

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051679.D
 Acq On : 02 Nov 2022 02:34
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 04:08:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 03:06:15 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	192367	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	196192	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	101894	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89285	6.163	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 123.200%		
7) Chloroethane-d5	1.909	69	75117	4.971	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 99.400%		
11) 1,1-Dichloroethene-d2	2.562	65	34447	6.551	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 131.000%#		
20) 2-Butanone-d5	4.623	46	197730	37.684	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 75.360%		
24) Chloroform-d	5.063	84	167096	4.929	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.600%		
26) 1,2-Dichloroethane-d4	5.700	65	82114	4.484	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 89.600%		
32) Benzene-d6	5.726	84	337242	5.447	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.000%		
36) 1,2-Dichloropropane-d6	6.690	67	105203	4.859	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 97.200%		
41) Toluene-d8	7.896	98	308280	6.332	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 126.600%		
43) trans-1,3-Dichloroprop...	8.179	79	34841	5.263	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 105.200%		
46) 2-Hexanone-d5	8.632	63	171932	43.146	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 86.300%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	92203	4.648	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 93.000%		
66) 1,2-Dichlorobenzene-d4	12.192	152	101731	5.440	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.800%		
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	113520	5.396	ug/L	98
3) Chloromethane	1.526	50	131080	4.943	ug/L	99
5) Vinyl chloride	1.604	62	135212	5.323	ug/L #	80
6) Bromomethane	1.851	94	61650	5.118	ug/L	97
8) Chloroethane	1.928	64	80771	5.236	ug/L	98
9) Trichlorofluoromethane	2.134	101	155685	5.583	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	90224	5.503	ug/L	99
12) 1,1-Dichloroethene	2.578	96	87845	5.253	ug/L	93
13) Acetone	2.629	43	138809	52.140	ug/L	99
14) Carbon disulfide	2.790	76	282407	5.238	ug/L	99
15) Methyl Acetate	2.951	43	36851	5.287	ug/L	95
16) Methylene chloride	3.044	84	125897	4.596	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	208436	5.436	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	96801	5.394	ug/L	98
19) 1,1-Dichloroethane	3.867	63	186503	5.634	ug/L	98
21) 2-Butanone	4.703	43	233919	56.107	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	106449	5.360	ug/L	97
23) Bromochloromethane	4.973	128	51190	5.513	ug/L	96
25) Chloroform	5.086	83	192083	5.593	ug/L	98

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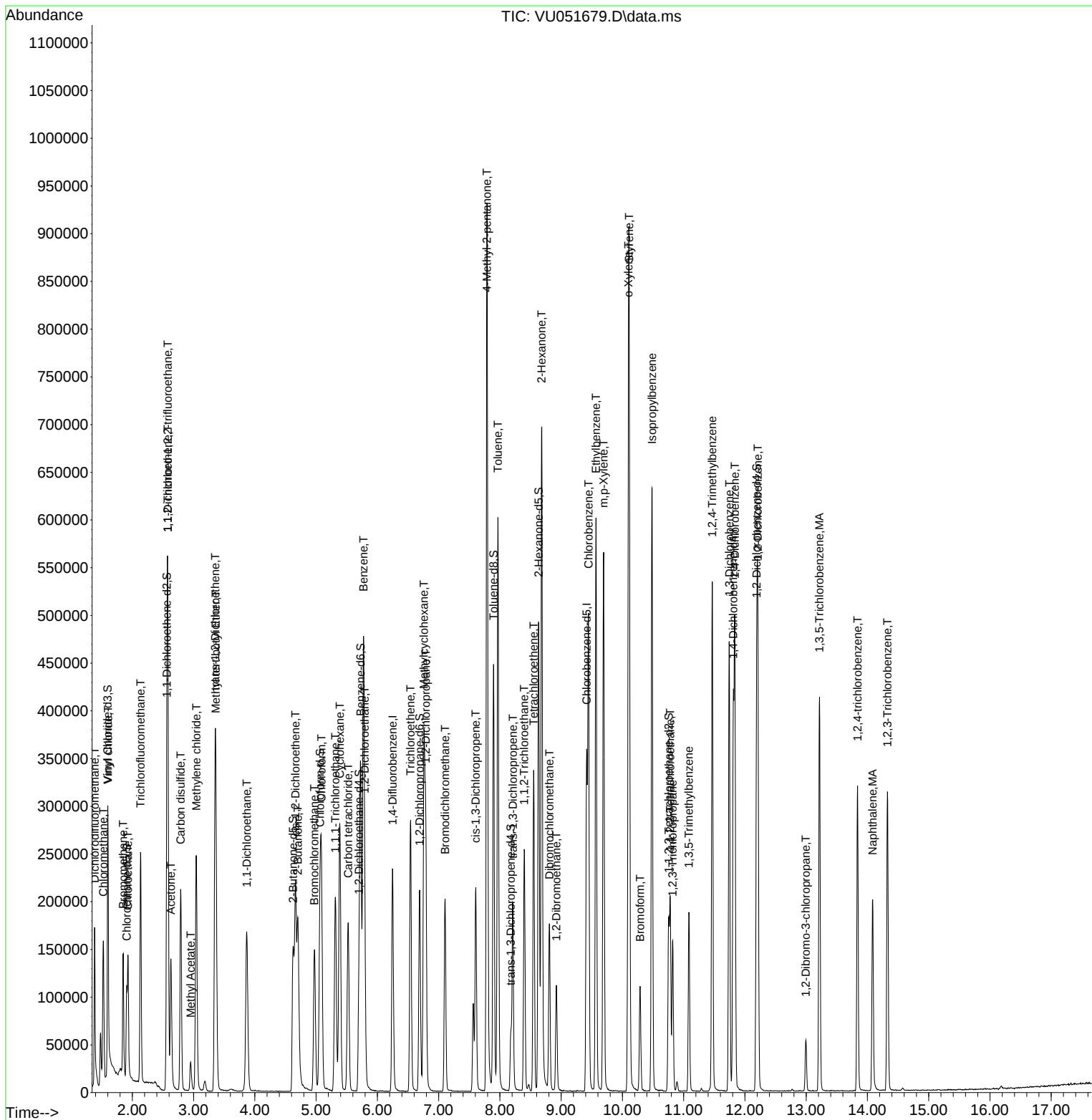
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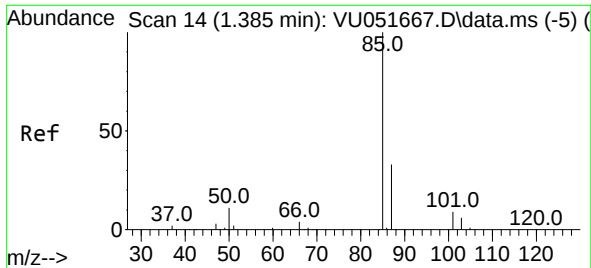
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	116076	5.492	ug/L	96
29) 1,1,1-Trichloroethane	5.314	97	148867	5.589	ug/L	100
30) Cyclohexane	5.385	56	130508	5.321	ug/L	99
31) Carbon tetrachloride	5.523	117	125396	5.504	ug/L	96
33) Benzene	5.774	78	429763	5.551	ug/L	100
34) Trichloroethene	6.542	95	100621	5.385	ug/L	98
35) Methylcyclohexane	6.761	83	134767	5.217	ug/L	99
37) 1,2-Dichloropropane	6.790	63	111065	5.577	ug/L	100
38) Bromodichloromethane	7.105	83	133780	5.500	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	128803	5.042	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	570310	57.098	ug/L	100
42) Toluene	7.967	91	446584	5.616	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	111134	5.205	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	81154	5.561	ug/L	99
47) Tetrachloroethene	8.552	164	77699	5.430	ug/L	97
48) 2-Hexanone	8.681	43	421259	56.979	ug/L	99
49) Dibromochloromethane	8.809	129	91578	5.493	ug/L	99
50) 1,2-Dibromoethane	8.922	107	72543	5.510	ug/L	94
51) Chlorobenzene	9.446	112	273953	5.474	ug/L	98
52) Ethylbenzene	9.568	91	413740	5.393	ug/L	100
53) m,p-Xylene	9.693	106	164038	5.505	ug/L	96
54) o-Xylene	10.098	106	158790	5.452	ug/L	96
55) Styrene	10.111	104	277668	5.703	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	99136	5.479	ug/L	98
59) Bromoform	10.288	173	50180	5.330	ug/L	100
60) Isopropylbenzene	10.484	105	407018	5.472	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	69287	5.258	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	103503	5.169	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	294137	5.094	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	198122	5.350	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	191053	5.146	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	189531	5.254	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	14821	5.463	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	131979	5.000	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	99272	4.899	ug/L	98
71) Naphthalene	14.085	128	172943	4.572	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	100254	4.899	ug/L	99

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

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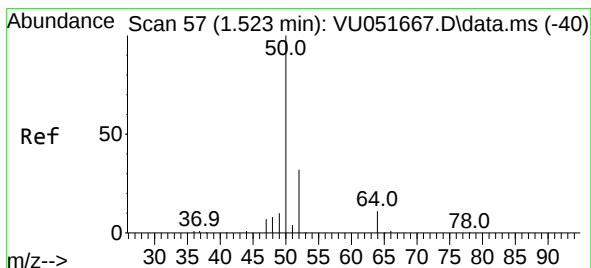
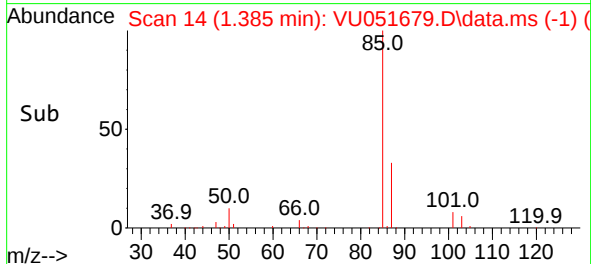
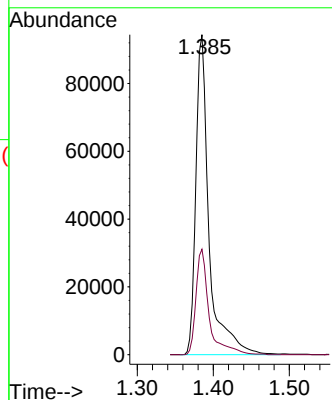
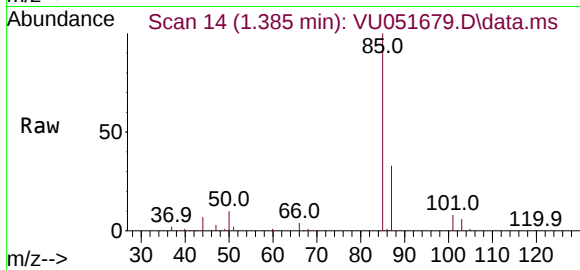




#2
Dichlorodifluoromethane
Concen: 5.396 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

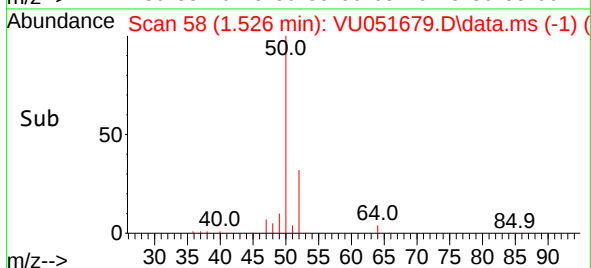
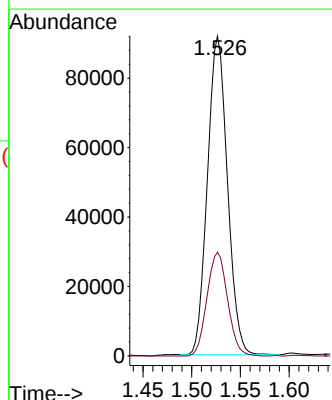
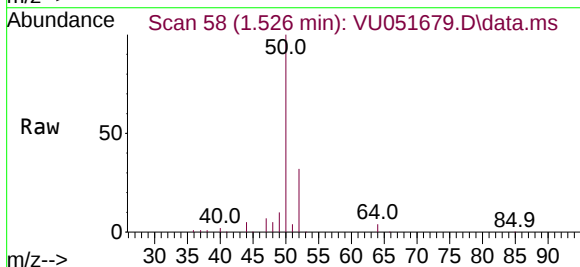
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MSVOA_U
ClientSampleId :

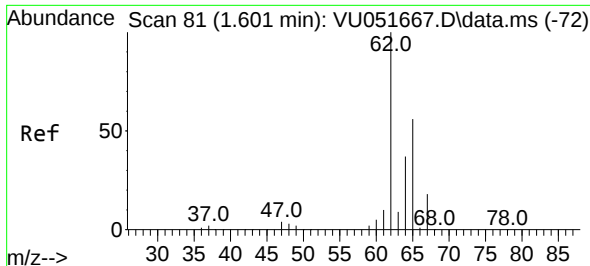
Tgt Ion: 85 Resp: 113520
Ion Ratio Lower Upper
85 100
87 33.1 25.7 38.5



#3
Chloromethane
Concen: 4.943 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

Tgt Ion: 50 Resp: 131080
Ion Ratio Lower Upper
50 100
52 32.5 23.2 43.2

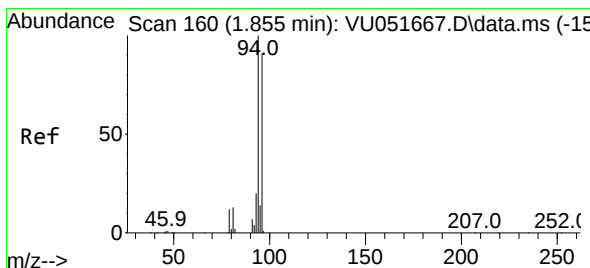
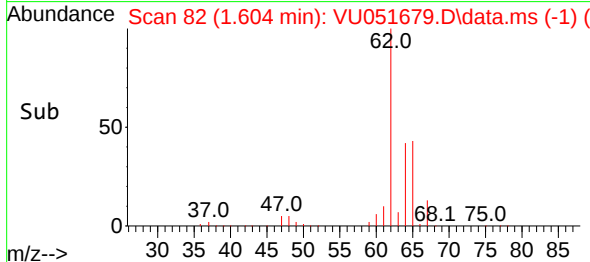
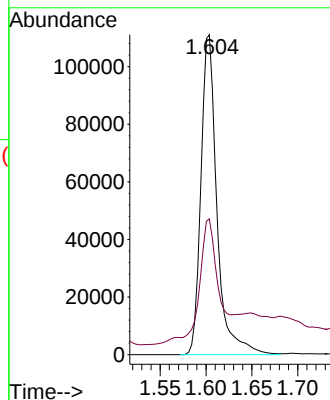
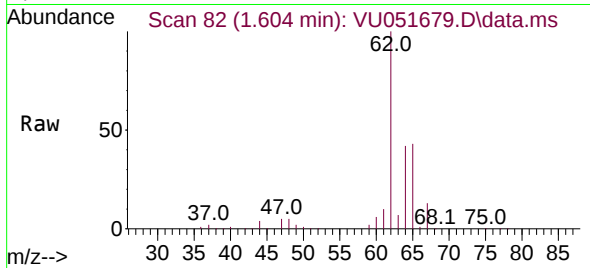




#5
 Vinyl chloride
 Concen: 5.323 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU051679.D
 Acq: 02 Nov 2022 02:34

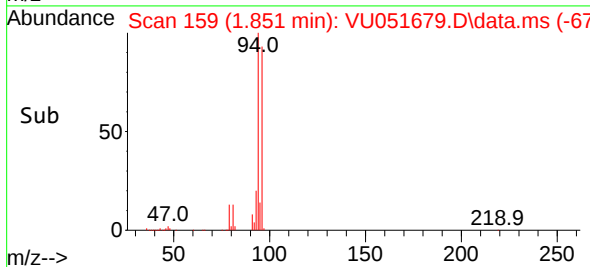
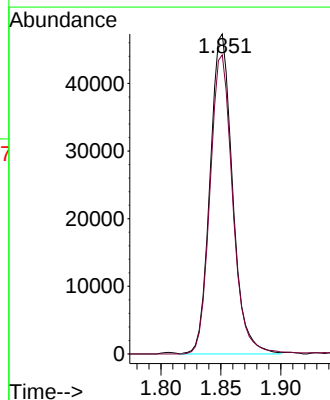
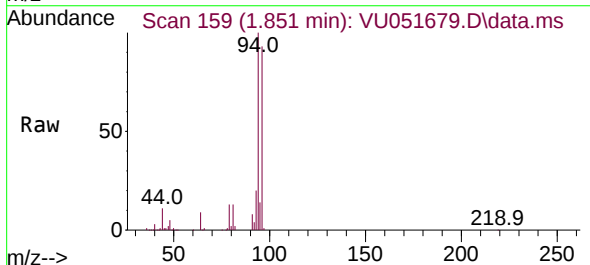
Instrument :
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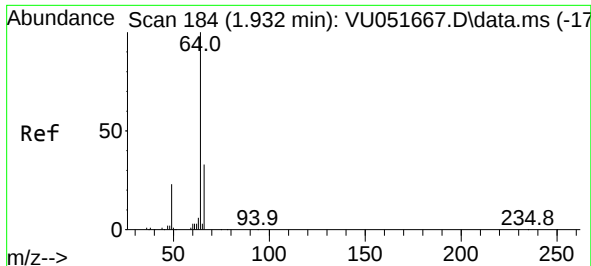
Tgt Ion: 62 Resp: 135212
 Ion Ratio Lower Upper
 62 100
 64 42.5 22.1 41.1#



