

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056094.D
 Acq On : 07 Nov 2023 12:03
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 00:34:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:28:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	393699	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	380685	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	189529	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	120159	4.917	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.908	69	86579	5.221	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.560	65	54035	5.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	4.618	46	208021	51.888	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.780%
24) Chloroform-d	5.059	84	232085	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.695	65	102006	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.721	84	472457	5.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.685	67	135361	5.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.894	98	438007	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	8.177	79	51616	5.017	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.628	63	182244	54.047	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.100%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98890	5.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	145452	4.977	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	180786	5.415	ug/L	98
3) Chloromethane	1.515	50	160754	5.140	ug/L	96
5) Vinyl chloride	1.602	62	173457	5.361	ug/L	99
6) Bromomethane	1.853	94	95492	5.138	ug/L	96
8) Chloroethane	1.927	64	95509	5.444	ug/L	99
9) Trichlorofluoromethane	2.133	101	228464	5.338	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	147041	5.393	ug/L	98
12) 1,1-Dichloroethene	2.576	96	138224	5.463	ug/L	96
13) Acetone	2.628	43	150179	50.795	ug/L	99
14) Carbon disulfide	2.789	76	459404	5.328	ug/L	99
15) Methyl Acetate	2.949	43	42091	5.045	ug/L	99
16) Methylene chloride	3.039	84	150265	5.179	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	307229	5.389	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	142806	5.326	ug/L	99
19) 1,1-Dichloroethane	3.862	63	255720	5.228	ug/L	97
21) 2-Butanone	4.698	43	266781	54.714	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	154924	5.352	ug/L	97
23) Bromochloromethane	4.972	128	67957	5.291	ug/L	93
25) Chloroform	5.081	83	268604	5.154	ug/L	99

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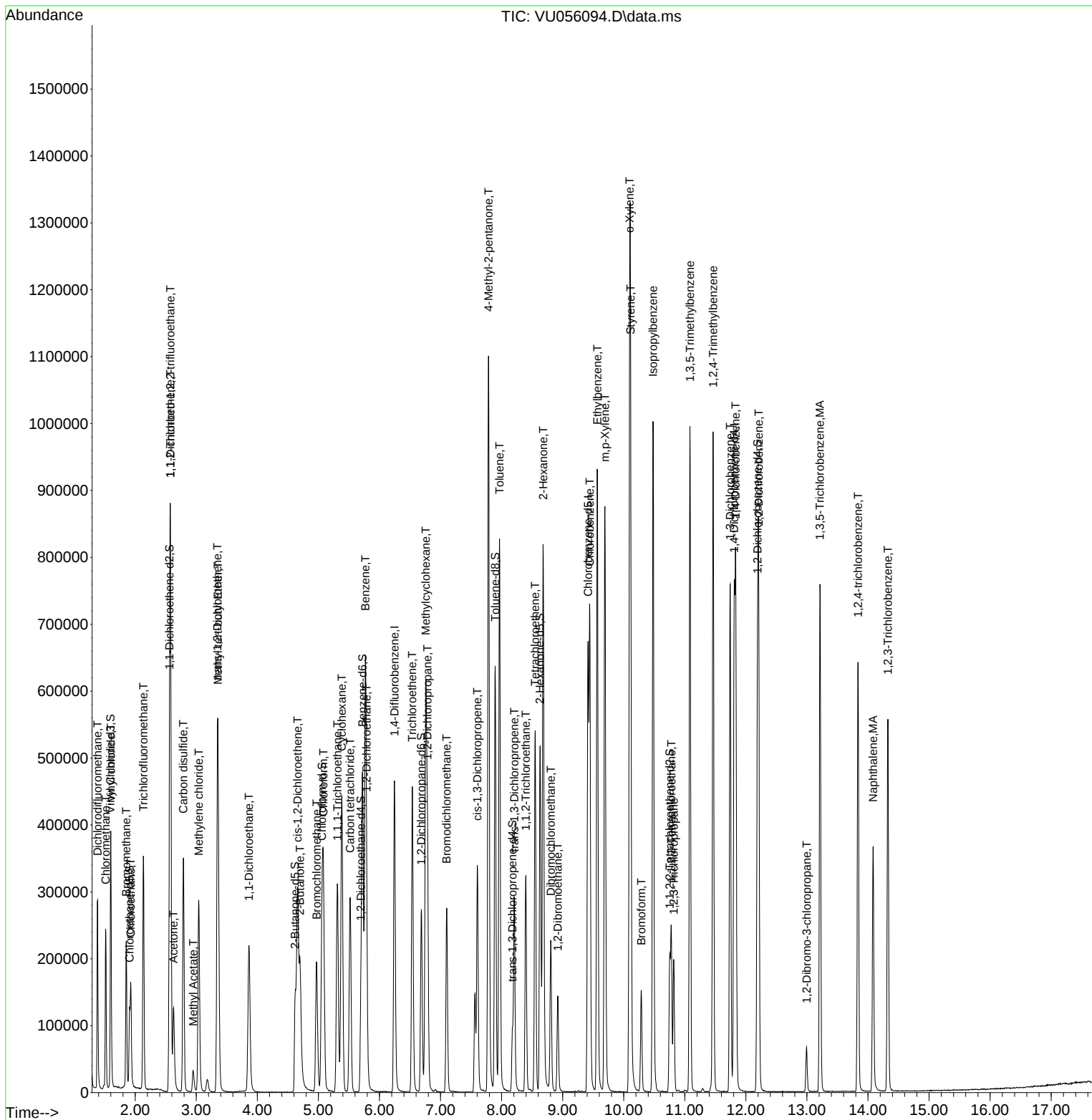
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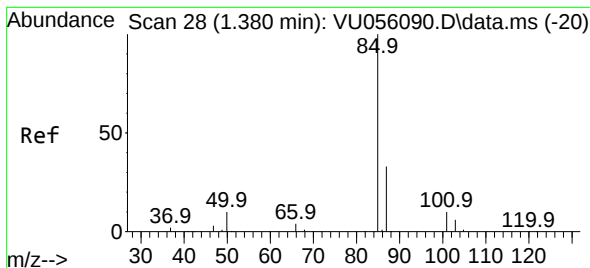
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	152027	5.154	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	233734	5.359	ug/L	100
30) Cyclohexane	5.383	56	228823	5.616	ug/L	98
31) Carbon tetrachloride	5.518	117	210011	5.423	ug/L	100
33) Benzene	5.769	78	595831	5.466	ug/L	100
34) Trichloroethene	6.538	95	162797	5.468	ug/L	97
35) Methylcyclohexane	6.759	83	245645	5.551	ug/L	99
37) 1,2-Dichloropropane	6.785	63	149691	5.281	ug/L	100
38) Bromodichloromethane	7.100	83	182899	5.167	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	215957	5.398	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	675767	54.502	ug/L	100
42) Toluene	7.965	91	636715	5.541	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	173790	5.365	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	106086	5.474	ug/L	99
47) Tetrachloroethene	8.550	164	122868	5.498	ug/L	97
48) 2-Hexanone	8.679	43	495328	54.869	ug/L	98
49) Dibromochloromethane	8.804	129	118574	5.333	ug/L	97
50) 1,2-Dibromoethane	8.920	107	96145	5.310	ug/L #	100
51) Chlorobenzene	9.444	112	395885	5.340	ug/L	99
52) Ethylbenzene	9.566	91	695880	5.557	ug/L	100
53) m,p-Xylene	9.692	106	267072	5.608	ug/L	97
54) o-Xylene	10.097	106	256462	5.617	ug/L	95
55) Styrene	10.113	104	434567	5.818	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	123309	5.415	ug/L	98
59) Bromoform	10.287	173	69483	5.279	ug/L	98
60) Isopropylbenzene	10.480	105	690635	5.620	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	85860	5.248	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	555377	5.573	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	557757	5.706	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	324790	5.581	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	312203	5.425	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	290451	5.416	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	17992	5.214	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	240352	5.514	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	197324	5.706	ug/L	100
71) Naphthalene	14.084	128	306486	5.975	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	172684	5.696	ug/L	98

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

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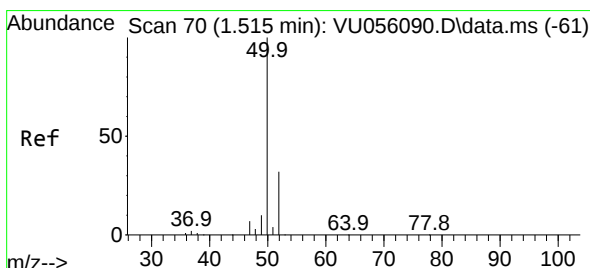
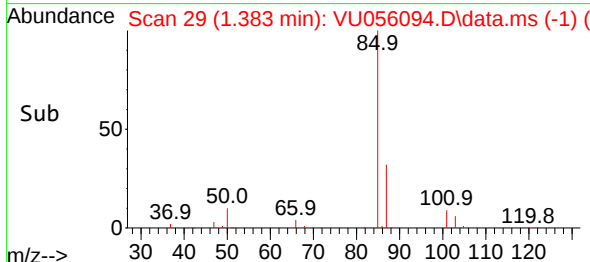
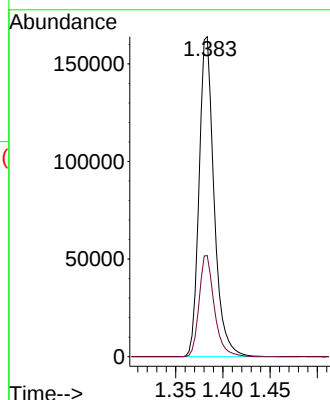
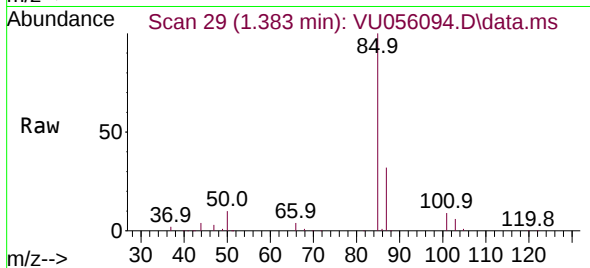




#2
 Dichlorodifluoromethane
 Concen: 5.415 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU056094.D
 Acq: 07 Nov 2023 12:03

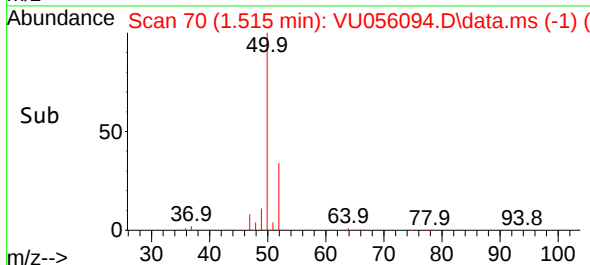
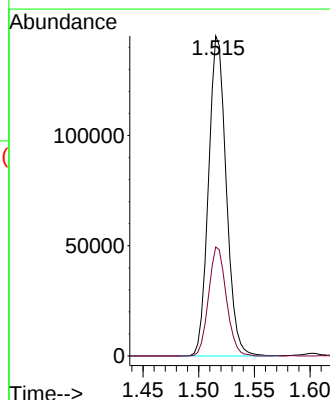
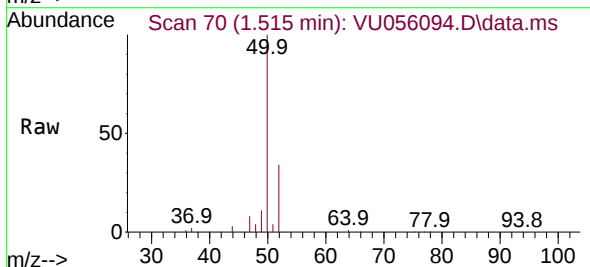
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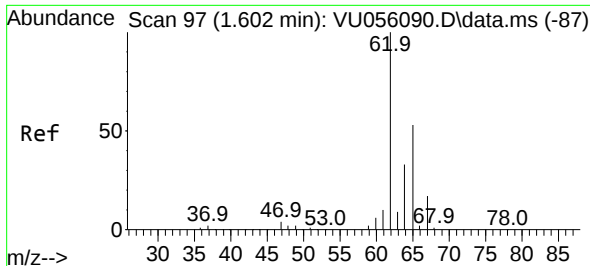
Tgt Ion: 85 Resp: 180786
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.4 39.6



#3
 Chloromethane
 Concen: 5.140 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU056094.D
 Acq: 07 Nov 2023 12:03

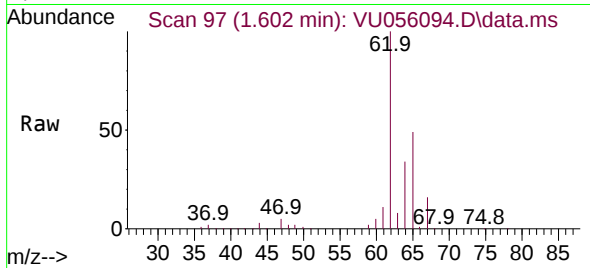
Tgt Ion: 50 Resp: 160754
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.2 41.2



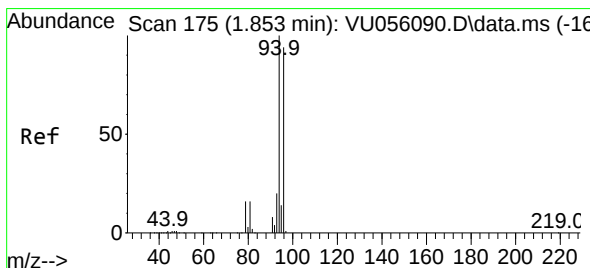
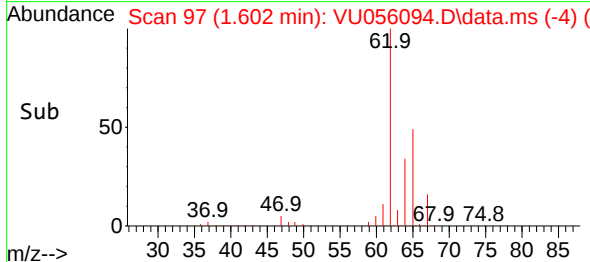
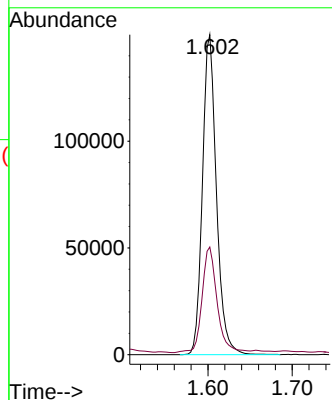


#5
 Vinyl chloride
 Concen: 5.361 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056094.D
 Acq: 07 Nov 2023 12:03

Instrument :
 MSVOA_U
 ClientSampleId :

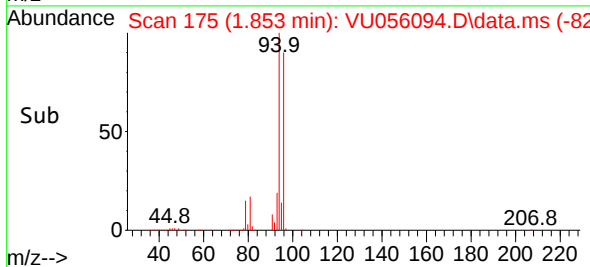
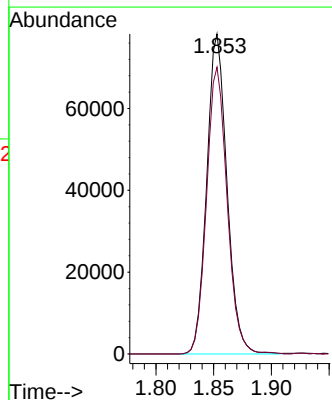
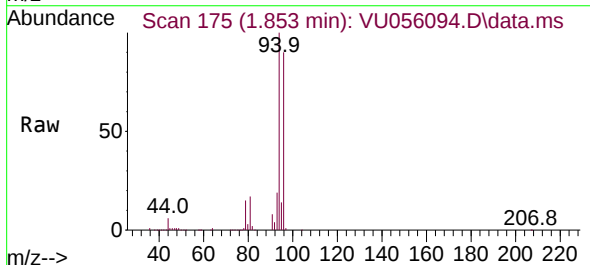


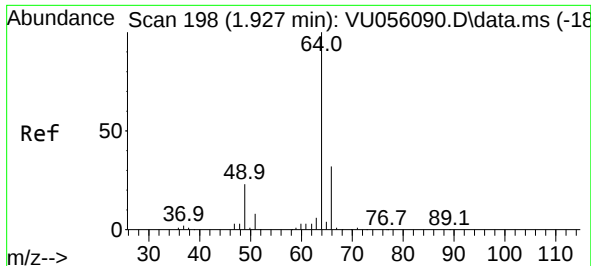
Tgt Ion: 62 Resp: 173457
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.1 44.7



