

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120723\
 Data File : VU056676.D
 Acq On : 07 Dec 2023 08:59
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 02:03:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 07 04:51:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	245925	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	245173	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	120901	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65600	3.566	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.911	69	60516	4.291	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.563	65	31878	3.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.628	46	211828	57.753	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.500%
24) Chloroform-d	5.059	84	170474	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.698	65	80810	4.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.724	84	302609	4.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.685	67	98642	4.481	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.894	98	264547	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.177	79	34597	4.097	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.631	63	166088	50.055	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81623	5.189	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	92962	4.162	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	73847	3.790	ug/L	97
3) Chloromethane	1.518	50	78028	3.919	ug/L	98
5) Vinyl chloride	1.602	62	83320	4.343	ug/L	95
6) Bromomethane	1.856	94	49099	5.056	ug/L	92
8) Chloroethane	1.933	64	52902	4.514	ug/L	97
9) Trichlorofluoromethane	2.136	101	139579	5.049	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	87648	5.340	ug/L	97
12) 1,1-Dichloroethene	2.576	96	73120	4.857	ug/L	91
13) Acetone	2.637	43	117164	37.505	ug/L	100
14) Carbon disulfide	2.792	76	160890	3.284	ug/L	99
15) Methyl Acetate	2.953	43	30410	5.470	ug/L	100
16) Methylene chloride	3.043	84	95135	4.775	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	203479	5.563	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	76638	4.948	ug/L	99
19) 1,1-Dichloroethane	3.862	63	175833	5.731	ug/L	98
21) 2-Butanone	4.708	43	191755	47.305	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	97645	5.559	ug/L	96
23) Bromochloromethane	4.969	128	40783	5.641	ug/L	97
25) Chloroform	5.081	83	190210	5.722	ug/L	97

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 Data File : VU056676.D
 Acq On : 07 Dec 2023 08:59
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 02:03:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 07 04:51:32 2023
 Response via : Initial Calibration

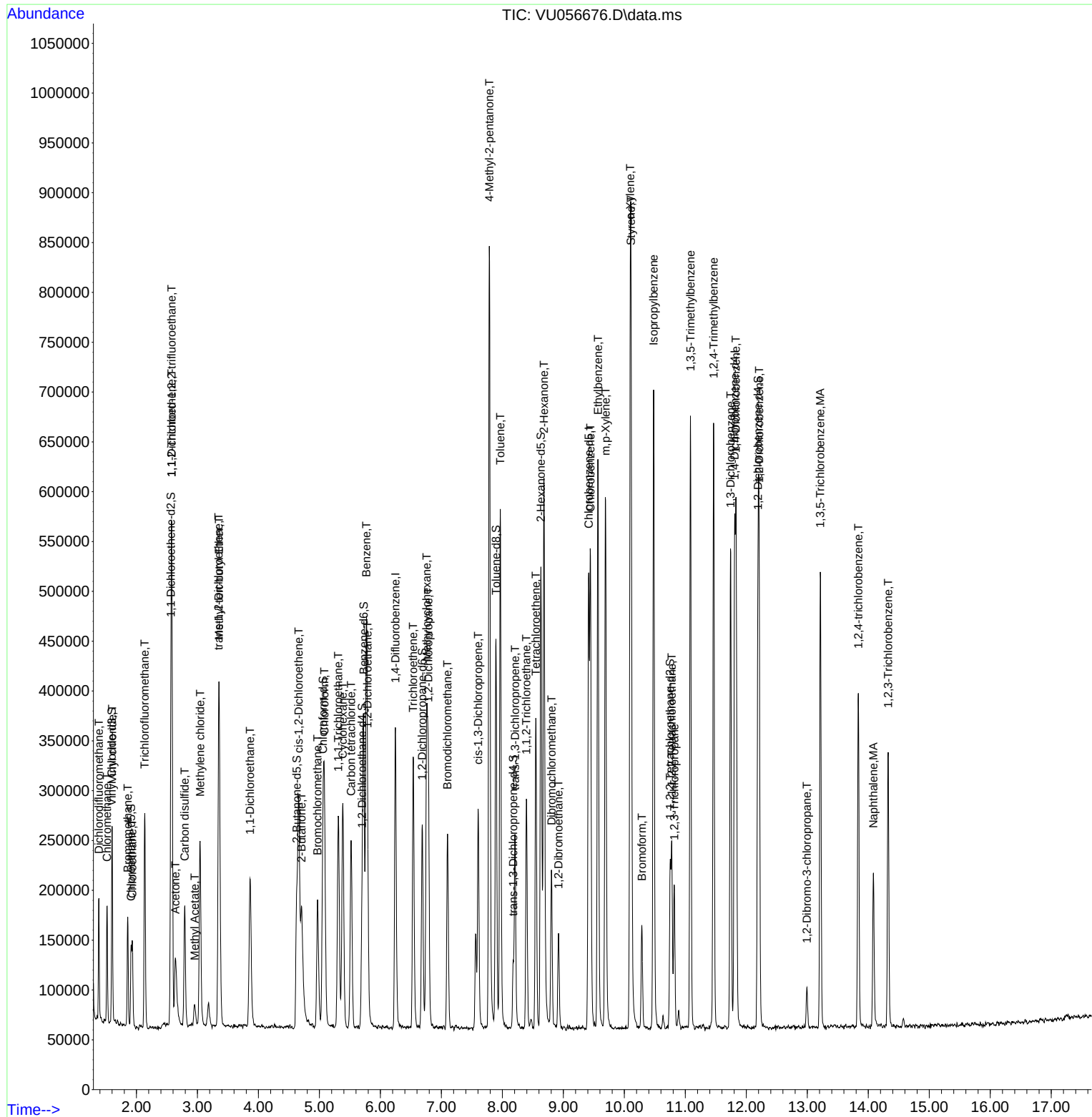
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	107096	5.674	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	158136	5.619	ug/L	98
30) Cyclohexane	5.383	56	107105	4.010	ug/L	99
31) Carbon tetrachloride	5.518	117	128827	5.330	ug/L	99
33) Benzene	5.769	78	357123	5.105	ug/L	100
34) Trichloroethene	6.538	95	98450	5.165	ug/L	98
35) Methylcyclohexane	6.759	83	110675	4.022	ug/L	95
37) 1,2-Dichloropropane	6.785	63	98546	5.402	ug/L	99
38) Bromodichloromethane	7.100	83	133200	5.656	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	134281	5.009	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	506217	55.977	ug/L	99
42) Toluene	7.965	91	380437	5.253	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	114687	5.367	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	72457	5.964	ug/L	96
47) Tetrachloroethene	8.550	164	67775	5.273	ug/L	96
48) 2-Hexanone	8.682	43	360244	51.133	ug/L	98
49) Dibromochloromethane	8.804	129	82487	5.970	ug/L	94
50) 1,2-Dibromoethane	8.920	107	62769	5.472	ug/L	97
51) Chlorobenzene	9.444	112	252869	5.434	ug/L	98
52) Ethylbenzene	9.566	91	422071	5.248	ug/L	98
53) m,p-Xylene	9.692	106	154532	5.227	ug/L	98
54) o-Xylene	10.097	106	153421	5.342	ug/L	100
55) Styrene	10.110	104	262717	5.499	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	90039	6.069	ug/L	95
59) Bromoform	10.287	173	46654	6.195	ug/L	99
60) Isopropylbenzene	10.480	105	428503	5.496	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	60566	5.838	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	330169	5.157	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	331749	5.250	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	195310	5.507	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	191826	5.392	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	184181	5.660	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	11560	5.217	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	138188	5.175	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	99320	4.567	ug/L	96
71) Naphthalene	14.084	128	133214	4.054	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	83157	4.641	ug/L	100

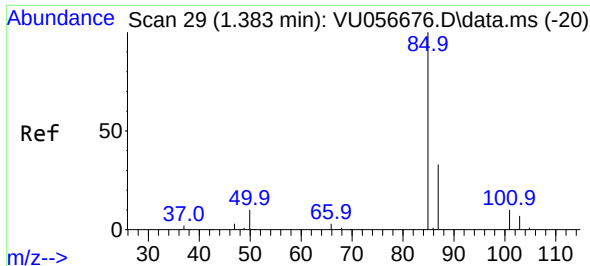
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120723\
Data File : VU056676.D
Acq On : 07 Dec 2023 08:59
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 08 02:03:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 07 04:51:32 2023
Response via : Initial Calibration

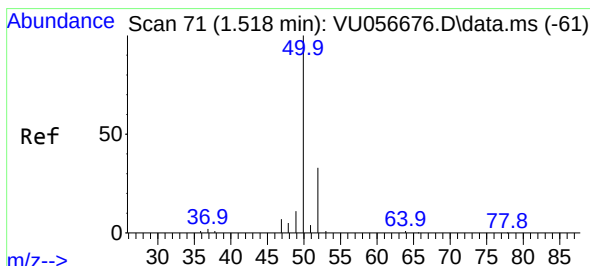
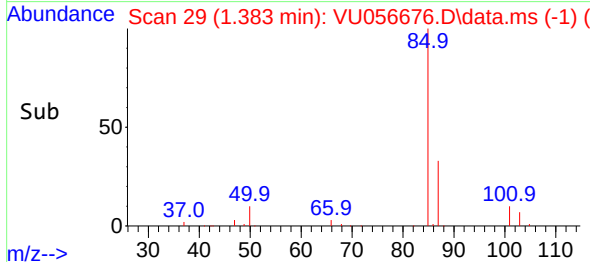
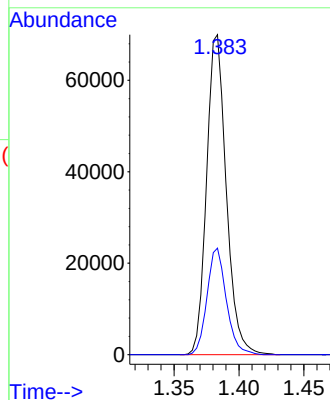
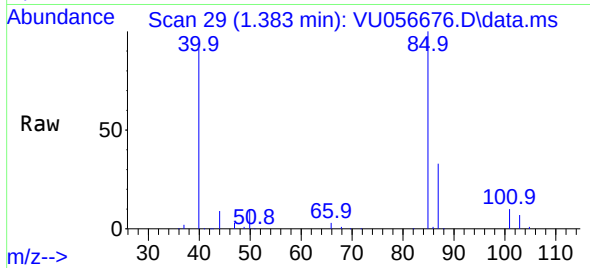




#2
 Dichlorodifluoromethane
 Concen: 3.790 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU056676.D
 Acq: 07 Dec 2023 08:59

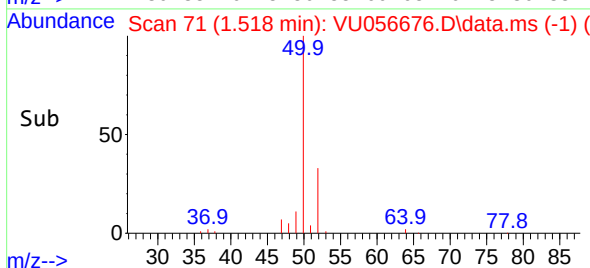
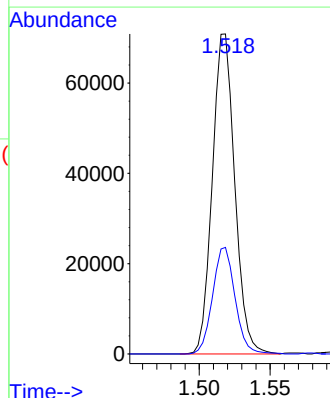
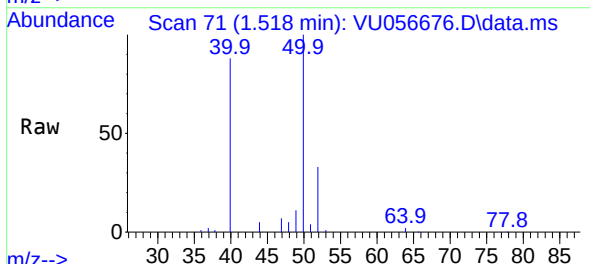
Instrument :
 MSVOA_U
 ClientSampleId :

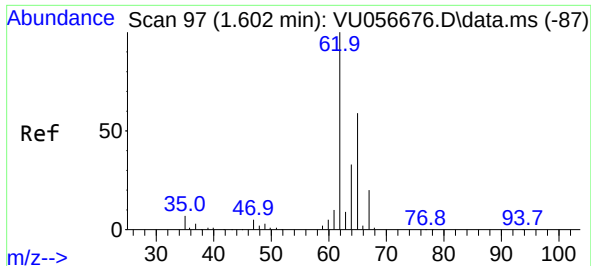
Tgt Ion: 85 Resp: 73847
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.0 37.4



#3
 Chloromethane
 Concen: 3.919 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU056676.D
 Acq: 07 Dec 2023 08:59

Tgt Ion: 50 Resp: 78028
 Ion Ratio Lower Upper
 50 100
 52 33.3 24.3 45.1

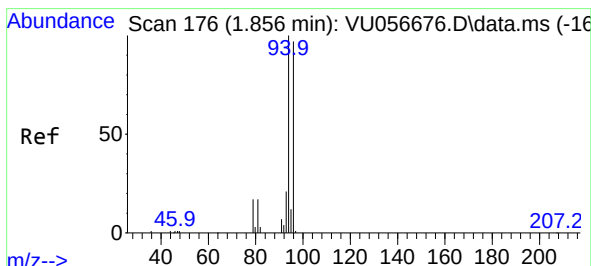
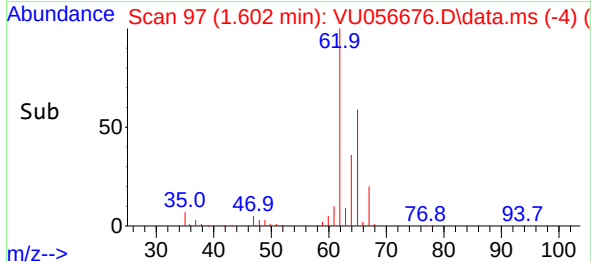
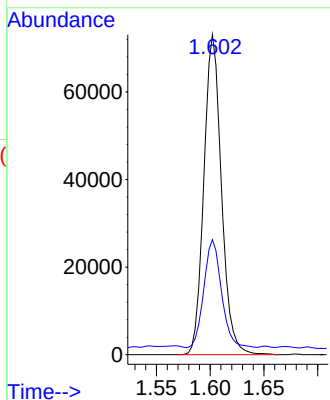
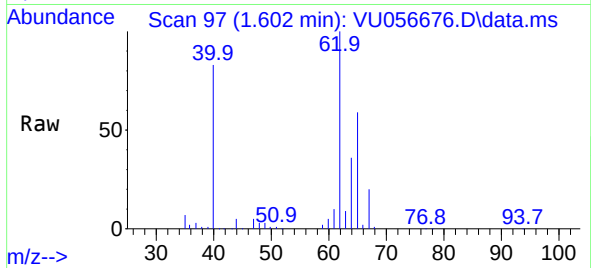




#5
Vinyl chloride
Concen: 4.343 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

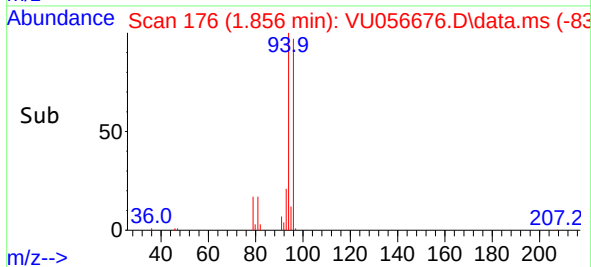
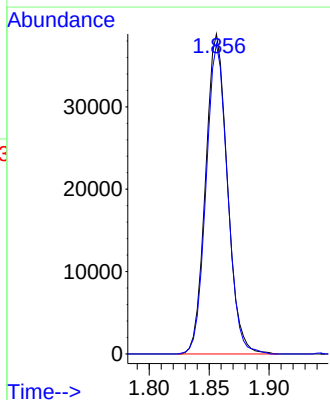
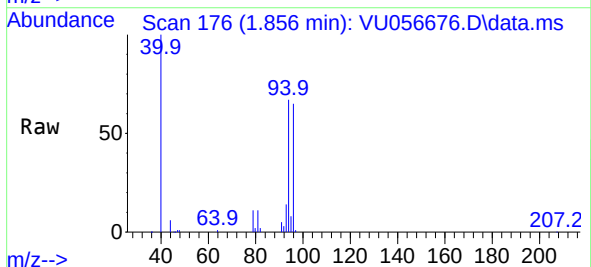
Instrument :
MSVOA_U
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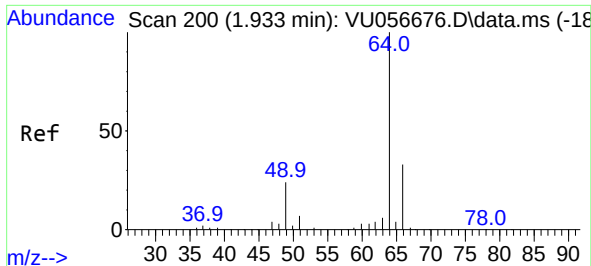
Tgt Ion: 62 Resp: 83320
Ion Ratio Lower Upper
62 100
64 36.0 23.3 43.3