#6
 Bromomethane
 Concen: 5.118 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.003 min
 Lab File: VU051679.D
 Acq: 02 Nov 2022 02:34

Tgt Ion: 94 Resp: 61650
 Ion Ratio Lower Upper
 94 100
 96 93.4 63.2 117.4

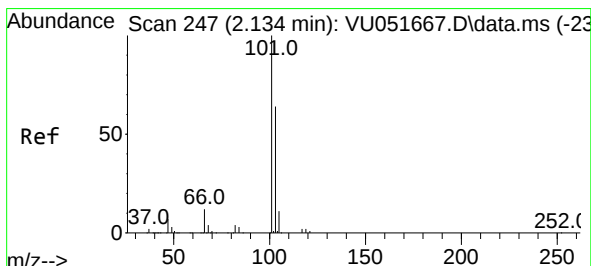
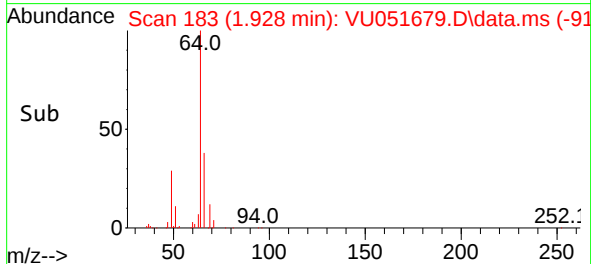
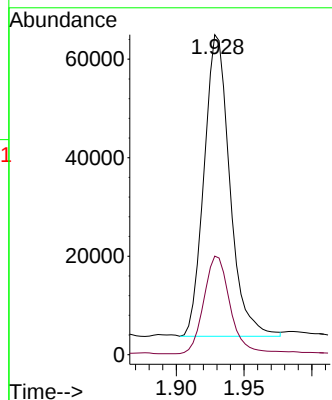
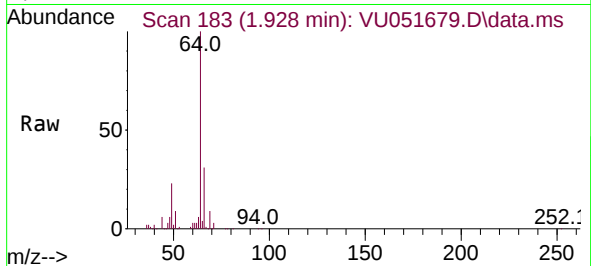




#8
Chloroethane
Concen: 5.236 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

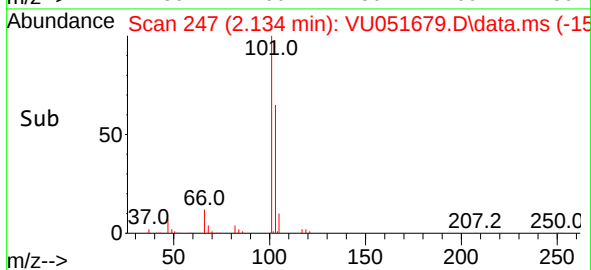
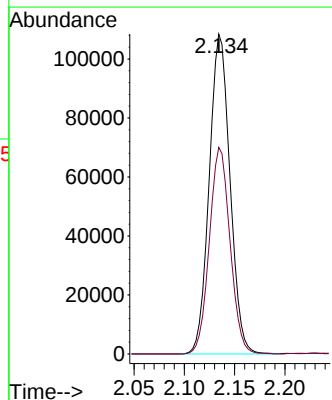
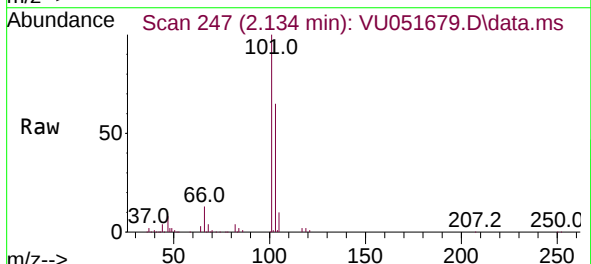
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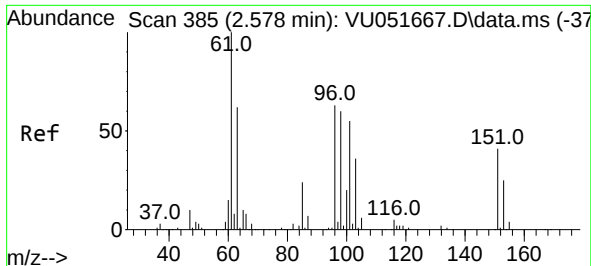
Tgt Ion: 64 Resp: 80771
Ion Ratio Lower Upper
64 100
66 30.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.583 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

Tgt Ion: 101 Resp: 155685
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.6

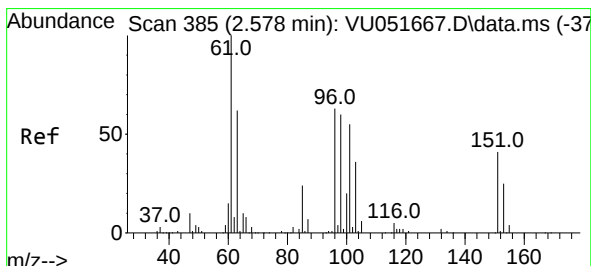
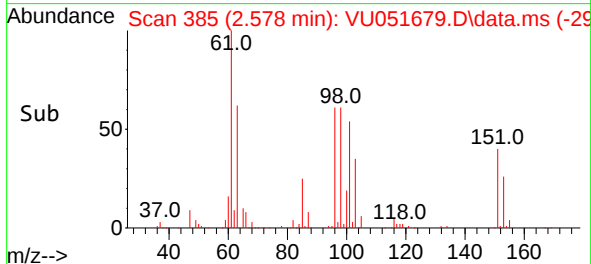
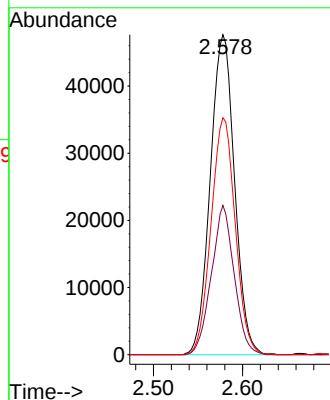
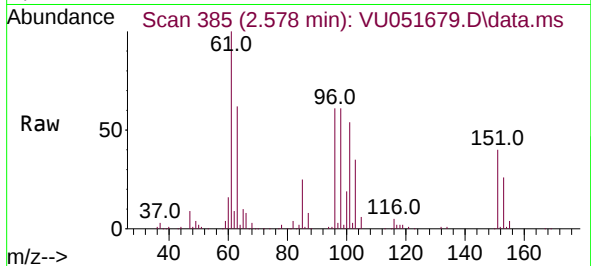




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.503 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051679.D
 Acq: 02 Nov 2022 02:34

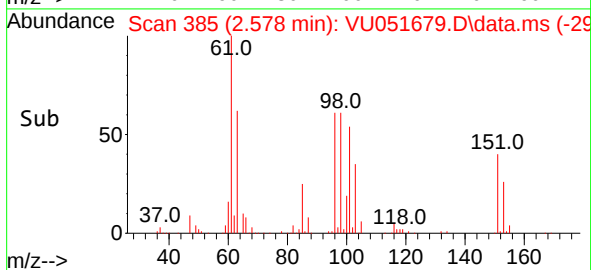
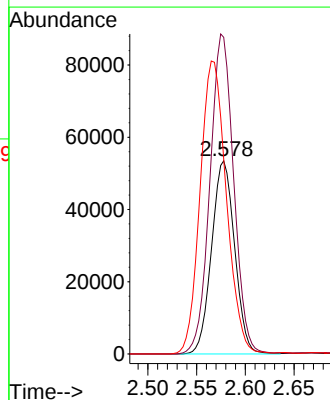
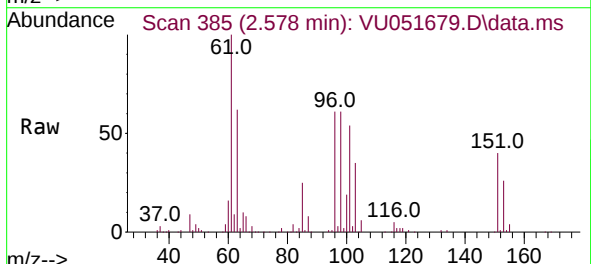
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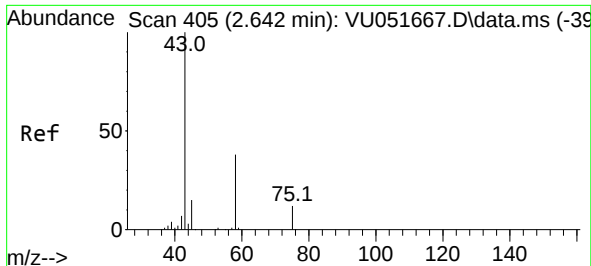
Tgt Ion:101 Resp: 90224
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.6 53.4
 151 73.8 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 5.253 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051679.D
 Acq: 02 Nov 2022 02:34

Tgt Ion: 96 Resp: 87845
 Ion Ratio Lower Upper
 96 100
 61 164.1 108.8 202.0
 63 101.0 64.9 120.5





#13

Acetone

Concen: 52.140 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.013 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

Instrument :

MSVOA_U

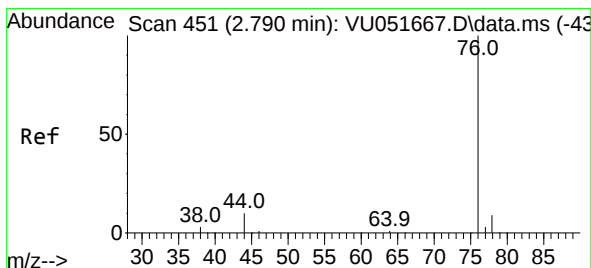
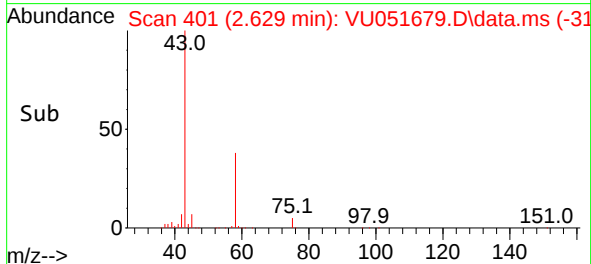
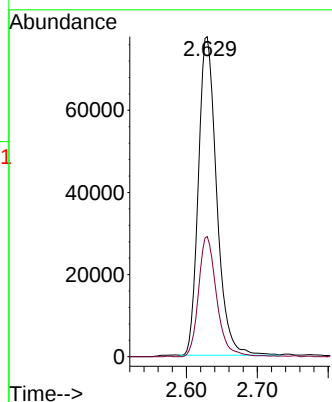
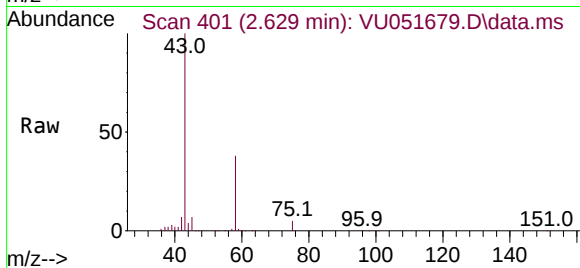
ClientSampleId :

Tgt Ion: 43 Resp: 138809

Ion Ratio Lower Upper

43 100

58 37.3 0.0 73.8



#14

Carbon disulfide

Concen: 5.238 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051679.D

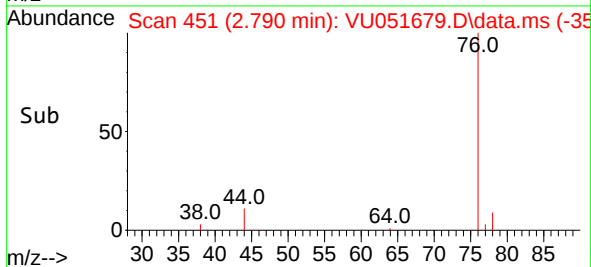
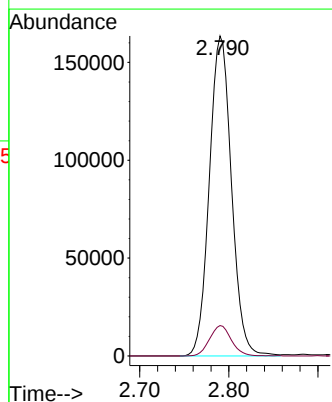
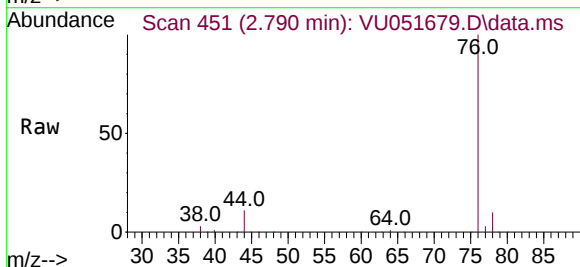
Acq: 02 Nov 2022 02:34

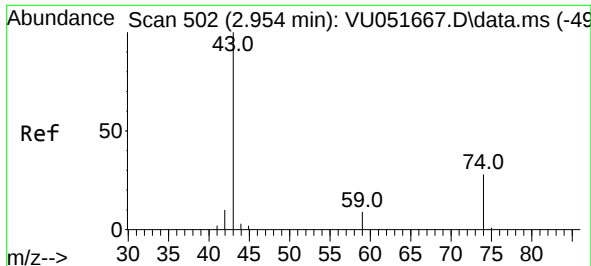
Tgt Ion: 76 Resp: 282407

Ion Ratio Lower Upper

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78 9.5 7.4 11.2

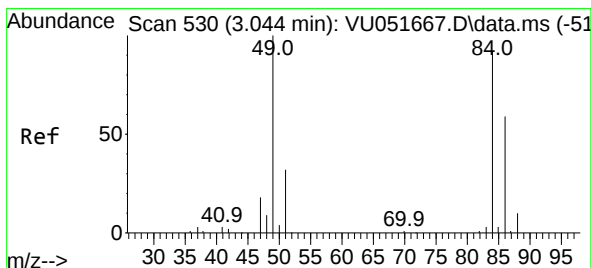
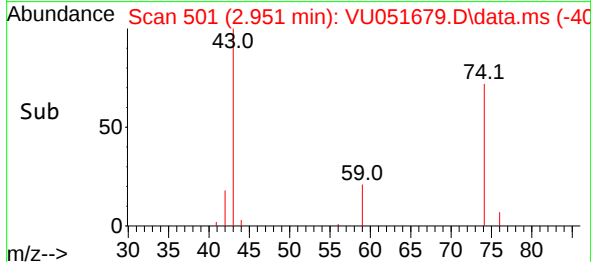
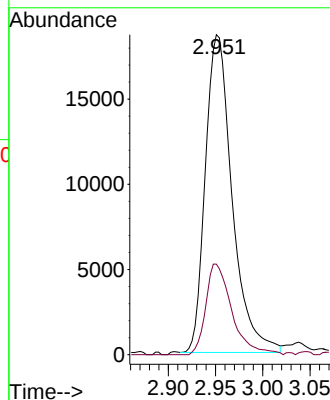
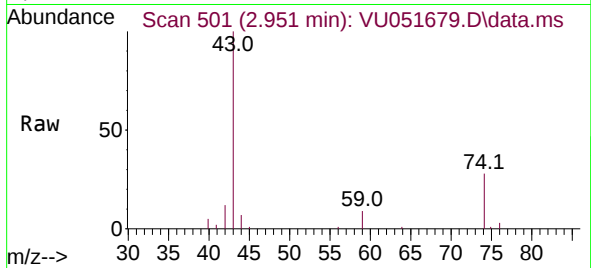




#15
Methyl Acetate
Concen: 5.287 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

