

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061223\
 Data File : VU054479.D
 Acq On : 12 Jun 2023 11:09
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005179

Quant Time: Jun 13 02:20:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 12 00:58:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	298237	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	288266	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	155333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	61849	3.259	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.914	69	66372	3.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.563	65	29467	3.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.637	46	283243	53.077	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.160%
24) Chloroform-d	5.059	84	175282	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.698	65	87213	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.724	84	323016	4.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.689	67	114365	4.274	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.894	98	287517	4.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.177	79	39638	4.259	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.631	63	187872	48.120	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.240%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93961	4.708	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	111308	4.248	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	145801	5.232	ug/L	100
3) Chloromethane	1.518	50	168234	5.255	ug/L	99
5) Vinyl chloride	1.602	62	172431	5.248	ug/L	99
6) Bromomethane	1.859	94	98525	5.454	ug/L	98
8) Chloroethane	1.933	64	105545	5.359	ug/L	99
9) Trichlorofluoromethane	2.136	101	215626	5.338	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	129518	5.481	ug/L	99
12) 1,1-Dichloroethene	2.580	96	115714	5.349	ug/L	98
13) Acetone	2.647	43	378365	75.199	ug/L	98
14) Carbon disulfide	2.792	76	339209	5.288	ug/L	100
15) Methyl Acetate	2.956	43	48866	5.241	ug/L	94
16) Methylene chloride	3.046	84	144411	4.748	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	291592	5.461	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	118334	5.298	ug/L	99
19) 1,1-Dichloroethane	3.866	63	248102	5.368	ug/L	99
21) 2-Butanone	4.715	43	443466	67.912	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	135753	5.338	ug/L	97
23) Bromochloromethane	4.972	128	57145	5.400	ug/L	95
25) Chloroform	5.084	83	247891	5.440	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061223\
 Data File : VU054479.D
 Acq On : 12 Jun 2023 11:09
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005179

Quant Time: Jun 13 02:20:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 12 00:58:03 2023
 Response via : Initial Calibration

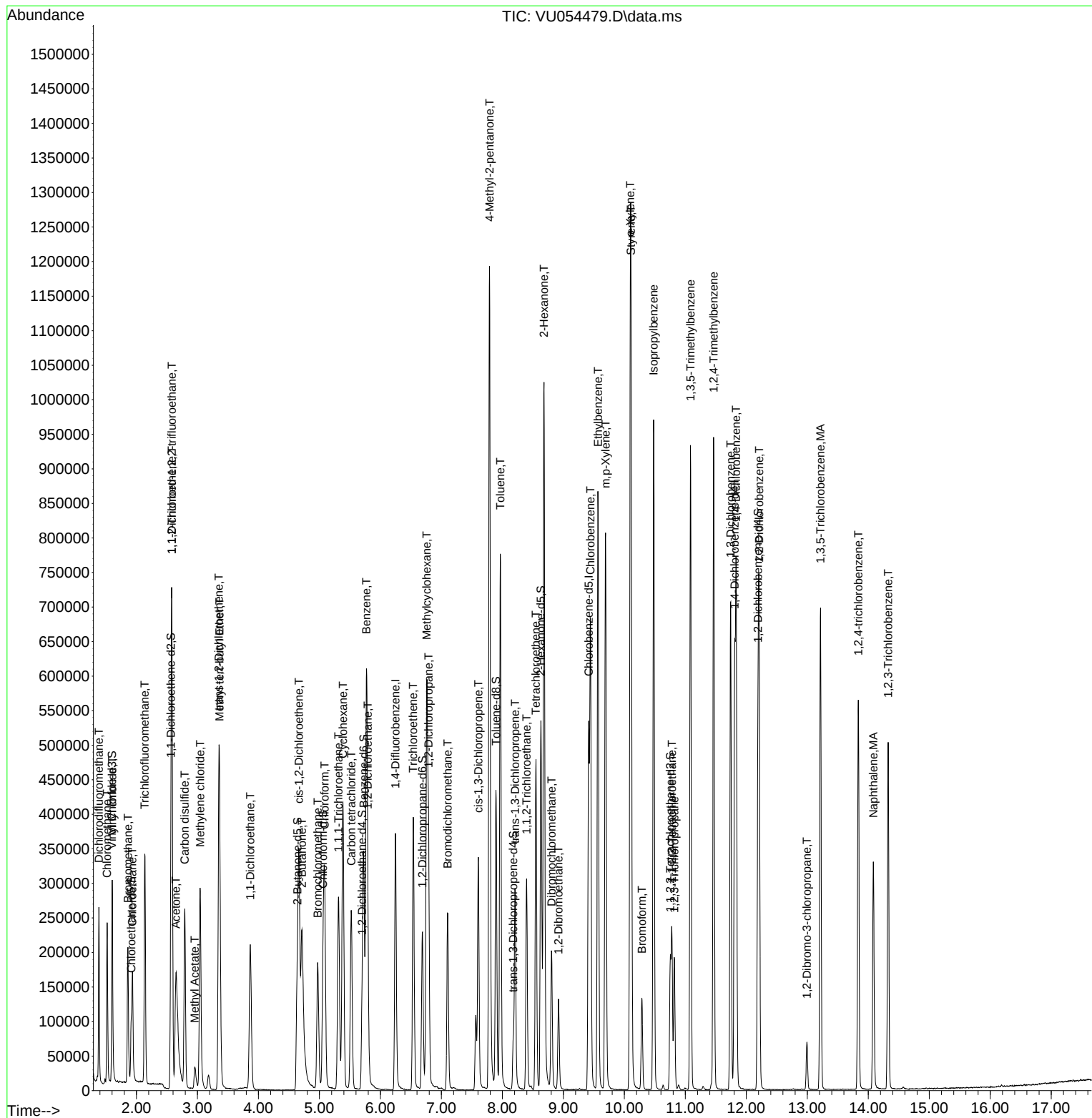
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	142321	5.329	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	205213	5.250	ug/L	99
30) Cyclohexane	5.386	56	214256	5.032	ug/L	99
31) Carbon tetrachloride	5.522	117	179124	5.318	ug/L	99
33) Benzene	5.769	78	532814	5.143	ug/L	100
34) Trichloroethene	6.538	95	141731	5.173	ug/L	93
35) Methylcyclohexane	6.759	83	211878	5.117	ug/L	99
37) 1,2-Dichloropropane	6.788	63	145329	5.188	ug/L	99
38) Bromodichloromethane	7.103	83	172046	5.426	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	206645	5.403	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	807800	54.038	ug/L	99
42) Toluene	7.965	91	569404	5.337	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	170643	5.498	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	97130	5.451	ug/L	99
47) Tetrachloroethene	8.550	164	106389	5.073	ug/L	96
48) 2-Hexanone	8.682	43	678007	60.871	ug/L	100
49) Dibromochloromethane	8.804	129	105967	5.663	ug/L	99
50) 1,2-Dibromoethane	8.920	107	88336	5.399	ug/L	99
51) Chlorobenzene	9.444	112	355295	5.342	ug/L	99
52) Ethylbenzene	9.566	91	617332	5.298	ug/L	100
53) m,p-Xylene	9.692	106	234466	5.478	ug/L	100
54) o-Xylene	10.097	106	226120	5.463	ug/L	98
55) Styrene	10.110	104	386108	5.557	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	118472	5.234	ug/L	96
59) Bromoform	10.287	173	61501	5.515	ug/L	98
60) Isopropylbenzene	10.480	105	617620	5.435	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	83307	5.307	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	500450	5.398	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	510757	5.424	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	286941	5.402	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	285910	5.363	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	259749	5.317	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	19046	5.521	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	222067	5.541	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	177947	5.370	ug/L	100
71) Naphthalene	14.084	128	266639	4.948	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	155747	5.471	ug/L	99

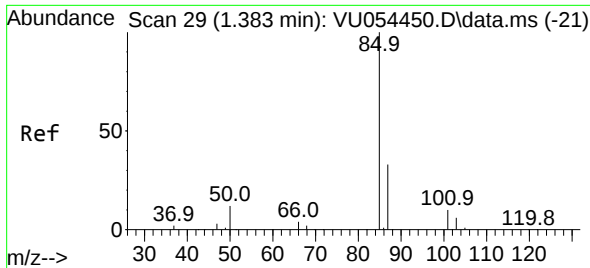
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061223\
Data File : VU054479.D
Acq On : 12 Jun 2023 11:09
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

Quant Time: Jun 13 02:20:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 12 00:58:03 2023
Response via : Initial Calibration

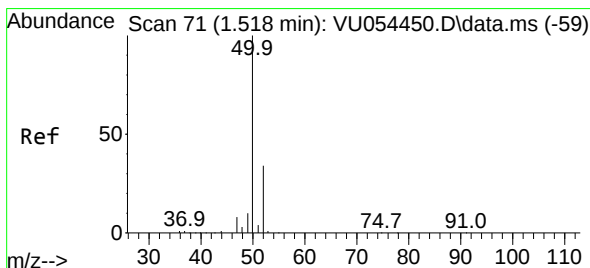
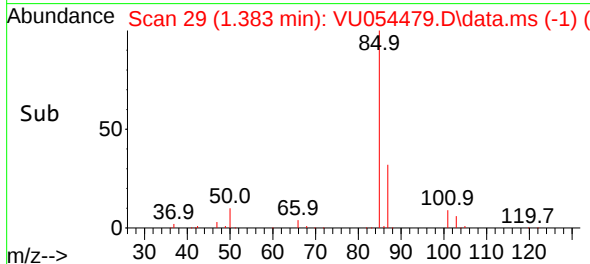
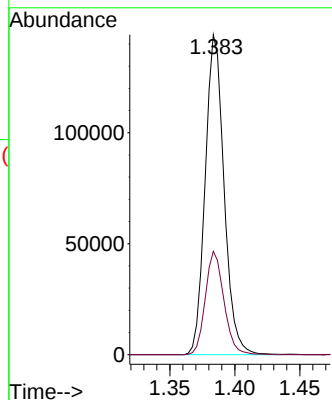
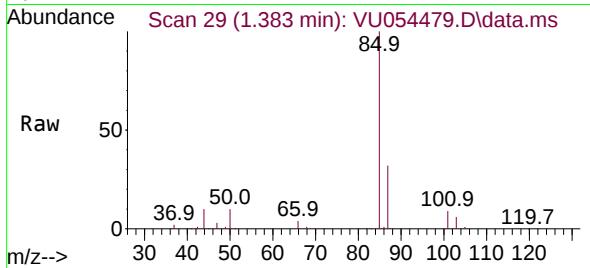




#2
 Dichlorodifluoromethane
 Concen: 5.232 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU054479.D
 Acq: 12 Jun 2023 11:09

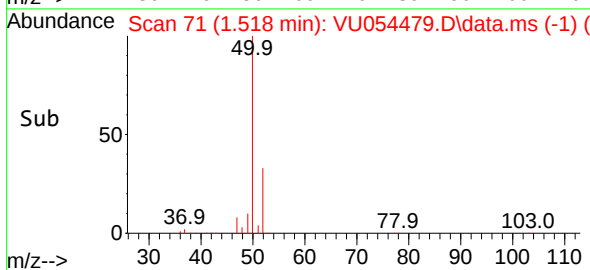
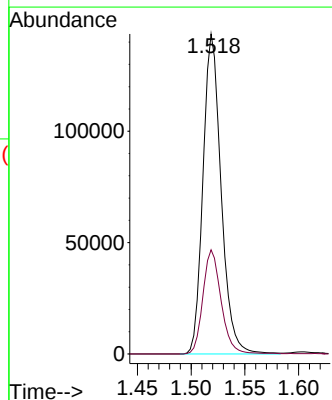
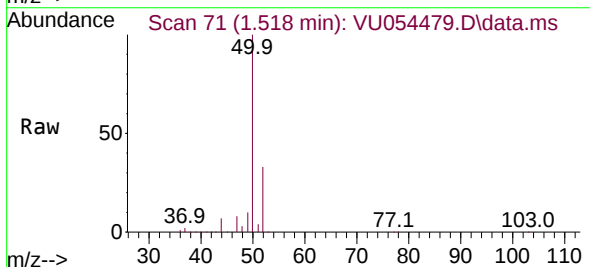
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005179

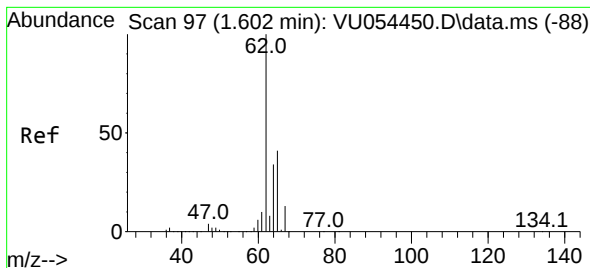
Tgt Ion: 85 Resp: 145801
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.4 38.2



#3
 Chloromethane
 Concen: 5.255 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU054479.D
 Acq: 12 Jun 2023 11:09

Tgt Ion: 50 Resp: 168234
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.4 43.4





#5

Vinyl chloride

Concen: 5.248 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU054479.D

Acq: 12 Jun 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

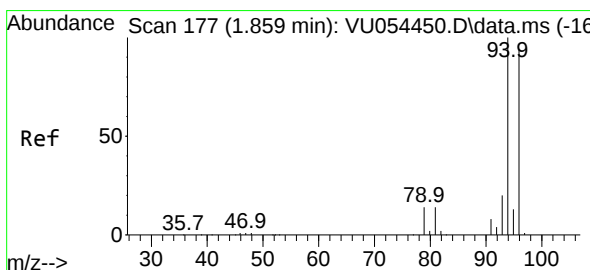
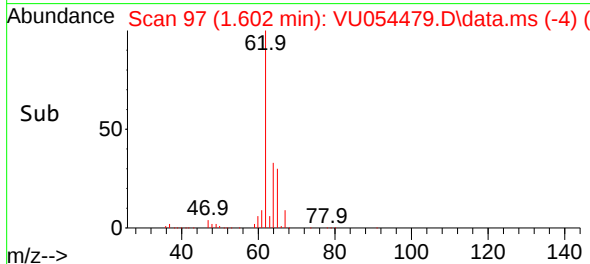
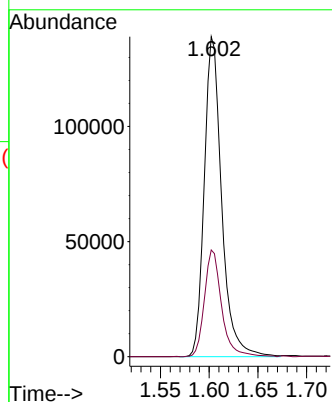
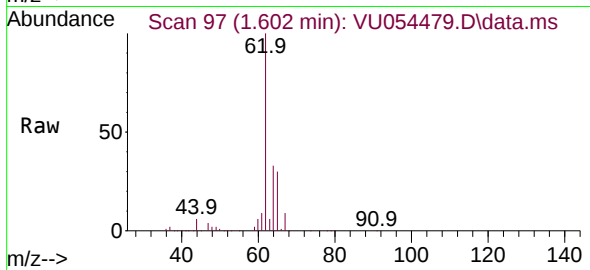
VSTD005179

Tgt Ion: 62 Resp: 172431

Ion Ratio Lower Upper

62 100

64 33.4 23.0 42.6



#6

Bromomethane

Concen: 5.454 ug/L

RT: 1.859 min Scan# 177

Delta R.T. 0.000 min

Lab File: VU054479.D

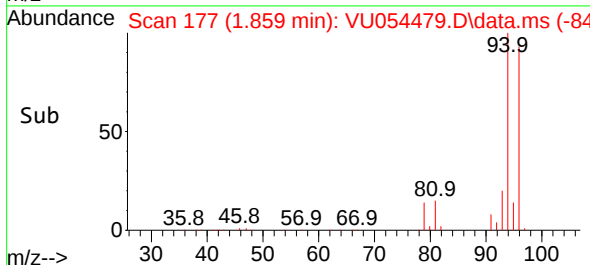
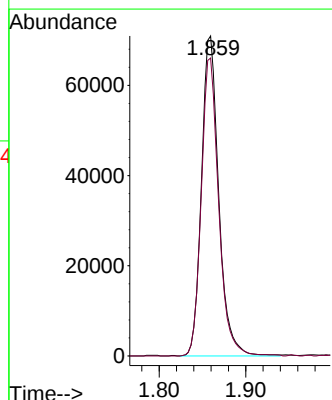
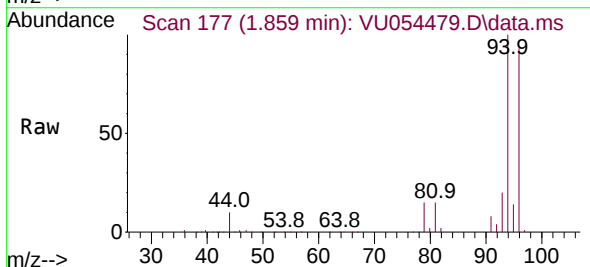
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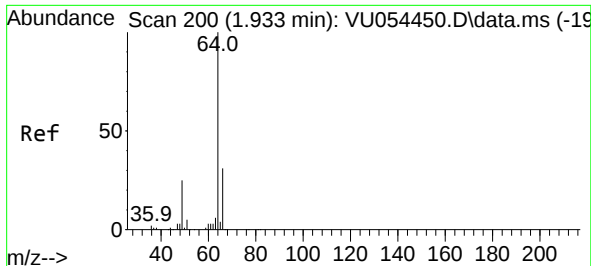
Tgt Ion: 94 Resp: 98525

