

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055133.D
 Acq On : 06 Sep 2023 10:02
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 20:39:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	194788	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	194732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	106228	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	34403	3.768	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.898	69	54736	5.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.560	65	22463	4.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.628	46	141868	53.550	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.100%
24) Chloroform-d	5.062	84	112489	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.698	65	57182	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.724	84	210617	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.689	67	68529	4.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.897	98	193583	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.180	79	19513	4.635	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.634	63	89734	52.498	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.000%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54518	5.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	71017	4.580	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	55067	4.865	ug/L	98
3) Chloromethane	1.515	50	58123	5.044	ug/L	99
5) Vinyl chloride	1.599	62	59716	4.912	ug/L	96
6) Bromomethane	1.849	94	39461	5.382	ug/L	99
8) Chloroethane	1.917	64	43096	5.445	ug/L	99
9) Trichlorofluoromethane	2.129	101	84930	4.804	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	50392	4.899	ug/L	99
12) 1,1-Dichloroethene	2.573	96	43693	4.852	ug/L	89
13) Acetone	2.631	43	98979	55.744	ug/L	99
14) Carbon disulfide	2.785	76	103455	4.691	ug/L	96
15) Methyl Acetate	2.952	43	20964	5.768	ug/L	100
16) Methylene chloride	3.036	84	55674	4.046	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	124297	5.263	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	44794	4.903	ug/L	94
19) 1,1-Dichloroethane	3.865	63	98262	4.976	ug/L	98
21) 2-Butanone	4.705	43	142045	54.448	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	54969	4.915	ug/L	96
23) Bromochloromethane	4.972	128	24094	5.238	ug/L	94
25) Chloroform	5.084	83	103014	5.009	ug/L	94

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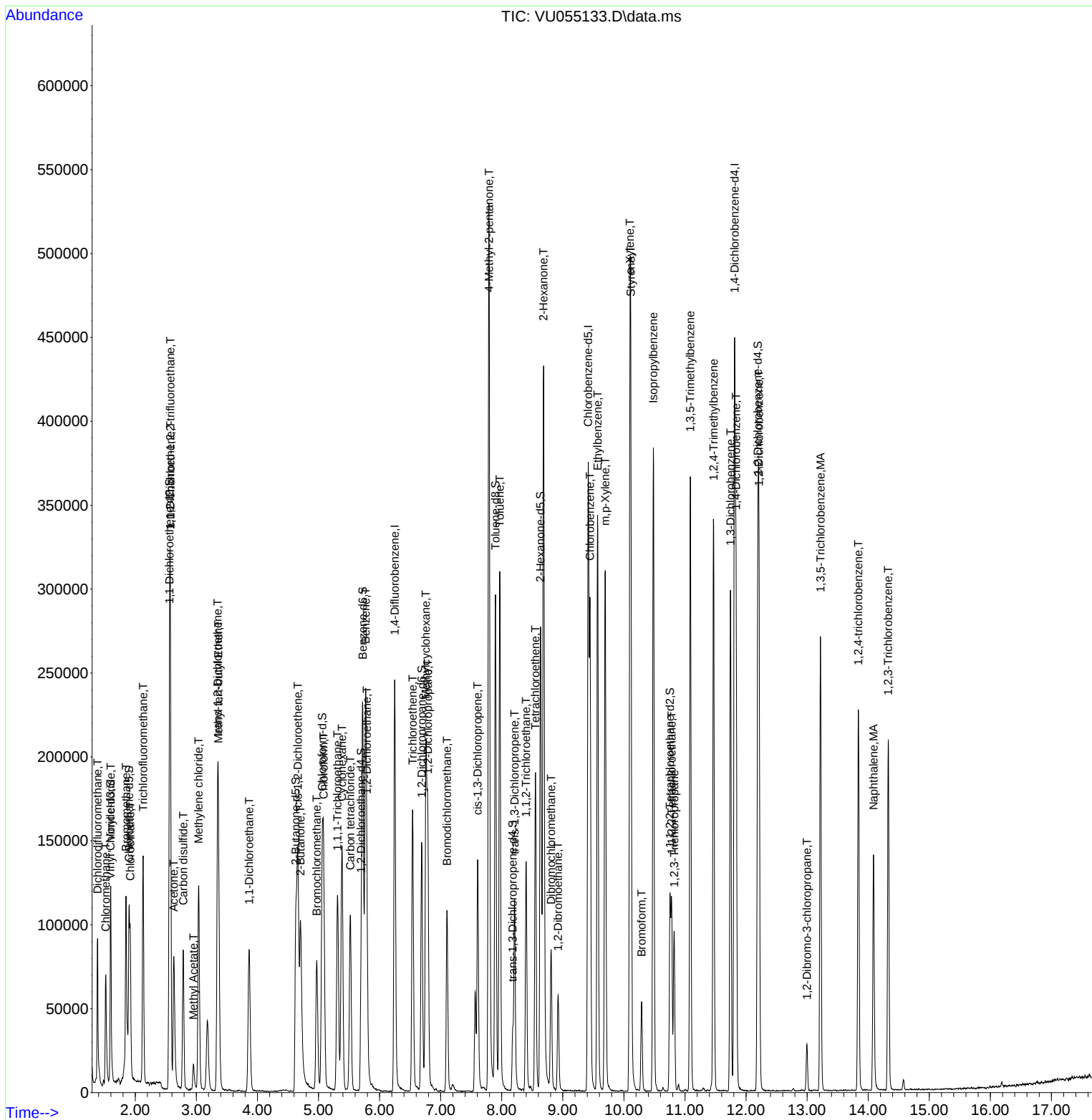
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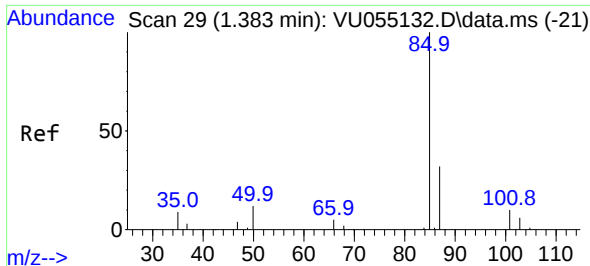
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	65579	5.225	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	82083	4.873	ug/L	99
30) Cyclohexane	5.383	56	72828	4.862	ug/L	97
31) Carbon tetrachloride	5.521	117	69419	4.956	ug/L	98
33) Benzene	5.772	78	206782	4.989	ug/L	100
34) Trichloroethene	6.541	95	57536	4.995	ug/L	98
35) Methylcyclohexane	6.759	83	75273	4.658	ug/L	97
37) 1,2-Dichloropropane	6.791	63	60195	5.335	ug/L	98
38) Bromodichloromethane	7.103	83	68178	5.061	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	80157	5.223	ug/L	99
40) 4-Methyl-2-pentanone	7.791	43	351503	54.612	ug/L	100
42) Toluene	7.968	91	222503	5.036	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	61520	5.107	ug/L	96
45) 1,1,2-Trichloroethane	8.399	97	41575	5.471	ug/L	93
47) Tetrachloroethene	8.550	164	39707	4.988	ug/L	93
48) 2-Hexanone	8.685	43	277323	55.008	ug/L	98
49) Dibromochloromethane	8.807	129	41403	4.991	ug/L	99
50) 1,2-Dibromoethane	8.923	107	38528	5.567	ug/L #	93
51) Chlorobenzene	9.447	112	143843	4.916	ug/L	99
52) Ethylbenzene	9.569	91	243826	4.933	ug/L	100
53) m,p-Xylene	9.695	106	89400	4.888	ug/L	99
54) o-Xylene	10.100	106	88512	4.918	ug/L	94
55) Styrene	10.113	104	148053	4.981	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.782	83	52269	5.521	ug/L	88
59) Bromoform	10.290	173	22046	5.194	ug/L	99
60) Isopropylbenzene	10.483	105	242945	4.905	ug/L	99
61) 1,2,3-Trichloropropane	10.823	75	38985	5.530	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	198570	4.819	ug/L	99
63) 1,2,4-Trimethylbenzene	11.470	105	186999	4.604	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	113716	4.782	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	110678	4.670	ug/L	99
67) 1,2-Dichlorobenzene	12.212	146	107309	4.813	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	7288	5.367	ug/L	97
69) 1,3,5-Trichlorobenzene	13.219	180	79446	4.421	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	63899	3.792	ug/L	95
71) Naphthalene	14.087	128	112521	3.674	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	61418	4.199	ug/L	99