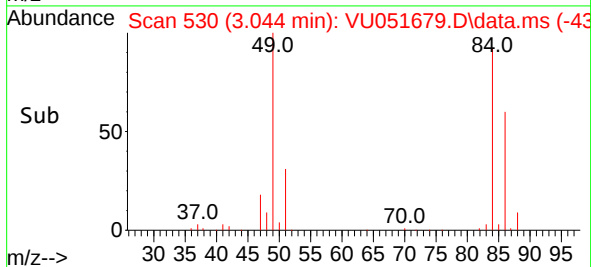
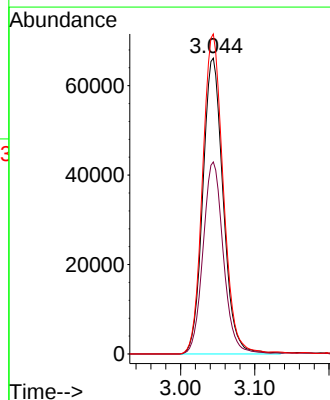
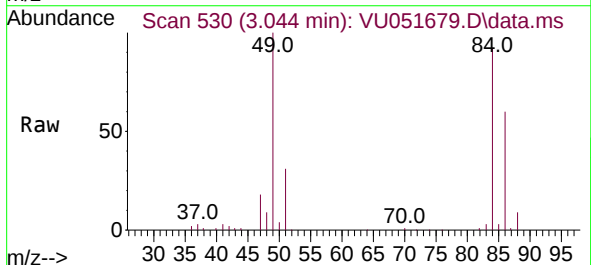
Instrument :
MSVOA_U
ClientSampleId :

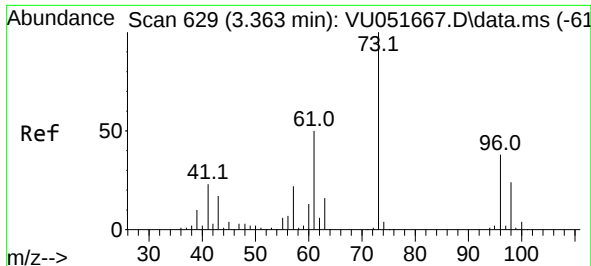
Tgt Ion: 43 Resp: 36851
Ion Ratio Lower Upper
43 100
74 27.6 20.2 30.4



#16
Methylene chloride
Concen: 4.596 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

Tgt Ion: 84 Resp: 125897
Ion Ratio Lower Upper
84 100
86 64.9 46.3 85.9
49 108.1 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.436 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

Instrument :

MSVOA_U

ClientSampleId :

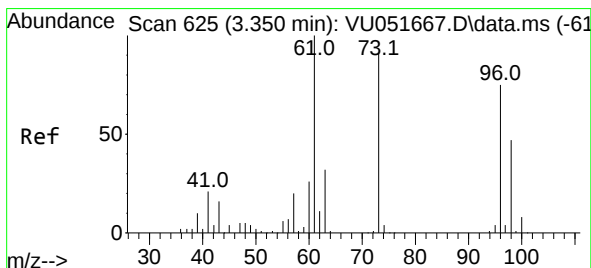
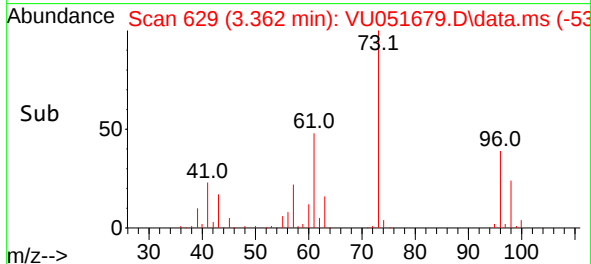
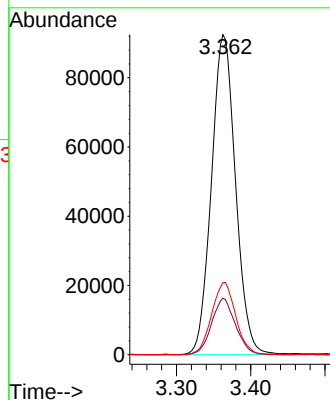
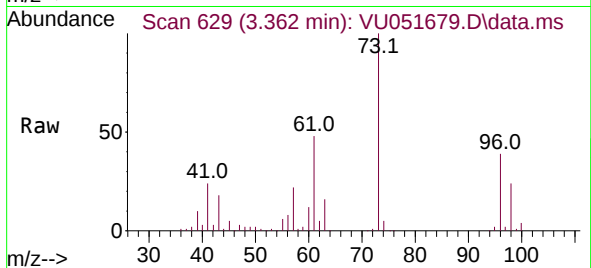
Tgt Ion: 73 Resp: 208436

Ion Ratio Lower Upper

73 100

43 17.5 13.6 20.4

57 22.6 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 5.394 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.003 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

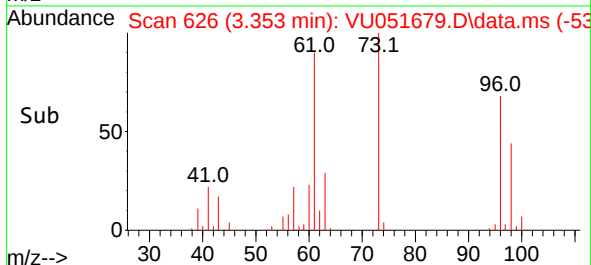
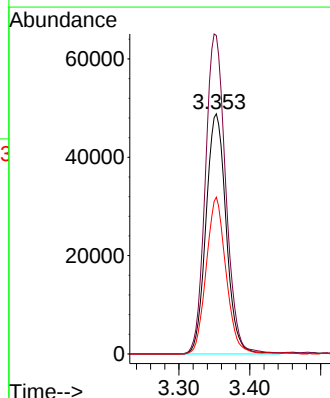
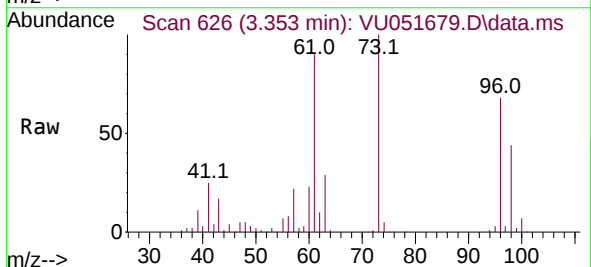
Tgt Ion: 96 Resp: 96801

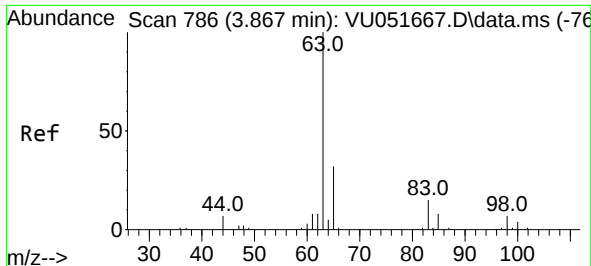
Ion Ratio Lower Upper

96 100

61 132.6 94.7 175.9

98 65.3 44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.634 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

Instrument :

MSVOA_U

ClientSampleId :

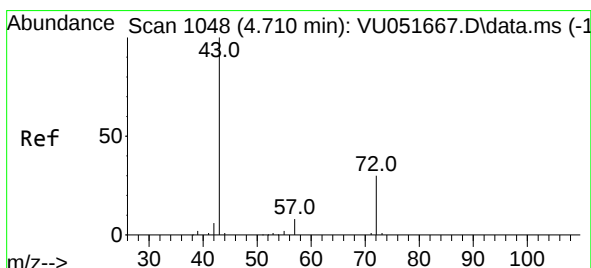
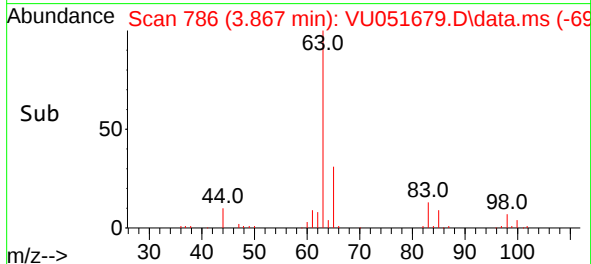
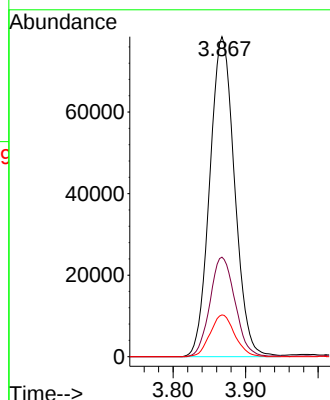
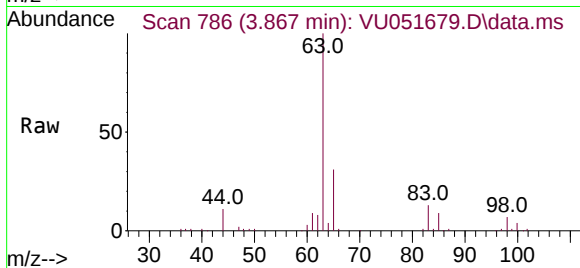
Tgt Ion: 63 Resp: 186503

Ion Ratio Lower Upper

63 100

65 31.1 22.7 42.1

83 13.1 9.2 17.0



#21

2-Butanone

Concen: 56.107 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. -0.007 min

Lab File: VU051679.D

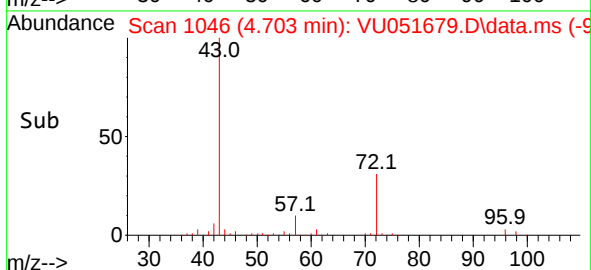
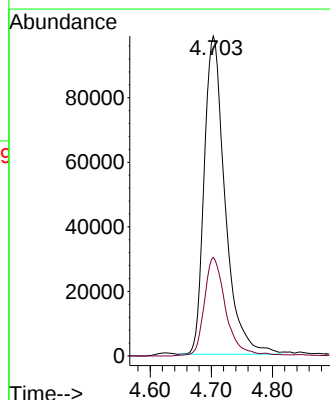
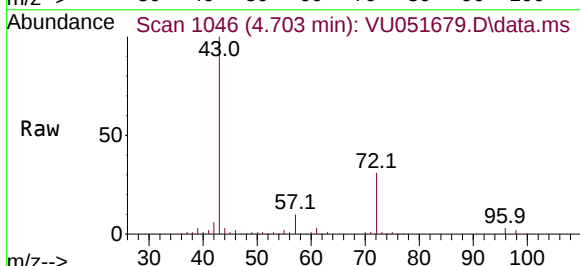
Acq: 02 Nov 2022 02:34

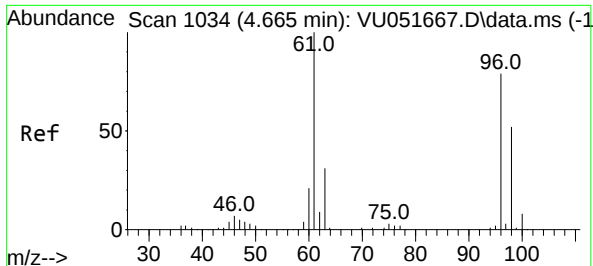
Tgt Ion: 43 Resp: 233919

Ion Ratio Lower Upper

43 100

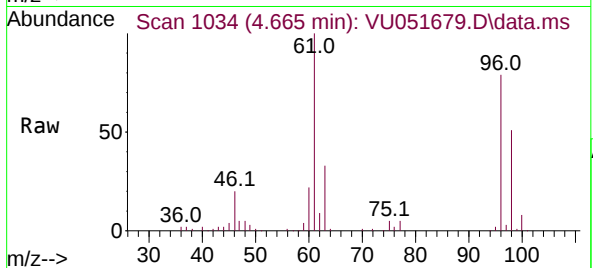
72 31.4 16.2 48.5





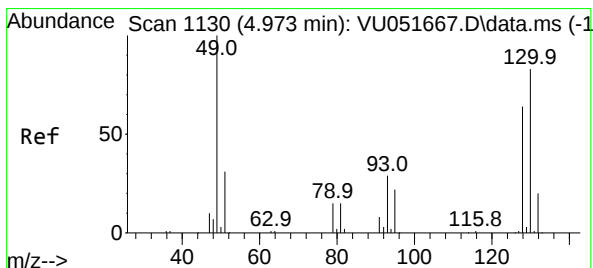
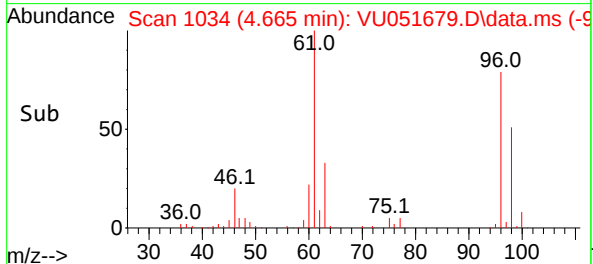
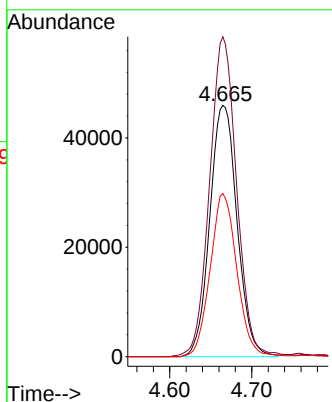
#22
 cis-1,2-Dichloroethene
 Concen: 5.360 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051679.D
 Acq: 02 Nov 2022 02:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 106449

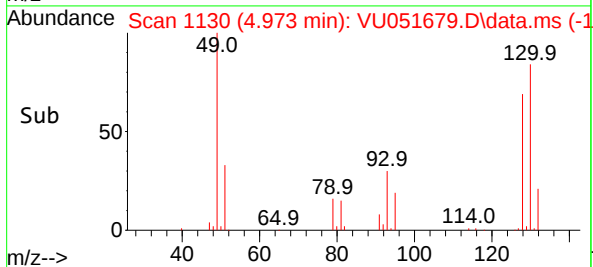
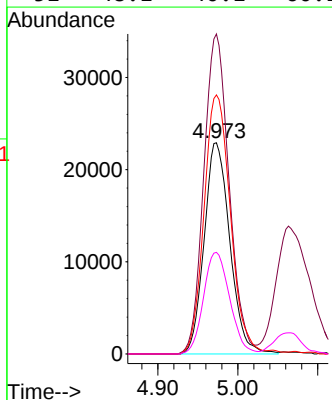
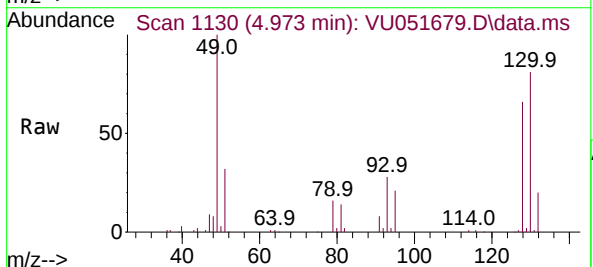
Ion	Ratio	Lower	Upper
96	100		
61	127.3	86.4	160.4
98	65.0	44.2	82.2

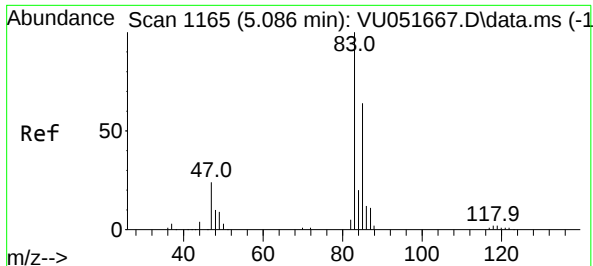


#23
 Bromochloromethane
 Concen: 5.513 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU051679.D
 Acq: 02 Nov 2022 02:34

Tgt Ion: 128 Resp: 51190

Ion	Ratio	Lower	Upper
128	100		
49	151.5	105.5	195.9
130	122.6	93.5	173.7
51	48.1	40.1	60.1





#25

Chloroform

Concen: 5.593 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

Instrument :