Ion Ratio Lower Upper

94 100

96 93.1 63.6 118.2

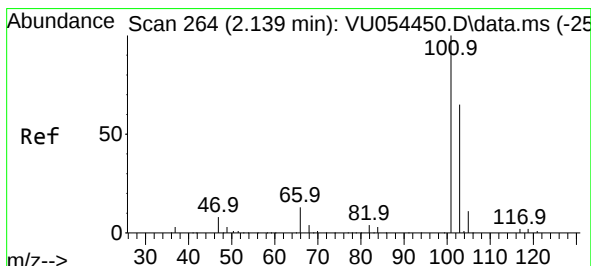
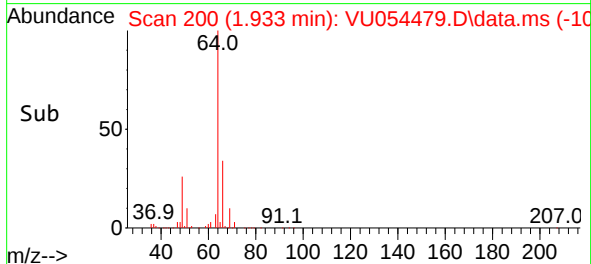
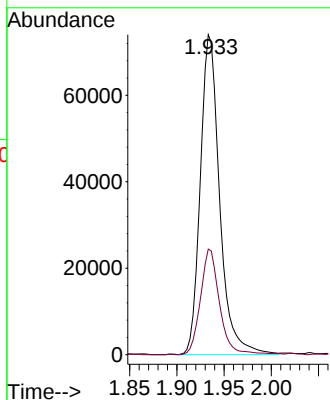
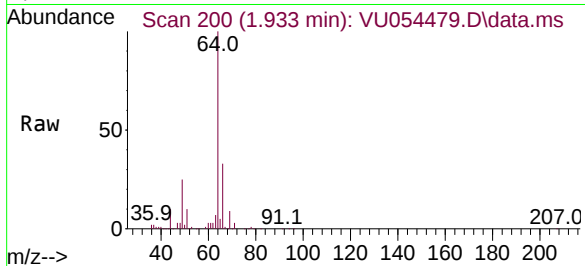




#8
Chloroethane
Concen: 5.359 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

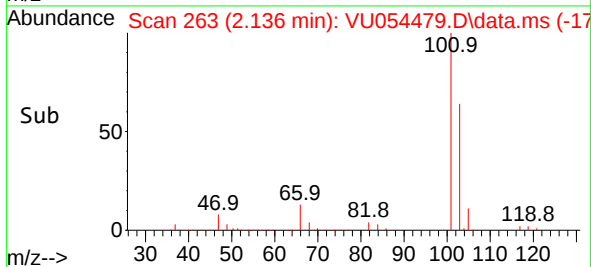
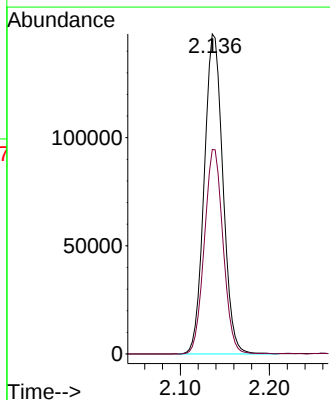
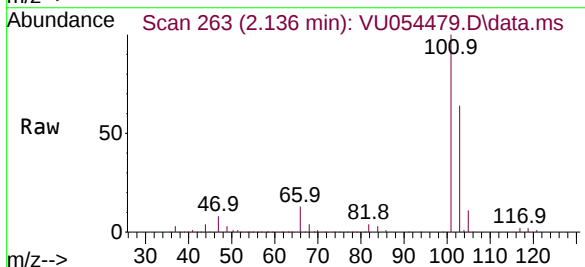
Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

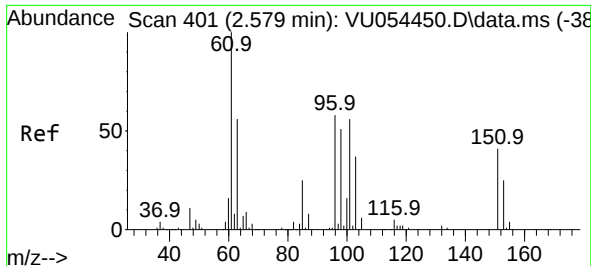
Tgt Ion: 64 Resp: 105545
Ion Ratio Lower Upper
64 100
66 33.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.338 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Tgt Ion:101 Resp: 215626
Ion Ratio Lower Upper
101 100
103 64.0 50.6 75.8

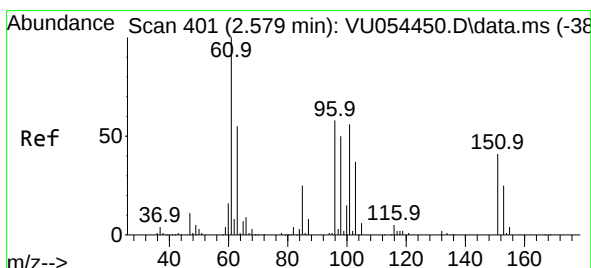
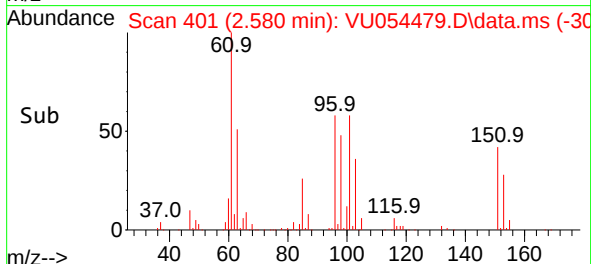
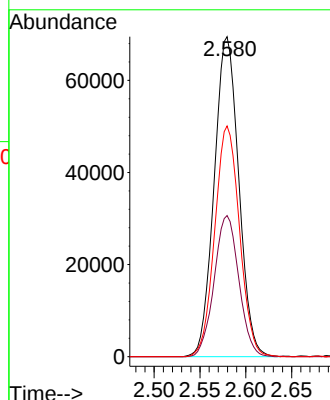
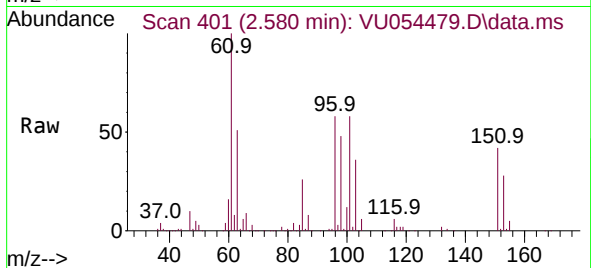




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.481 ug/L
RT: 2.580 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

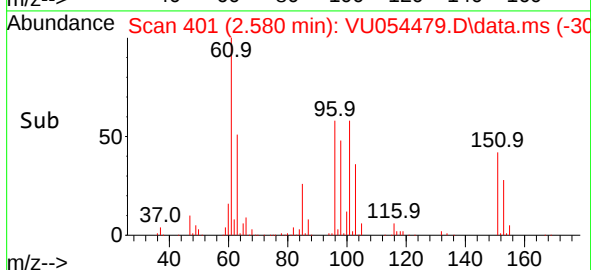
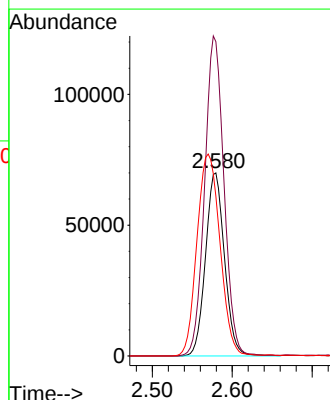
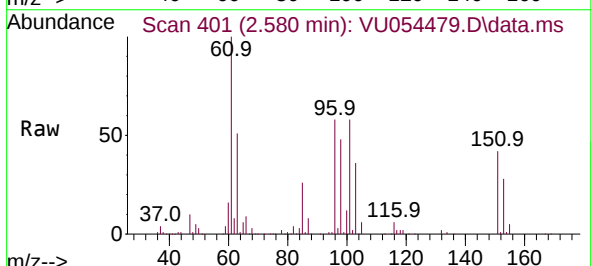
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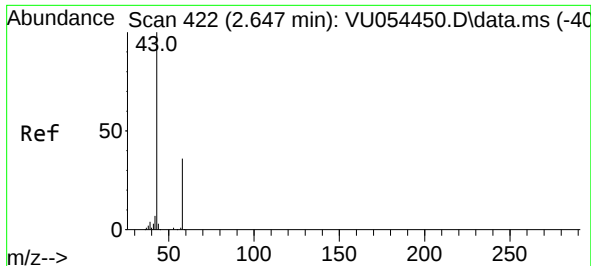
Tgt Ion:101 Resp: 129518
Ion Ratio Lower Upper
101 100
85 44.3 34.6 51.8
151 72.6 57.7 86.5



#12
1,1-Dichloroethene
Concen: 5.349 ug/L
RT: 2.580 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Tgt Ion: 96 Resp: 115714
Ion Ratio Lower Upper
96 100
61 171.6 119.9 222.7
63 87.2 64.3 119.3





#13

Acetone

Concen: 75.199 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU054479.D

Acq: 12 Jun 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

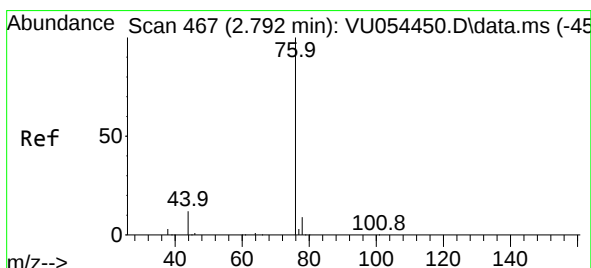
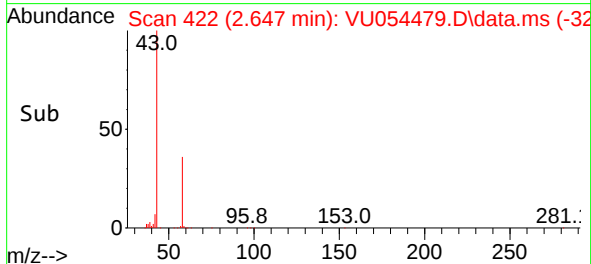
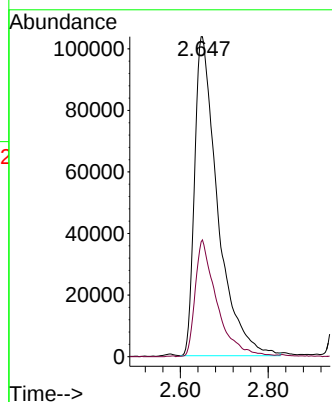
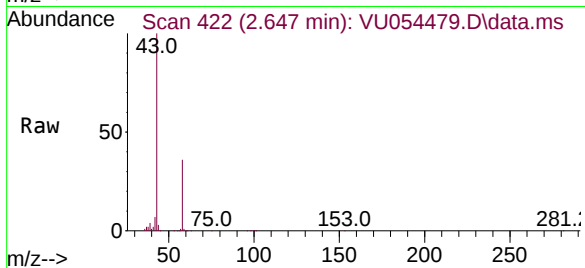
VSTD005179

Tgt Ion: 43 Resp: 378365

Ion Ratio Lower Upper

43 100

58 34.5 0.0 67.2



#14

Carbon disulfide

Concen: 5.288 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU054479.D

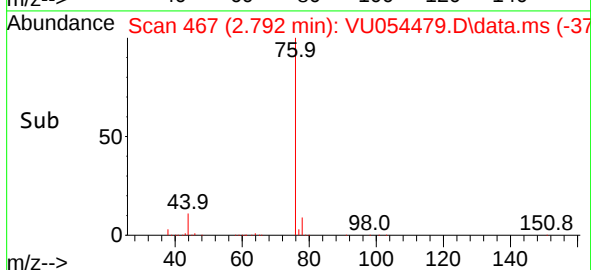
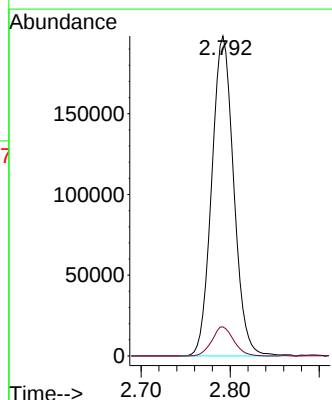
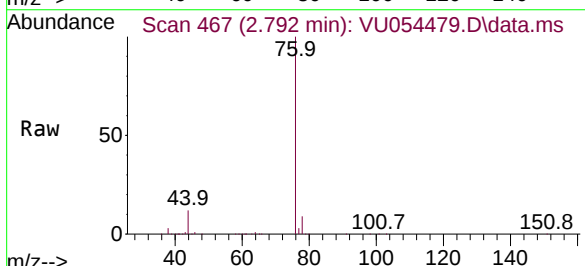
Acq: 12 Jun 2023 11:09

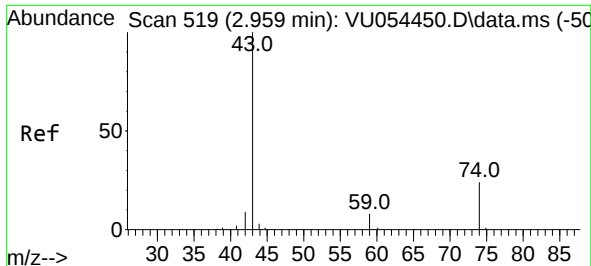
Tgt Ion: 76 Resp: 339209

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

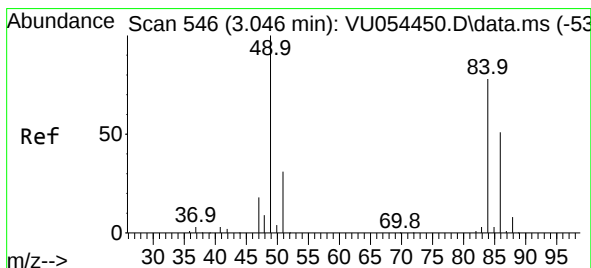
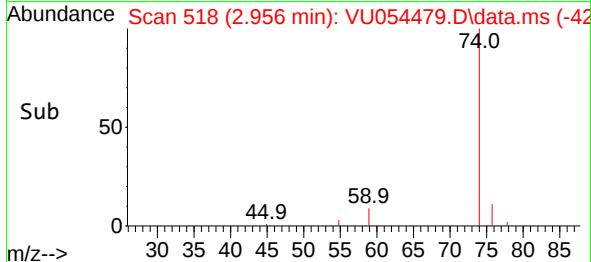
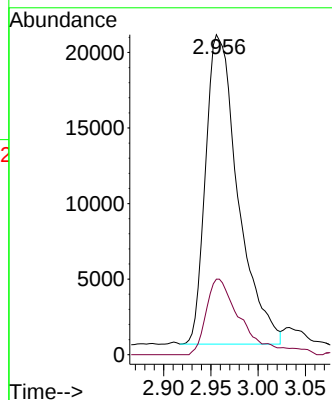
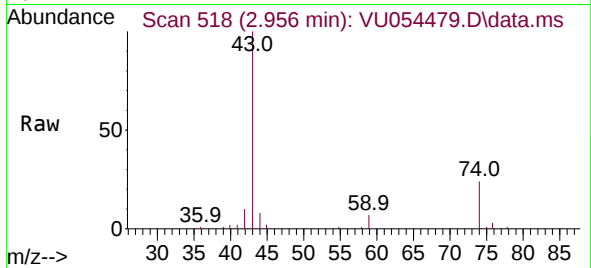




#15
Methyl Acetate
Concen: 5.241 ug/L
RT: 2.956 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