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

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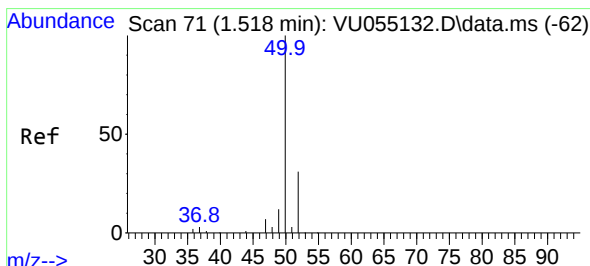
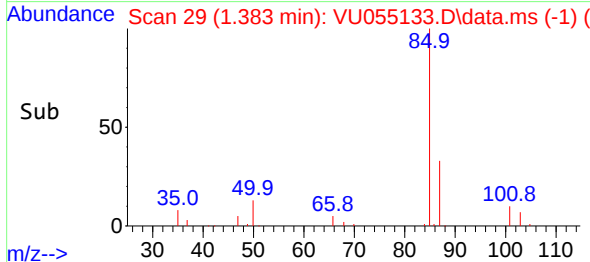
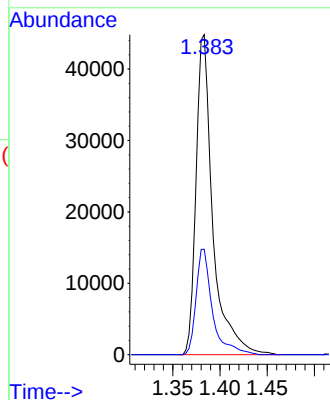
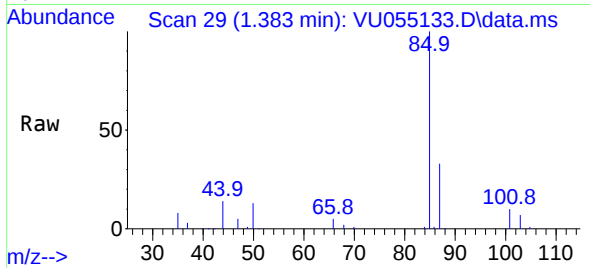




#2
 Dichlorodifluoromethane
 Concen: 4.865 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055133.D
 Acq: 06 Sep 2023 10:02

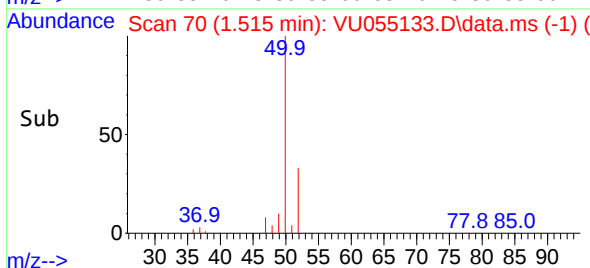
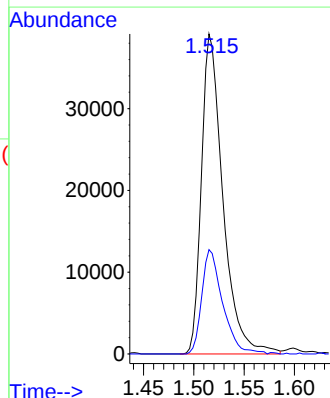
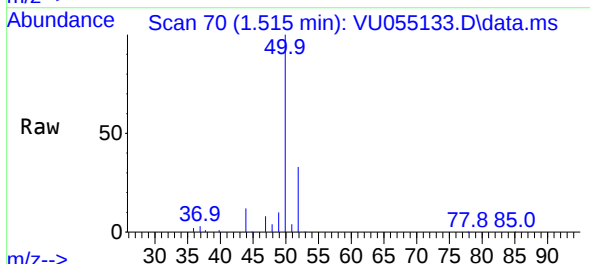
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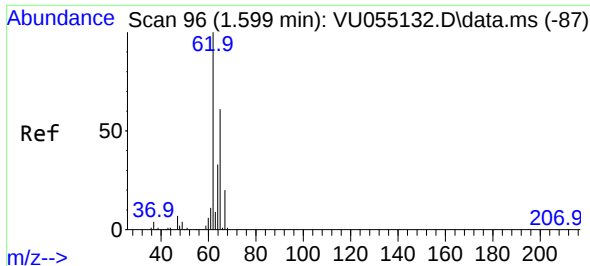
Tgt Ion: 85 Resp: 55067
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.1 37.7



#3
 Chloromethane
 Concen: 5.044 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU055133.D
 Acq: 06 Sep 2023 10:02

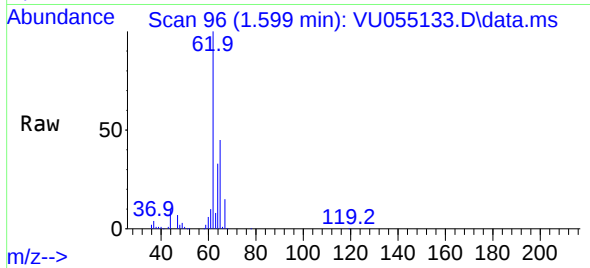
Tgt Ion: 50 Resp: 58123
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.5 41.7



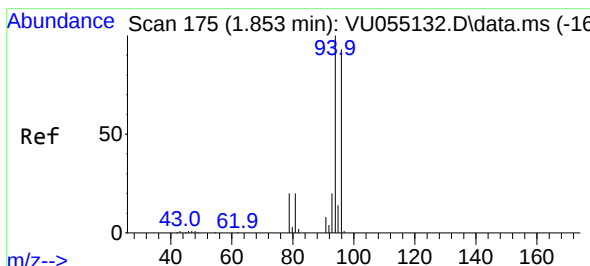
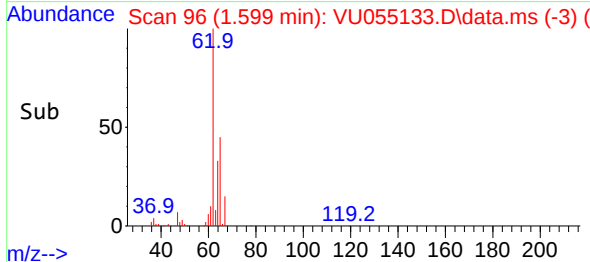
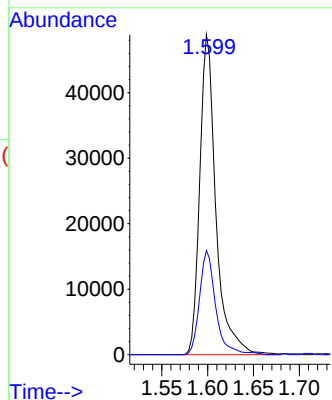


#5
 Vinyl chloride
 Concen: 4.912 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU055133.D
 Acq: 06 Sep 2023 10:02

Instrument :
 MSVOA_U
 ClientSampleId :

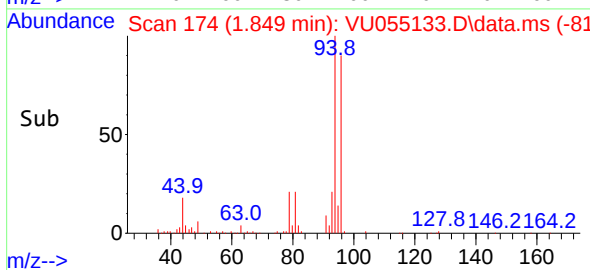
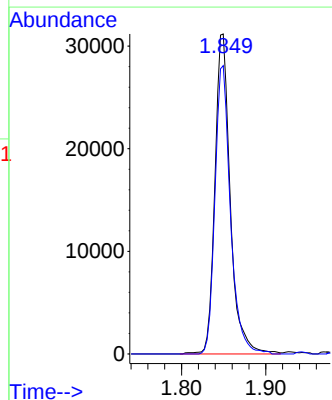
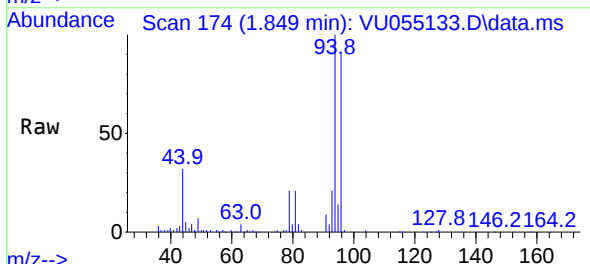


