

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112522\
 Data File : VU052133.D
 Acq On : 25 Nov 2022 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050134

Quant Time: Nov 25 20:58:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 07:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	445005	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	443663	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	230127	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	174338	45.209	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.420%		
7) Chloroethane-d5	1.903	69	142807	46.760	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.520%		
11) 1,1-Dichloroethene-d2	2.568	63	277115	48.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.960%		
21) 2-Butanone-d5	4.617	46	199263	85.988	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.990%		
24) Chloroform-d	5.060	84	300317	47.532	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.060%		
26) 1,2-Dichloroethane-d4	5.700	65	178147	46.880	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.760%		
32) Benzene-d6	5.726	84	626229	47.355	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.700%		
36) 1,2-Dichloropropane-d6	6.687	67	194679	45.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.640%		
41) Toluene-d8	7.896	98	572936	48.491	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.980%		
43) trans-1,3-Dichloroprop...	8.176	79	83659	46.258	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.520%		
47) 2-Hexanone-d5	8.632	63	149663	90.307	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.310%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	310239	46.158	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.320%		
66) 1,2-Dichlorobenzene-d4	12.192	152	204362	42.943	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	127562	53.399	ug/L	98
3) Chloromethane	1.523	50	173545	50.692	ug/L	99
5) Vinyl chloride	1.607	62	179012	50.927	ug/L	100
6) Bromomethane	1.838	94	69126	39.180	ug/L	98
8) Chloroethane	1.925	64	119926	52.030	ug/L	99
9) Trichlorofluoromethane	2.134	101	229705	54.664	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	151543	56.167	ug/L	99
12) 1,1-Dichloroethene	2.578	96	137098	53.206	ug/L	94
13) Acetone	2.620	43	240570	113.642	ug/L	99
14) Carbon disulfide	2.790	76	328228	50.375	ug/L	98
15) Methyl Acetate	2.945	43	179739	53.183	ug/L	99
16) Methylene chloride	3.044	84	193163	49.219	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	141368	51.564	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	458796	51.520	ug/L	99
19) 1,1-Dichloroethane	3.867	63	300863	53.341	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	169497	51.494	ug/L	92
22) 2-Butanone	4.697	43	284998	107.978	ug/L	100
23) Bromochloromethane	4.970	128	94259	53.200	ug/L	96
25) Chloroform	5.086	83	320654	55.095	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112522\
 Data File : VU052133.D
 Acq On : 25 Nov 2022 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

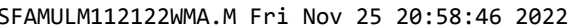
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050134

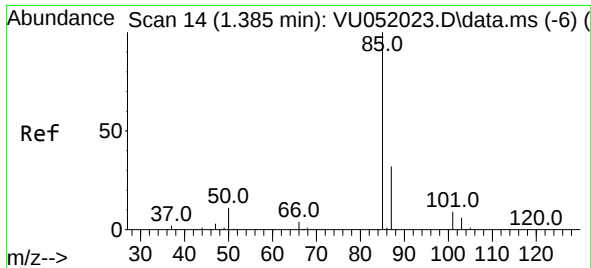
Quant Time: Nov 25 20:58:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 07:34:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	237606	54.419	ug/L	99
29) Cyclohexane	5.388	56	198106	50.919	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	239123	52.558	ug/L	99
31) Carbon tetrachloride	5.523	117	194429	52.783	ug/L	99
33) Benzene	5.771	78	700617	53.305	ug/L	100
34) Trichloroethene	6.539	95	156647	51.080	ug/L	99
35) Methylcyclohexane	6.761	83	221926	52.801	ug/L	97
37) 1,2-Dichloropropane	6.790	63	195847	53.338	ug/L	99
38) Bromodichloromethane	7.102	83	239766	52.888	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	253574	51.070	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	504978	108.129	ug/L	99
42) Toluene	7.967	91	741164	54.571	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	248336	53.472	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	196068	54.167	ug/L	99
46) Tetrachloroethene	8.552	164	119055	51.459	ug/L	97
48) 2-Hexanone	8.681	43	433710	112.224	ug/L	99
49) Dibromochloromethane	8.806	129	197816	53.775	ug/L	98
50) 1,2-Dibromoethane	8.922	107	191045	52.550	ug/L	100
51) Chlorobenzene	9.443	112	470720	52.677	ug/L	100
52) Ethylbenzene	9.568	91	737030	53.297	ug/L	97
53) m,p-Xylene	9.690	106	297158	55.616	ug/L	98
54) o-Xylene	10.099	106	294633	54.500	ug/L	97
55) Styrene	10.111	104	526663	57.504	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	363851	55.239	ug/L	99
59) Bromoform	10.288	173	152460	51.154	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	270838	50.684	ug/L	100
61) Isopropylbenzene	10.481	105	738261	52.575	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	589588	52.554	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	587744	53.759	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	357857	52.572	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	360146	51.925	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	376734	52.822	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	63730	48.408	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	237533	52.270	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	177097	48.514	ug/L	98
71) Naphthalene	14.082	128	572559	48.177	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	205087	51.858	ug/L	100

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

Quant Time: Nov 25 20:58:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 22 07:34:37 2022
Response via : Initial Calibration

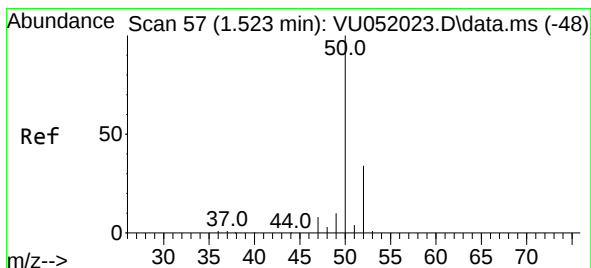
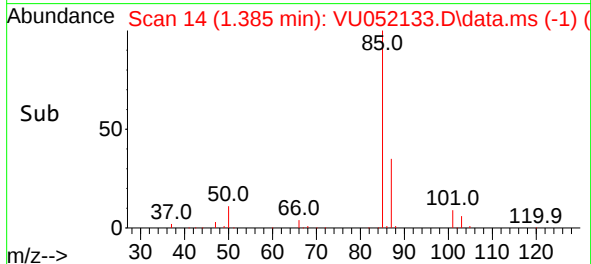
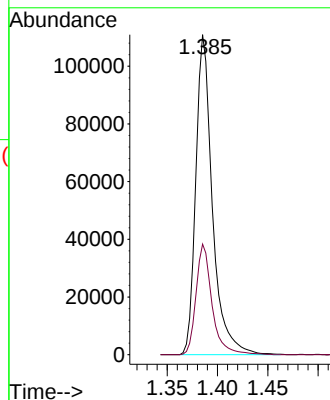
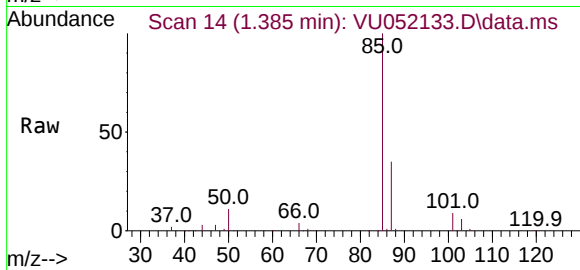




#2
Dichlorodifluoromethane
Concen: 53.399 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

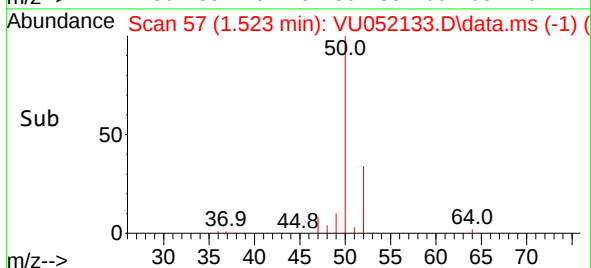
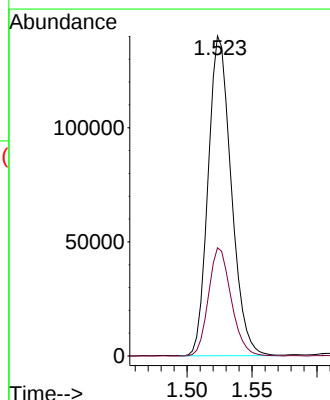
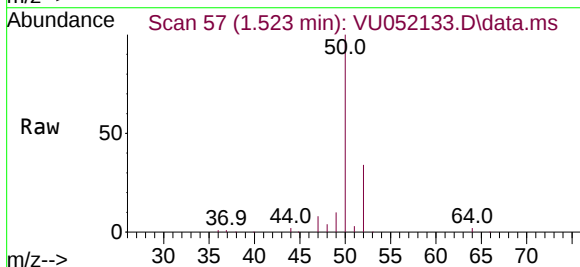
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

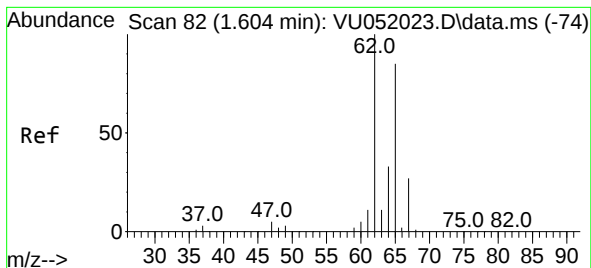
Tgt Ion: 85 Resp: 127562
Ion Ratio Lower Upper
85 100
87 33.3 25.9 38.9



#3
Chloromethane
Concen: 50.692 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

Tgt Ion: 50 Resp: 173545
Ion Ratio Lower Upper
50 100
52 33.8 23.1 42.9





#5

Vinyl chloride

Concen: 50.927 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

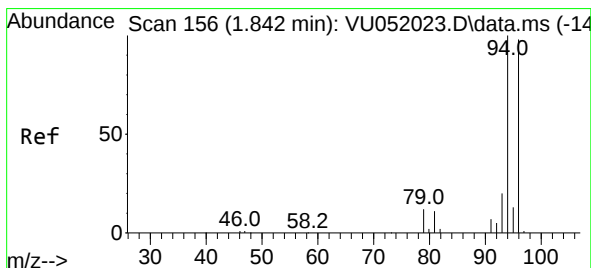
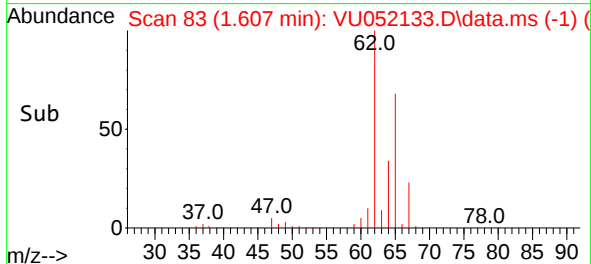
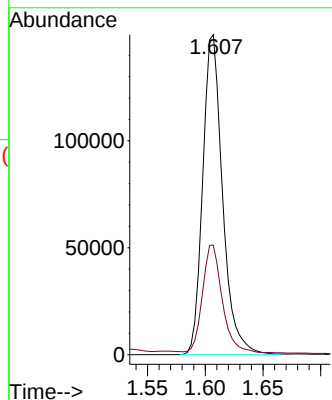
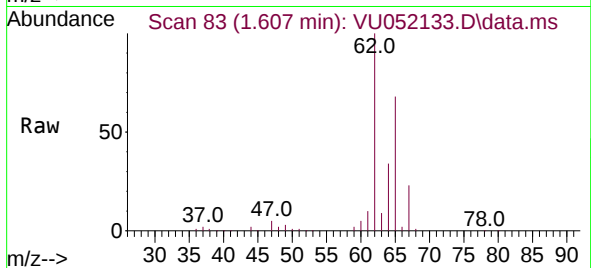
VSTD050134

Tgt Ion: 62 Resp: 179012

Ion Ratio Lower Upper

62 100

64 34.3 23.9 44.3



#6

Bromomethane

Concen: 39.180 ug/L

RT: 1.838 min Scan# 155

Delta R.T. -0.003 min

Lab File: VU052133.D

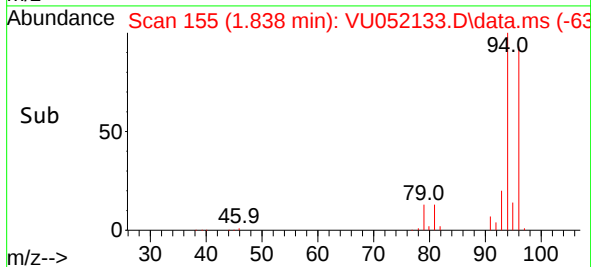
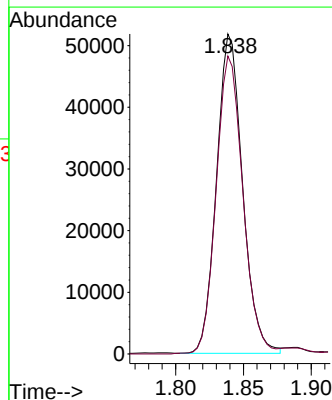
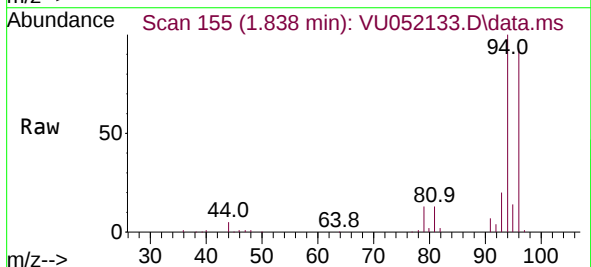
Acq: 25 Nov 2022 10:21

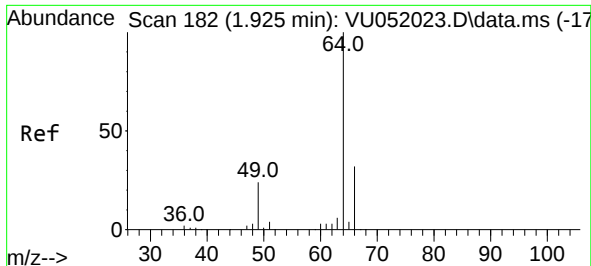
Tgt Ion: 94 Resp: 69126

Ion Ratio Lower Upper

94 100

96 93.1 66.8 124.0

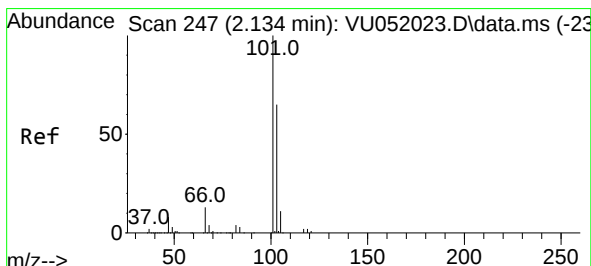
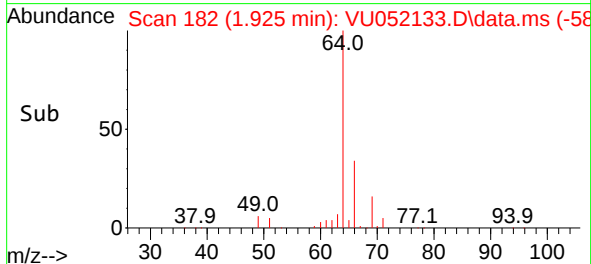
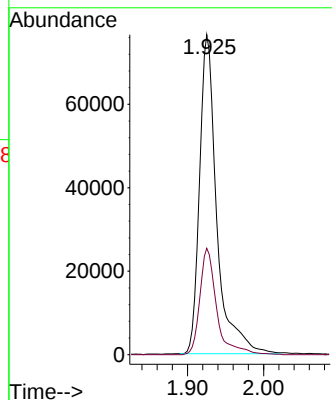
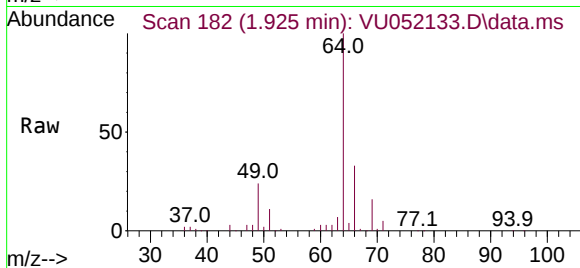




#8
Chloroethane
Concen: 52.030 ug/L
RT: 1.925 min Scan# 182
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

