

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056323.D
 Acq On : 14 Nov 2023 22:19
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 02:59:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 01:36:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	297179	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	288317	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	149677	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	93649	4.213	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.907	69	74918	4.396	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.563	65	44480	4.534	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.618	46	216094	48.755	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.500%
24) Chloroform-d	5.058	84	207292	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.695	65	97964	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.721	84	390430	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.685	67	119032	4.598	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.894	98	351436	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.177	79	45973	4.630	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.627	63	202908	52.001	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.000%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	91400	4.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	121332	4.388	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	127423	5.412	ug/L	99
3) Chloromethane	1.518	50	115615	4.805	ug/L	97
5) Vinyl chloride	1.602	62	118849	5.126	ug/L	99
6) Bromomethane	1.853	94	55593	4.738	ug/L	90
8) Chloroethane	1.930	64	74149	5.236	ug/L	95
9) Trichlorofluoromethane	2.136	101	180880	5.414	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	106282	5.358	ug/L	99
12) 1,1-Dichloroethene	2.576	96	96120	5.284	ug/L	94
13) Acetone	2.628	43	136288	36.103	ug/L	96
14) Carbon disulfide	2.788	76	303220	5.122	ug/L	98
15) Methyl Acetate	2.946	43	35468	5.280	ug/L	96
16) Methylene chloride	3.039	84	107735	4.475	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	242488	5.486	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	103142	5.511	ug/L	98
19) 1,1-Dichloroethane	3.862	63	195443	5.271	ug/L	99
21) 2-Butanone	4.698	43	227546	46.453	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	115889	5.460	ug/L	97
23) Bromochloromethane	4.968	128	48647	5.568	ug/L	94
25) Chloroform	5.081	83	210498	5.240	ug/L	97

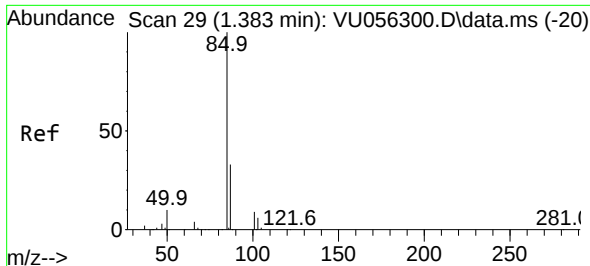
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056323.D
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	124397	5.454	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	181976	5.499	ug/L	99
30) Cyclohexane	5.383	56	167840	5.343	ug/L	99
31) Carbon tetrachloride	5.518	117	156307	5.499	ug/L	99
33) Benzene	5.769	78	440067	5.349	ug/L	100
34) Trichloroethene	6.537	95	119988	5.353	ug/L	96
35) Methylcyclohexane	6.756	83	171190	5.290	ug/L	99
37) 1,2-Dichloropropane	6.785	63	115662	5.391	ug/L	99
38) Bromodichloromethane	7.100	83	146696	5.297	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	163453	5.185	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	579412	54.483	ug/L	98
42) Toluene	7.965	91	466100	5.473	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	132991	5.292	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	79221	5.545	ug/L	96
47) Tetrachloroethene	8.547	164	83802	5.544	ug/L	98
48) 2-Hexanone	8.679	43	422035	50.940	ug/L	99
49) Dibromochloromethane	8.804	129	89738	5.523	ug/L	98
50) 1,2-Dibromoethane	8.917	107	72755	5.394	ug/L	100
51) Chlorobenzene	9.441	112	293983	5.372	ug/L	99
52) Ethylbenzene	9.566	91	521621	5.515	ug/L	98
53) m,p-Xylene	9.688	106	192685	5.542	ug/L	96
54) o-Xylene	10.097	106	183892	5.445	ug/L	99
55) Styrene	10.110	104	321241	5.718	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	96905	5.555	ug/L	94
59) Bromoform	10.287	173	49648	5.325	ug/L	97
60) Isopropylbenzene	10.479	105	510775	5.291	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	68543	5.337	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	419512	5.293	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	430790	5.506	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	235536	5.364	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	237267	5.387	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	215456	5.348	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	13299	4.848	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	169938	5.140	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	140183	5.206	ug/L	99
71) Naphthalene	14.081	128	218901	5.381	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	118833	5.357	ug/L	98

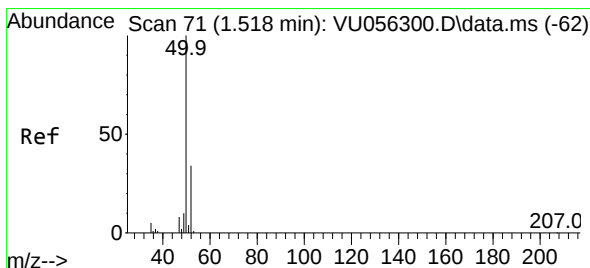
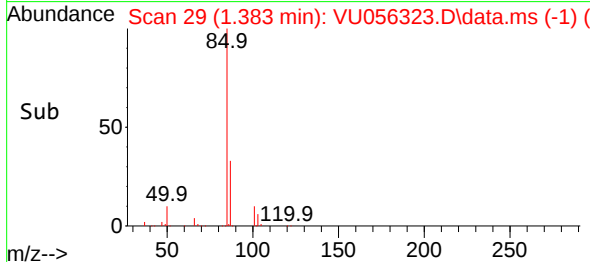
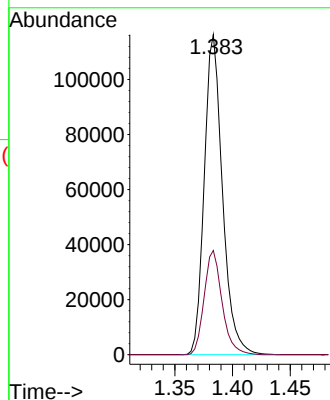
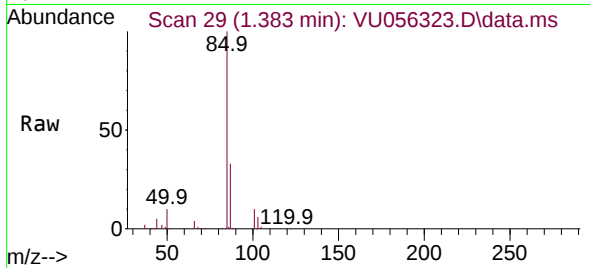
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.412 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU056323.D
 Acq: 14 Nov 2023 22:19

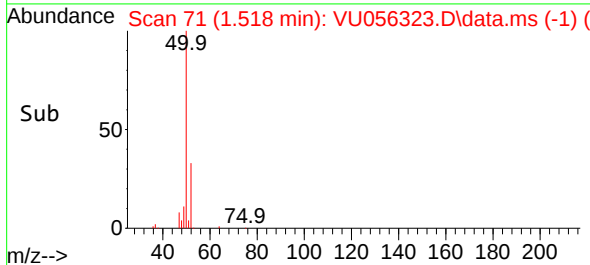
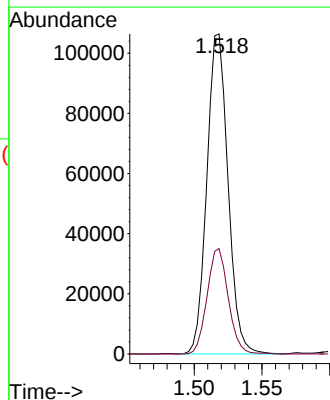
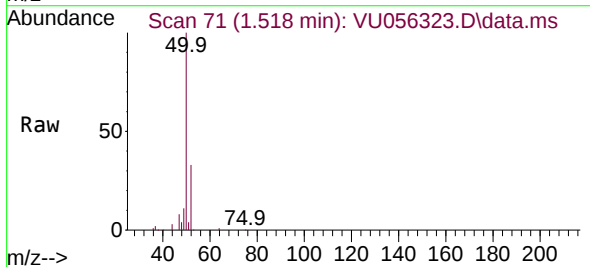
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 MSVOA_U
 ClientSampleId :

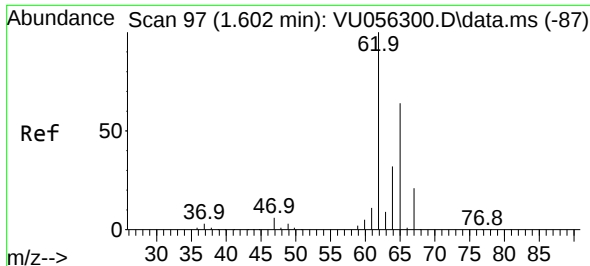
Tgt Ion: 85 Resp: 127423
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.0 37.4



#3
 Chloromethane
 Concen: 4.805 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU056323.D
 Acq: 14 Nov 2023 22:19

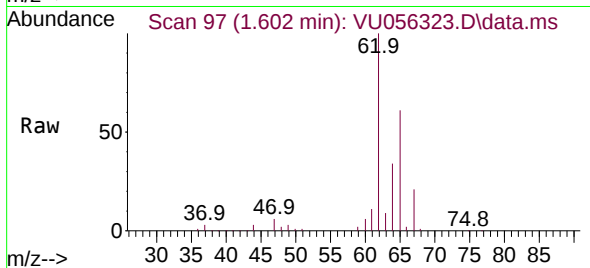
Tgt Ion: 50 Resp: 115615
 Ion Ratio Lower Upper
 50 100
 52 32.9 24.3 45.1



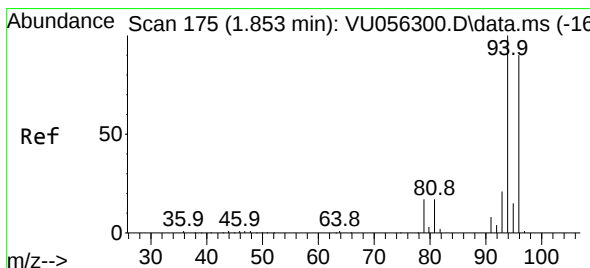
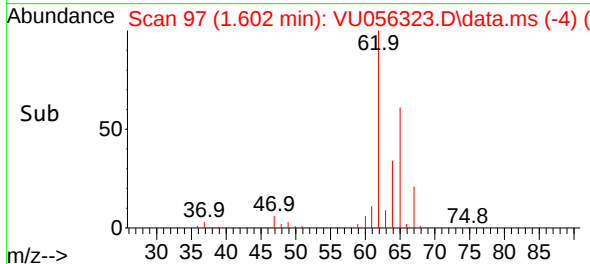
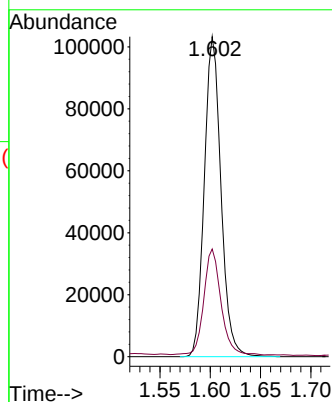


#5
 Vinyl chloride
 Concen: 5.126 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056323.D
 Acq: 14 Nov 2023 22:19

Instrument :
 MSVOA_U
 ClientSampleId :

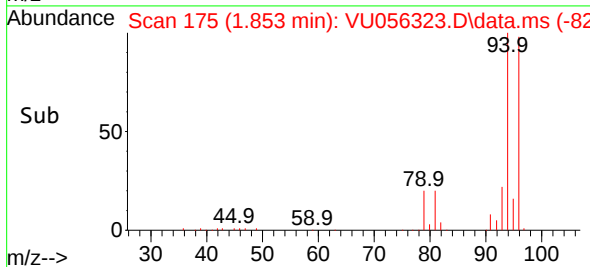
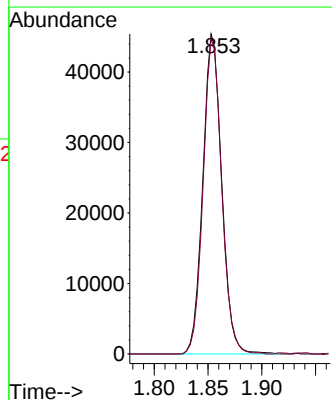
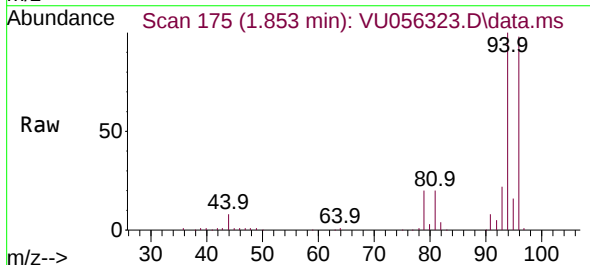


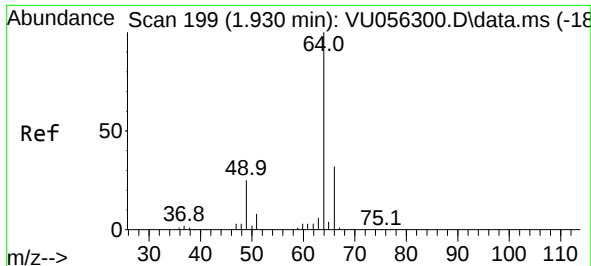
Tgt Ion: 62 Resp: 118849
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.3 43.3



#6
 Bromomethane
 Concen: 4.738 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU056323.D
 Acq: 14 Nov 2023 22:19

Tgt Ion: 94 Resp: 55593
 Ion Ratio Lower Upper
 94 100
 96 98.4 62.6 116.2

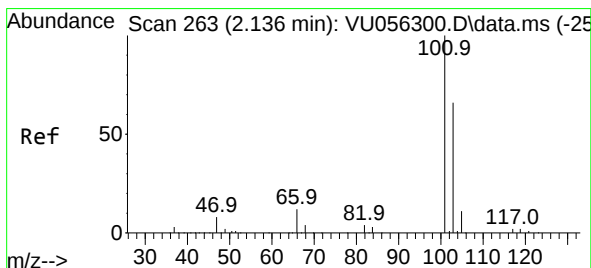
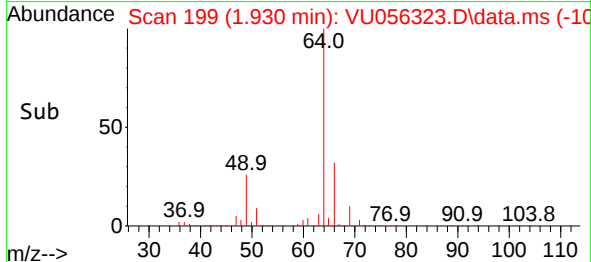
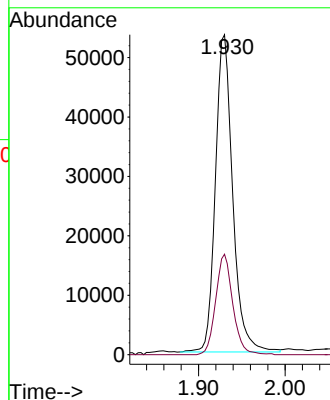
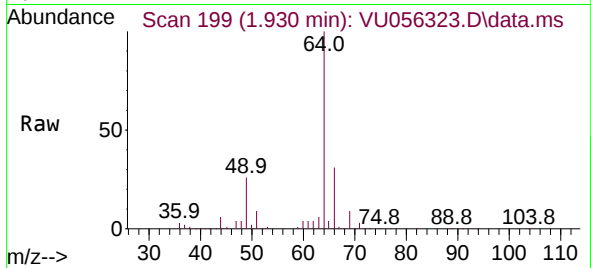




#8
Chloroethane
Concen: 5.236 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

