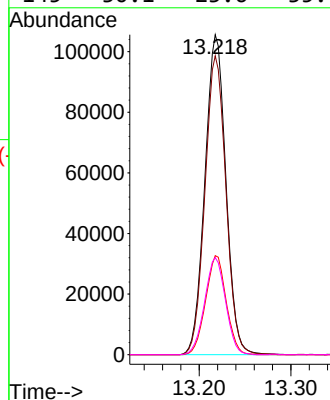
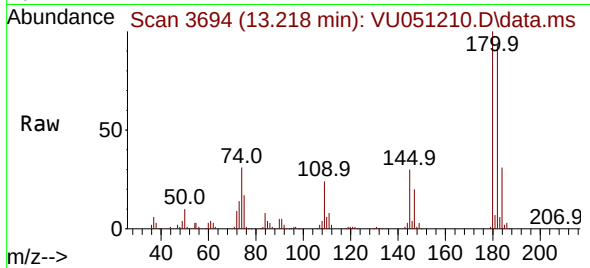




#69
 1,3,5-Trichlorobenzene
 Concen: 38.598 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051210.D
 Acq: 07 Oct 2022 06:46

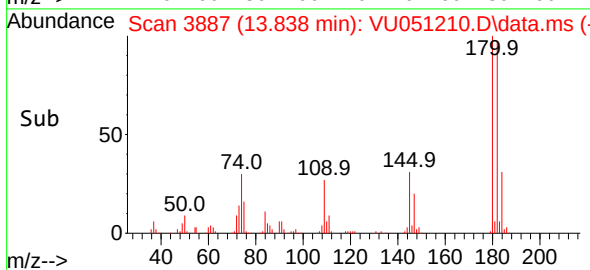
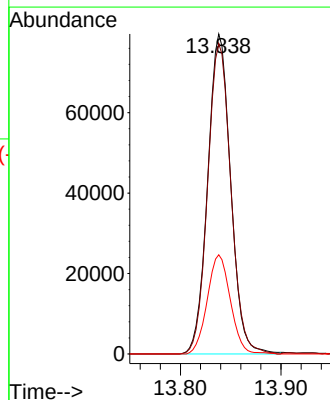
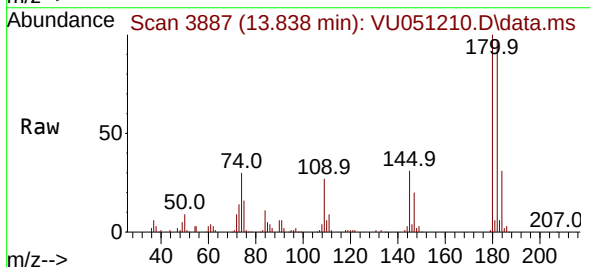
Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E1MSD

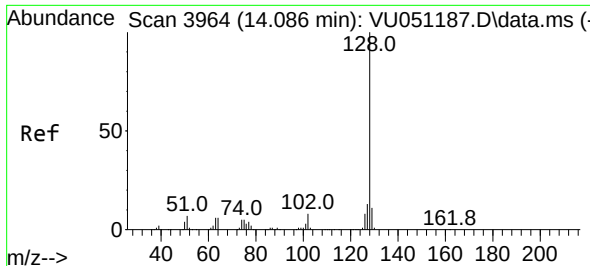
Tgt Ion:180 Resp: 168126
 Ion Ratio Lower Upper
 180 100
 182 93.4 77.0 115.4
 184 30.4 24.4 36.6
 145 30.1 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 35.463 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051210.D
 Acq: 07 Oct 2022 06:46

Tgt Ion:180 Resp: 126389
 Ion Ratio Lower Upper
 180 100
 182 97.7 75.9 113.9
 145 31.1 24.0 36.0

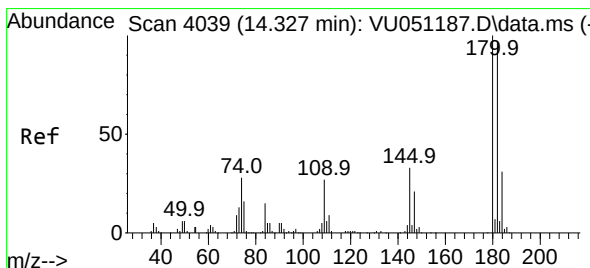
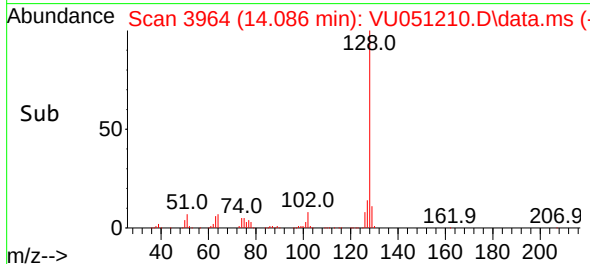
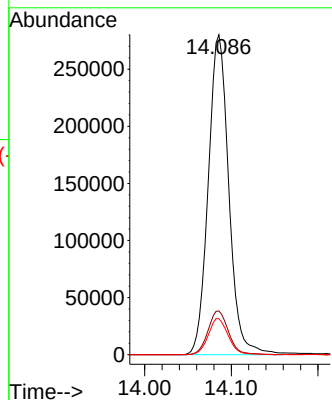
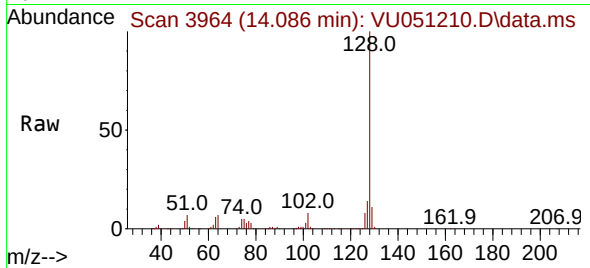




#71
Naphthalene
Concen: 36.242 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Instrument :
MSVOA_U
ClientSampleId :
EY0E1MSD

Tgt Ion:128 Resp: 462301
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 39.310 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051210.D
Acq: 07 Oct 2022 06:46

Tgt Ion:180 Resp: 156331
Ion Ratio Lower Upper
180 100
182 94.9 76.0 114.0
145 32.4 26.1 39.1