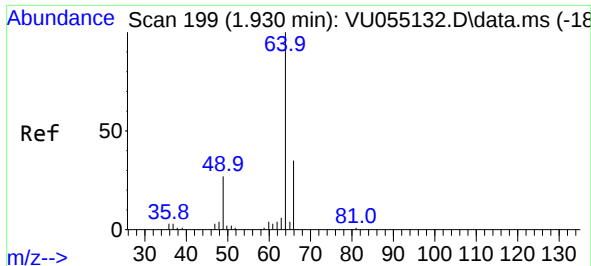
Tgt Ion: 62 Resp: 59716
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.2 45.0



#6
 Bromomethane
 Concen: 5.382 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VU055133.D
 Acq: 06 Sep 2023 10:02

Tgt Ion: 94 Resp: 39461
 Ion Ratio Lower Upper
 94 100
 96 90.1 63.8 118.4

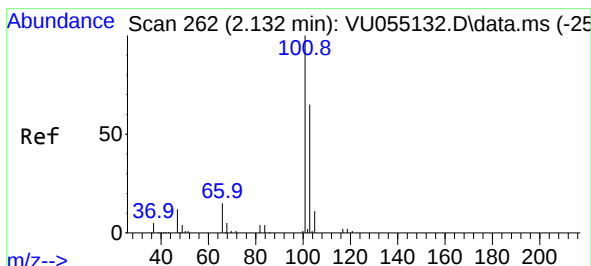
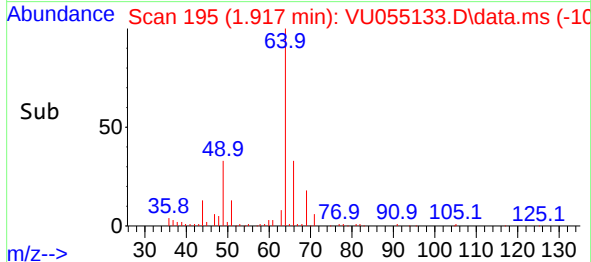
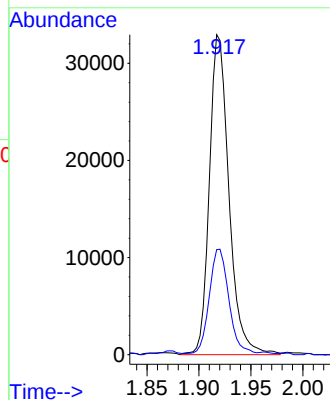
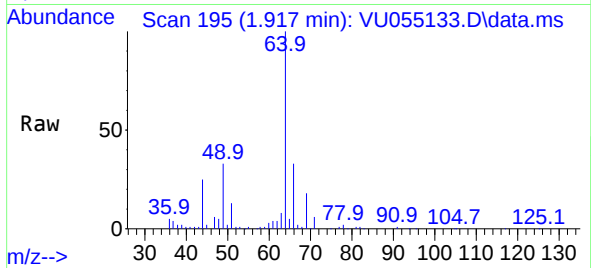




#8
Chloroethane
Concen: 5.445 ug/L
RT: 1.917 min Scan# 19
Delta R.T. -0.010 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

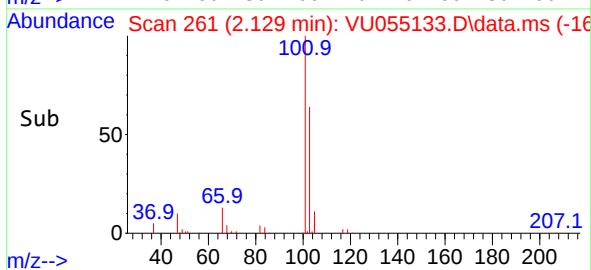
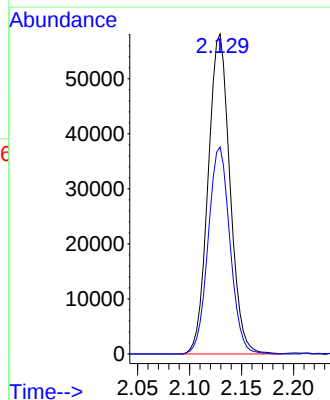
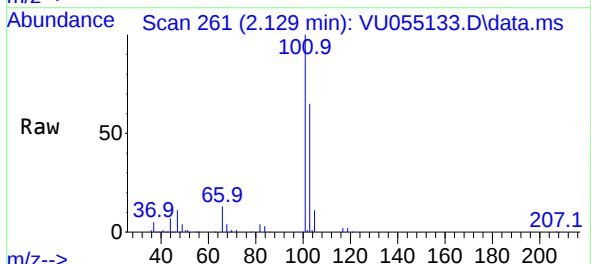
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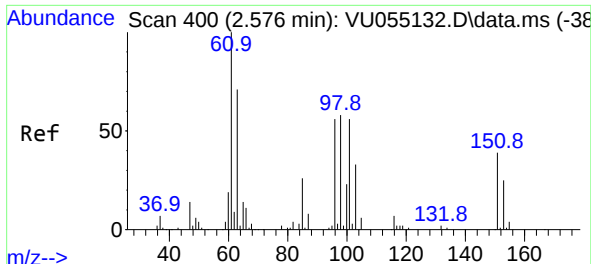
Tgt Ion: 64 Resp: 43096
Ion Ratio Lower Upper
64 100
66 32.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.804 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Tgt Ion:101 Resp: 84930
Ion Ratio Lower Upper
101 100
103 64.7 51.9 77.9

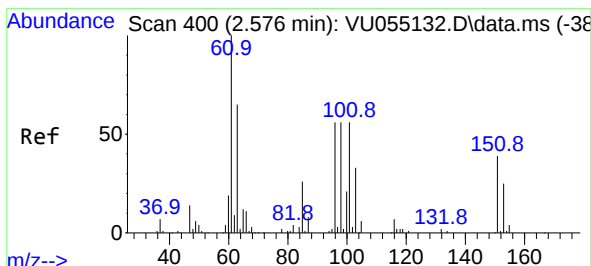
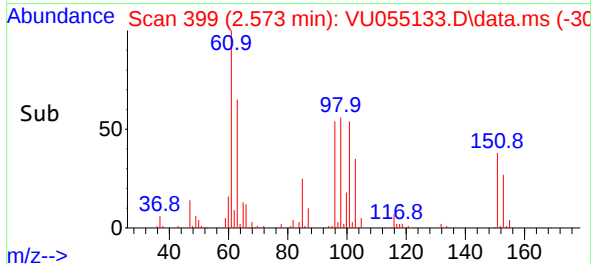
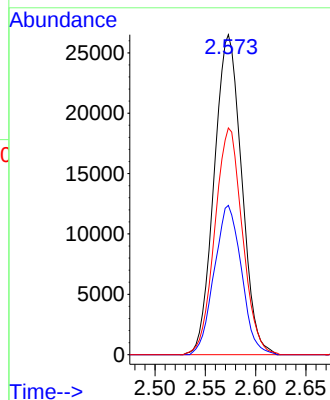
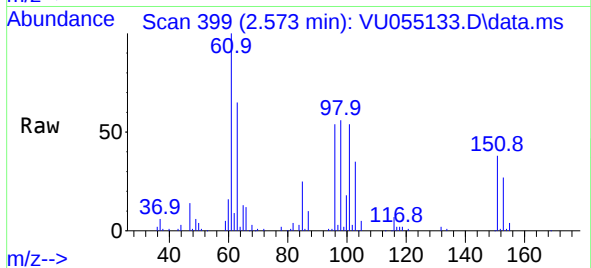




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.899 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