#6
 Bromomethane
 Concen: 5.138 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU056094.D
 Acq: 07 Nov 2023 12:03

Tgt Ion: 94 Resp: 95492
 Ion Ratio Lower Upper
 94 100
 96 89.6 65.6 121.8

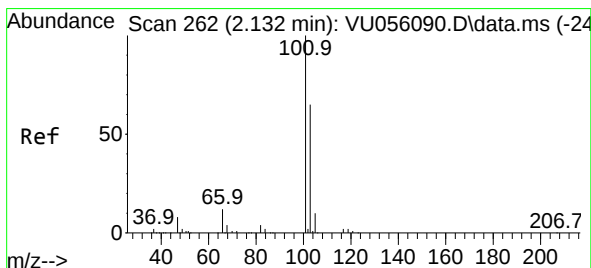
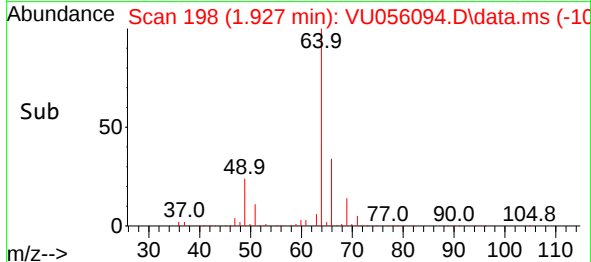
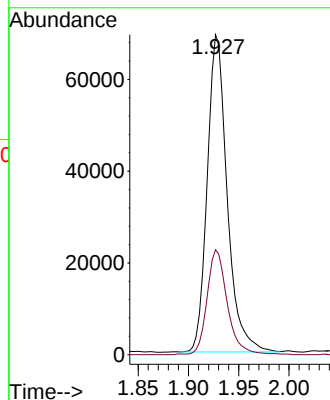
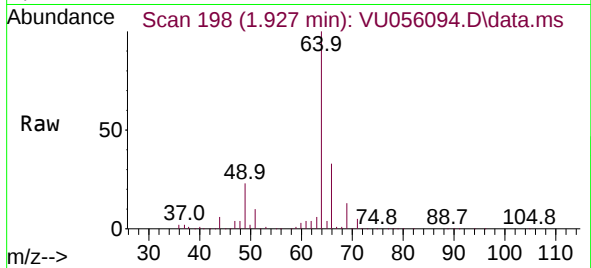




#8
Chloroethane
Concen: 5.444 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

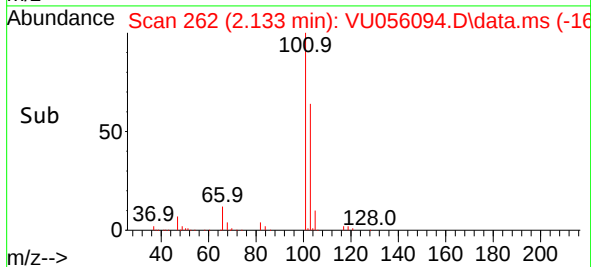
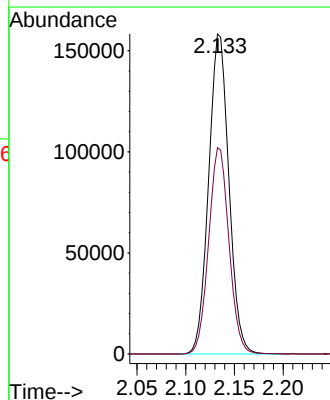
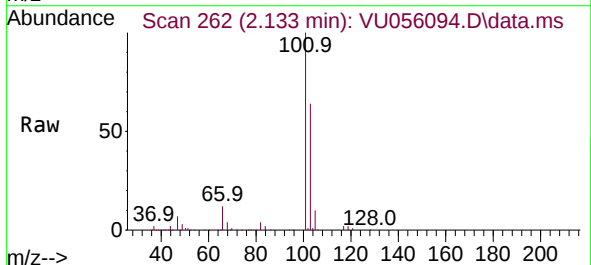
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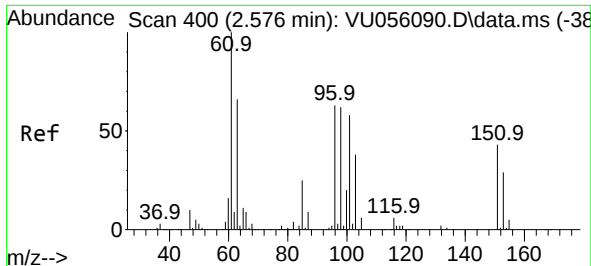
Tgt Ion: 64 Resp: 95509
Ion Ratio Lower Upper
64 100
66 32.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.338 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

Tgt Ion: 101 Resp: 228464
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

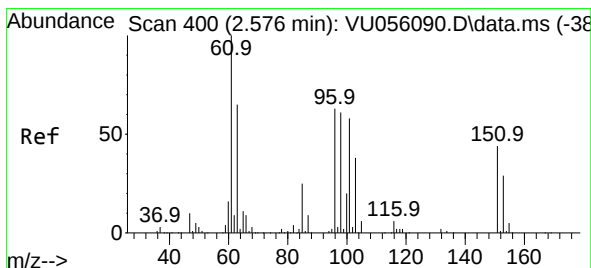
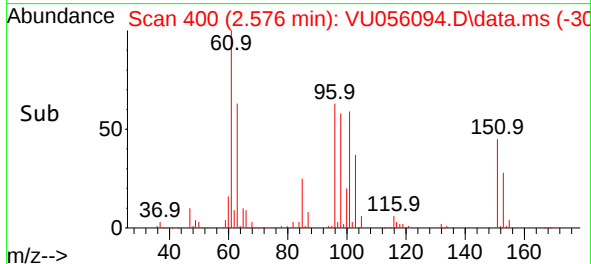
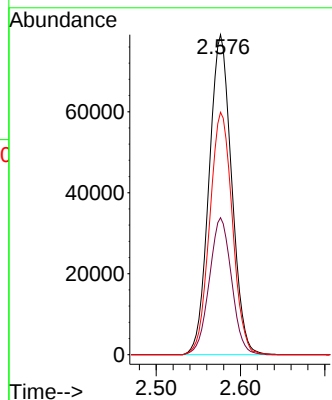
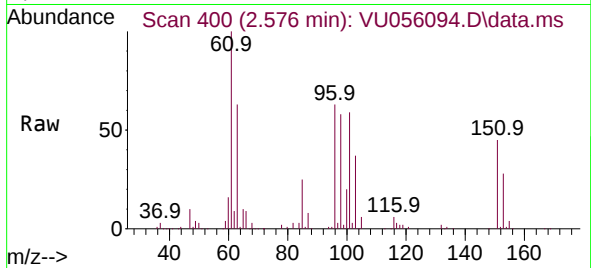




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.393 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056094.D
 Acq: 07 Nov 2023 12:03

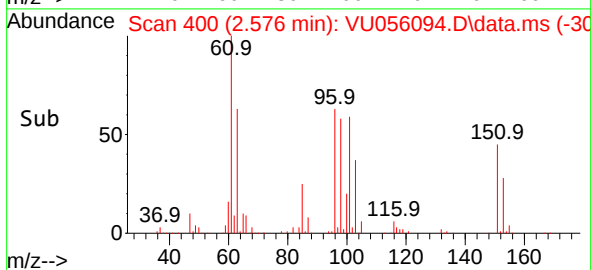
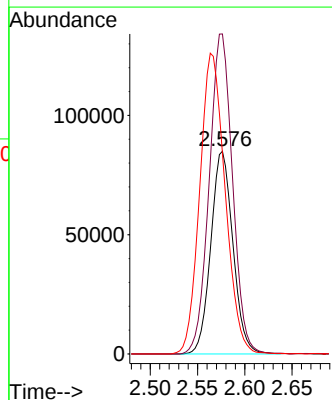
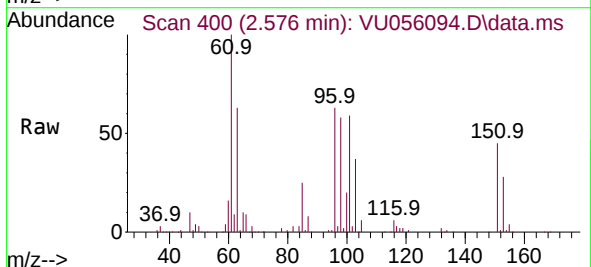
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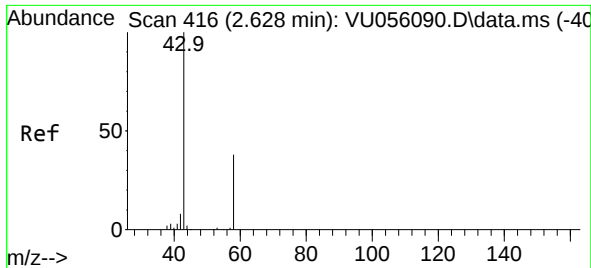
Tgt Ion:101 Resp: 147041
 Ion Ratio Lower Upper
 101 100
 85 42.2 34.2 51.4
 151 76.1 59.3 88.9



#12
 1,1-Dichloroethene
 Concen: 5.463 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056094.D
 Acq: 07 Nov 2023 12:03

Tgt Ion: 96 Resp: 138224
 Ion Ratio Lower Upper
 96 100
 61 157.8 111.7 207.5
 63 99.0 74.5 138.3





#13

Acetone

Concen: 50.795 ug/L

RT: 2.628 min Scan# 416

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

Instrument :

MSVOA_U

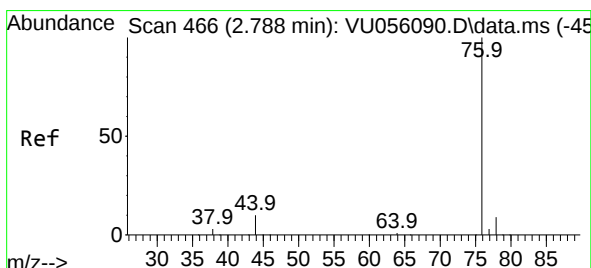
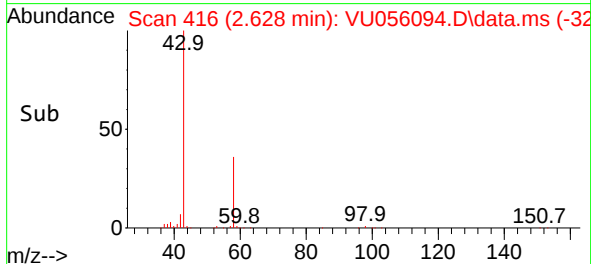
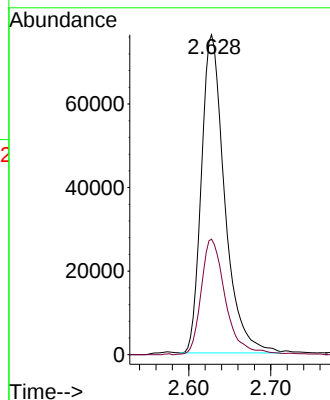
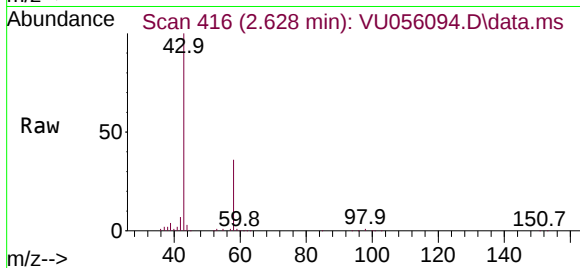
ClientSampleId :

Tgt Ion: 43 Resp: 150179

Ion Ratio Lower Upper

43 100

58 37.9 0.0 74.4



#14

Carbon disulfide

Concen: 5.328 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056094.D

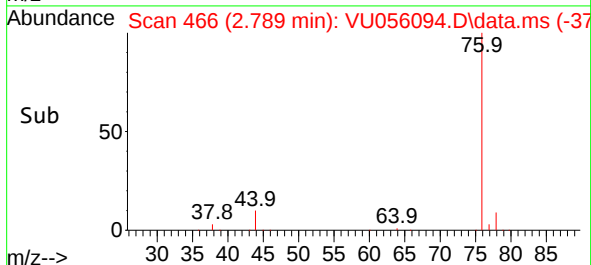
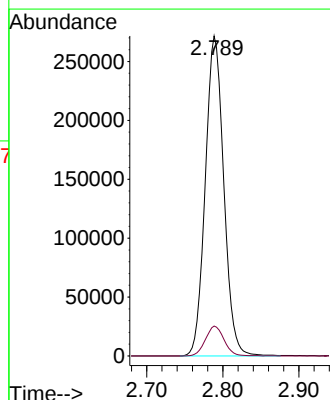
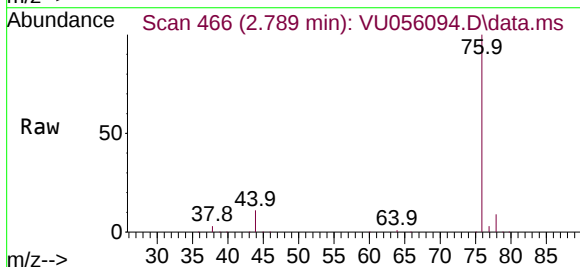
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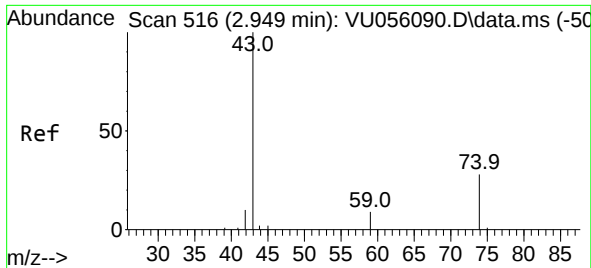
Tgt Ion: 76 Resp: 459404

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

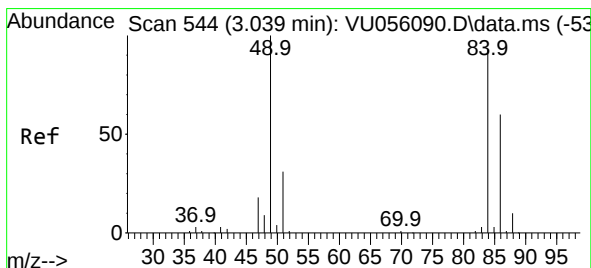
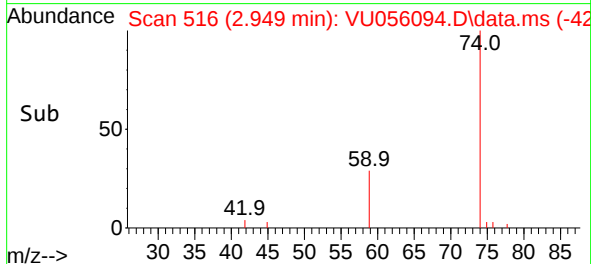
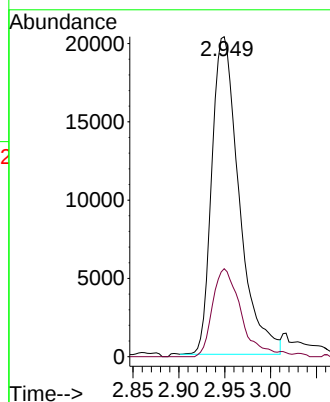
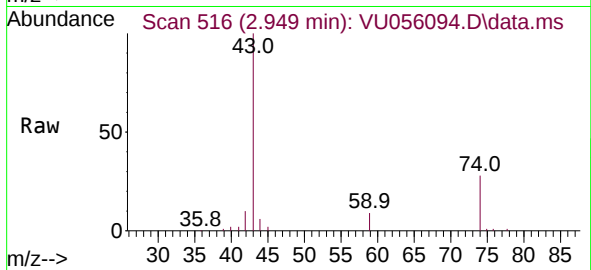




#15
Methyl Acetate
Concen: 5.045 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