MSVOA_U

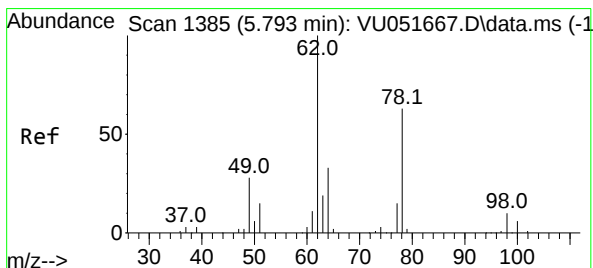
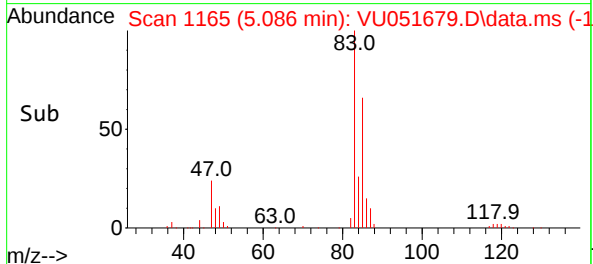
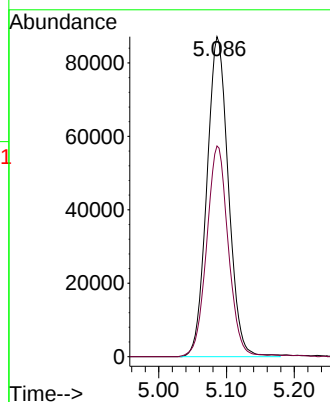
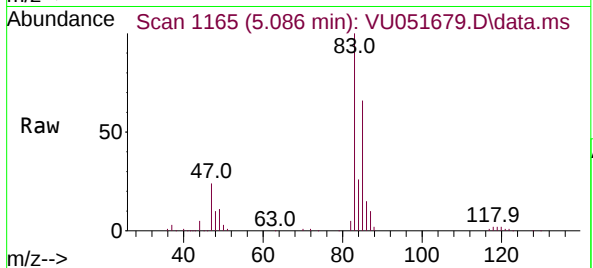
ClientSampleId :

Tgt Ion: 83 Resp: 192083

Ion Ratio Lower Upper

83 100

85 65.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.492 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051679.D

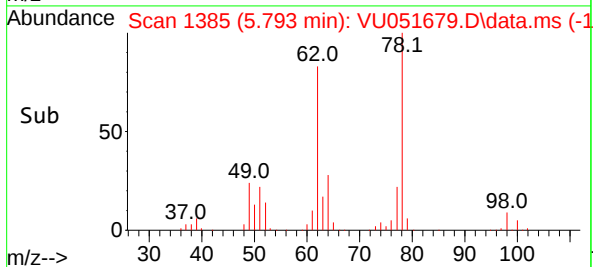
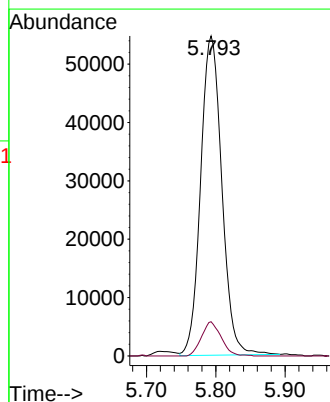
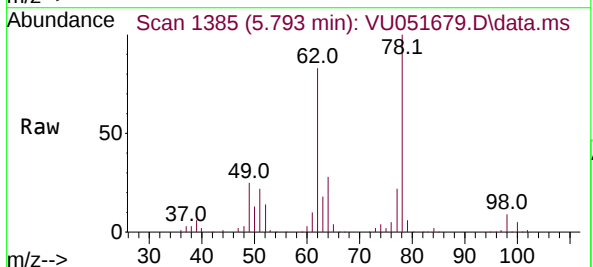
Acq: 02 Nov 2022 02:34

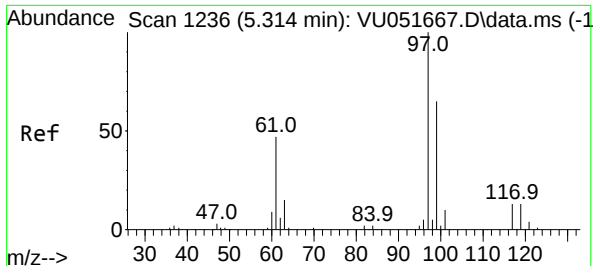
Tgt Ion: 62 Resp: 116076

Ion Ratio Lower Upper

62 100

98 10.7 7.4 11.0

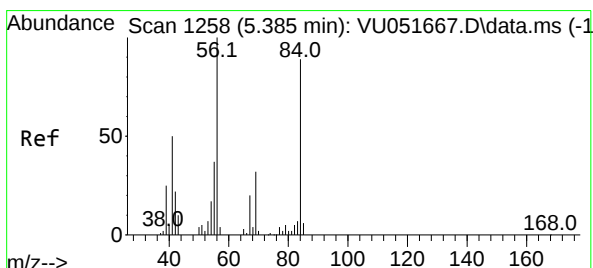
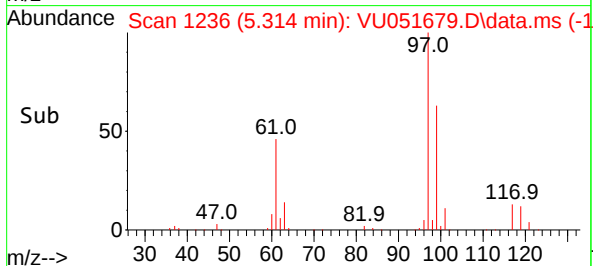
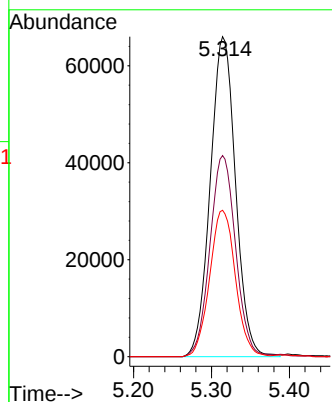
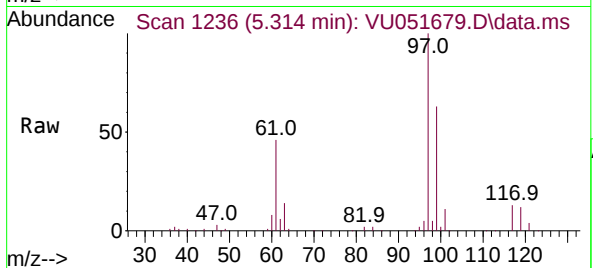




#29
1,1,1-Trichloroethane
Concen: 5.589 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

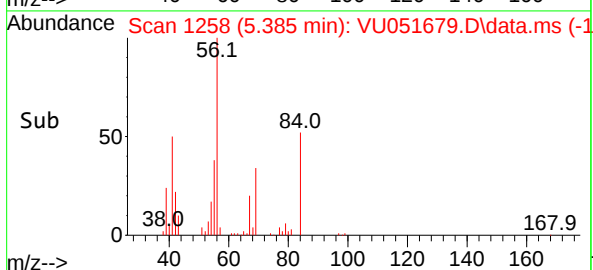
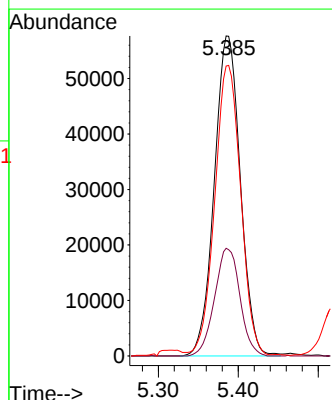
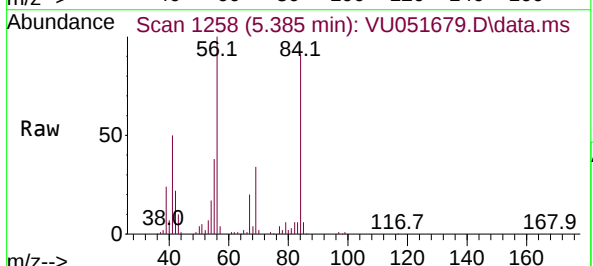
Instrument :
MSVOA_U
ClientSampleId :

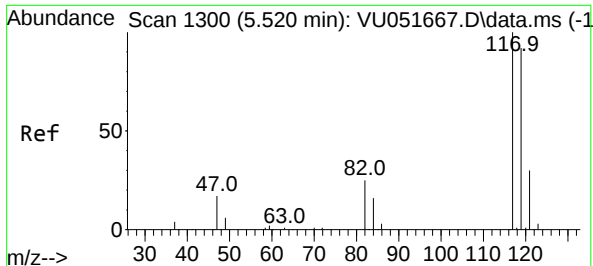
Tgt Ion: 97 Resp: 148867
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 46.6 37.4 56.0



#30
Cyclohexane
Concen: 5.321 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

Tgt Ion: 56 Resp: 130508
Ion Ratio Lower Upper
56 100
69 32.7 25.4 38.0
84 89.8 71.4 107.0

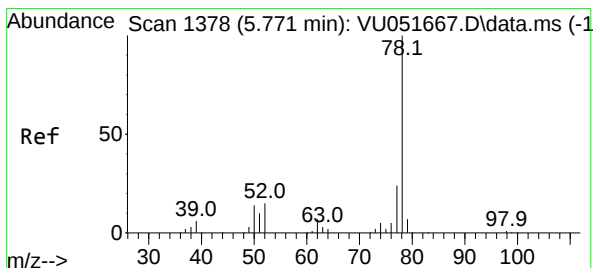
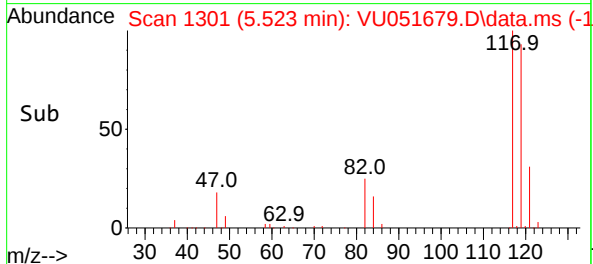
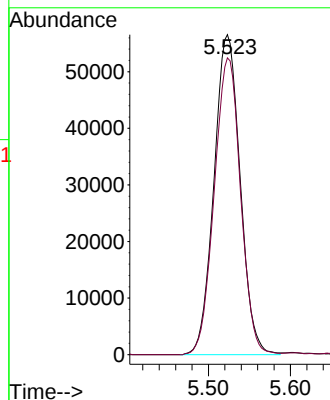
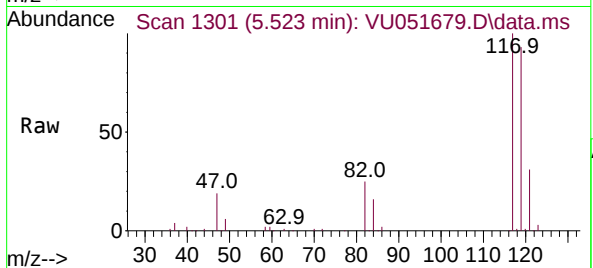




#31
Carbon tetrachloride
Concen: 5.504 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

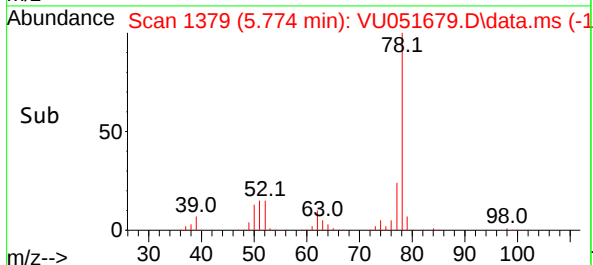
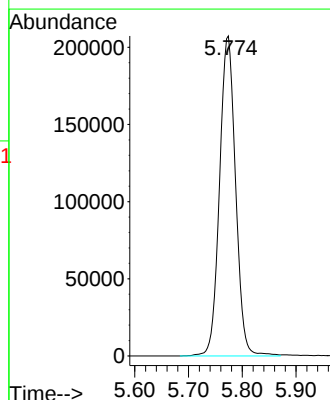
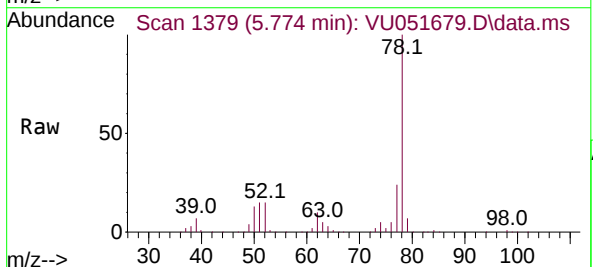
Instrument :
MSVOA_U
ClientSampleId :

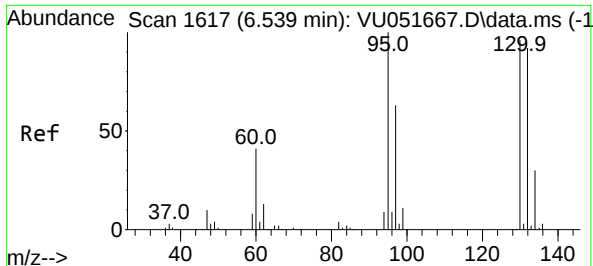
Tgt Ion:117 Resp: 125396
Ion Ratio Lower Upper
117 100
119 93.3 77.5 116.3



#33
Benzene
Concen: 5.551 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

Tgt Ion: 78 Resp: 429763

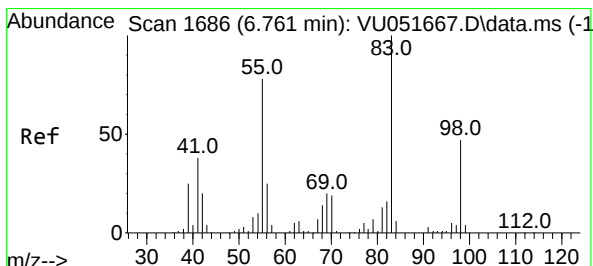
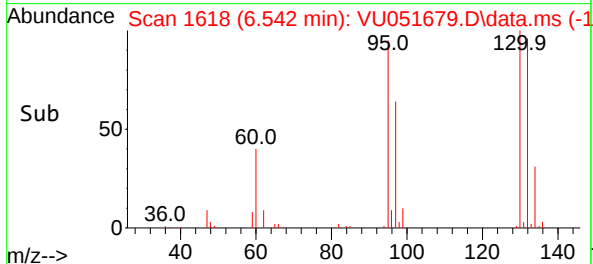
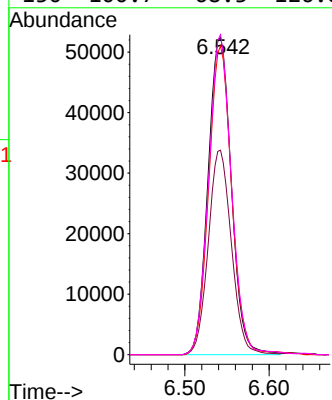
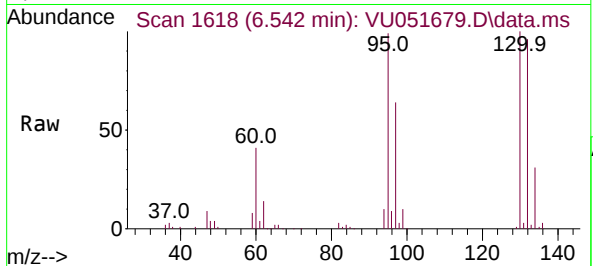




#34
Trichloroethene
Concen: 5.385 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

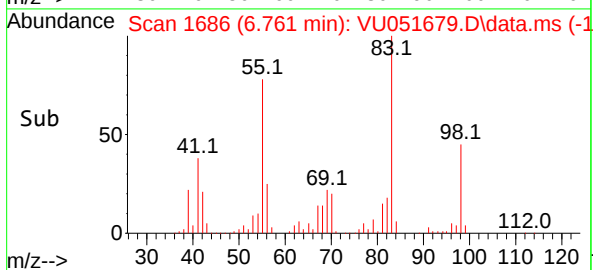
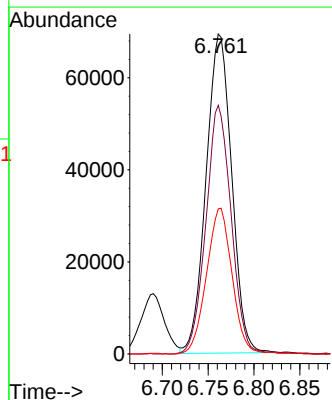
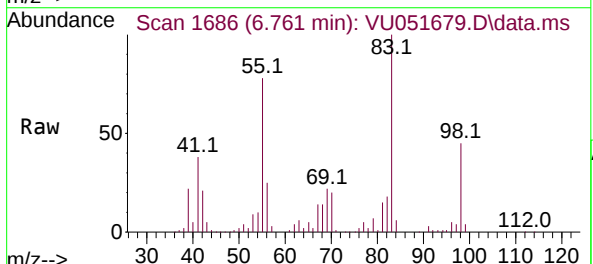
Instrument :
MSVOA_U
ClientSampleId :