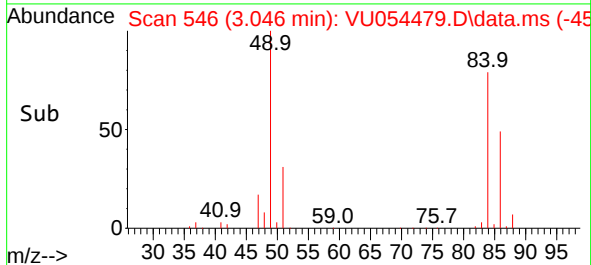
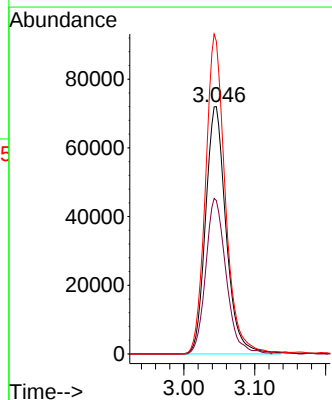
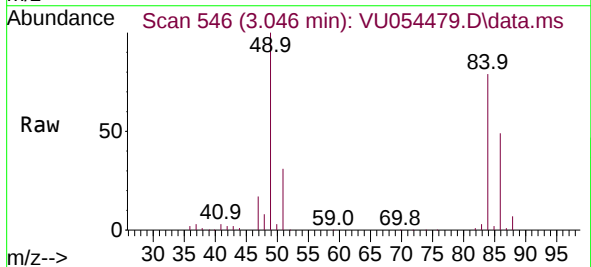
Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

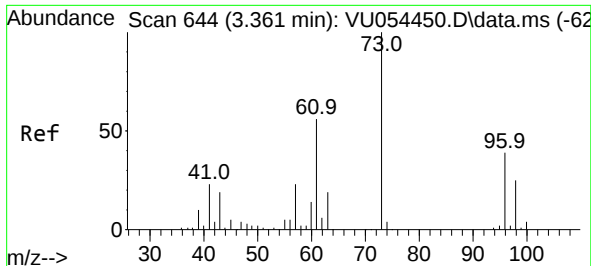
Tgt Ion: 43 Resp: 48866
Ion Ratio Lower Upper
43 100
74 26.9 19.0 28.6



#16
Methylene chloride
Concen: 4.748 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Tgt Ion: 84 Resp: 144411
Ion Ratio Lower Upper
84 100
86 62.0 43.9 81.5
49 126.4 86.1 159.9

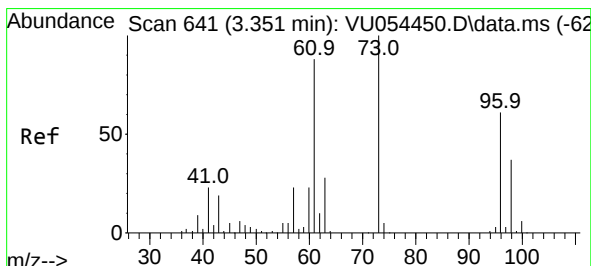
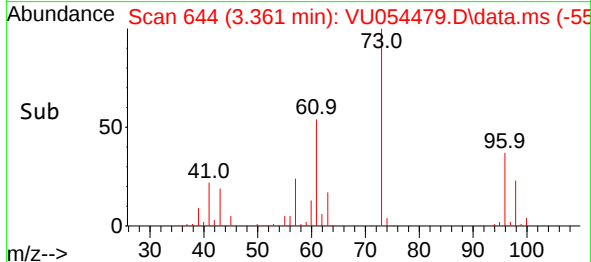
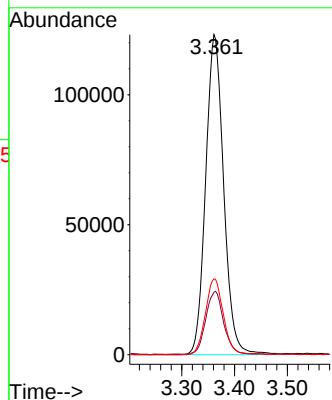
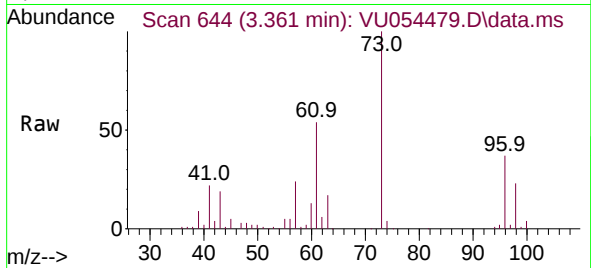




#17
Methyl tert-butyl Ether
Concen: 5.461 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

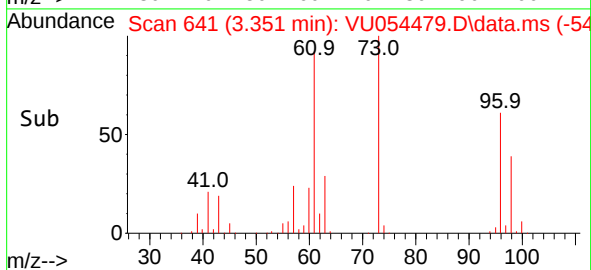
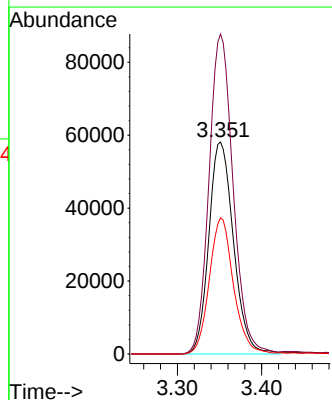
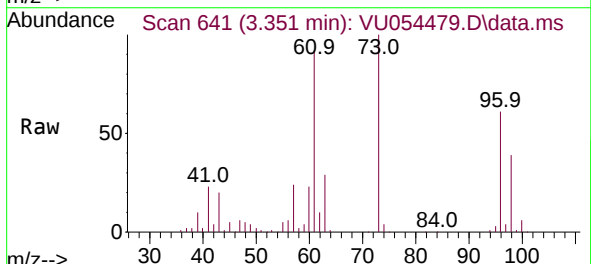
Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

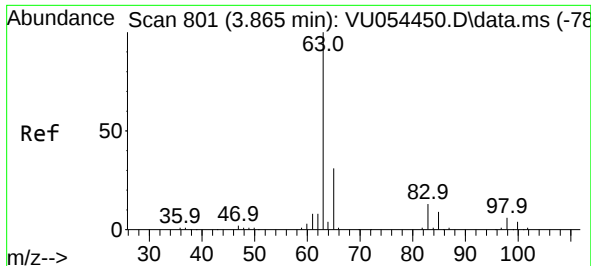
Tgt Ion: 73 Resp: 291592
Ion Ratio Lower Upper
73 100
43 19.4 15.7 23.5
57 23.5 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 5.298 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Tgt Ion: 96 Resp: 118334
Ion Ratio Lower Upper
96 100
61 150.9 104.6 194.2
98 64.2 45.4 84.4





#19

1,1-Dichloroethane

Concen: 5.368 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU054479.D

Acq: 12 Jun 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005179

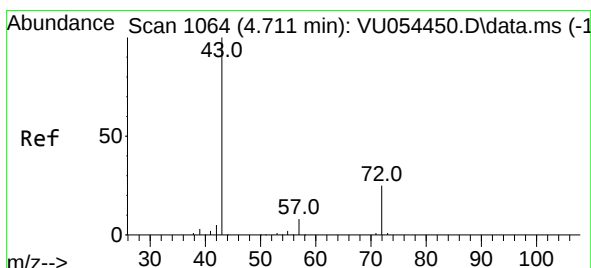
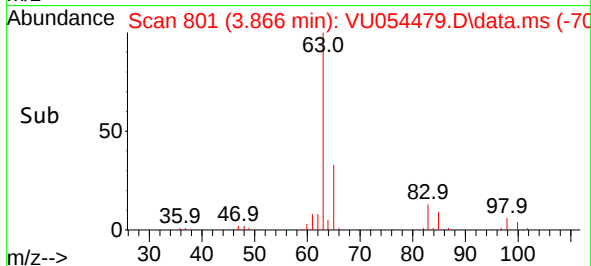
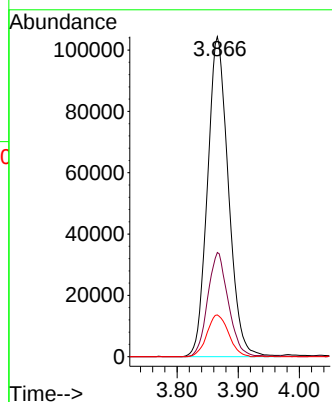
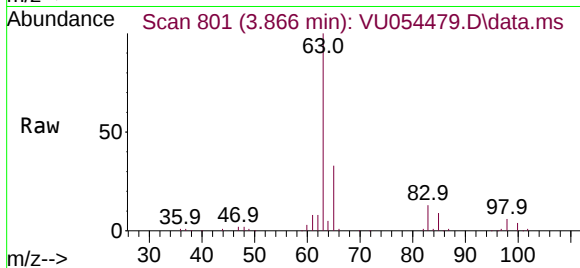
Tgt Ion: 63 Resp: 248102

Ion Ratio Lower Upper

63 100

65 32.6 22.2 41.2

83 13.0 9.0 16.6



#21

2-Butanone

Concen: 67.912 ug/L

RT: 4.715 min Scan# 1065

Delta R.T. 0.003 min

Lab File: VU054479.D

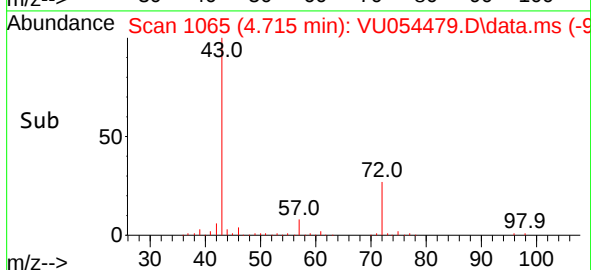
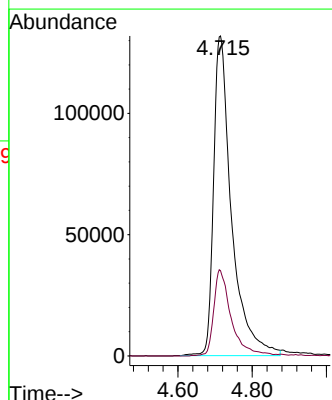
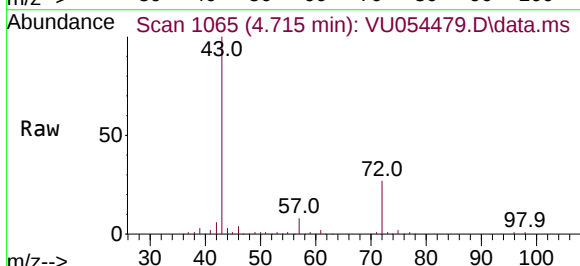
Acq: 12 Jun 2023 11:09

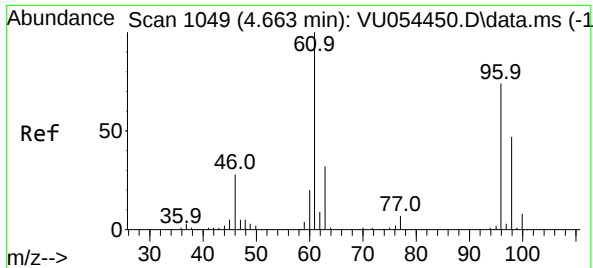
Tgt Ion: 43 Resp: 443466

Ion Ratio Lower Upper

43 100

72 26.2 13.4 40.1

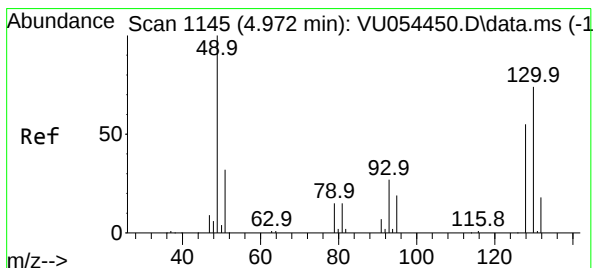
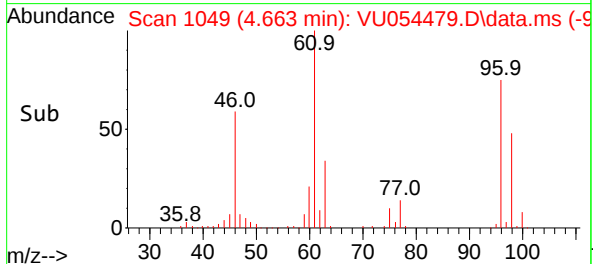
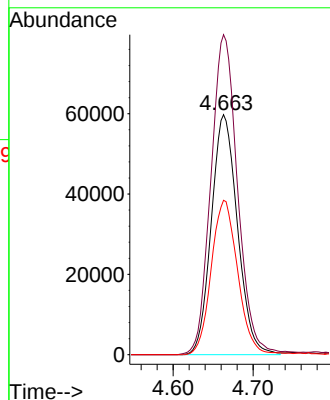
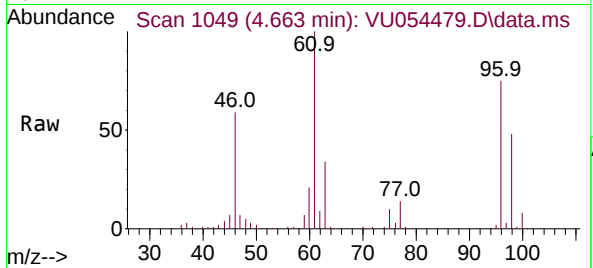




#22
 cis-1,2-Dichloroethene
 Concen: 5.338 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU054479.D
 Acq: 12 Jun 2023 11:09

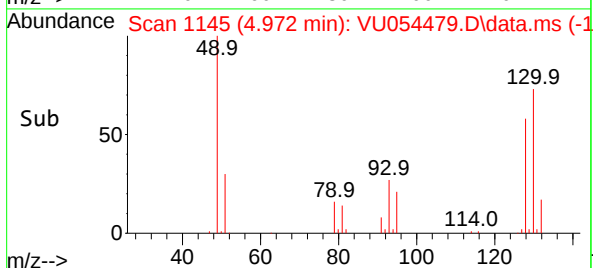
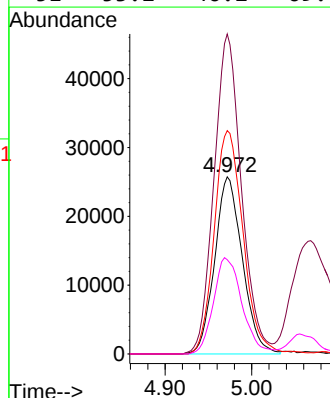
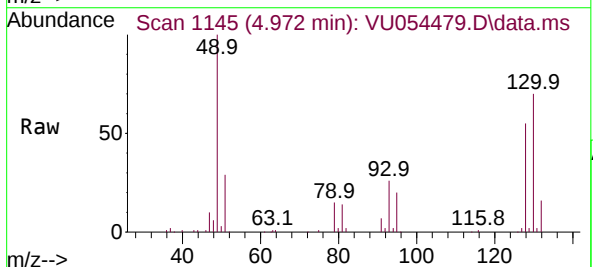
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005179

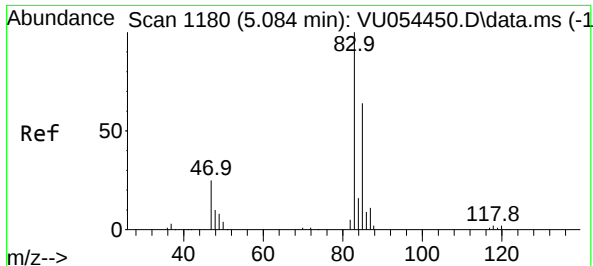
Tgt Ion: 96 Resp: 135753
 Ion Ratio Lower Upper
 96 100
 61 133.4 96.5 179.1
 98 64.4 44.9 83.3



#23
 Bromochloromethane
 Concen: 5.400 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU054479.D
 Acq: 12 Jun 2023 11:09

Tgt Ion:128 Resp: 57145
 Ion Ratio Lower Upper
 128 100
 49 180.7 132.1 245.3
 130 126.2 91.5 169.9
 51 53.2 46.2 69.4