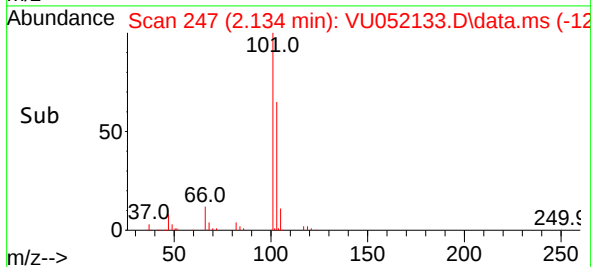
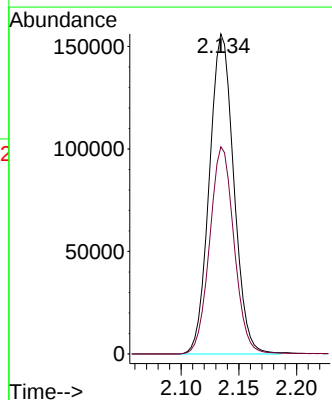
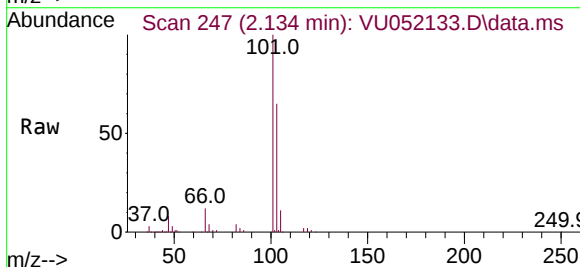
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

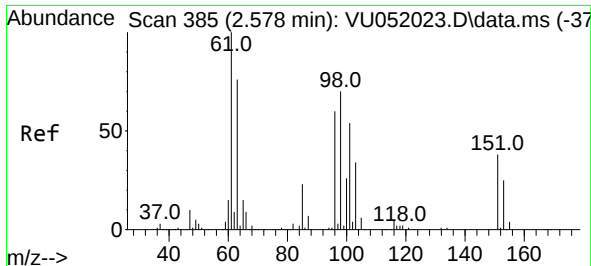
Tgt Ion: 64 Resp: 119926
Ion Ratio Lower Upper
64 100
66 33.3 22.8 42.4



#9
Trichlorofluoromethane
Concen: 54.664 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

Tgt Ion:101 Resp: 229705
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

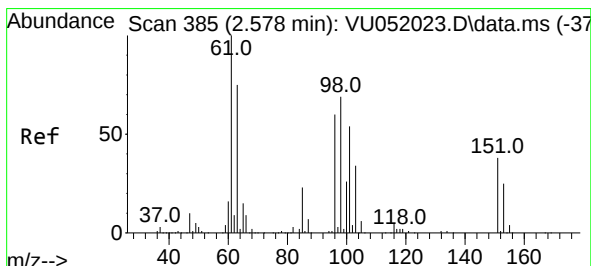
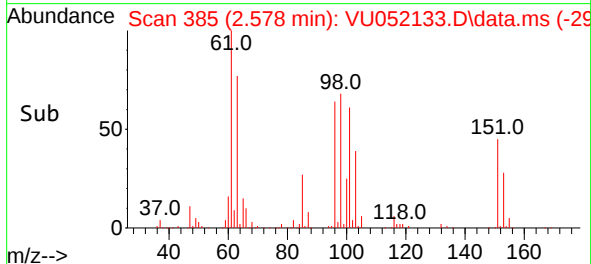
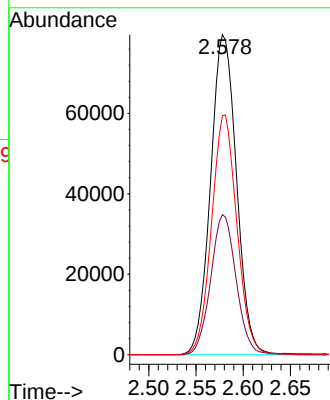
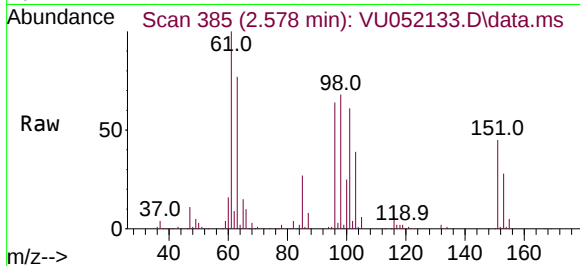




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 56.167 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

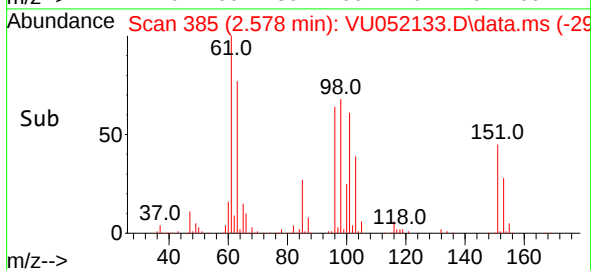
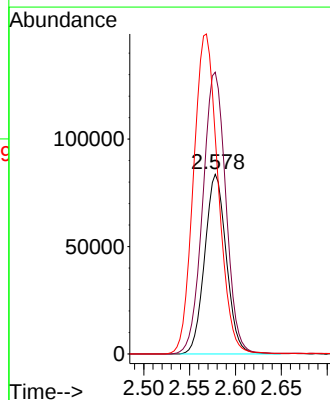
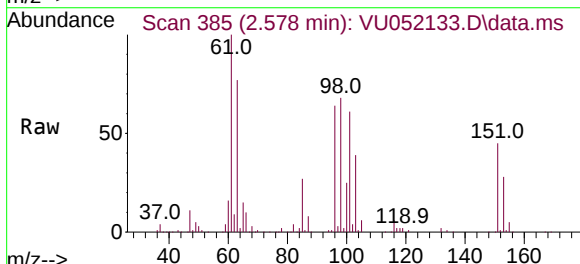
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

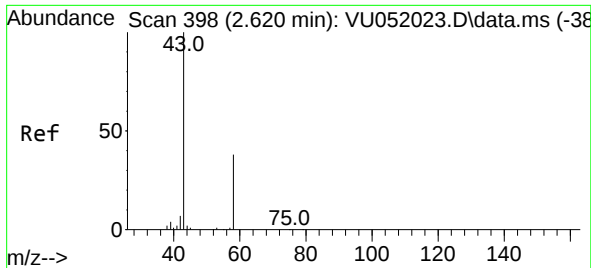
Tgt Ion:101 Resp: 151543
Ion Ratio Lower Upper
101 100
85 42.9 33.6 50.4
151 73.5 58.9 88.3



#12
1,1-Dichloroethene
Concen: 53.206 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

Tgt Ion: 96 Resp: 137098
Ion Ratio Lower Upper
96 100
61 156.8 114.2 212.0
63 121.1 90.9 168.7





#13

Acetone

Concen: 113.642 ug/L

RT: 2.620 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

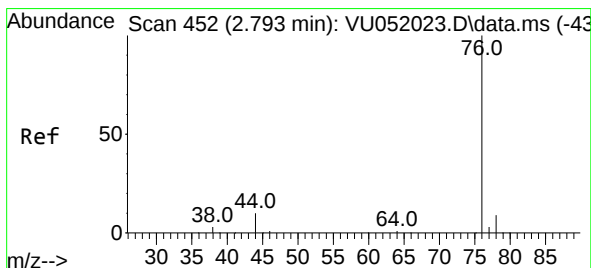
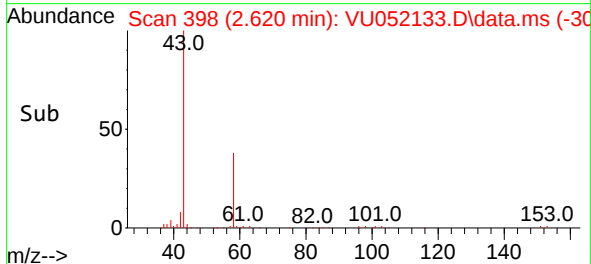
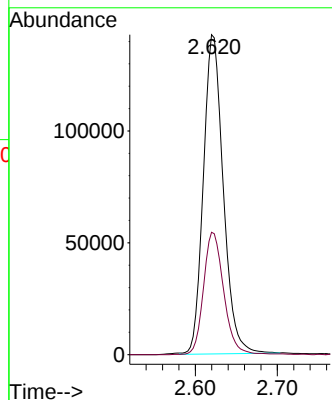
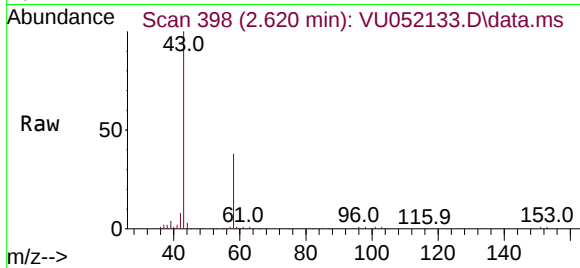
VSTD050134

Tgt Ion: 43 Resp: 240570

Ion Ratio Lower Upper

43 100

58 39.0 0.0 76.6



#14

Carbon disulfide

Concen: 50.375 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU052133.D

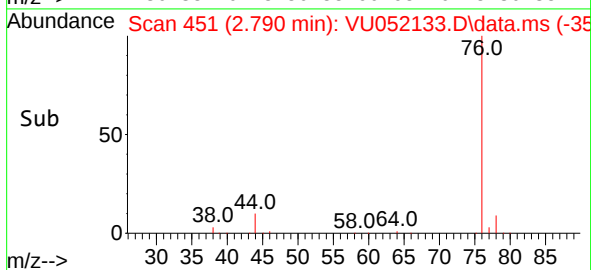
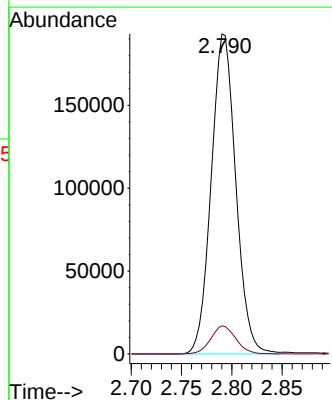
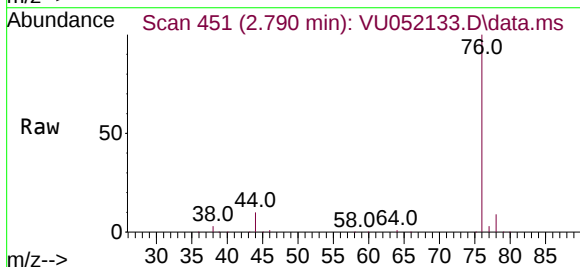
Acq: 25 Nov 2022 10:21

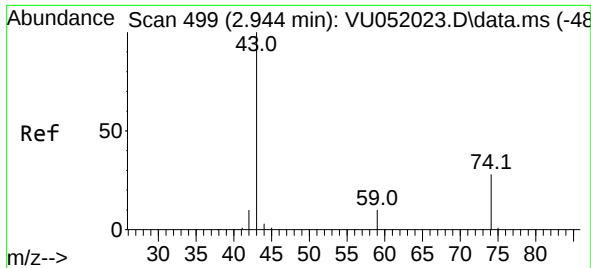
Tgt Ion: 76 Resp: 328228

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

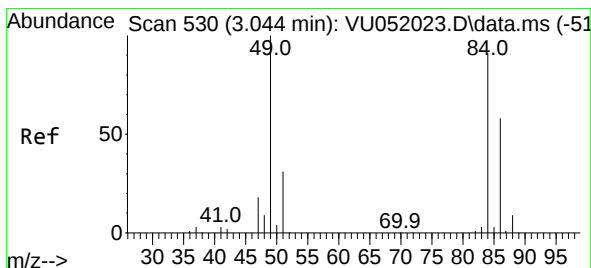
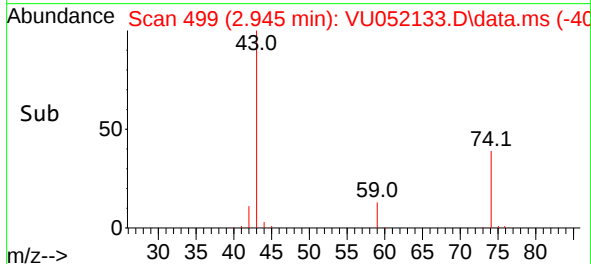
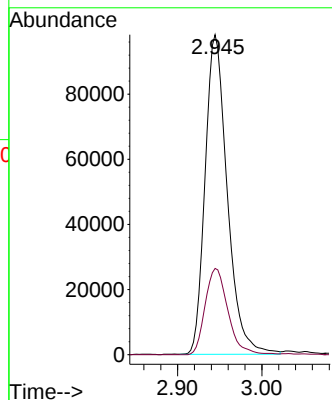
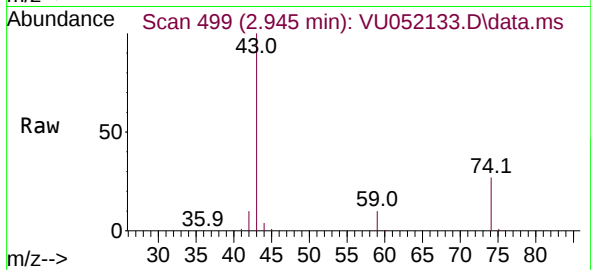




#15
Methyl Acetate
Concen: 53.183 ug/L
RT: 2.945 min Scan# 499
Delta R.T. 0.003 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

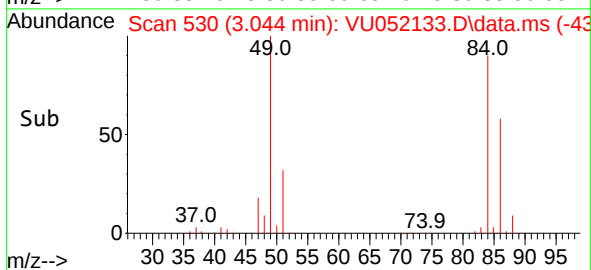
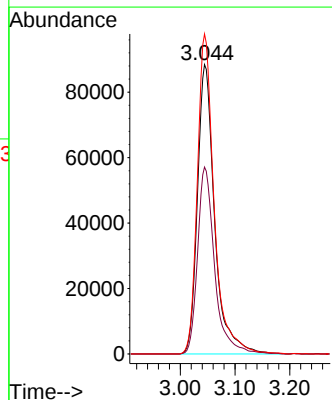
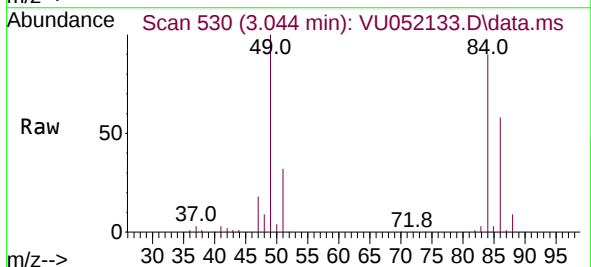
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

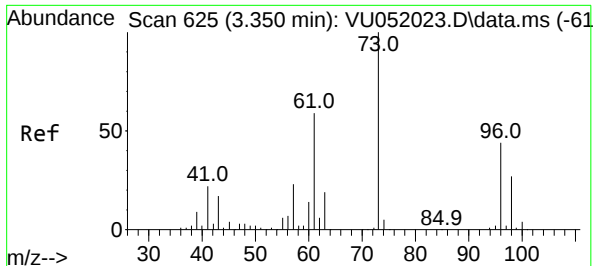
Tgt Ion: 43 Resp: 179739
Ion Ratio Lower Upper
43 100
74 27.5 22.2 33.4



#16
Methylene chloride
Concen: 49.219 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

Tgt Ion: 84 Resp: 193163
Ion Ratio Lower Upper
84 100
86 64.6 45.2 84.0
49 110.6 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 51.564 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD050134