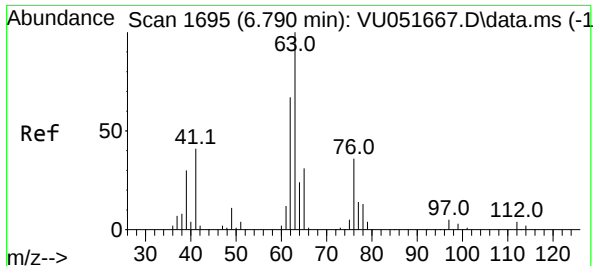
Tgt Ion: 95 Resp: 100621
Ion Ratio Lower Upper
95 100
97 64.4 45.2 84.0
132 97.2 66.5 123.5
130 100.7 68.3 126.8



#35
Methylcyclohexane
Concen: 5.217 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

Tgt Ion: 83 Resp: 134767
Ion Ratio Lower Upper
83 100
55 76.7 60.6 90.8
98 45.4 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.577 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

Instrument :

MSVOA_U

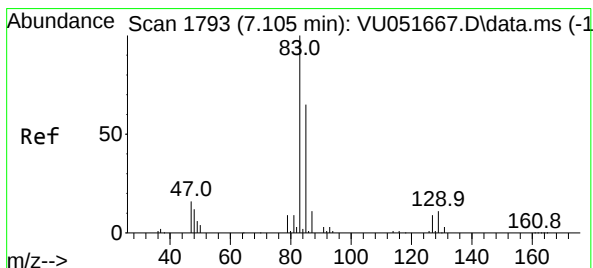
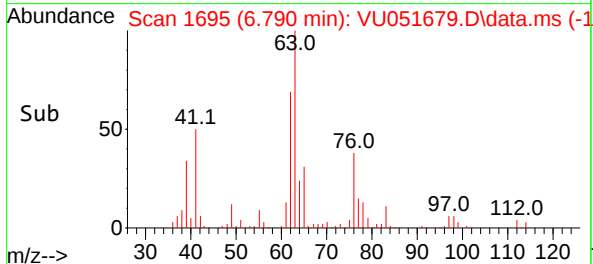
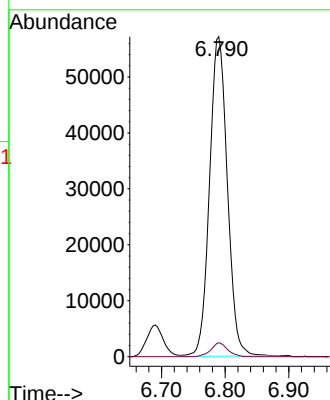
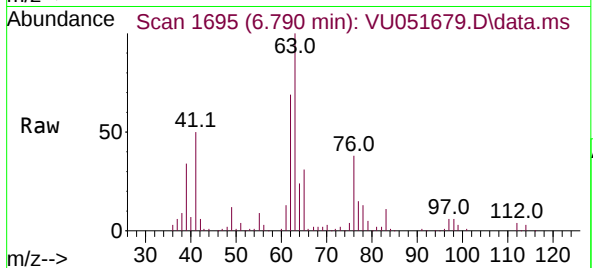
ClientSampleId :

Tgt Ion: 63 Resp: 111065

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 5.500 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

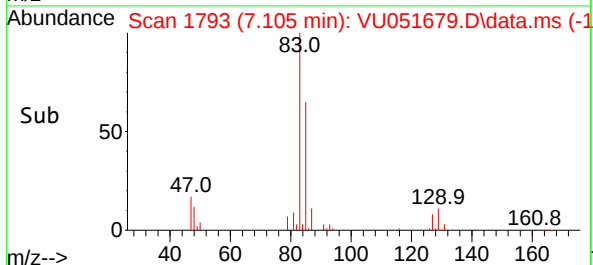
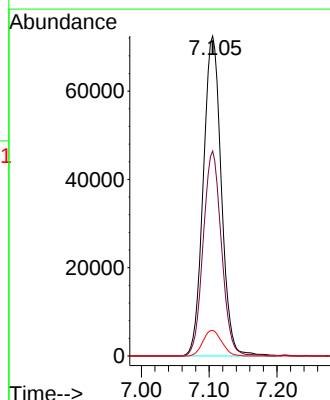
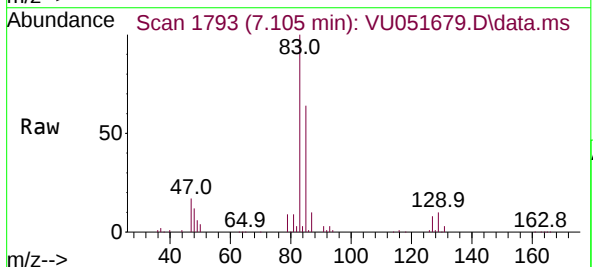
Tgt Ion: 83 Resp: 133780

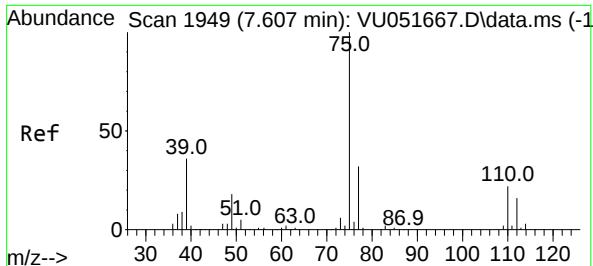
Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.7

127 8.0 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.042 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

Instrument :

MSVOA_U

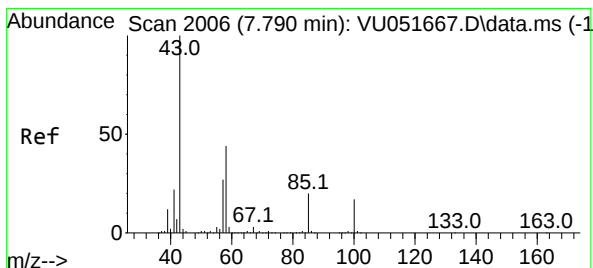
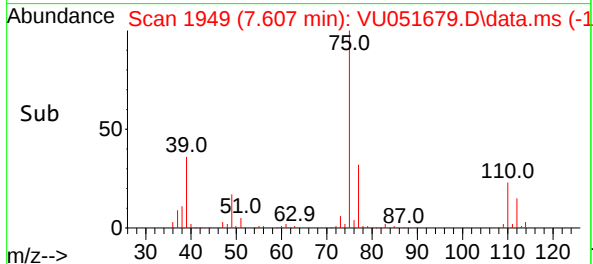
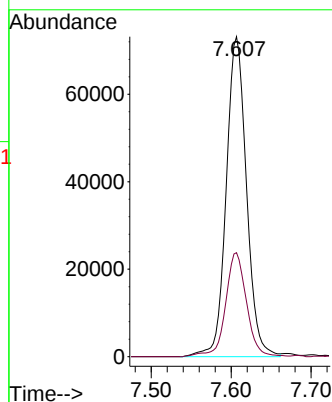
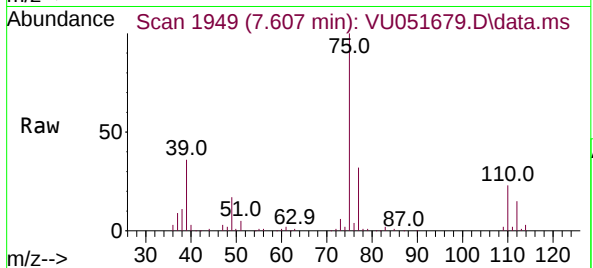
ClientSampleId :

Tgt Ion: 75 Resp: 128803

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 57.098 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

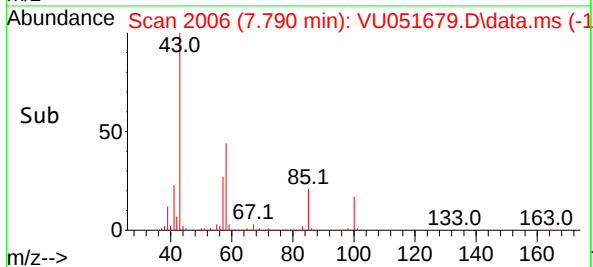
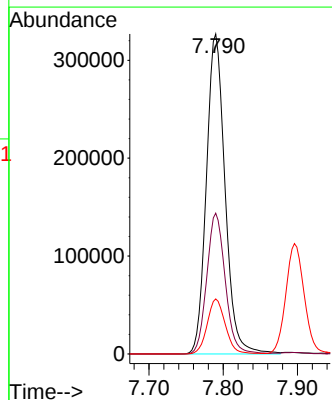
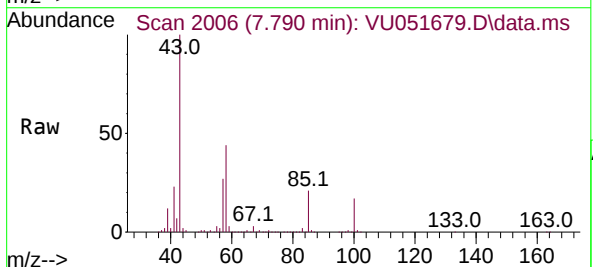
Tgt Ion: 43 Resp: 570310

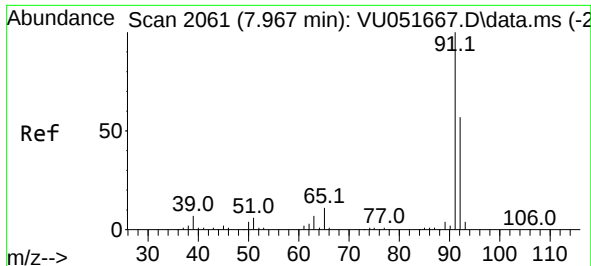
Ion Ratio Lower Upper

43 100

58 43.5 35.0 52.6

100 16.7 13.4 20.0





#42

Toluene

Concen: 5.616 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

Instrument :

MSVOA_U

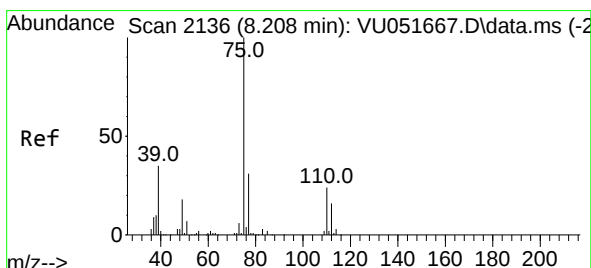
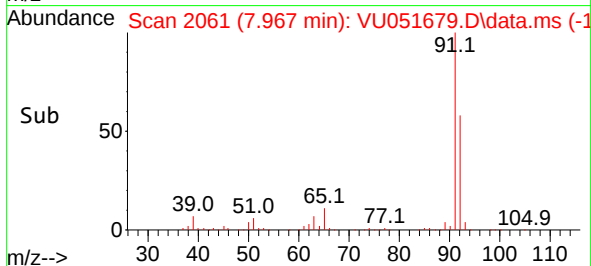
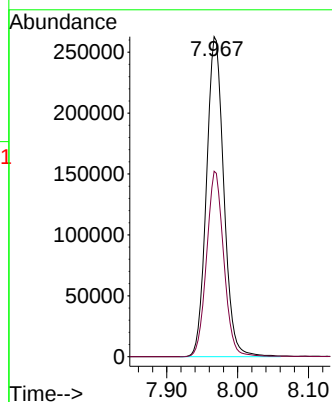
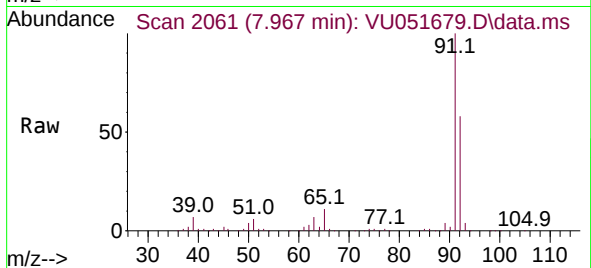
ClientSampleId :

Tgt Ion: 91 Resp: 446584

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.205 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051679.D

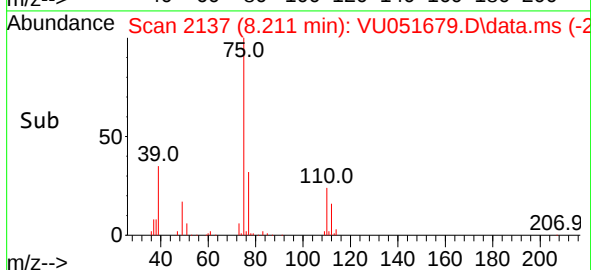
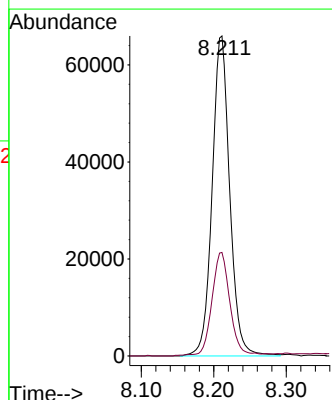
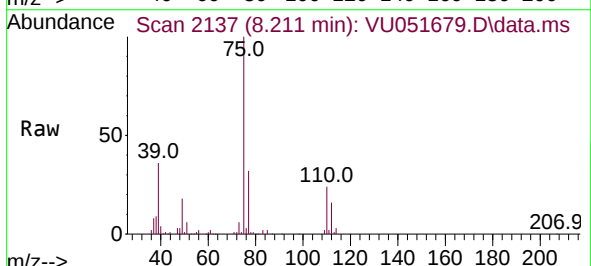
Acq: 02 Nov 2022 02:34

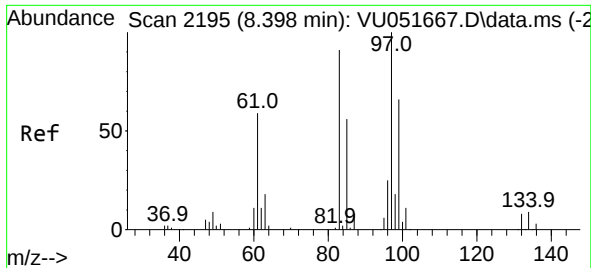
Tgt Ion: 75 Resp: 111134

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.6

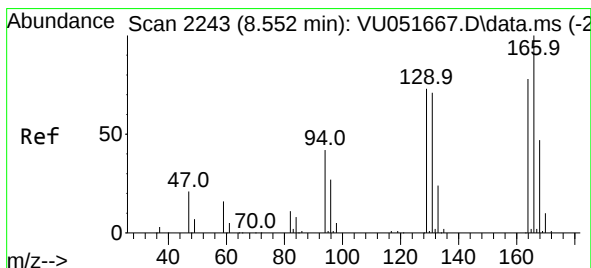
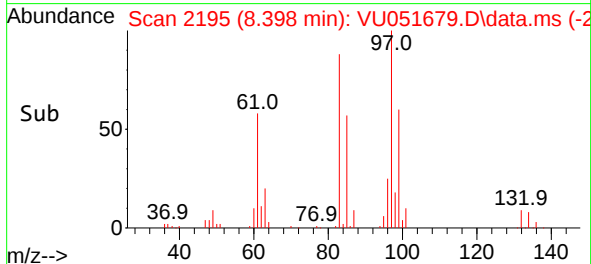
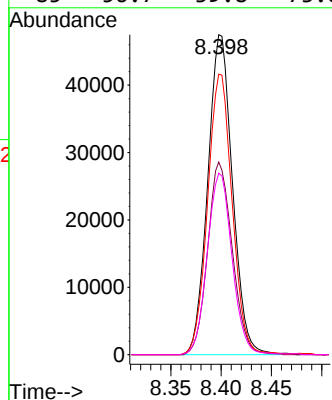
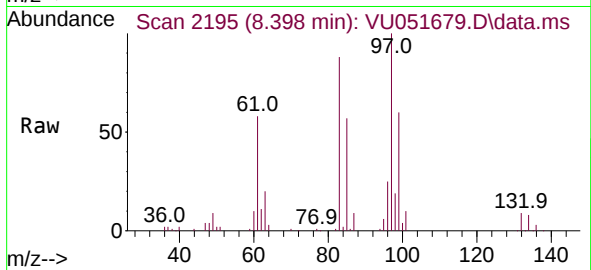




#45
1,1,2-Trichloroethane
Concen: 5.561 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