#25

Chloroform

Concen: 5.440 ug/L

RT: 5.084 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054479.D

Acq: 12 Jun 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

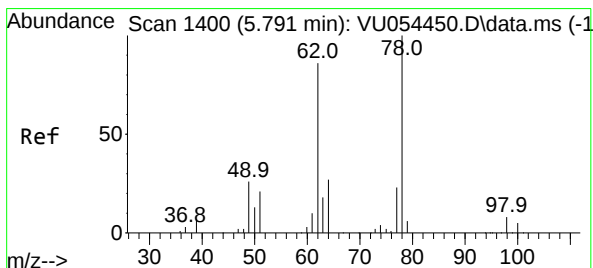
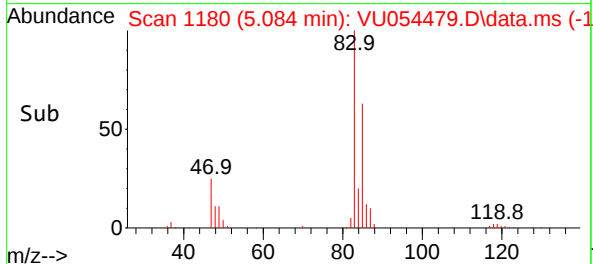
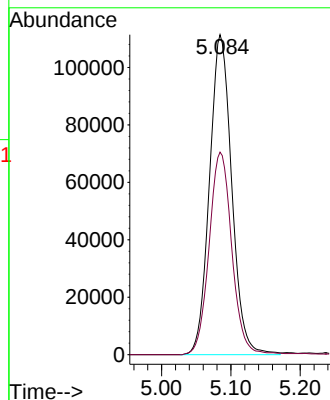
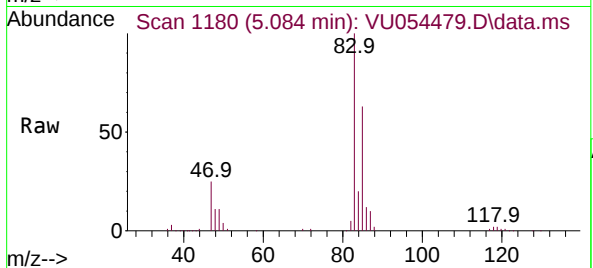
VSTD005179

Tgt Ion: 83 Resp: 247891

Ion Ratio Lower Upper

83 100

85 63.3 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.329 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU054479.D

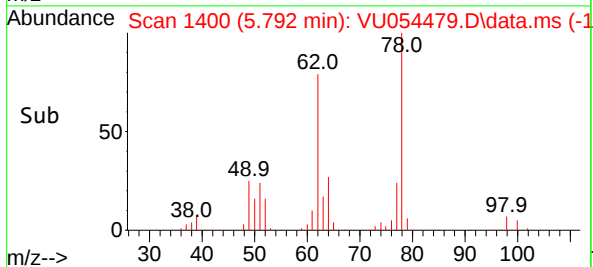
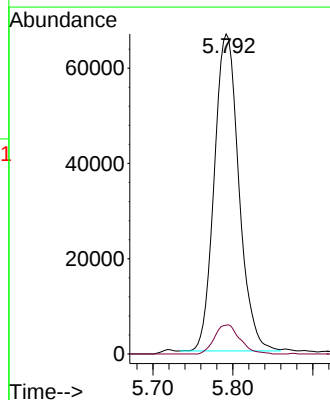
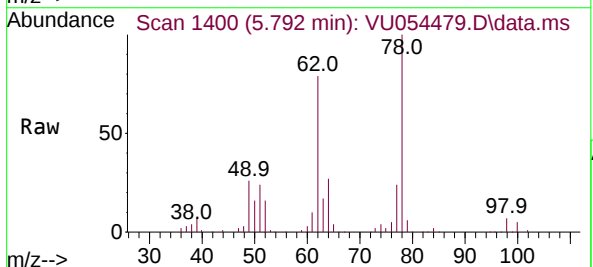
Acq: 12 Jun 2023 11:09

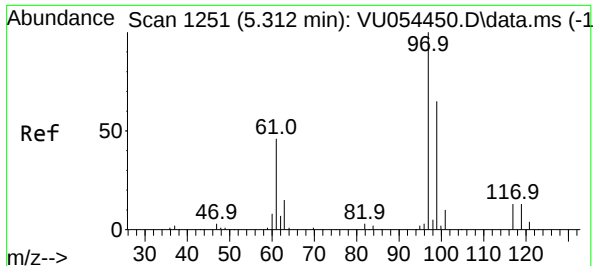
Tgt Ion: 62 Resp: 142321

Ion Ratio Lower Upper

62 100

98 9.0 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 5.250 ug/L

RT: 5.313 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054479.D

Acq: 12 Jun 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005179

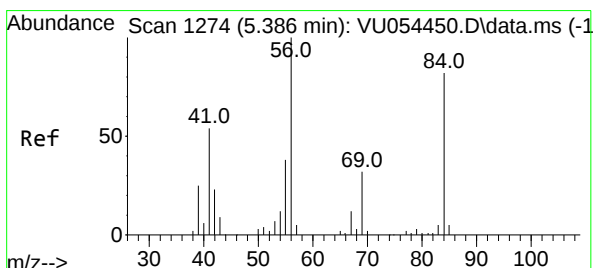
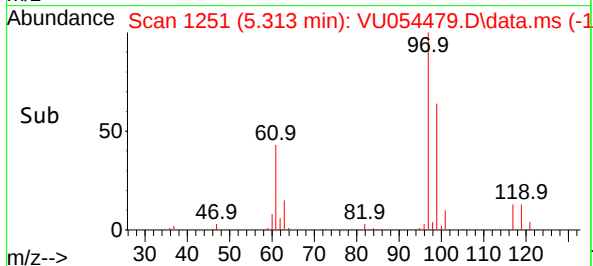
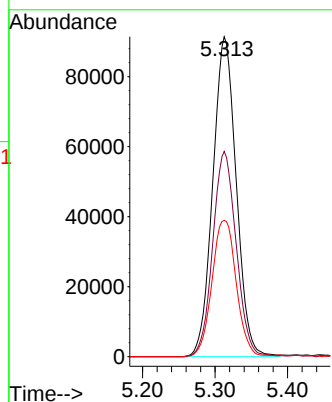
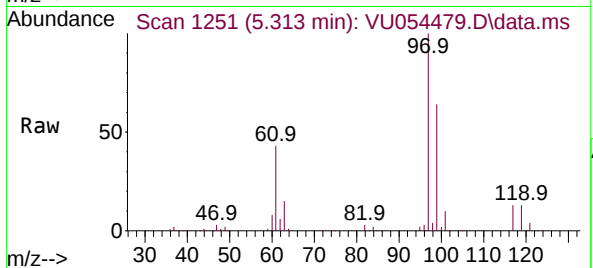
Tgt Ion: 97 Resp: 205213

Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

61 44.3 36.1 54.1



#30

Cyclohexane

Concen: 5.032 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VU054479.D

Acq: 12 Jun 2023 11:09

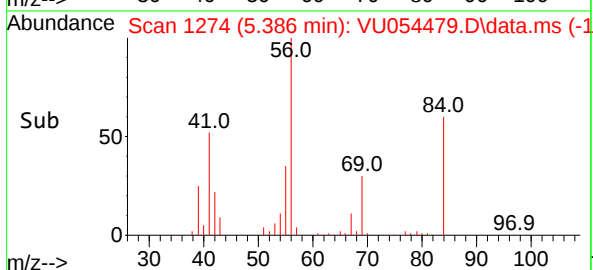
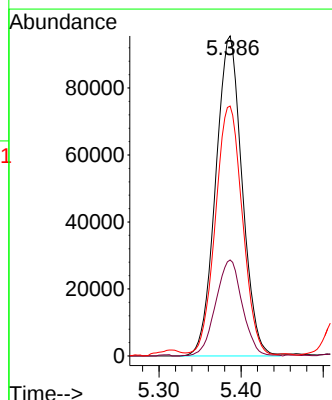
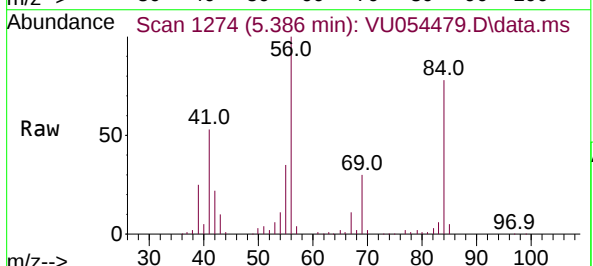
Tgt Ion: 56 Resp: 214256

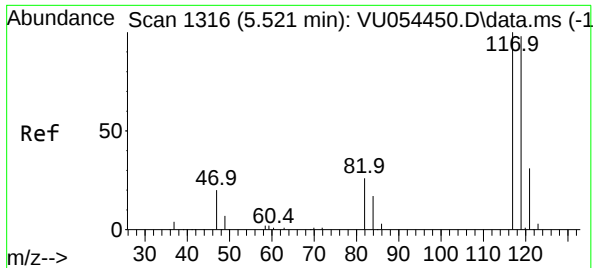
Ion Ratio Lower Upper

56 100

69 30.1 23.9 35.9

84 79.4 63.0 94.6

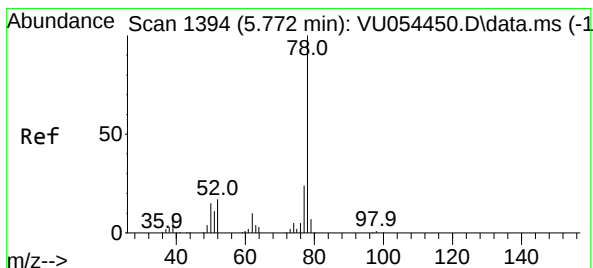
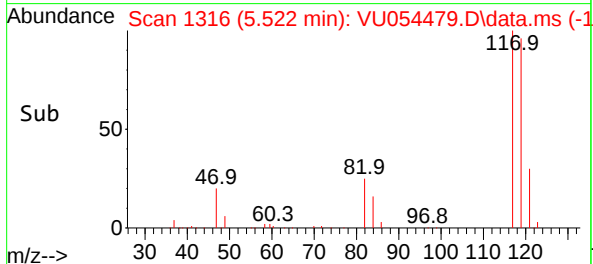
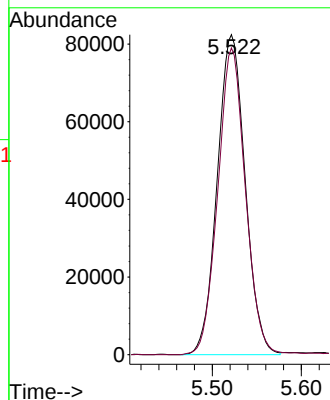
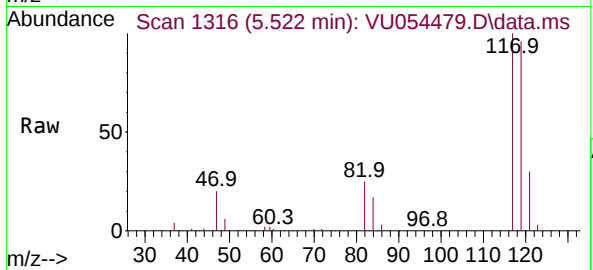




#31
Carbon tetrachloride
Concen: 5.318 ug/L
RT: 5.522 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

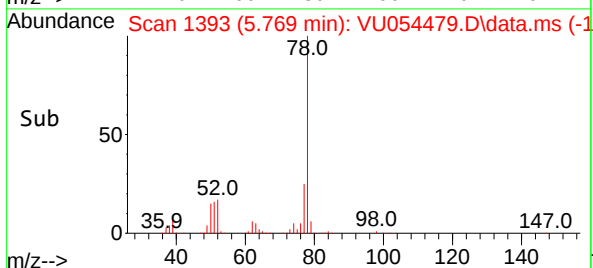
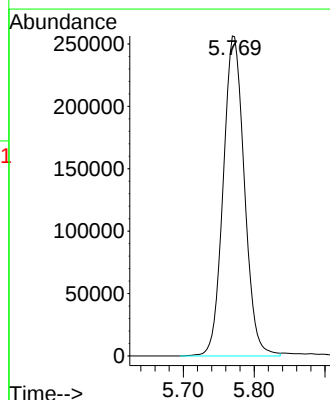
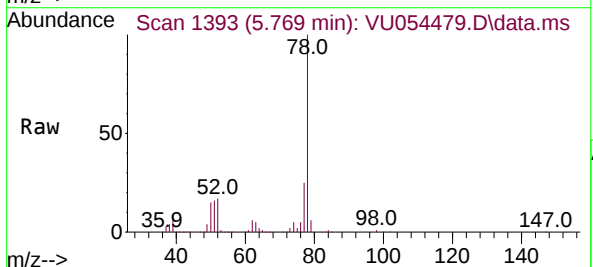
Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

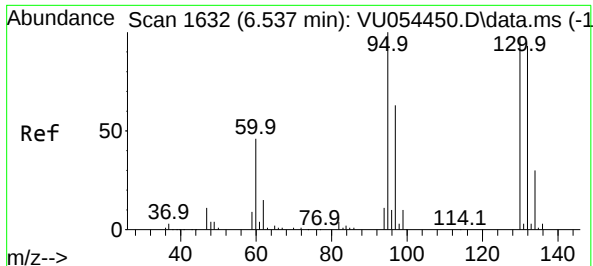
Tgt Ion:117 Resp: 179124
Ion Ratio Lower Upper
117 100
119 95.0 76.8 115.2



#33
Benzene
Concen: 5.143 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Tgt Ion: 78 Resp: 532814



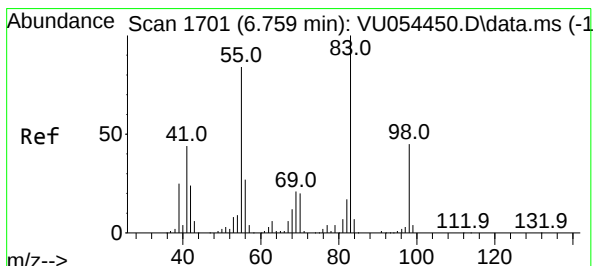
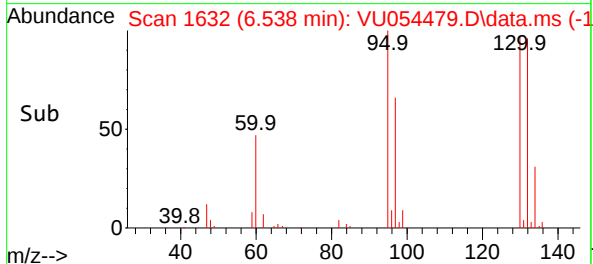
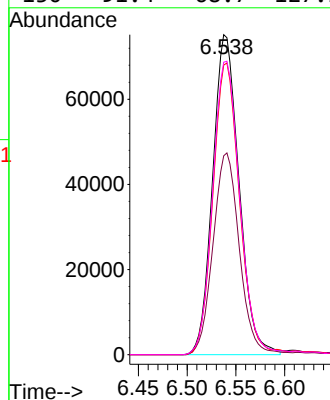
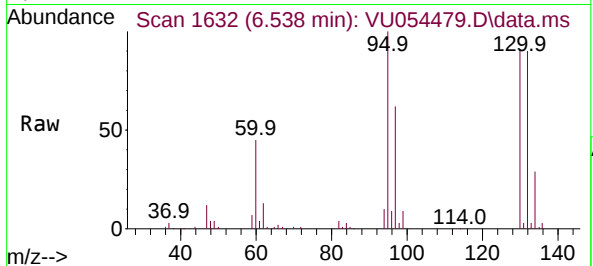


#34
Trichloroethene
Concen: 5.173 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

Tgt Ion: 95 Resp: 141731

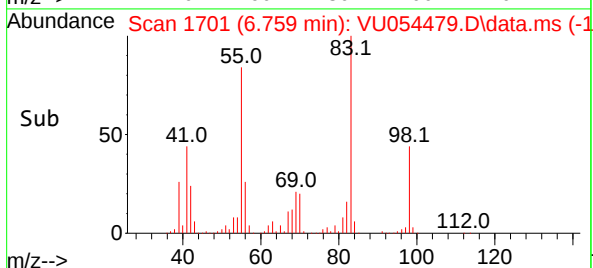
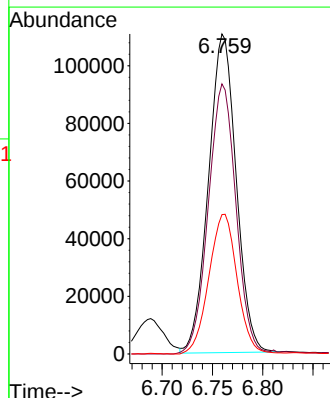
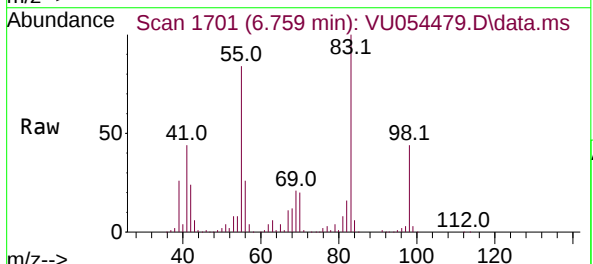
Ion	Ratio	Lower	Upper
95	100		
97	62.2	46.8	87.0
132	90.5	68.4	127.0
130	91.4	68.7	127.5