#6
Bromomethane
Concen: 5.056 ug/L
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 94 Resp: 49099
Ion Ratio Lower Upper
94 100
96 96.9 62.6 116.2

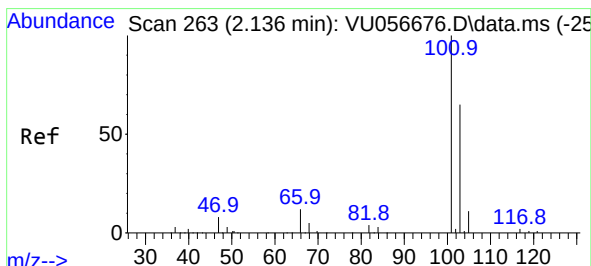
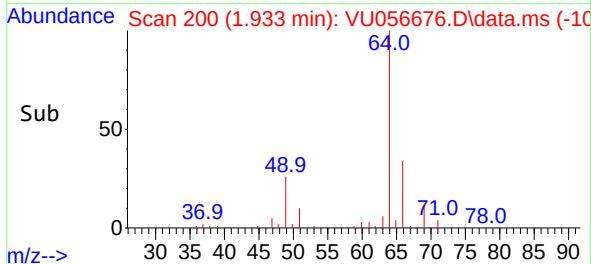
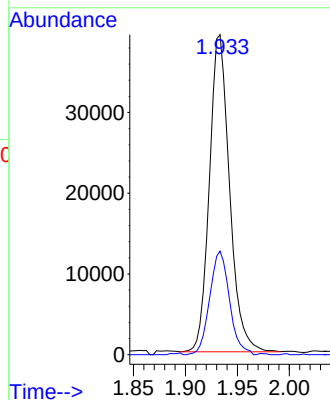
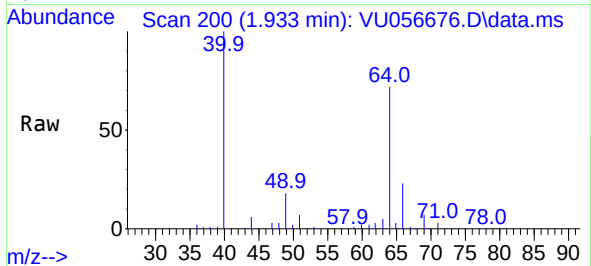




#8
Chloroethane
Concen: 4.514 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

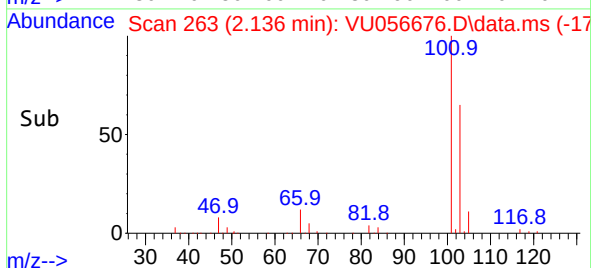
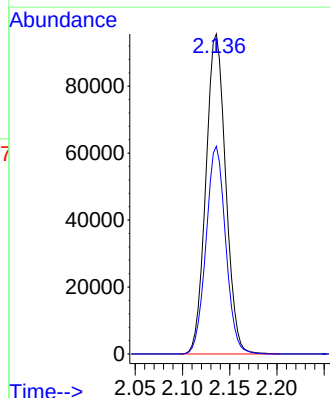
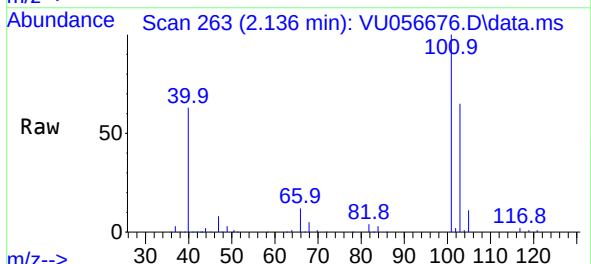
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MSVOA_U
ClientSampleId :

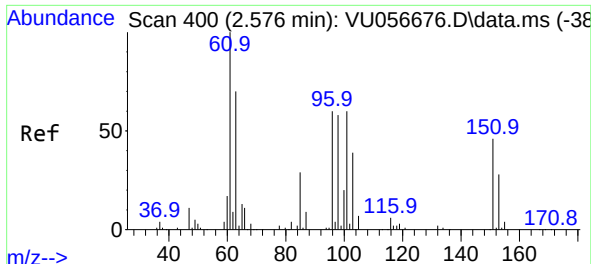
Tgt Ion: 64 Resp: 52902
Ion Ratio Lower Upper
64 100
66 32.4 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.049 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion:101 Resp: 139579
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0

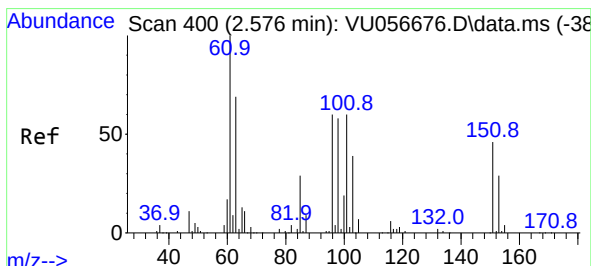
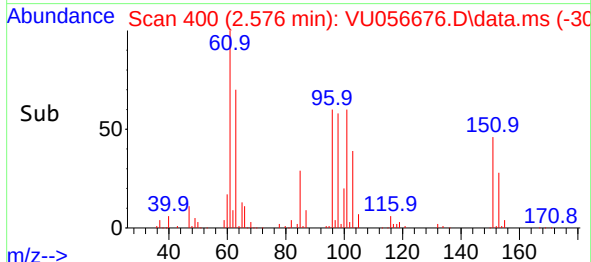
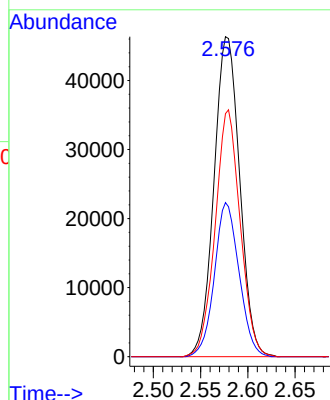
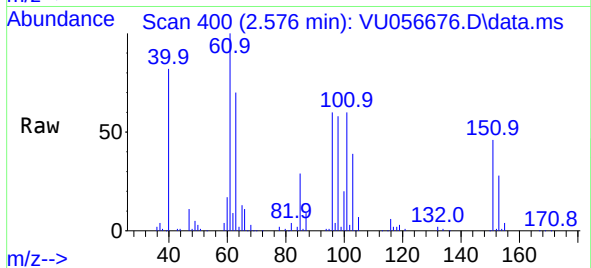




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.340 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

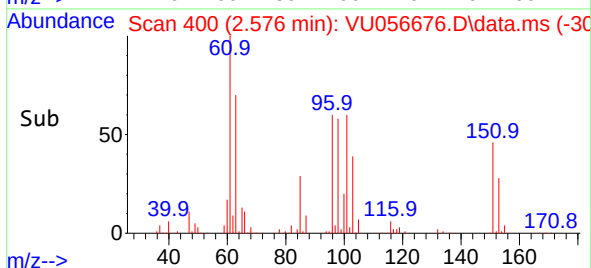
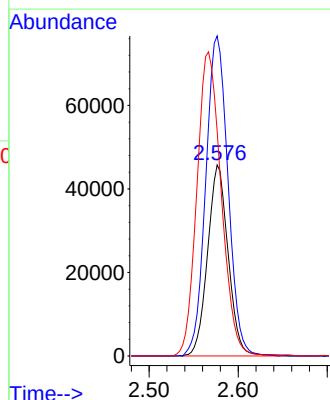
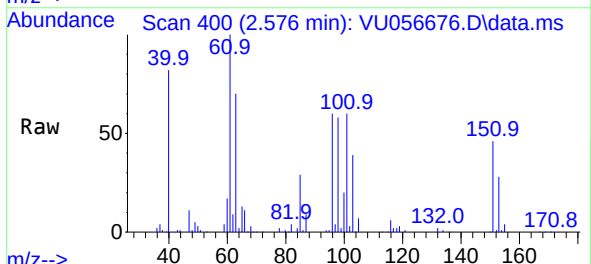
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ClientSampleId :

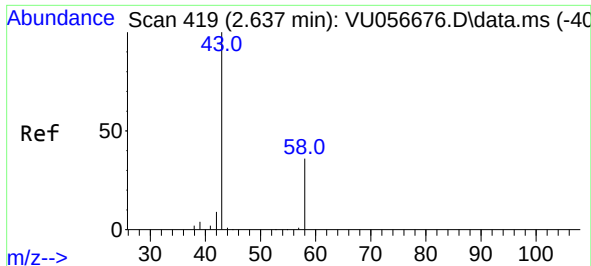
Tgt Ion:101 Resp: 87648
Ion Ratio Lower Upper
101 100
85 46.2 35.4 53.0
151 75.2 58.0 87.0



#12
1,1-Dichloroethene
Concen: 4.857 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 96 Resp: 73120
Ion Ratio Lower Upper
96 100
61 167.5 123.1 228.7
63 117.8 93.3 173.3





#13

Acetone

Concen: 37.505 ug/L

RT: 2.637 min Scan# 419

Delta R.T. 0.003 min

Lab File: VU056676.D

Acq: 07 Dec 2023 08:59

Instrument :

MSVOA_U

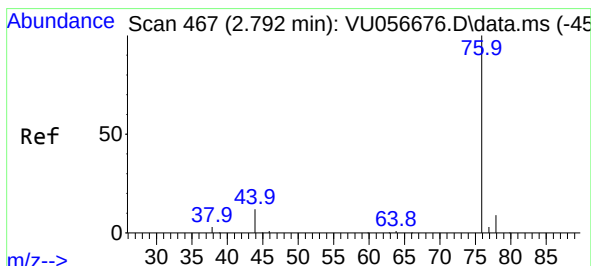
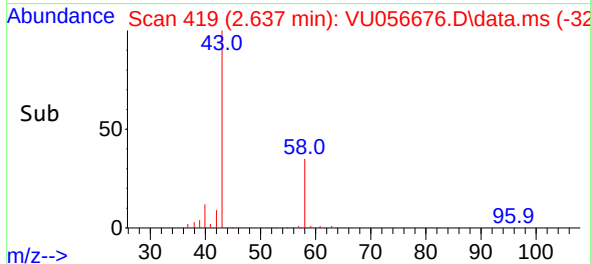
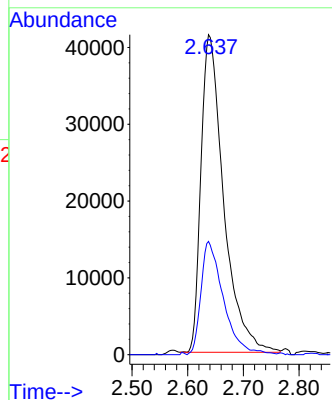
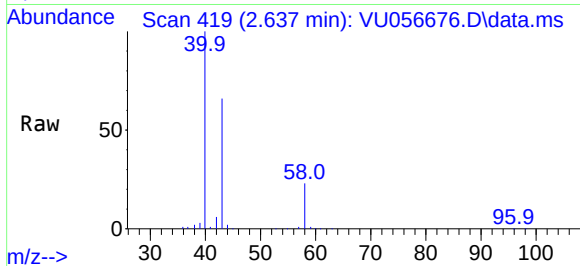
ClientSampleId :

Tgt Ion: 43 Resp: 117164

Ion Ratio Lower Upper

43 100

58 35.3 0.0 70.0



#14

Carbon disulfide

Concen: 3.284 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU056676.D

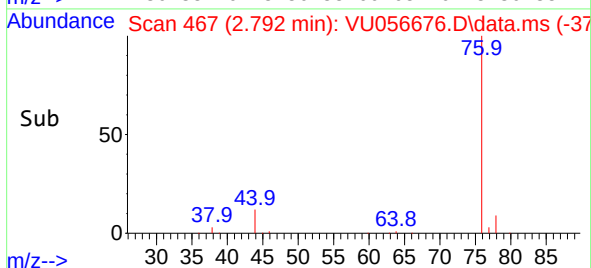
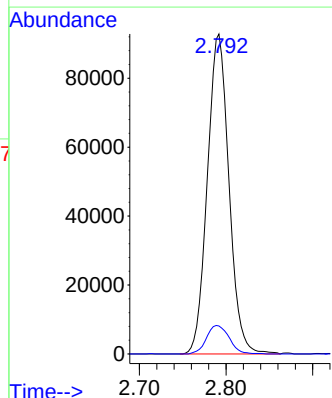
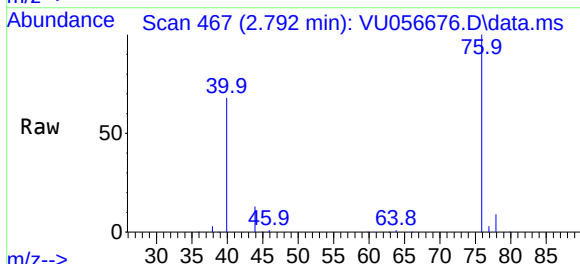
Acq: 07 Dec 2023 08:59

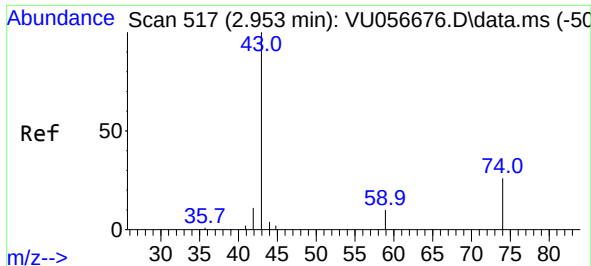
Tgt Ion: 76 Resp: 160890

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2

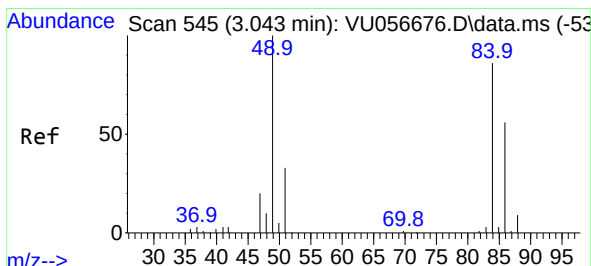
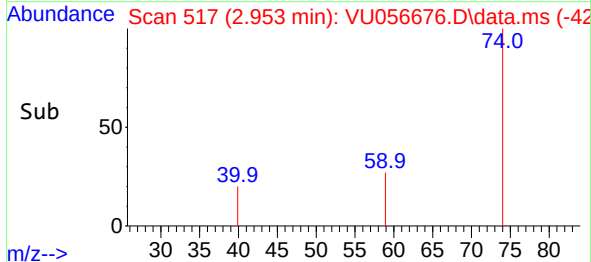
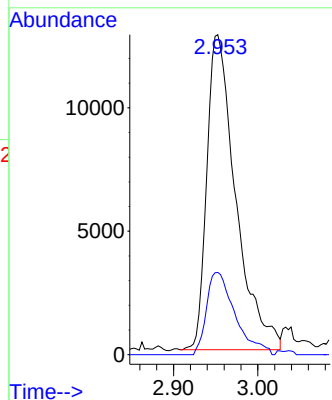
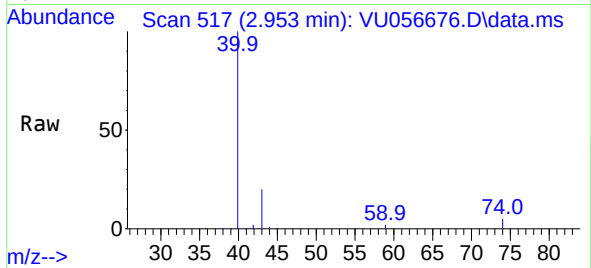




#15
Methyl Acetate
Concen: 5.470 ug/L
RT: 2.953 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