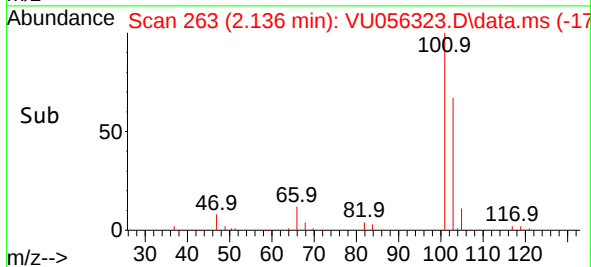
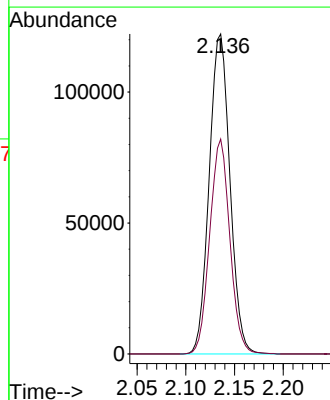
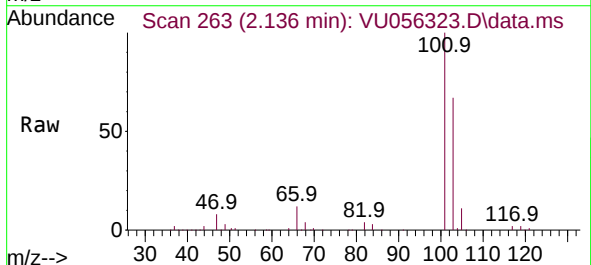
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MSVOA_U
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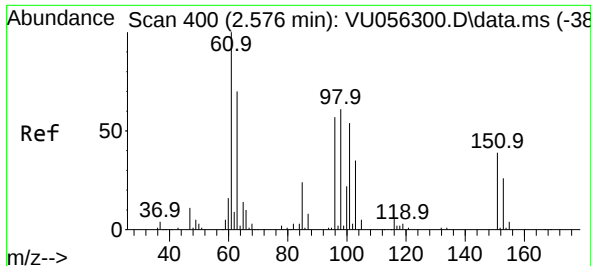
Tgt Ion: 64 Resp: 74149
Ion Ratio Lower Upper
64 100
66 31.4 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.414 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

Tgt Ion: 101 Resp: 180880
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0

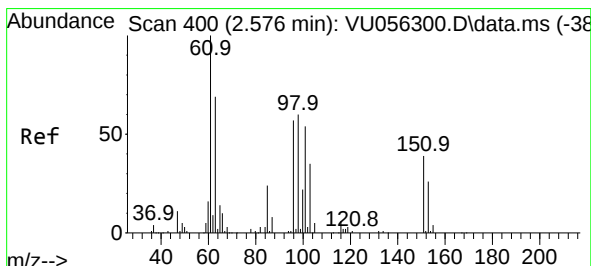
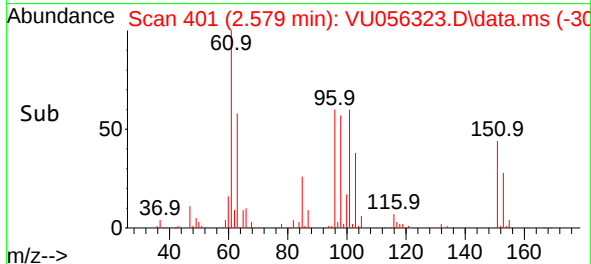
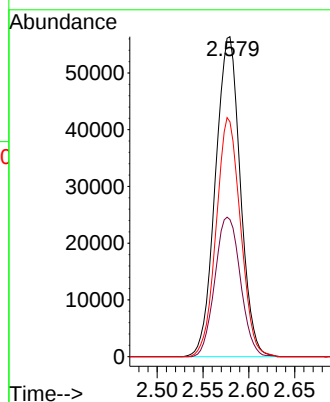
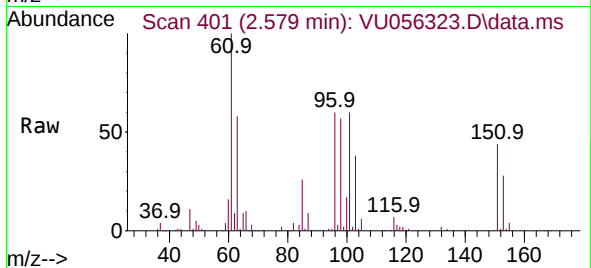




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.358 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU056323.D
 Acq: 14 Nov 2023 22:19

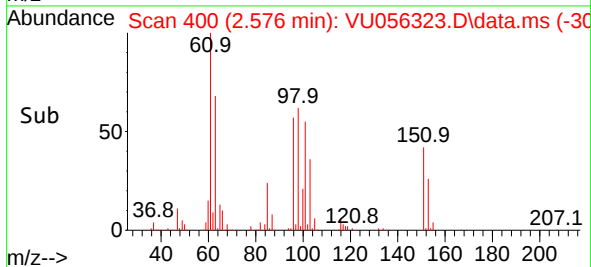
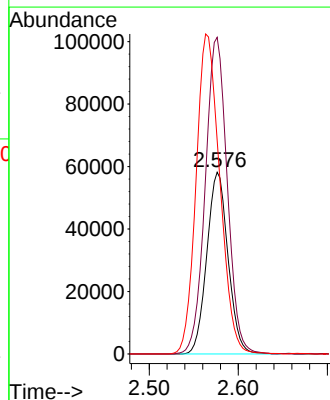
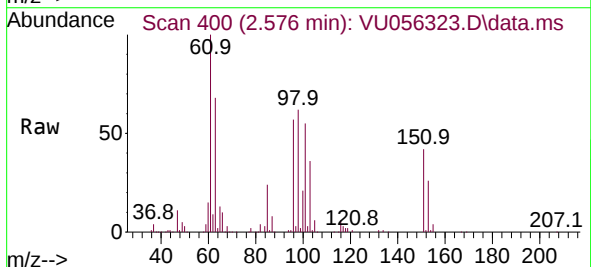
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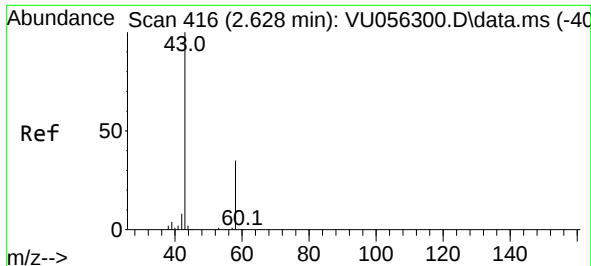
Tgt Ion:101 Resp: 106282
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.4 53.0
 151 73.1 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 5.284 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056323.D
 Acq: 14 Nov 2023 22:19

Tgt Ion: 96 Resp: 96120
 Ion Ratio Lower Upper
 96 100
 61 174.2 123.1 228.7
 63 117.6 93.3 173.3





#13

Acetone

Concen: 36.103 ug/L

RT: 2.628 min Scan# 416

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Instrument :

MSVOA_U

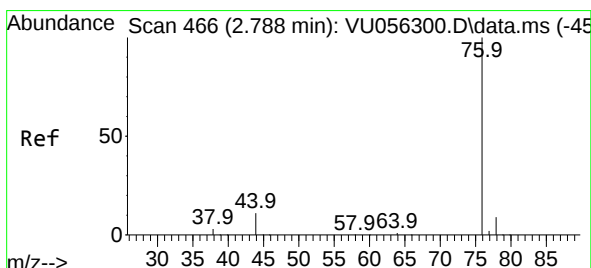
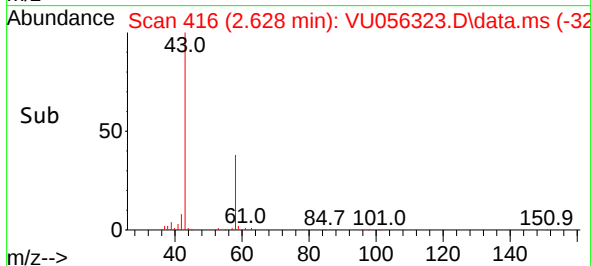
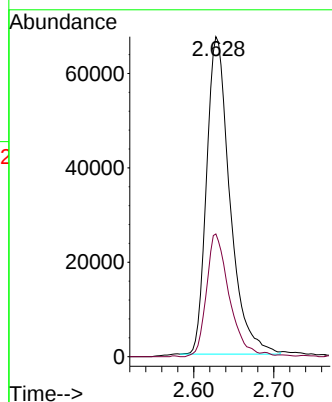
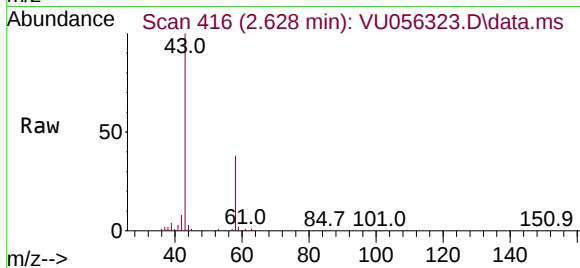
ClientSampleId :

Tgt Ion: 43 Resp: 136288

Ion Ratio Lower Upper

43 100

58 37.6 0.0 70.0



#14

Carbon disulfide

Concen: 5.122 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056323.D

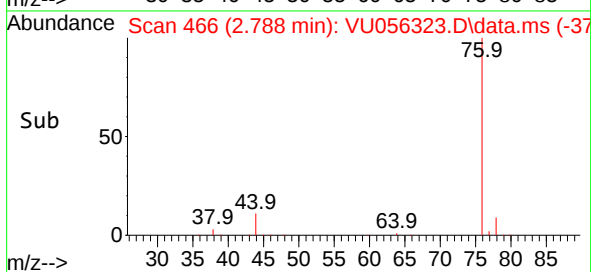
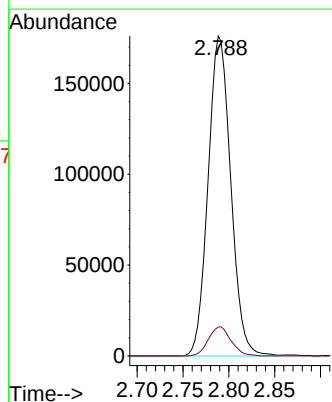
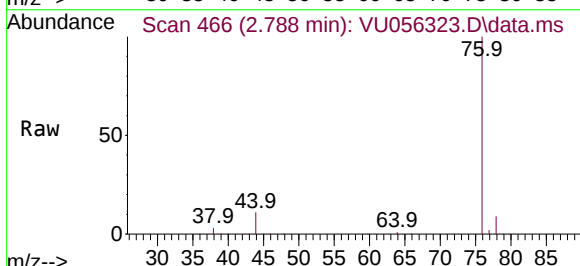
Acq: 14 Nov 2023 22:19

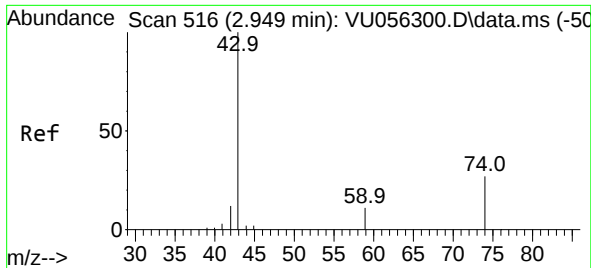
Tgt Ion: 76 Resp: 303220

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2

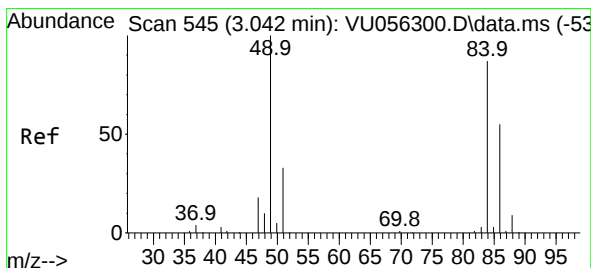
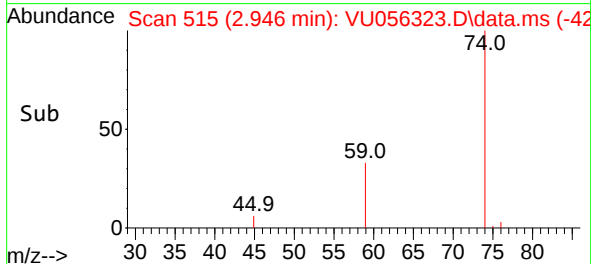
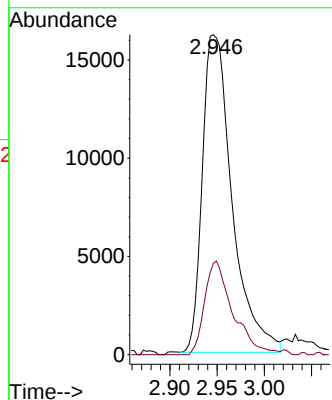
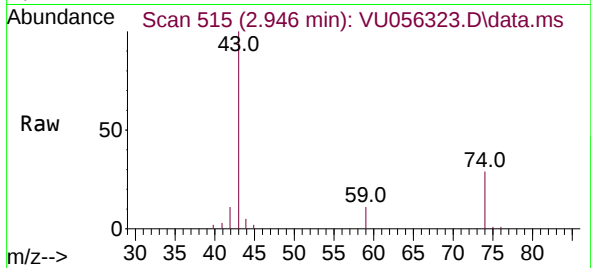




#15
Methyl Acetate
Concen: 5.280 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

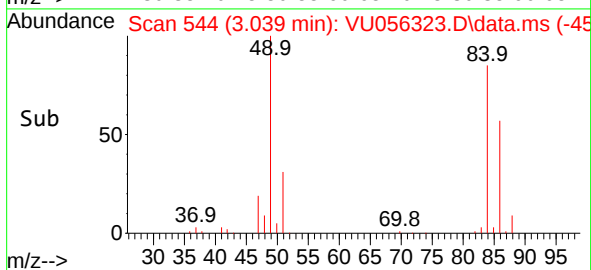
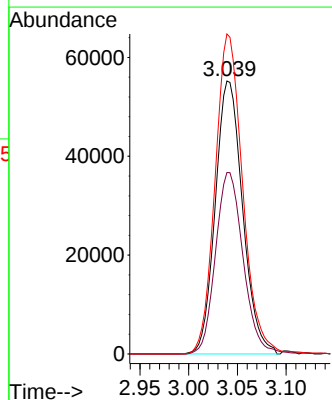
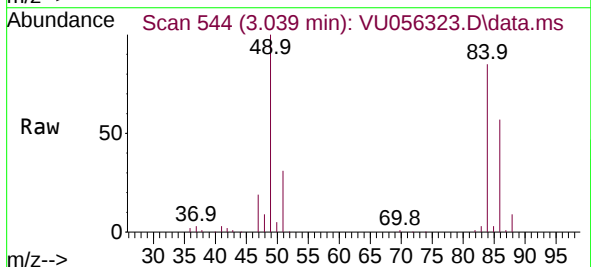
Instrument :
MSVOA_U
ClientSampleId :

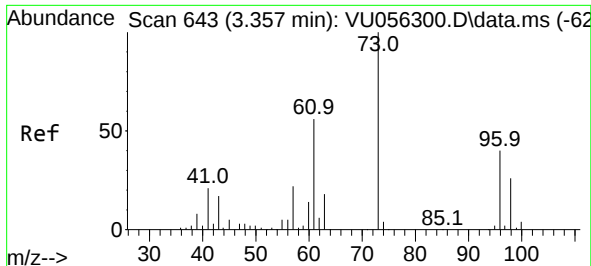
Tgt Ion: 43 Resp: 35468
Ion Ratio Lower Upper
43 100
74 27.9 20.6 31.0



#16
Methylene chloride
Concen: 4.475 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

Tgt Ion: 84 Resp: 107735
Ion Ratio Lower Upper
84 100
86 66.5 44.7 83.1
49 117.2 81.8 152.0





#17

Methyl tert-butyl Ether

Concen: 5.486 ug/L

RT: 3.354 min Scan# 64

Delta R.T. -0.003 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Instrument :

MSVOA_U

ClientSampleId :