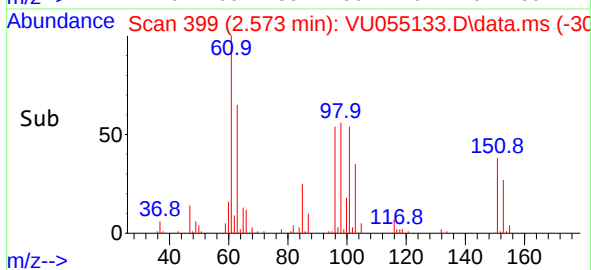
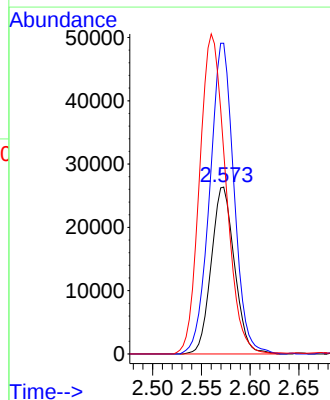
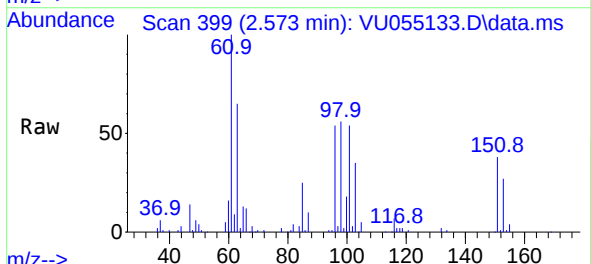
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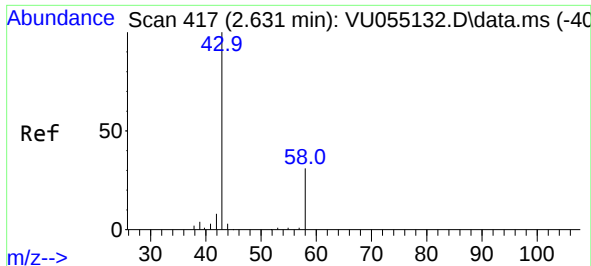
Tgt Ion:101 Resp: 50392
Ion Ratio Lower Upper
101 100
85 46.3 37.3 55.9
151 71.3 57.6 86.4



#12
1,1-Dichloroethene
Concen: 4.852 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Tgt Ion: 96 Resp: 43693
Ion Ratio Lower Upper
96 100
61 186.1 120.8 224.4
63 121.2 94.5 175.5





#13

Acetone

Concen: 55.744 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.000 min

Lab File: VU055133.D

Acq: 06 Sep 2023 10:02

Instrument :

MSVOA_U

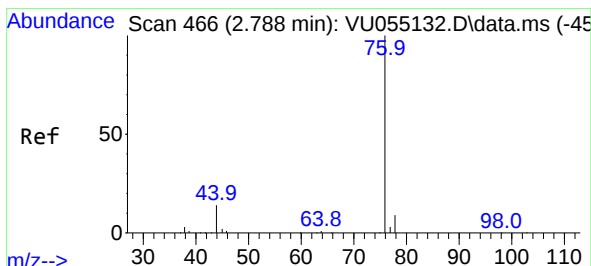
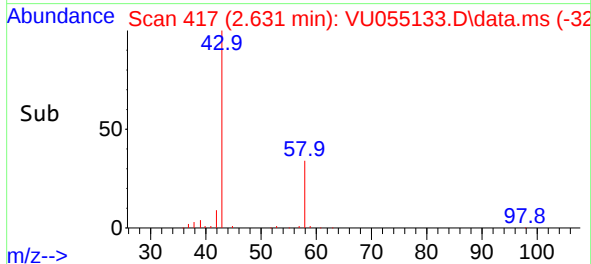
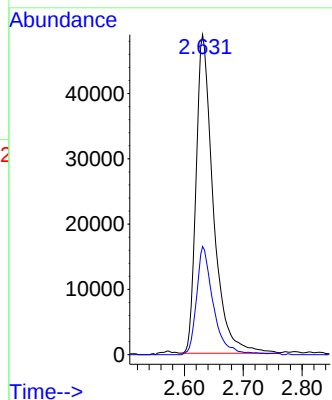
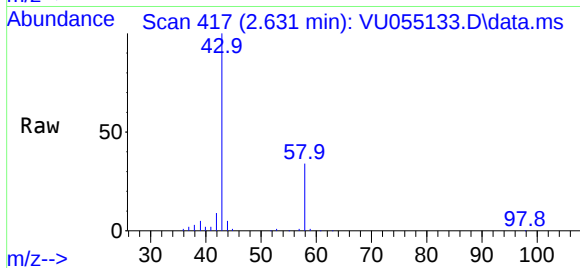
ClientSampleId :

Tgt Ion: 43 Resp: 98979

Ion Ratio Lower Upper

43 100

58 33.2 0.0 67.8



#14

Carbon disulfide

Concen: 4.691 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU055133.D

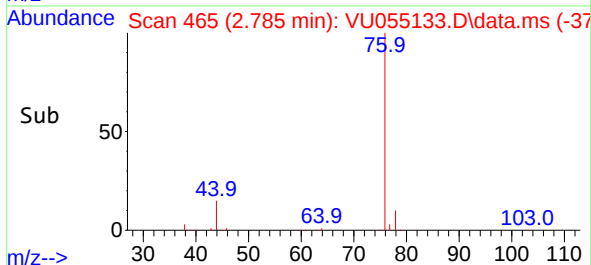
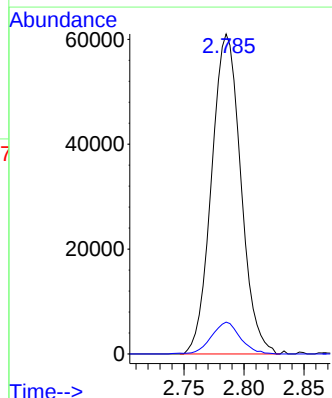
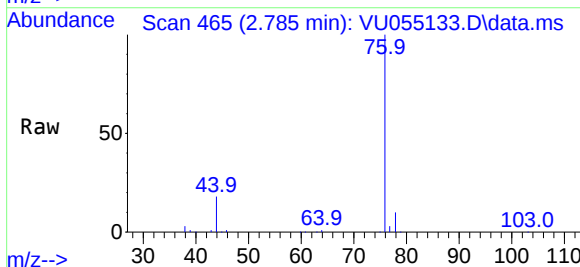
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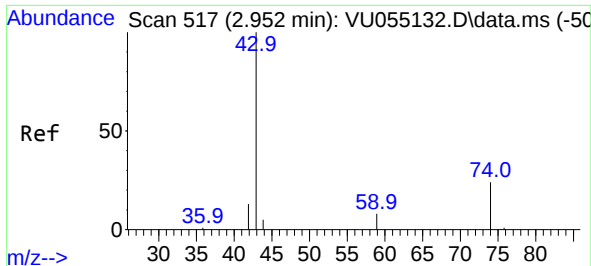
Tgt Ion: 76 Resp: 103455

Ion Ratio Lower Upper

76 100

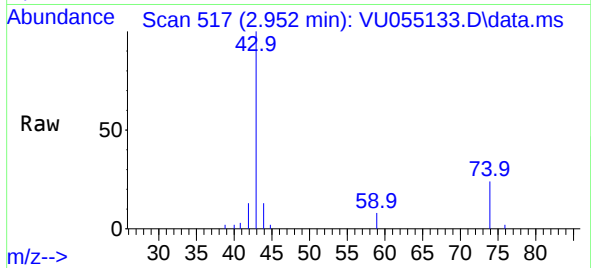
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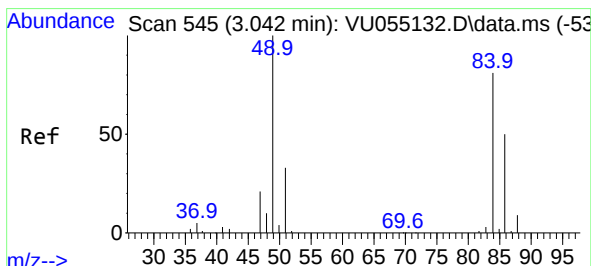
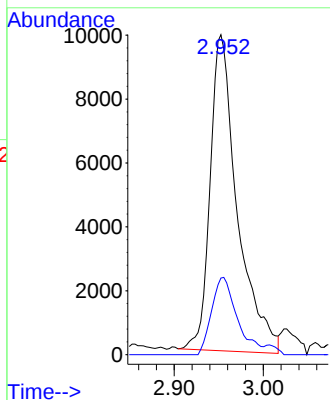
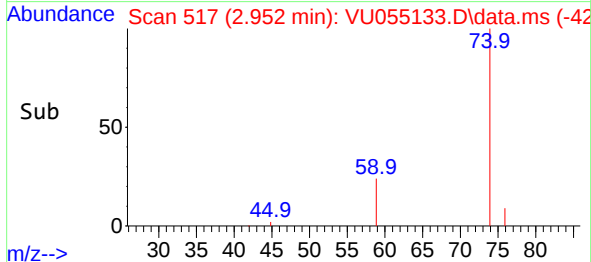