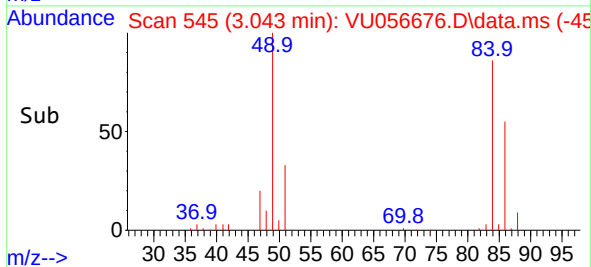
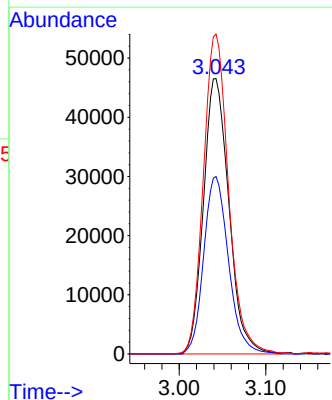
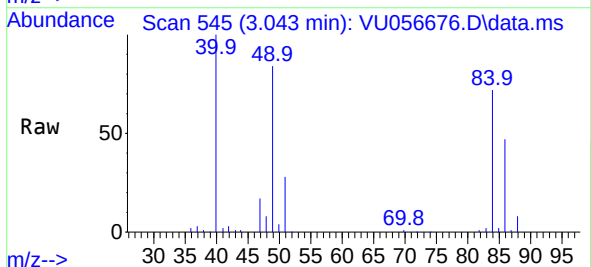
Instrument :
MSVOA_U
ClientSampleId :

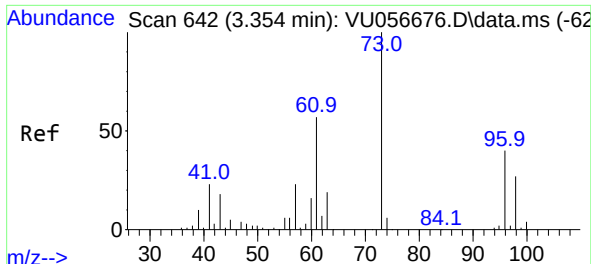
Tgt Ion: 43 Resp: 30410
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0



#16
Methylene chloride
Concen: 4.775 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

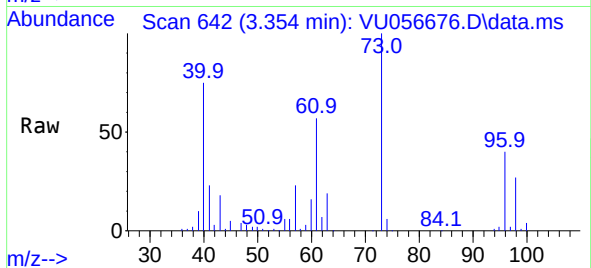
Tgt Ion: 84 Resp: 95135
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 116.2 81.8 152.0





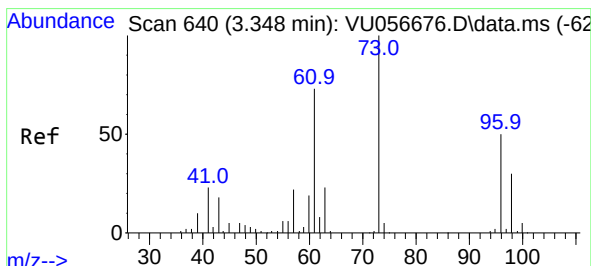
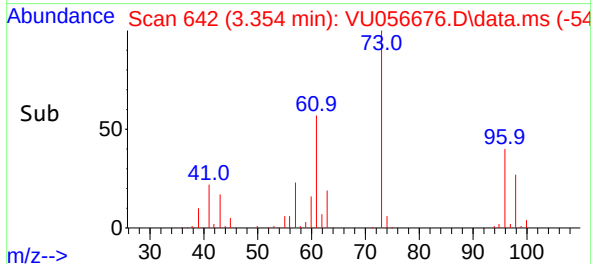
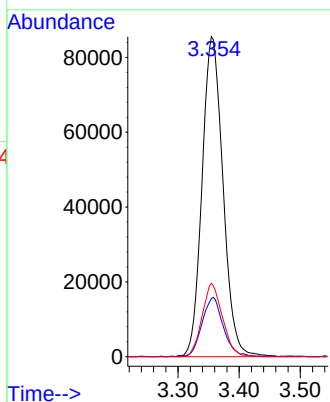
#17
Methyl tert-butyl Ether
Concen: 5.563 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 203479

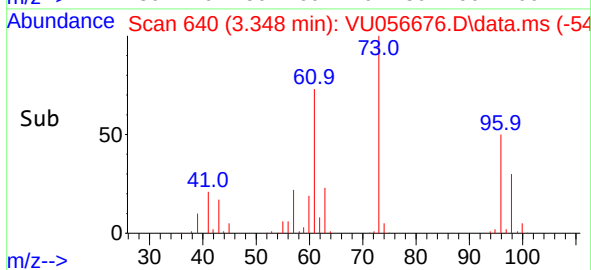
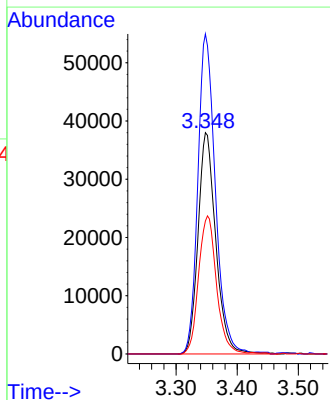
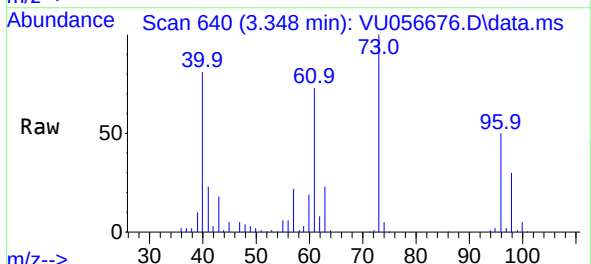
Ion	Ratio	Lower	Upper
73	100		
43	18.4	15.1	22.7
57	22.3	17.8	26.8

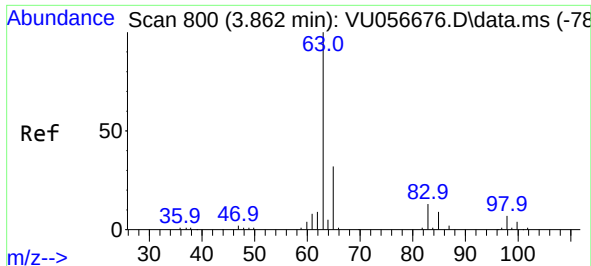


#18
trans-1,2-Dichloroethene
Concen: 4.948 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 96 Resp: 76638

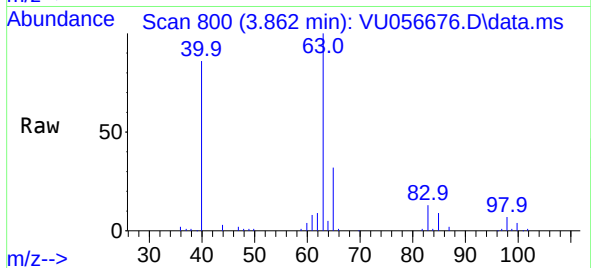
Ion	Ratio	Lower	Upper
96	100		
61	144.6	101.7	188.9
98	60.1	43.0	80.0



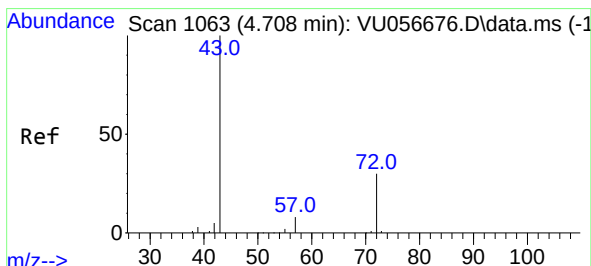
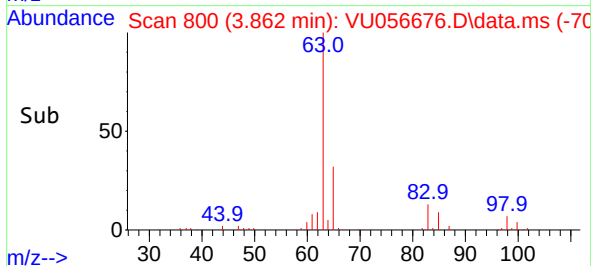
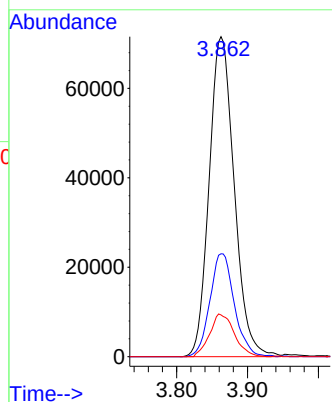


#19
1,1-Dichloroethane
Concen: 5.731 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Instrument :
MSVOA_U
ClientSampleId :

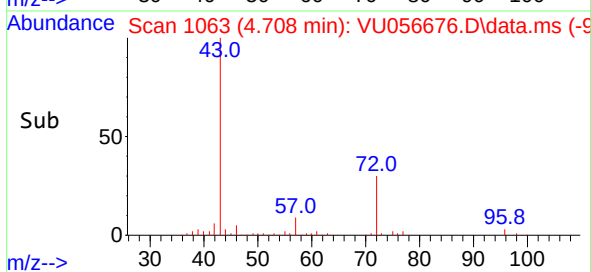
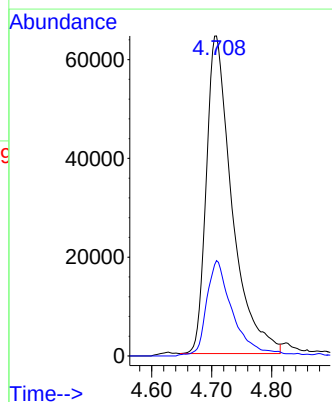
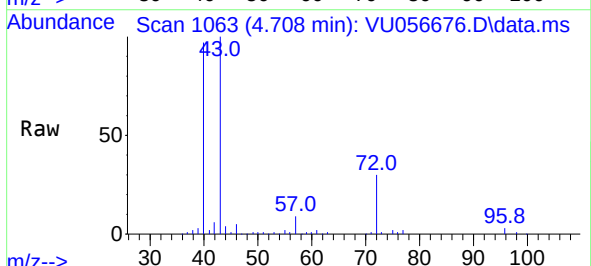


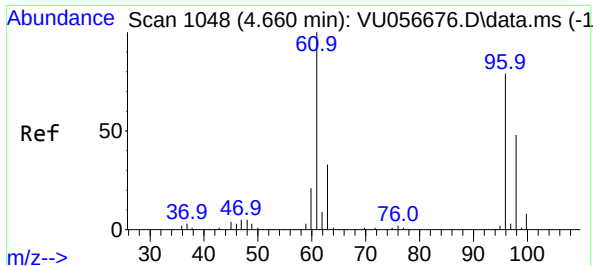
Tgt Ion: 63 Resp: 175833
Ion Ratio Lower Upper
63 100
65 32.1 21.8 40.6
83 13.1 9.7 17.9



#21
2-Butanone
Concen: 47.305 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

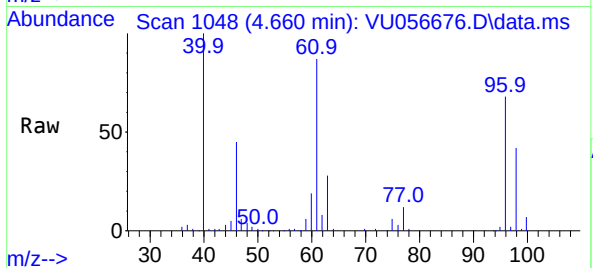
Tgt Ion: 43 Resp: 191755
Ion Ratio Lower Upper
43 100
72 30.7 14.2 42.6



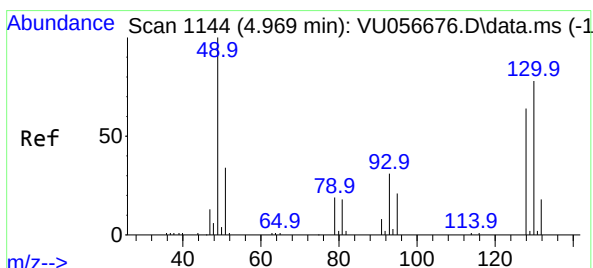
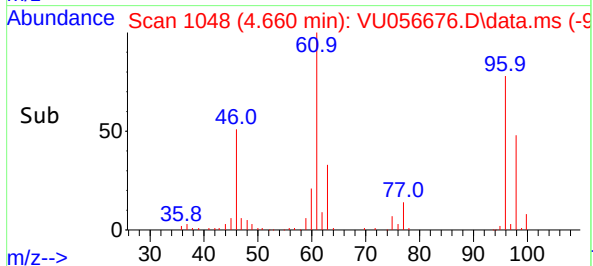
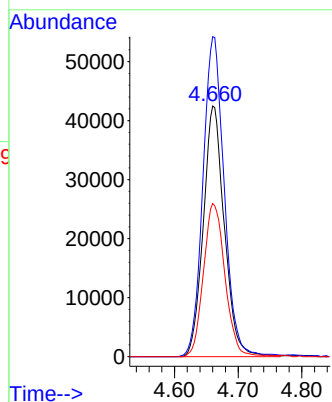


#22
 cis-1,2-Dichloroethene
 Concen: 5.559 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU056676.D
 Acq: 07 Dec 2023 08:59

Instrument :
 MSVOA_U
 ClientSampleId :

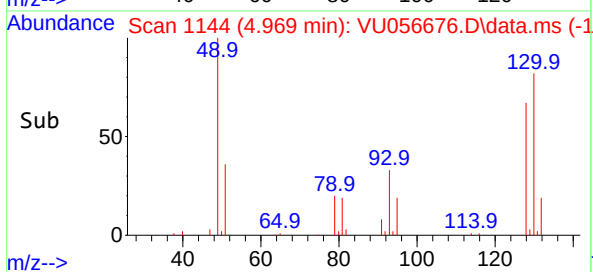
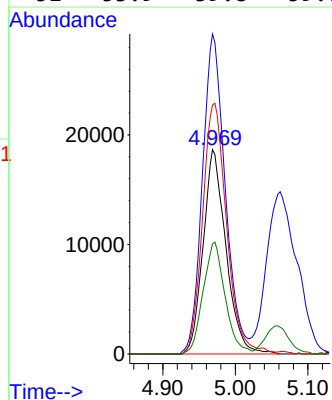
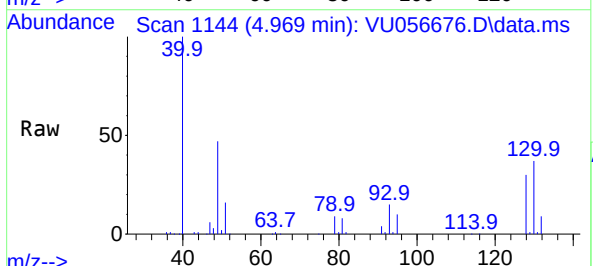


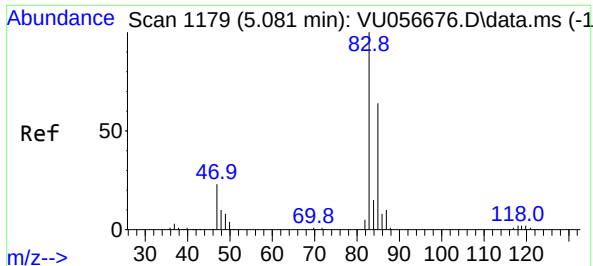
Tgt Ion: 96 Resp: 97645
 Ion Ratio Lower Upper
 96 100
 61 127.6 93.2 173.2
 98 61.1 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.641 ug/L
 RT: 4.969 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056676.D
 Acq: 07 Dec 2023 08:59

Tgt Ion:128 Resp: 40783
 Ion Ratio Lower Upper
 128 100
 49 156.6 113.4 210.6
 130 121.8 84.8 157.6
 51 53.9 39.8 59.6





#25

Chloroform

Concen: 5.722 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056676.D

Acq: 07 Dec 2023 08:59

Instrument :