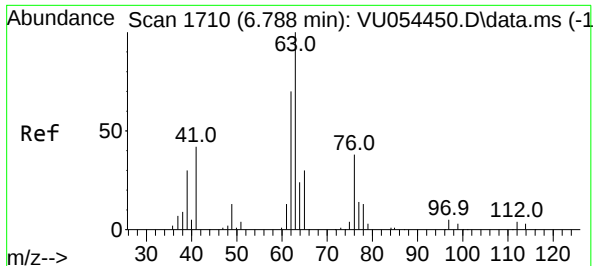


#35
Methylcyclohexane
Concen: 5.117 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Tgt Ion: 83 Resp: 211878

Ion	Ratio	Lower	Upper
83	100		
55	84.7	67.1	100.7
98	44.9	35.1	52.7

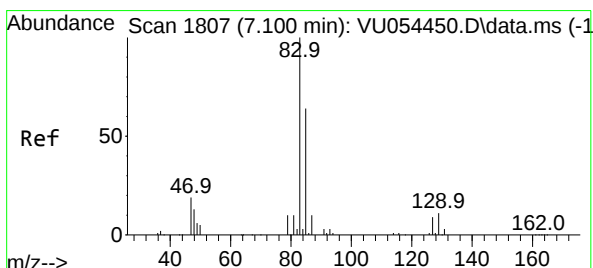
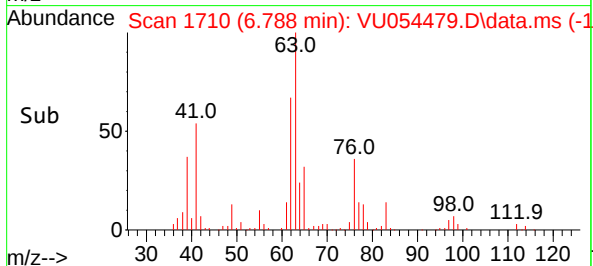
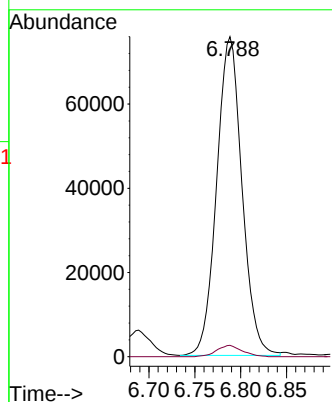
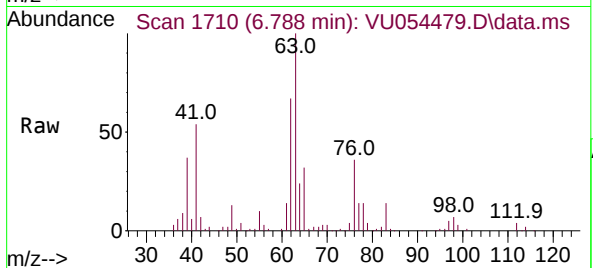




#37
1,2-Dichloropropane
Concen: 5.188 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

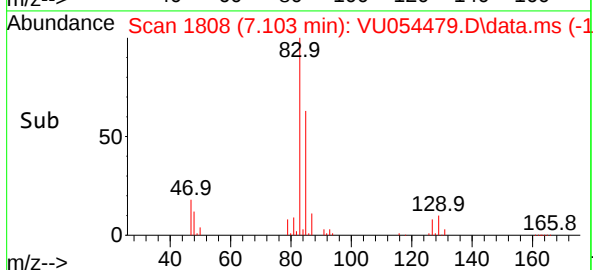
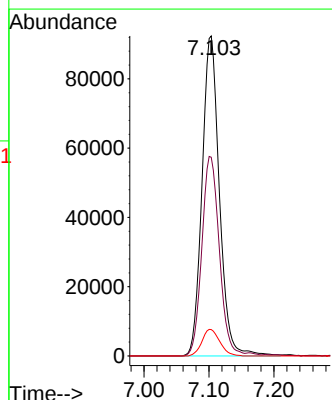
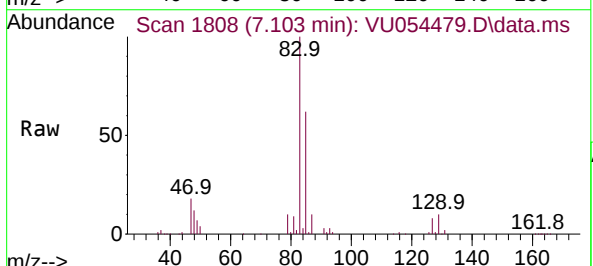
Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

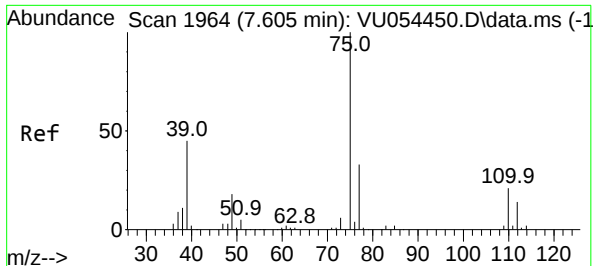
Tgt Ion: 63 Resp: 145329
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.6



#38
Bromodichloromethane
Concen: 5.426 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Tgt Ion: 83 Resp: 172046
Ion Ratio Lower Upper
83 100
85 62.1 44.1 81.9
127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.403 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU054479.D

Acq: 12 Jun 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

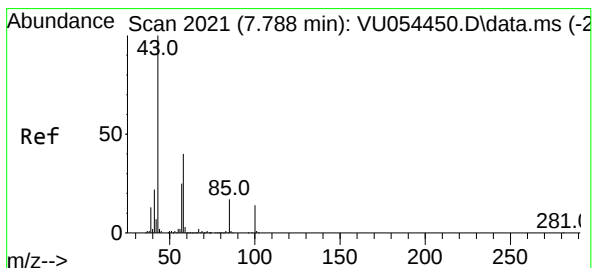
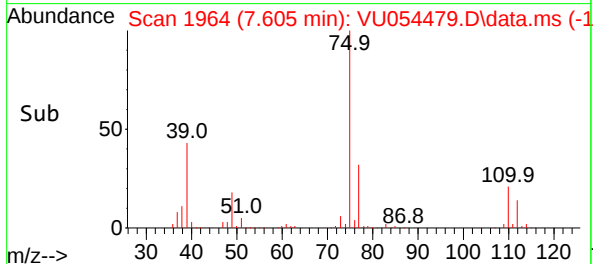
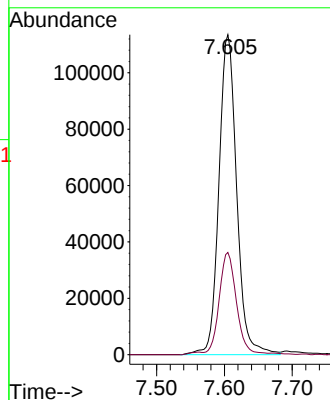
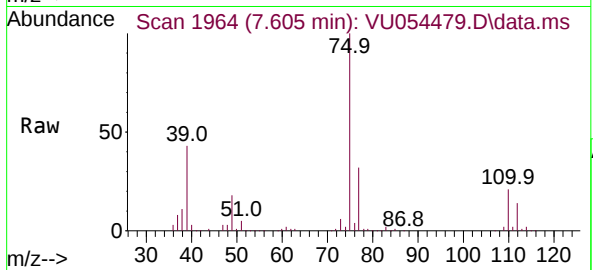
VSTD005179

Tgt Ion: 75 Resp: 206645

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 54.038 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU054479.D

Acq: 12 Jun 2023 11:09

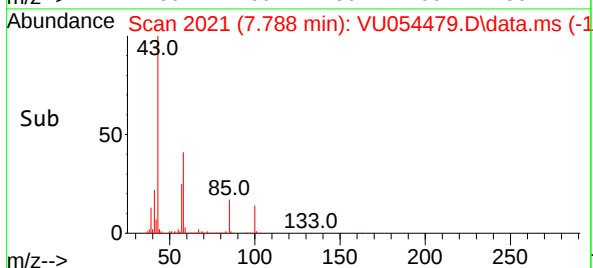
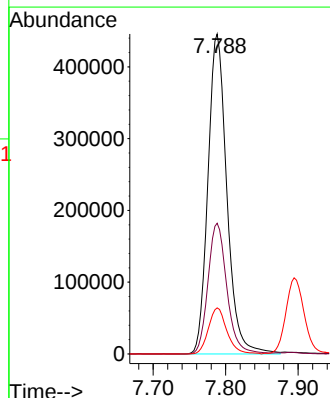
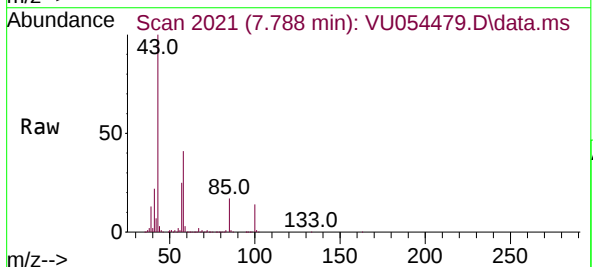
Tgt Ion: 43 Resp: 807800

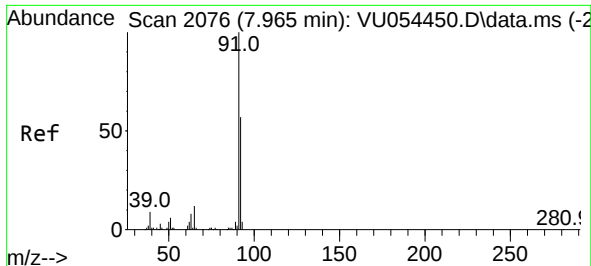
Ion Ratio Lower Upper

43 100

58 40.9 32.4 48.6

100 14.1 11.4 17.2





#42

Toluene

Concen: 5.337 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054479.D

Acq: 12 Jun 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

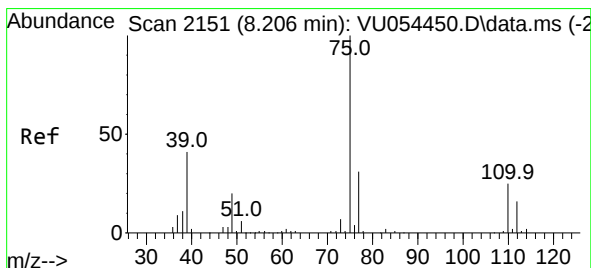
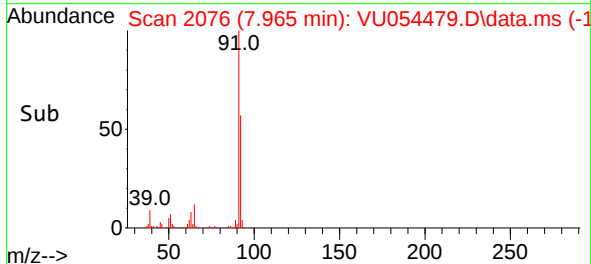
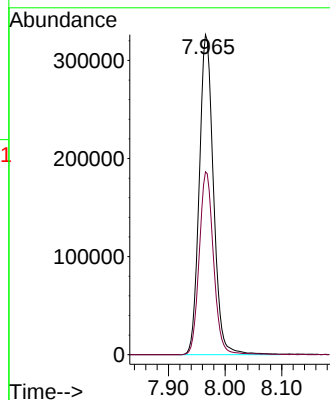
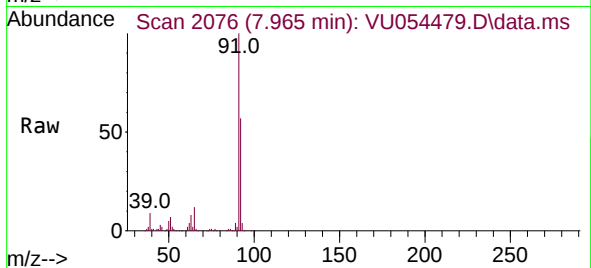
VSTD005179

Tgt Ion: 91 Resp: 569404

Ion Ratio Lower Upper

91 100

92 57.2 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.498 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054479.D

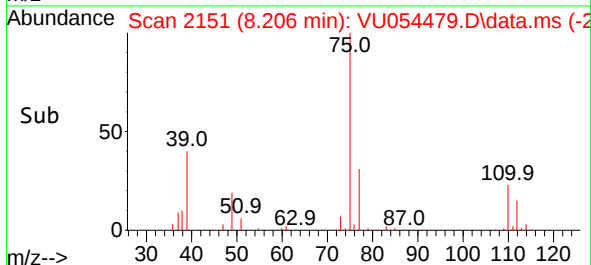
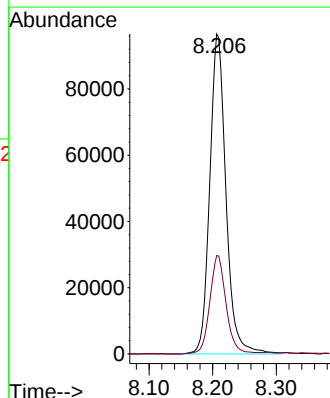
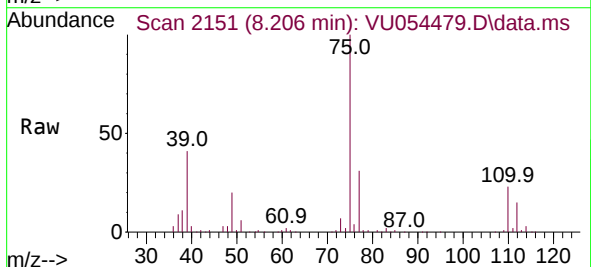
Acq: 12 Jun 2023 11:09

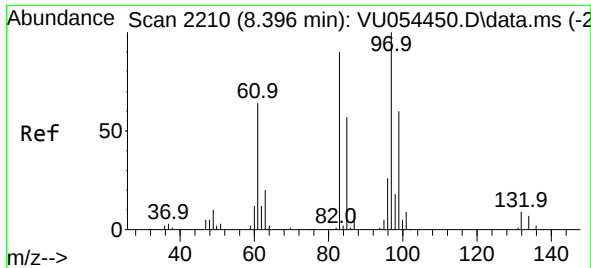
Tgt Ion: 75 Resp: 170643

Ion Ratio Lower Upper

75 100

77 30.7 21.3 39.6

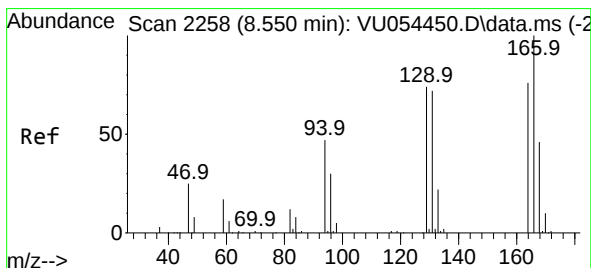
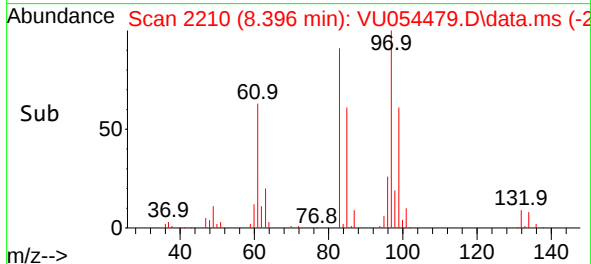
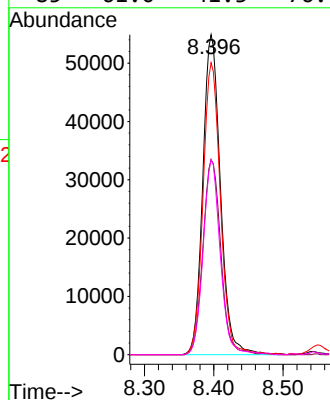
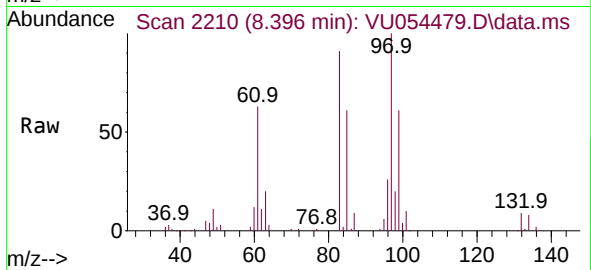




#45
1,1,2-Trichloroethane
Concen: 5.451 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