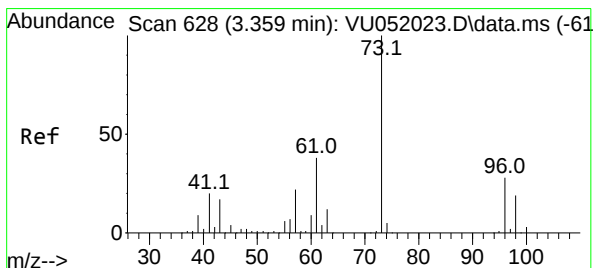
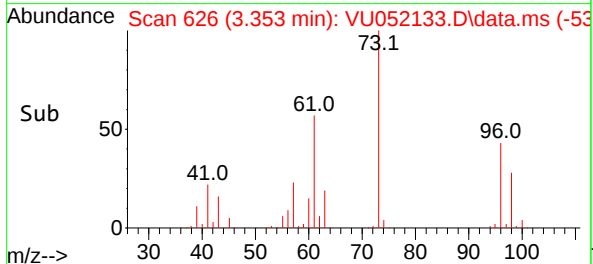
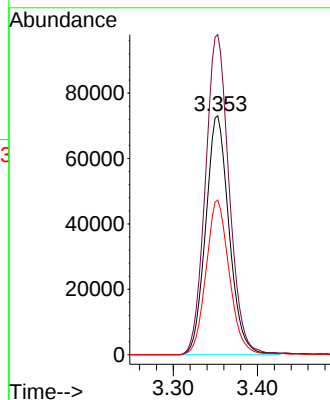
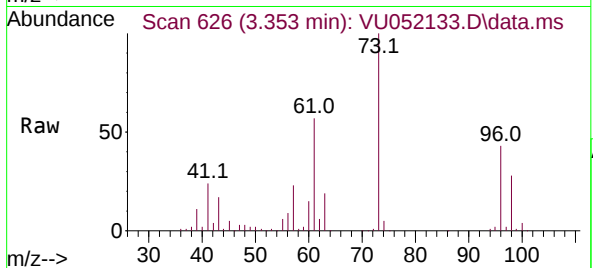
Tgt Ion: 96 Resp: 141368

Ion Ratio Lower Upper

96 100

61 133.9 93.9 174.3

98 64.7 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 51.520 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

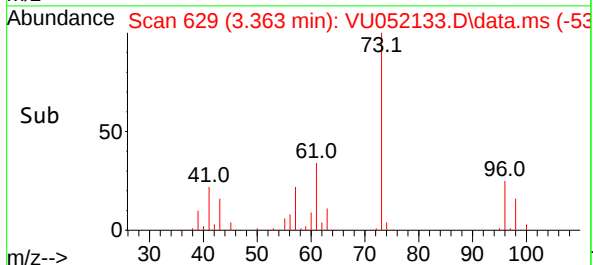
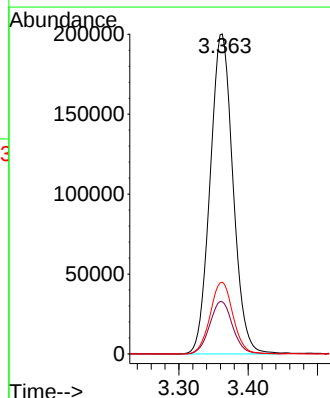
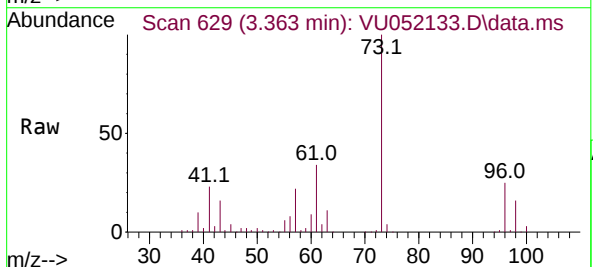
Tgt Ion: 73 Resp: 458796

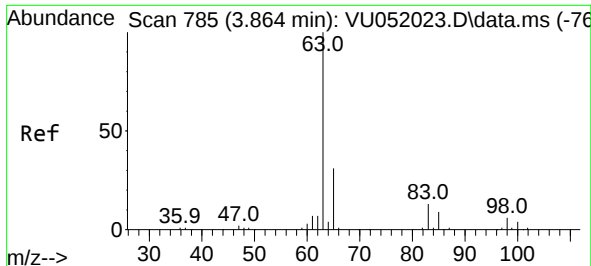
Ion Ratio Lower Upper

73 100

43 16.5 13.1 19.7

57 22.5 17.8 26.6





#19

1,1-Dichloroethane

Concen: 53.341 ug/L

RT: 3.867 min Scan# 785

Delta R.T. 0.000 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD050134

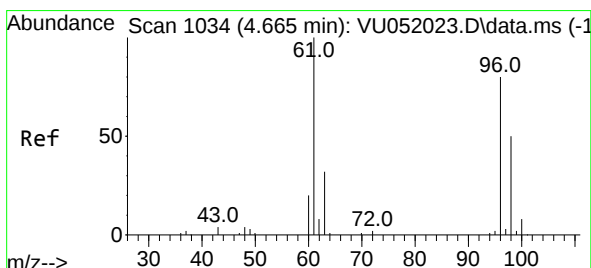
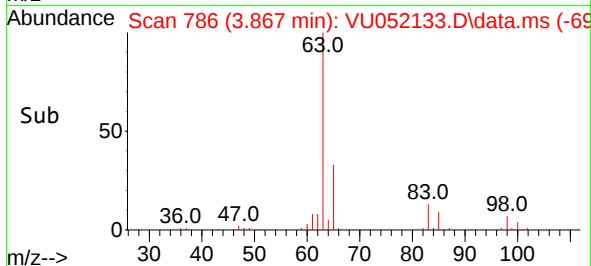
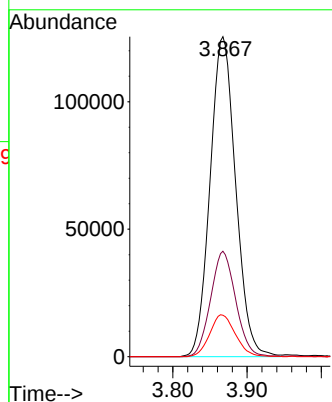
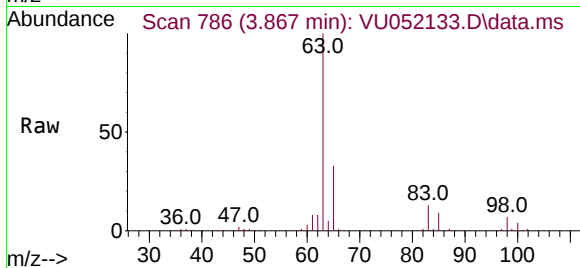
Tgt Ion: 63 Resp: 300863

Ion Ratio Lower Upper

63 100

65 32.9 22.3 41.3

83 13.0 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 51.494 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

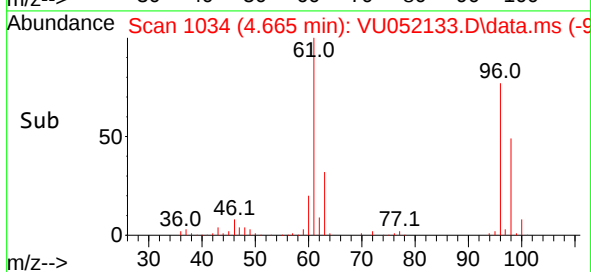
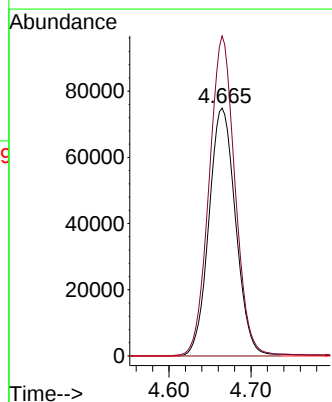
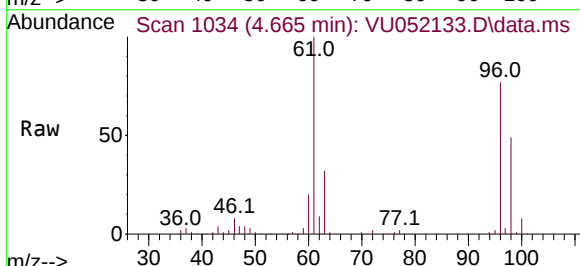
Tgt Ion: 96 Resp: 169497

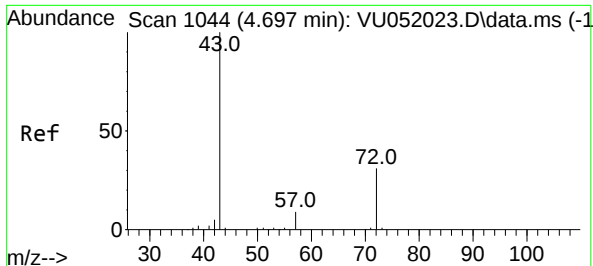
Ion Ratio Lower Upper

96 100

61 129.1 84.5 156.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 107.978 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

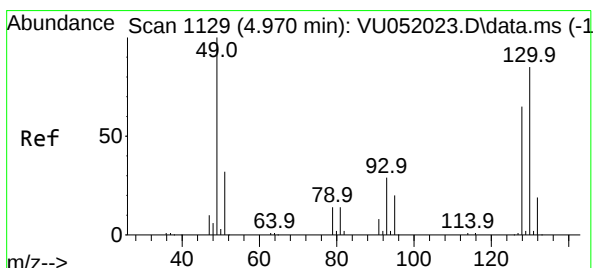
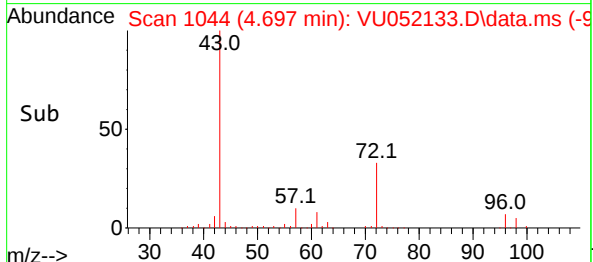
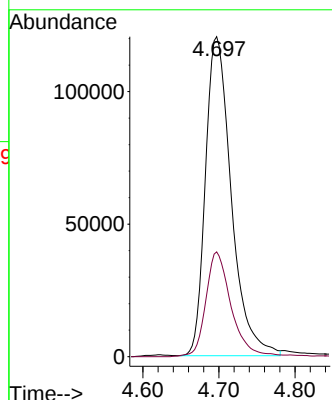
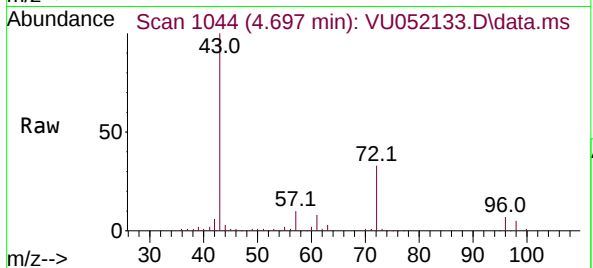
VSTD050134

Tgt Ion: 43 Resp: 284998

Ion Ratio Lower Upper

43 100

72 32.1 15.9 47.7



#23

Bromochloromethane

Concen: 53.200 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

Tgt Ion:128 Resp: 94259

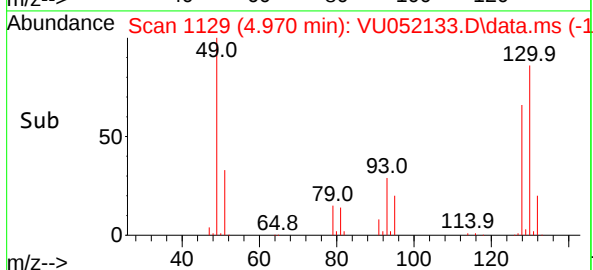
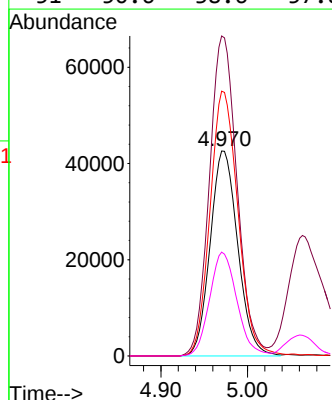
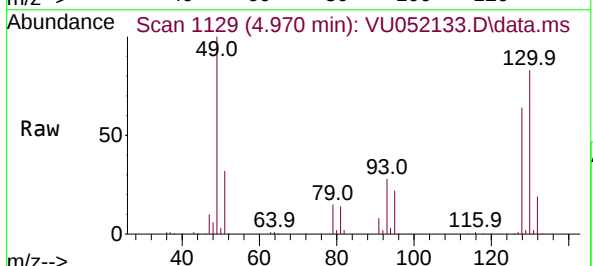
Ion Ratio Lower Upper

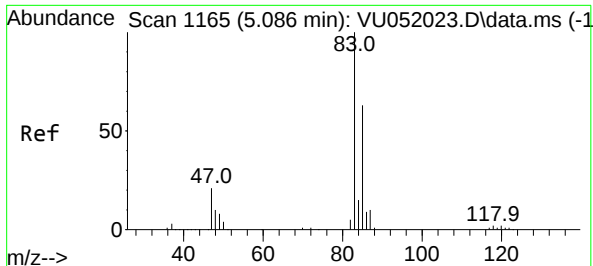
128 100

49 156.2 106.3 197.3

130 129.3 87.4 162.2

51 50.6 38.6 57.8





#25

Chloroform

Concen: 55.095 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

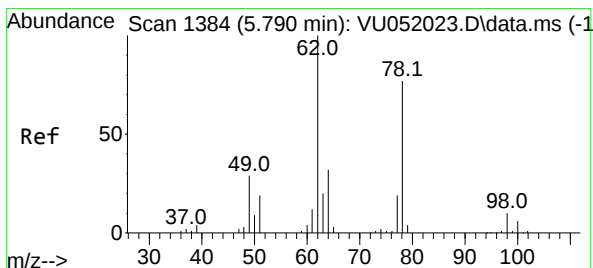
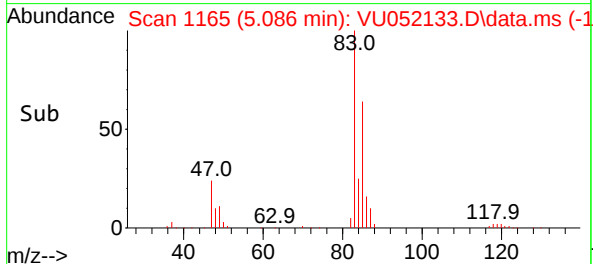
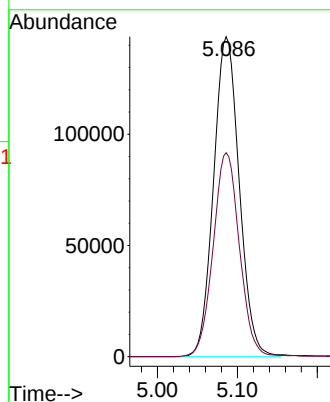
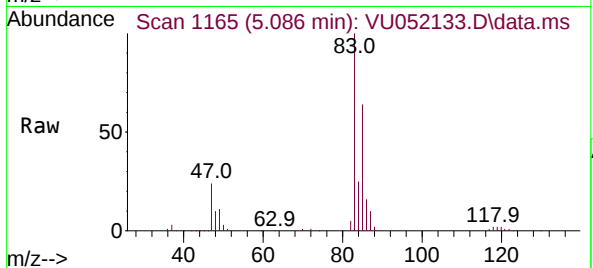
VSTD050134

Tgt Ion: 83 Resp: 320654

Ion Ratio Lower Upper

83 100

85 63.7 46.3 85.9



#27

1,2-Dichloroethane

Concen: 54.419 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU052133.D

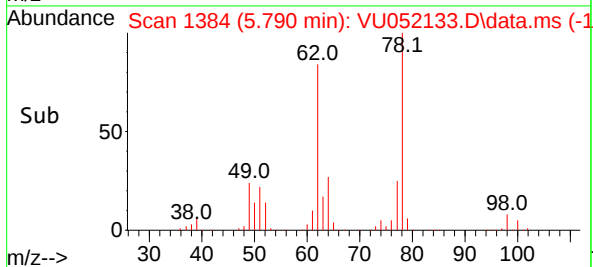
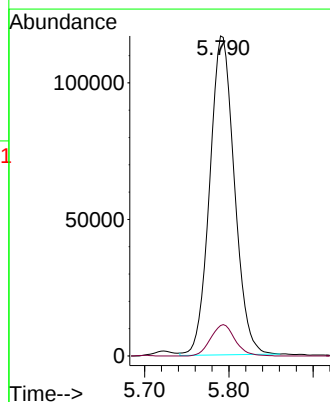
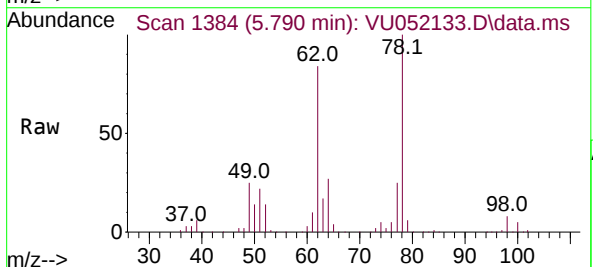
Acq: 25 Nov 2022 10:21