MSVOA_U

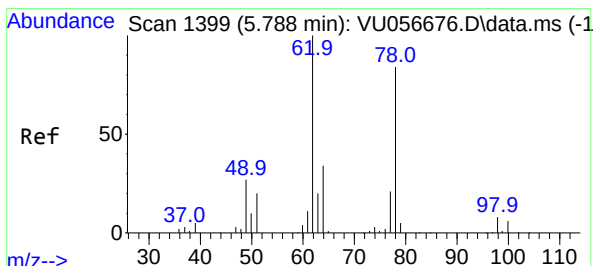
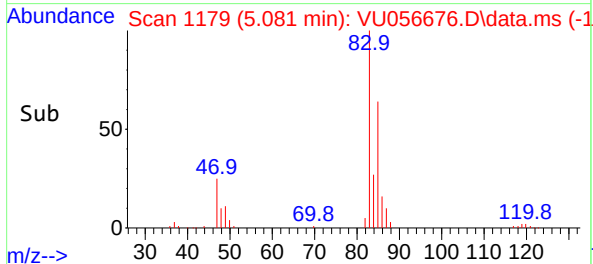
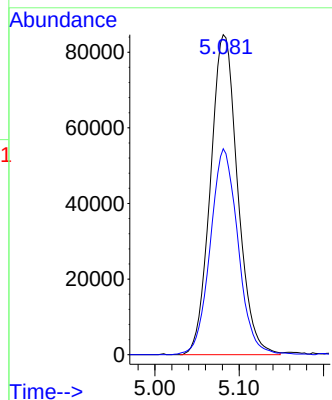
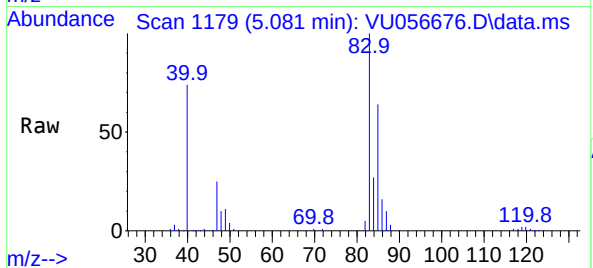
ClientSampleId :

Tgt Ion: 83 Resp: 190210

Ion Ratio Lower Upper

83 100

85 64.3 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.674 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056676.D

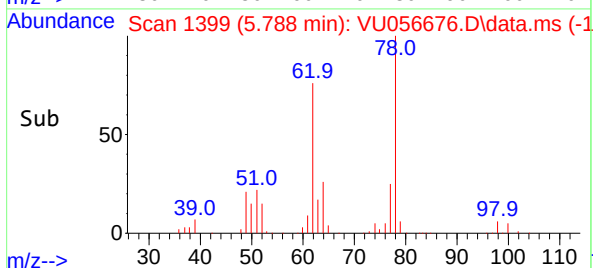
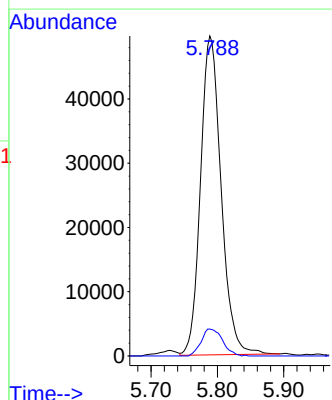
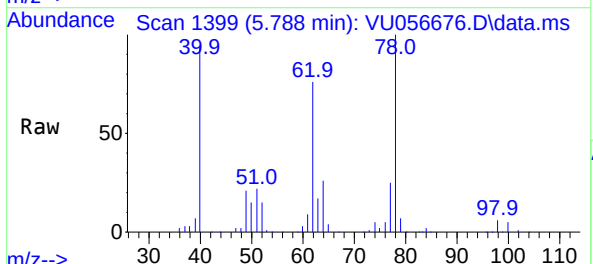
Acq: 07 Dec 2023 08:59

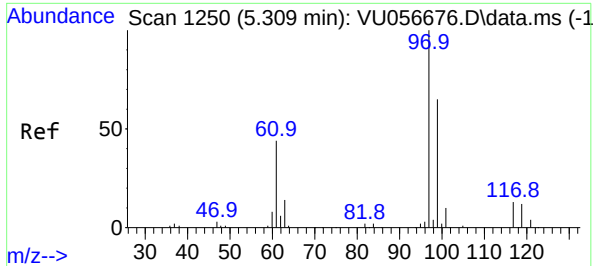
Tgt Ion: 62 Resp: 107096

Ion Ratio Lower Upper

62 100

98 8.4 6.6 10.0

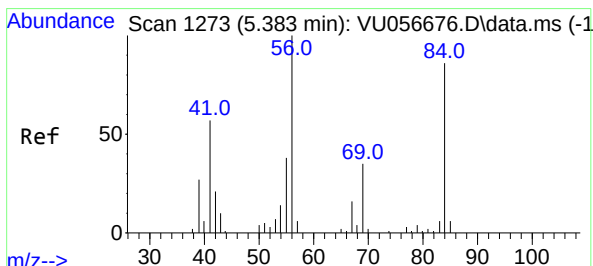
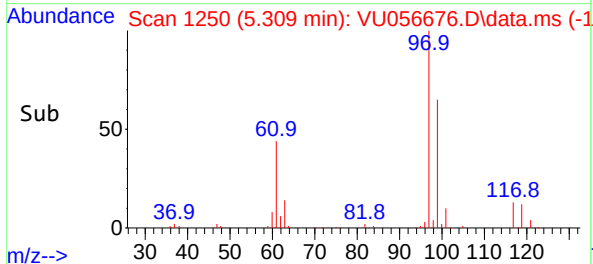
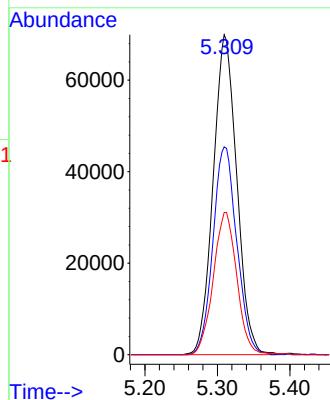
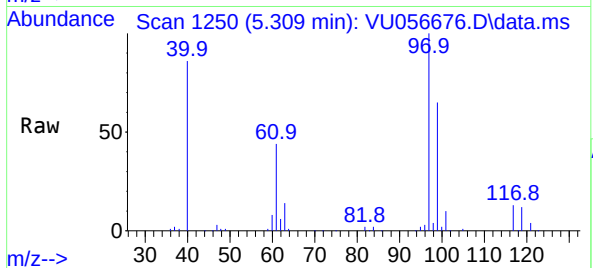




#29
1,1,1-Trichloroethane
Concen: 5.619 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

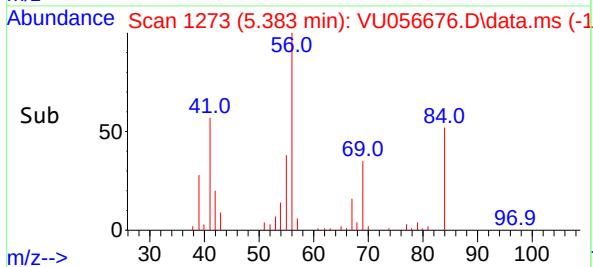
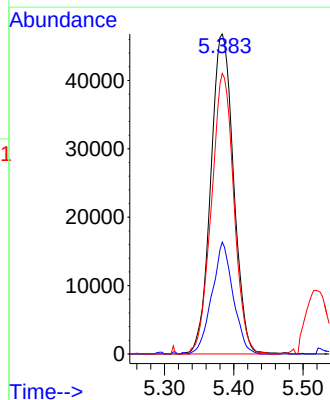
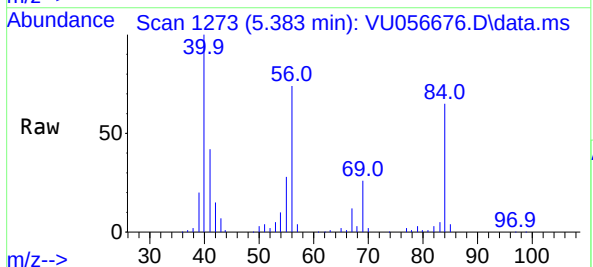
Instrument :
MSVOA_U
ClientSampleId :

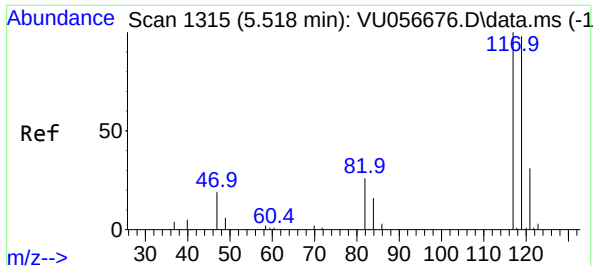
Tgt Ion: 97 Resp: 158136
Ion Ratio Lower Upper
97 100
99 65.6 51.6 77.4
61 44.3 34.3 51.5



#30
Cyclohexane
Concen: 4.010 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

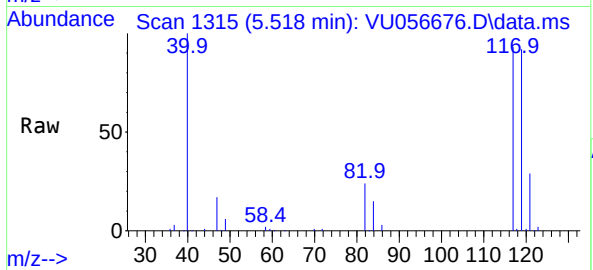
Tgt Ion: 56 Resp: 107105
Ion Ratio Lower Upper
56 100
69 32.4 25.4 38.2
84 86.1 68.6 103.0



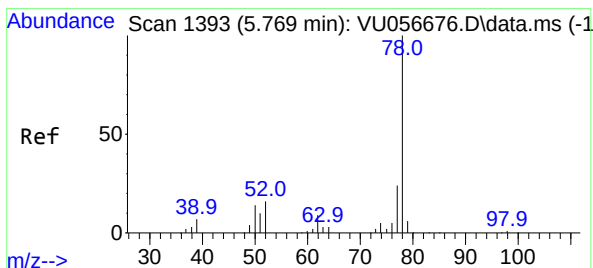
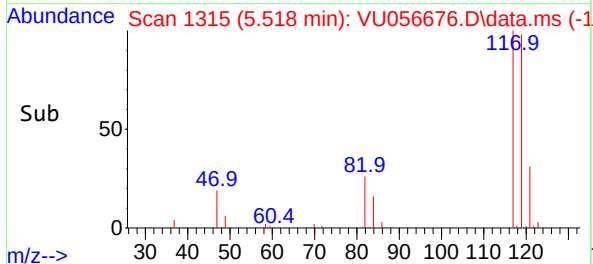
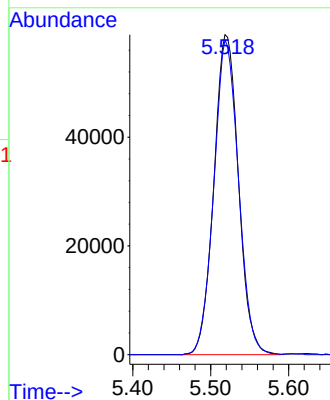


#31
Carbon tetrachloride
Concen: 5.330 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Instrument :
MSVOA_U
ClientSampleId :

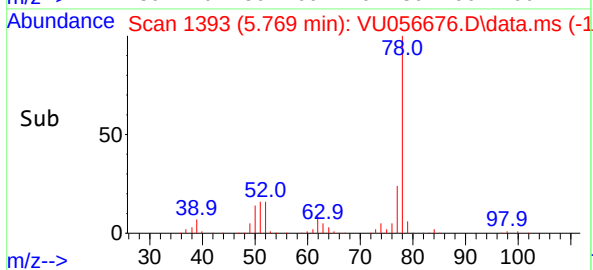
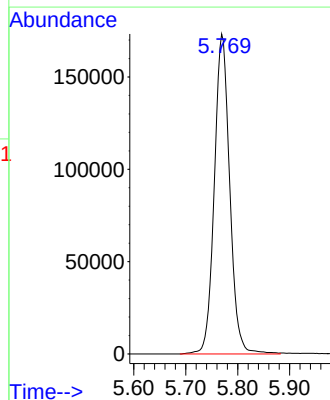
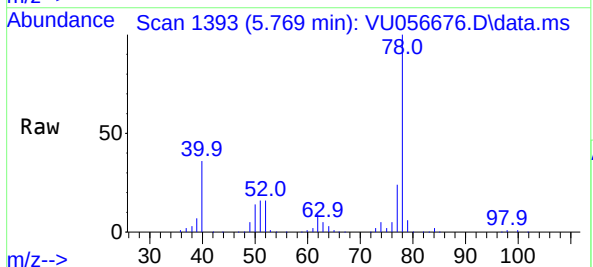


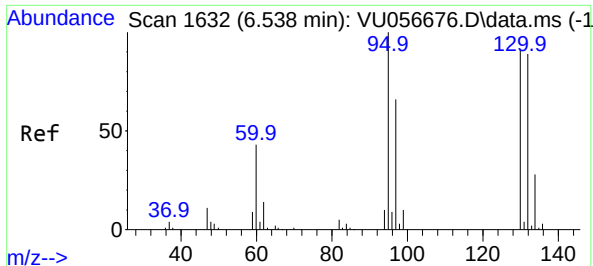
Tgt Ion:117 Resp: 128827
Ion Ratio Lower Upper
117 100
119 98.6 78.1 117.1



#33
Benzene
Concen: 5.105 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 78 Resp: 357123

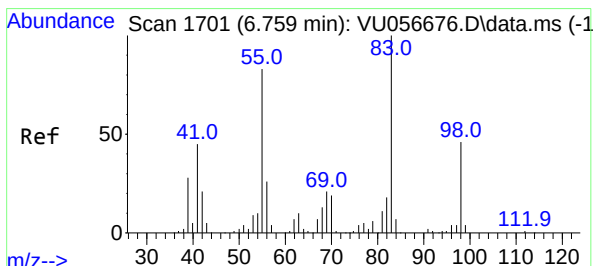
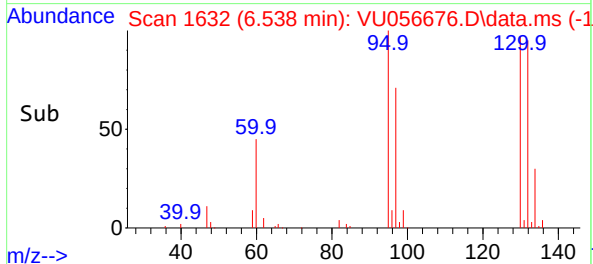
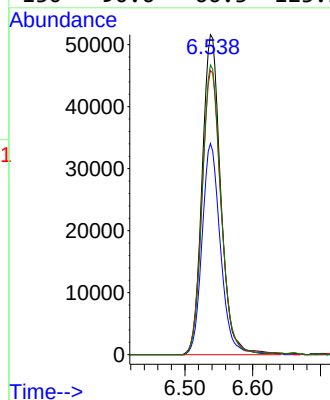
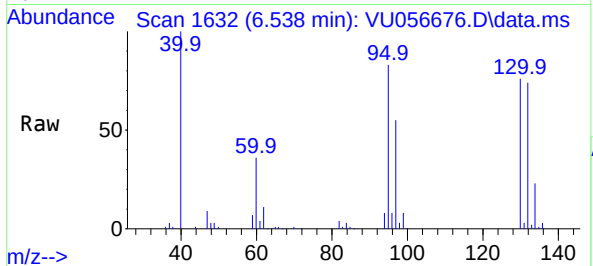




#34
Trichloroethene
Concen: 5.165 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

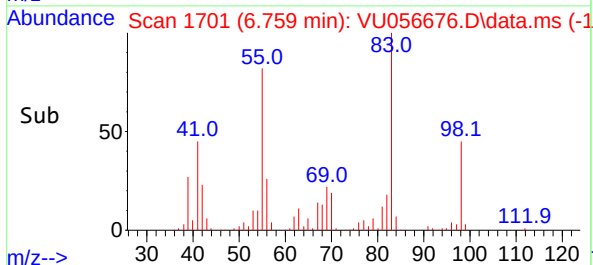
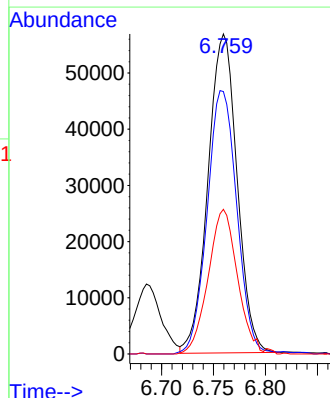
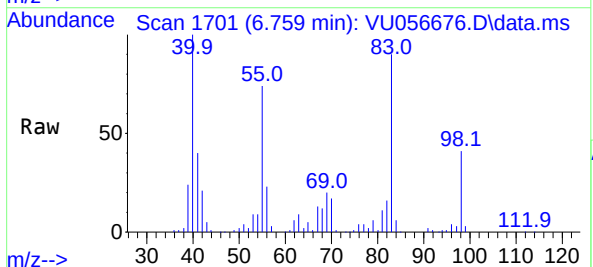
Instrument :
MSVOA_U
ClientSampleId :