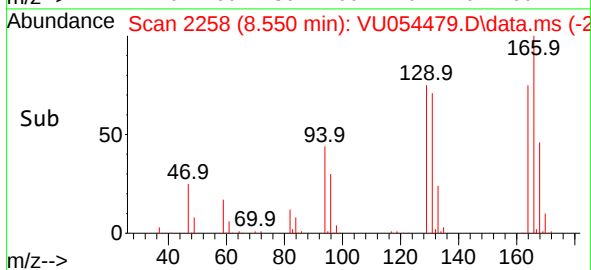
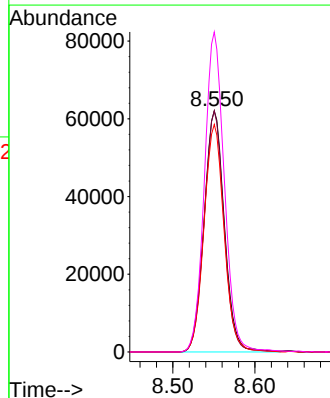
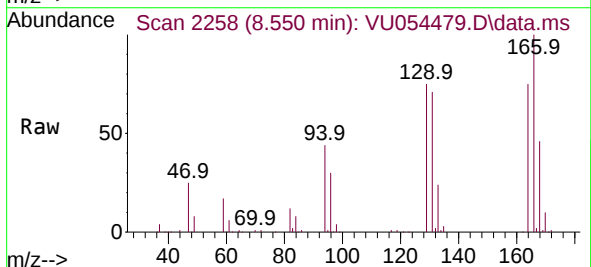
Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

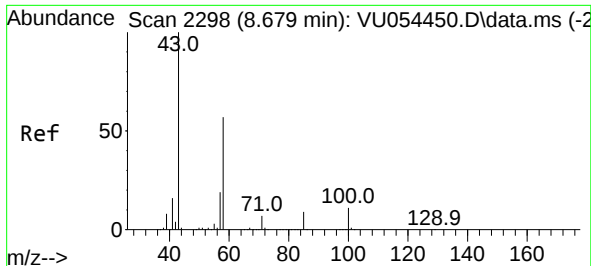
Tgt Ion: 97	Resp: 97130
Ion Ratio	Lower Upper
97 100	
99 60.9	43.0 80.0
83 91.3	63.8 118.6
85 61.0	41.3 76.7



#47
Tetrachloroethene
Concen: 5.073 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Tgt	Ion:164	Resp:	106389
Ion	Ratio	Lower	Upper
164	100		
129	100.0	67.7	125.7
131	94.4	64.6	120.0
166	132.7	88.1	163.7

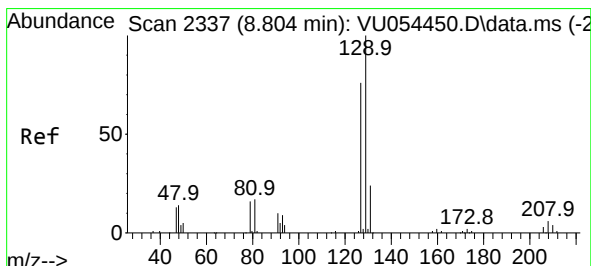
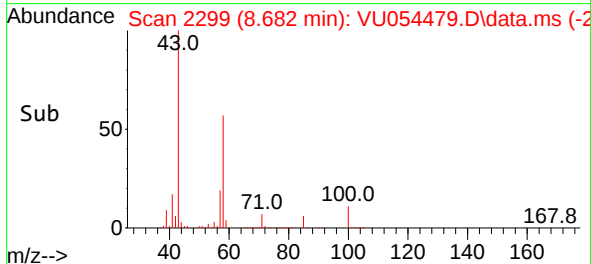
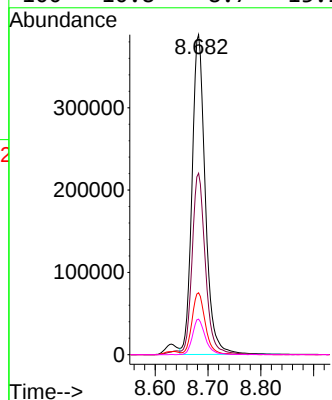
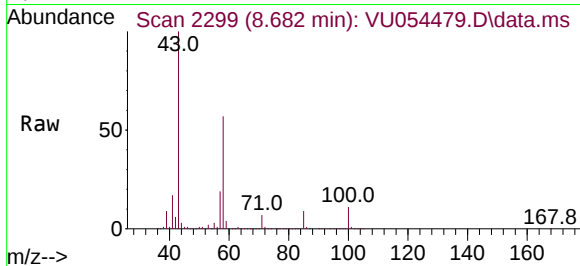




#48
2-Hexanone
Concen: 60.871 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

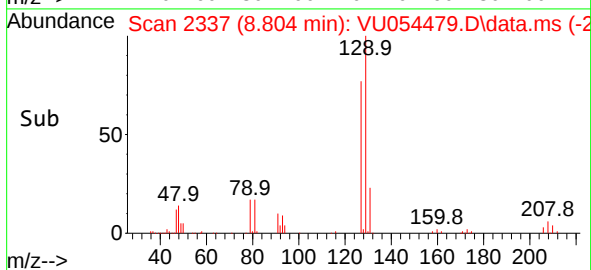
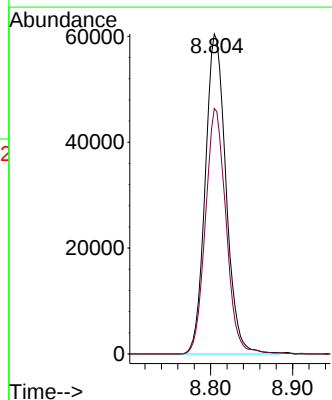
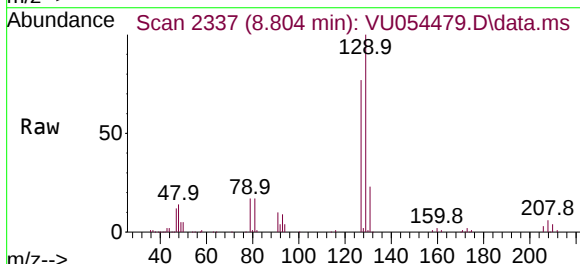
Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

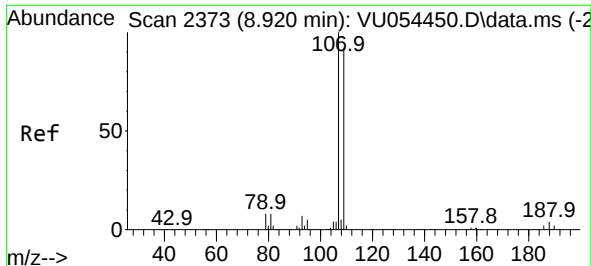
Tgt Ion: 43 Resp: 678007
Ion Ratio Lower Upper
43 100
58 56.2 45.2 67.8
57 19.6 15.8 23.6
100 10.8 8.7 13.1



#49
Dibromochloromethane
Concen: 5.663 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Tgt Ion: 129 Resp: 105967
Ion Ratio Lower Upper
129 100
127 76.7 53.2 98.8





#50

1,2-Dibromoethane

Concen: 5.399 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054479.D

Acq: 12 Jun 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005179

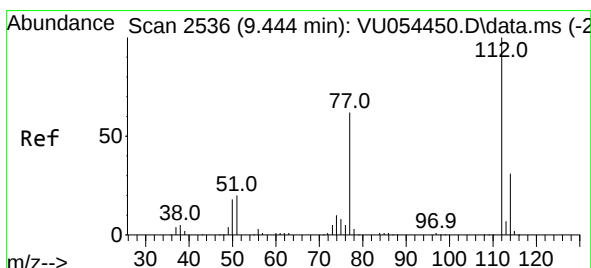
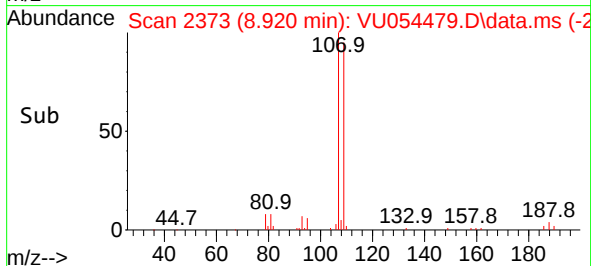
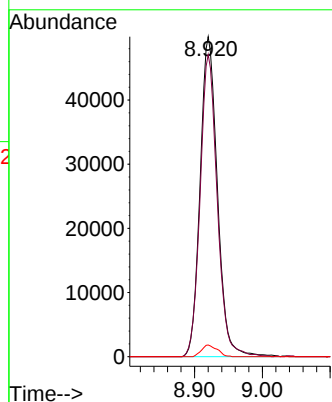
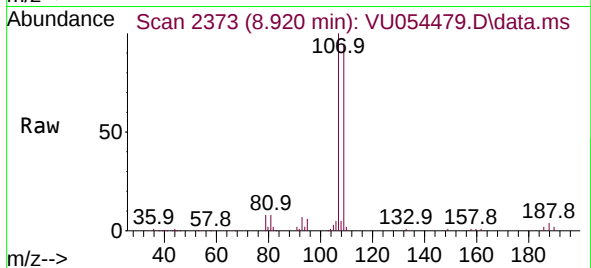
Tgt Ion:107 Resp: 88336

Ion Ratio Lower Upper

107 100

109 94.4 66.6 123.6

188 3.7 3.1 4.7



#51

Chlorobenzene

Concen: 5.342 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU054479.D

Acq: 12 Jun 2023 11:09

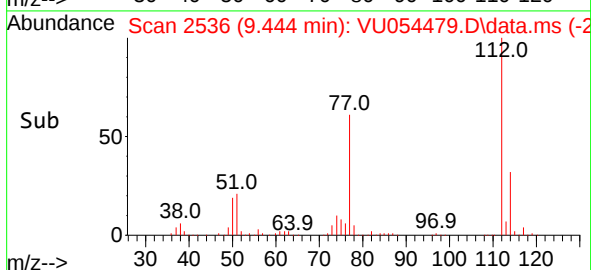
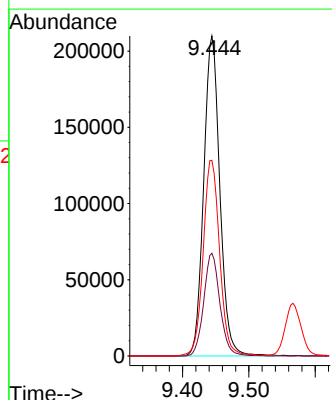
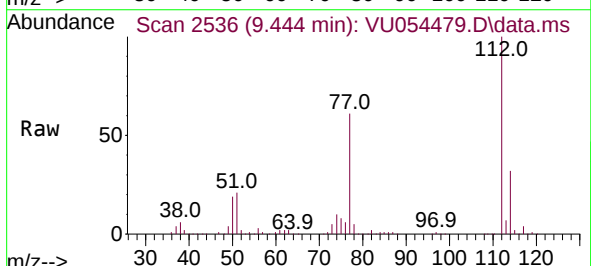
Tgt Ion:112 Resp: 355295

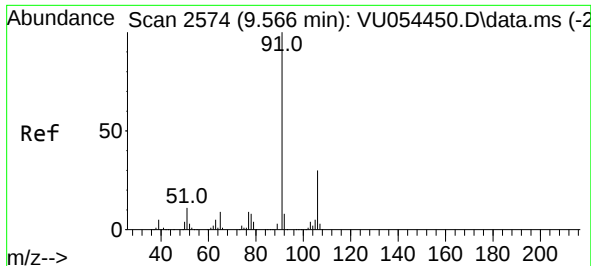
Ion Ratio Lower Upper

112 100

114 32.1 22.7 42.1

77 61.2 49.8 74.8

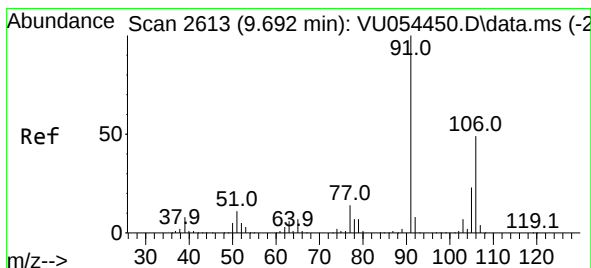
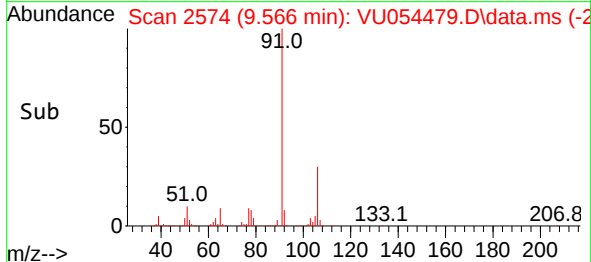
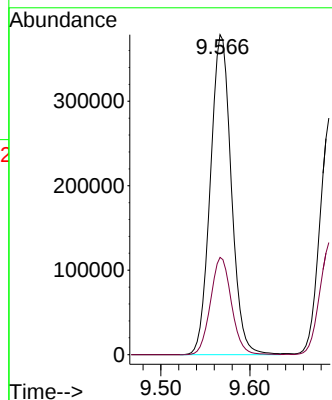
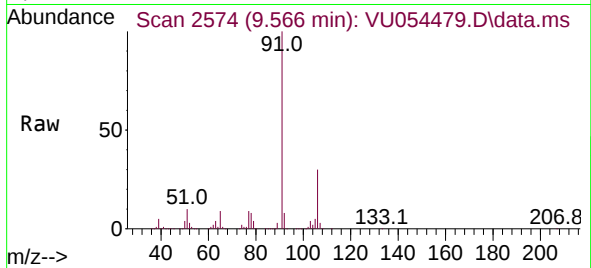




#52
Ethylbenzene
Concen: 5.298 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

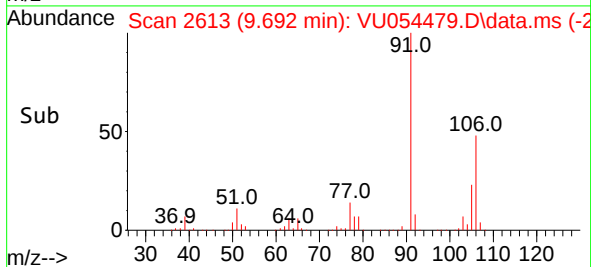
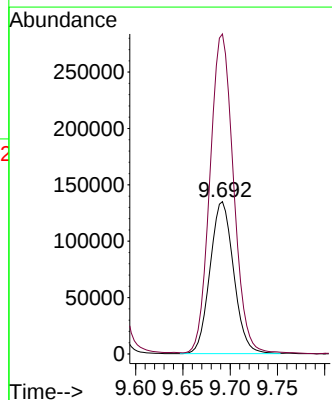
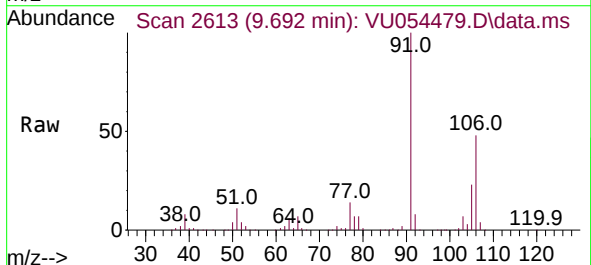
Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

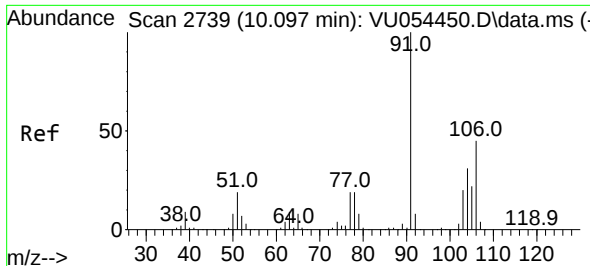
Tgt Ion: 91 Resp: 617332
Ion Ratio Lower Upper
91 100
106 30.4 21.1 39.3



#53
m,p-Xylene
Concen: 5.478 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Tgt Ion: 106 Resp: 234466
Ion Ratio Lower Upper
106 100
91 210.1 147.0 273.0