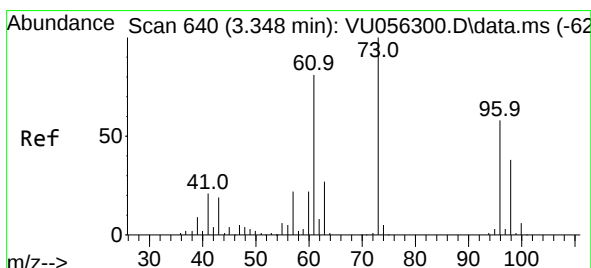
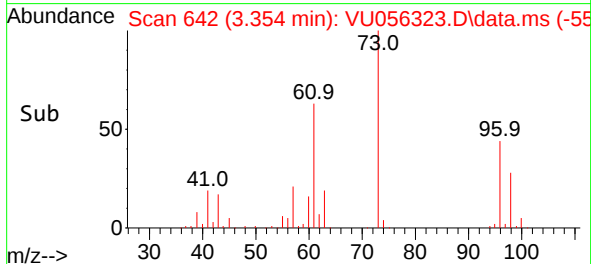
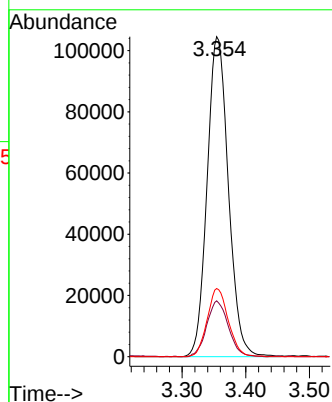
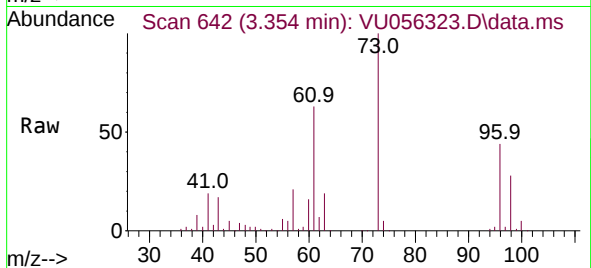
Tgt Ion: 73 Resp: 242488

Ion Ratio Lower Upper

73 100

43 17.7 15.1 22.7

57 21.1 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 5.511 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

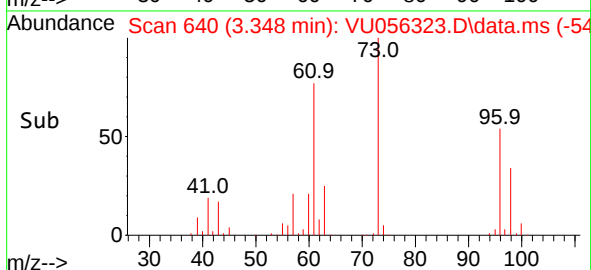
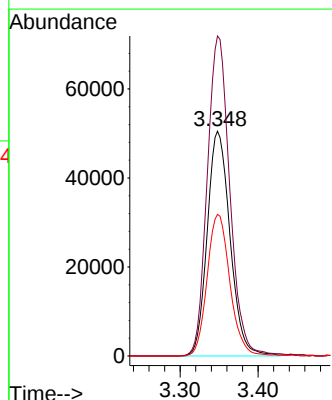
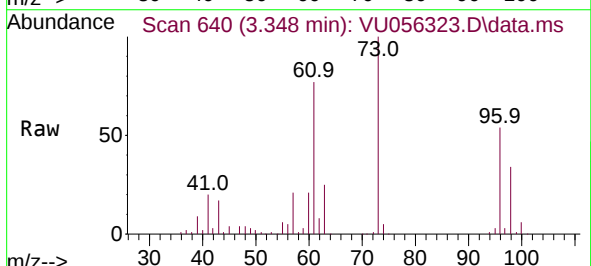
Tgt Ion: 96 Resp: 103142

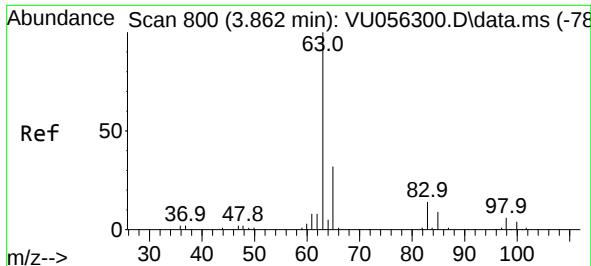
Ion Ratio Lower Upper

96 100

61 142.4 101.7 188.9

98 63.0 43.0 80.0





#19

1,1-Dichloroethane

Concen: 5.271 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Instrument :

MSVOA_U

ClientSampleId :

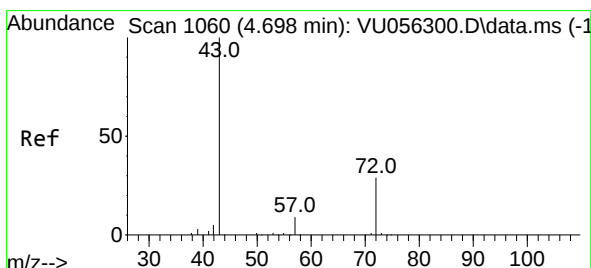
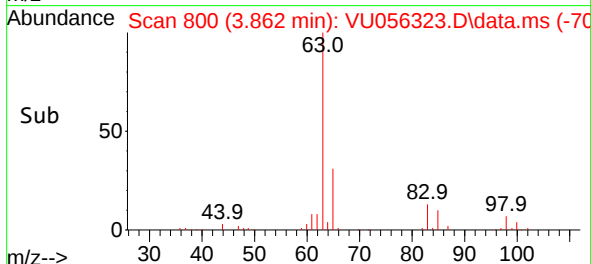
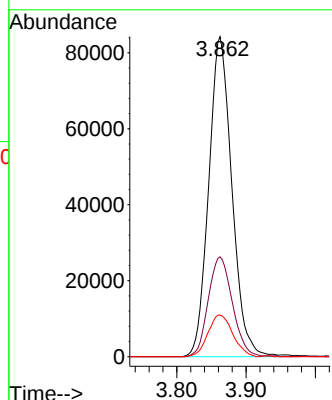
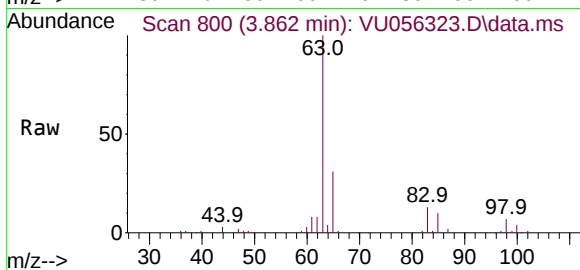
Tgt Ion: 63 Resp: 195443

Ion Ratio Lower Upper

63 100

65 31.2 21.8 40.6

83 13.0 9.7 17.9



#21

2-Butanone

Concen: 46.453 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VU056323.D

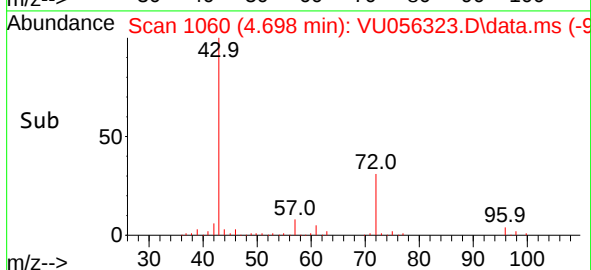
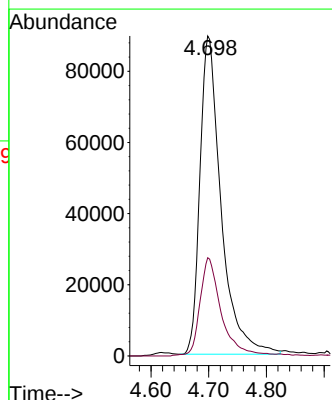
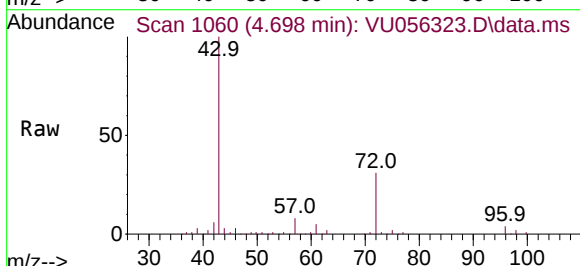
Acq: 14 Nov 2023 22:19

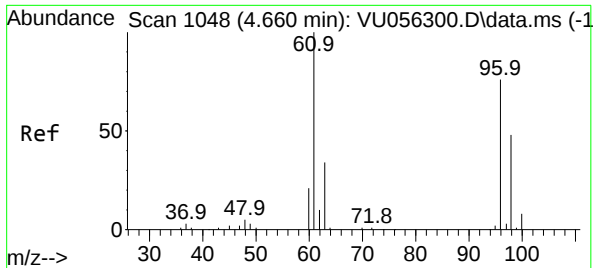
Tgt Ion: 43 Resp: 227546

Ion Ratio Lower Upper

43 100

72 31.0 14.2 42.6

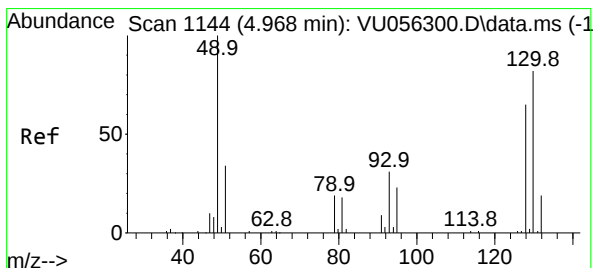
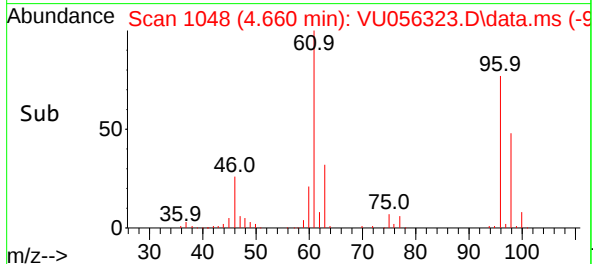
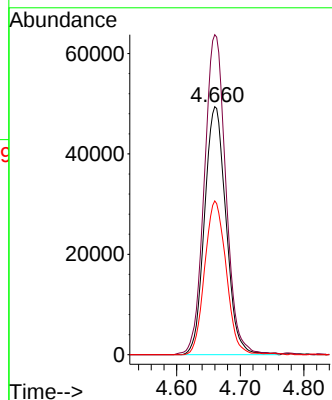
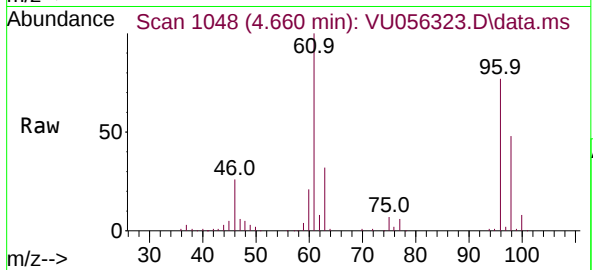




#22
 cis-1,2-Dichloroethene
 Concen: 5.460 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056323.D
 Acq: 14 Nov 2023 22:19

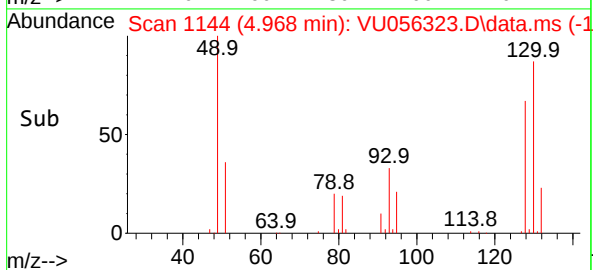
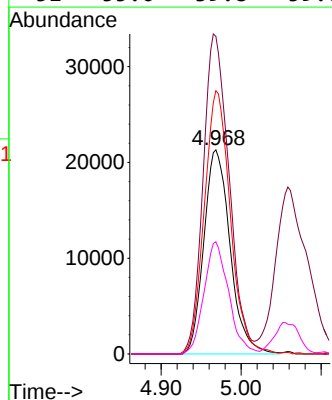
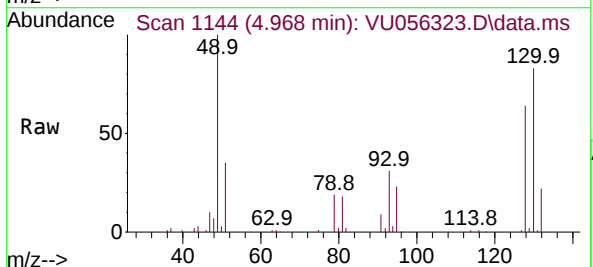
Instrument :
 MSVOA_U
 ClientSampleId :

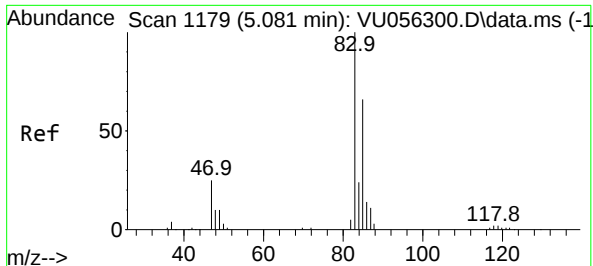
Tgt Ion: 96 Resp: 115889
 Ion Ratio Lower Upper
 96 100
 61 129.0 93.2 173.2
 98 62.0 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.568 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056323.D
 Acq: 14 Nov 2023 22:19

Tgt Ion: 128 Resp: 48647
 Ion Ratio Lower Upper
 128 100
 49 155.6 113.4 210.6
 130 128.9 84.8 157.6
 51 55.0 39.8 59.6





#25

Chloroform

Concen: 5.240 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Instrument :

MSVOA_U

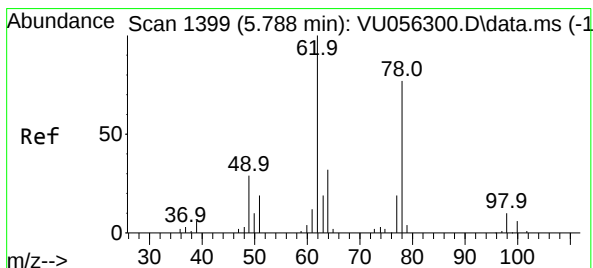
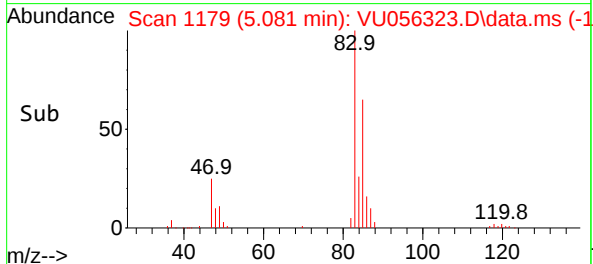
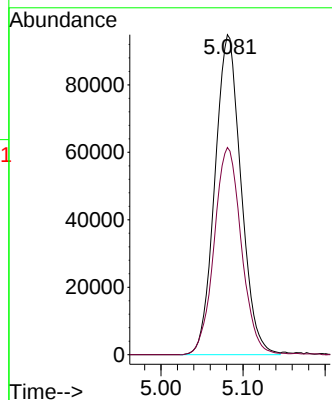
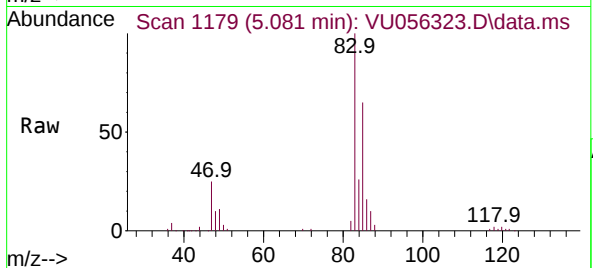
ClientSampleId :

Tgt Ion: 83 Resp: 210498

Ion Ratio Lower Upper

83 100

85 64.8 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.454 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056323.D

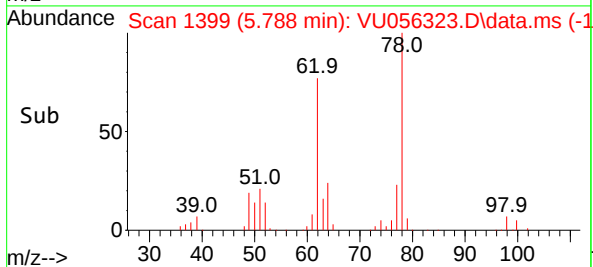
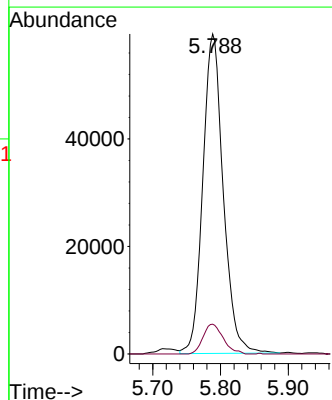
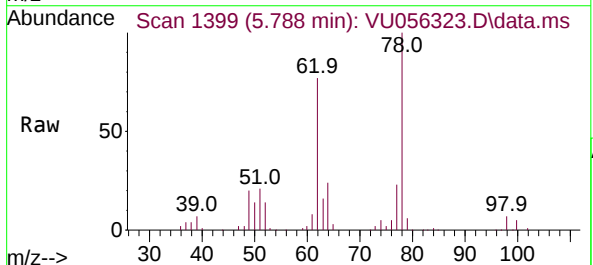
Acq: 14 Nov 2023 22:19