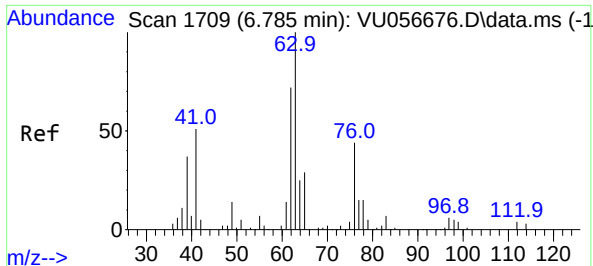
Tgt Ion: 95 Resp: 98450
Ion Ratio Lower Upper
95 100
97 66.0 46.5 86.3
132 88.8 62.0 115.2
130 90.6 66.3 123.1



#35
Methylcyclohexane
Concen: 4.022 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 83 Resp: 110675
Ion Ratio Lower Upper
83 100
55 84.1 62.9 94.3
98 45.5 35.3 52.9

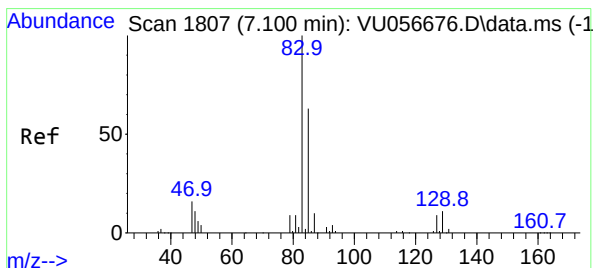
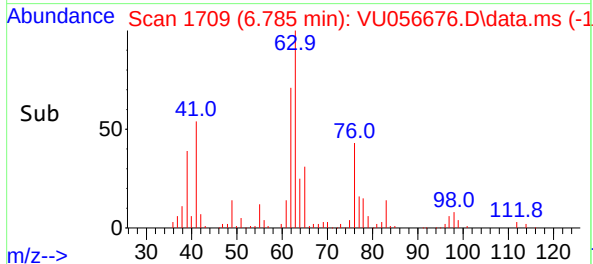
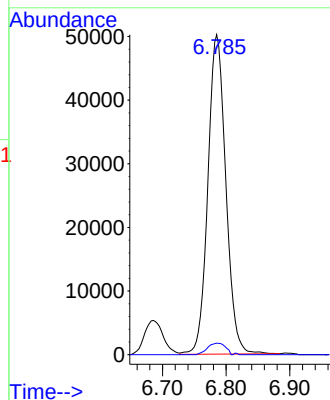
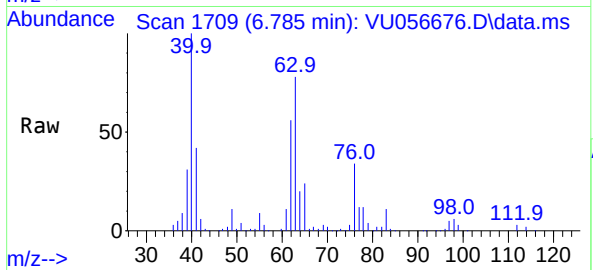




#37
1,2-Dichloropropane
Concen: 5.402 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

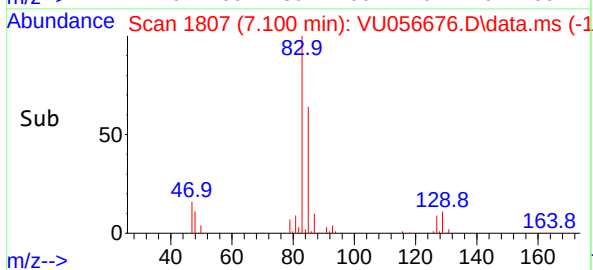
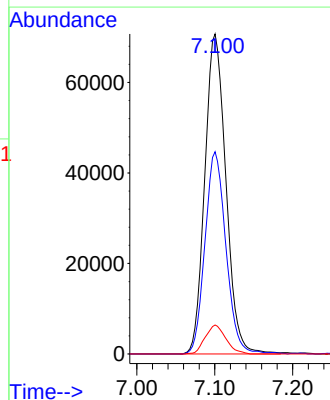
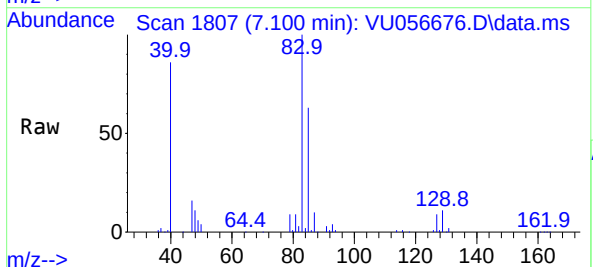
Instrument :
MSVOA_U
ClientSampleId :

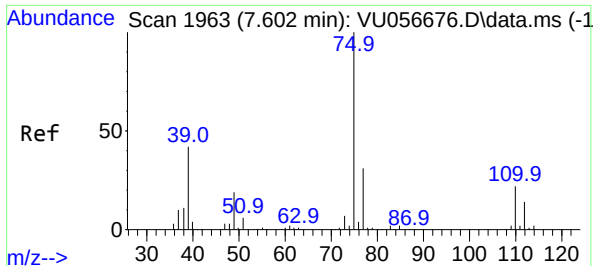
Tgt Ion: 63 Resp: 98546
Ion Ratio Lower Upper
63 100
112 3.6 3.2 4.8



#38
Bromodichloromethane
Concen: 5.656 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 83 Resp: 133200
Ion Ratio Lower Upper
83 100
85 63.2 44.9 83.5
127 9.1 6.9 10.3

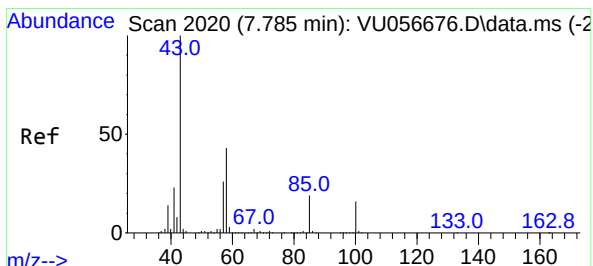
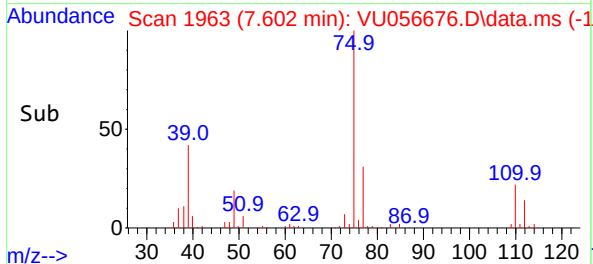
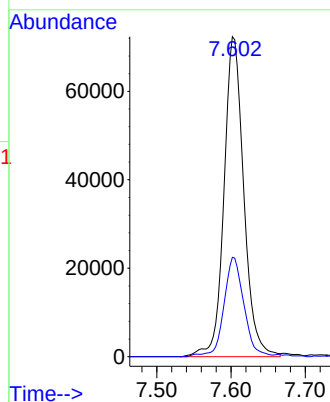
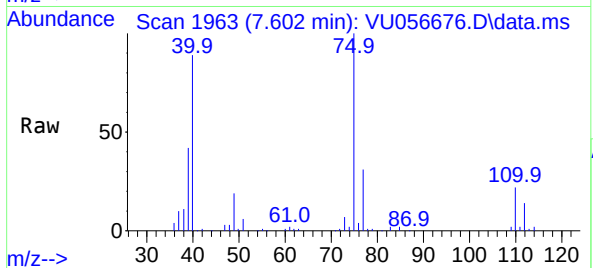




#39
cis-1,3-Dichloropropene
Concen: 5.009 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

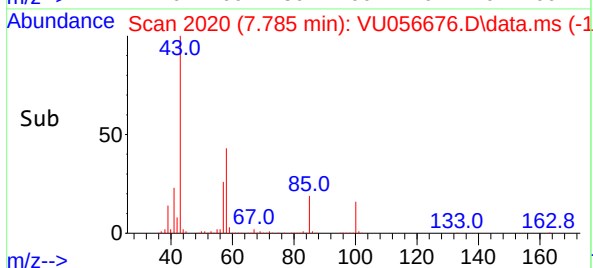
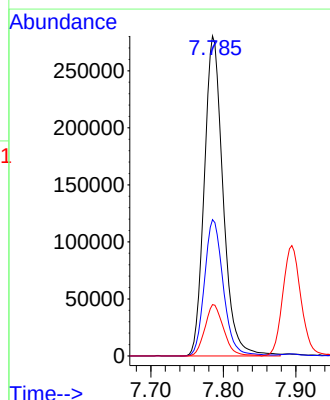
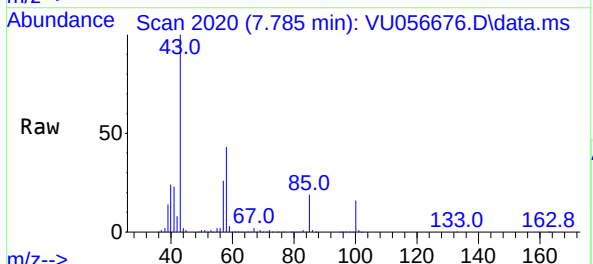
Instrument :
MSVOA_U
ClientSampleId :

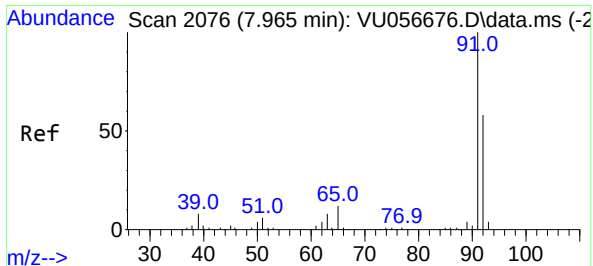
Tgt Ion: 75 Resp: 134281
Ion Ratio Lower Upper
75 100
77 31.0 21.5 39.9



#40
4-Methyl-2-pentanone
Concen: 55.977 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 43 Resp: 506217
Ion Ratio Lower Upper
43 100
58 42.7 33.8 50.8
100 16.0 13.0 19.4





#42

Toluene

Concen: 5.253 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056676.D

Acq: 07 Dec 2023 08:59

Instrument :

MSVOA_U

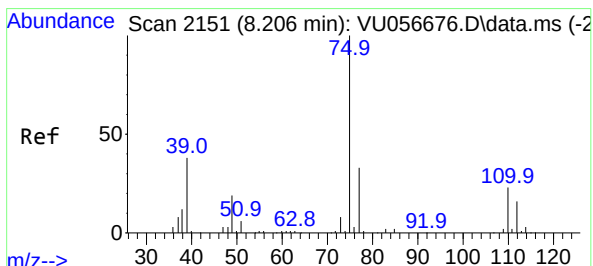
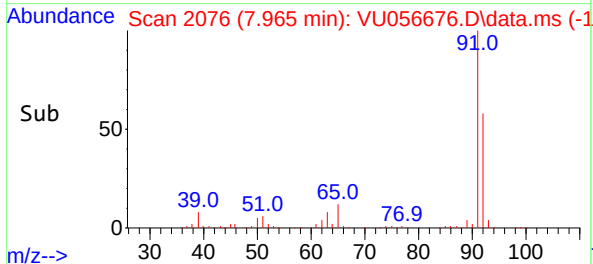
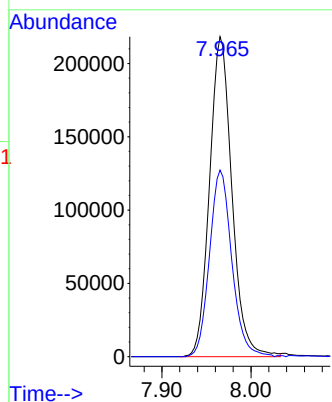
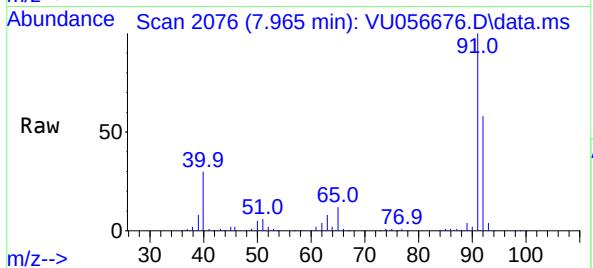
ClientSampleId :

Tgt Ion: 91 Resp: 380437

Ion Ratio Lower Upper

91 100

92 58.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.367 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056676.D

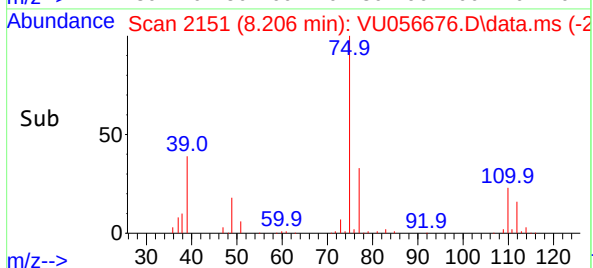
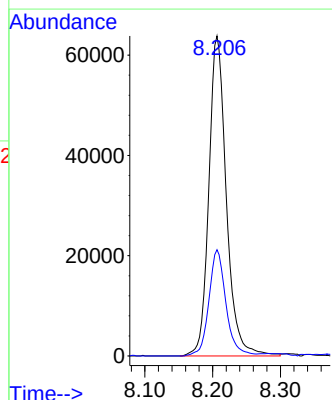
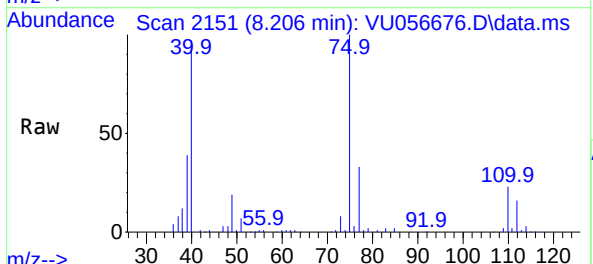
Acq: 07 Dec 2023 08:59

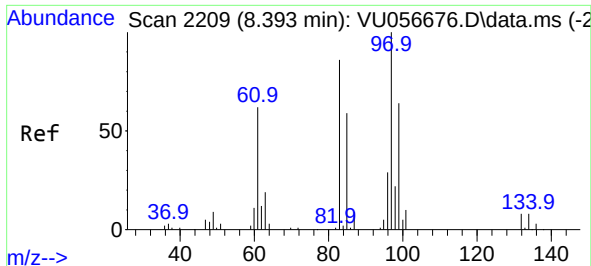
Tgt Ion: 75 Resp: 114687

Ion Ratio Lower Upper

75 100

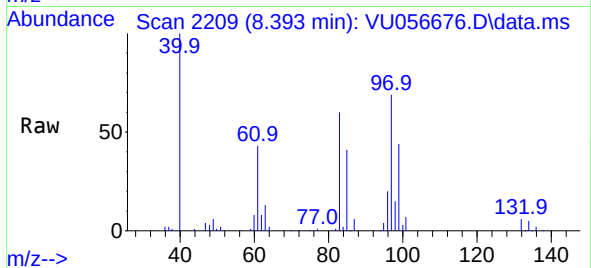
77 33.2 22.8 42.4



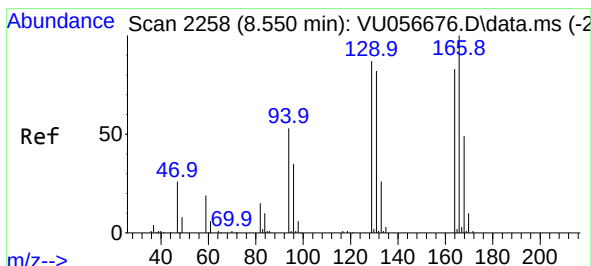
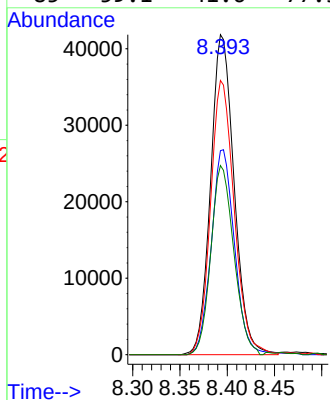
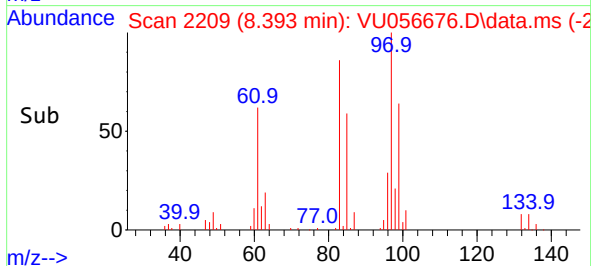


#45
1,1,2-Trichloroethane
Concen: 5.964 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