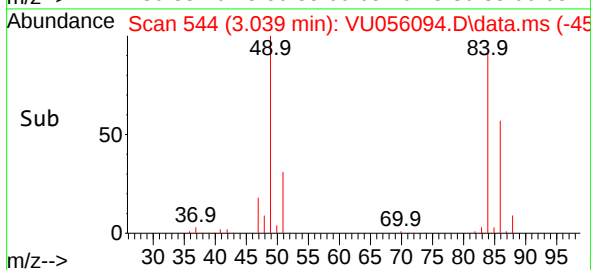
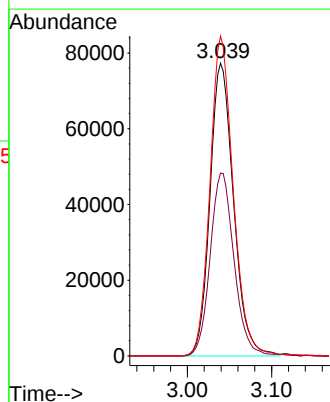
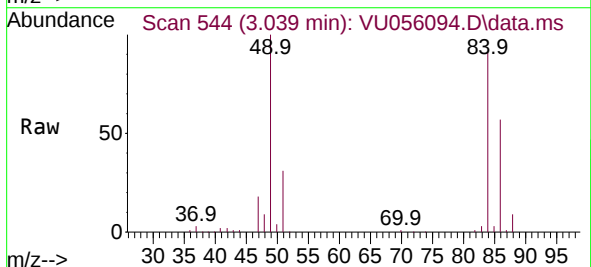
Instrument :
MSVOA_U
ClientSampleId :

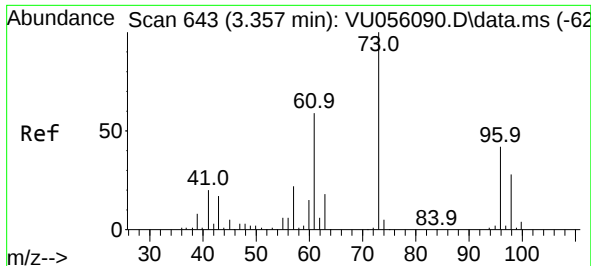
Tgt Ion: 43 Resp: 42091
Ion Ratio Lower Upper
43 100
74 28.5 23.3 34.9



#16
Methylene chloride
Concen: 5.179 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

Tgt Ion: 84 Resp: 150265
Ion Ratio Lower Upper
84 100
86 62.5 44.9 83.5
49 109.3 75.0 139.4

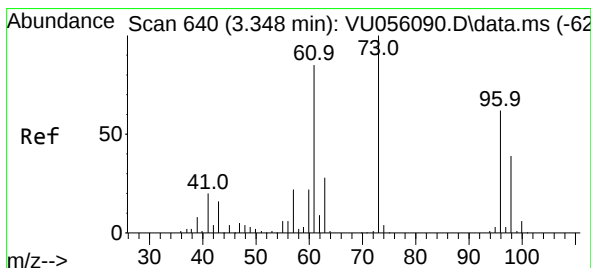
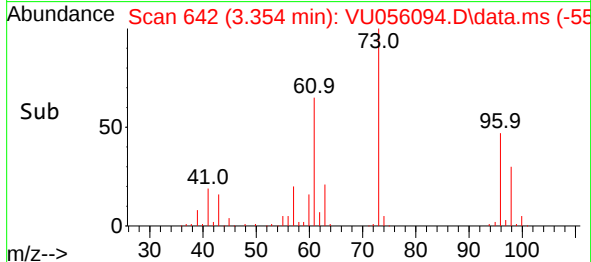
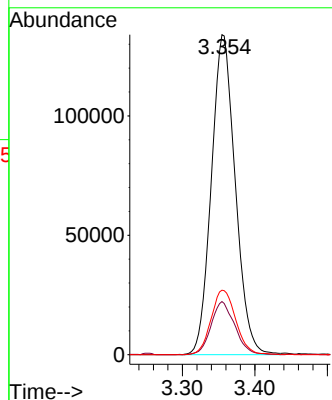
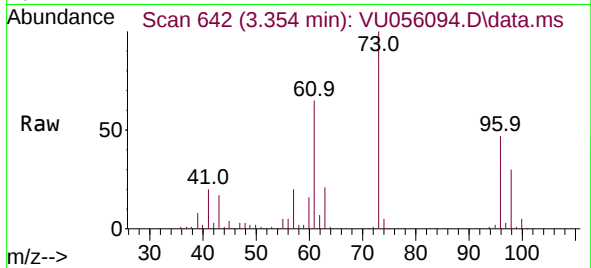




#17
Methyl tert-butyl Ether
Concen: 5.389 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

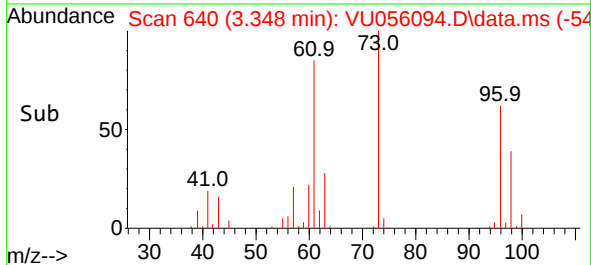
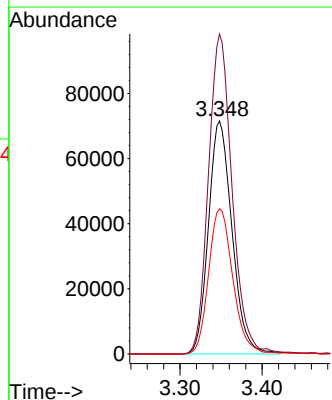
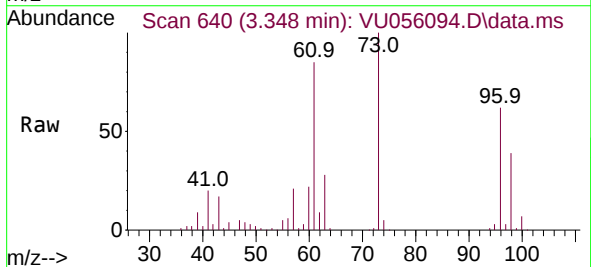
Instrument :
MSVOA_U
ClientSampleId :

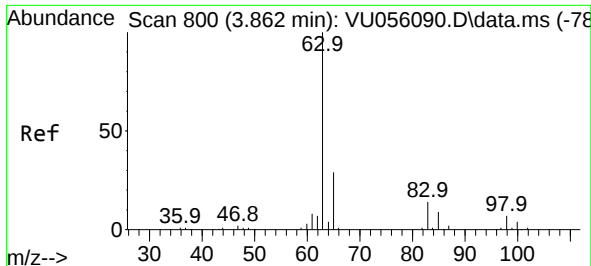
Tgt Ion: 73 Resp: 307229
Ion Ratio Lower Upper
73 100
43 16.5 13.6 20.4
57 20.9 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.326 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

Tgt Ion: 96 Resp: 142806
Ion Ratio Lower Upper
96 100
61 137.3 96.7 179.5
98 62.3 44.3 82.3





#19

1,1-Dichloroethane

Concen: 5.228 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

Instrument :

MSVOA_U

ClientSampleId :

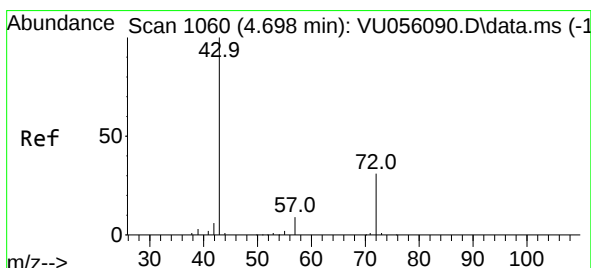
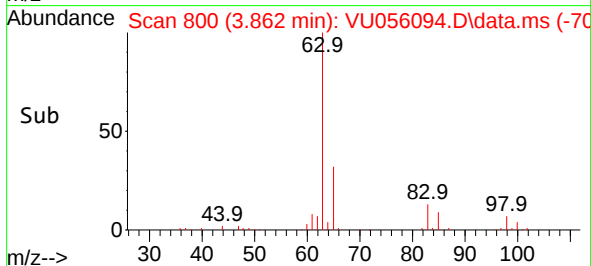
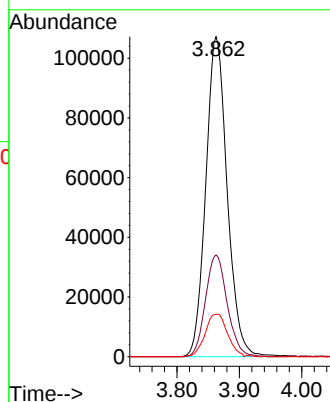
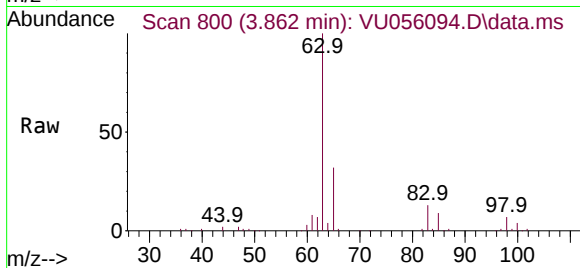
Tgt Ion: 63 Resp: 255720

Ion Ratio Lower Upper

63 100

65 31.8 20.6 38.2

83 13.3 9.6 17.8



#21

2-Butanone

Concen: 54.714 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VU056094.D

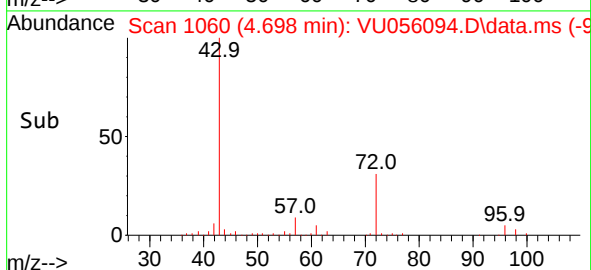
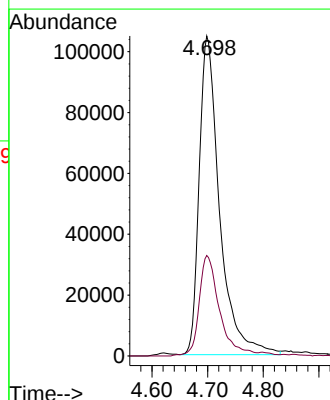
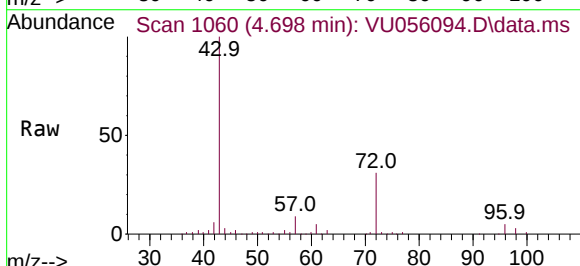
Acq: 07 Nov 2023 12:03

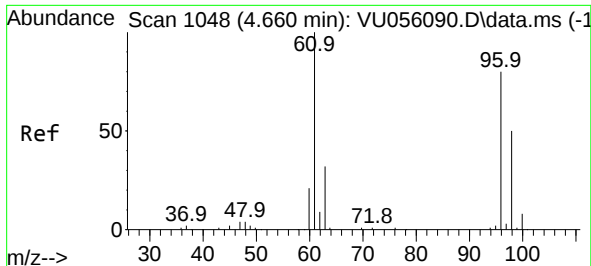
Tgt Ion: 43 Resp: 266781

Ion Ratio Lower Upper

43 100

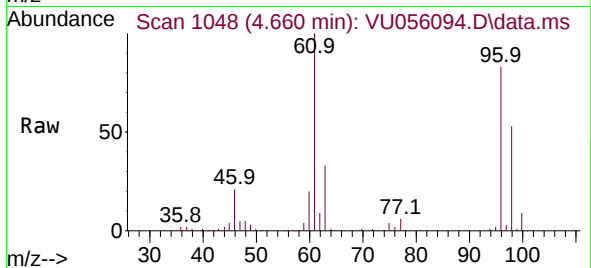
72 31.3 15.7 47.0



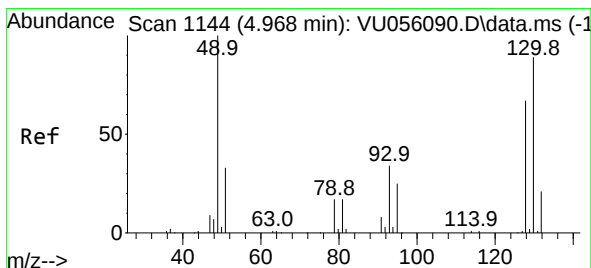
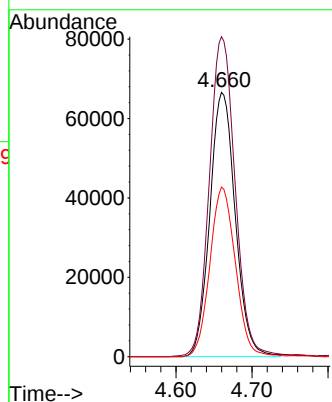
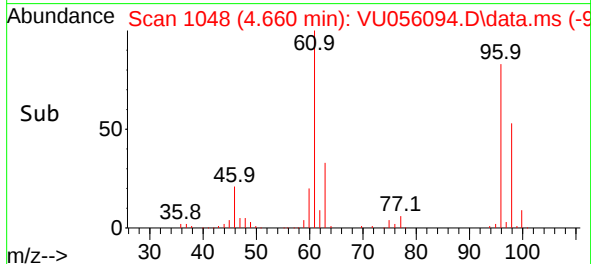


#22
 cis-1,2-Dichloroethene
 Concen: 5.352 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056094.D
 Acq: 07 Nov 2023 12:03

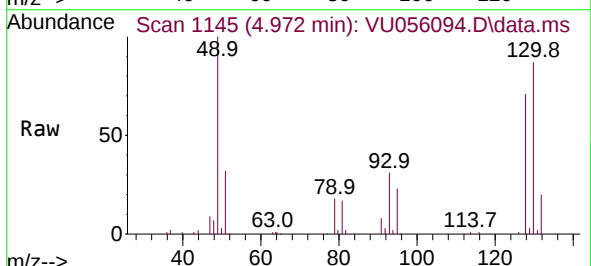
Instrument :
 MSVOA_U
 ClientSampleId :



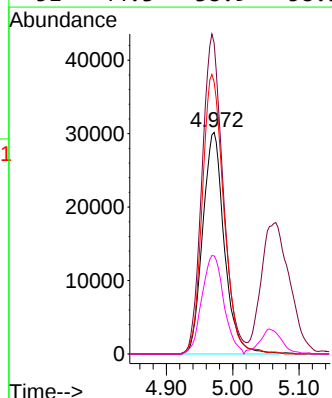
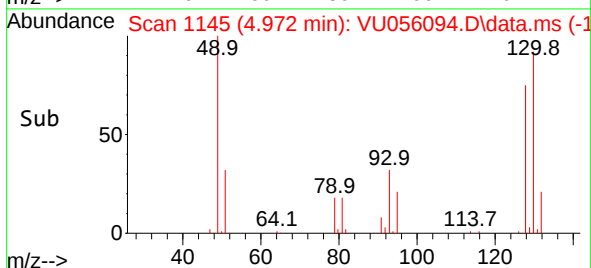
Tgt Ion: 96 Resp: 154924
 Ion Ratio Lower Upper
 96 100
 61 121.0 87.8 163.2
 98 64.1 43.5 80.7

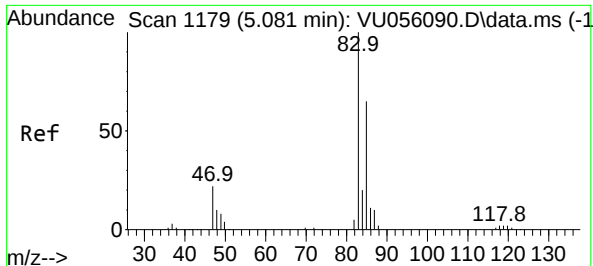


#23
 Bromochloromethane
 Concen: 5.291 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU056094.D
 Acq: 07 Nov 2023 12:03



Tgt Ion: 128 Resp: 67957
 Ion Ratio Lower Upper
 128 100
 49 140.3 103.7 192.7
 130 122.7 91.8 170.6
 51 44.3 38.9 58.3





#25

Chloroform

Concen: 5.154 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

Instrument :