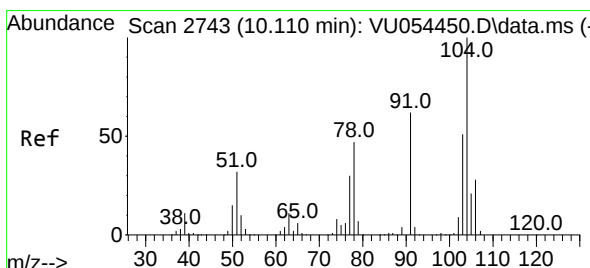
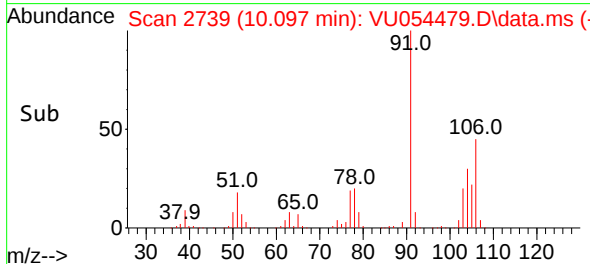
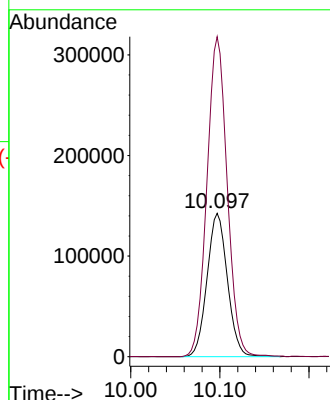
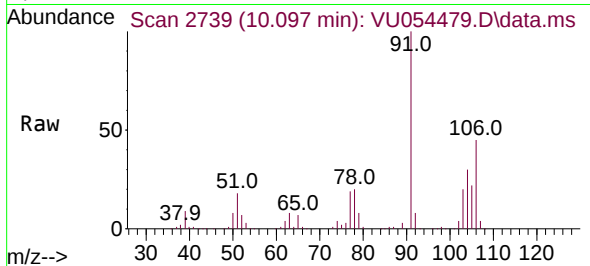




#54
o-Xylene
Concen: 5.463 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

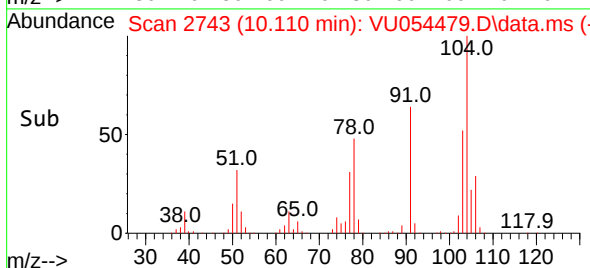
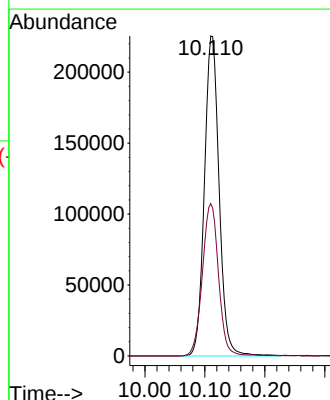
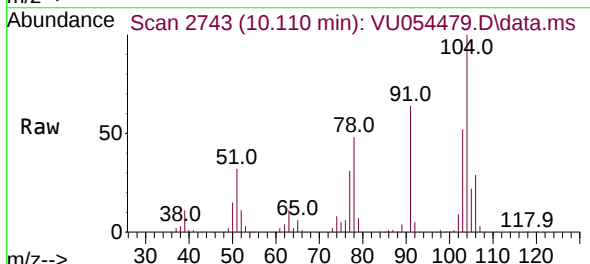
Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

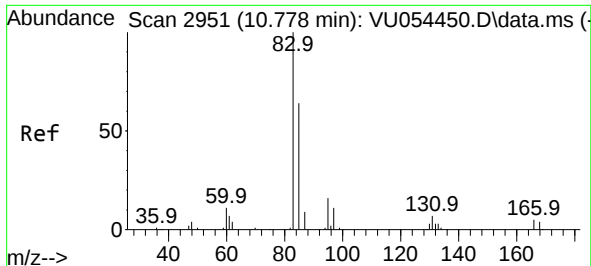
Tgt Ion:106 Resp: 226120
Ion Ratio Lower Upper
106 100
91 223.2 154.5 286.9



#55
Styrene
Concen: 5.557 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Tgt Ion:104 Resp: 386108
Ion Ratio Lower Upper
104 100
78 47.6 33.0 61.4

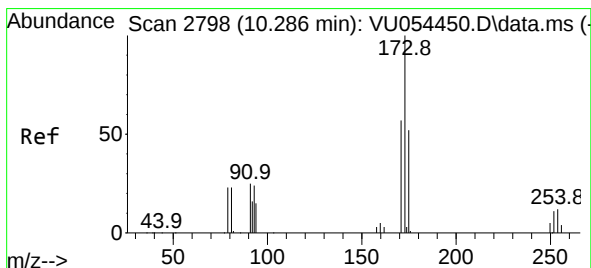
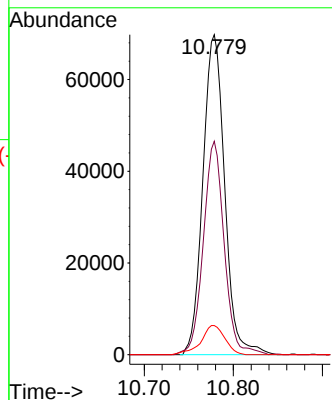
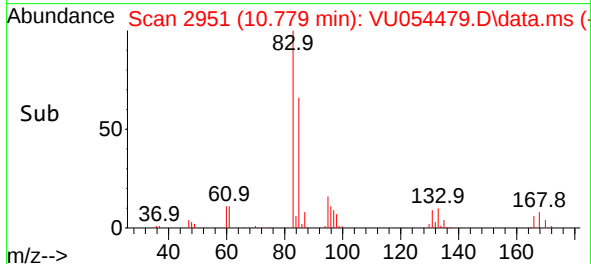
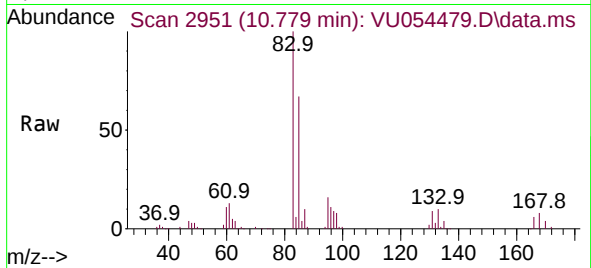




#57
1,1,2,2-Tetrachloroethane
Concen: 5.234 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

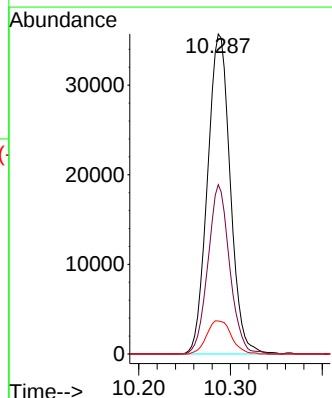
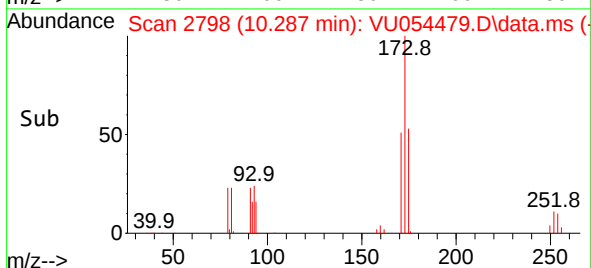
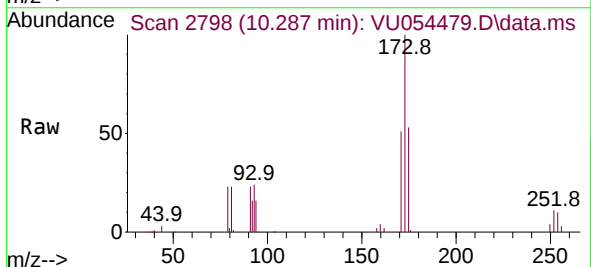
Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

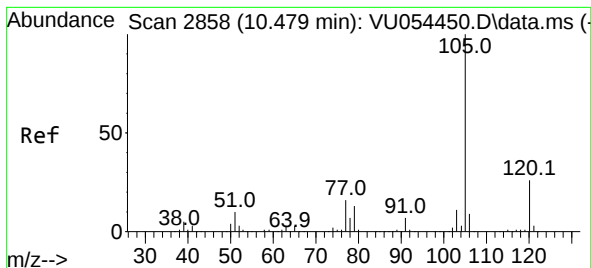
Tgt Ion: 83 Resp: 118472
Ion Ratio Lower Upper
83 100
85 66.7 44.2 82.2
131 9.1 7.0 10.6



#59
Bromoform
Concen: 5.515 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Tgt Ion: 173 Resp: 61501
Ion Ratio Lower Upper
173 100
175 50.5 39.4 59.0
254 11.3 8.6 12.8





#60

Isopropylbenzene

Concen: 5.435 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU054479.D

Acq: 12 Jun 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005179

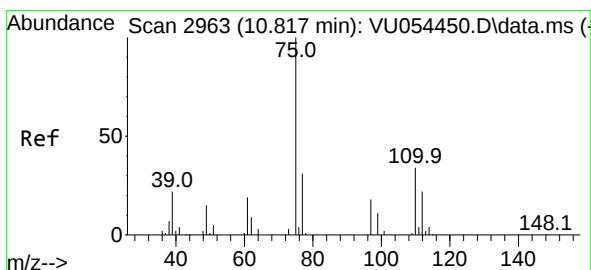
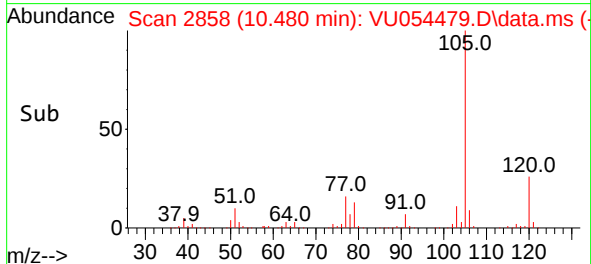
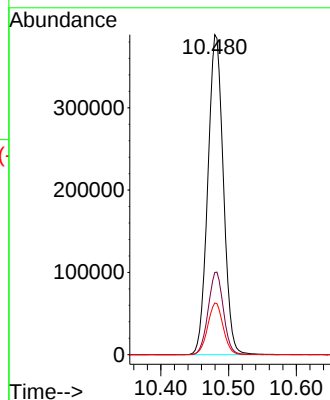
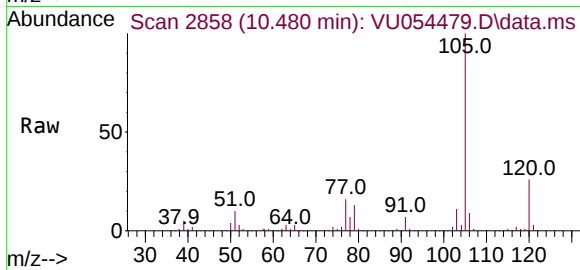
Tgt Ion:105 Resp: 617620

Ion Ratio Lower Upper

105 100

120 25.5 20.9 31.3

77 16.2 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.307 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU054479.D

Acq: 12 Jun 2023 11:09

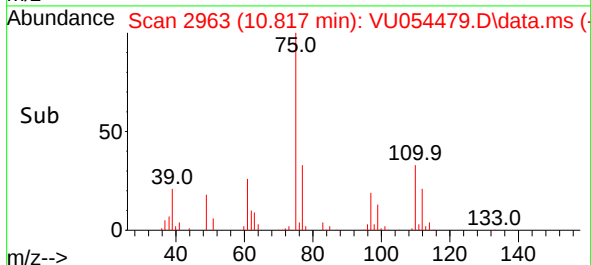
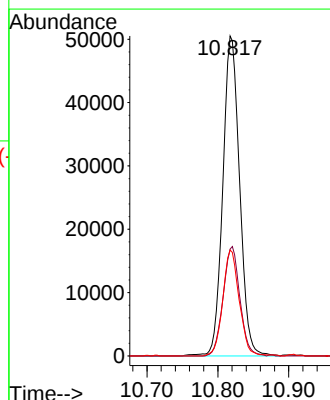
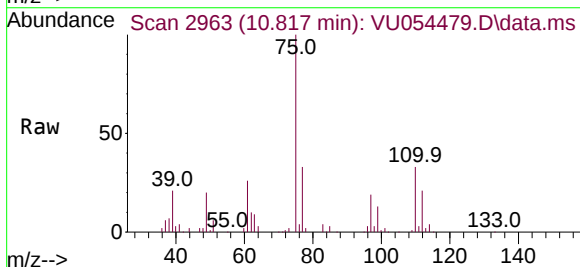
Tgt Ion: 75 Resp: 83307

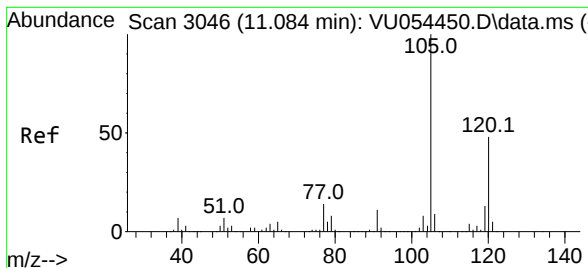
Ion Ratio Lower Upper

75 100

110 34.1 28.0 42.0

77 32.5 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.398 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU054479.D

Acq: 12 Jun 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

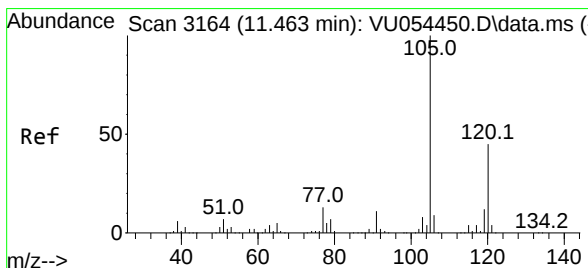
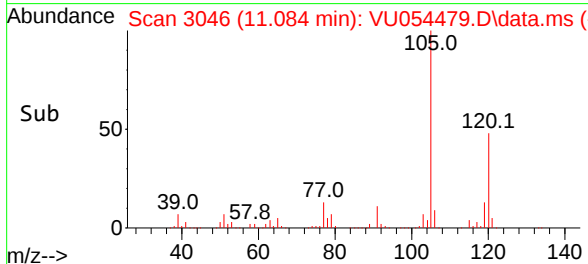
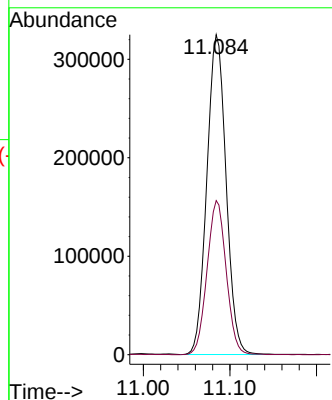
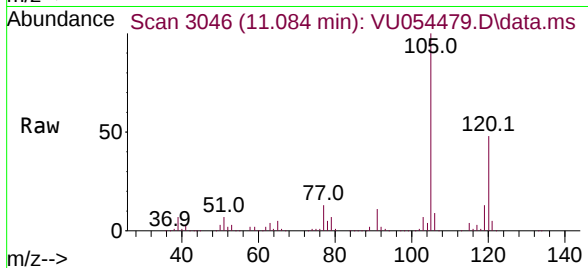
VSTD005179

Tgt Ion:105 Resp: 500450

Ion Ratio Lower Upper

105 100

120 48.0 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 5.424 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU054479.D

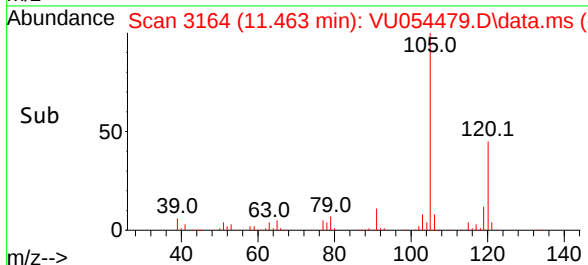
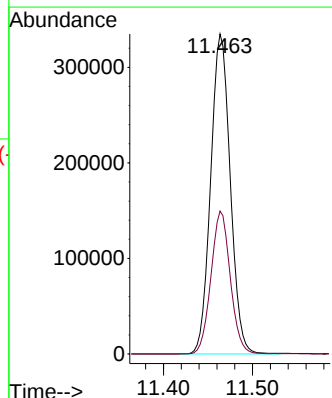
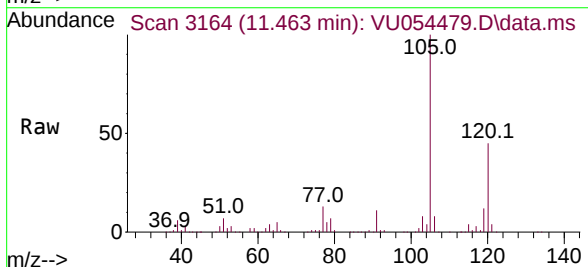
Acq: 12 Jun 2023 11:09