#15
Methyl Acetate
Concen: 5.768 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Instrument :
MSVOA_U
ClientSampleId :

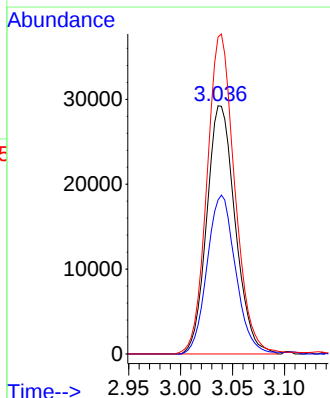
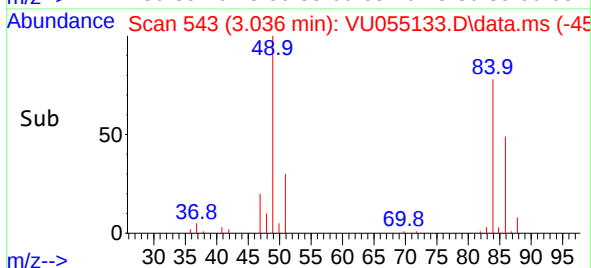
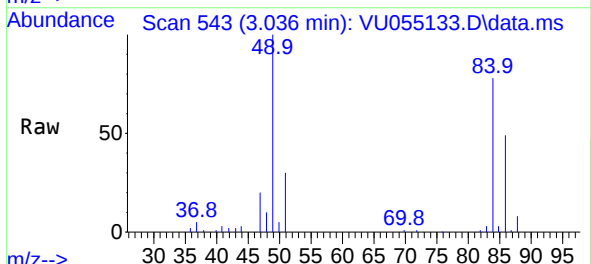


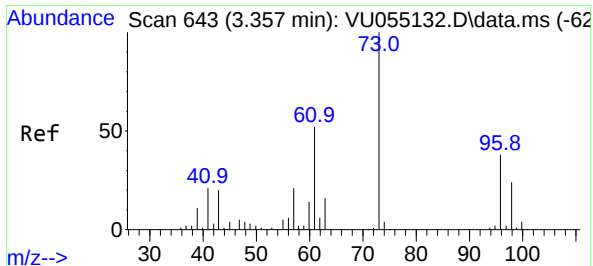
Tgt Ion: 43 Resp: 20964
Ion Ratio Lower Upper
43 100
74 23.0 18.4 27.6



#16
Methylene chloride
Concen: 4.046 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

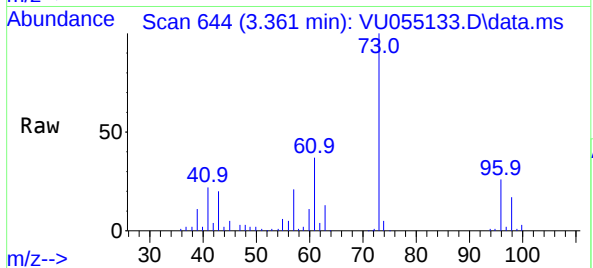
Tgt Ion: 84 Resp: 55674
Ion Ratio Lower Upper
84 100
86 62.0 43.4 80.6
49 127.7 87.7 162.9



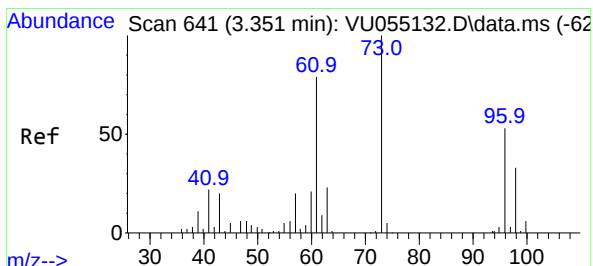
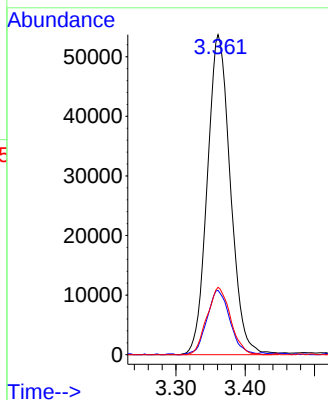
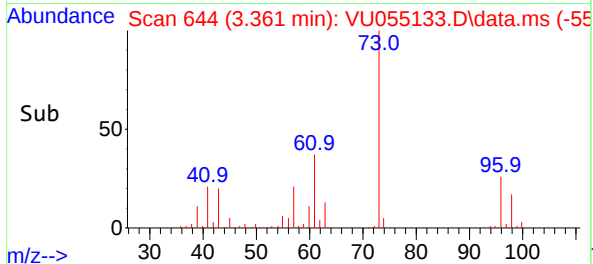


#17
Methyl tert-butyl Ether
Concen: 5.263 ug/L
RT: 3.361 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

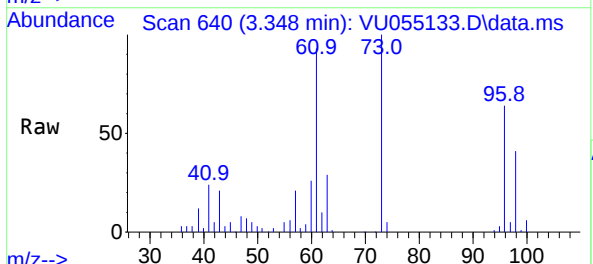
Instrument :
MSVOA_U
ClientSampleId :



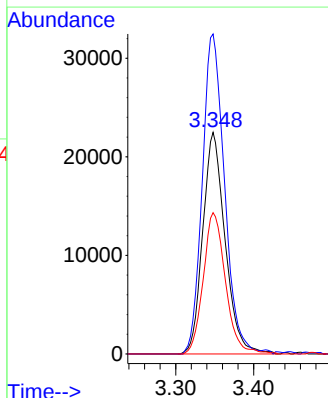
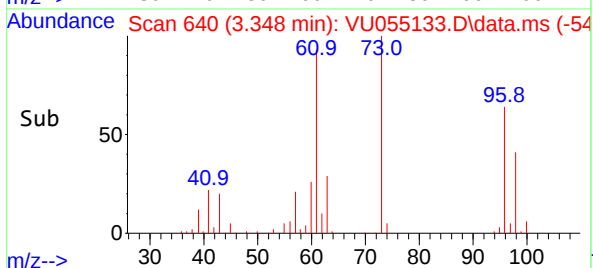
Tgt Ion: 73 Resp: 124297
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.2
57 21.4 17.4 26.2

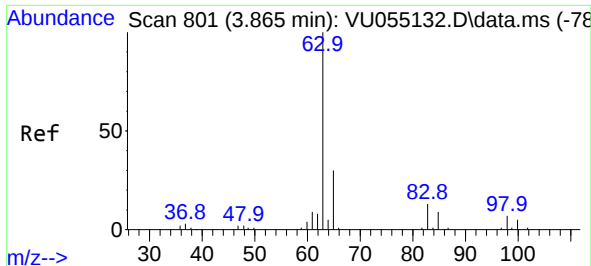


#18
trans-1,2-Dichloroethene
Concen: 4.903 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02