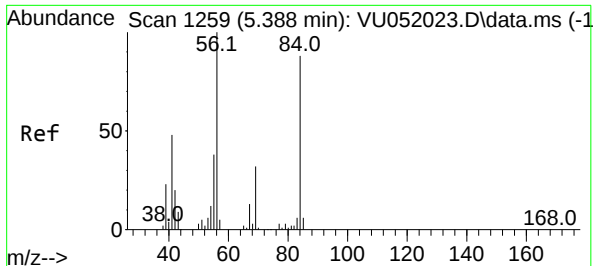
Tgt Ion: 62 Resp: 237606

Ion Ratio Lower Upper

62 100

98 9.5 7.9 11.9





#29

Cyclohexane

Concen: 50.919 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD050134

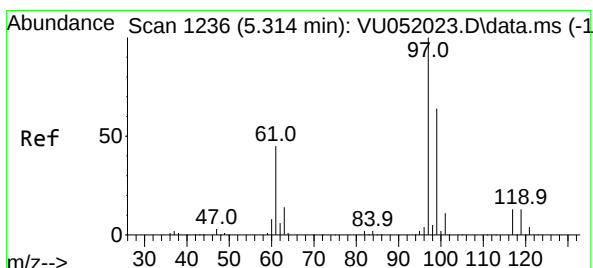
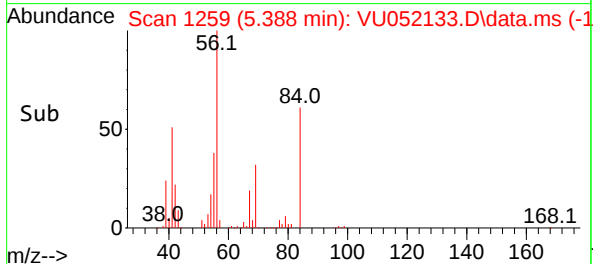
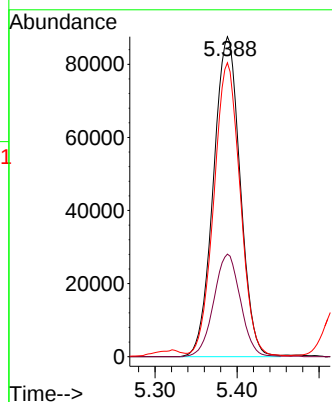
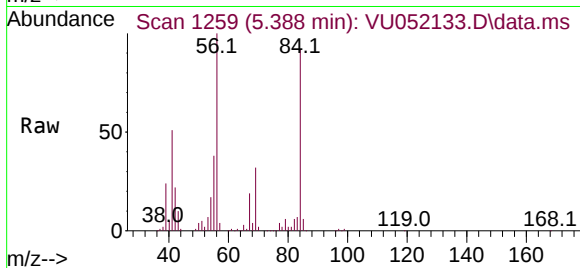
Tgt Ion: 56 Resp: 198106

Ion Ratio Lower Upper

56 100

69 31.9 25.7 38.5

84 90.8 70.2 105.2



#30

1,1,1-Trichloroethane

Concen: 52.558 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

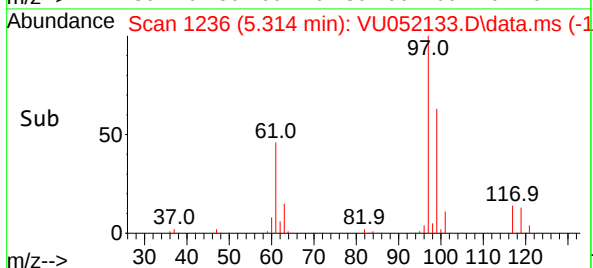
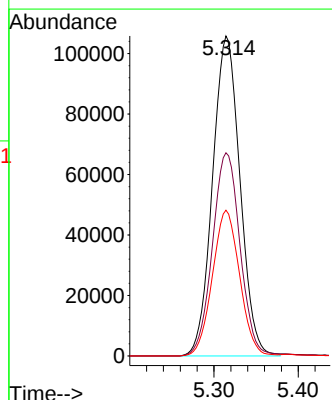
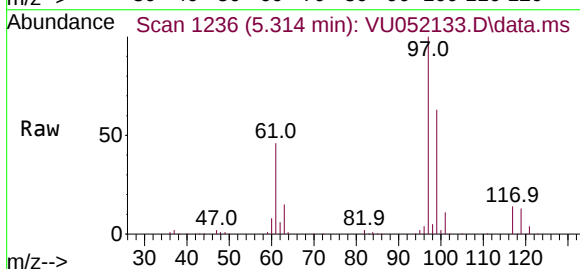
Tgt Ion: 97 Resp: 239123

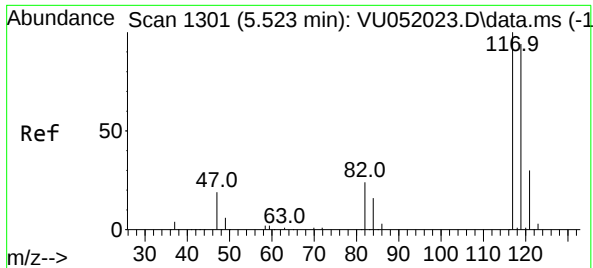
Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.0

61 45.3 37.2 55.8

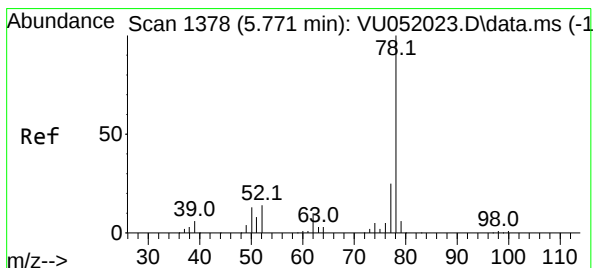
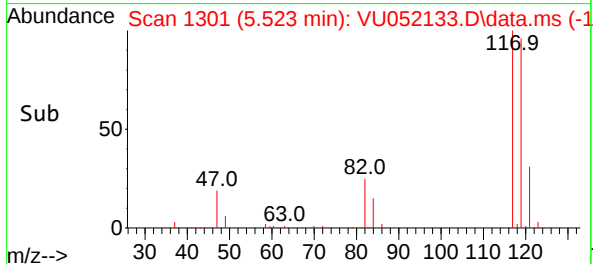
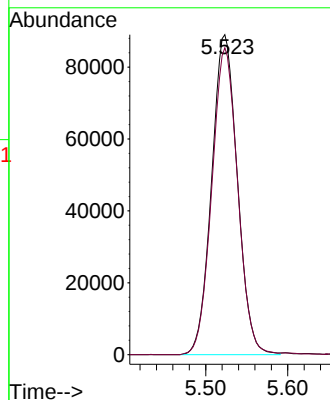
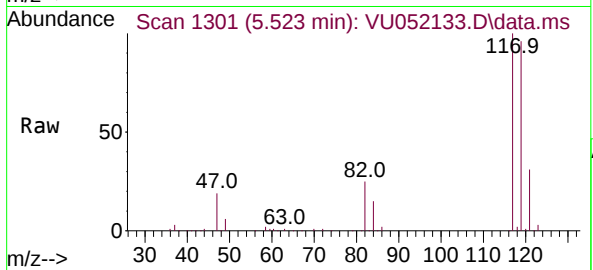




#31
Carbon tetrachloride
Concen: 52.783 ug/L
RT: 5.523 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

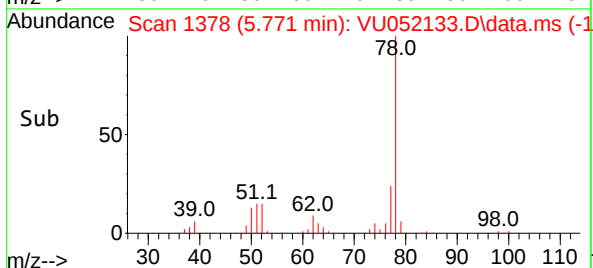
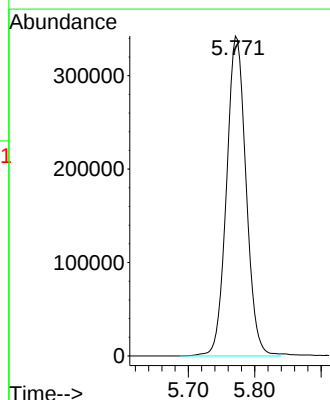
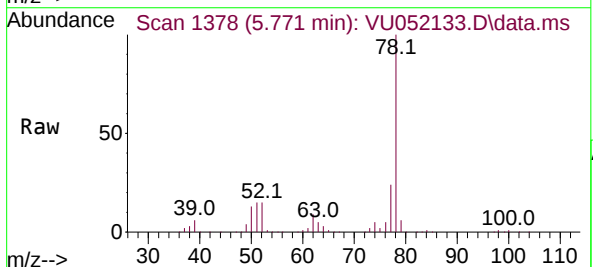
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

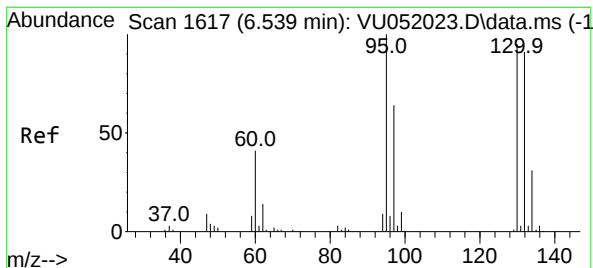
Tgt Ion:117 Resp: 194429
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.2



#33
Benzene
Concen: 53.305 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

Tgt Ion: 78 Resp: 700617





#34

Trichloroethene

Concen: 51.080 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD050134

Tgt Ion: 95 Resp: 156647

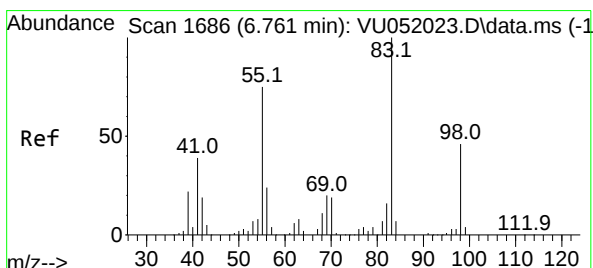
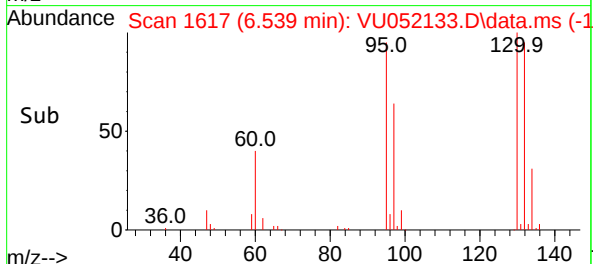
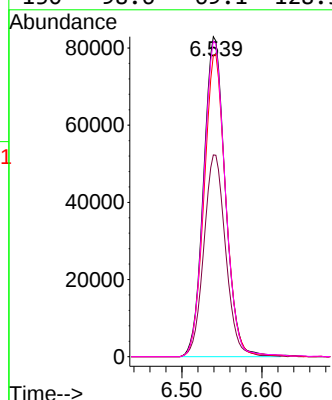
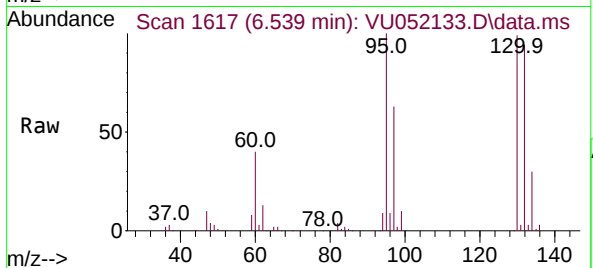
Ion Ratio Lower Upper

95 100

97 63.0 45.3 84.1

132 94.1 66.8 124.2

130 98.6 69.1 128.3



#35

Methylcyclohexane

Concen: 52.801 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

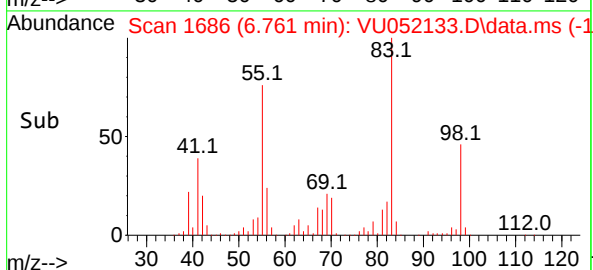
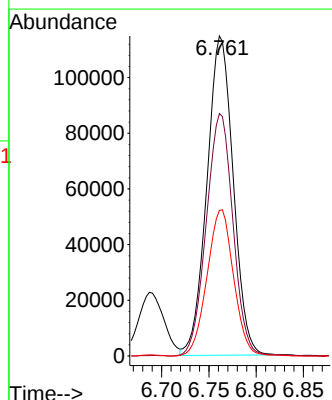
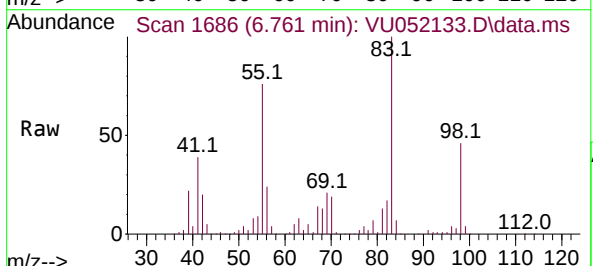
Tgt Ion: 83 Resp: 221926

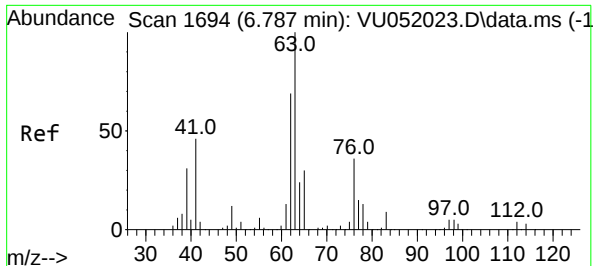
Ion Ratio Lower Upper

83 100

55 76.9 59.0 88.6

98 46.3 36.0 54.0





#37

1,2-Dichloropropane

Concen: 53.338 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

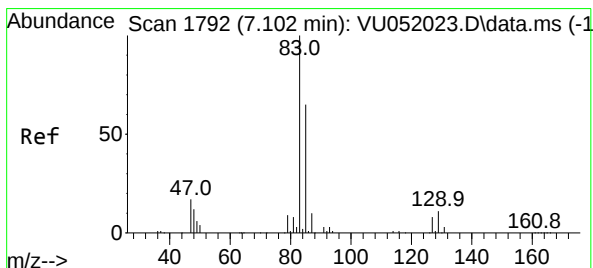
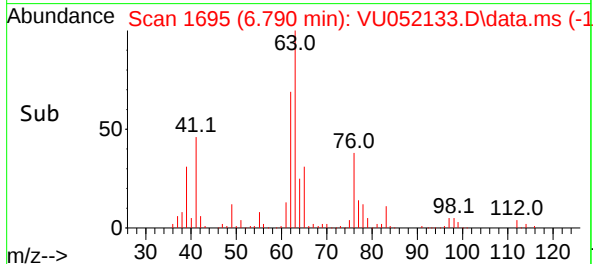
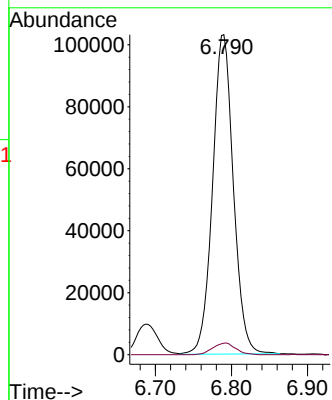
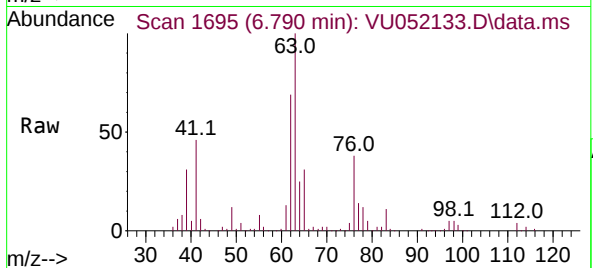
VSTD050134