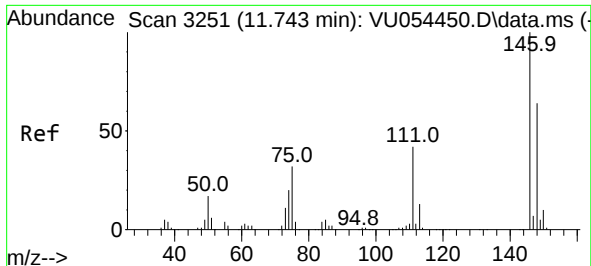
Tgt Ion:105 Resp: 510757

Ion Ratio Lower Upper

105 100

120 44.1 35.4 53.0

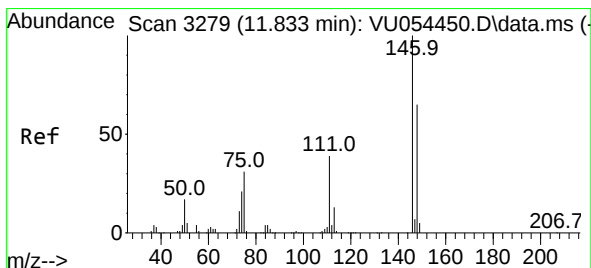
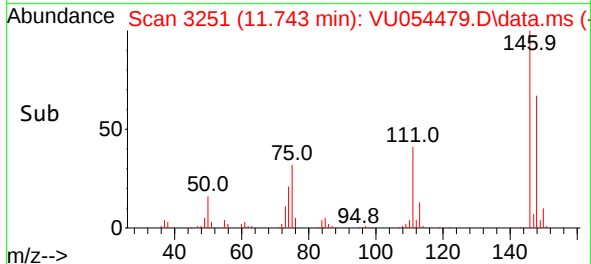
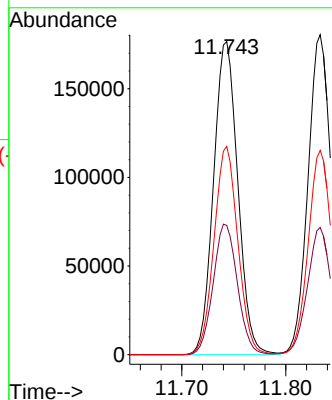
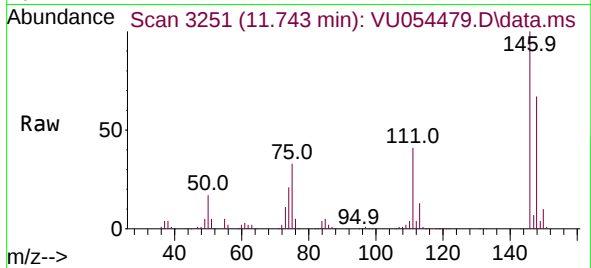




#64
1,3-Dichlorobenzene
Concen: 5.402 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

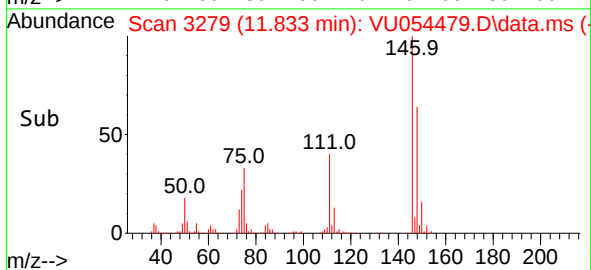
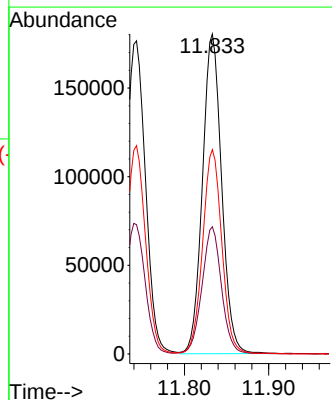
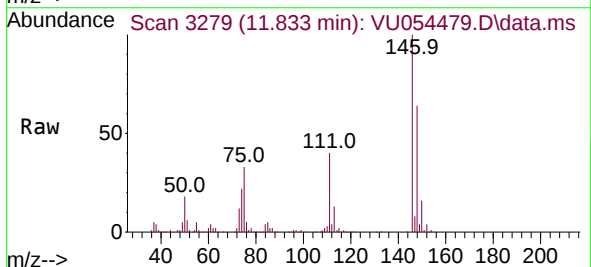
Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

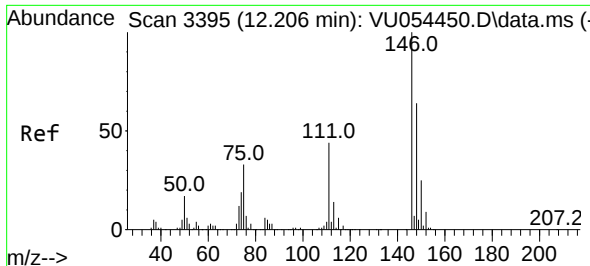
Tgt Ion:146 Resp: 286941
Ion Ratio Lower Upper
146 100
111 41.3 28.9 53.7
148 66.5 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.363 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Tgt Ion:146 Resp: 285910
Ion Ratio Lower Upper
146 100
111 39.8 28.0 52.0
148 63.9 44.7 83.1

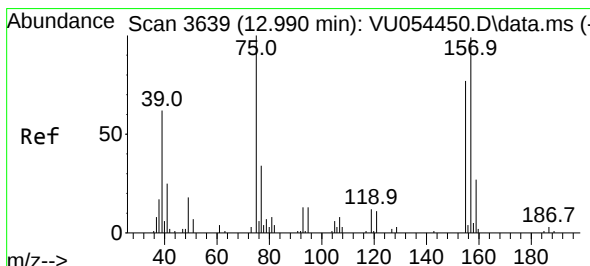
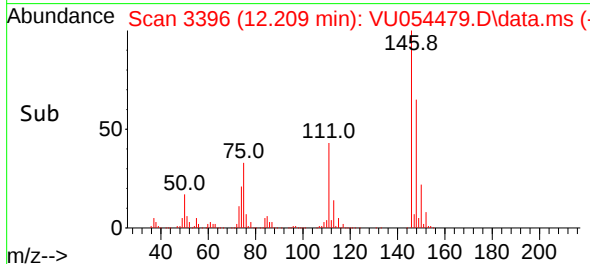
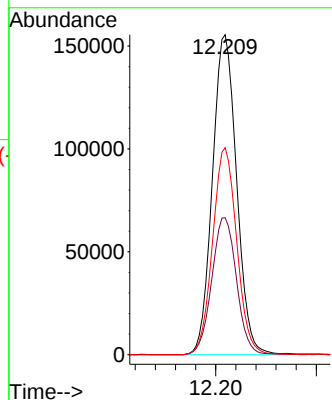
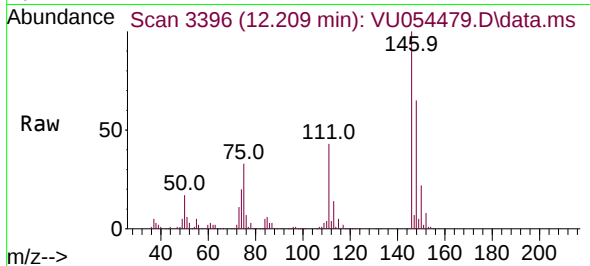




#67
1,2-Dichlorobenzene
Concen: 5.317 ug/L
RT: 12.209 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

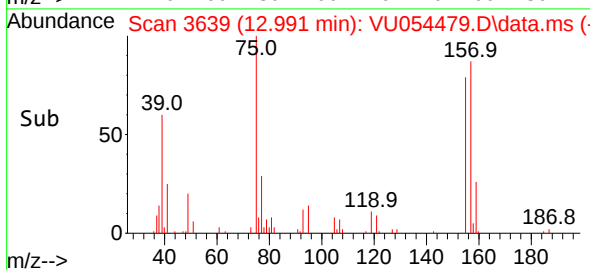
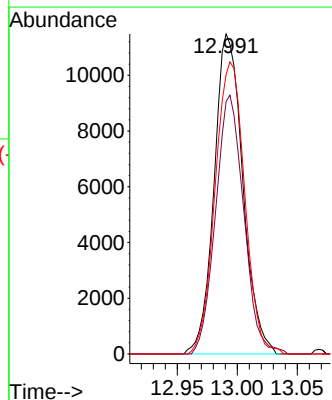
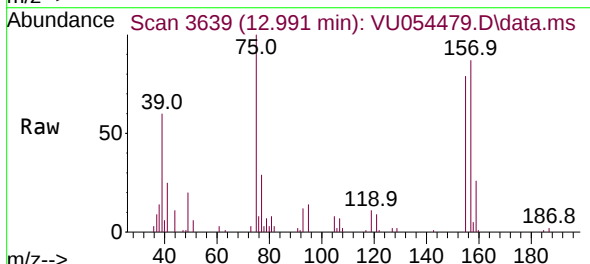
Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

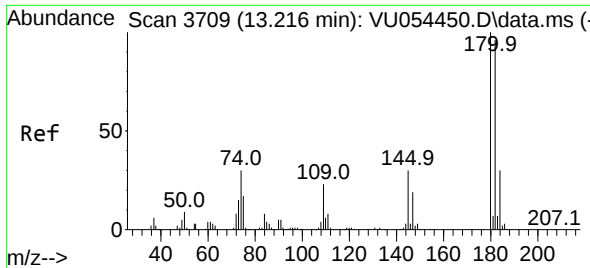
Tgt Ion:146 Resp: 259749
Ion Ratio Lower Upper
146 100
111 42.8 34.5 51.7
148 64.7 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 5.521 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Tgt Ion: 75 Resp: 19046
Ion Ratio Lower Upper
75 100
155 78.9 65.7 98.5
157 87.4 84.2 126.2

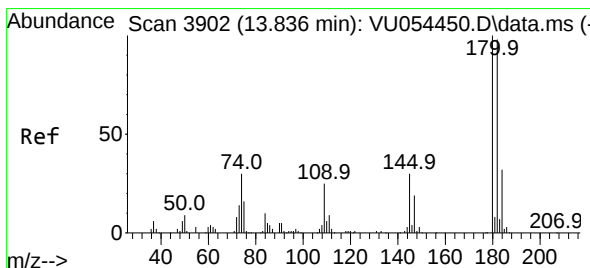
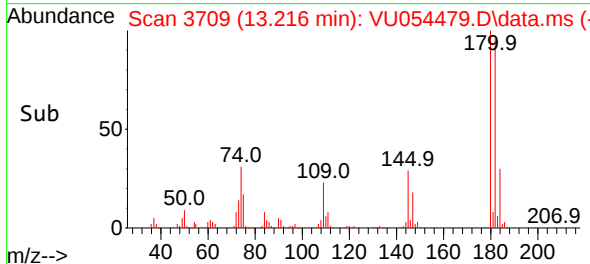
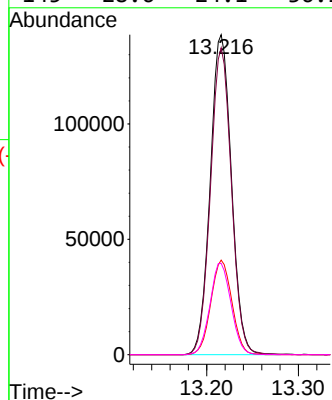
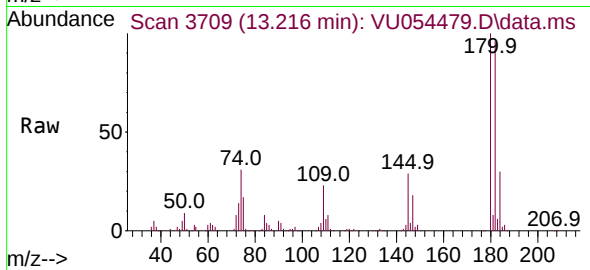




#69
 1,3,5-Trichlorobenzene
 Concen: 5.541 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: VU054479.D
 Acq: 12 Jun 2023 11:09

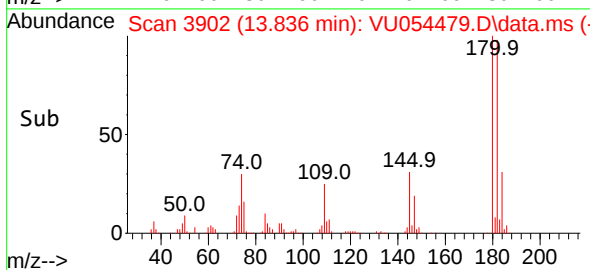
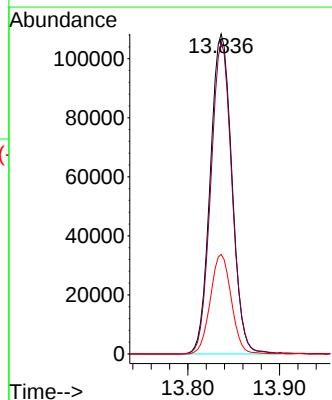
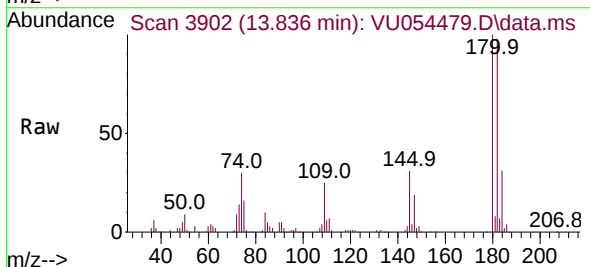
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005179

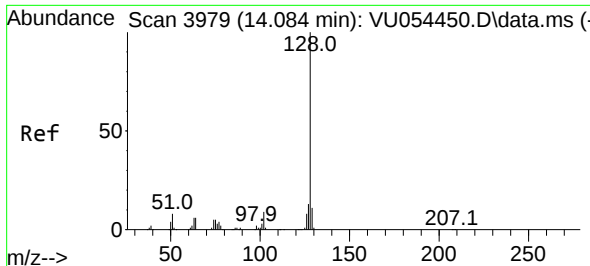
Tgt Ion:	180	Resp:	222067
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.0	112.6
184	29.4	24.1	36.1
145	28.6	24.1	36.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.370 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU054479.D
 Acq: 12 Jun 2023 11:09

Tgt Ion:	180	Resp:	177947
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.6	114.8
145	30.1	24.0	36.0

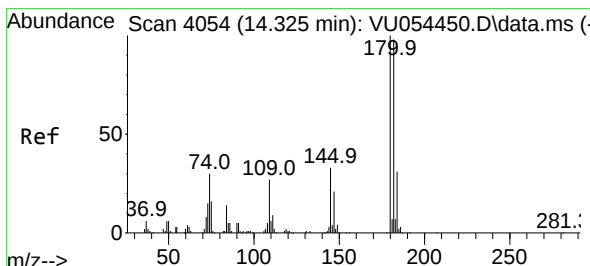
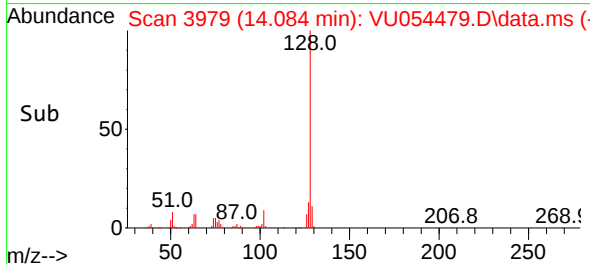
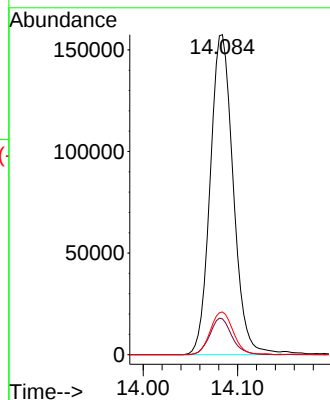
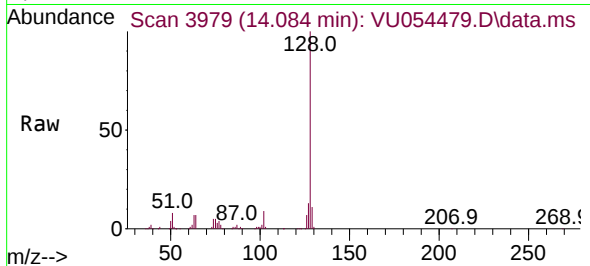




#71
Naphthalene
Concen: 4.948 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

Tgt Ion:128 Resp: 266639
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.4 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.471 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU054479.D
Acq: 12 Jun 2023 11:09

Tgt Ion:180 Resp: 155747
Ion Ratio Lower Upper
180 100
182 95.1 75.4 113.2
145 31.2 26.0 39.0