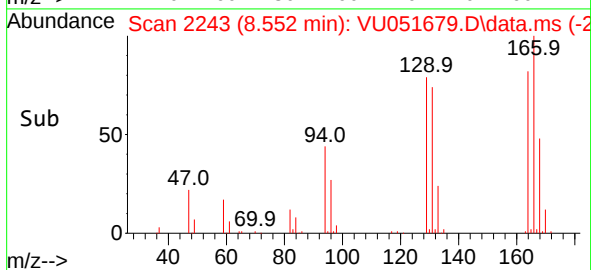
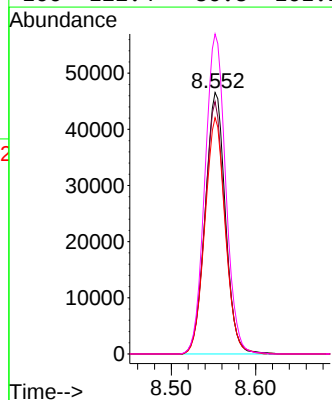
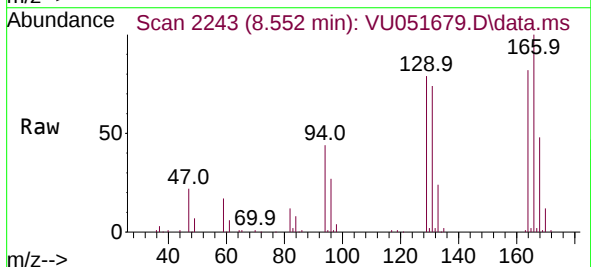
Instrument :
MSVOA_U
ClientSampleId :

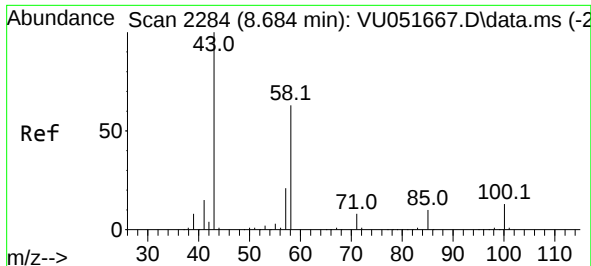
Tgt Ion:	97	Resp:	81154
Ion	Ratio	Lower	Upper
97	100		
99	60.2	43.4	80.6
83	87.6	61.3	113.9
85	56.7	39.8	73.8



#47
Tetrachloroethene
Concen: 5.430 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

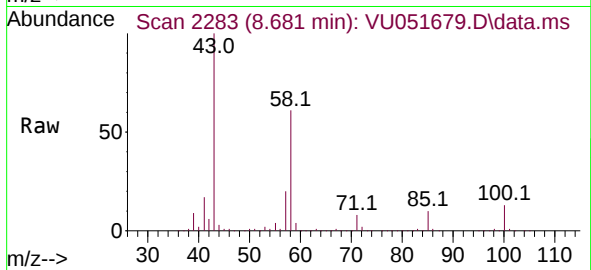
Tgt Ion:	164	Resp:	77699
Ion	Ratio	Lower	Upper
164	100		
129	96.5	64.0	118.8
131	90.4	60.7	112.7
166	122.4	86.8	161.2



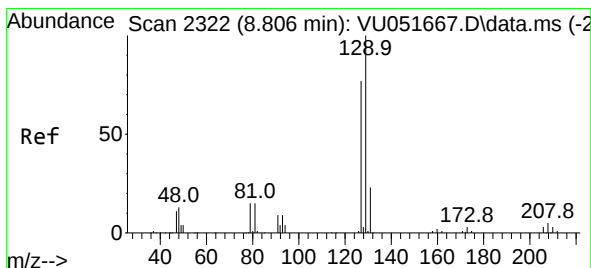
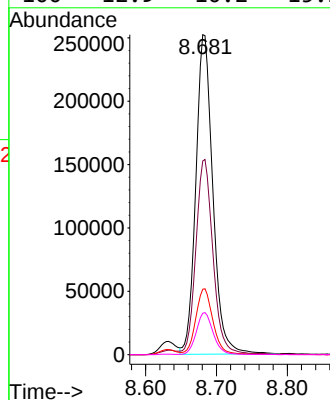
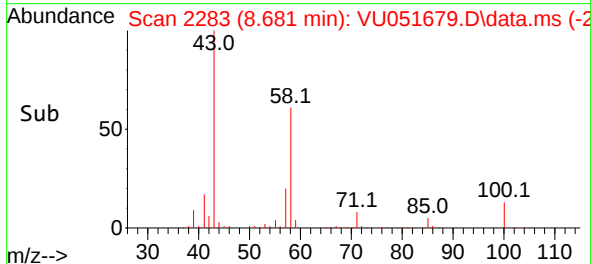


#48
2-Hexanone
Concen: 56.979 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

Instrument :
MSVOA_U
ClientSampleId :

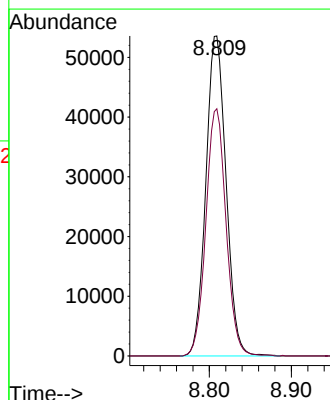
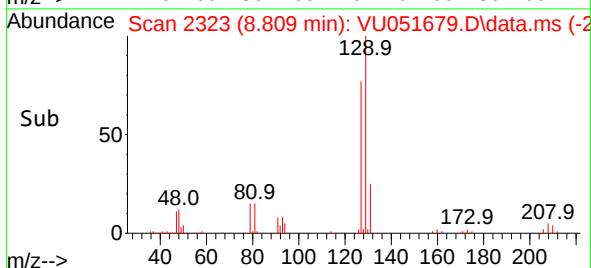
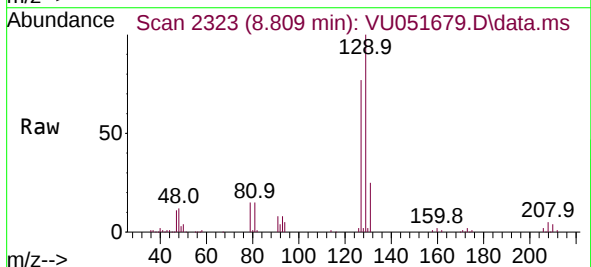


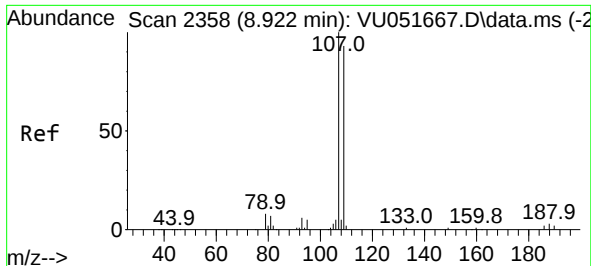
Tgt Ion: 43 Resp: 421259
Ion Ratio Lower Upper
43 100
58 61.4 48.2 72.2
57 20.8 16.6 25.0
100 12.9 10.2 15.2



#49
Dibromochloromethane
Concen: 5.493 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

Tgt Ion: 129 Resp: 91578
Ion Ratio Lower Upper
129 100
127 77.3 54.8 101.8





#50

1,2-Dibromoethane

Concen: 5.510 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

Instrument :

MSVOA_U

ClientSampleId :

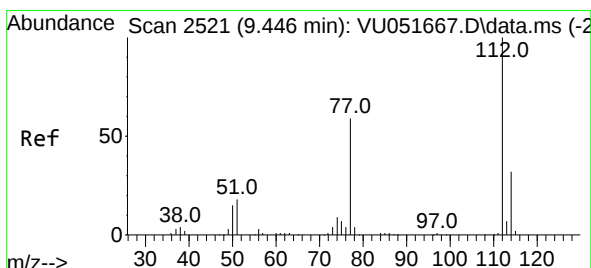
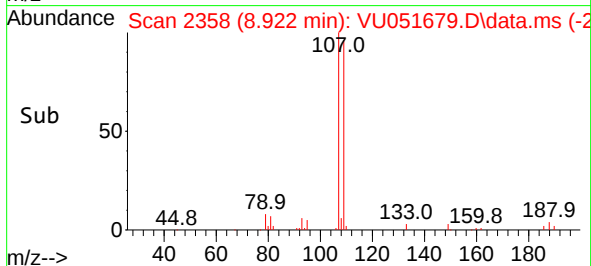
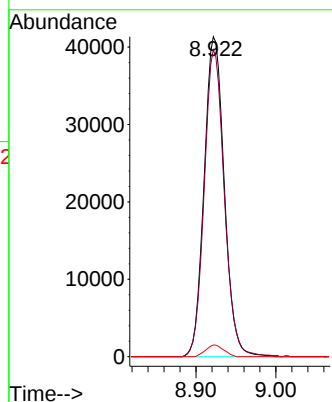
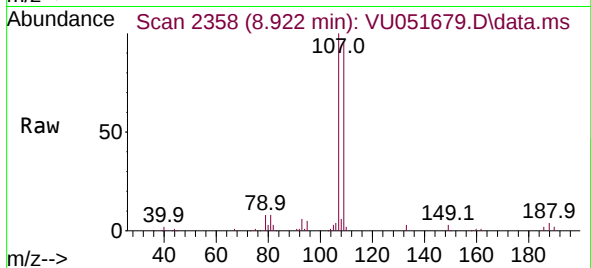
Tgt Ion:107 Resp: 72543

Ion Ratio Lower Upper

107 100

109 95.9 63.0 117.0

188 3.7 3.0 4.4



#51

Chlorobenzene

Concen: 5.474 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

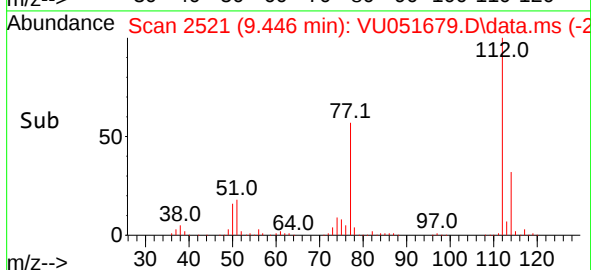
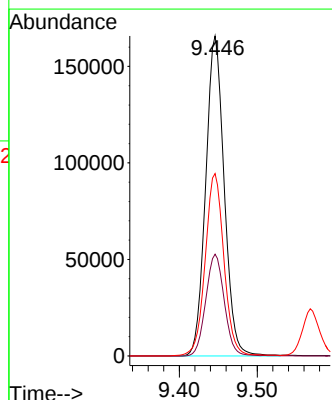
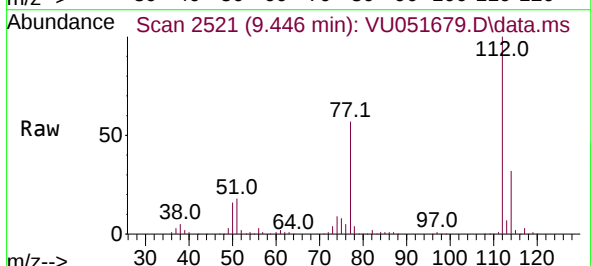
Tgt Ion:112 Resp: 273953

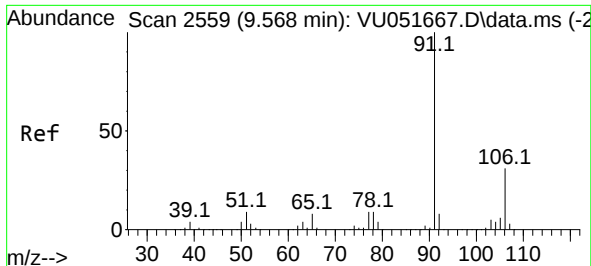
Ion Ratio Lower Upper

112 100

114 31.8 22.0 40.8

77 57.0 46.7 70.1

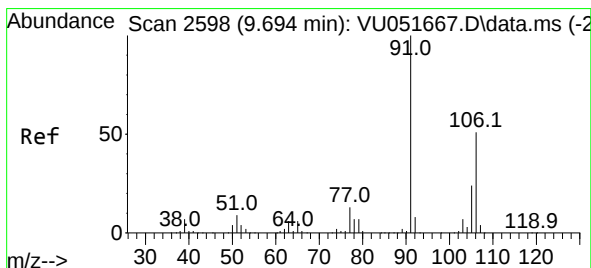
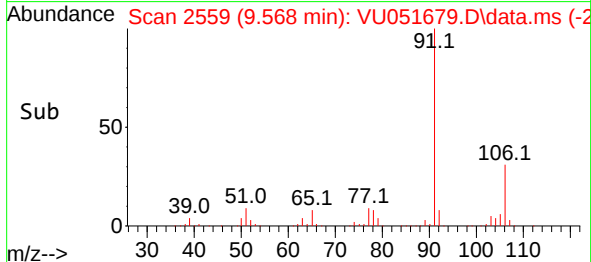
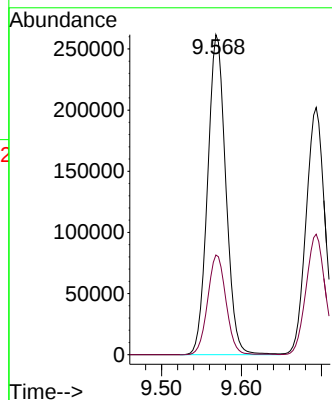
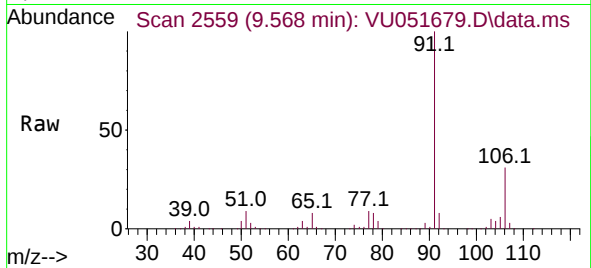




#52
Ethylbenzene
Concen: 5.393 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

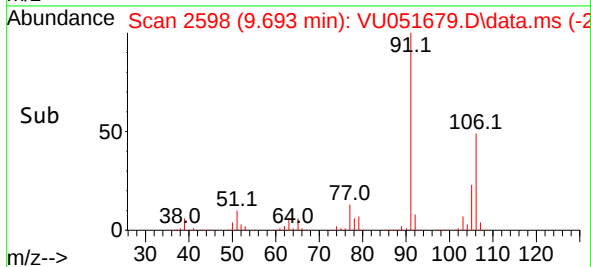
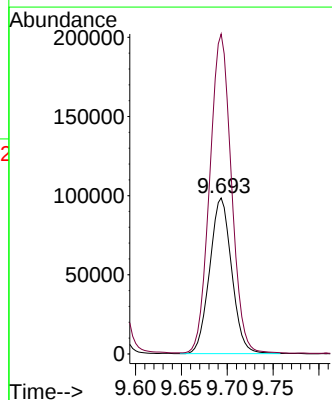
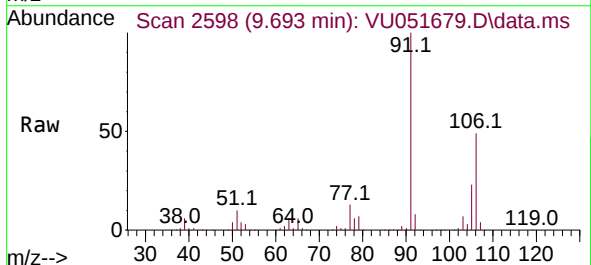
Instrument :
MSVOA_U
ClientSampleId :

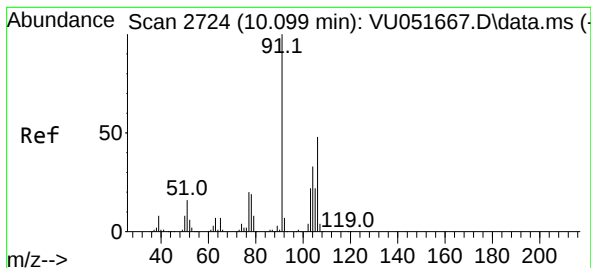
Tgt Ion: 91 Resp: 413740
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.6



#53
m,p-Xylene
Concen: 5.505 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

Tgt Ion: 106 Resp: 164038
Ion Ratio Lower Upper
106 100
91 205.0 139.4 259.0





#54

o-Xylene

Concen: 5.452 ug/L

RT: 10.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

Instrument :