Tgt Ion: 63 Resp: 195847

Ion Ratio Lower Upper

63 100

112 4.0 3.0 4.6



#38

Bromodichloromethane

Concen: 52.888 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

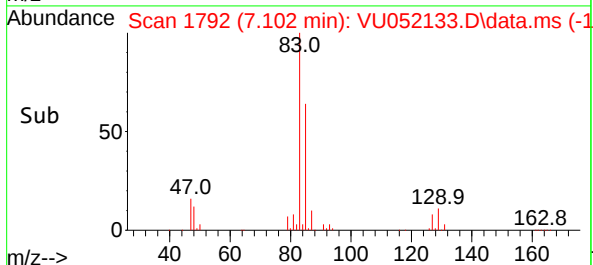
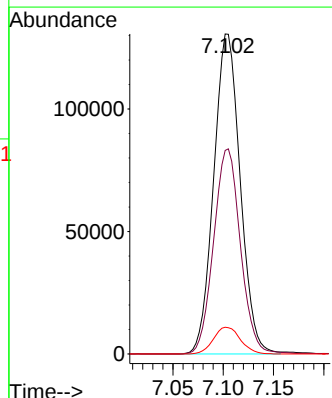
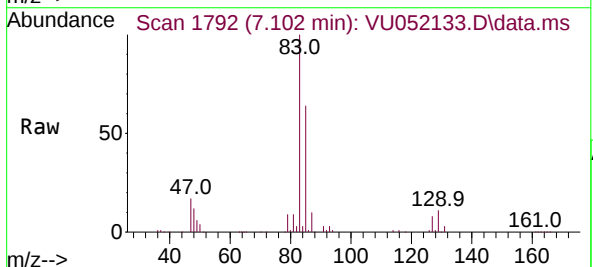
Tgt Ion: 83 Resp: 239766

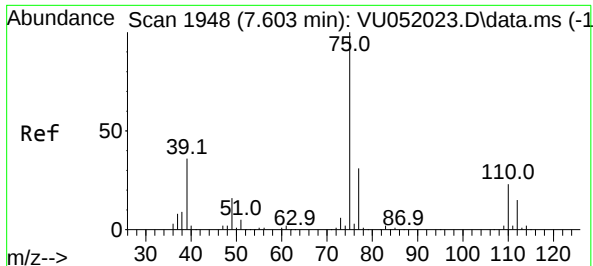
Ion Ratio Lower Upper

83 100

85 63.6 45.9 85.3

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 51.070 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

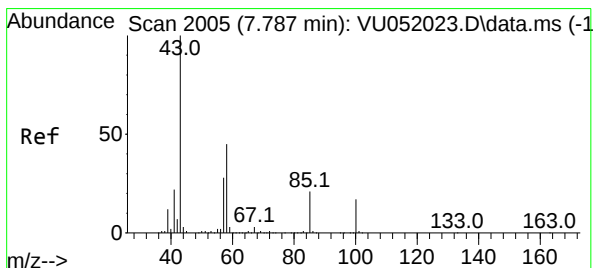
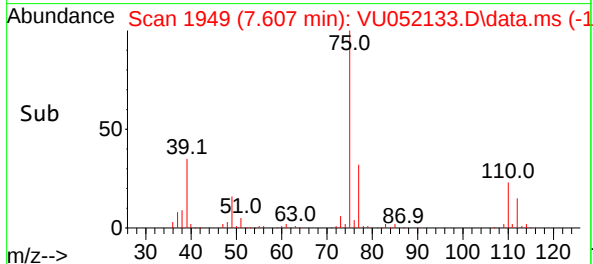
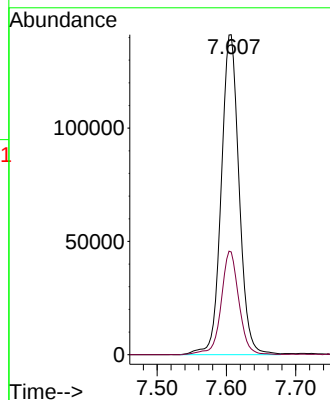
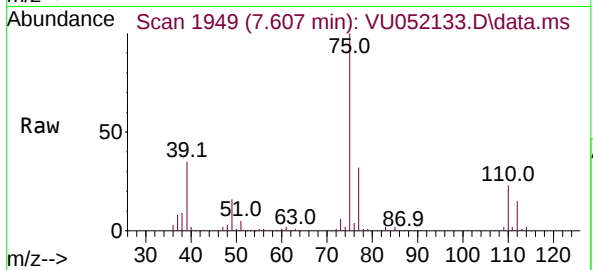
VSTD050134

Tgt Ion: 75 Resp: 253574

Ion Ratio Lower Upper

75 100

77 32.1 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 108.129 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

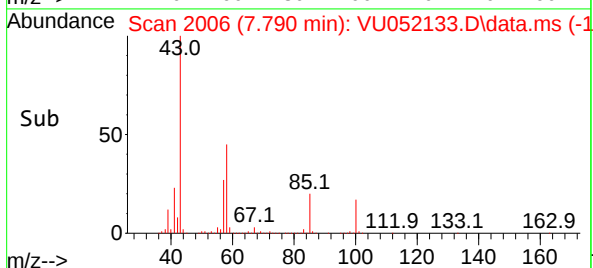
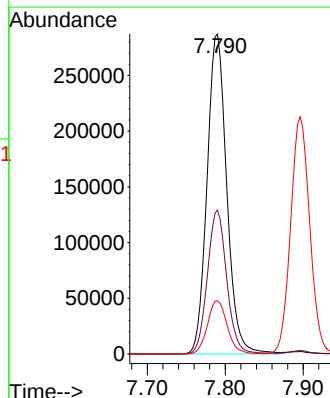
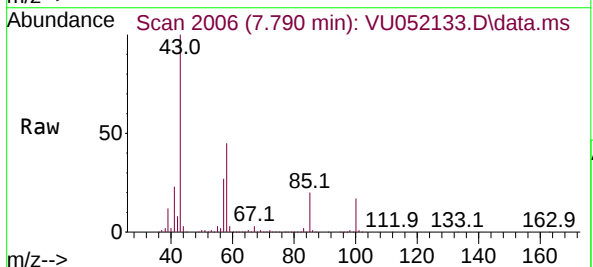
Tgt Ion: 43 Resp: 504978

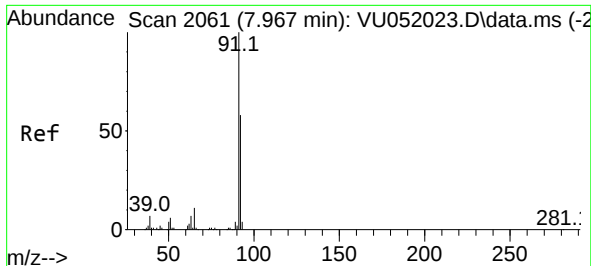
Ion Ratio Lower Upper

43 100

58 44.2 35.8 53.6

100 16.8 13.5 20.3





#42

Toluene

Concen: 54.571 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

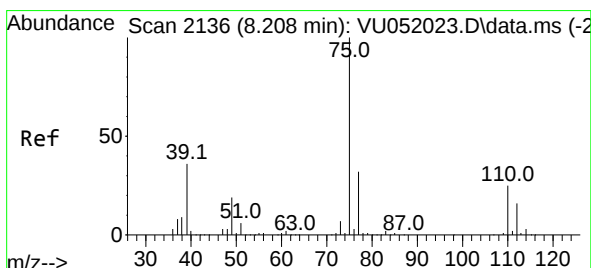
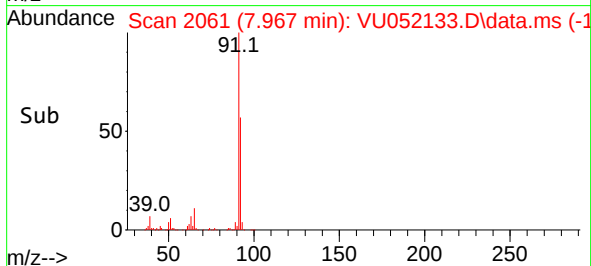
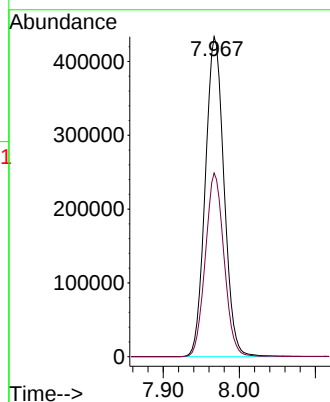
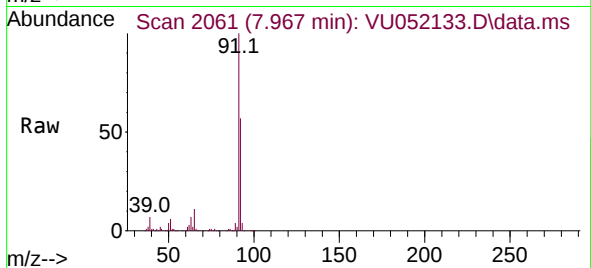
VSTD050134

Tgt Ion: 91 Resp: 741164

Ion Ratio Lower Upper

91 100

92 57.4 39.2 72.8



#44

trans-1,3-Dichloropropene

Concen: 53.472 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU052133.D

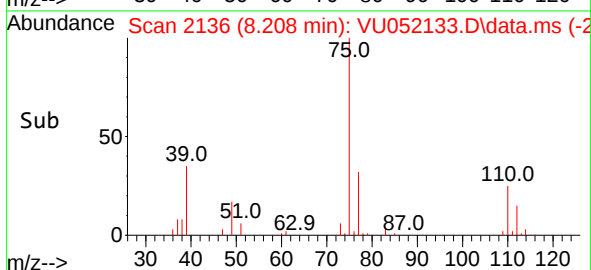
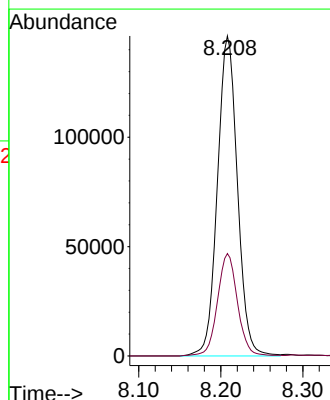
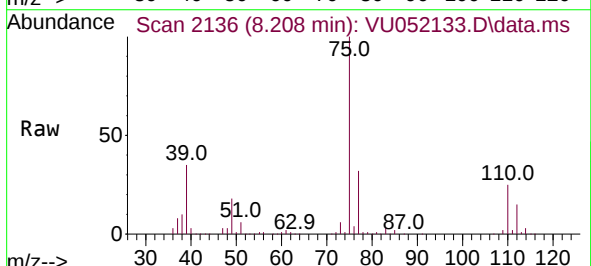
Acq: 25 Nov 2022 10:21

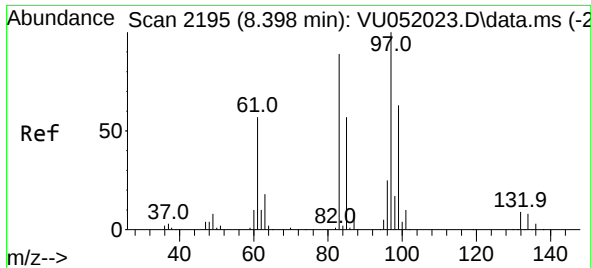
Tgt Ion: 75 Resp: 248336

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.1

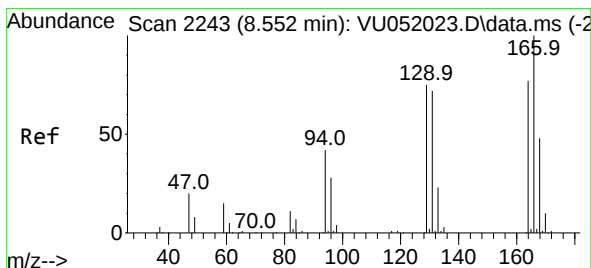
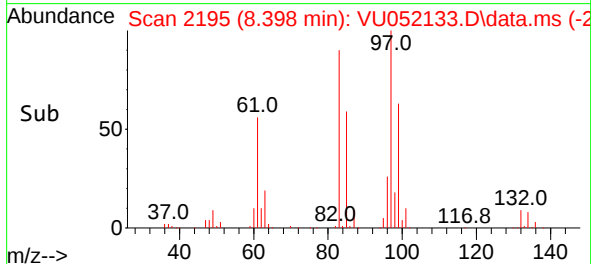
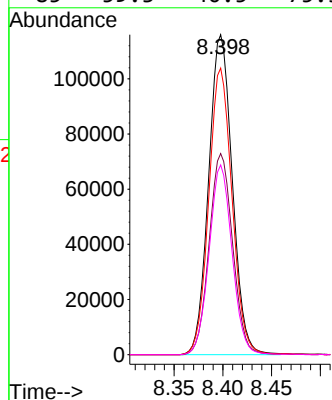
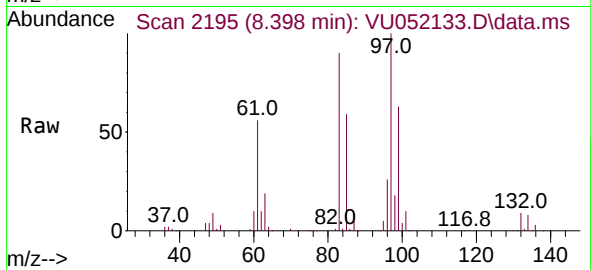




#45
1,1,2-Trichloroethane
Concen: 54.167 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

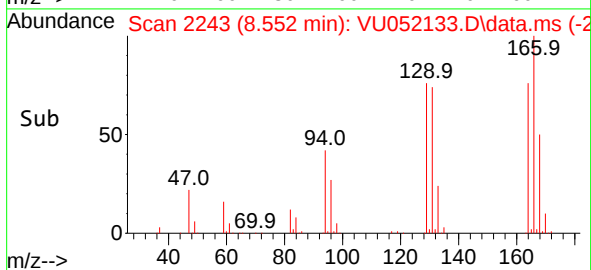
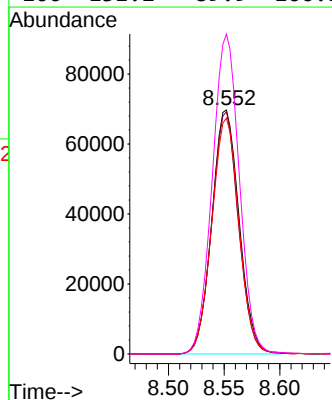
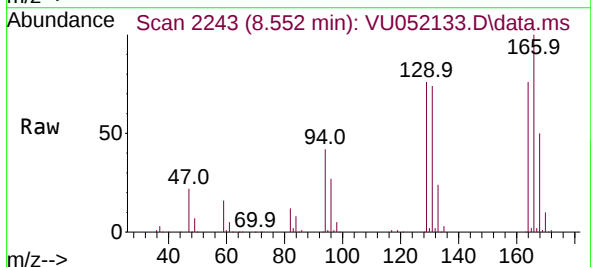
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

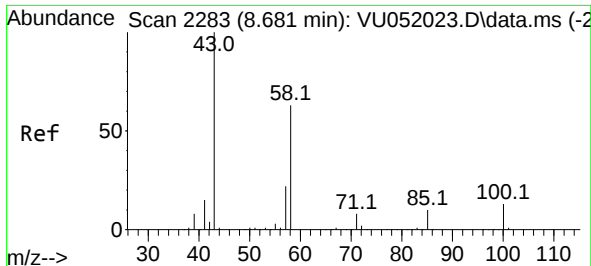
Tgt Ion:	97	Resp:	196068
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.4	82.4
83	89.5	63.2	117.4
85	59.3	40.5	75.3