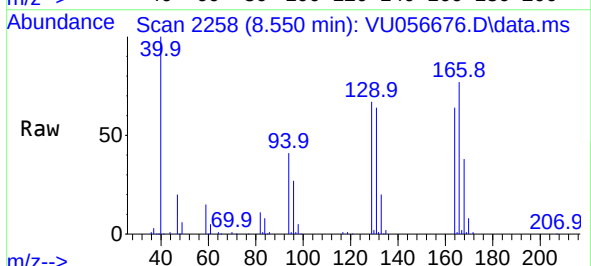
Instrument :
MSVOA_U
ClientSampleId :



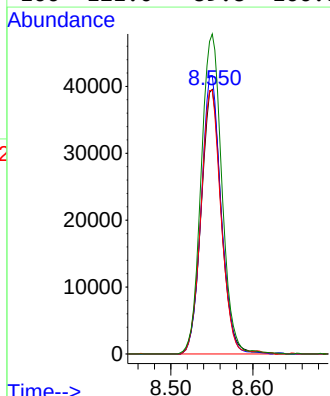
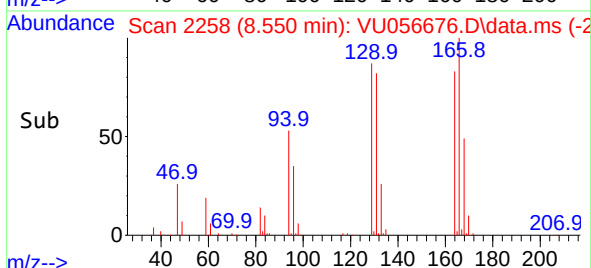
Tgt Ion:	97	Resp:	72457
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.3	82.3
83	85.7	65.4	121.4
85	59.1	41.6	77.3

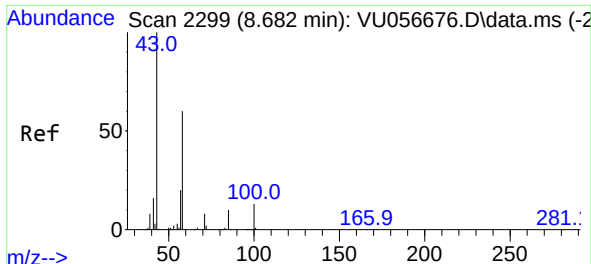


#47
Tetrachloroethene
Concen: 5.273 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59



Tgt Ion:	164	Resp:	67775
Ion	Ratio	Lower	Upper
164	100		
129	105.3	71.0	131.9
131	99.8	70.3	130.7
166	121.0	89.8	166.8



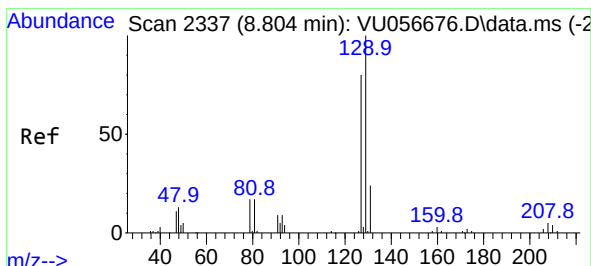
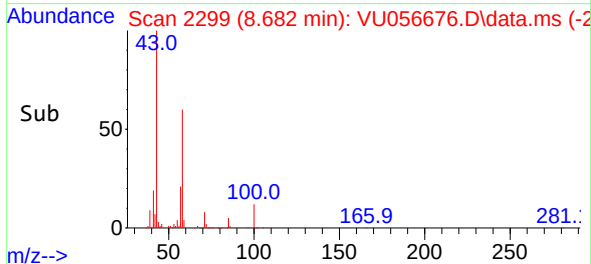
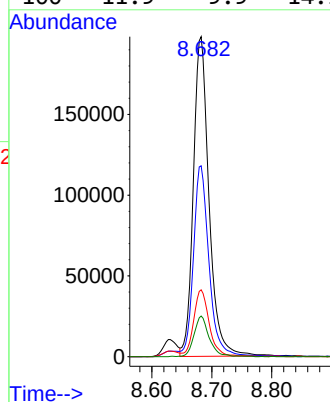
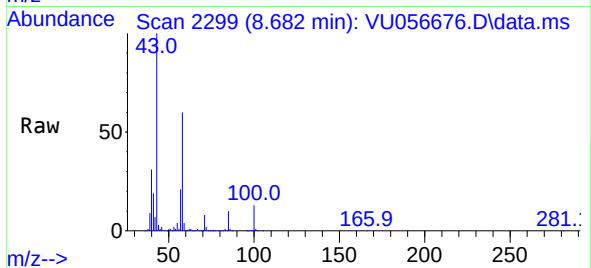


#48
2-Hexanone
Concen: 51.133 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 360244

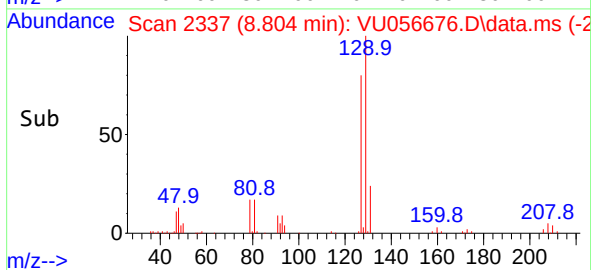
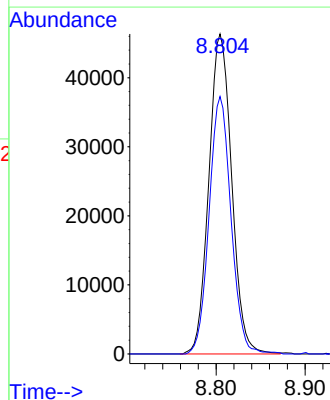
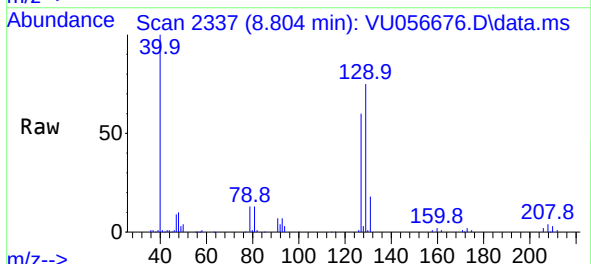
Ion	Ratio	Lower	Upper
43	100		
58	58.8	48.7	73.1
57	20.2	16.8	25.2
100	11.9	9.9	14.9

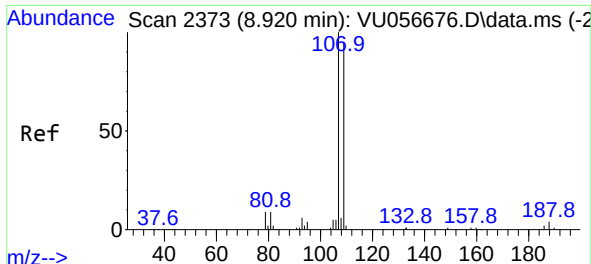


#49
Dibromochloromethane
Concen: 5.970 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 129 Resp: 82487

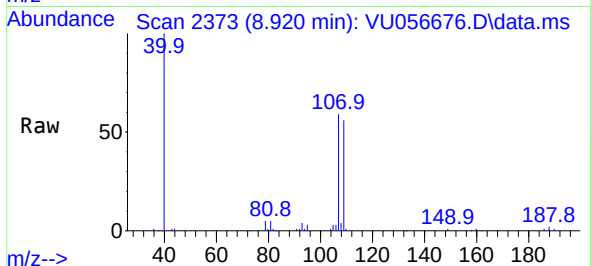
Ion	Ratio	Lower	Upper
129	100		
127	80.4	52.9	98.3



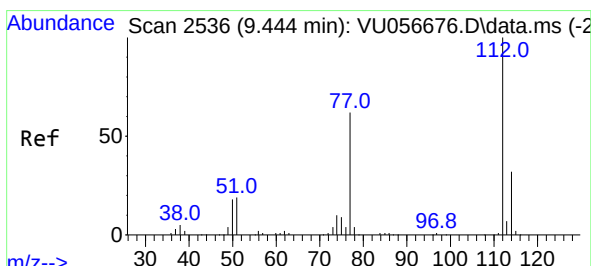
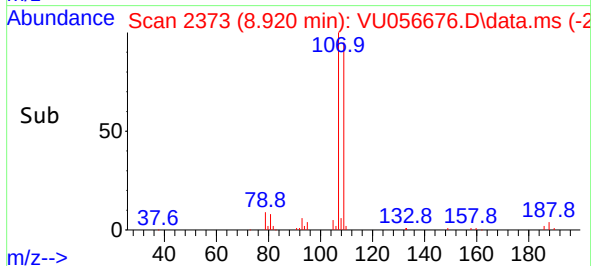
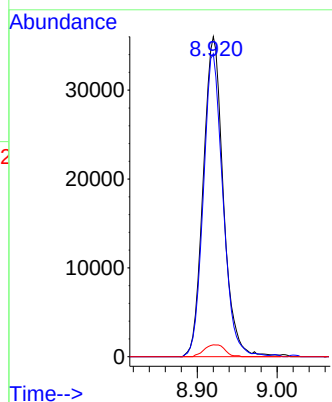


#50
1,2-Dibromoethane
Concen: 5.472 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Instrument :
MSVOA_U
ClientSampleId :

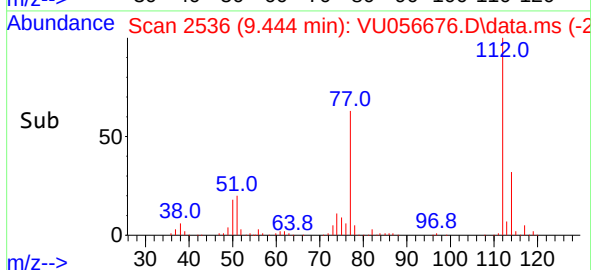
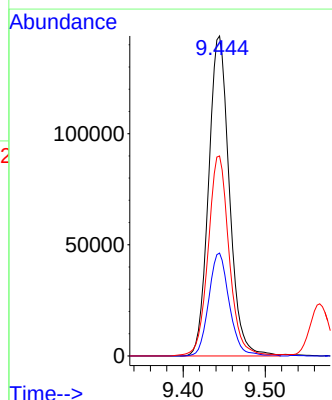
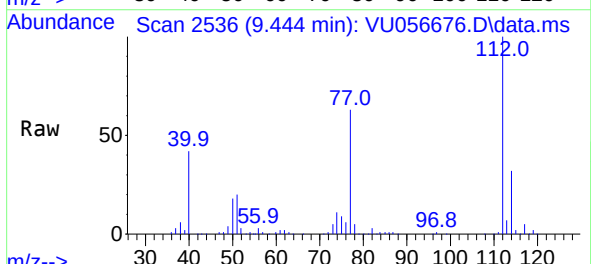


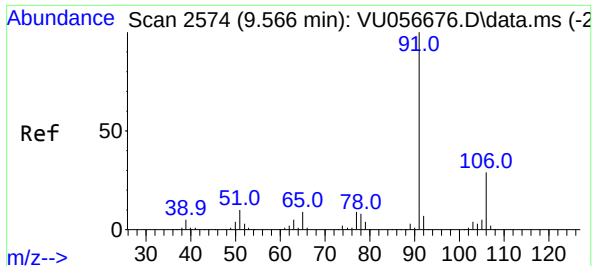
Tgt Ion:107 Resp: 62769
Ion Ratio Lower Upper
107 100
109 94.7 64.2 119.2
188 3.7 2.6 4.0



#51
Chlorobenzene
Concen: 5.434 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion:112 Resp: 252869
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.7
77 62.5 51.7 77.5

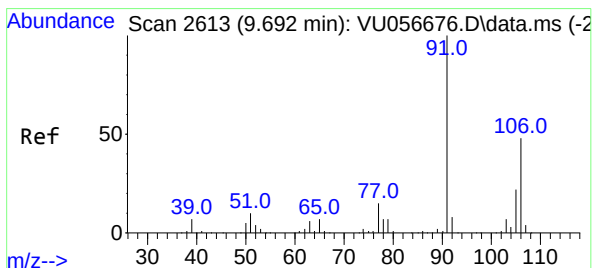
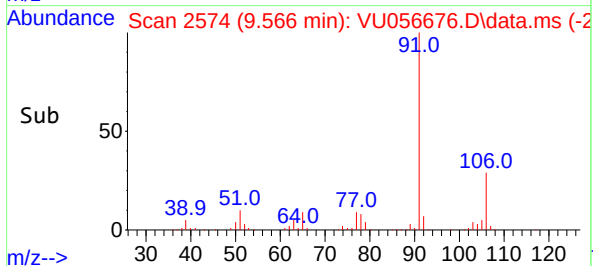
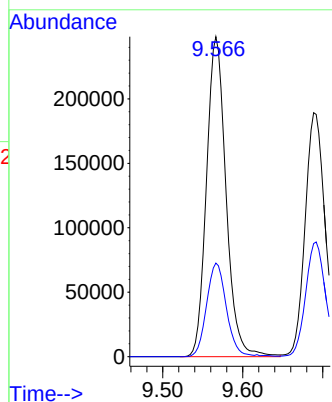
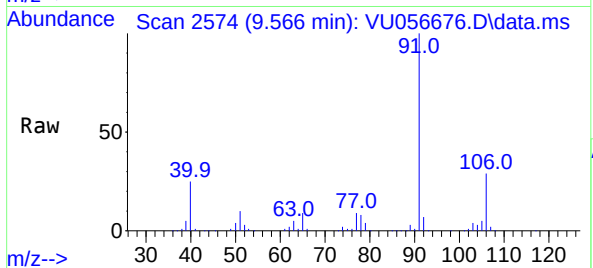




#52
Ethylbenzene
Concen: 5.248 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

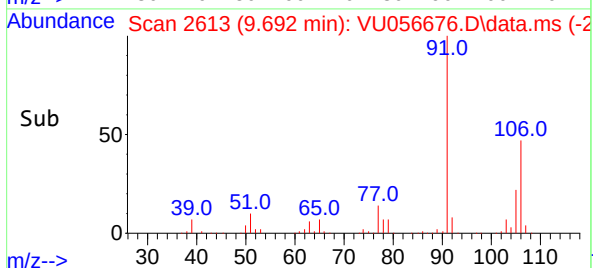
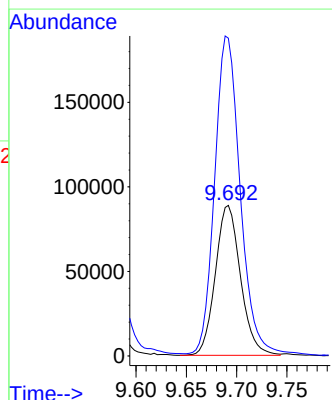
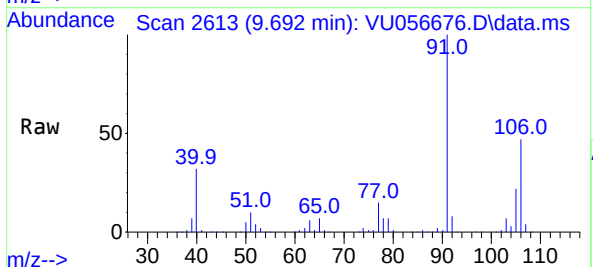
Instrument :
MSVOA_U
ClientSampleId :

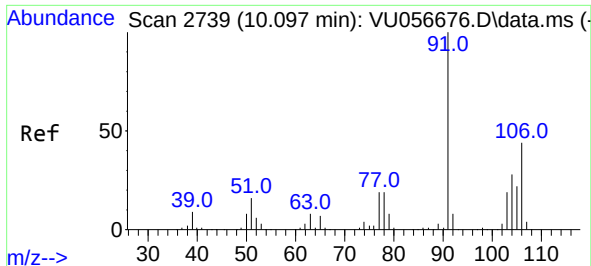
Tgt Ion: 91 Resp: 422071
Ion Ratio Lower Upper
91 100
106 29.2 21.1 39.1



#53
m,p-Xylene
Concen: 5.227 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 106 Resp: 154532
Ion Ratio Lower Upper
106 100
91 211.0 149.6 277.8