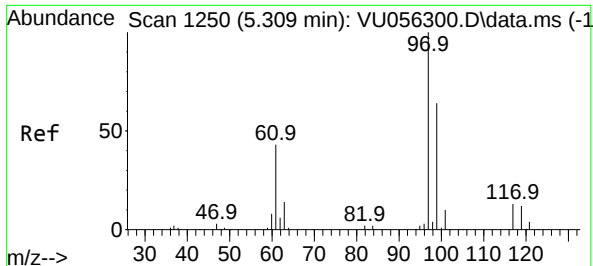
Tgt Ion: 62 Resp: 124397

Ion Ratio Lower Upper

62 100

98 9.3 6.6 10.0

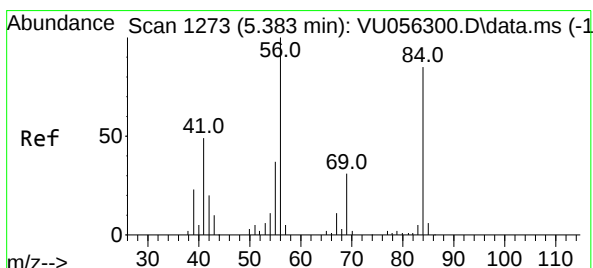
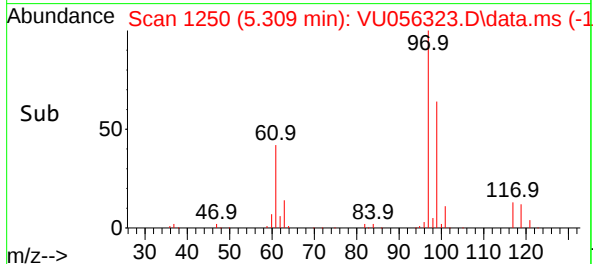
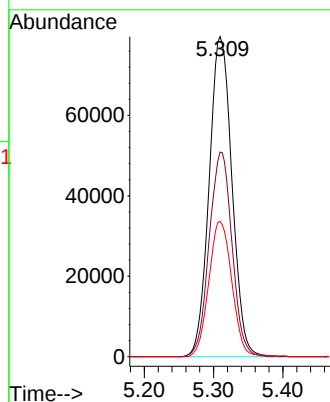
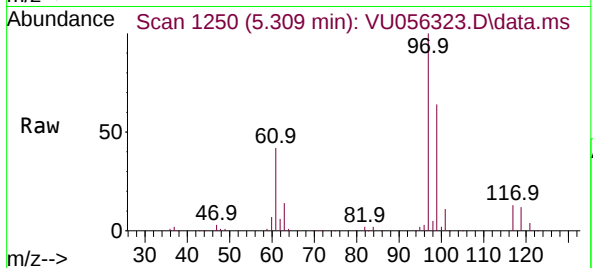




#29
1,1,1-Trichloroethane
Concen: 5.499 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

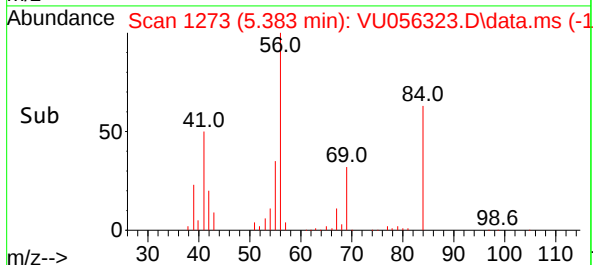
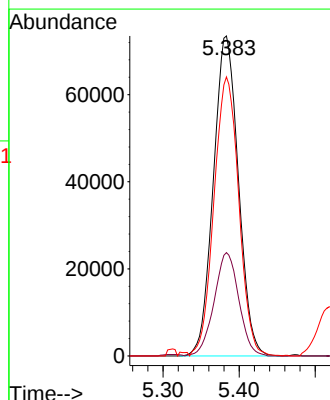
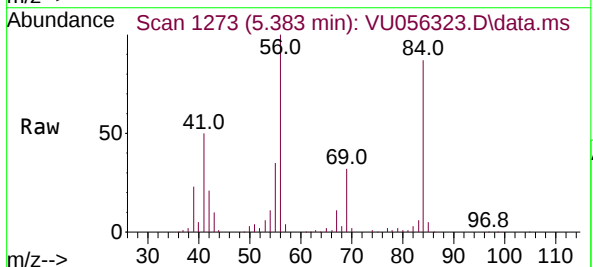
Instrument :
MSVOA_U
ClientSampleId :

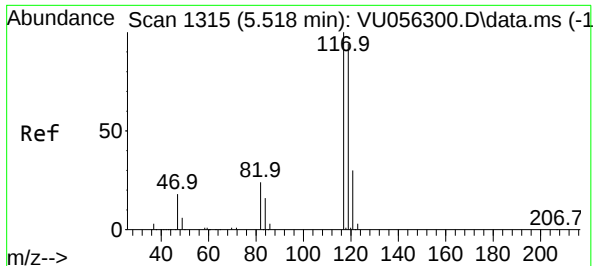
Tgt Ion: 97 Resp: 181976
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 42.7 34.3 51.5



#30
Cyclohexane
Concen: 5.343 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

Tgt Ion: 56 Resp: 167840
Ion Ratio Lower Upper
56 100
69 31.8 25.4 38.2
84 86.5 68.6 103.0

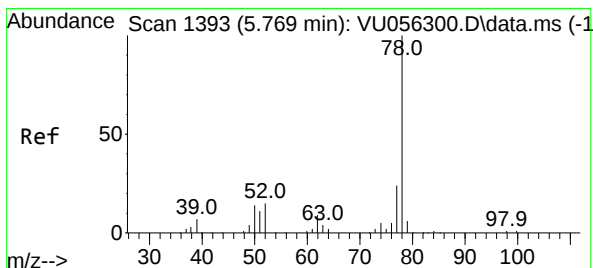
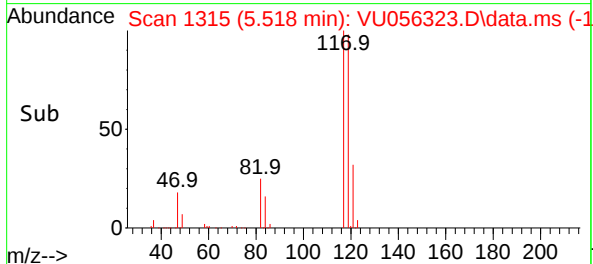
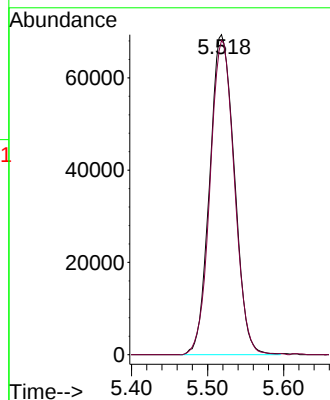
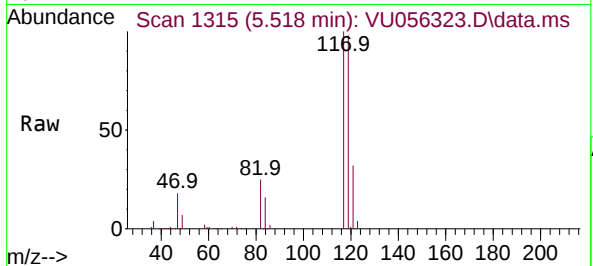




#31
Carbon tetrachloride
Concen: 5.499 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

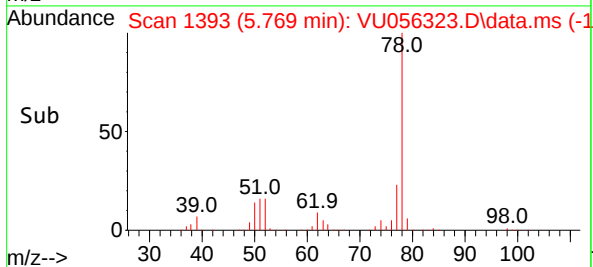
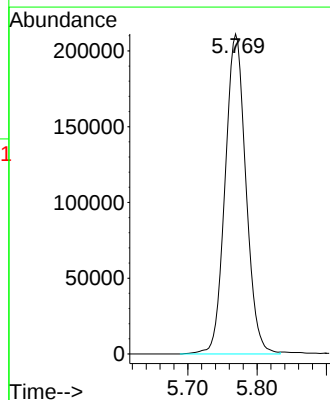
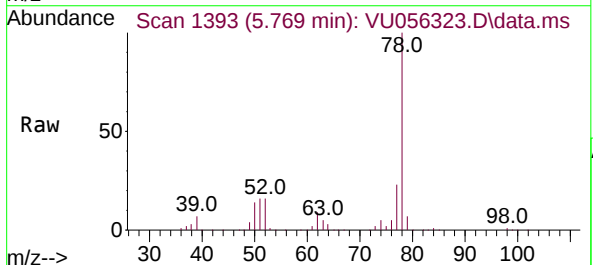
Instrument :
MSVOA_U
ClientSampleId :

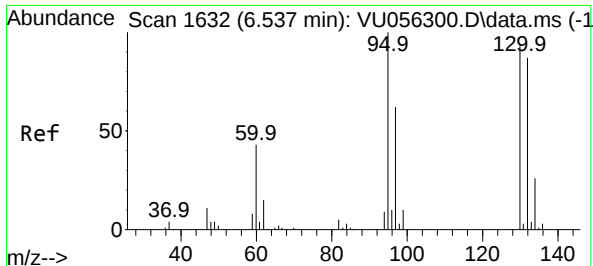
Tgt Ion:117 Resp: 156307
Ion Ratio Lower Upper
117 100
119 96.6 78.1 117.1



#33
Benzene
Concen: 5.349 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

Tgt Ion: 78 Resp: 440067





#34

Trichloroethene

Concen: 5.353 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 119988

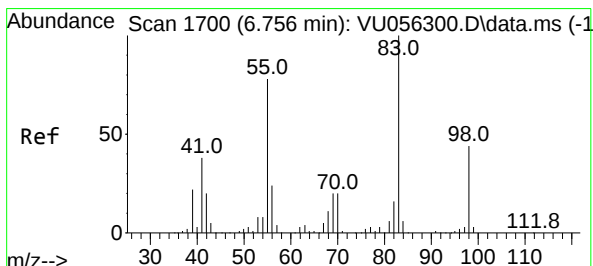
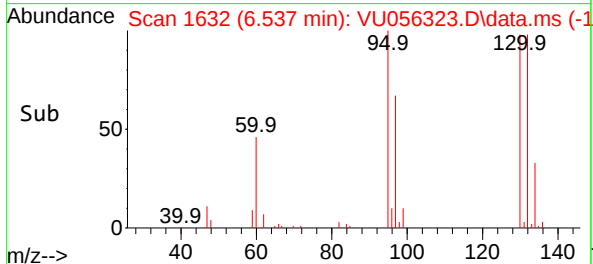
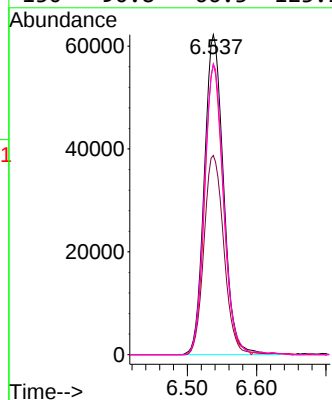
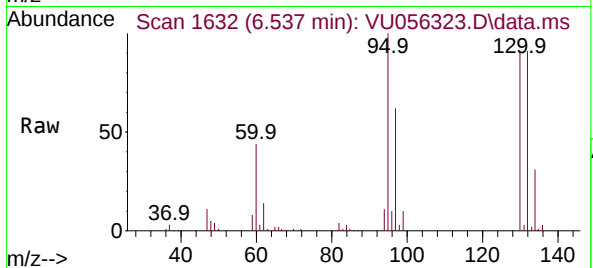
Ion Ratio Lower Upper

95 100

97 62.3 46.5 86.3

132 90.8 62.0 115.2

130 90.8 66.3 123.1



#35

Methylcyclohexane

Concen: 5.290 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

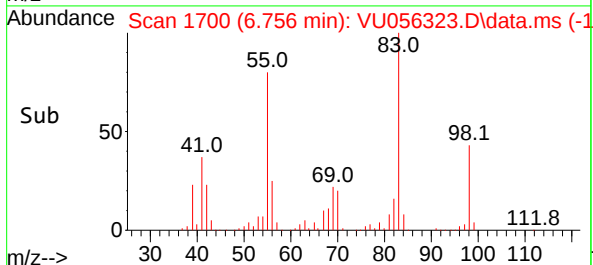
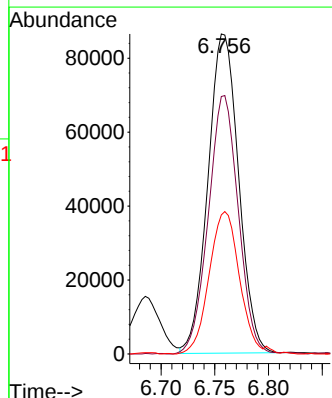
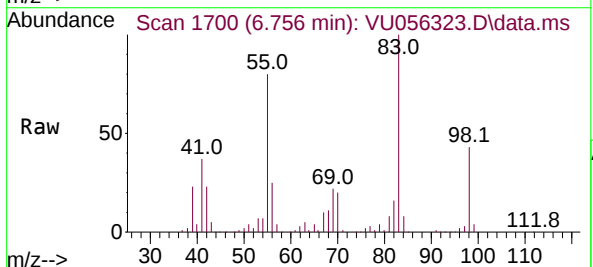
Tgt Ion: 83 Resp: 171190

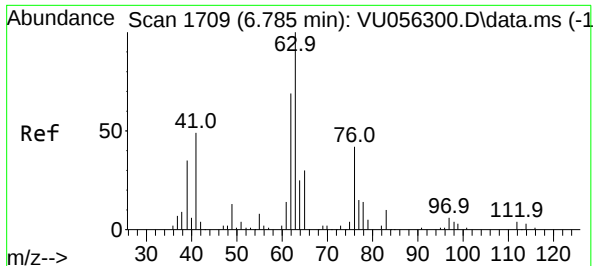
Ion Ratio Lower Upper

83 100

55 79.3 62.9 94.3

98 44.4 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.391 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Instrument :

MSVOA_U

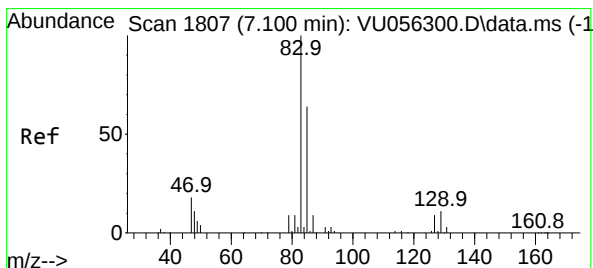
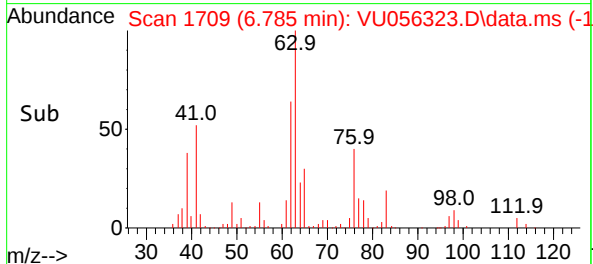
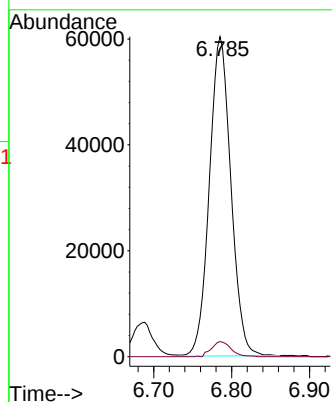
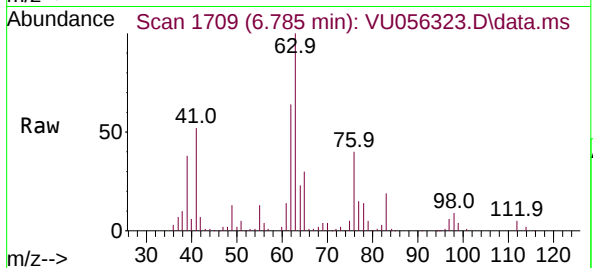
ClientSampleId :