MSVOA_U

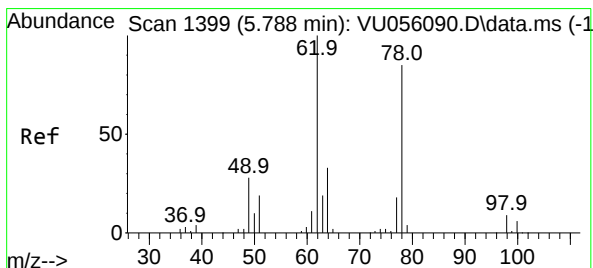
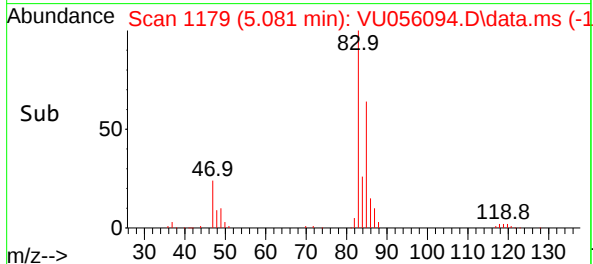
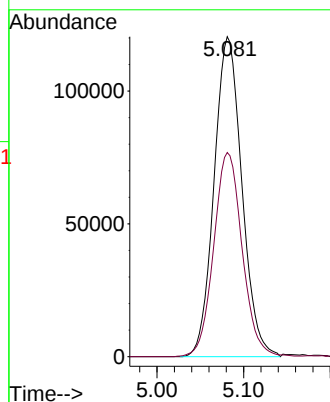
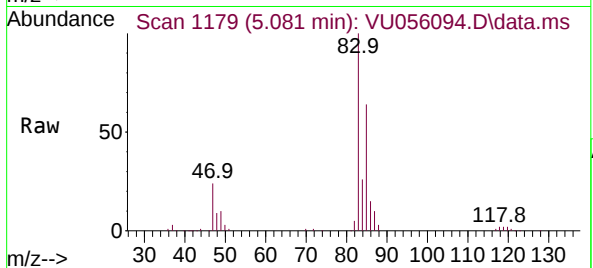
ClientSampleId :

Tgt Ion: 83 Resp: 268604

Ion Ratio Lower Upper

83 100

85 63.8 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.154 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056094.D

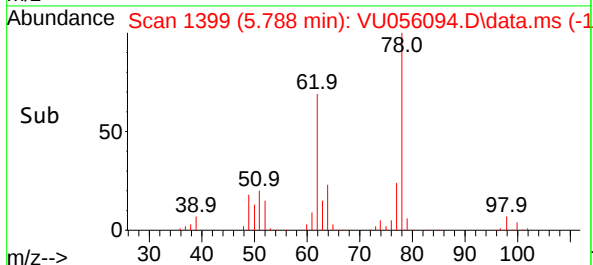
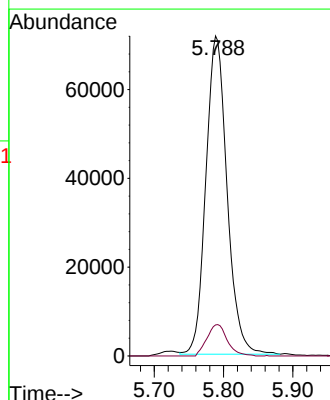
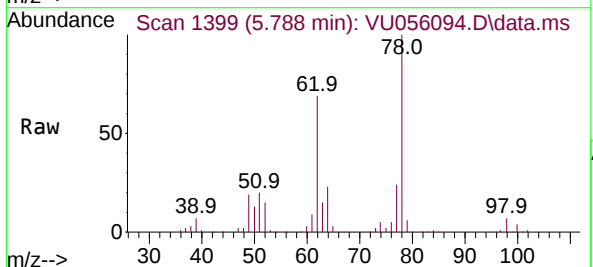
Acq: 07 Nov 2023 12:03

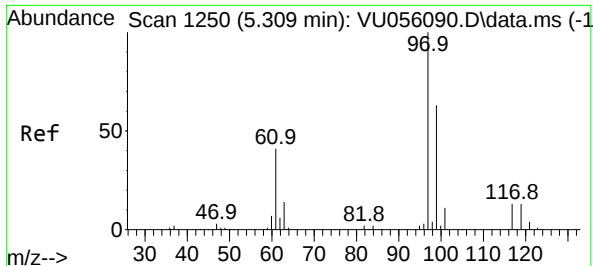
Tgt Ion: 62 Resp: 152027

Ion Ratio Lower Upper

62 100

98 9.7 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 5.359 ug/L

RT: 5.313 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

Instrument :

MSVOA_U

ClientSampleId :

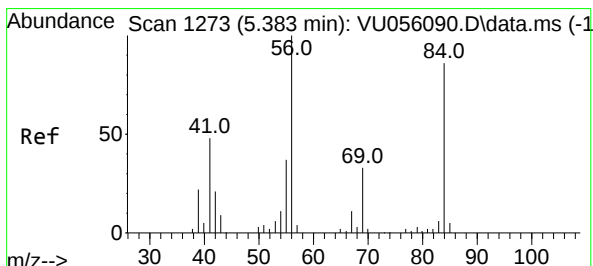
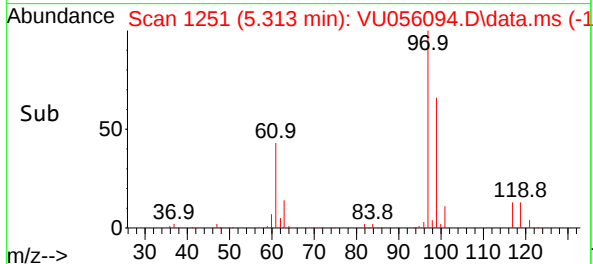
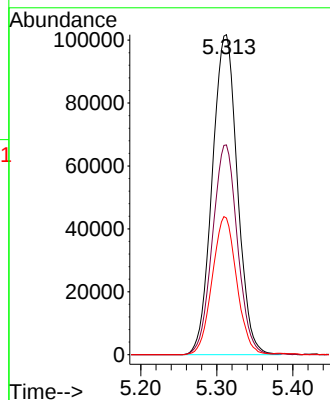
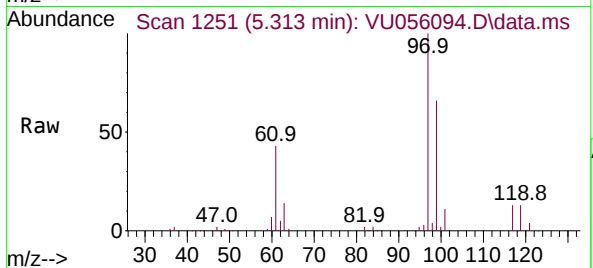
Tgt Ion: 97 Resp: 233734

Ion Ratio Lower Upper

97 100

99 65.3 52.0 78.0

61 42.0 33.4 50.0



#30

Cyclohexane

Concen: 5.616 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

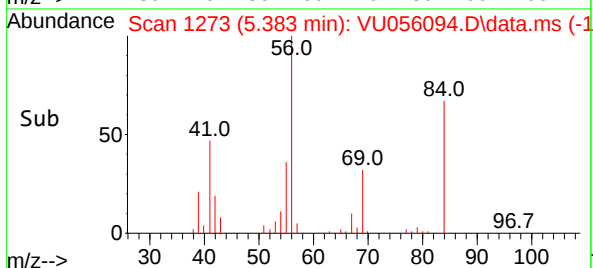
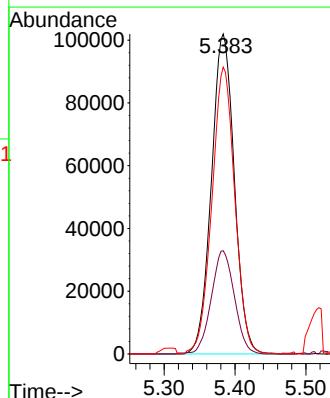
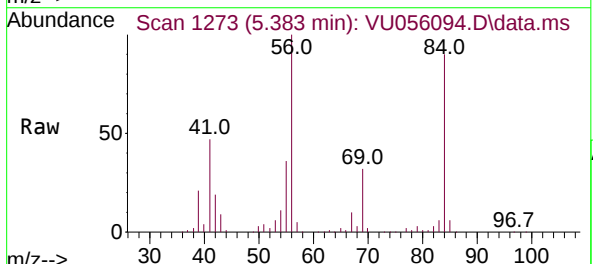
Tgt Ion: 56 Resp: 228823

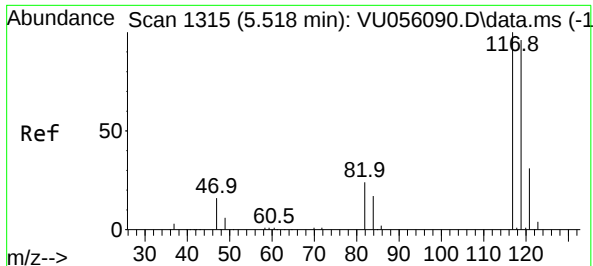
Ion Ratio Lower Upper

56 100

69 32.6 26.6 39.8

84 89.7 70.4 105.6

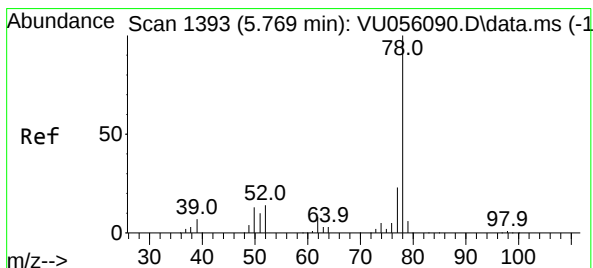
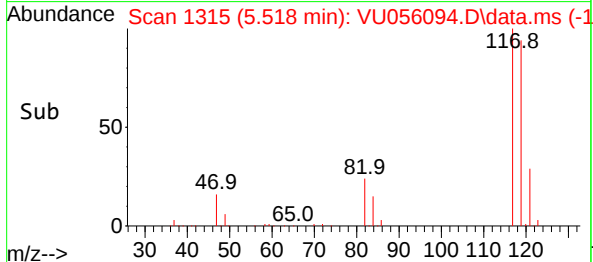
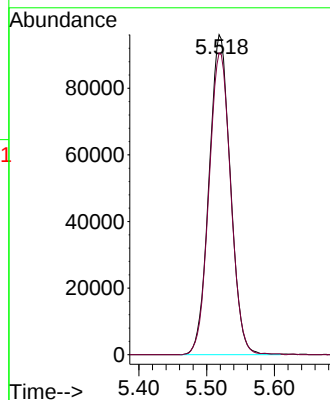
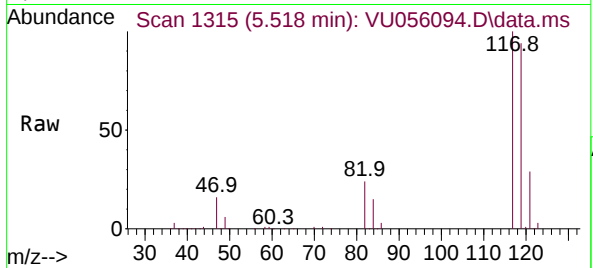




#31
Carbon tetrachloride
Concen: 5.423 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

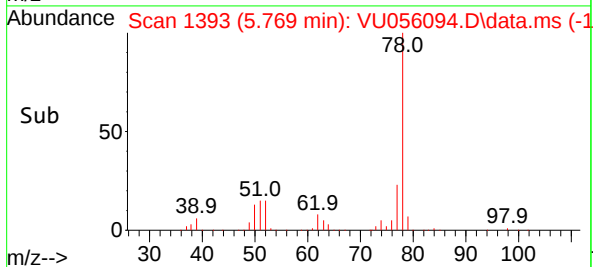
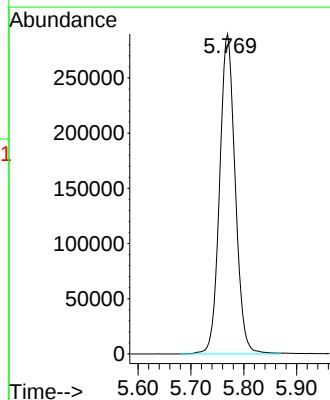
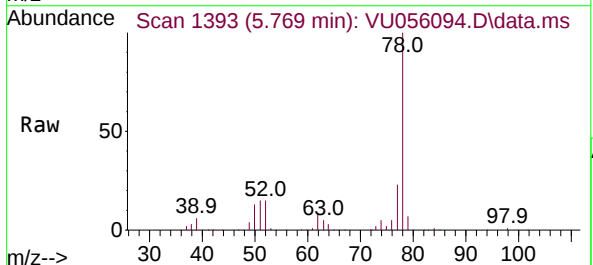
Instrument :
MSVOA_U
ClientSampleId :

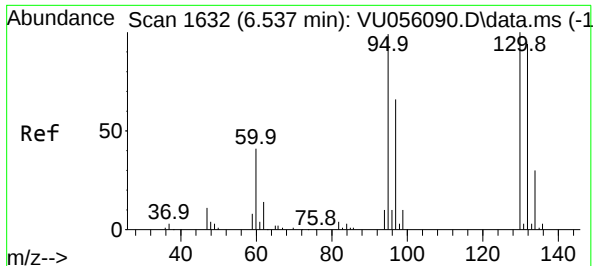
Tgt Ion:117 Resp: 210011
Ion Ratio Lower Upper
117 100
119 96.2 77.2 115.8



#33
Benzene
Concen: 5.466 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

Tgt Ion: 78 Resp: 595831

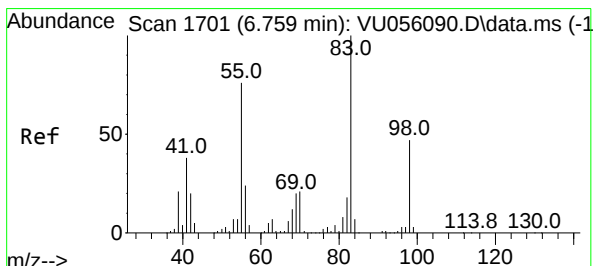
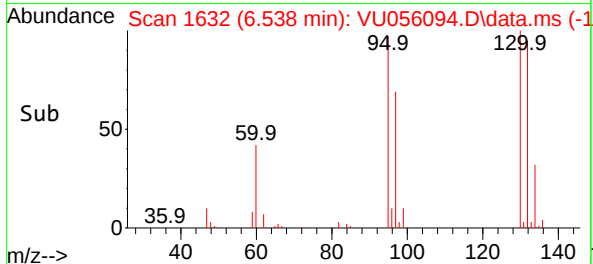
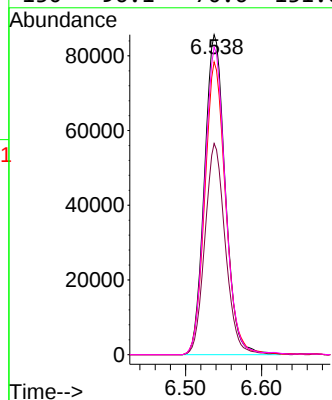
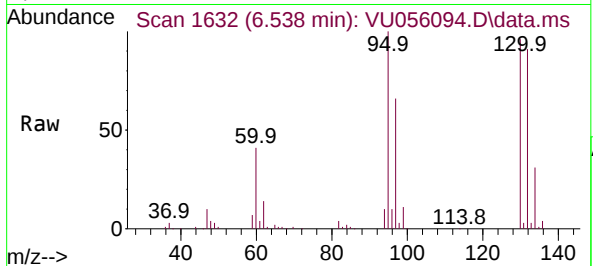




#34
Trichloroethene
Concen: 5.468 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

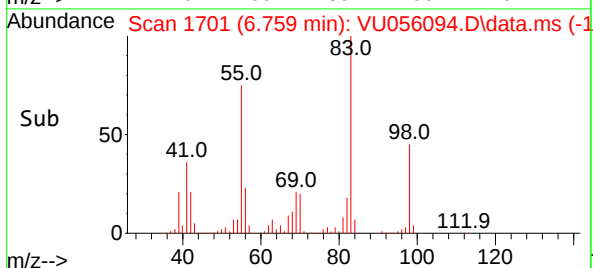
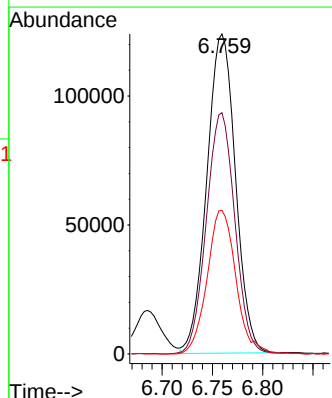
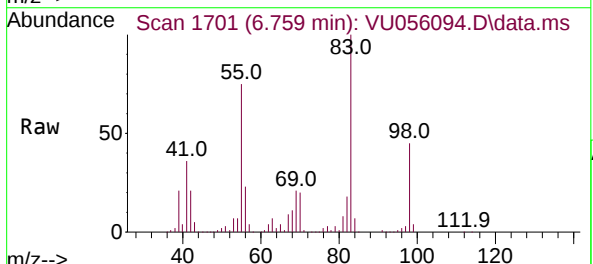
Instrument :
MSVOA_U
ClientSampleId :

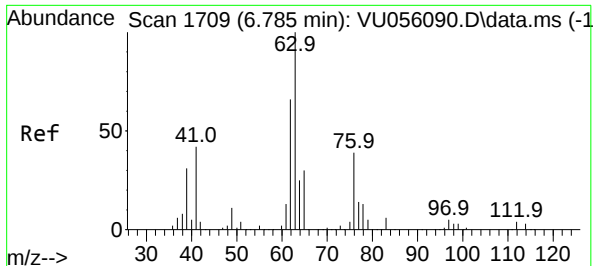
Tgt Ion: 95 Resp: 162797
Ion Ratio Lower Upper
95 100
97 66.0 46.8 87.0
132 91.5 66.5 123.5
130 96.1 70.6 131.0