#46
Tetrachloroethene
Concen: 51.459 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

Tgt Ion:	164	Resp:	119055
Ion	Ratio	Lower	Upper
164	100		
129	99.3	67.3	124.9
131	96.7	65.2	121.2
166	131.2	89.9	166.9

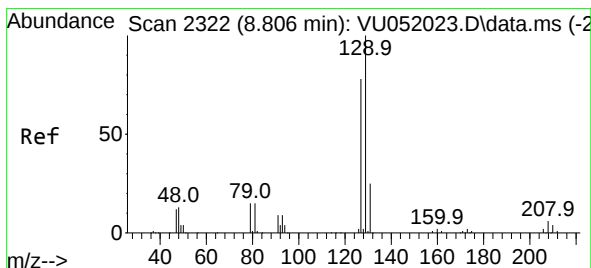
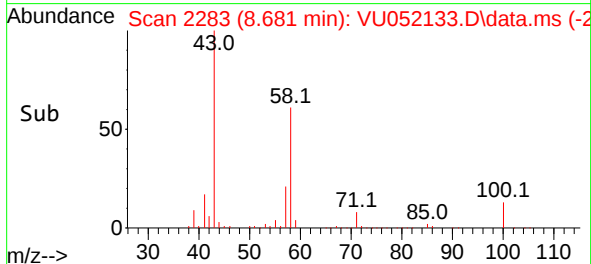
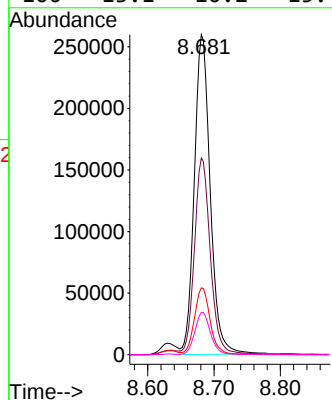
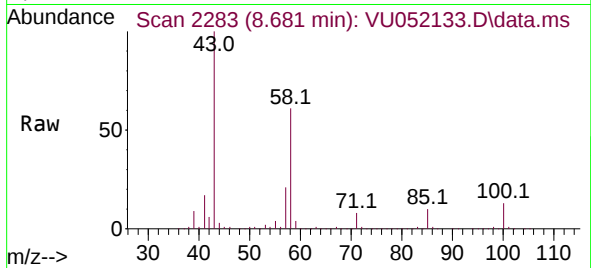




#48
2-Hexanone
Concen: 112.224 ug/L
RT: 8.681 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

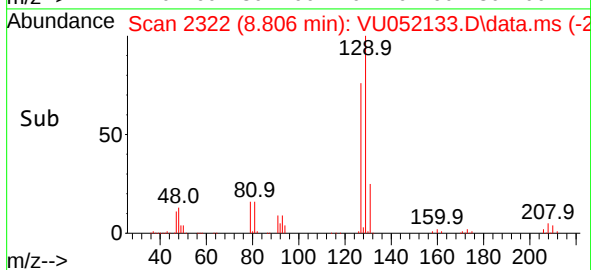
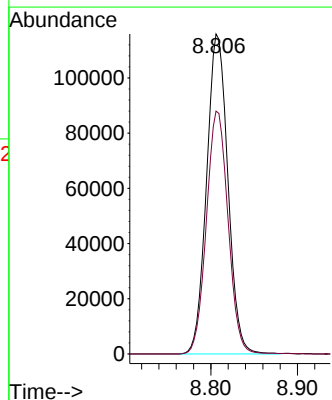
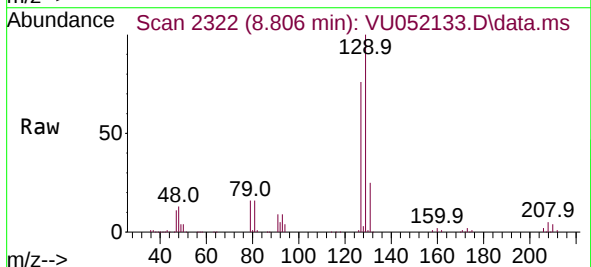
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

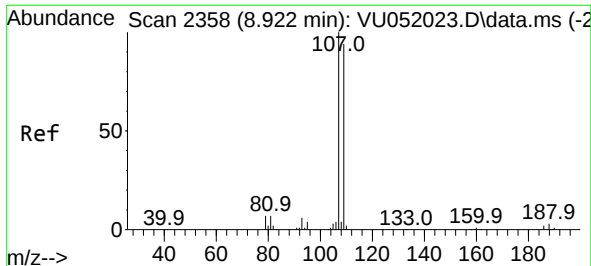
Tgt Ion:	43	Resp:	433710
Ion	Ratio	Lower	Upper
43	100		
58	61.0	49.6	74.4
57	20.2	16.8	25.2
100	13.1	10.2	15.4



#49
Dibromochloromethane
Concen: 53.775 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

Tgt Ion:	129	Resp:	197816
Ion	Ratio	Lower	Upper
129	100		
127	75.9	54.5	101.1





#50

1,2-Dibromoethane

Concen: 52.550 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD050134

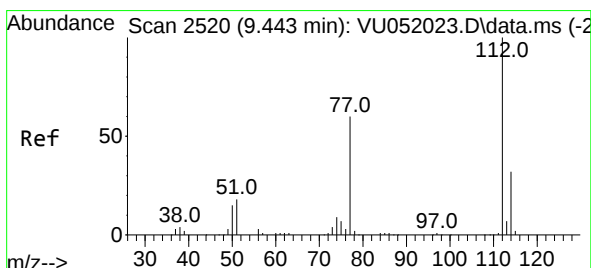
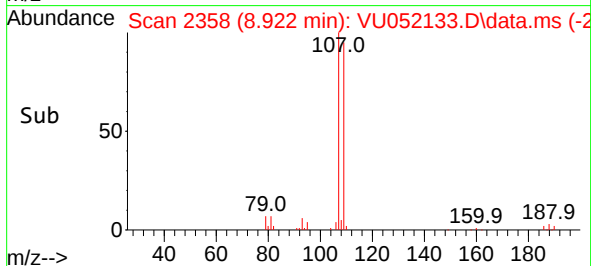
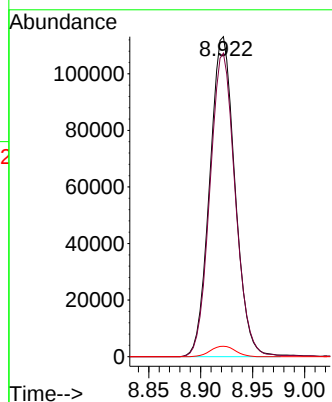
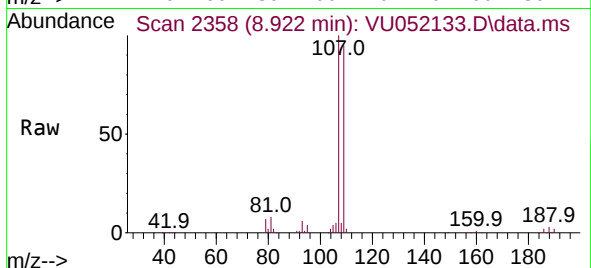
Tgt Ion:107 Resp: 191045

Ion Ratio Lower Upper

107 100

109 94.9 66.6 123.8

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 52.677 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

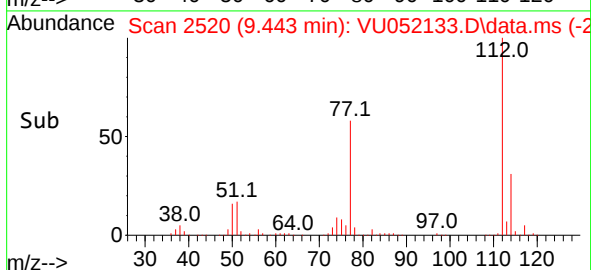
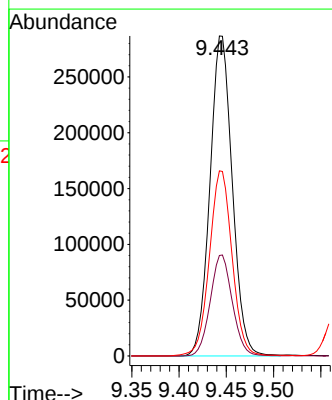
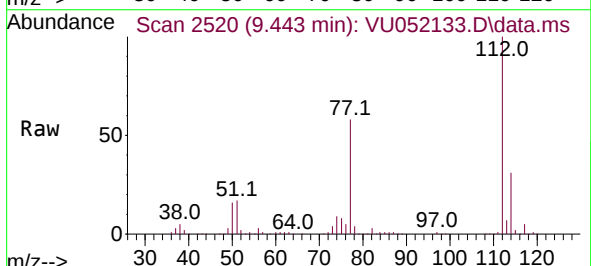
Tgt Ion:112 Resp: 470720

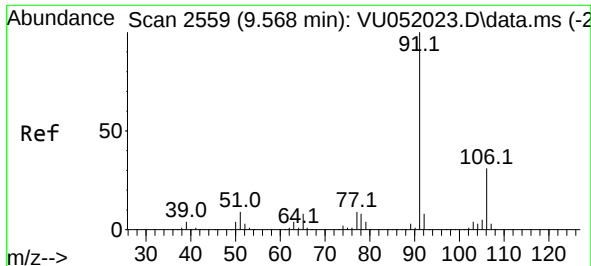
Ion Ratio Lower Upper

112 100

114 31.4 22.2 41.2

77 57.9 46.5 69.7

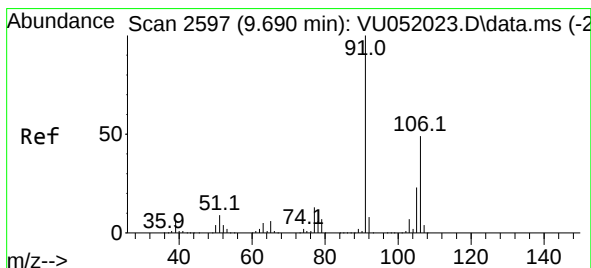
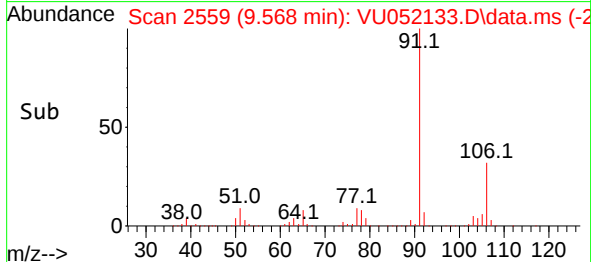
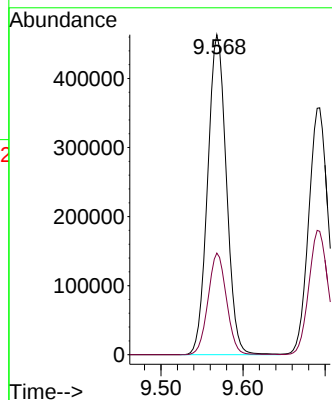
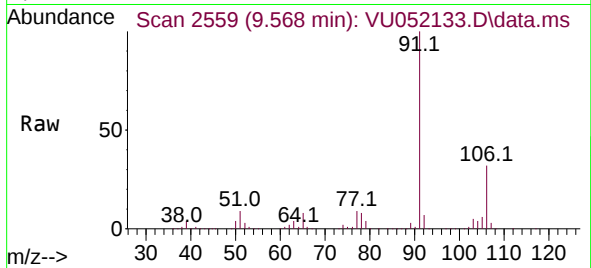




#52
Ethylbenzene
Concen: 53.297 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

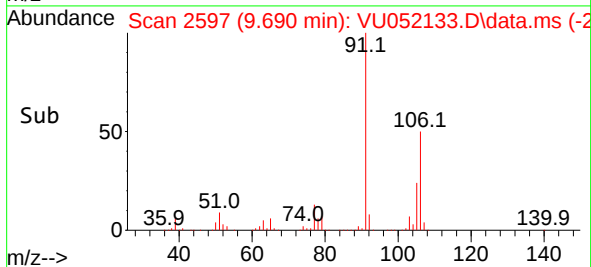
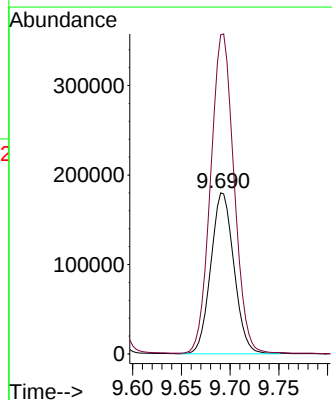
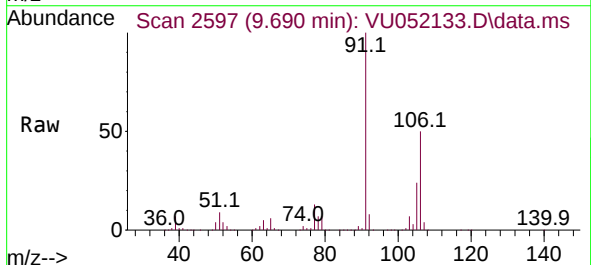
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

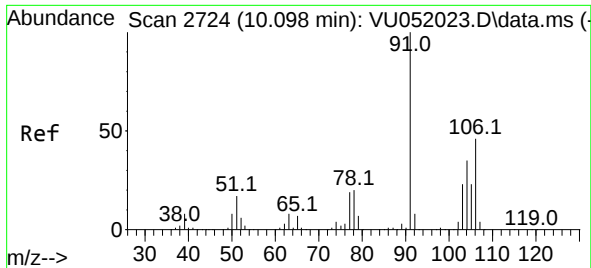
Tgt Ion: 91 Resp: 737030
Ion Ratio Lower Upper
91 100
106 31.8 21.2 39.4



#53
m,p-Xylene
Concen: 55.616 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

Tgt Ion: 106 Resp: 297158
Ion Ratio Lower Upper
106 100
91 198.2 140.3 260.6

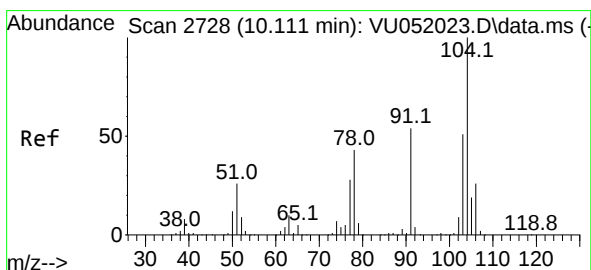
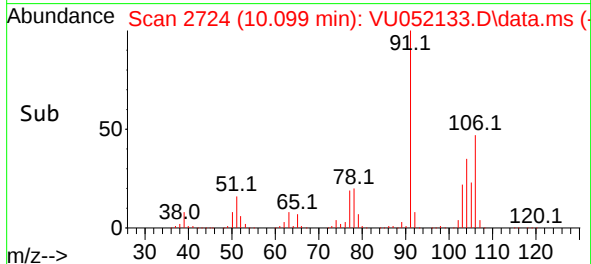
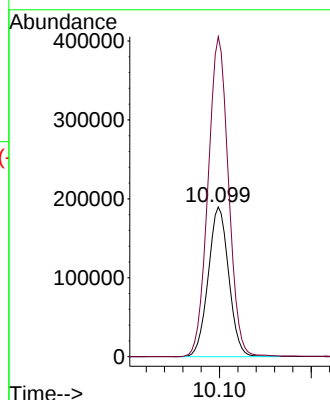
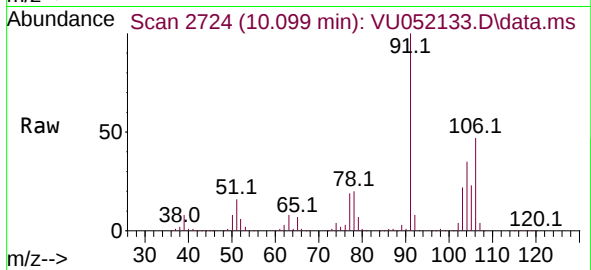




#54
o-Xylene
Concen: 54.500 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