Tgt Ion: 63 Resp: 115662

Ion Ratio Lower Upper

63 100

112 4.3 3.2 4.8



#38

Bromodichloromethane

Concen: 5.297 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

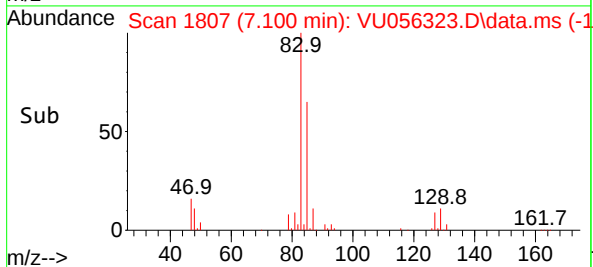
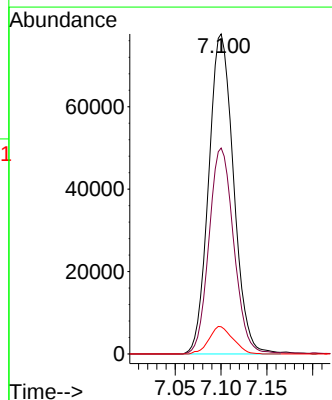
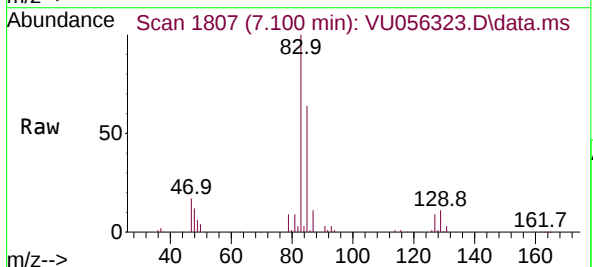
Tgt Ion: 83 Resp: 146696

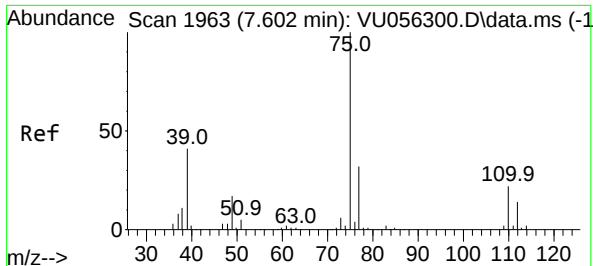
Ion Ratio Lower Upper

83 100

85 64.3 44.9 83.5

127 8.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.185 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Instrument :

MSVOA_U

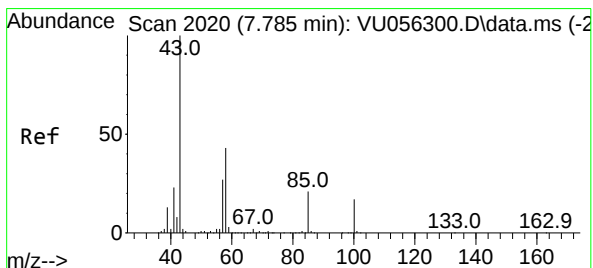
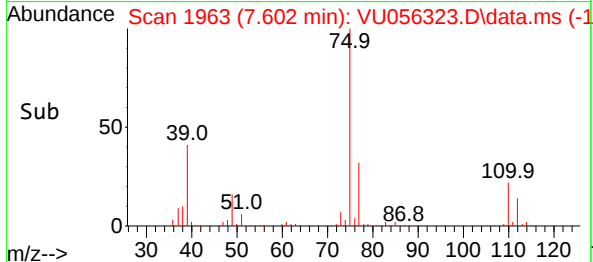
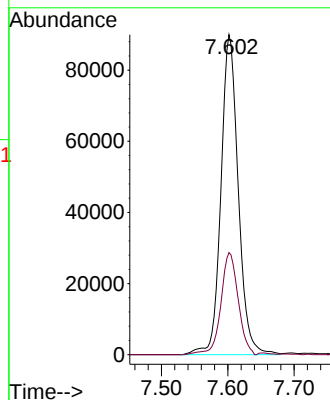
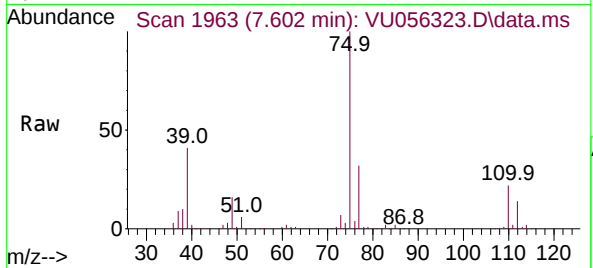
ClientSampleId :

Tgt Ion: 75 Resp: 163453

Ion Ratio Lower Upper

75 100

77 31.9 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 54.483 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

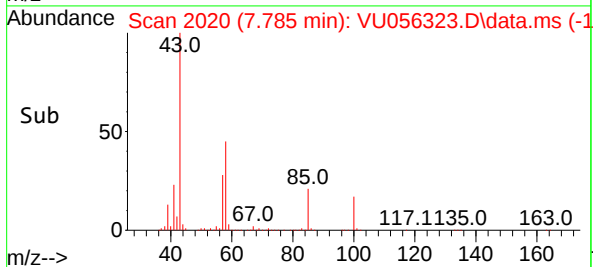
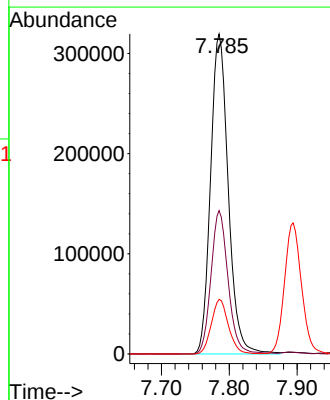
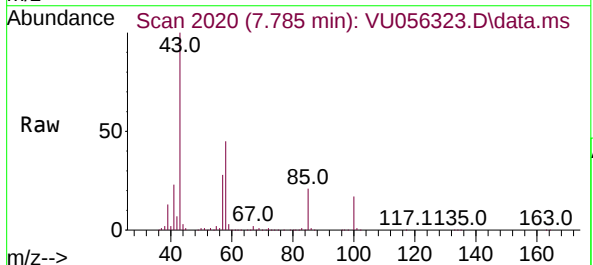
Tgt Ion: 43 Resp: 579412

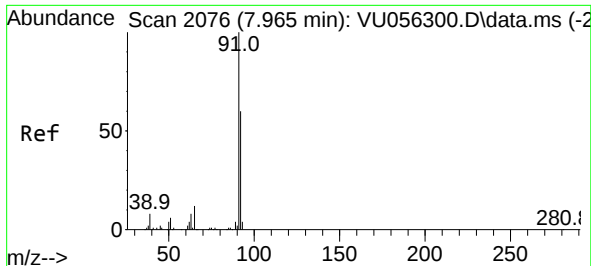
Ion Ratio Lower Upper

43 100

58 43.4 33.8 50.8

100 16.5 13.0 19.4





#42

Toluene

Concen: 5.473 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Instrument :

MSVOA_U

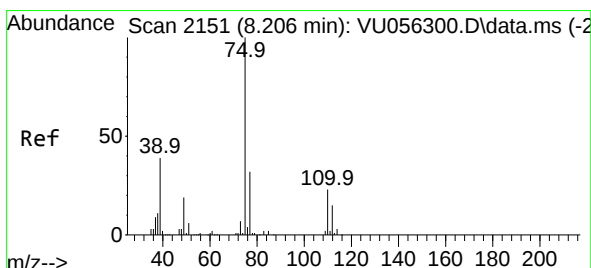
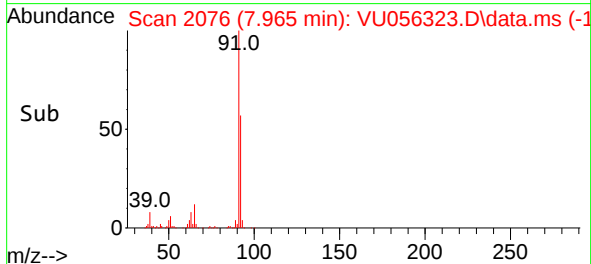
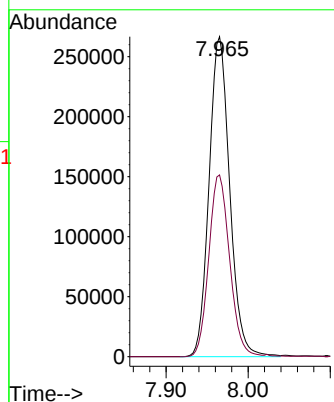
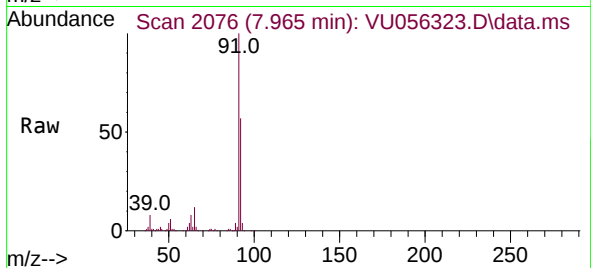
ClientSampleId :

Tgt Ion: 91 Resp: 466100

Ion Ratio Lower Upper

91 100

92 56.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.292 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056323.D

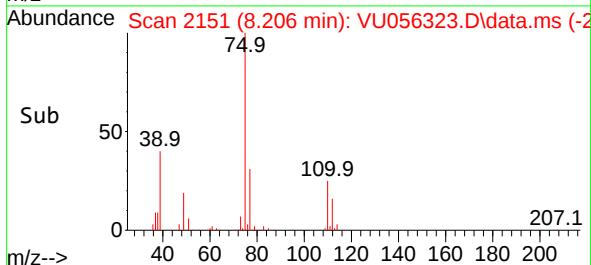
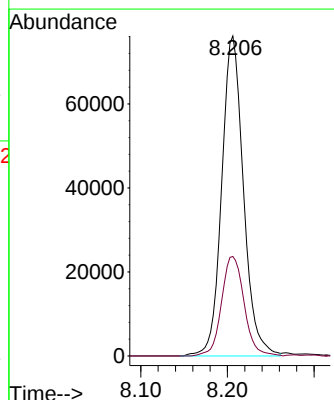
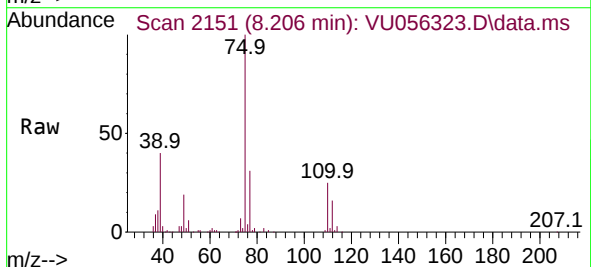
Acq: 14 Nov 2023 22:19

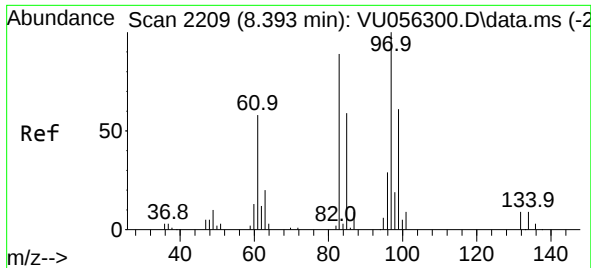
Tgt Ion: 75 Resp: 132991

Ion Ratio Lower Upper

75 100

77 31.1 22.8 42.4

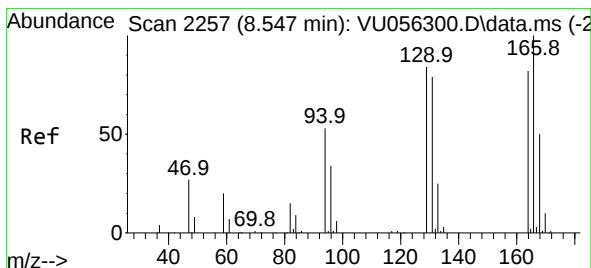
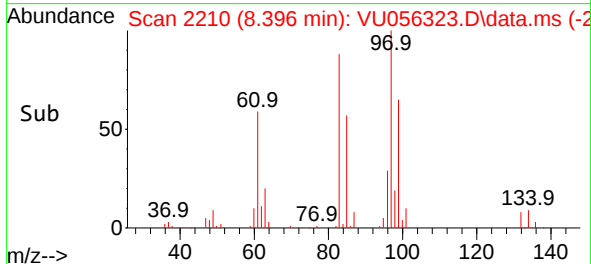
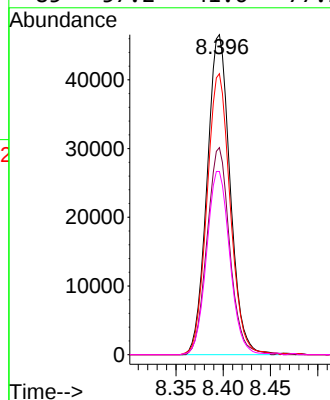
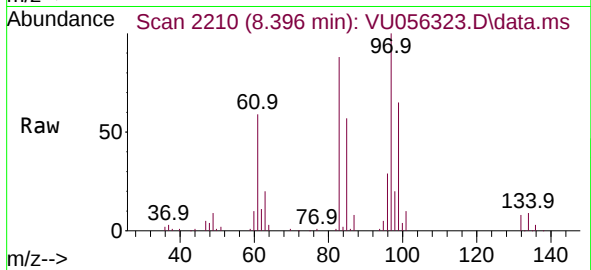




#45
1,1,2-Trichloroethane
Concen: 5.545 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

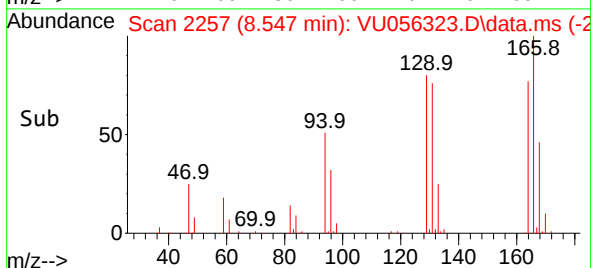
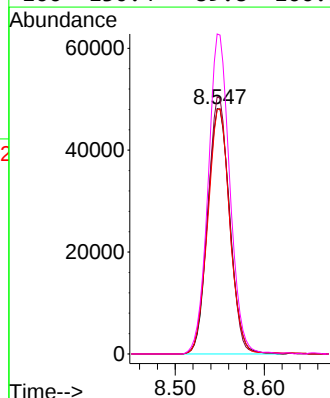
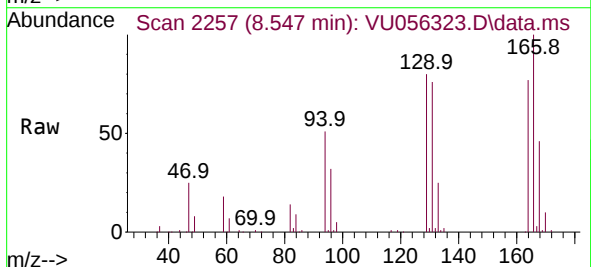
Instrument :
MSVOA_U
ClientSampleId :