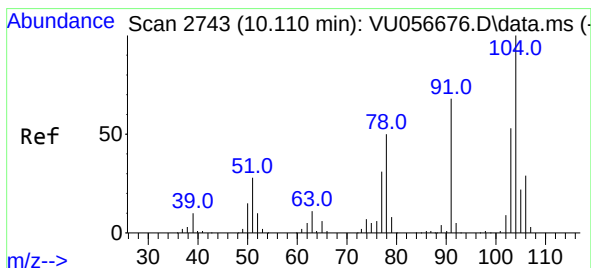
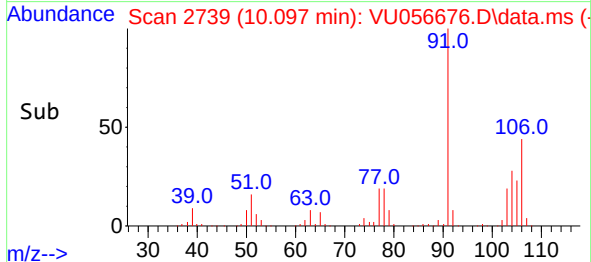
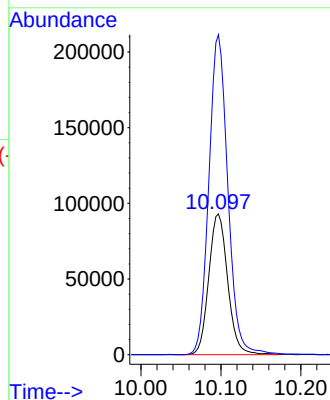
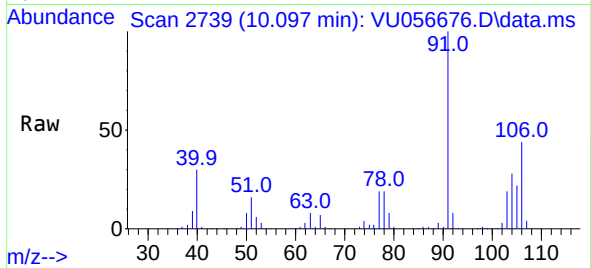




#54
o-Xylene
Concen: 5.342 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

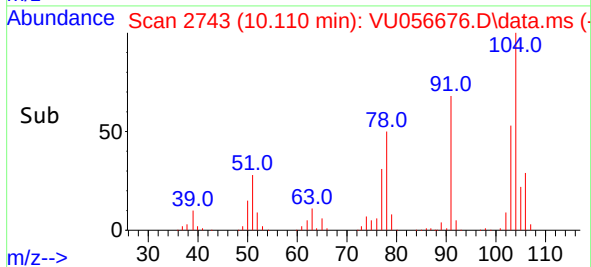
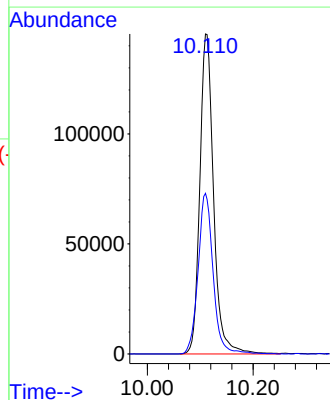
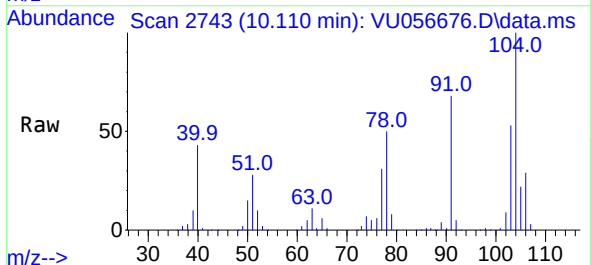
Instrument :
MSVOA_U
ClientSampleId :

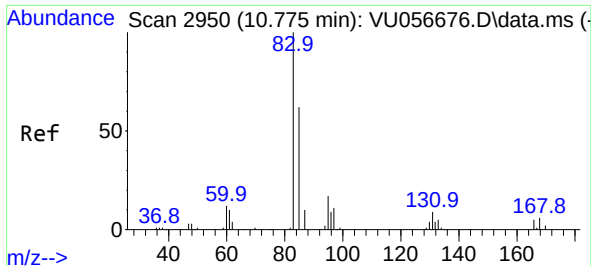
Tgt Ion:106 Resp: 153421
Ion Ratio Lower Upper
106 100
91 227.3 159.3 295.9



#55
Styrene
Concen: 5.499 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion:104 Resp: 262717
Ion Ratio Lower Upper
104 100
78 50.2 34.2 63.6



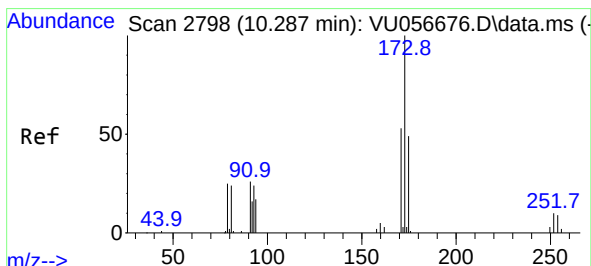
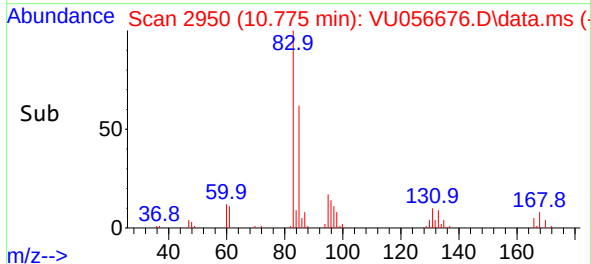
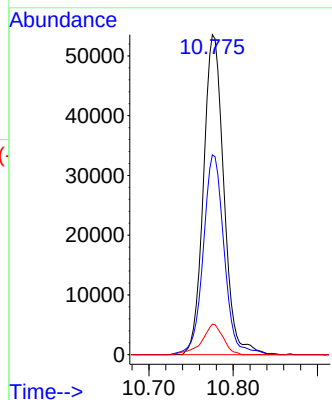
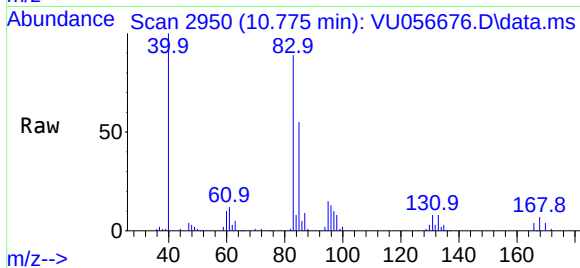


#57
1,1,2,2-Tetrachloroethane
Concen: 6.069 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 90039

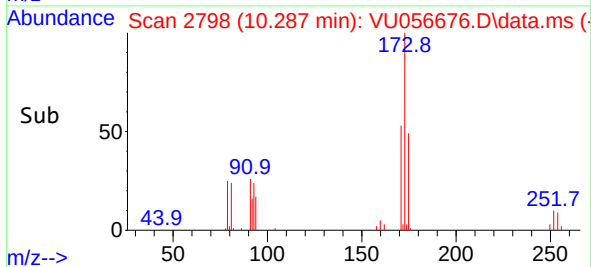
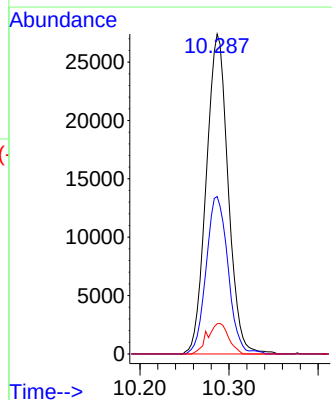
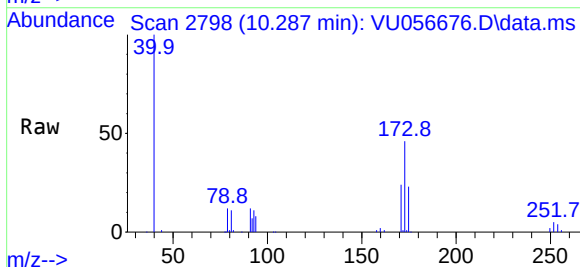
Ion	Ratio	Lower	Upper
83	100		
85	62.5	46.3	86.1
131	9.6	6.7	10.1

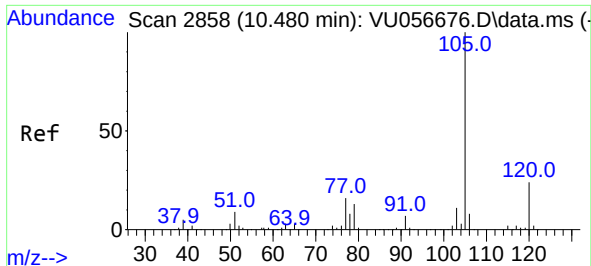


#59
Bromoform
Concen: 6.195 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 173 Resp: 46654

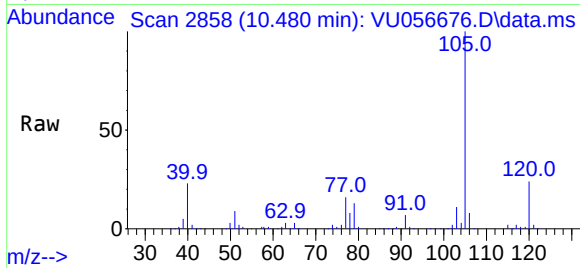
Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.9	58.3
254	9.2	6.7	10.1



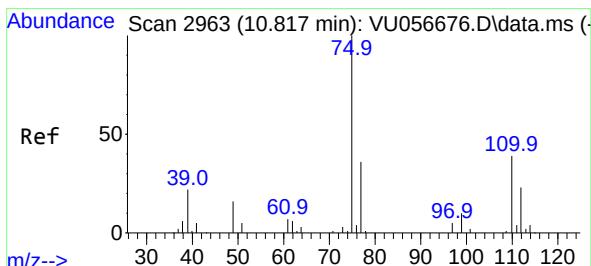
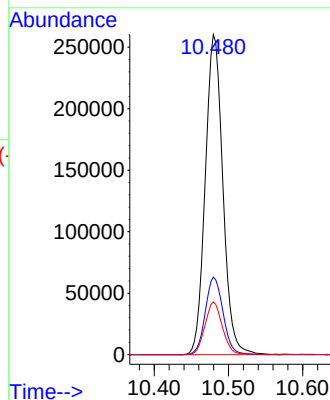
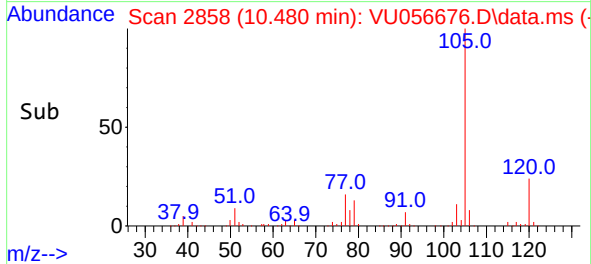


#60
Isopropylbenzene
Concen: 5.496 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Instrument :
MSVOA_U
ClientSampleId :

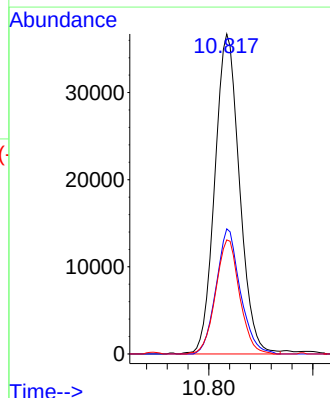
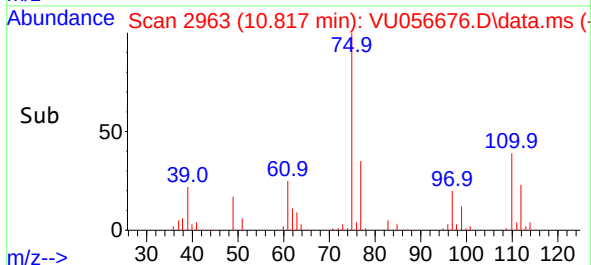
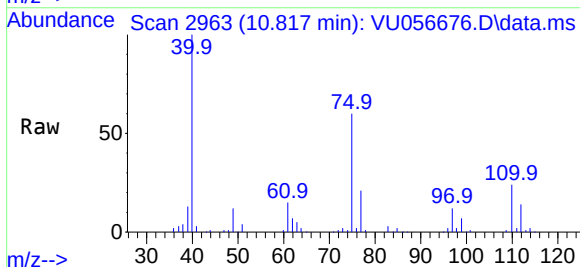


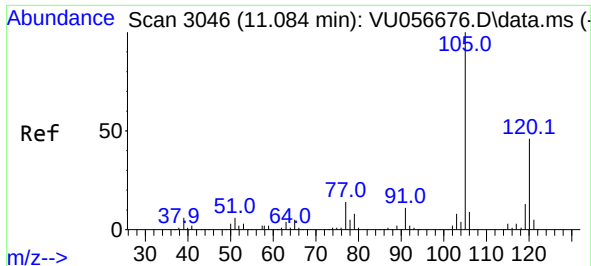
Tgt Ion:105 Resp: 428503
Ion Ratio Lower Upper
105 100
120 24.4 20.4 30.6
77 16.4 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 5.838 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 75 Resp: 60566
Ion Ratio Lower Upper
75 100
110 38.2 30.4 45.6
77 34.6 27.0 40.6

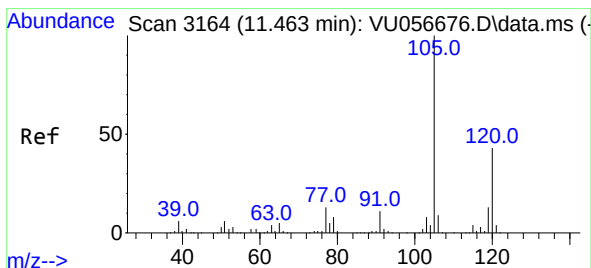
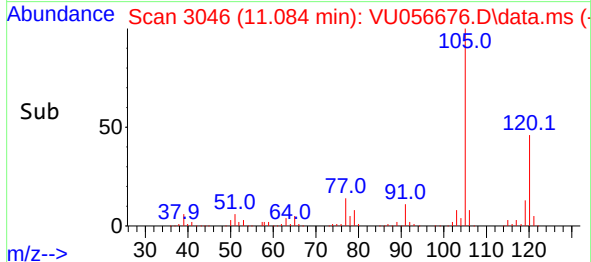
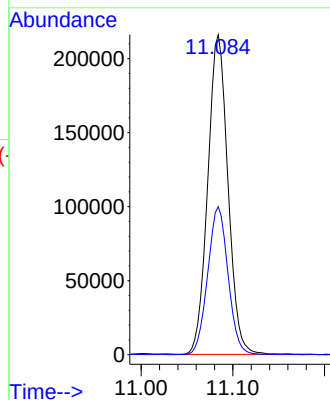
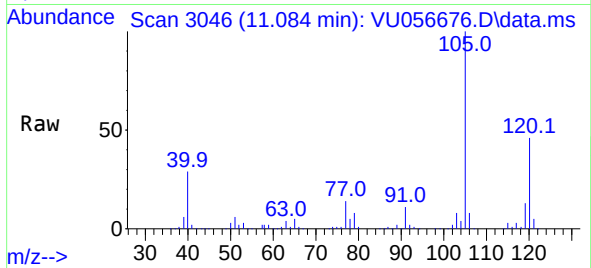




#62
1,3,5-Trimethylbenzene
Concen: 5.157 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

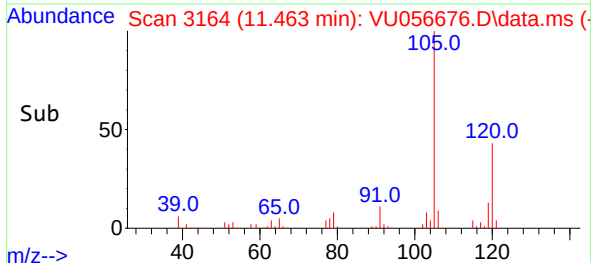
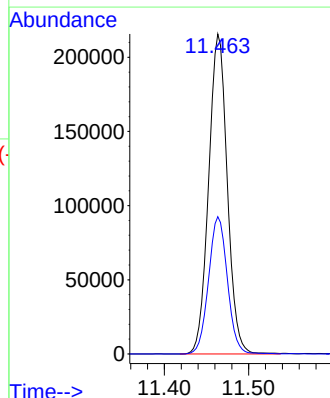
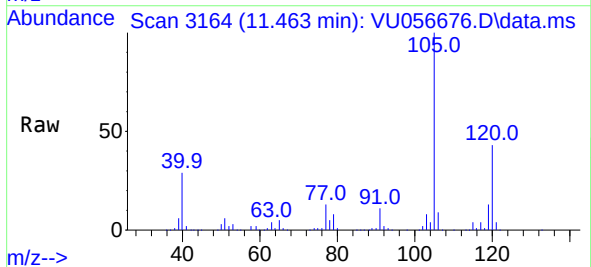
Instrument :
MSVOA_U
ClientSampleId :