#35
Methylcyclohexane
Concen: 5.551 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

Tgt Ion: 83 Resp: 245645
Ion Ratio Lower Upper
83 100
55 75.2 60.6 91.0
98 44.9 36.2 54.4





#37

1,2-Dichloropropane

Concen: 5.281 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

Instrument :

MSVOA_U

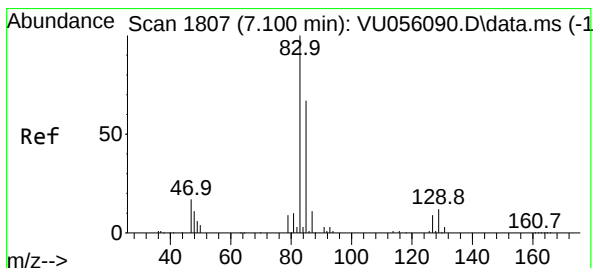
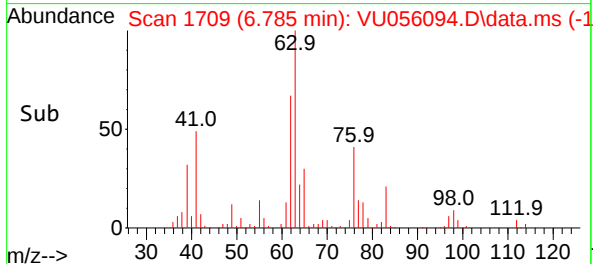
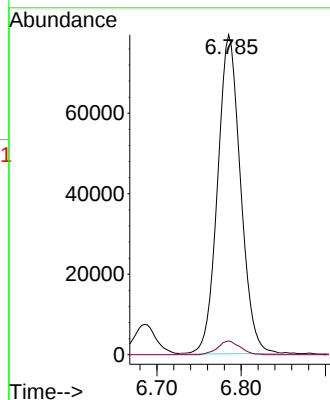
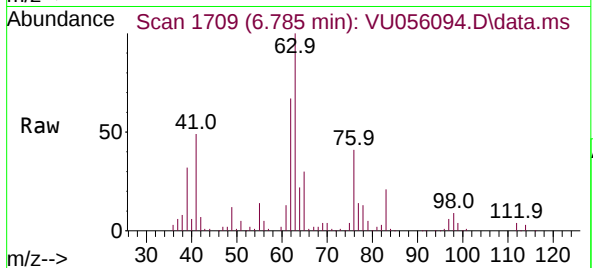
ClientSampleId :

Tgt Ion: 63 Resp: 149691

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 5.167 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

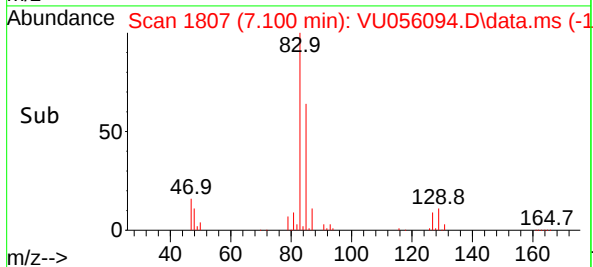
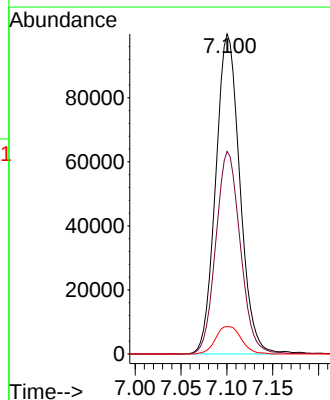
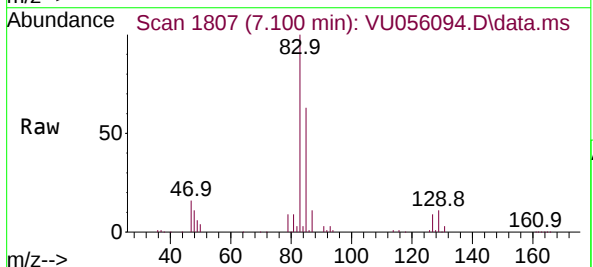
Tgt Ion: 83 Resp: 182899

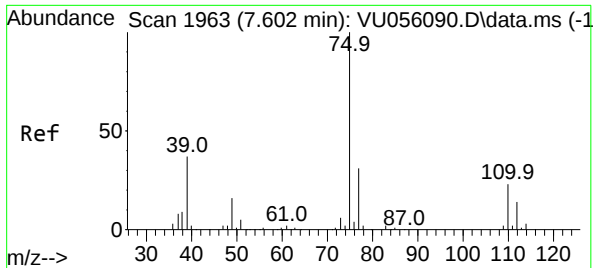
Ion Ratio Lower Upper

83 100

85 63.3 46.6 86.6

127 8.6 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 5.398 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

Instrument :

MSVOA_U

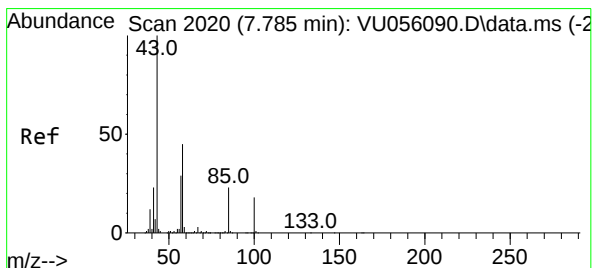
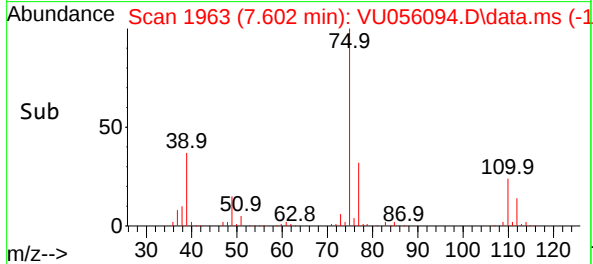
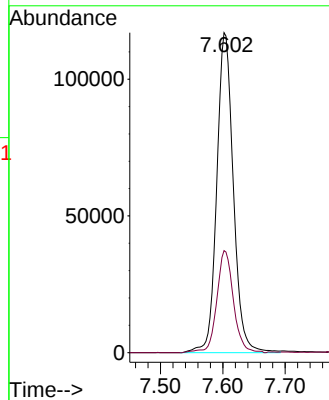
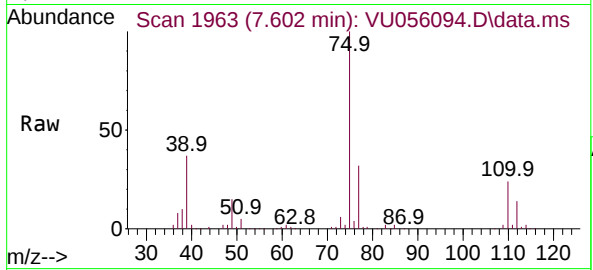
ClientSampleId :

Tgt Ion: 75 Resp: 215957

Ion Ratio Lower Upper

75 100

77 31.9 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 54.502 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

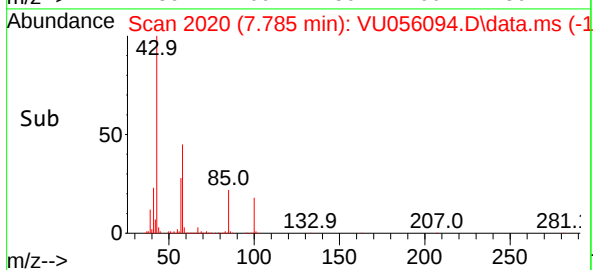
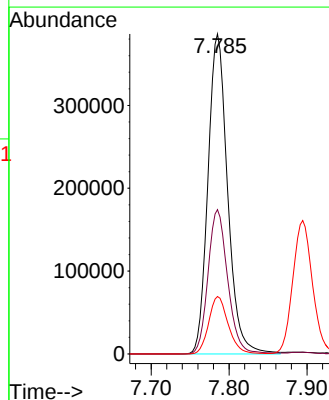
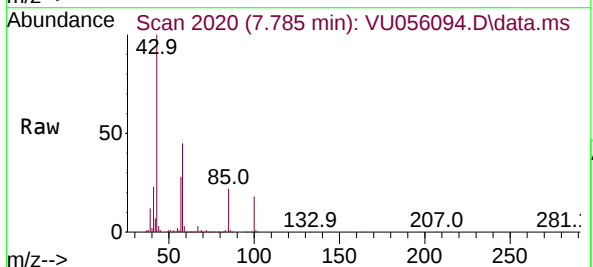
Tgt Ion: 43 Resp: 675767

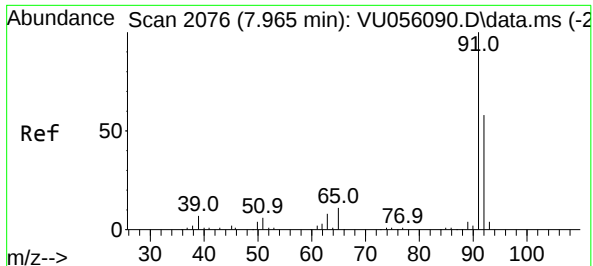
Ion Ratio Lower Upper

43 100

58 45.4 36.0 54.0

100 17.9 14.2 21.4





#42

Toluene

Concen: 5.541 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

Instrument :

MSVOA_U

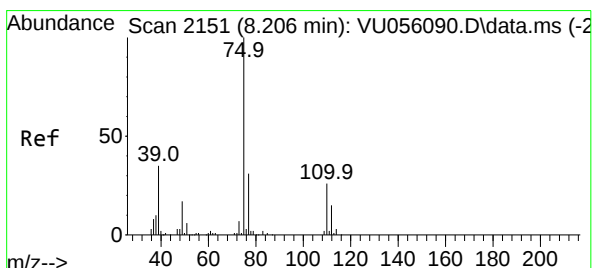
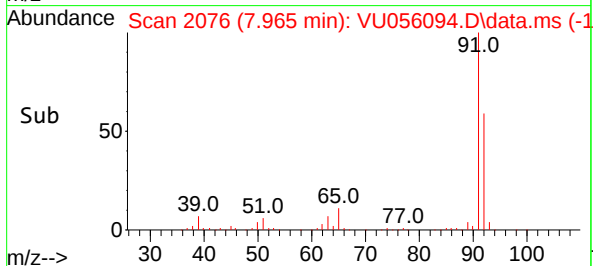
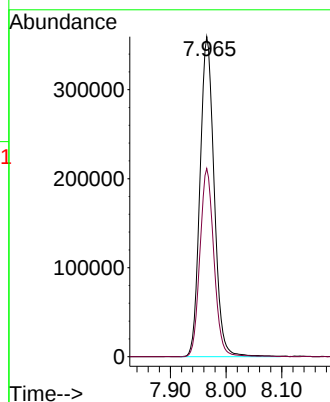
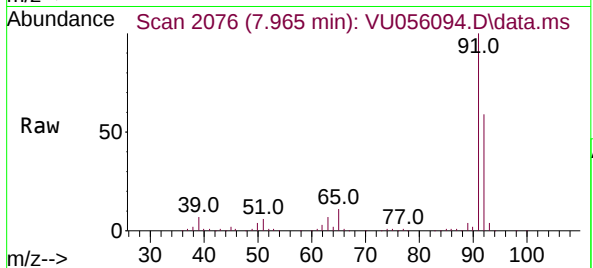
ClientSampleId :

Tgt Ion: 91 Resp: 636715

Ion Ratio Lower Upper

91 100

92 58.8 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 5.365 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056094.D

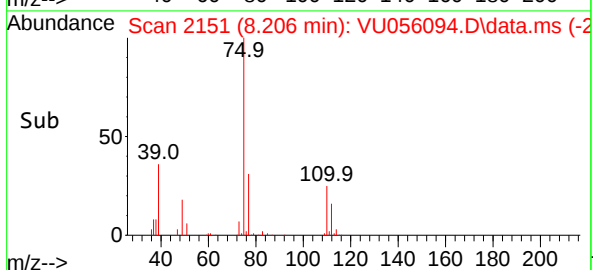
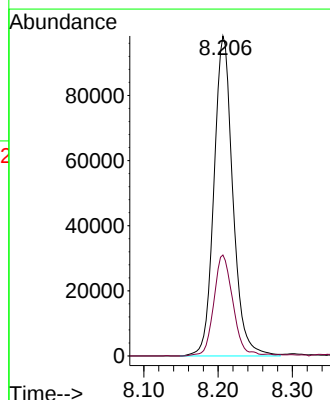
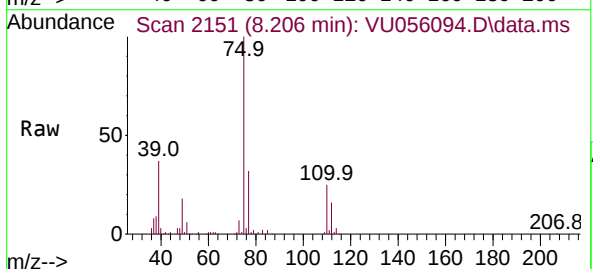
Acq: 07 Nov 2023 12:03

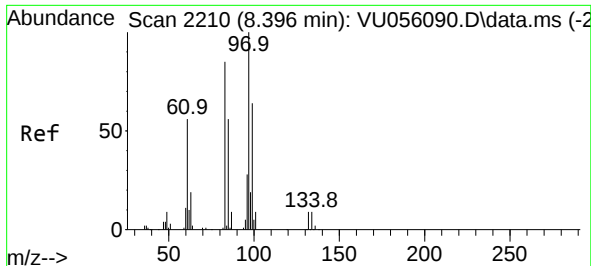
Tgt Ion: 75 Resp: 173790

Ion Ratio Lower Upper

75 100

77 31.6 21.7 40.3

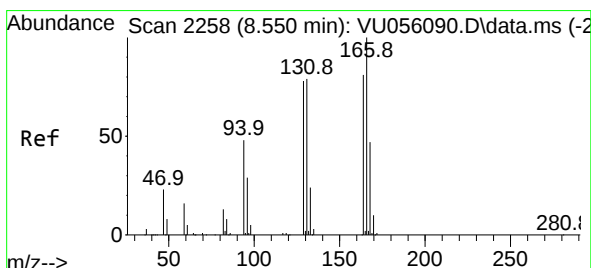
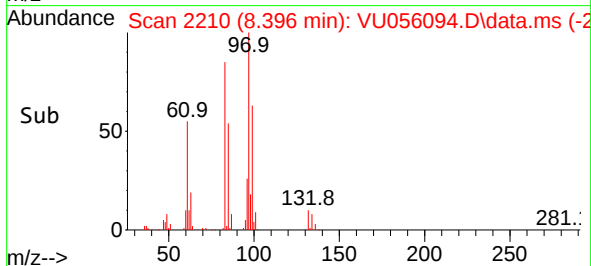
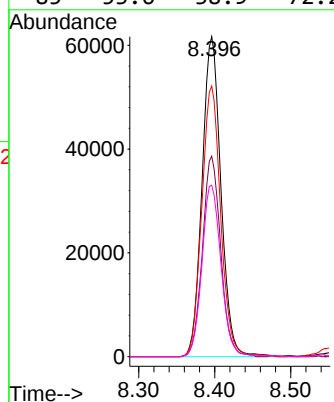
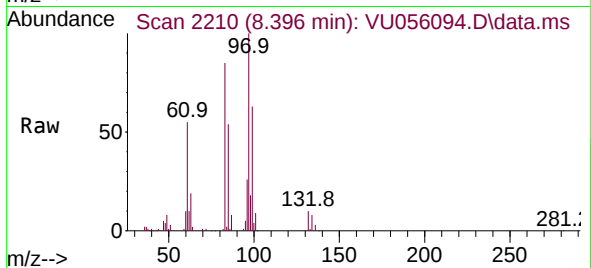




#45
1,1,2-Trichloroethane
Concen: 5.474 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