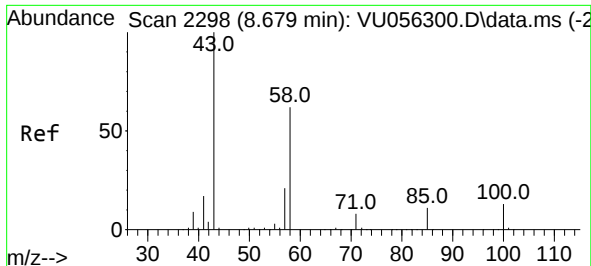
Tgt Ion:	97	Resp:	79221
Ion	Ratio	Lower	Upper
97	100		
99	64.7	44.3	82.3
83	87.8	65.4	121.4
85	57.2	41.6	77.3



#47
Tetrachloroethene
Concen: 5.544 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

Tgt Ion:	164	Resp:	83802
Ion	Ratio	Lower	Upper
164	100		
129	104.8	71.0	131.9
131	99.6	70.3	130.7
166	130.4	89.8	166.8



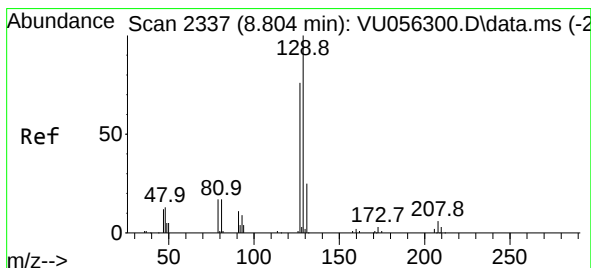
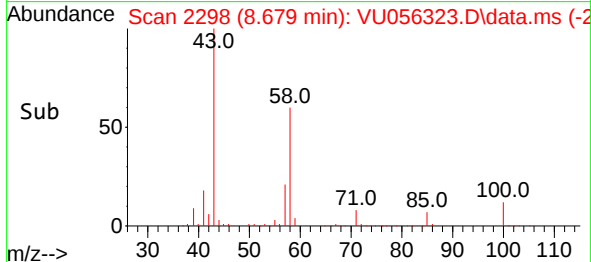
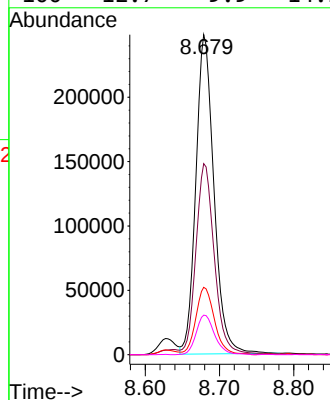
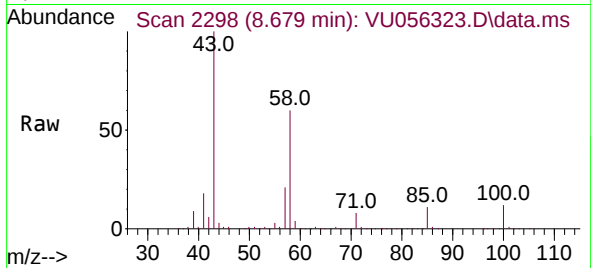


#48
2-Hexanone
Concen: 50.940 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 422035

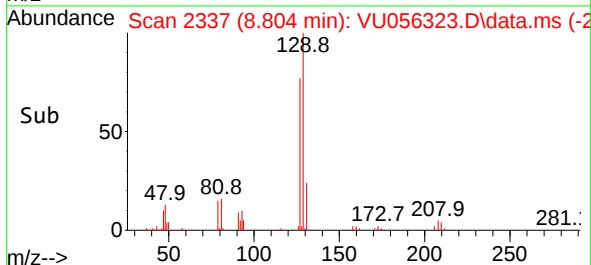
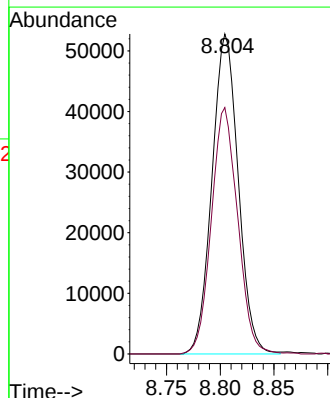
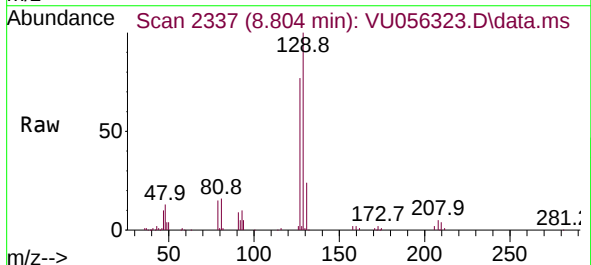
Ion	Ratio	Lower	Upper
43	100		
58	60.5	48.7	73.1
57	21.8	16.8	25.2
100	12.7	9.9	14.9

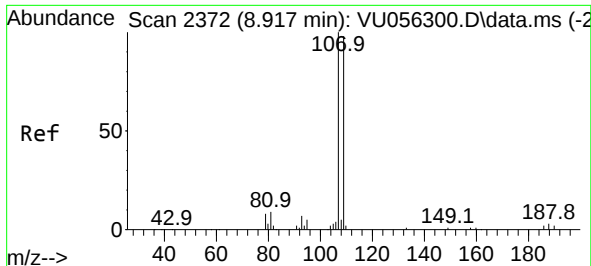


#49
Dibromochloromethane
Concen: 5.523 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

Tgt Ion: 129 Resp: 89738

Ion	Ratio	Lower	Upper
129	100		
127	77.0	52.9	98.3





#50

1,2-Dibromoethane

Concen: 5.394 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

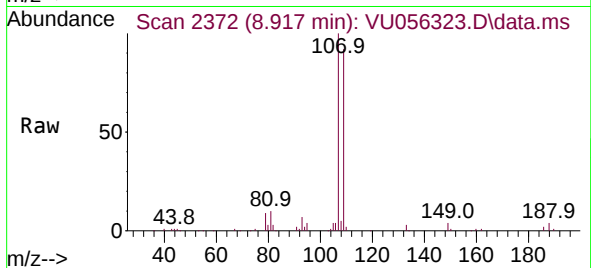
Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Instrument :

MSVOA_U

ClientSampleId :



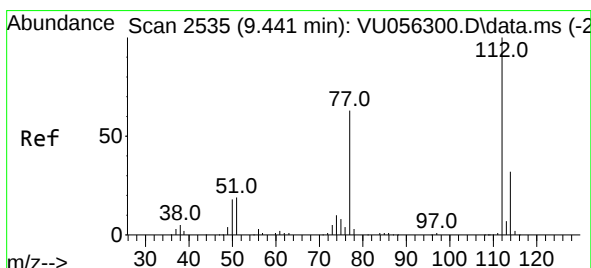
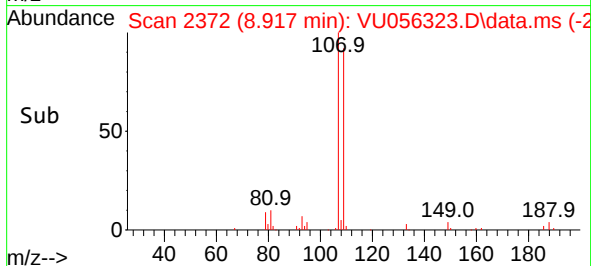
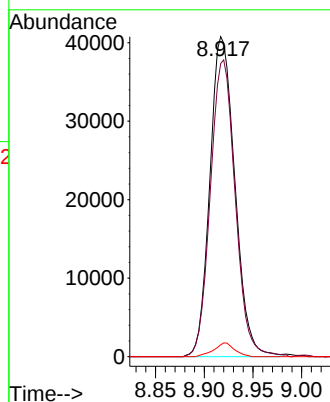
Tgt Ion:107 Resp: 72755

Ion Ratio Lower Upper

107 100

109 91.6 64.2 119.2

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 5.372 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

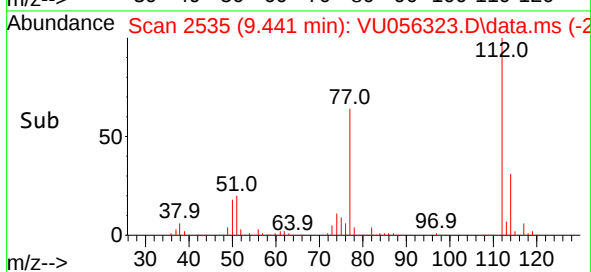
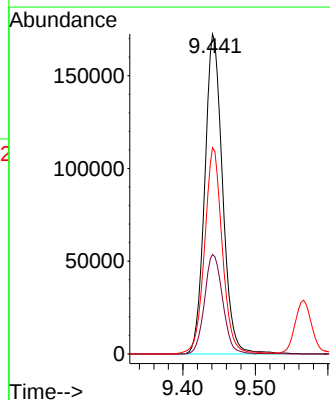
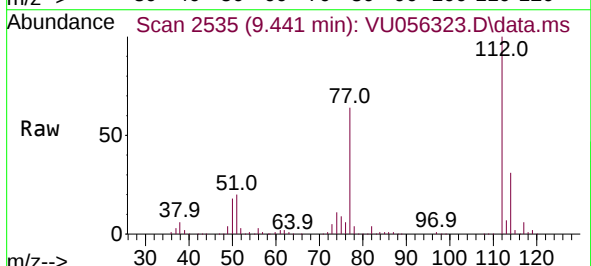
Tgt Ion:112 Resp: 293983

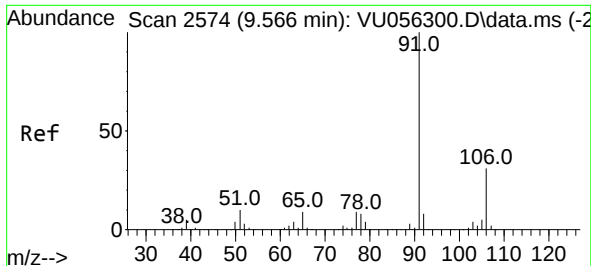
Ion Ratio Lower Upper

112 100

114 31.1 22.5 41.7

77 64.5 51.7 77.5

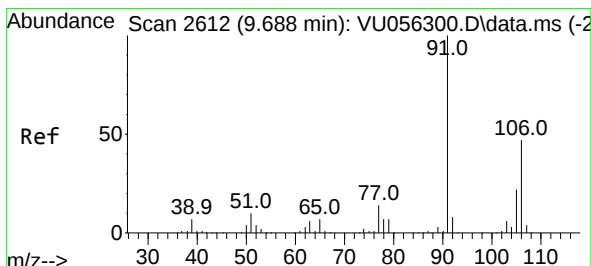
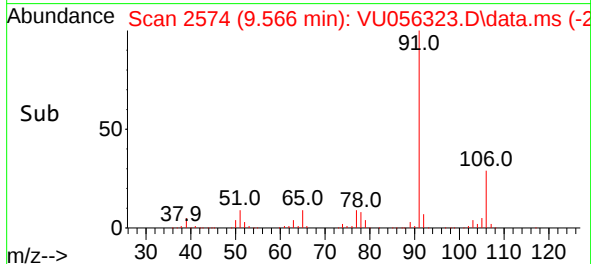
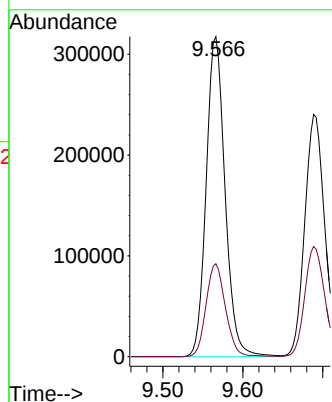
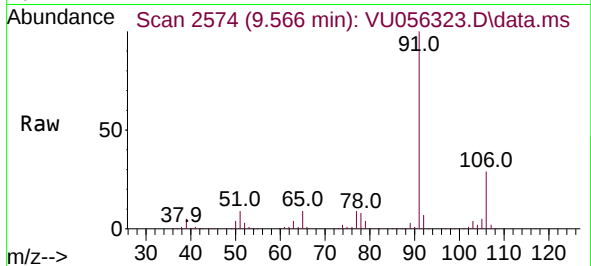




#52
Ethylbenzene
Concen: 5.515 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

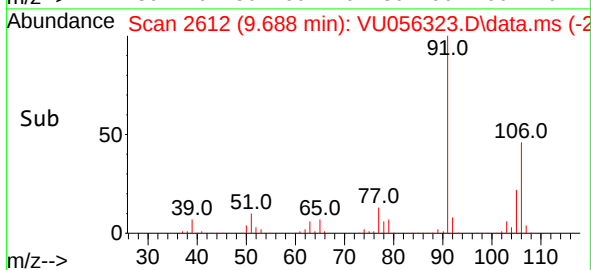
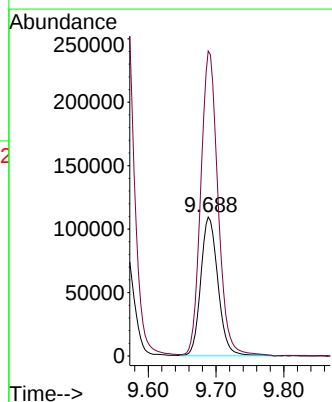
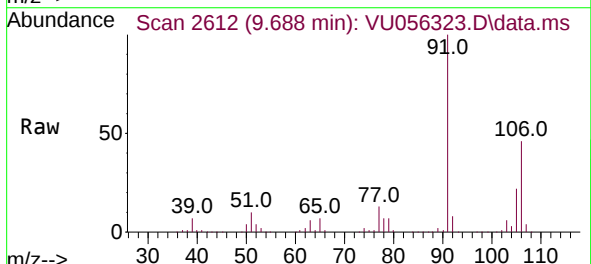
Instrument :
MSVOA_U
ClientSampleId :

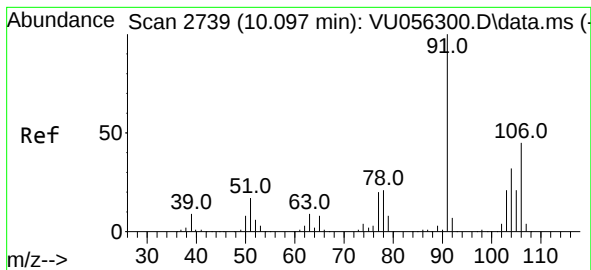
Tgt Ion: 91 Resp: 521621
Ion Ratio Lower Upper
91 100
106 29.0 21.1 39.1



#53
m,p-Xylene
Concen: 5.542 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

Tgt Ion: 106 Resp: 192685
Ion Ratio Lower Upper
106 100
91 219.6 149.6 277.8





#54

o-Xylene

Concen: 5.445 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Instrument :

MSVOA_U

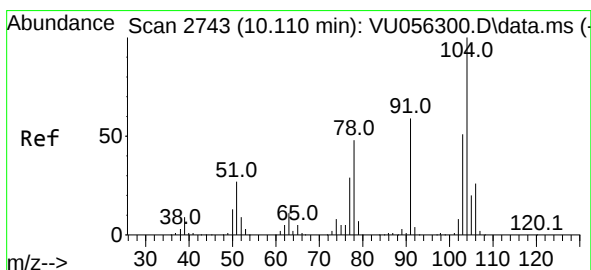
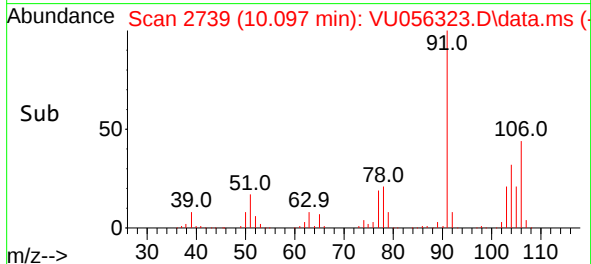
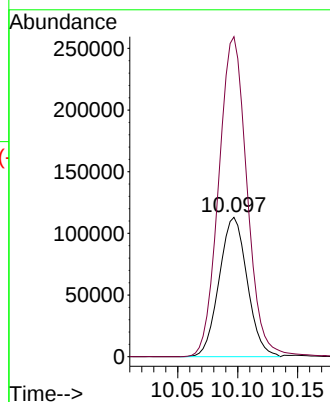
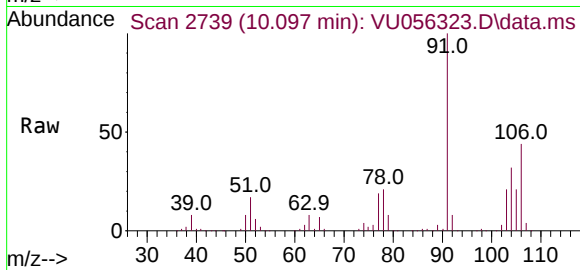
ClientSampleId :