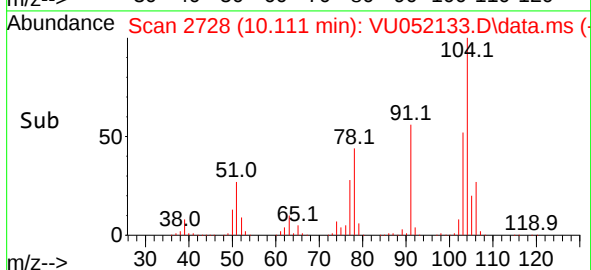
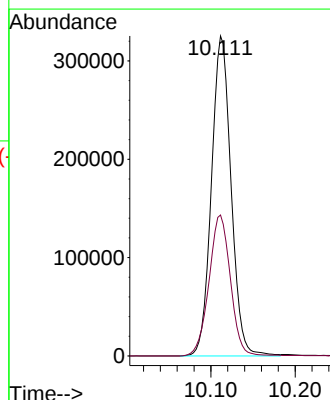
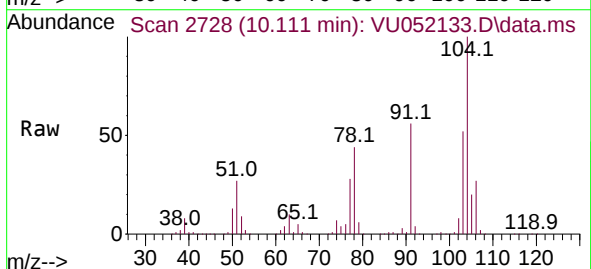
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

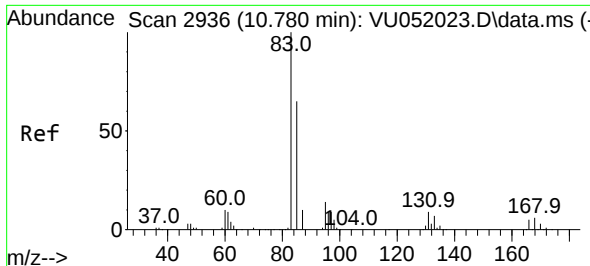
Tgt Ion:106 Resp: 294633
Ion Ratio Lower Upper
106 100
91 213.6 146.7 272.4



#55
Styrene
Concen: 57.504 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

Tgt Ion:104 Resp: 526663
Ion Ratio Lower Upper
104 100
78 44.0 31.2 58.0

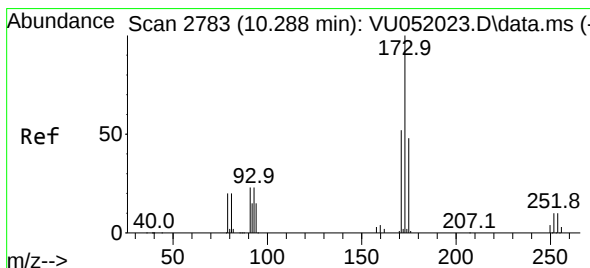
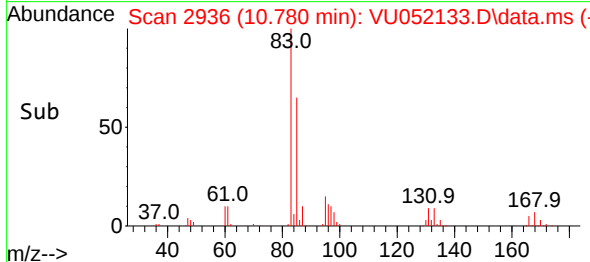
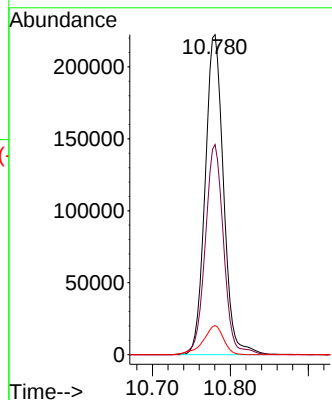
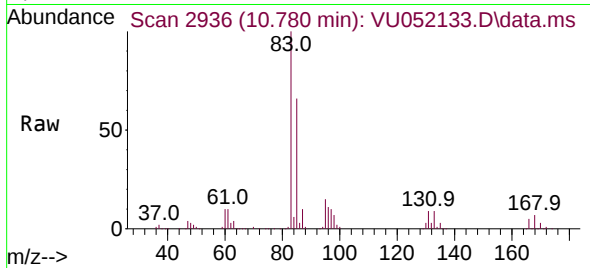




#57
 1,1,2,2-Tetrachloroethane
 Concen: 55.239 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VU052133.D
 Acq: 25 Nov 2022 10:21

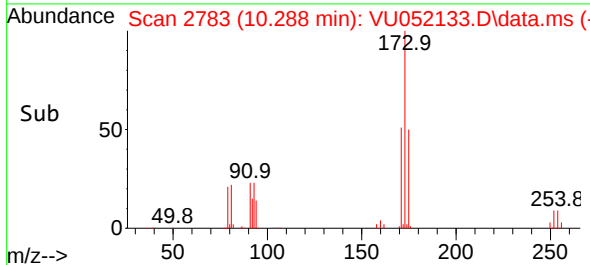
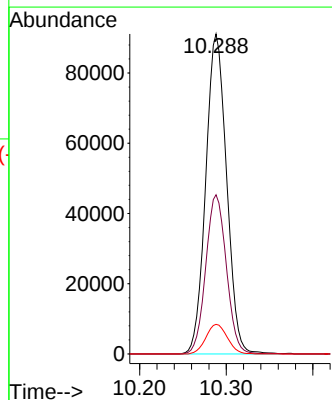
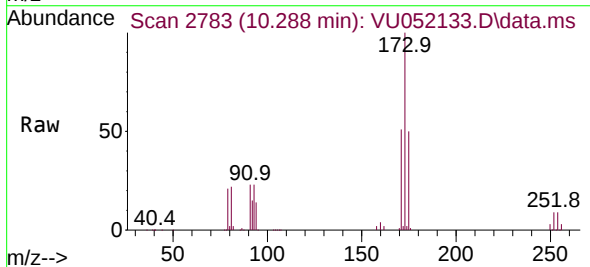
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050134

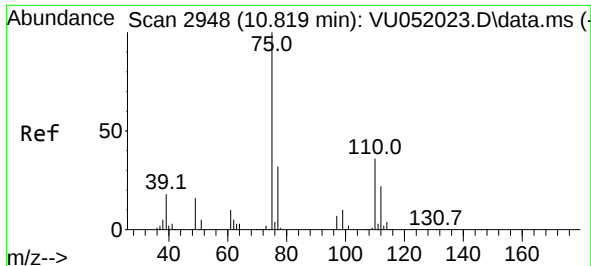
Tgt Ion: 83 Resp: 363851
 Ion Ratio Lower Upper
 83 100
 85 65.7 45.4 84.2
 131 9.1 7.3 10.9



#59
 Bromoform
 Concen: 51.154 ug/L
 RT: 10.288 min Scan# 2783
 Delta R.T. 0.000 min
 Lab File: VU052133.D
 Acq: 25 Nov 2022 10:21

Tgt Ion:173 Resp: 152460
 Ion Ratio Lower Upper
 173 100
 175 49.1 39.8 59.6
 254 9.5 7.5 11.3

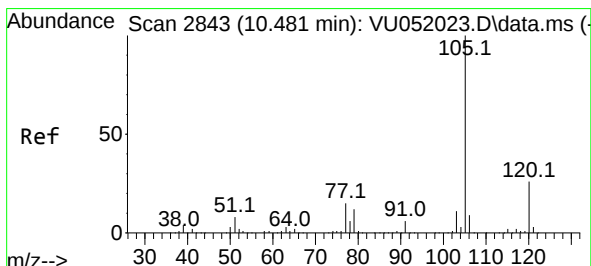
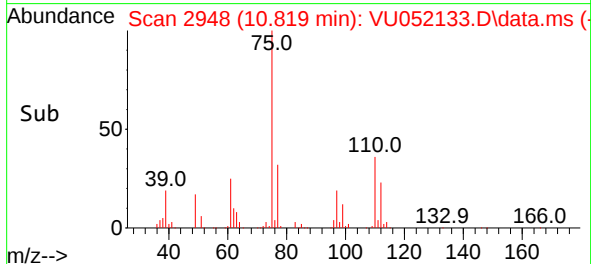
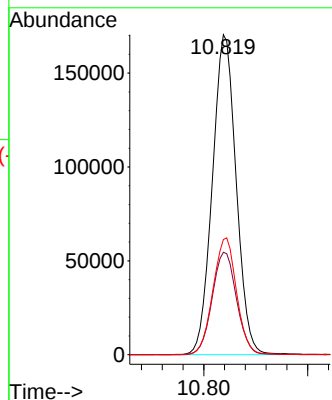
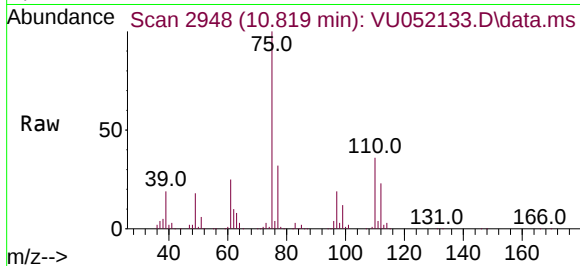




#60
1,2,3-Trichloropropane
Concen: 50.684 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

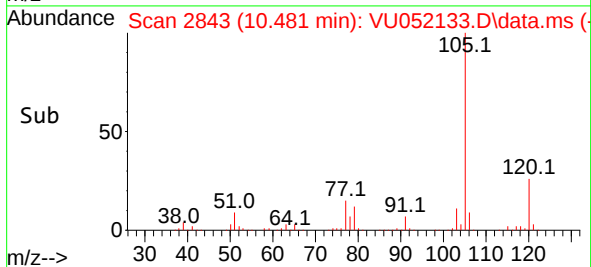
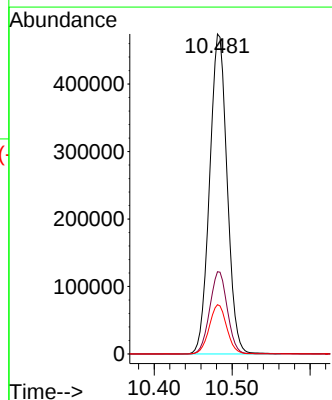
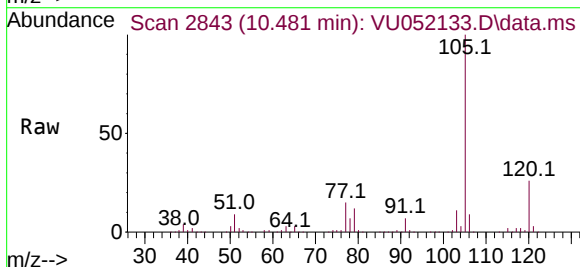
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

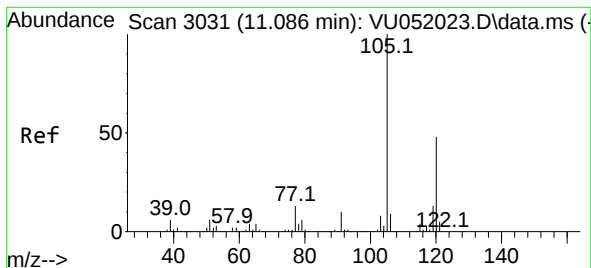
Tgt Ion: 75 Resp: 270838
Ion Ratio Lower Upper
75 100
77 32.9 26.0 39.0
110 36.3 29.0 43.4



#61
Isopropylbenzene
Concen: 52.575 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

Tgt Ion: 105 Resp: 738261
Ion Ratio Lower Upper
105 100
120 25.9 21.1 31.7
77 15.4 12.4 18.6





#62

1,3,5-Trimethylbenzene

Concen: 52.554 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

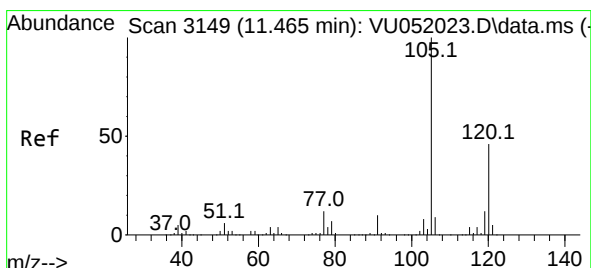
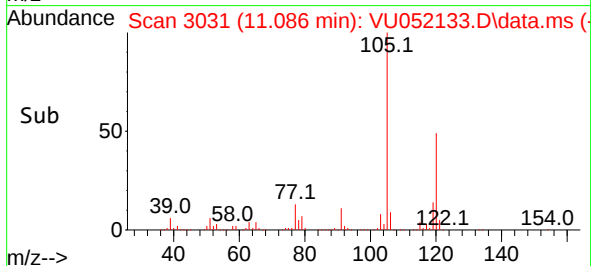
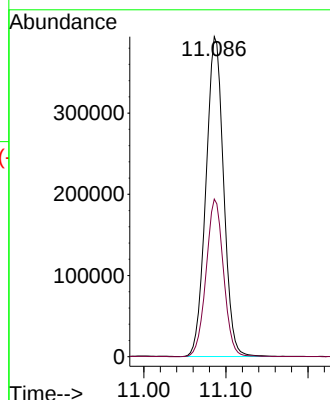
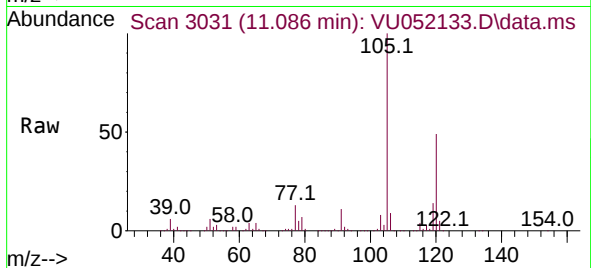
VSTD050134

Tgt Ion:105 Resp: 589588

Ion Ratio Lower Upper

105 100

120 48.7 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 53.759 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU052133.D

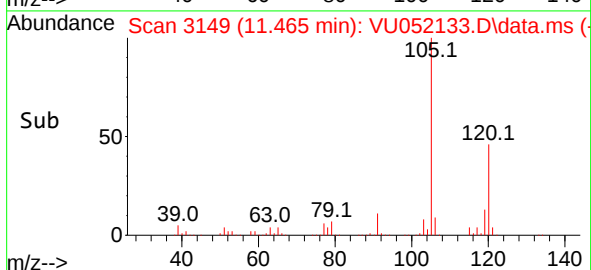
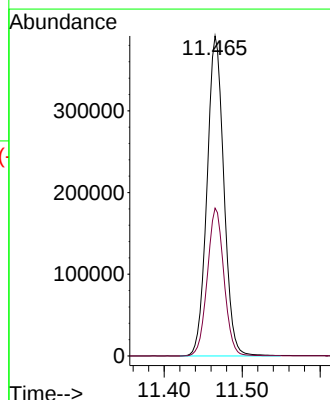
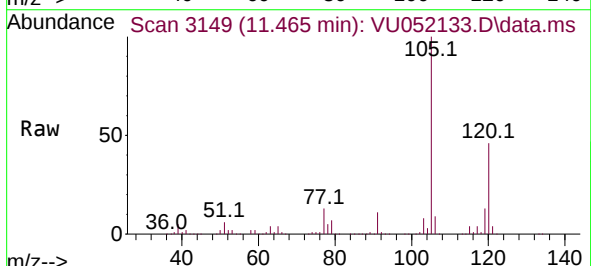
Acq: 25 Nov 2022 10:21