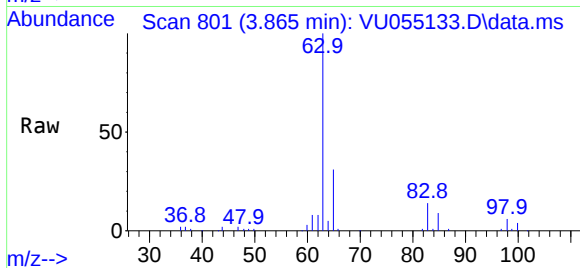
Tgt Ion: 96 Resp: 44794
Ion Ratio Lower Upper
96 100
61 144.4 108.1 200.9
98 63.7 45.4 84.4



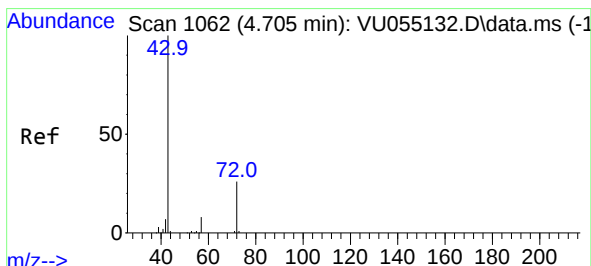
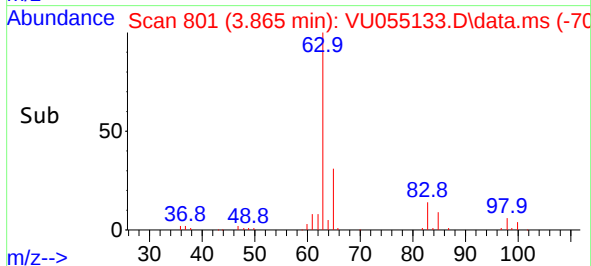
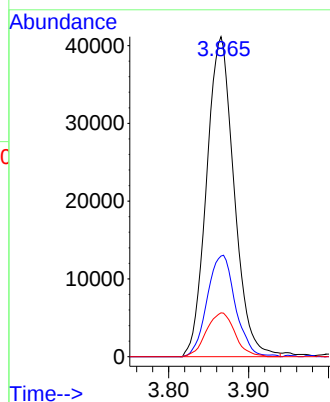


#19
1,1-Dichloroethane
Concen: 4.976 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Instrument :
MSVOA_U
ClientSampleId :

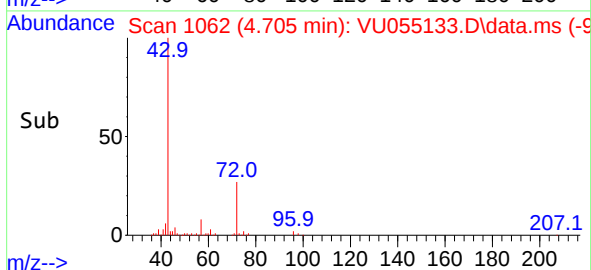
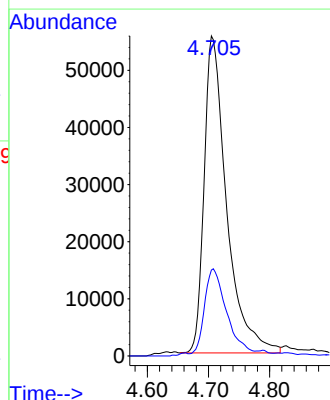
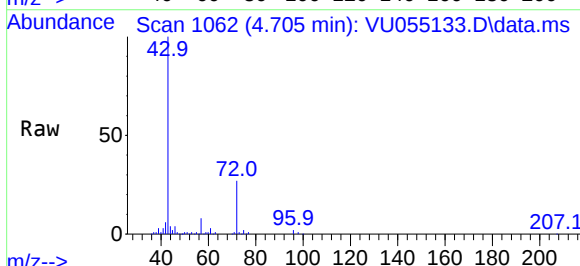


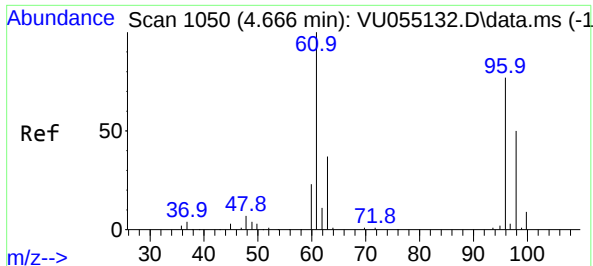
Tgt Ion: 63 Resp: 98262
Ion Ratio Lower Upper
63 100
65 32.0 22.2 41.2
83 13.7 10.6 19.8



#21
2-Butanone
Concen: 54.448 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

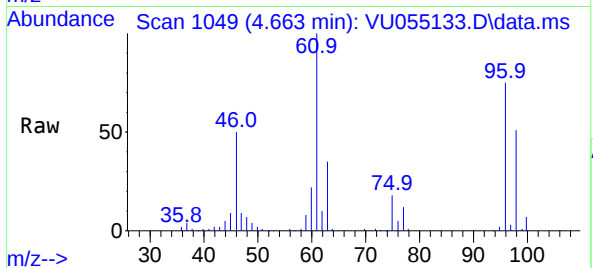
Tgt Ion: 43 Resp: 142045
Ion Ratio Lower Upper
43 100
72 26.2 13.5 40.5





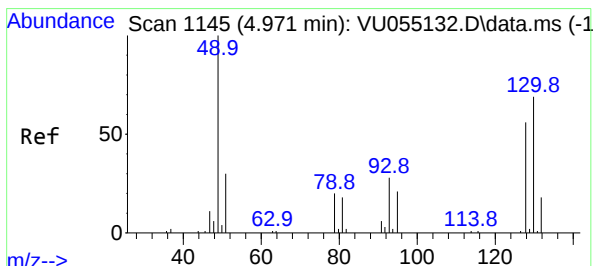
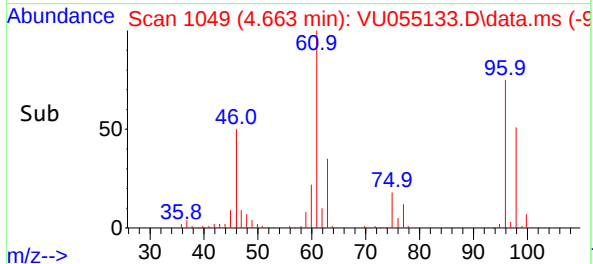
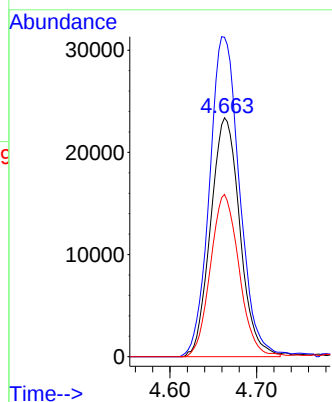
#22
 cis-1,2-Dichloroethene
 Concen: 4.915 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055133.D
 Acq: 06 Sep 2023 10:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 54969

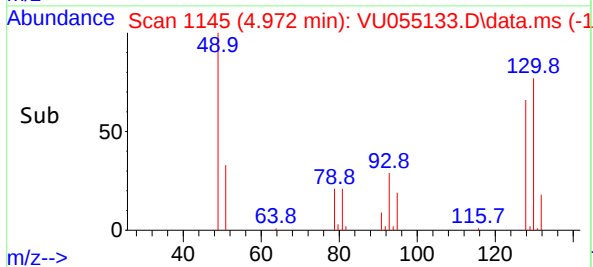
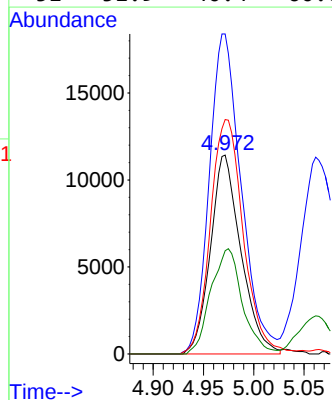
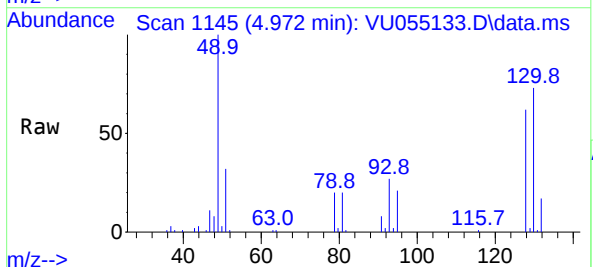
Ion	Ratio	Lower	Upper
96	100		
61	133.7	97.2	180.4
98	67.9	46.1	85.7