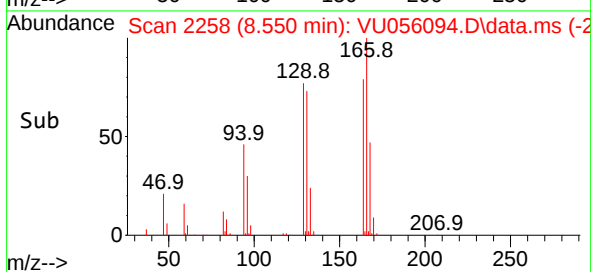
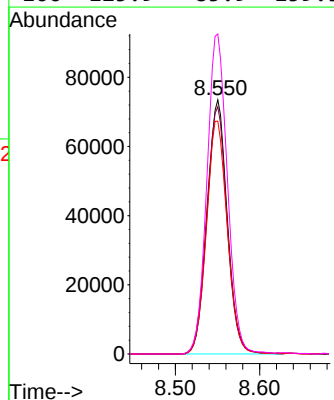
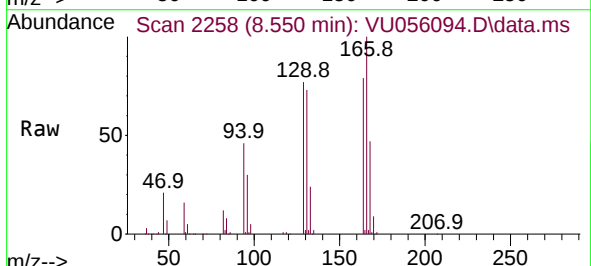
Instrument :
MSVOA_U
ClientSampleId :

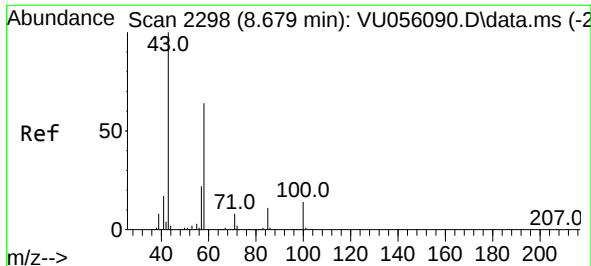
Tgt Ion:	97	Resp:	106086
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.7	82.9
83	84.6	59.4	110.2
85	53.6	38.9	72.2



#47
Tetrachloroethene
Concen: 5.498 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

Tgt Ion:	164	Resp:	122868
Ion	Ratio	Lower	Upper
164	100		
129	97.3	66.6	123.8
131	91.6	67.8	126.0
166	125.9	85.9	159.5

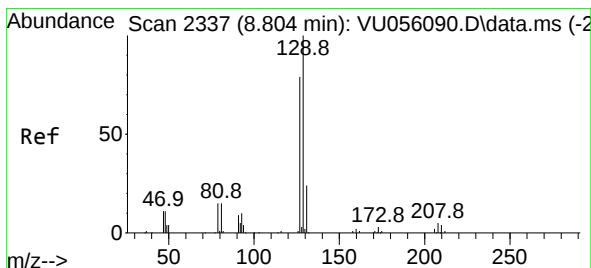
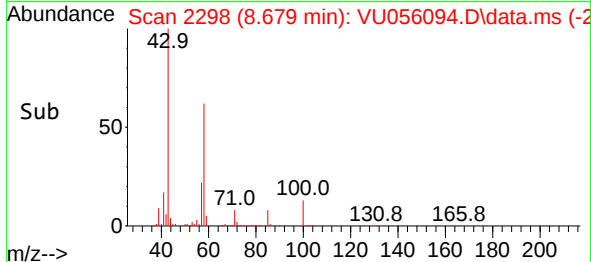
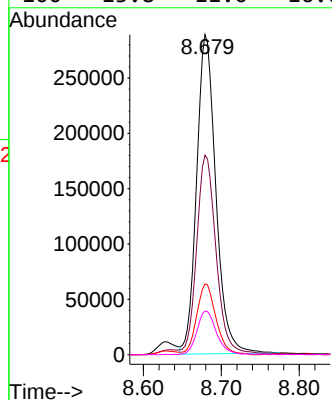
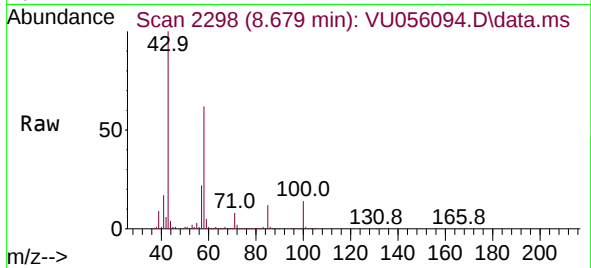




#48
2-Hexanone
Concen: 54.869 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

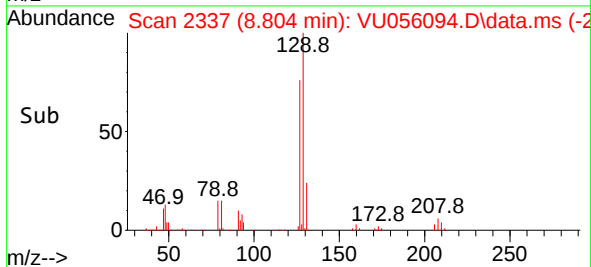
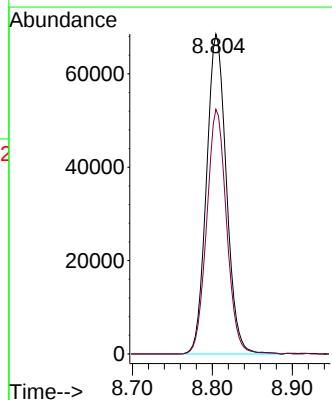
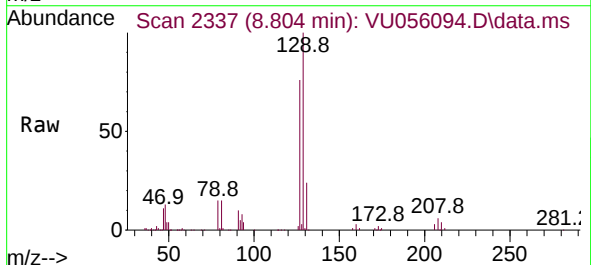
Instrument :
MSVOA_U
ClientSampleId :

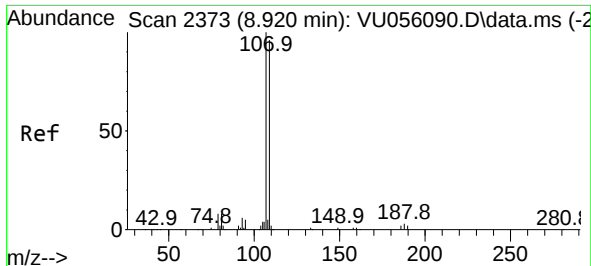
Tgt Ion: 43 Resp: 495328
Ion Ratio Lower Upper
43 100
58 63.0 52.0 78.0
57 22.3 17.4 26.2
100 13.8 11.0 16.6



#49
Dibromochloromethane
Concen: 5.333 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

Tgt Ion: 129 Resp: 118574
Ion Ratio Lower Upper
129 100
127 76.5 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.310 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

Instrument :

MSVOA_U

ClientSampleId :

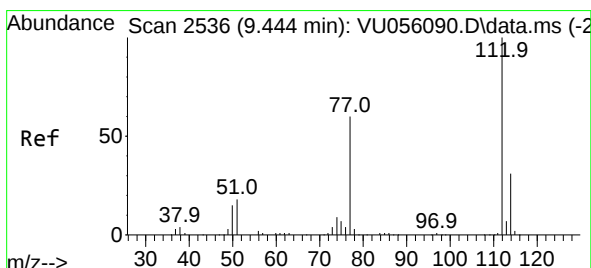
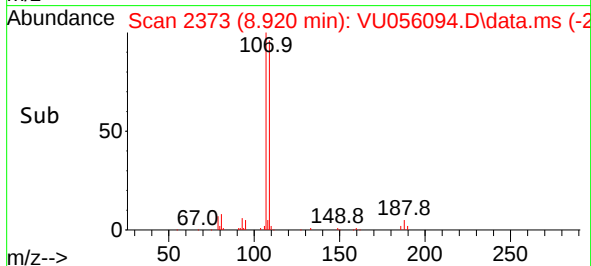
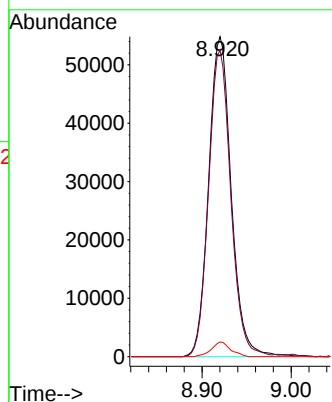
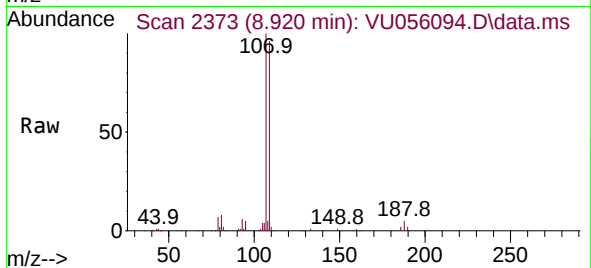
Tgt Ion:107 Resp: 96145

Ion Ratio Lower Upper

107 100

109 95.8 66.9 124.3

188 4.6 2.5 3.7#



#51

Chlorobenzene

Concen: 5.340 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

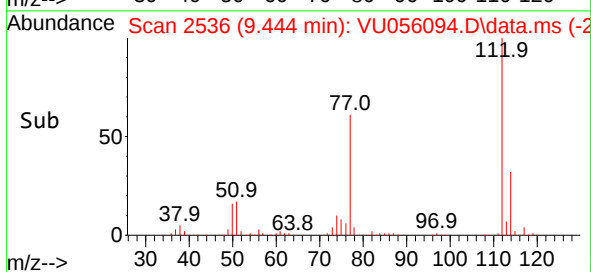
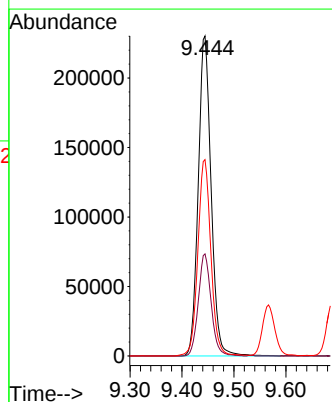
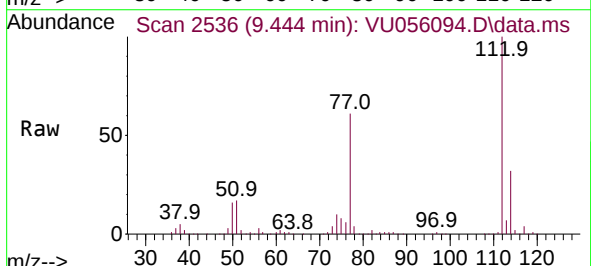
Tgt Ion:112 Resp: 395885

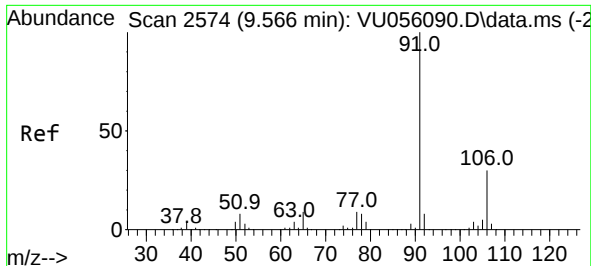
Ion Ratio Lower Upper

112 100

114 31.9 21.8 40.4

77 61.3 48.2 72.4

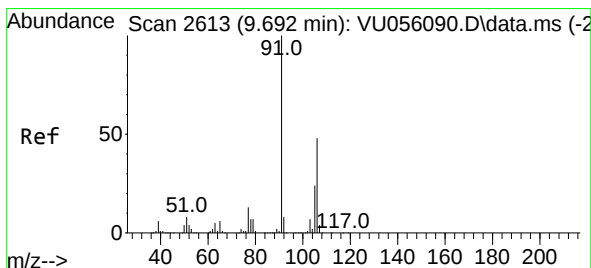
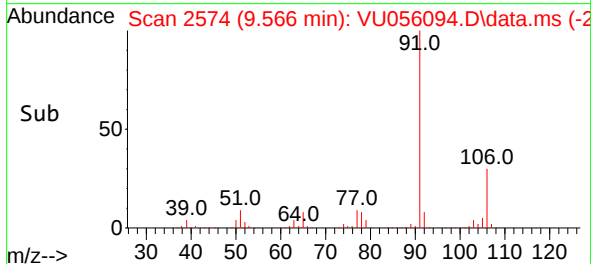
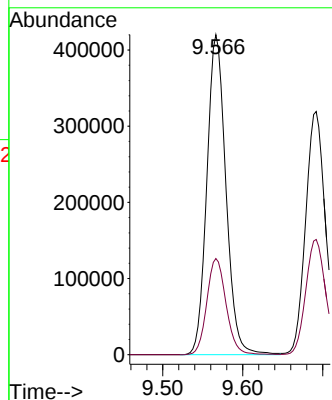
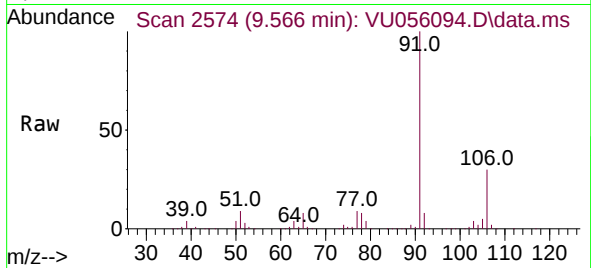




#52
Ethylbenzene
Concen: 5.557 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

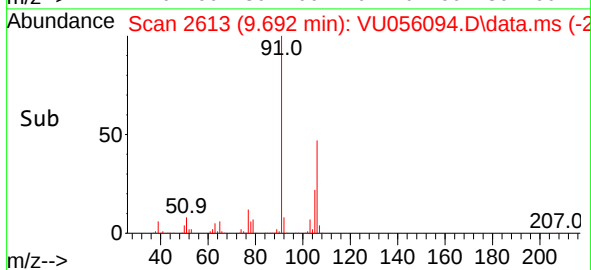
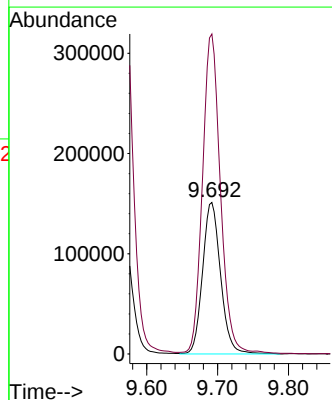
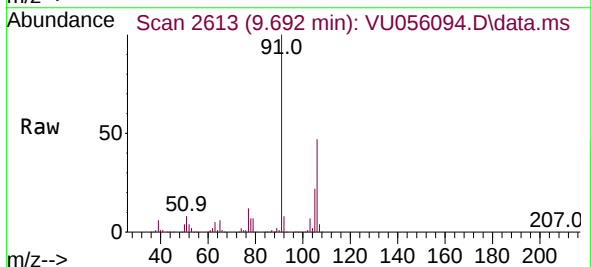
Instrument :
MSVOA_U
ClientSampleId :

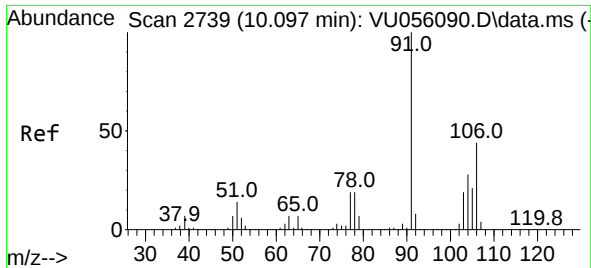
Tgt Ion: 91 Resp: 695880
Ion Ratio Lower Upper
91 100
106 30.0 21.2 39.4



#53
m,p-Xylene
Concen: 5.608 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

Tgt Ion: 106 Resp: 267072
Ion Ratio Lower Upper
106 100
91 211.1 144.9 269.1

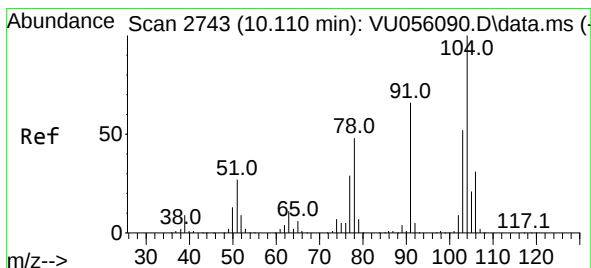
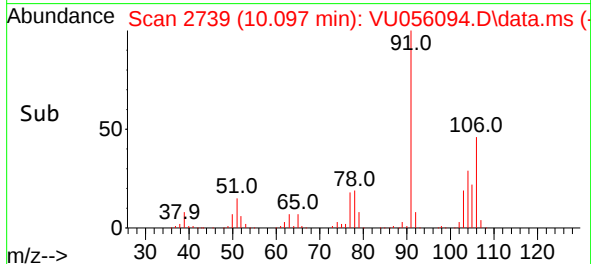
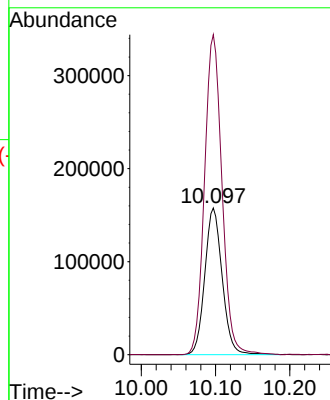
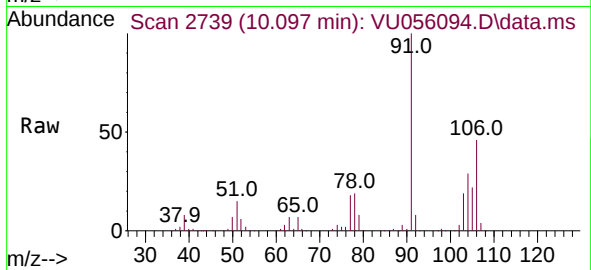