MSVOA_U

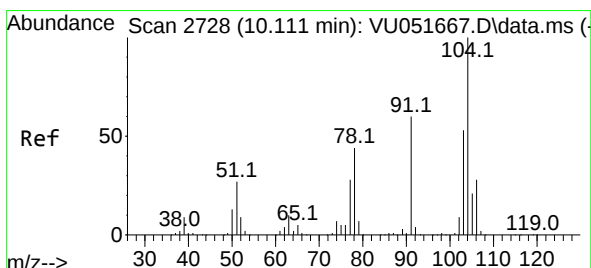
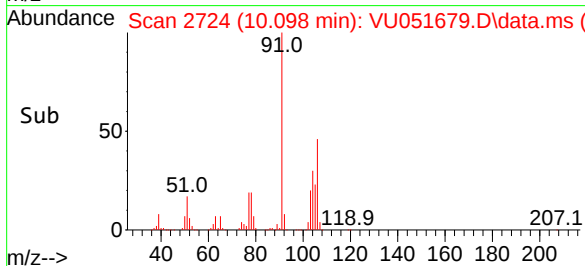
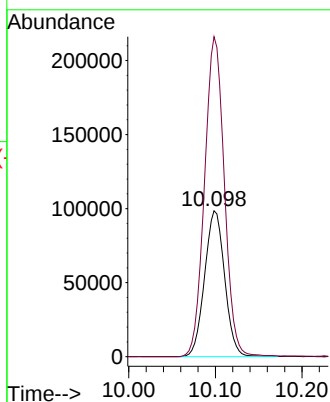
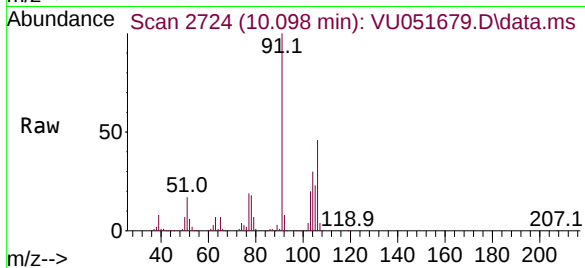
ClientSampleId :

Tgt Ion:106 Resp: 158790

Ion Ratio Lower Upper

106 100

91 219.3 149.2 277.2



#55

Styrene

Concen: 5.703 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. -0.000 min

Lab File: VU051679.D

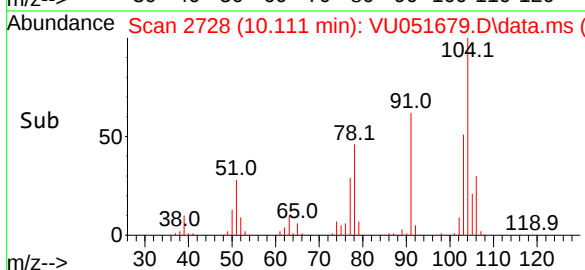
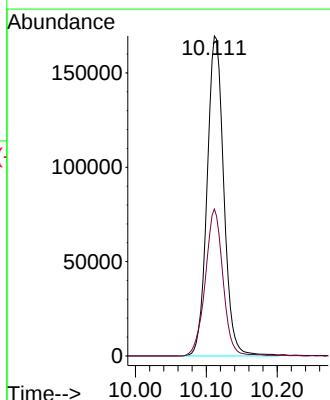
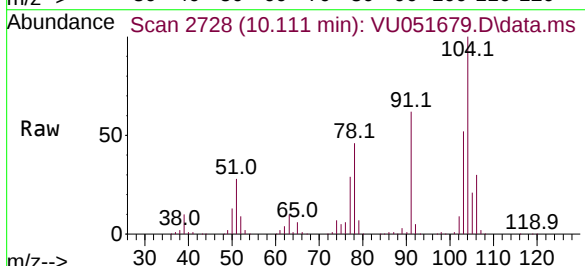
Acq: 02 Nov 2022 02:34

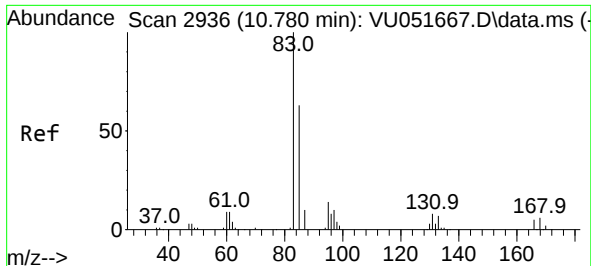
Tgt Ion:104 Resp: 277668

Ion Ratio Lower Upper

104 100

78 45.9 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.479 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

Instrument :

MSVOA_U

ClientSampleId :

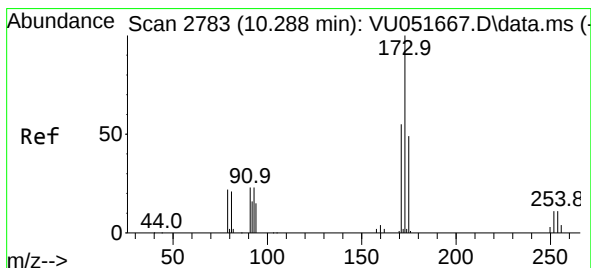
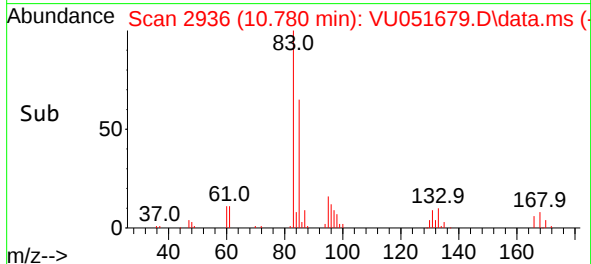
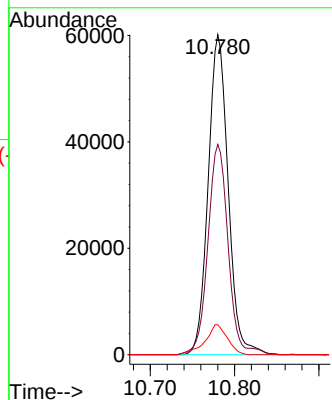
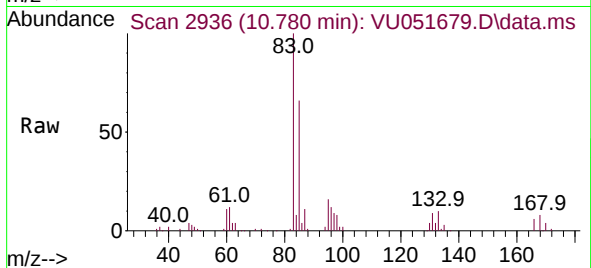
Tgt Ion: 83 Resp: 99136

Ion Ratio Lower Upper

83 100

85 65.7 44.9 83.5

131 9.4 7.8 11.8



#59

Bromoform

Concen: 5.330 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

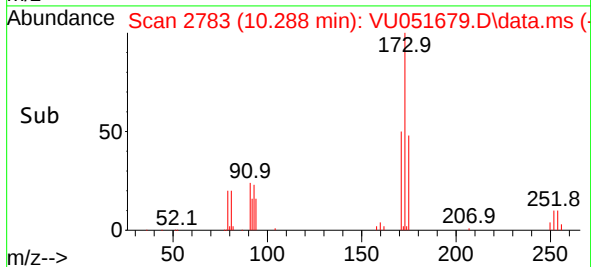
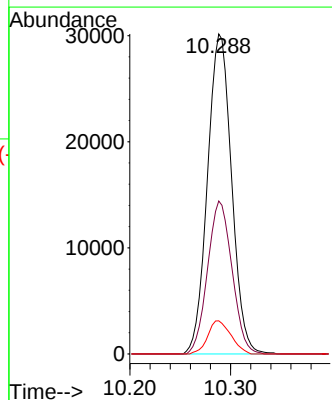
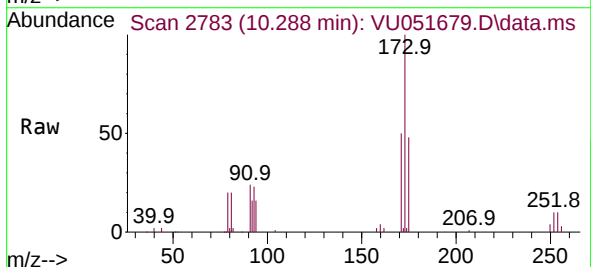
Tgt Ion:173 Resp: 50180

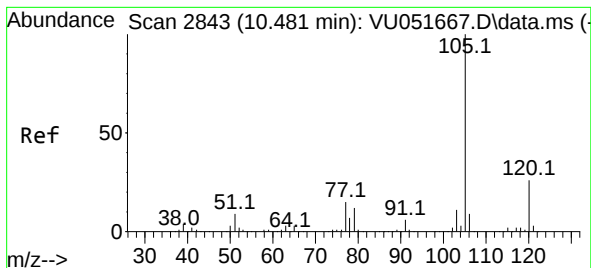
Ion Ratio Lower Upper

173 100

175 48.4 38.7 58.1

254 10.0 7.3 10.9





#60

Isopropylbenzene

Concen: 5.472 ug/L

RT: 10.484 min Scan# 2843

Delta R.T. 0.003 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

Instrument :

MSVOA_U

ClientSampleId :

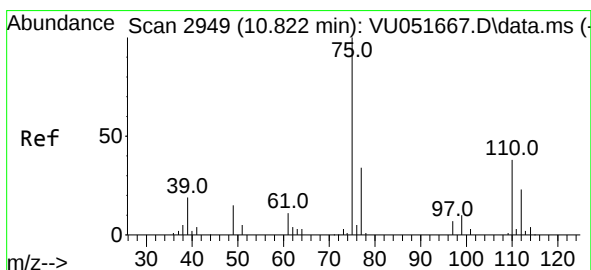
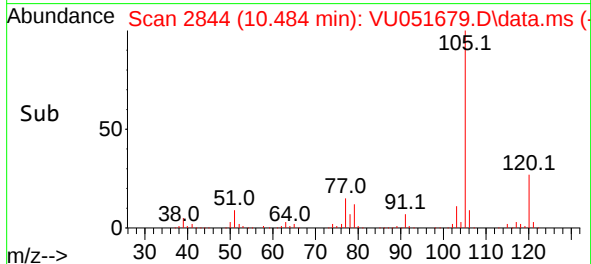
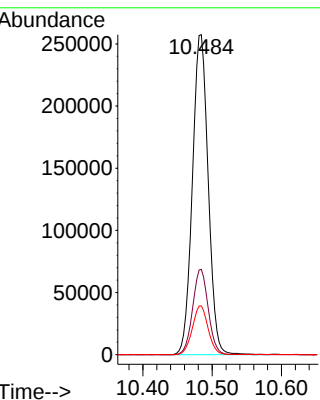
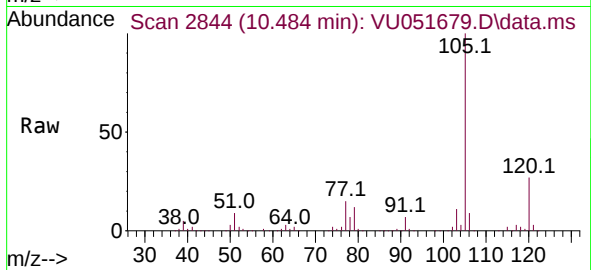
Tgt Ion:105 Resp: 407018

Ion Ratio Lower Upper

105 100

120 26.3 20.9 31.3

77 15.2 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 5.258 ug/L

RT: 10.819 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

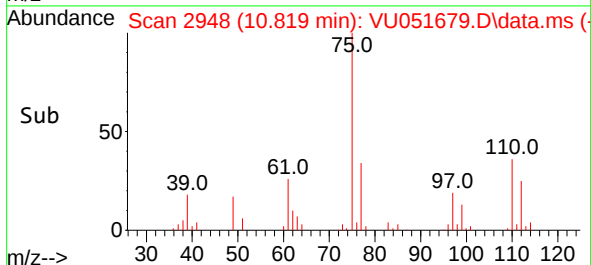
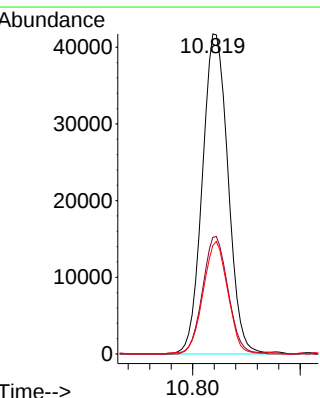
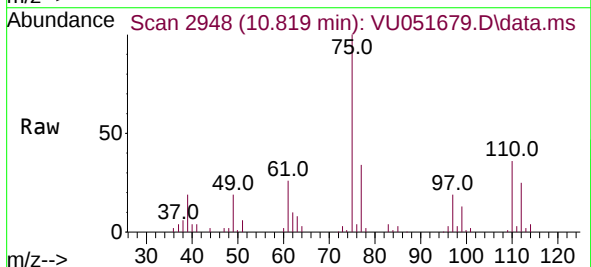
Tgt Ion: 75 Resp: 69287

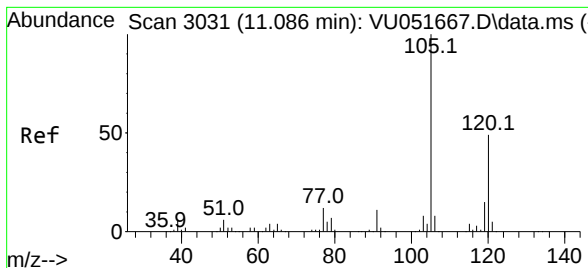
Ion Ratio Lower Upper

75 100

110 36.2 28.7 43.1

77 33.8 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 5.169 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU051679.D

Acq: 02 Nov 2022 02:34

Instrument :

MSVOA_U

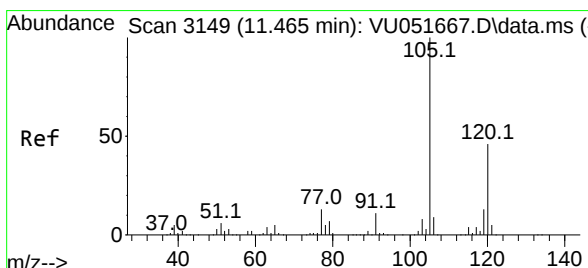
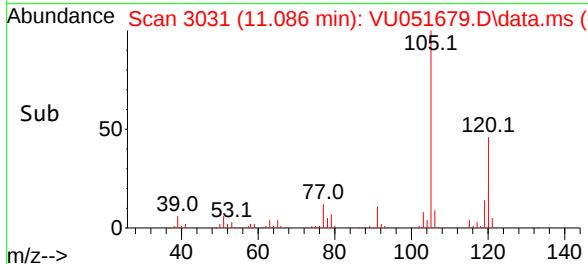
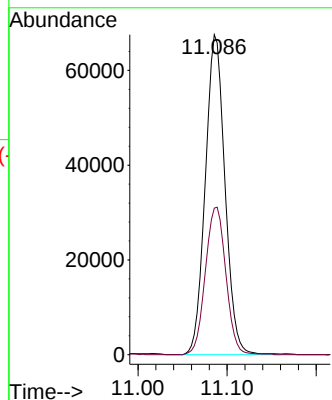
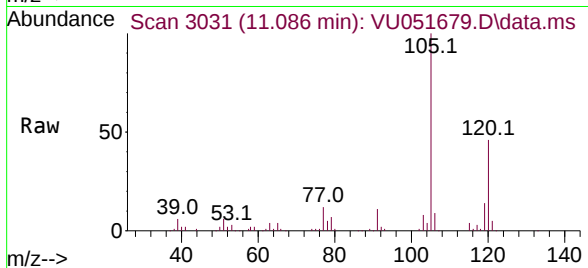
ClientSampleId :

Tgt Ion:105 Resp: 103503

Ion Ratio Lower Upper

105 100

120 48.1 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 5.094 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VU051679.D

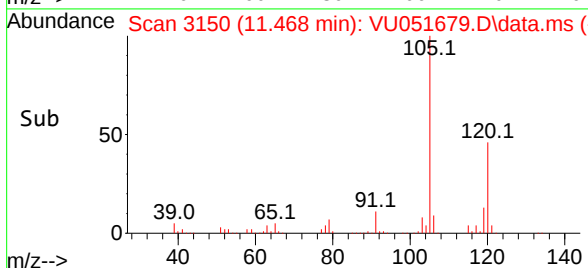
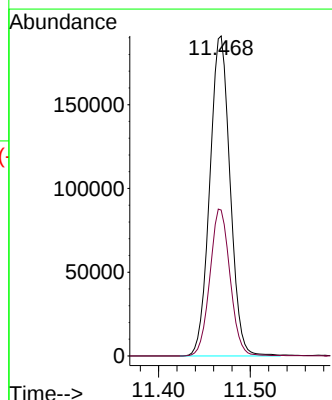
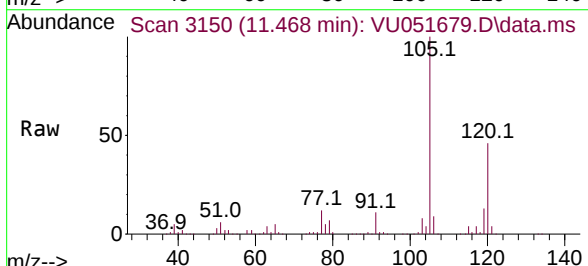
Acq: 02 Nov 2022 02:34