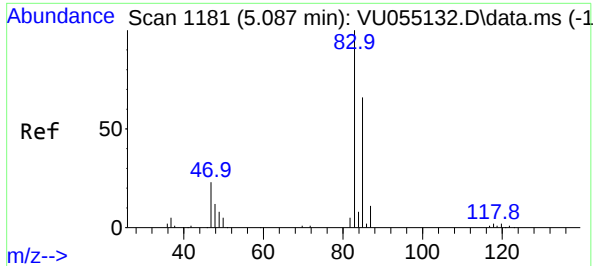


#23
 Bromochloromethane
 Concen: 5.238 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU055133.D
 Acq: 06 Sep 2023 10:02

Tgt Ion: 128 Resp: 24094

Ion	Ratio	Lower	Upper
128	100		
49	160.9	118.9	220.9
130	117.9	88.0	163.4
51	51.9	40.4	60.6

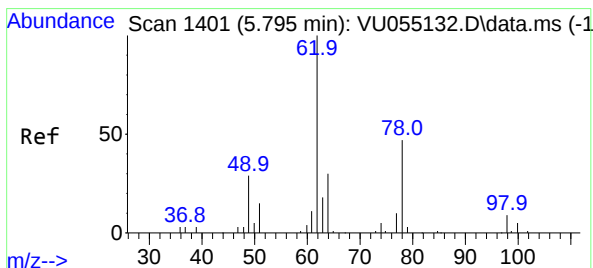
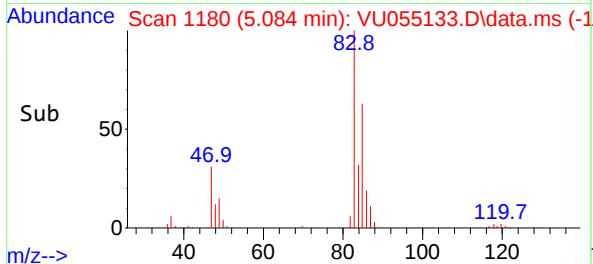
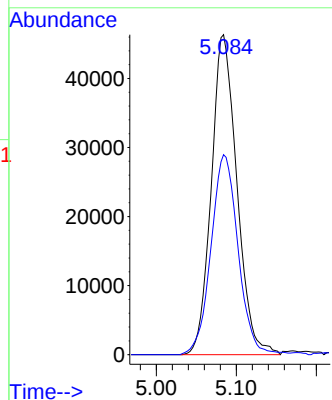
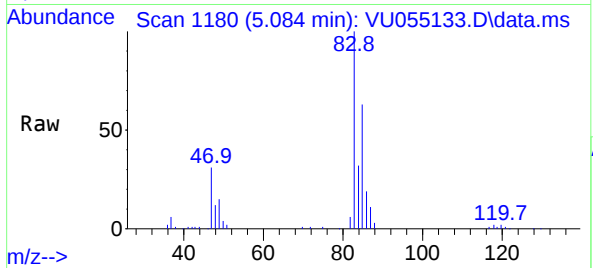




#25
Chloroform
Concen: 5.009 ug/L
RT: 5.084 min Scan# 1181
Delta R.T. -0.003 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

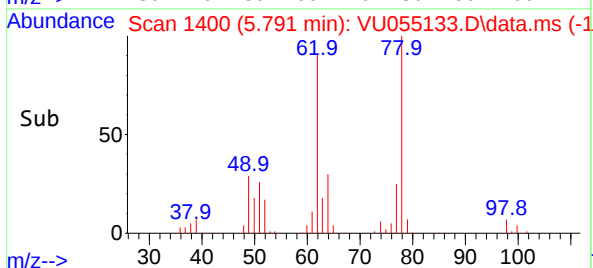
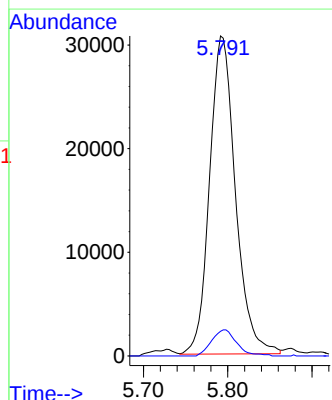
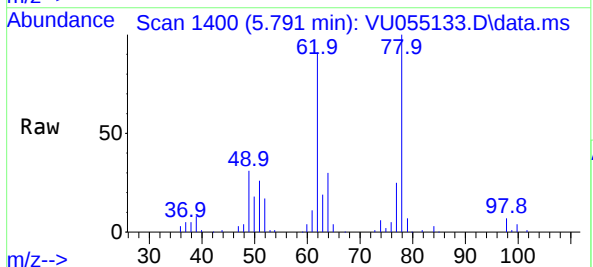
Instrument :
MSVOA_U
ClientSampleId :

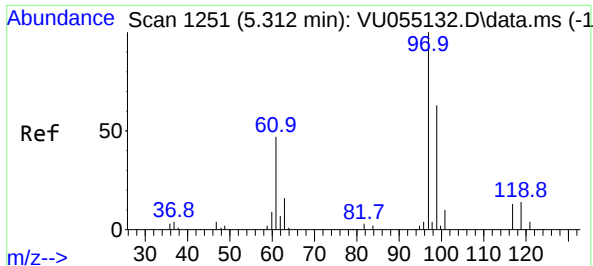
Tgt Ion: 83 Resp: 103014
Ion Ratio Lower Upper
83 100
85 62.5 47.2 87.6



#27
1,2-Dichloroethane
Concen: 5.225 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. -0.003 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Tgt Ion: 62 Resp: 65579
Ion Ratio Lower Upper
62 100
98 7.7 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 4.873 ug/L

RT: 5.312 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU055133.D

Acq: 06 Sep 2023 10:02

Instrument :

MSVOA_U

ClientSampleId :

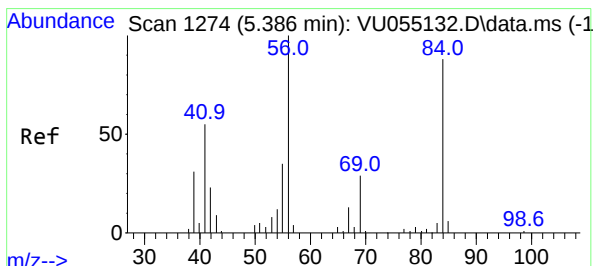
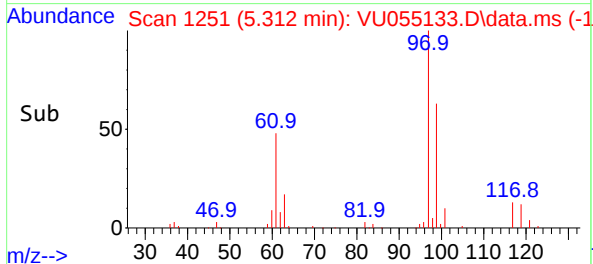
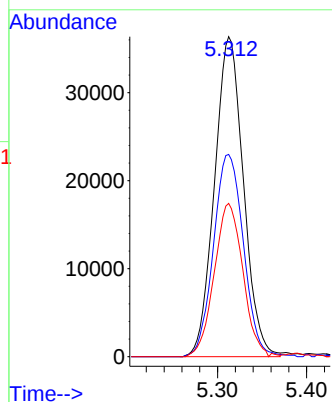
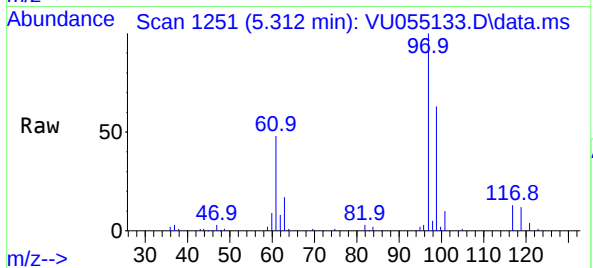
Tgt Ion: 97 Resp: 82083