#54
o-Xylene
Concen: 5.617 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

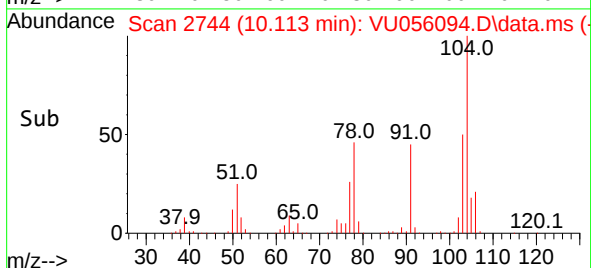
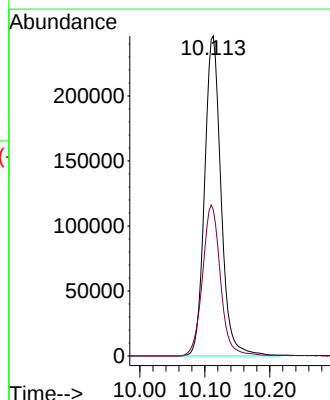
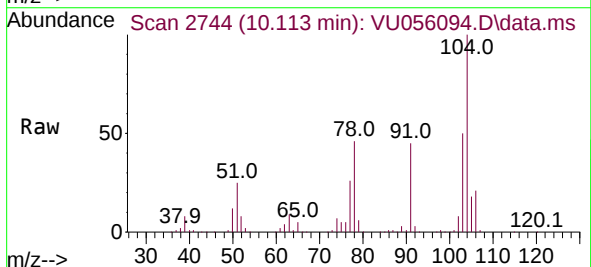
Instrument :
MSVOA_U
ClientSampleId :

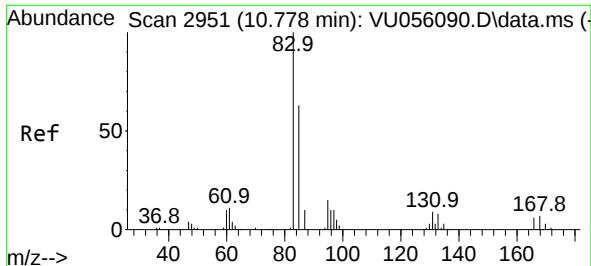
Tgt Ion:106 Resp: 256462
Ion Ratio Lower Upper
106 100
91 218.1 158.2 293.8



#55
Styrene
Concen: 5.818 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

Tgt Ion:104 Resp: 434567
Ion Ratio Lower Upper
104 100
78 45.6 33.5 62.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.415 ug/L

RT: 10.779 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

Instrument :

MSVOA_U

ClientSampleId :

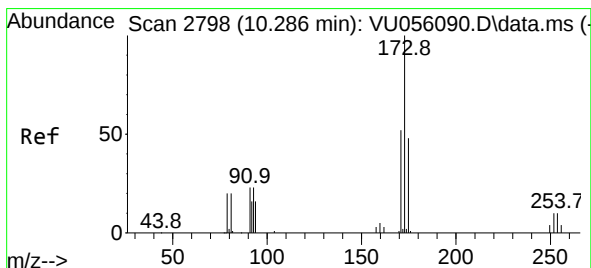
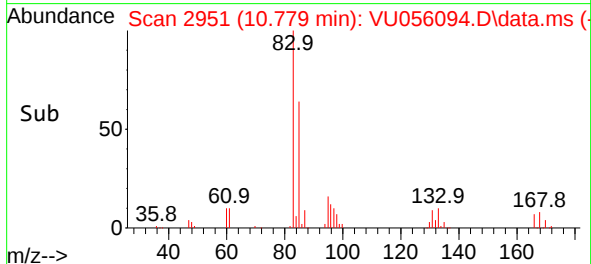
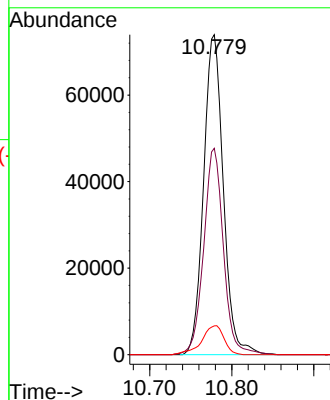
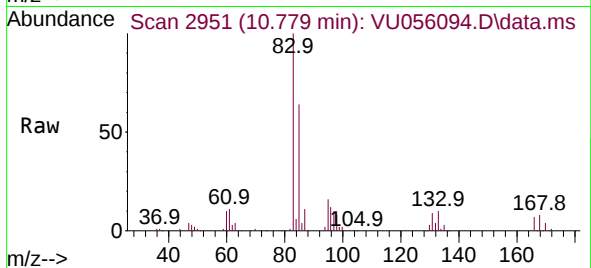
Tgt Ion: 83 Resp: 123309

Ion Ratio Lower Upper

83 100

85 64.5 44.0 81.8

131 9.0 7.4 11.2



#59

Bromoform

Concen: 5.279 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

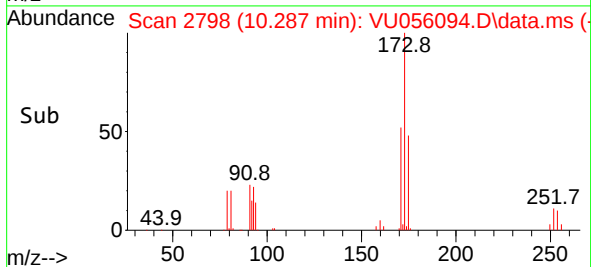
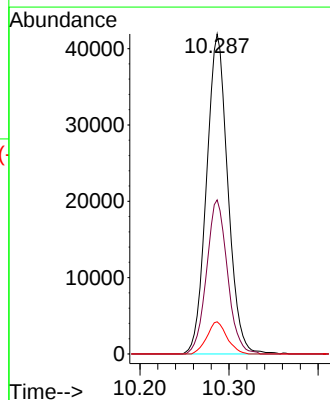
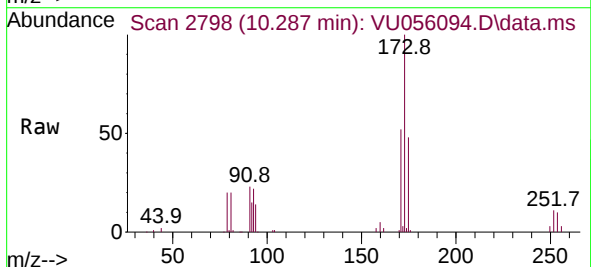
Tgt Ion:173 Resp: 69483

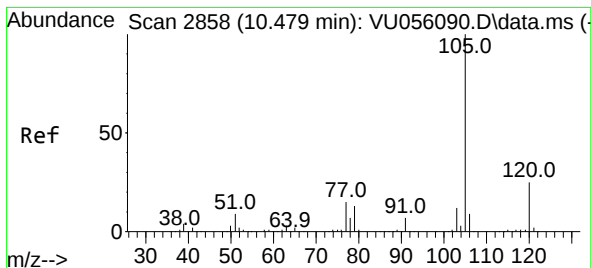
Ion Ratio Lower Upper

173 100

175 47.2 39.0 58.4

254 9.4 8.2 12.2





#60

Isopropylbenzene

Concen: 5.620 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

Instrument :

MSVOA_U

ClientSampleId :

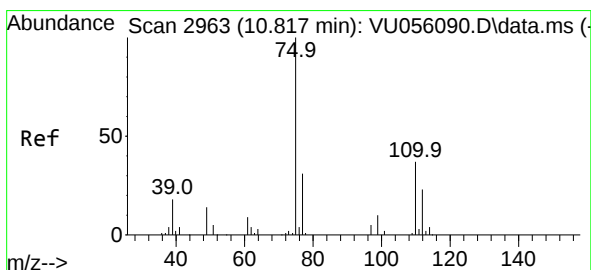
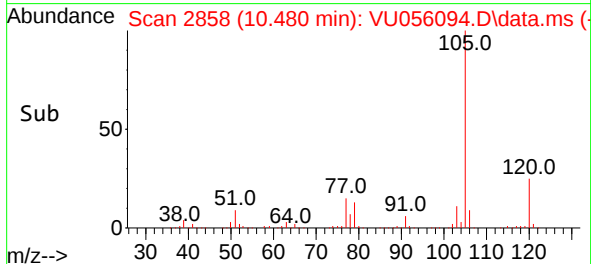
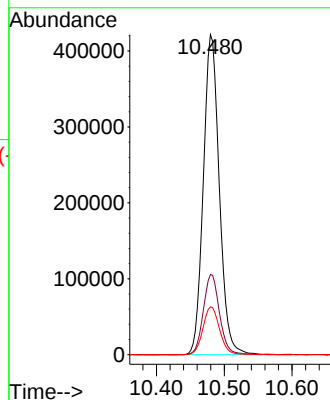
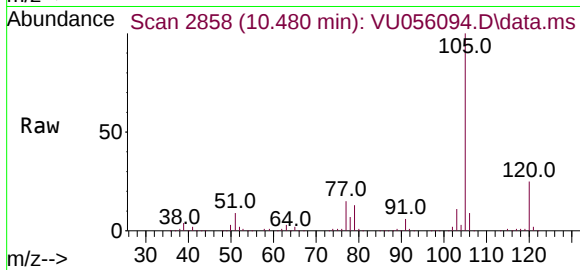
Tgt Ion:105 Resp: 690635

Ion Ratio Lower Upper

105 100

120 25.4 20.6 30.8

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.248 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

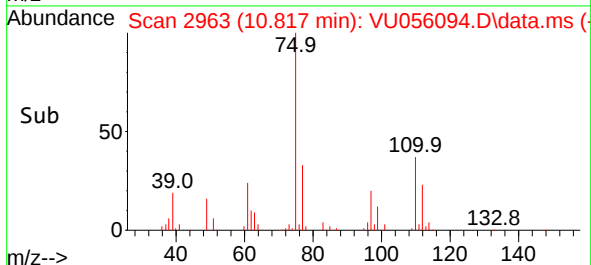
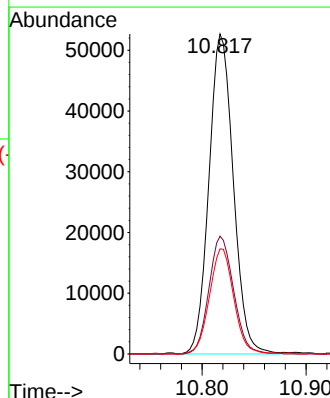
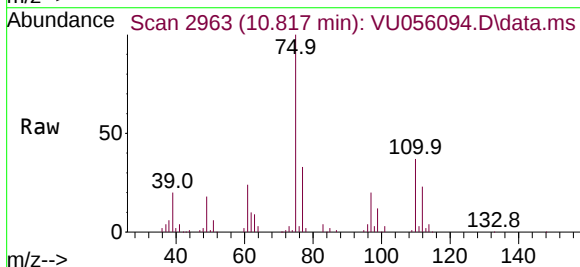
Tgt Ion: 75 Resp: 85860

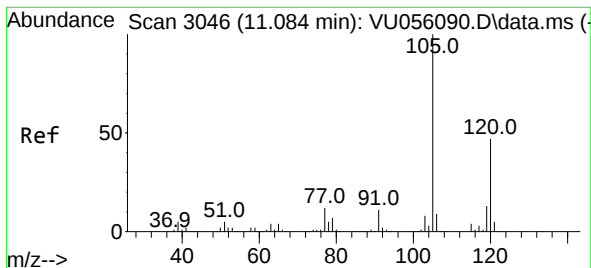
Ion Ratio Lower Upper

75 100

110 37.2 29.7 44.5

77 32.9 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.573 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

Instrument :

MSVOA_U

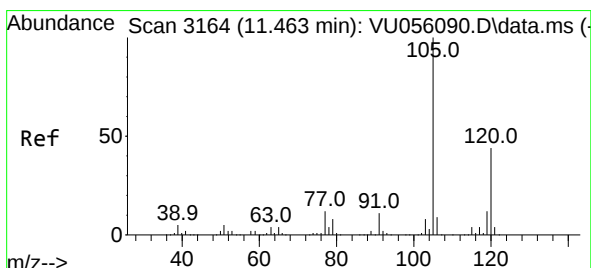
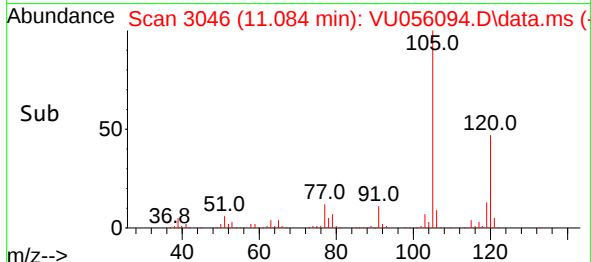
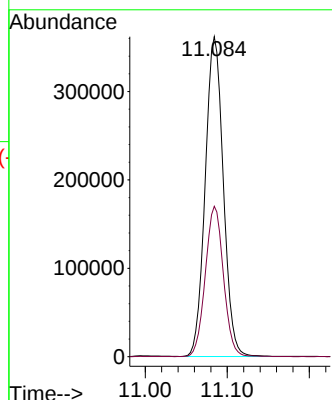
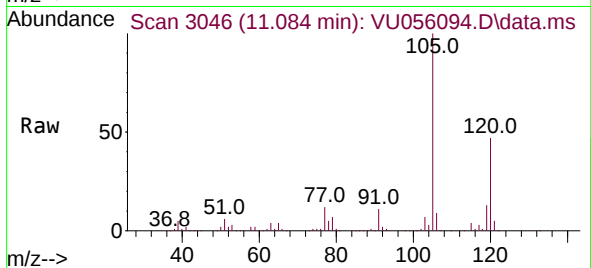
ClientSampleId :

Tgt Ion:105 Resp: 555377

Ion Ratio Lower Upper

105 100

120 47.3 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 5.706 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU056094.D

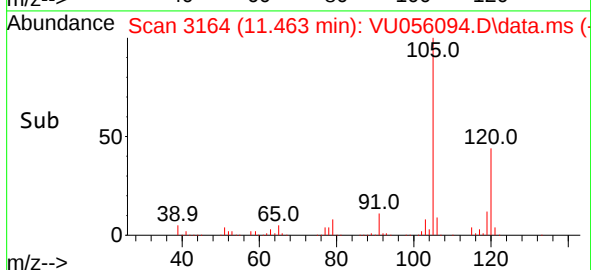
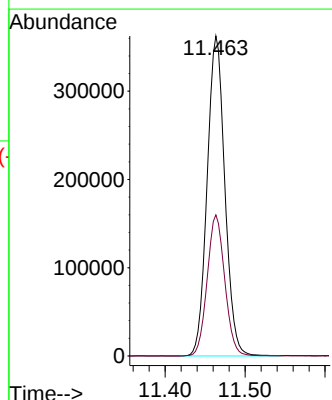
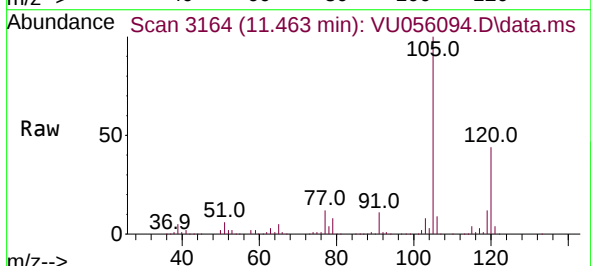
Acq: 07 Nov 2023 12:03