Tgt Ion:106 Resp: 183892

Ion Ratio Lower Upper

106 100

91 229.5 159.3 295.9



#55

Styrene

Concen: 5.718 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU056323.D

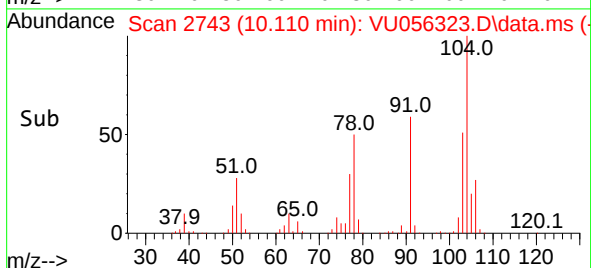
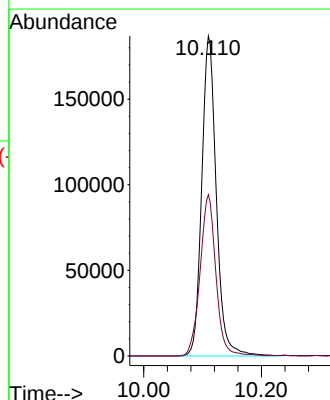
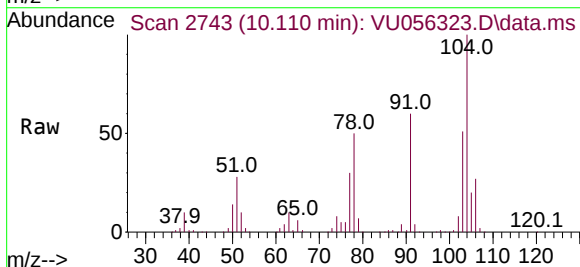
Acq: 14 Nov 2023 22:19

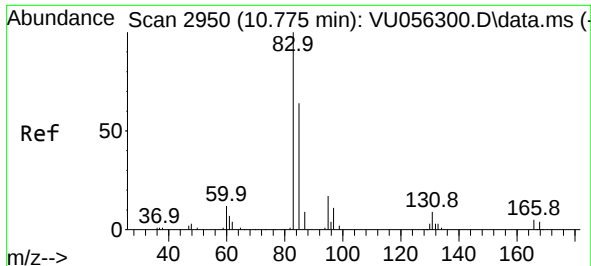
Tgt Ion:104 Resp: 321241

Ion Ratio Lower Upper

104 100

78 50.4 34.2 63.6

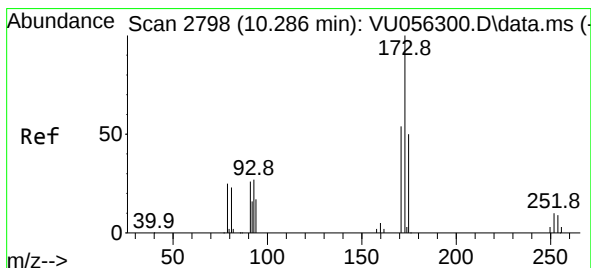
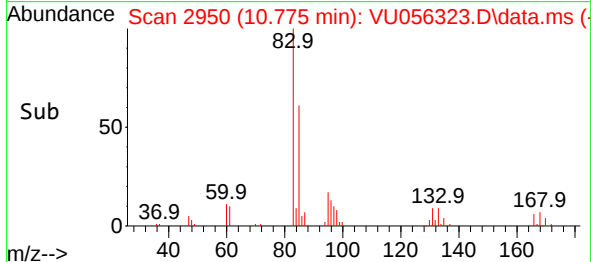
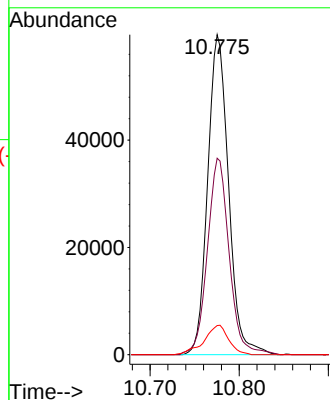
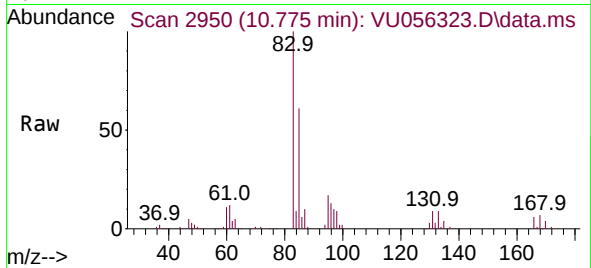




#57
1,1,2,2-Tetrachloroethane
Concen: 5.555 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

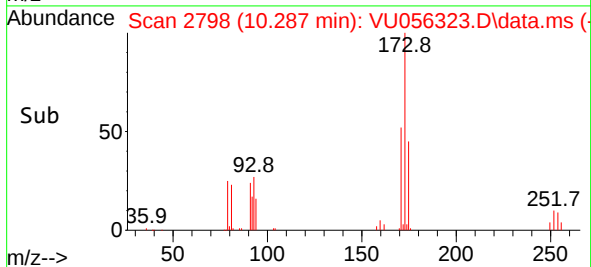
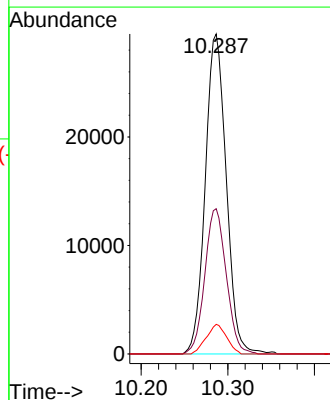
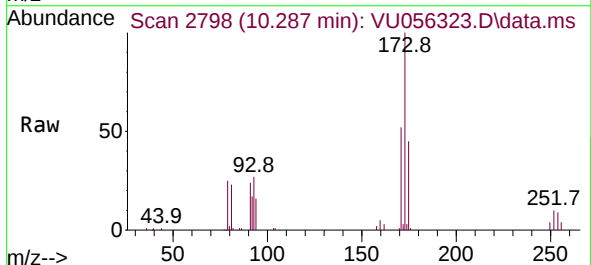
Instrument :
MSVOA_U
ClientSampleId :

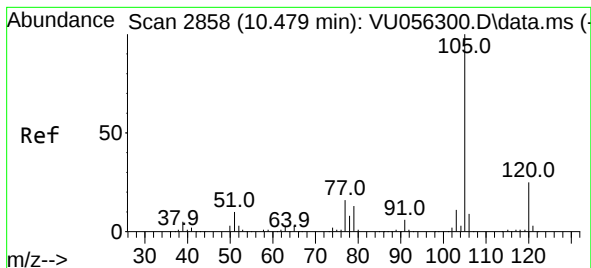
Tgt Ion: 83 Resp: 96905
Ion Ratio Lower Upper
83 100
85 61.4 46.3 86.1
131 9.1 6.7 10.1



#59
Bromoform
Concen: 5.325 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

Tgt Ion:173 Resp: 49648
Ion Ratio Lower Upper
173 100
175 46.4 38.9 58.3
254 9.0 6.7 10.1





#60

Isopropylbenzene

Concen: 5.291 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Instrument :

MSVOA_U

ClientSampleId :

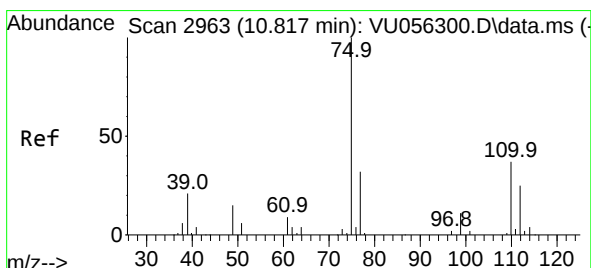
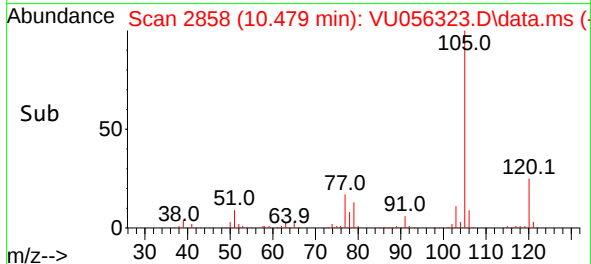
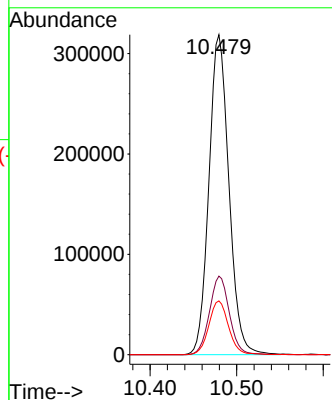
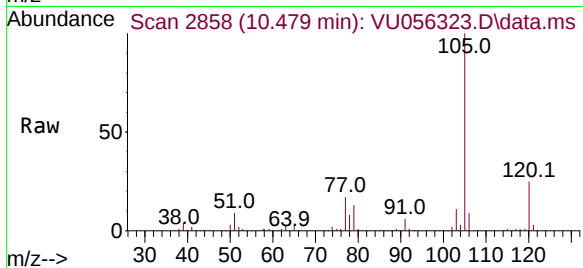
Tgt Ion:105 Resp: 510775

Ion Ratio Lower Upper

105 100

120 24.5 20.4 30.6

77 16.6 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 5.337 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

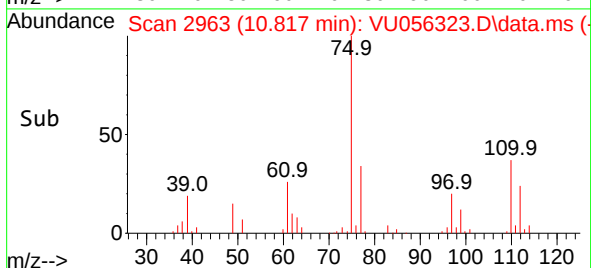
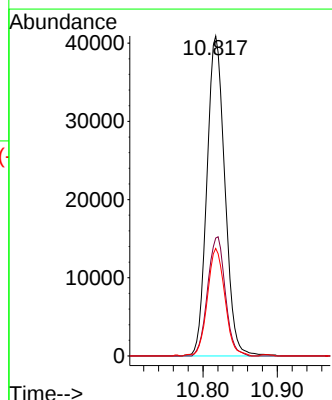
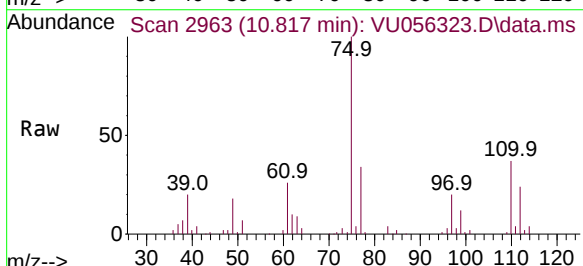
Tgt Ion: 75 Resp: 68543

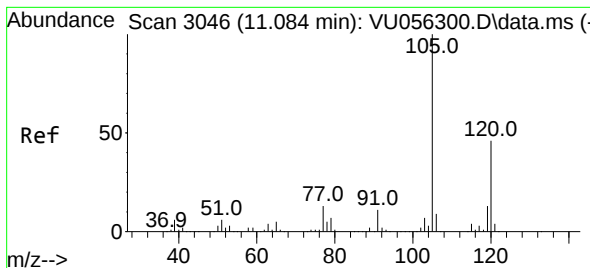
Ion Ratio Lower Upper

75 100

110 36.7 30.4 45.6

77 32.8 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 5.293 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Instrument :

MSVOA_U

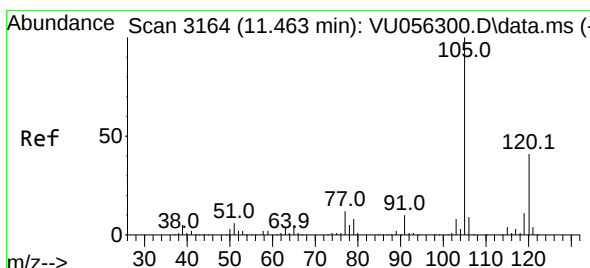
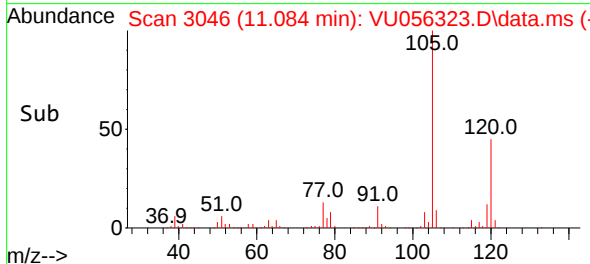
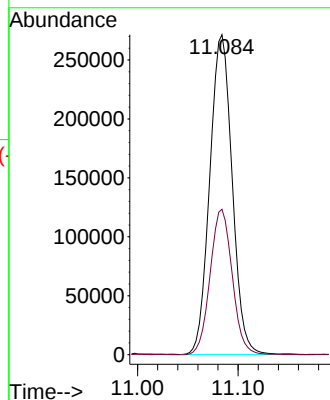
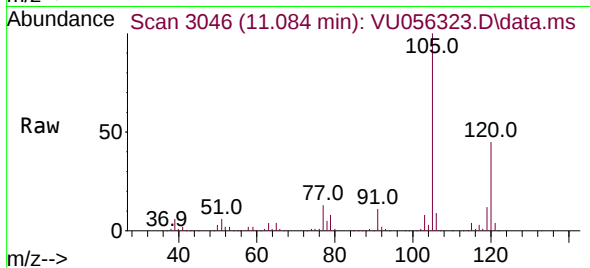
ClientSampleId :

Tgt Ion:105 Resp: 419512

Ion Ratio Lower Upper

105 100

120 44.9 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.506 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU056323.D

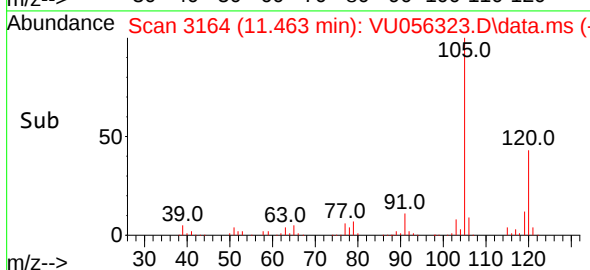
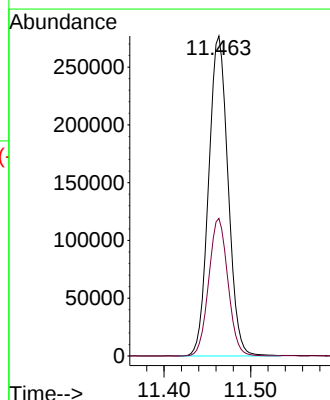
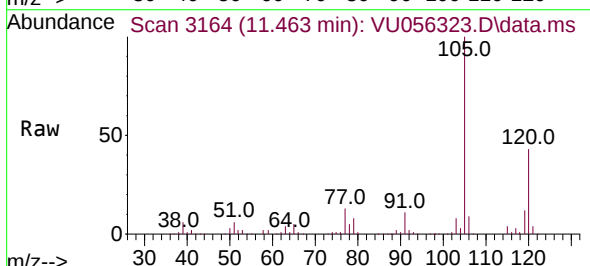
Acq: 14 Nov 2023 22:19