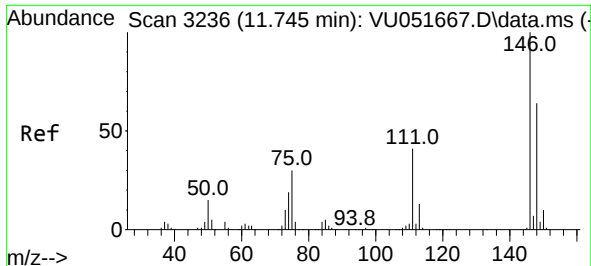
Tgt Ion:105 Resp: 294137

Ion Ratio Lower Upper

105 100

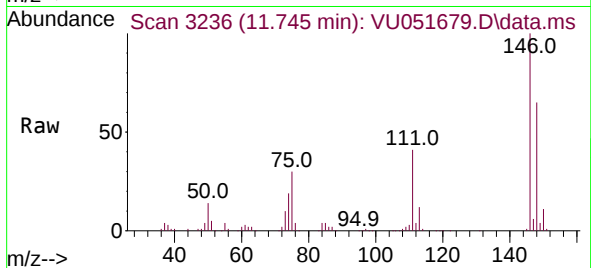
120 45.6 35.8 53.6



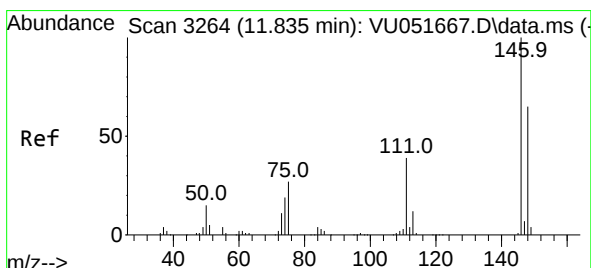
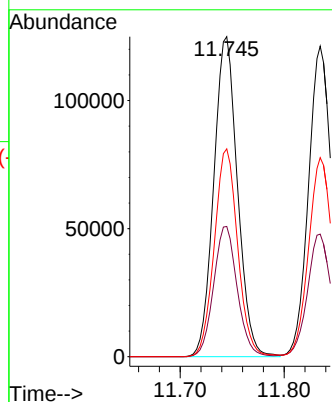
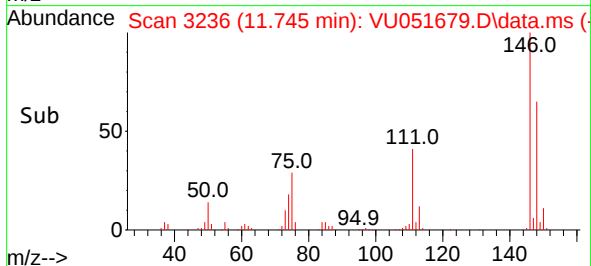


#64
1,3-Dichlorobenzene
Concen: 5.350 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

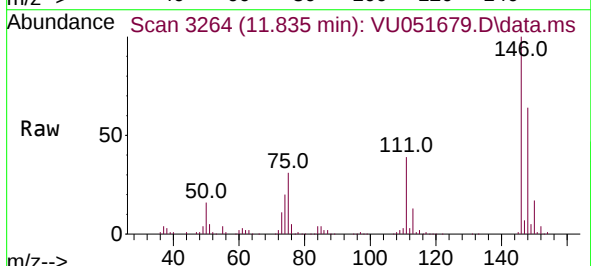
Instrument :
MSVOA_U
ClientSampleId :



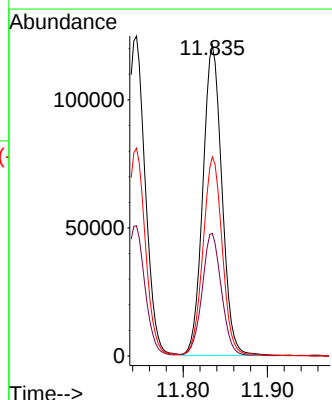
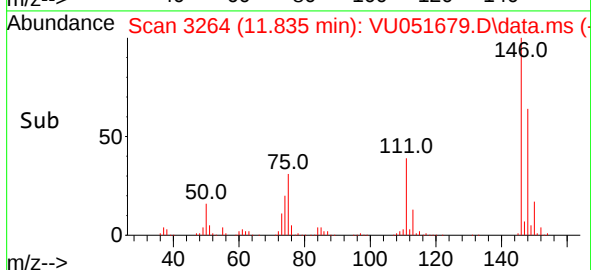
Tgt Ion:146 Resp: 198122
Ion Ratio Lower Upper
146 100
111 40.7 28.6 53.2
148 64.9 44.7 82.9

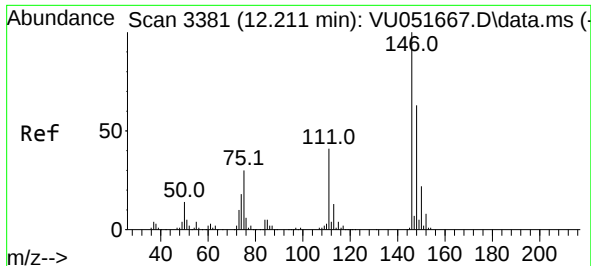


#65
1,4-Dichlorobenzene
Concen: 5.146 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34



Tgt Ion:146 Resp: 191053
Ion Ratio Lower Upper
146 100
111 39.5 26.7 49.5
148 64.1 43.5 80.9

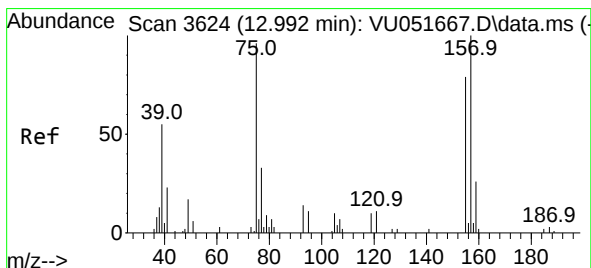
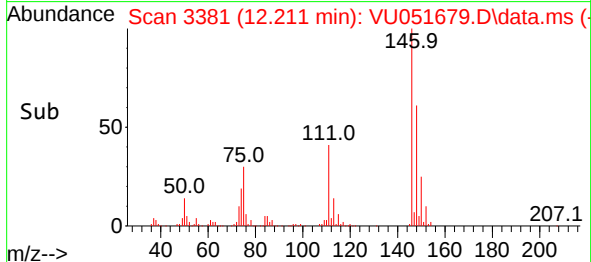
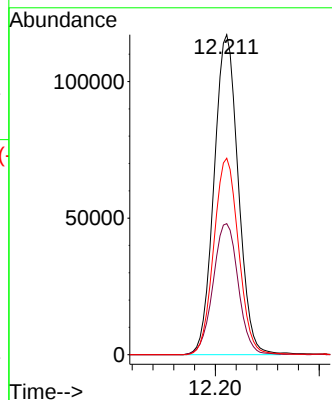
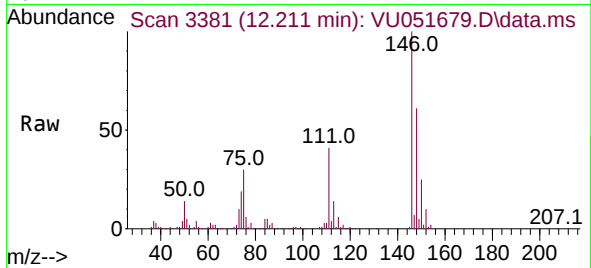




#67
1,2-Dichlorobenzene
Concen: 5.254 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

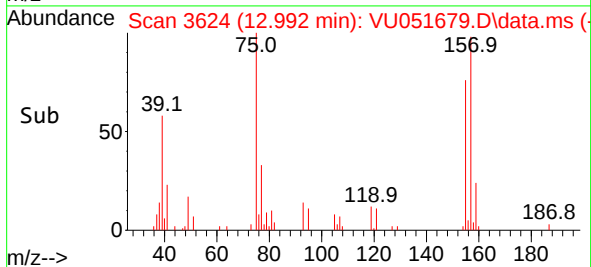
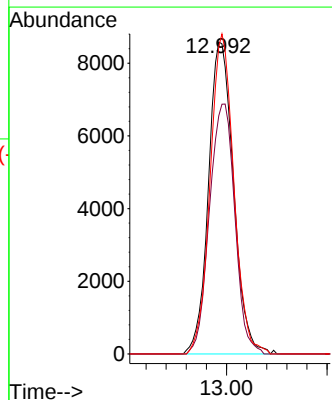
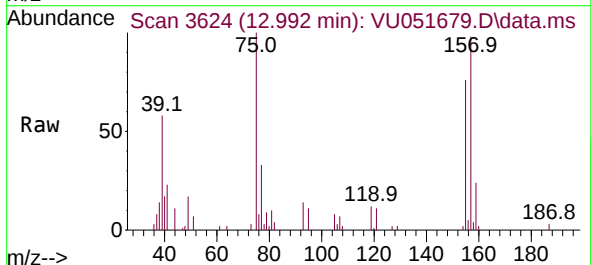
Instrument :
MSVOA_U
ClientSampleId :

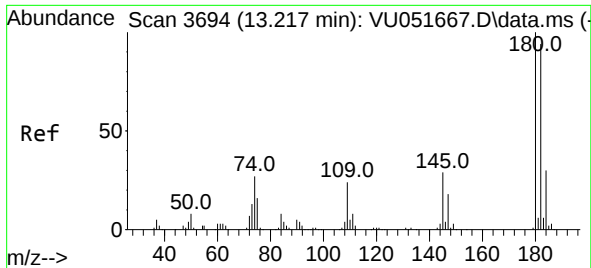
Tgt Ion:146 Resp: 189531
Ion Ratio Lower Upper
146 100
111 41.0 34.2 51.2
148 61.4 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.463 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

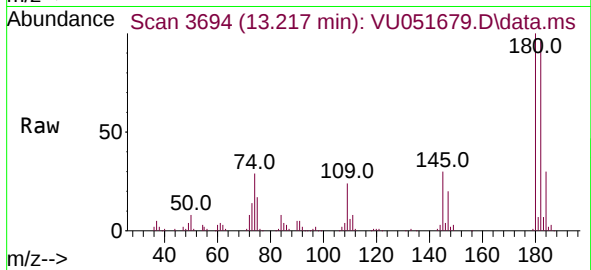
Tgt Ion: 75 Resp: 14821
Ion Ratio Lower Upper
75 100
155 76.3 61.4 92.2
157 98.5 86.7 130.1



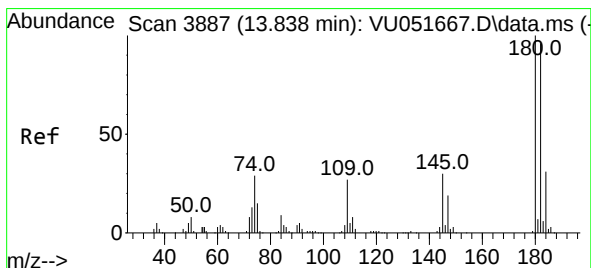
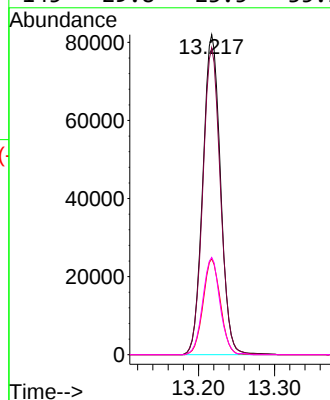
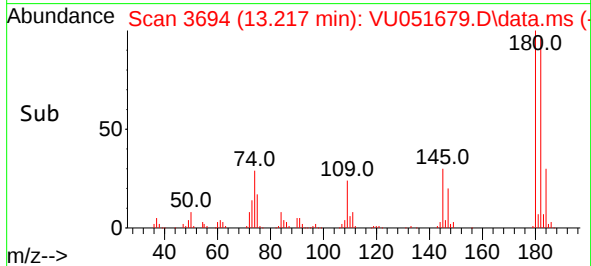


#69
 1,3,5-Trichlorobenzene
 Concen: 5.000 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051679.D
 Acq: 02 Nov 2022 02:34

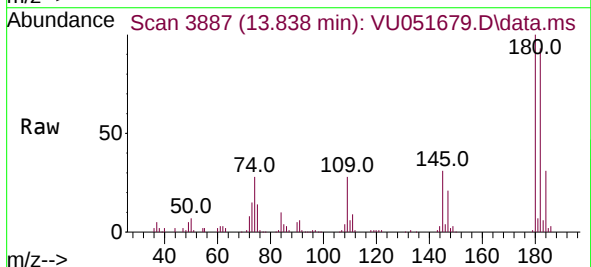
Instrument :
 MSVOA_U
 ClientSampleId :



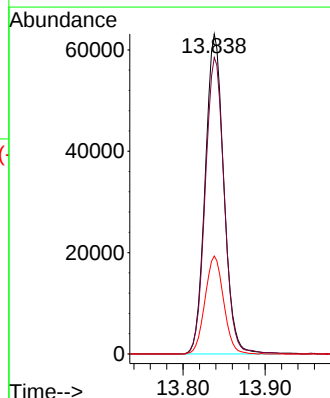
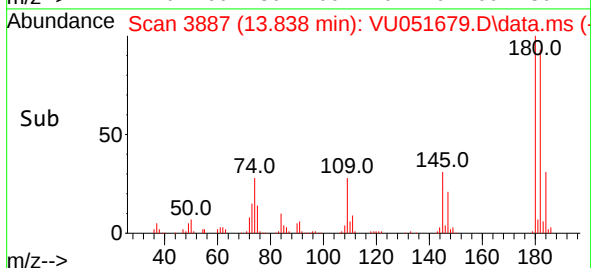
Tgt Ion:180 Resp: 131979
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.0 115.6
 184 29.3 23.7 35.5
 145 29.8 23.5 35.3

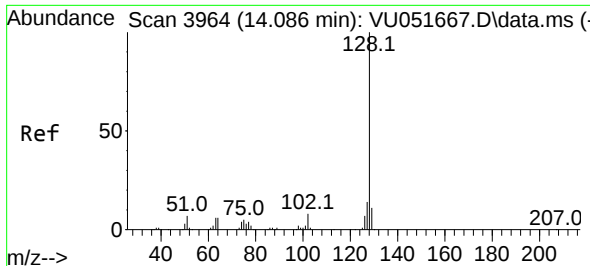


#70
 1,2,4-trichlorobenzene
 Concen: 4.899 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051679.D
 Acq: 02 Nov 2022 02:34



Tgt Ion:180 Resp: 99272
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.8 116.6
 145 30.6 25.0 37.6

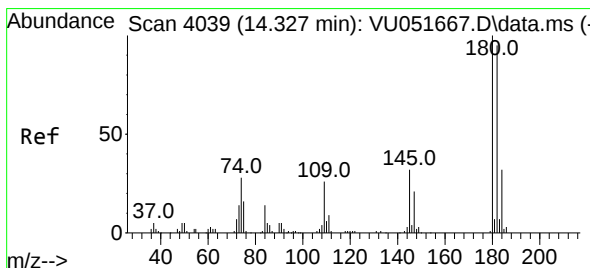
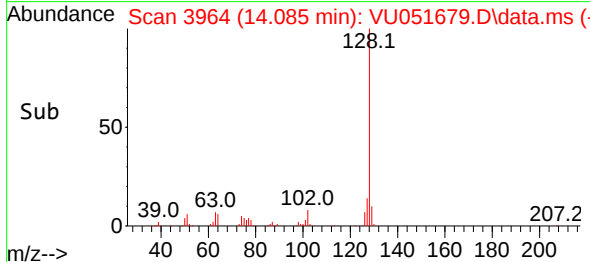
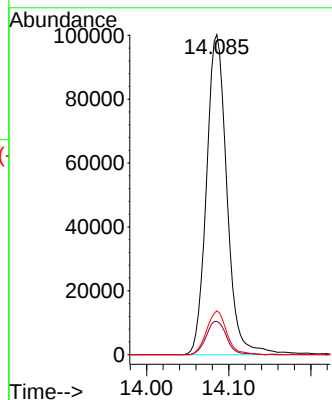
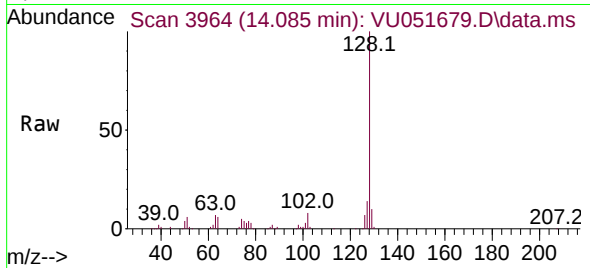




#71
Naphthalene
Concen: 4.572 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 172943
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.4 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.899 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051679.D
Acq: 02 Nov 2022 02:34

Tgt Ion:180 Resp: 100254
Ion Ratio Lower Upper
180 100
182 95.9 76.1 114.1
145 32.8 25.6 38.4