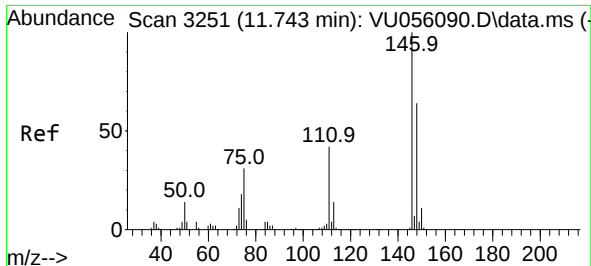
Tgt Ion:105 Resp: 557757

Ion Ratio Lower Upper

105 100

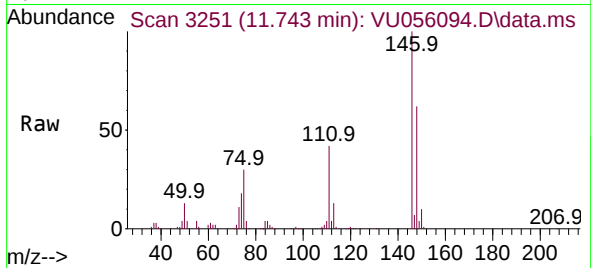
120 43.9 35.4 53.0



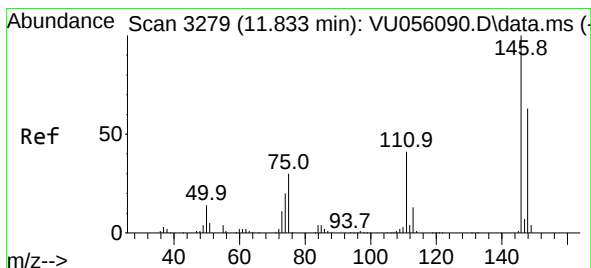
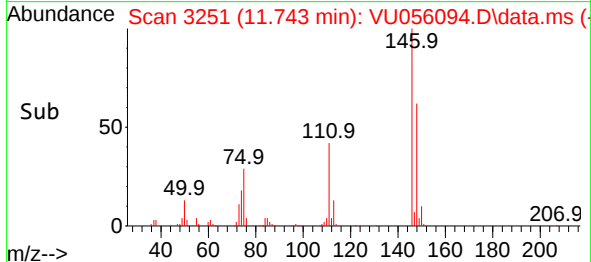
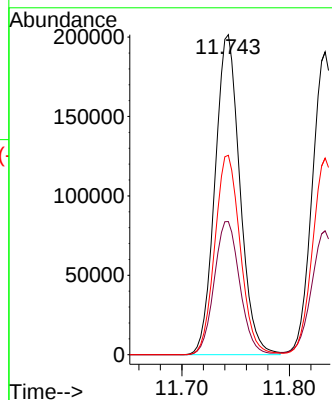


#64
1,3-Dichlorobenzene
Concen: 5.581 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

Instrument :
MSVOA_U
ClientSampleId :

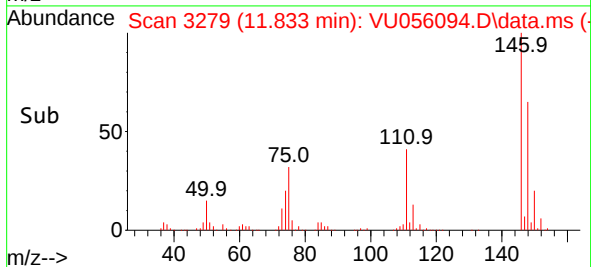
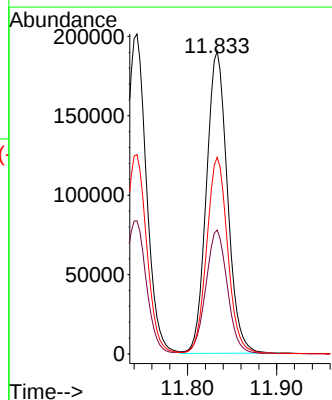
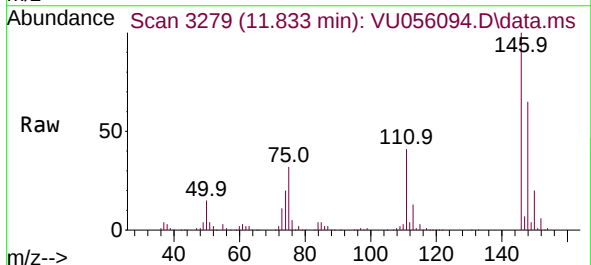


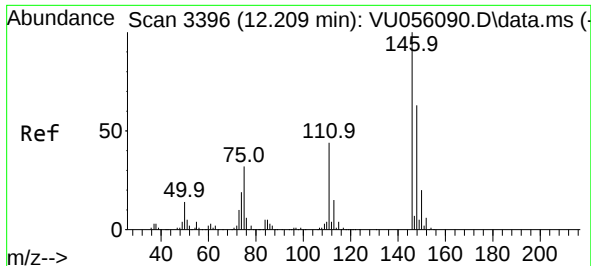
Tgt Ion:146 Resp: 324790
Ion Ratio Lower Upper
146 100
111 41.6 29.7 55.1
148 62.3 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.425 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056094.D
Acq: 07 Nov 2023 12:03

Tgt Ion:146 Resp: 312203
Ion Ratio Lower Upper
146 100
111 40.9 29.0 53.8
148 64.9 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 5.416 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

Instrument :

MSVOA_U

ClientSampleId :

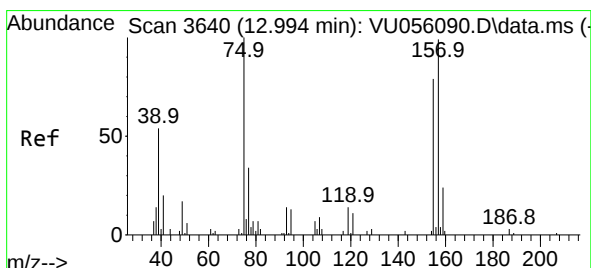
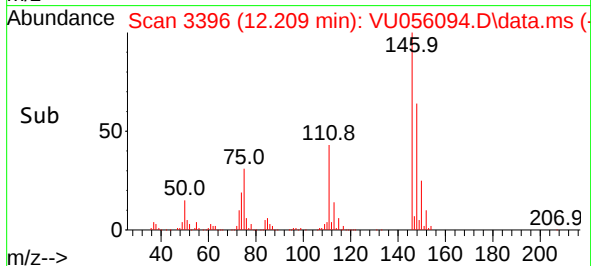
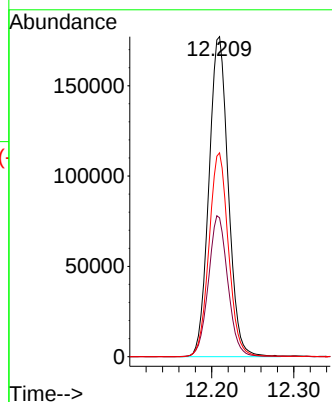
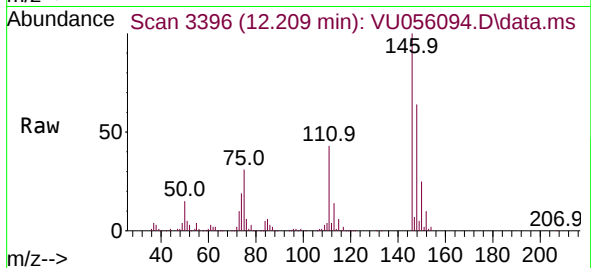
Tgt Ion:146 Resp: 290451

Ion Ratio Lower Upper

146 100

111 43.4 35.2 52.8

148 63.7 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.214 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

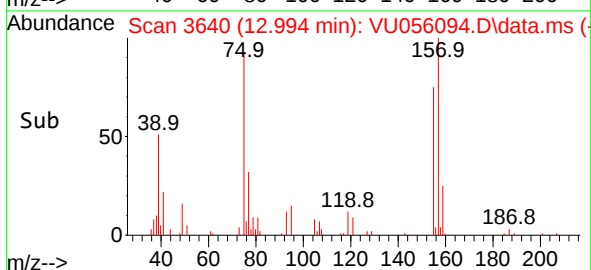
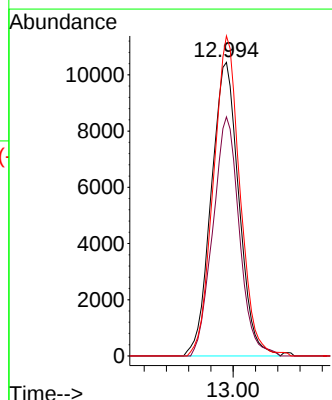
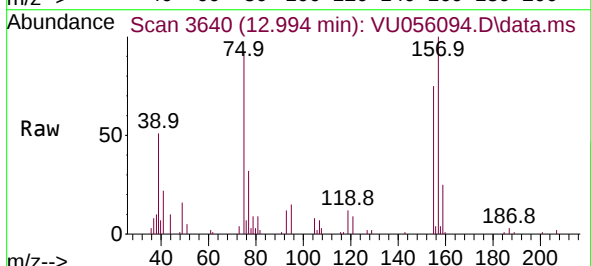
Tgt Ion: 75 Resp: 17992

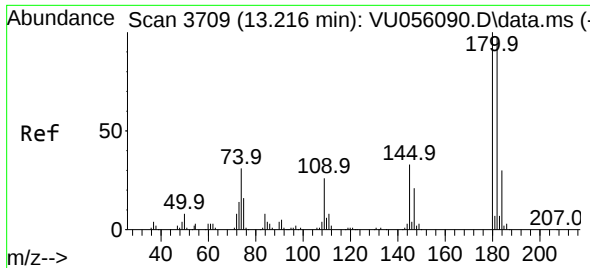
Ion Ratio Lower Upper

75 100

155 81.4 63.3 94.9

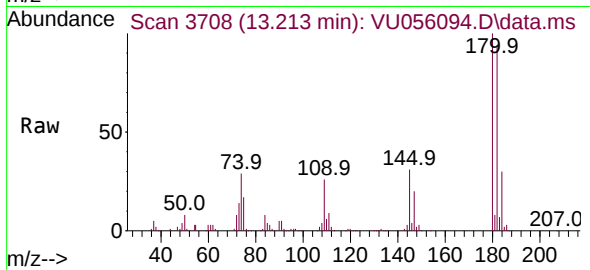
157 109.0 79.1 118.7



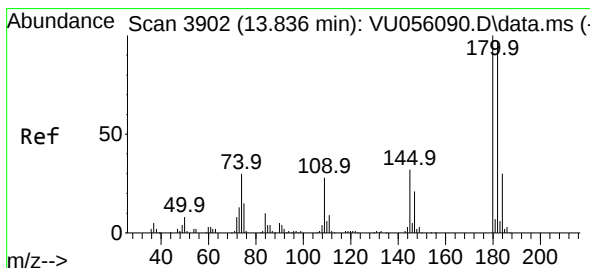
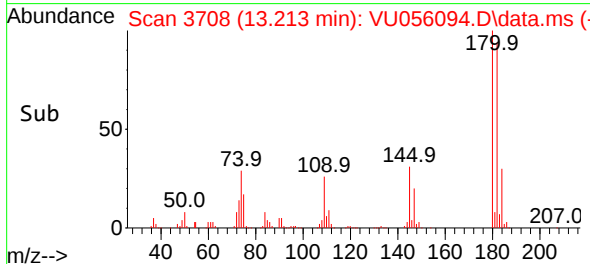
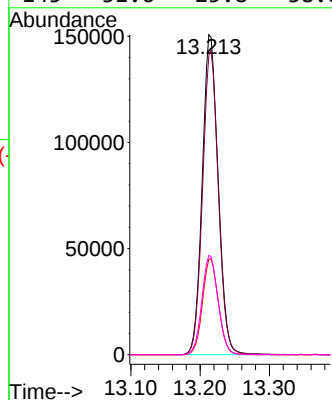


#69
 1,3,5-Trichlorobenzene
 Concen: 5.514 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU056094.D
 Acq: 07 Nov 2023 12:03

Instrument :
 MSVOA_U
 ClientSampleId :

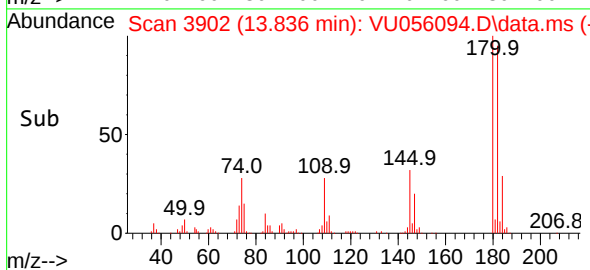
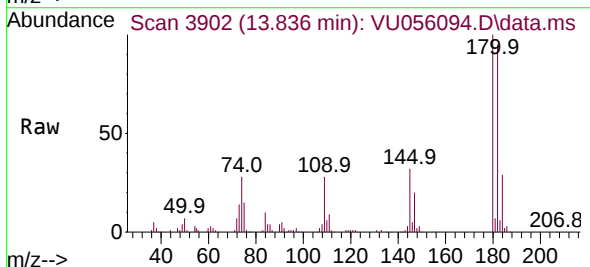
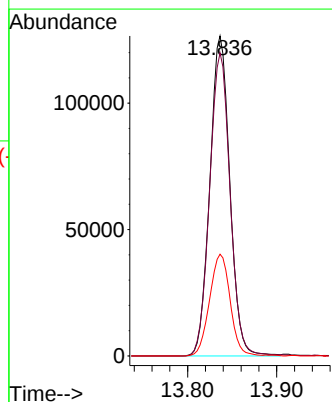


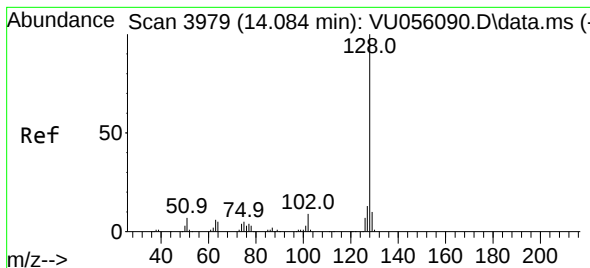
Tgt Ion:180 Resp: 240352
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.0 114.0
 184 29.9 24.0 36.0
 145 31.6 25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.706 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU056094.D
 Acq: 07 Nov 2023 12:03

Tgt Ion:180 Resp: 197324
 Ion Ratio Lower Upper
 180 100
 182 96.6 77.4 116.2
 145 32.7 25.9 38.9





#71

Naphthalene

Concen: 5.975 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

Instrument :

MSVOA_U

ClientSampleId :

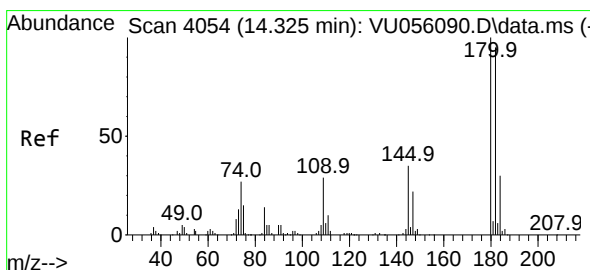
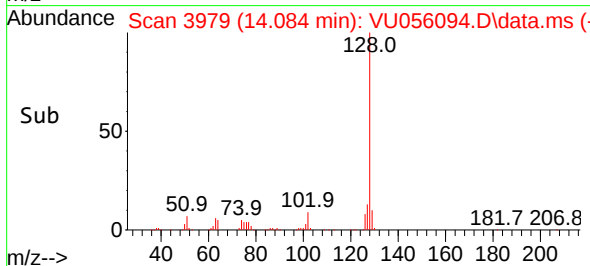
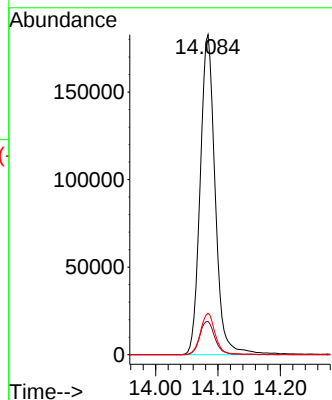
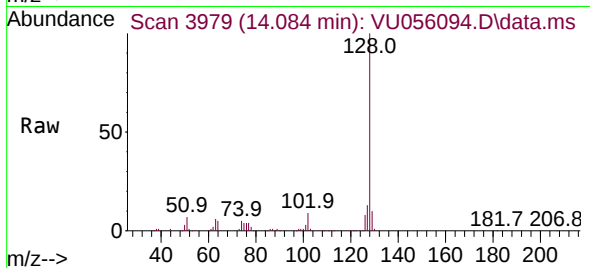
Tgt Ion:128 Resp: 306486

Ion Ratio Lower Upper

128 100

129 10.6 8.4 12.6

127 12.7 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 5.696 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU056094.D

Acq: 07 Nov 2023 12:03

Tgt Ion:180 Resp: 172684

Ion Ratio Lower Upper

180 100

182 98.1 76.6 115.0

145 34.0 28.0 42.0