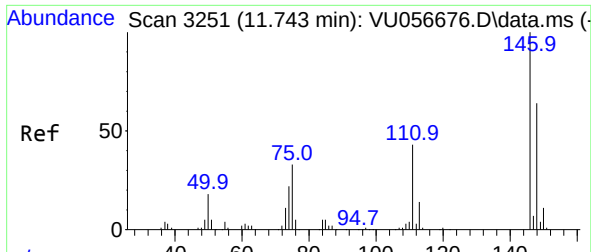
Tgt Ion:105 Resp: 330169
Ion Ratio Lower Upper
105 100
120 46.8 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 5.250 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion:105 Resp: 331749
Ion Ratio Lower Upper
105 100
120 43.4 34.0 51.0

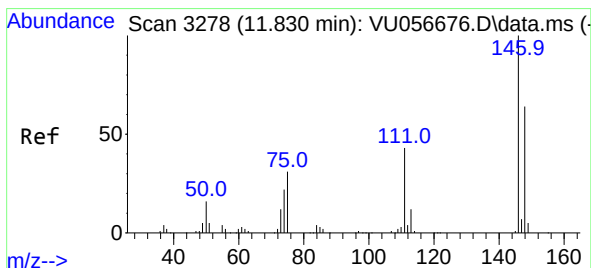
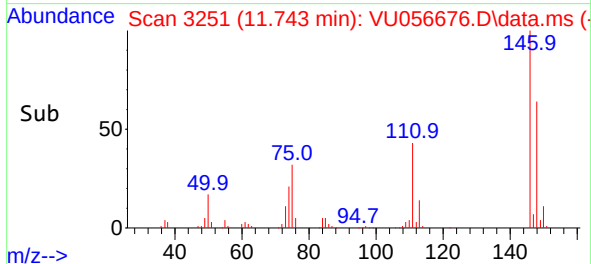
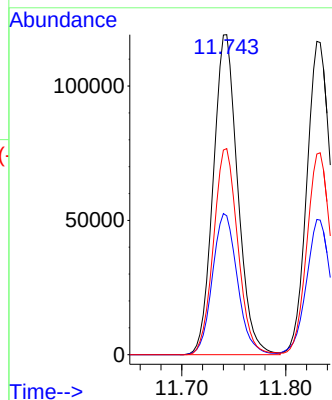
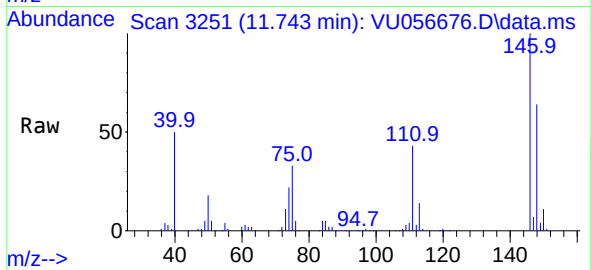




#64
1,3-Dichlorobenzene
Concen: 5.507 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

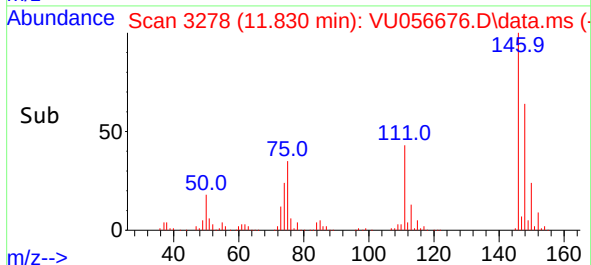
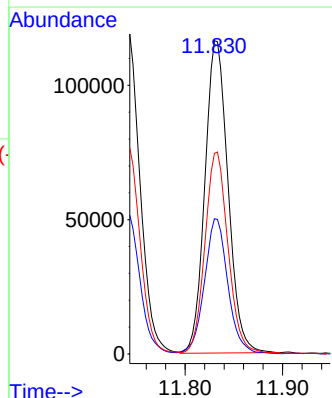
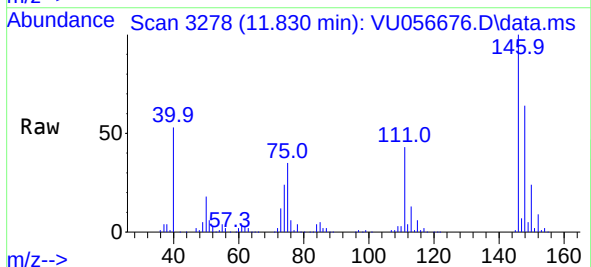
Instrument :
MSVOA_U
ClientSampleId :

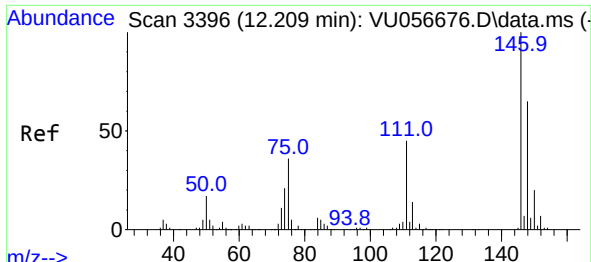
Tgt Ion:146 Resp: 195310
Ion Ratio Lower Upper
146 100
111 43.4 31.1 57.7
148 64.4 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.392 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion:146 Resp: 191826
Ion Ratio Lower Upper
146 100
111 43.1 30.5 56.7
148 64.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.660 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.003 min

Lab File: VU056676.D

Acq: 07 Dec 2023 08:59

Instrument :

MSVOA_U

ClientSampleId :

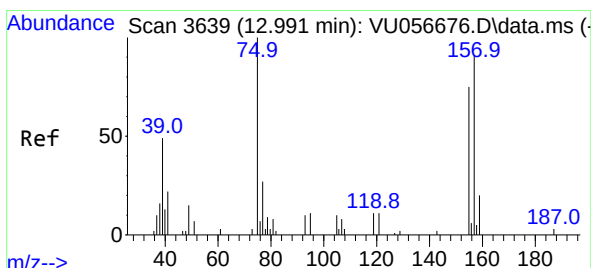
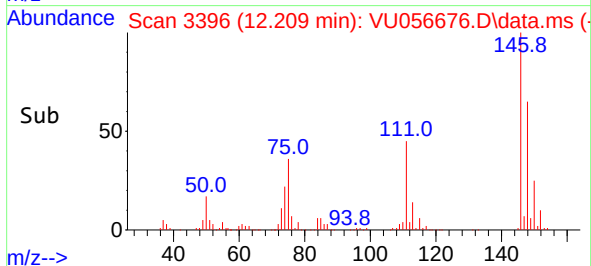
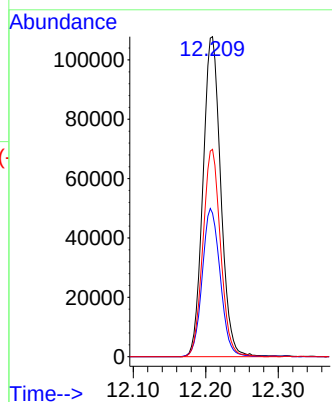
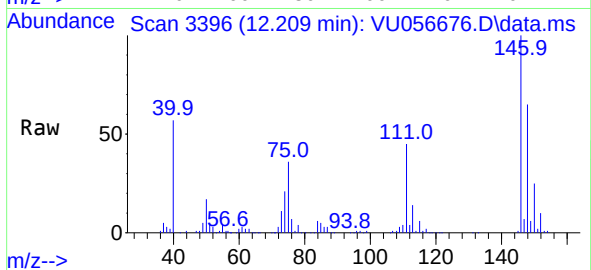
Tgt Ion:146 Resp: 184181

Ion Ratio Lower Upper

146 100

111 44.8 38.3 57.5

148 64.8 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.217 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU056676.D

Acq: 07 Dec 2023 08:59

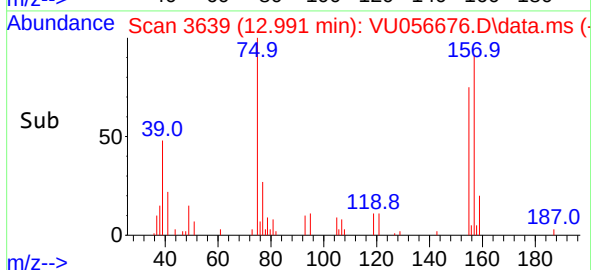
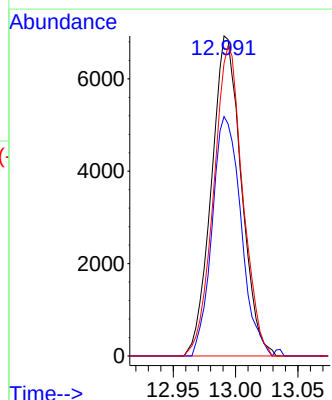
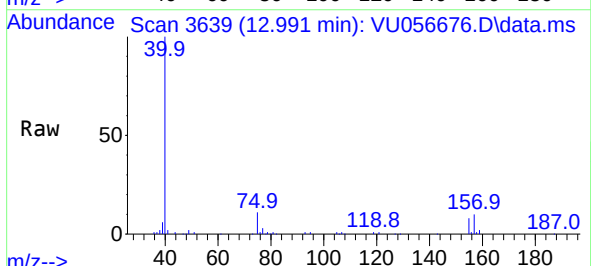
Tgt Ion: 75 Resp: 11560

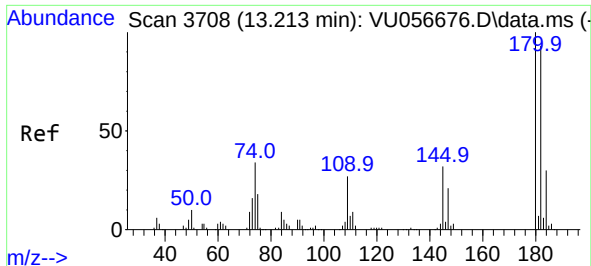
Ion Ratio Lower Upper

75 100

155 74.8 62.4 93.6

157 91.5 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 5.175 ug/L

RT: 13.213 min Scan# 31

Delta R.T. -0.003 min

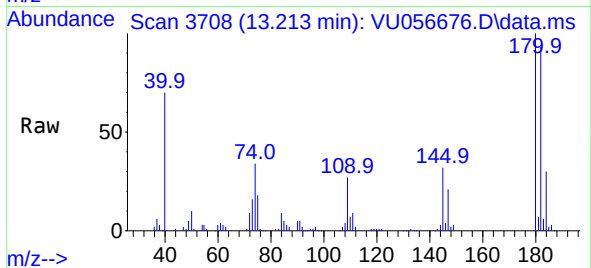
Lab File: VU056676.D

Acq: 07 Dec 2023 08:59

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 138188

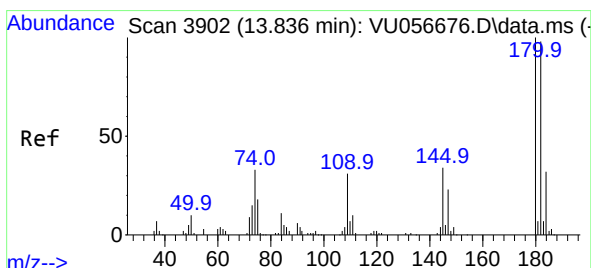
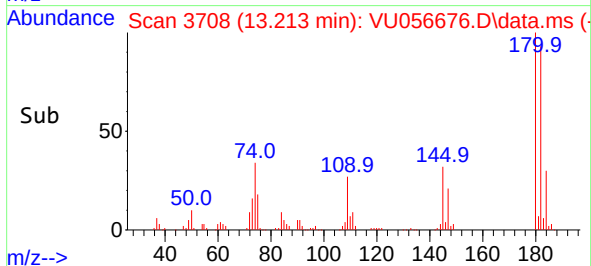
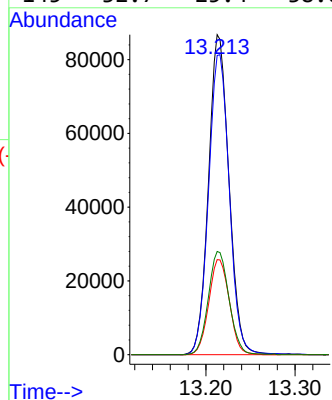
Ion Ratio Lower Upper

180 100

182 95.4 75.1 112.7

184 29.9 23.5 35.3

145 32.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.567 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU056676.D

Acq: 07 Dec 2023 08:59

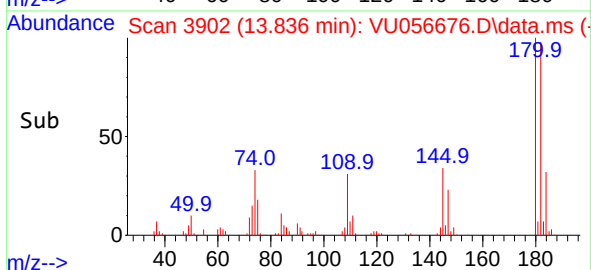
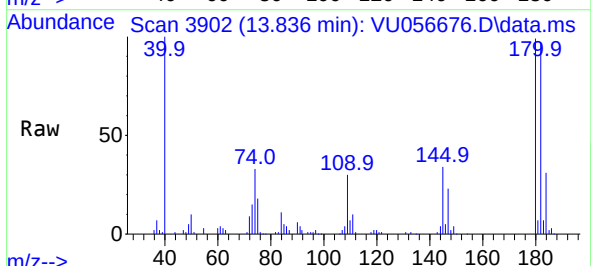
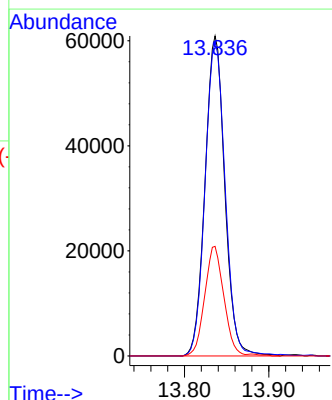
Tgt Ion:180 Resp: 99320

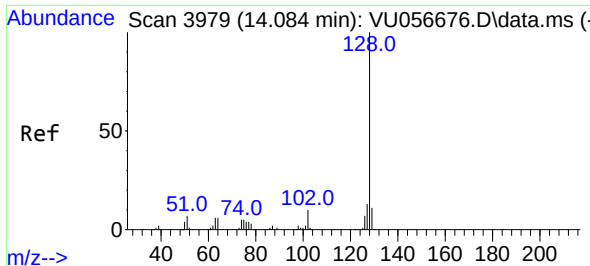
Ion Ratio Lower Upper

180 100

182 99.8 75.4 113.2

145 33.2 26.8 40.2



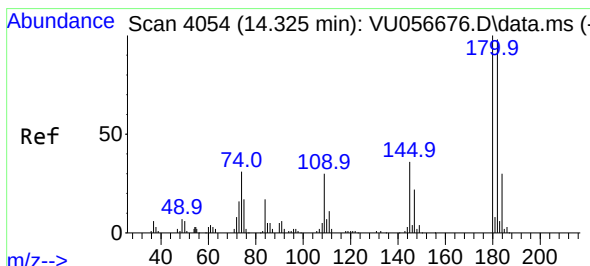
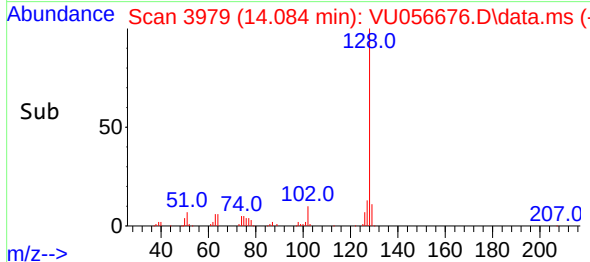
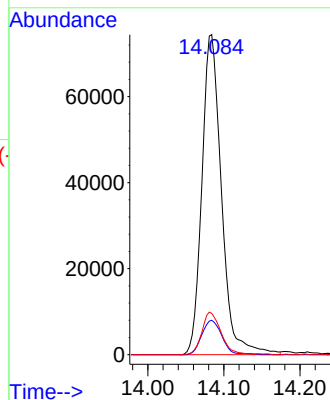
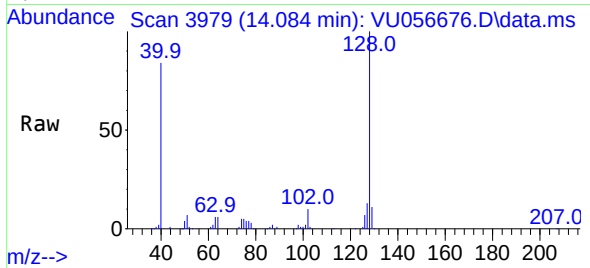


#71
Naphthalene
Concen: 4.054 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 133214

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	12.9	10.3	15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.641 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU056676.D
Acq: 07 Dec 2023 08:59

Tgt Ion:180 Resp: 83157

Ion	Ratio	Lower	Upper
180	100		
182	98.2	78.6	117.8
145	35.3	29.0	43.6