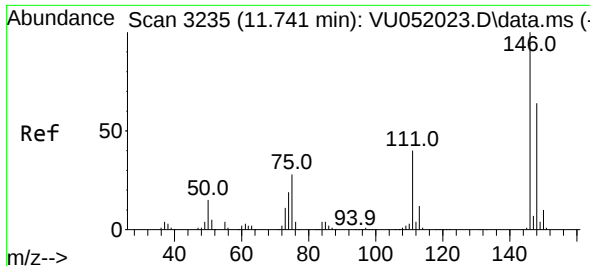
Tgt Ion:105 Resp: 587744

Ion Ratio Lower Upper

105 100

120 45.7 36.1 54.1

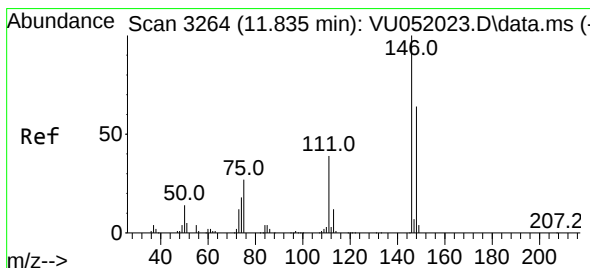
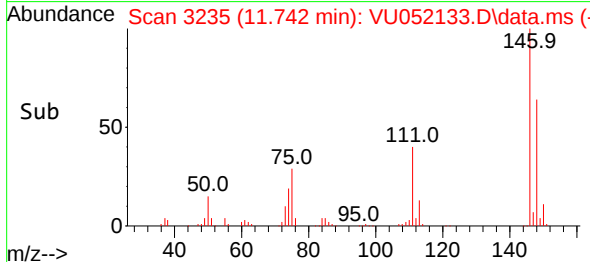
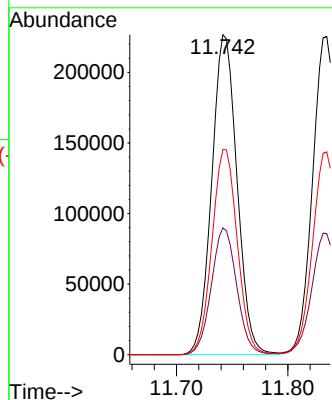
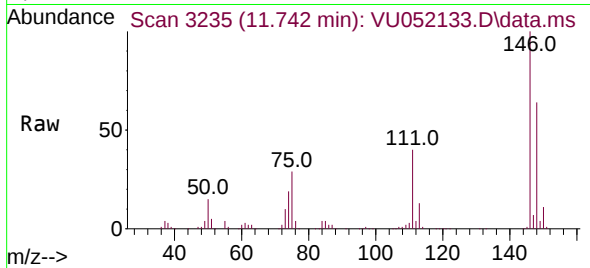




#64
 1,3-Dichlorobenzene
 Concen: 52.572 ug/L
 RT: 11.742 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052133.D
 Acq: 25 Nov 2022 10:21

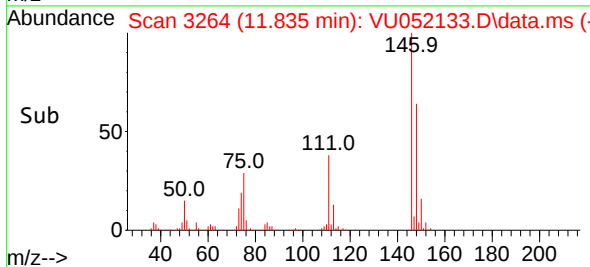
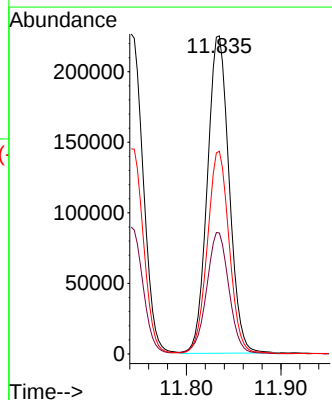
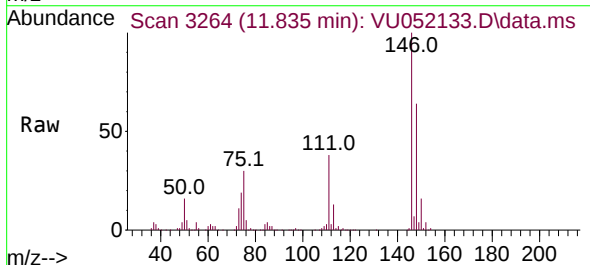
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050134

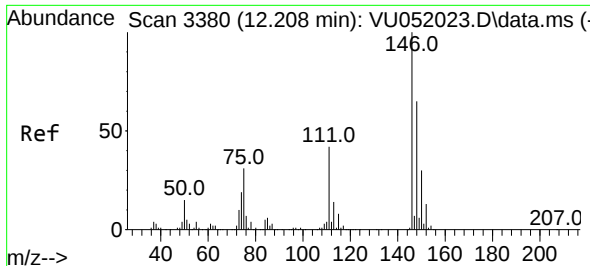
Tgt Ion:146 Resp: 357857
 Ion Ratio Lower Upper
 146 100
 111 39.6 27.5 51.1
 148 64.1 44.9 83.3



#65
 1,4-Dichlorobenzene
 Concen: 51.925 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. 0.003 min
 Lab File: VU052133.D
 Acq: 25 Nov 2022 10:21

Tgt Ion:146 Resp: 360146
 Ion Ratio Lower Upper
 146 100
 111 38.0 27.6 51.2
 148 63.7 44.8 83.2

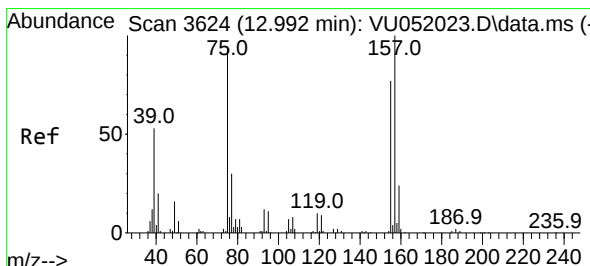
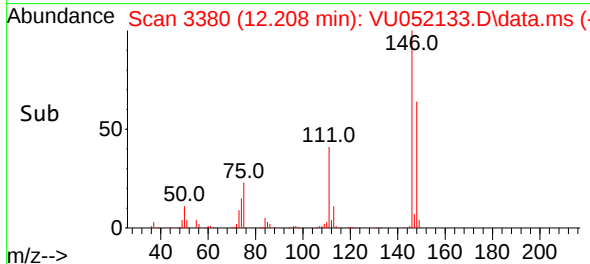
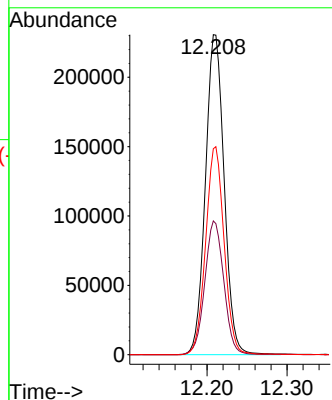
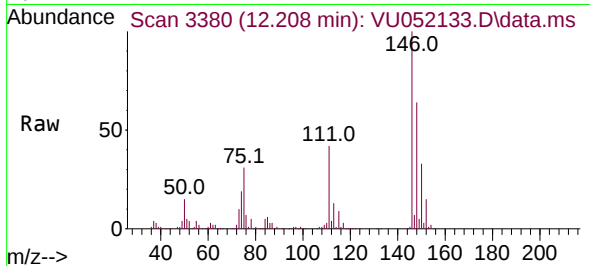




#67
1,2-Dichlorobenzene
Concen: 52.822 ug/L
RT: 12.208 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

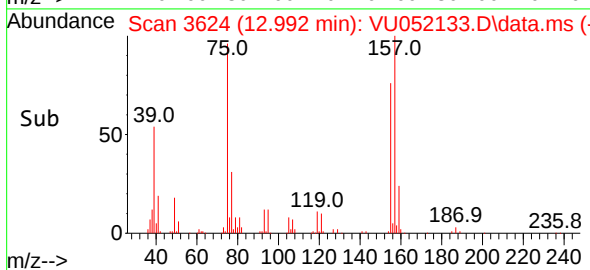
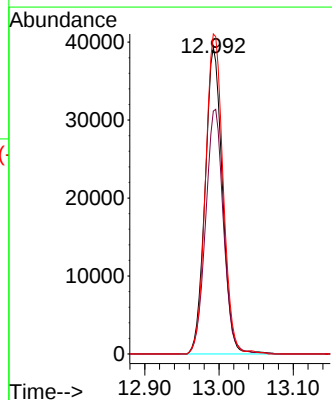
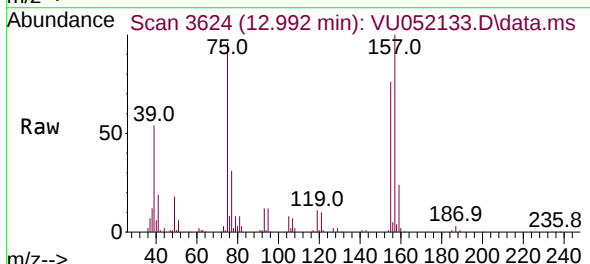
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

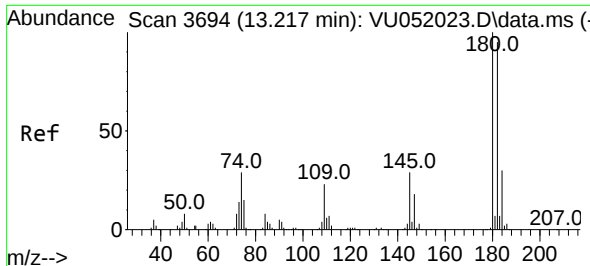
Tgt Ion:146 Resp: 376734
Ion Ratio Lower Upper
146 100
111 41.8 34.2 51.4
148 64.4 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 48.408 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

Tgt Ion: 75 Resp: 63730
Ion Ratio Lower Upper
75 100
155 79.2 66.3 99.5
157 104.3 82.8 124.2





#69

1,3,5-Trichlorobenzene

Concen: 52.270 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD050134

Tgt Ion:180 Resp: 237533

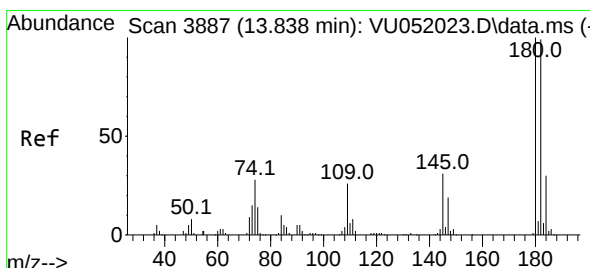
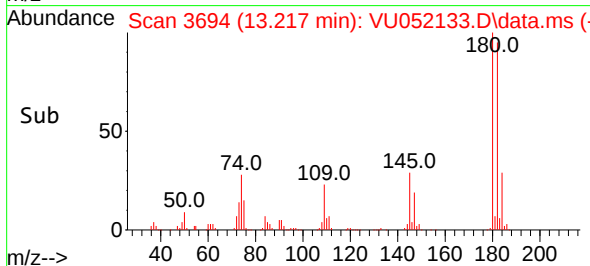
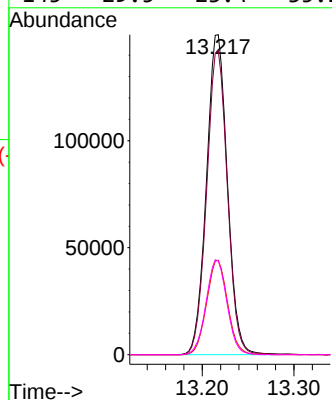
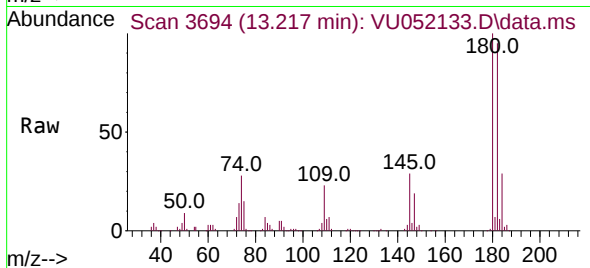
Ion Ratio Lower Upper

180 100

182 93.9 77.2 115.8

184 29.6 24.6 36.8

145 29.5 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 48.514 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU052133.D

Acq: 25 Nov 2022 10:21

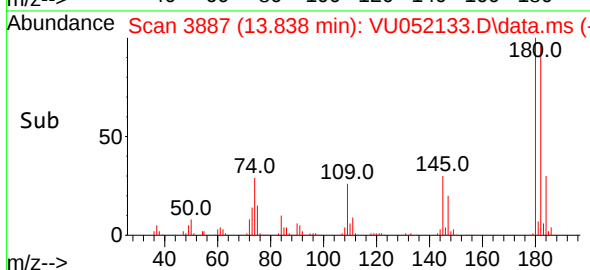
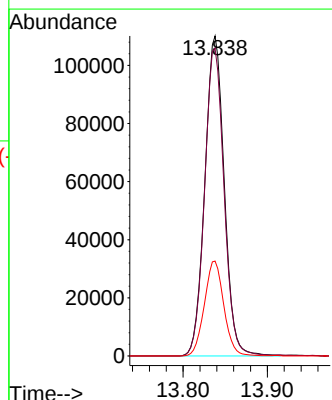
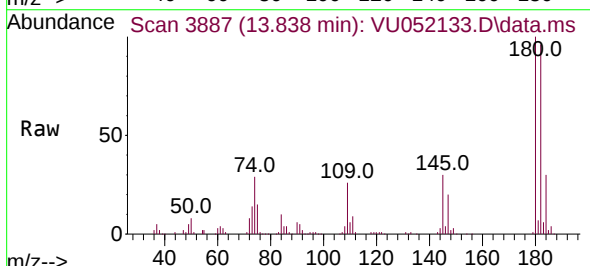
Tgt Ion:180 Resp: 177097

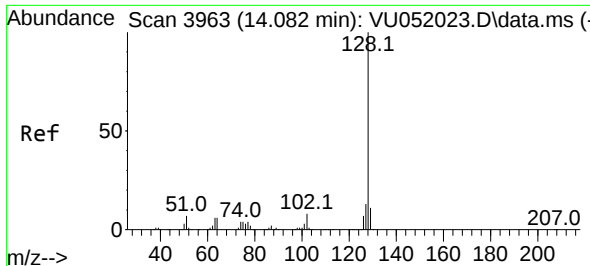
Ion Ratio Lower Upper

180 100

182 96.3 75.4 113.2

145 29.7 23.4 35.0

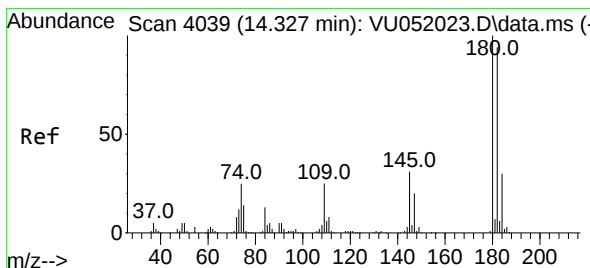
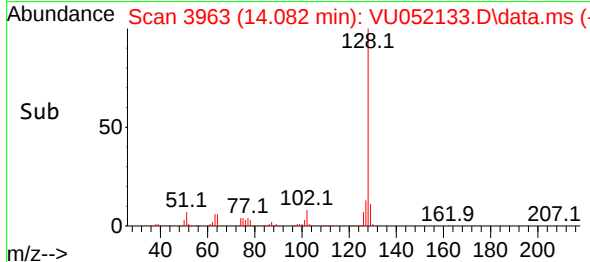
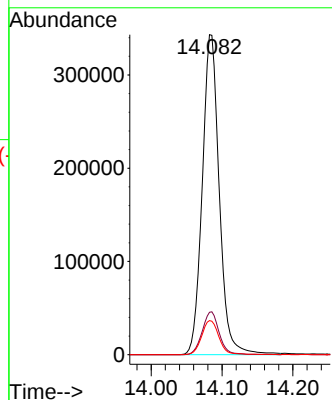
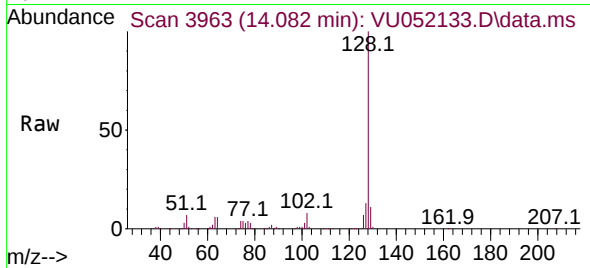




#71
Naphthalene
Concen: 48.177 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

Tgt Ion:128 Resp: 572559
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 51.858 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU052133.D
Acq: 25 Nov 2022 10:21

Tgt Ion:180 Resp: 205087
Ion Ratio Lower Upper
180 100
182 95.3 76.1 114.1
145 31.8 25.8 38.6