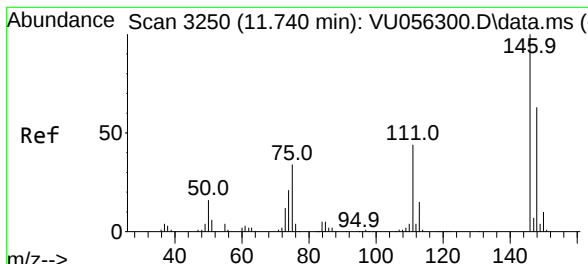
Tgt Ion:105 Resp: 430790

Ion Ratio Lower Upper

105 100

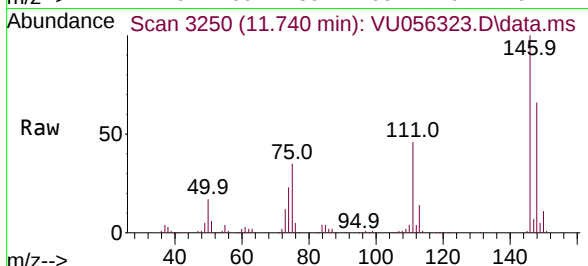
120 42.5 34.0 51.0



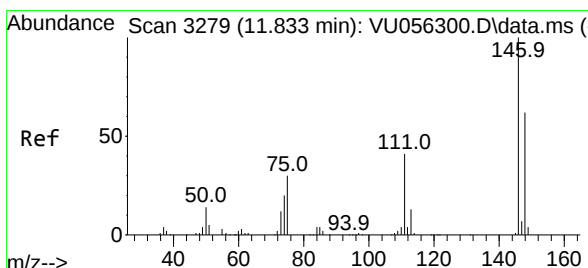
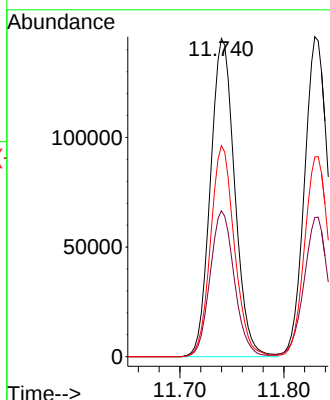
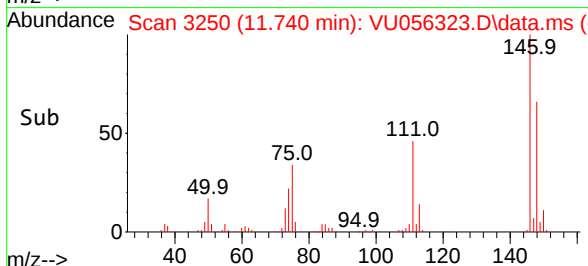


#64
1,3-Dichlorobenzene
Concen: 5.364 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19

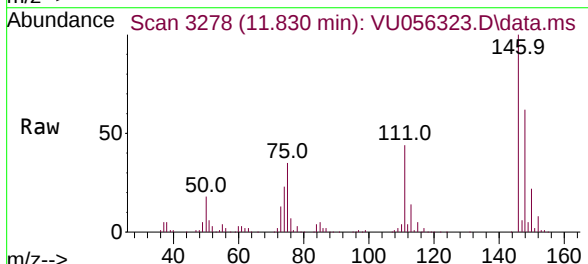
Instrument :
MSVOA_U
ClientSampleId :



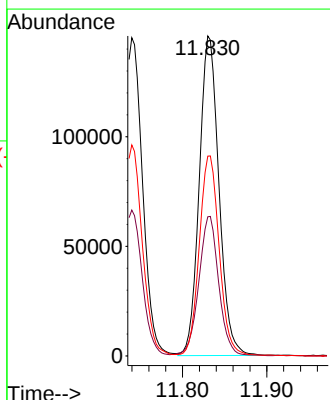
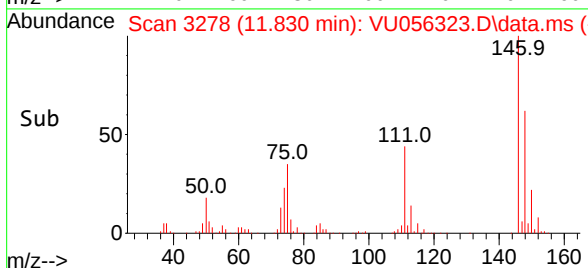
Tgt Ion:146 Resp: 235536
Ion Ratio Lower Upper
146 100
111 45.9 31.1 57.7
148 66.3 45.1 83.9

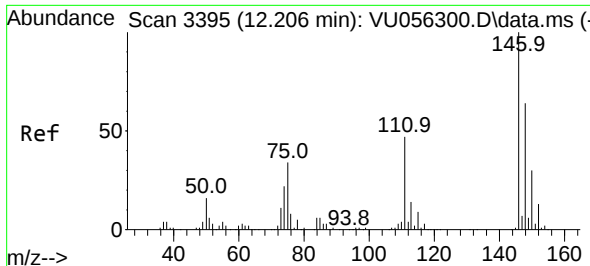


#65
1,4-Dichlorobenzene
Concen: 5.387 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056323.D
Acq: 14 Nov 2023 22:19



Tgt Ion:146 Resp: 237267
Ion Ratio Lower Upper
146 100
111 43.5 30.5 56.7
148 62.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.348 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Instrument :

MSVOA_U

ClientSampleId :

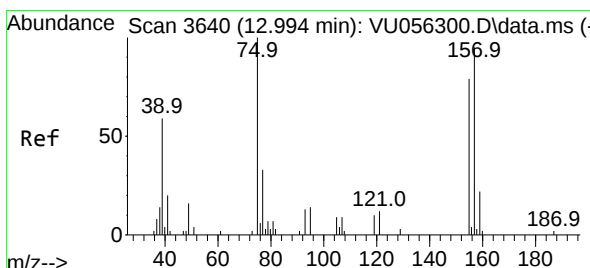
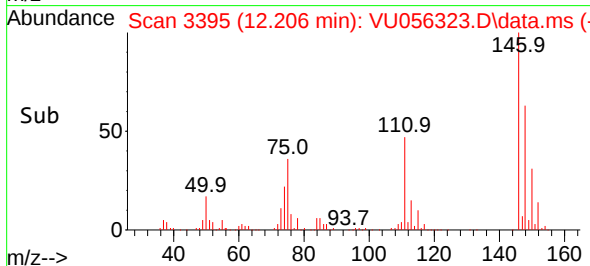
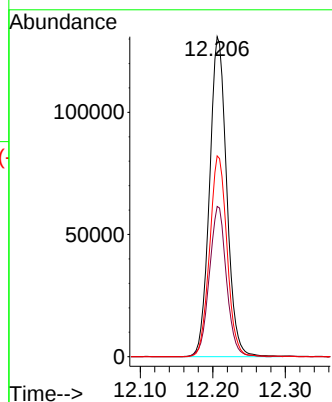
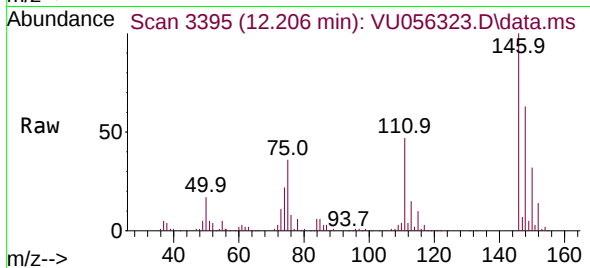
Tgt Ion:146 Resp: 215456

Ion Ratio Lower Upper

146 100

111 46.9 38.3 57.5

148 62.8 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.848 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

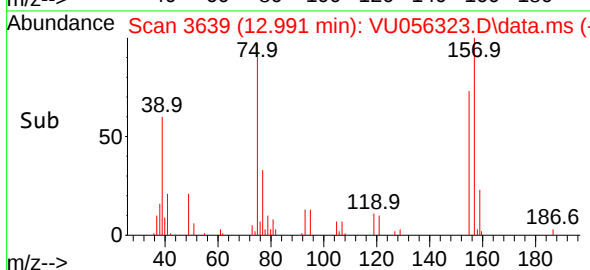
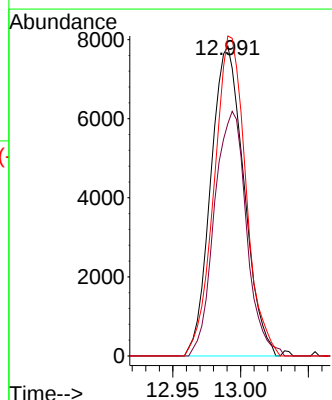
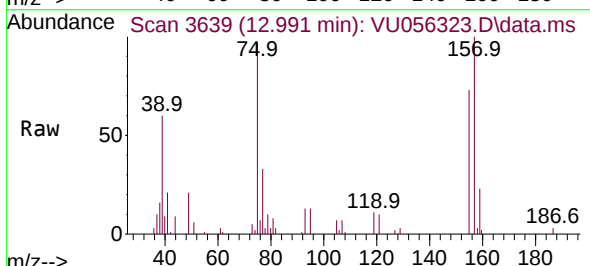
Tgt Ion: 75 Resp: 13299

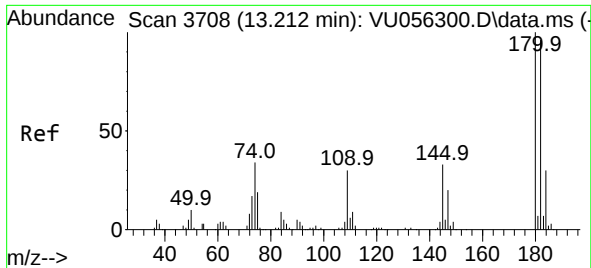
Ion Ratio Lower Upper

75 100

155 75.1 62.4 93.6

157 103.3 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 5.140 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

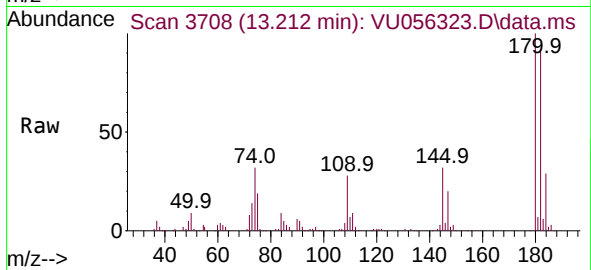
Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 169938

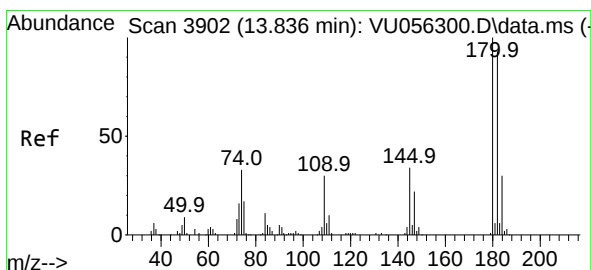
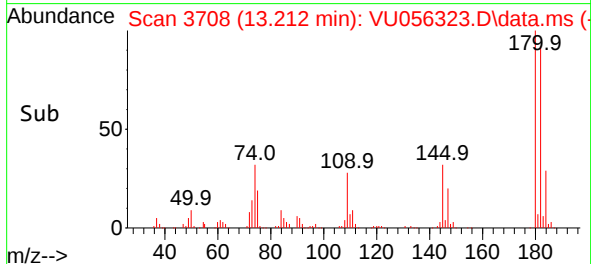
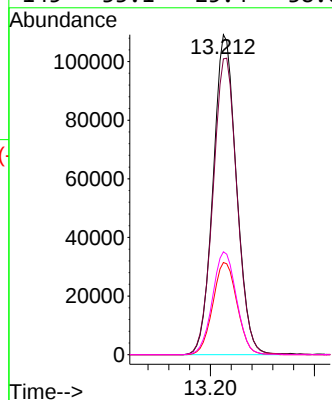
Ion Ratio Lower Upper

180 100

182 95.9 75.1 112.7

184 30.0 23.5 35.3

145 33.1 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.206 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

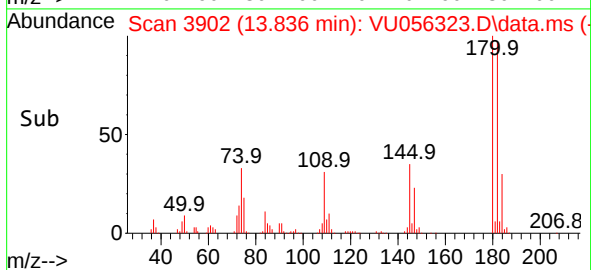
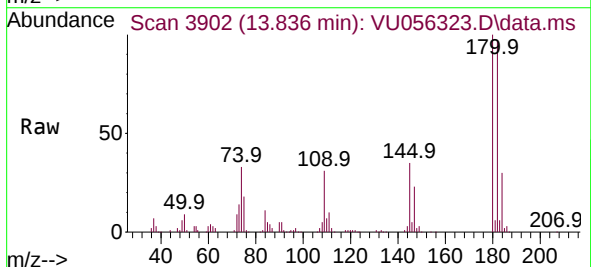
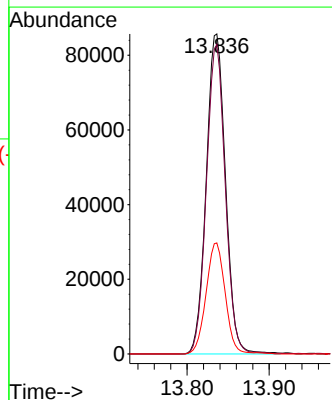
Tgt Ion:180 Resp: 140183

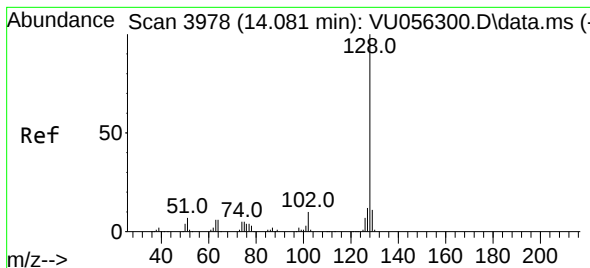
Ion Ratio Lower Upper

180 100

182 94.5 75.4 113.2

145 34.5 26.8 40.2





#71

Naphthalene

Concen: 5.381 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Instrument :

MSVOA_U

ClientSampleId :

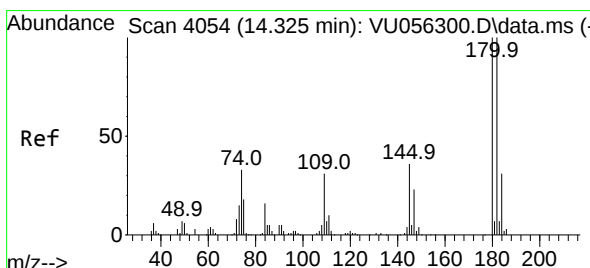
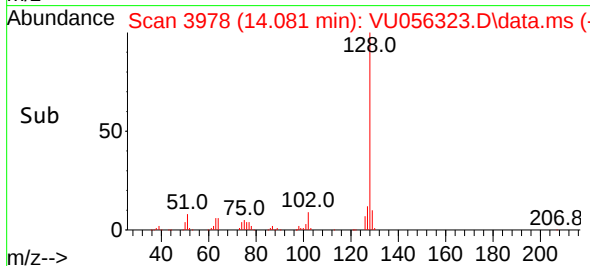
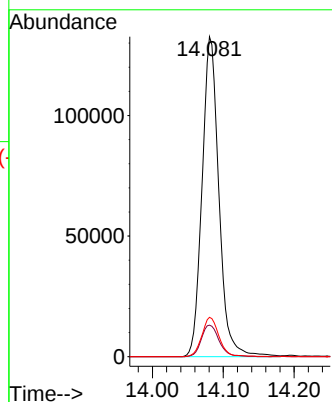
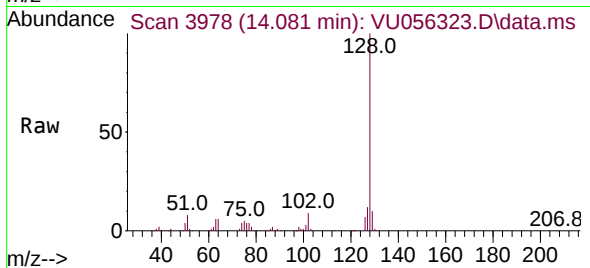
Tgt Ion:128 Resp: 218901

Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

127 12.5 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 5.357 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU056323.D

Acq: 14 Nov 2023 22:19

Tgt Ion:180 Resp: 118833

Ion Ratio Lower Upper

180 100

182 95.5 78.6 117.8

145 35.6 29.0 43.6