Ion Ratio Lower Upper

97 100

99 65.5 51.8 77.8

61 47.2 36.8 55.2



#30

Cyclohexane

Concen: 4.862 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VU055133.D

Acq: 06 Sep 2023 10:02

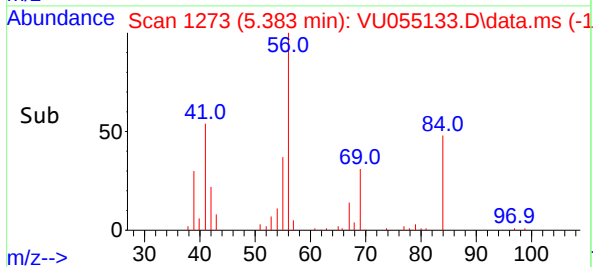
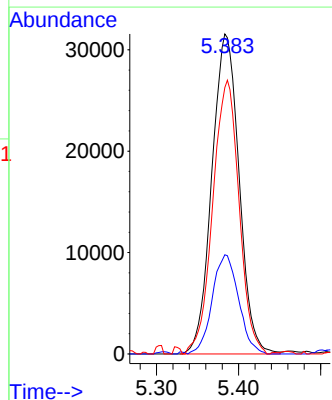
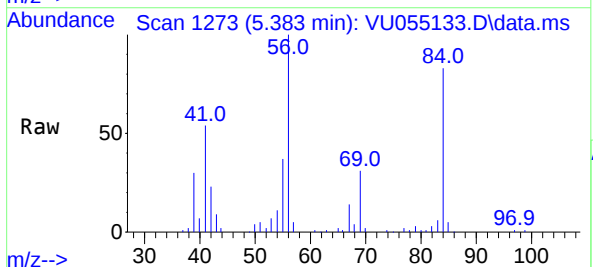
Tgt Ion: 56 Resp: 72828

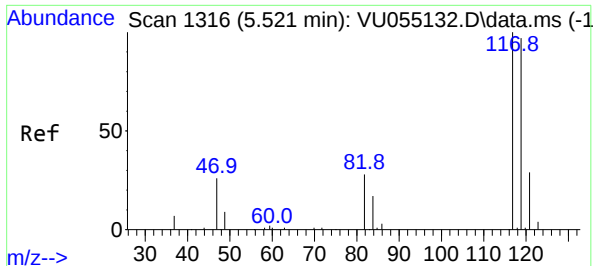
Ion Ratio Lower Upper

56 100

69 30.0 24.6 37.0

84 82.5 68.8 103.2

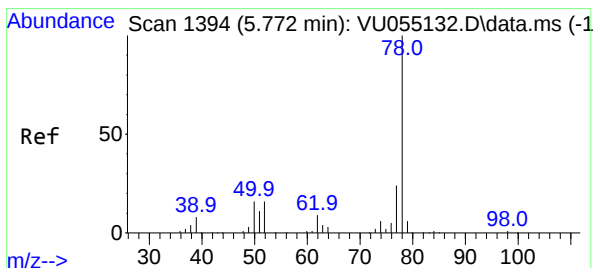
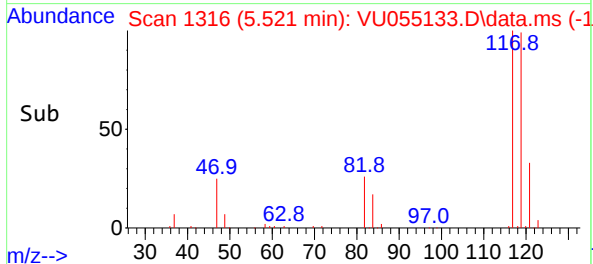
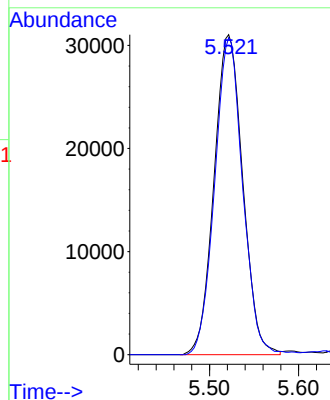
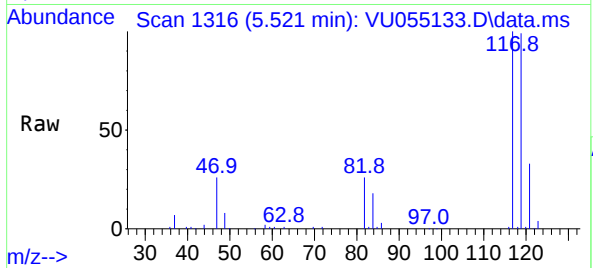




#31
Carbon tetrachloride
Concen: 4.956 ug/L
RT: 5.521 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

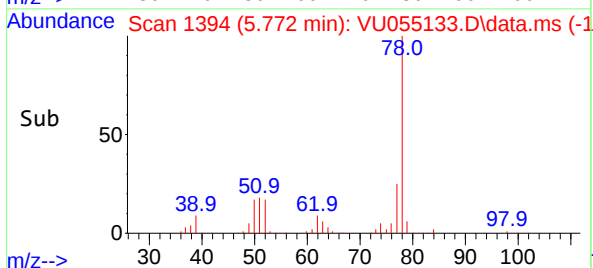
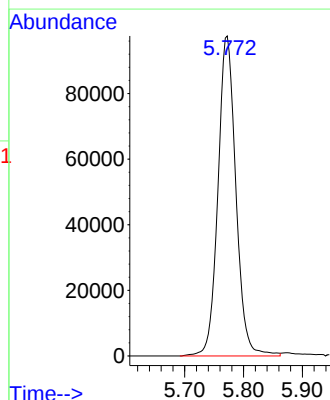
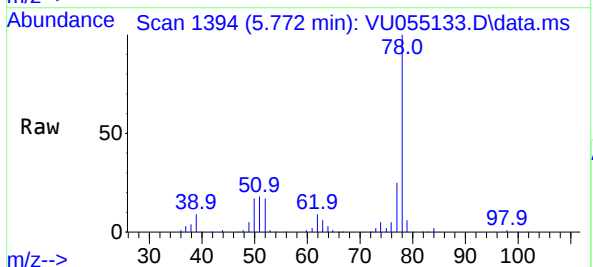
Instrument :
MSVOA_U
ClientSampleId :

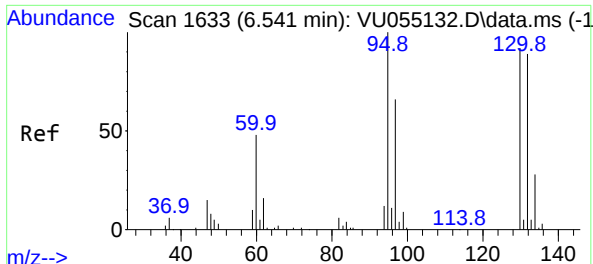
Tgt Ion:117 Resp: 69419
Ion Ratio Lower Upper
117 100
119 96.4 75.4 113.0



#33
Benzene
Concen: 4.989 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

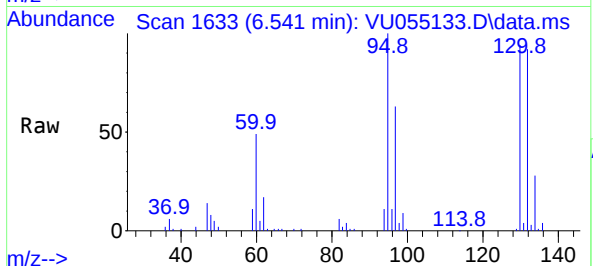
Tgt Ion: 78 Resp: 206782



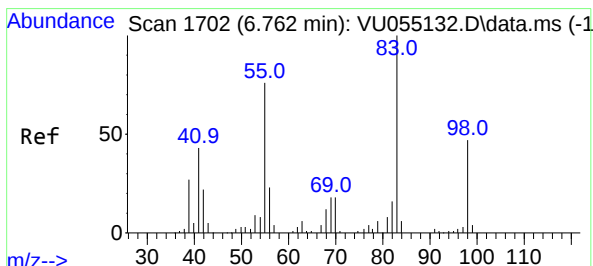
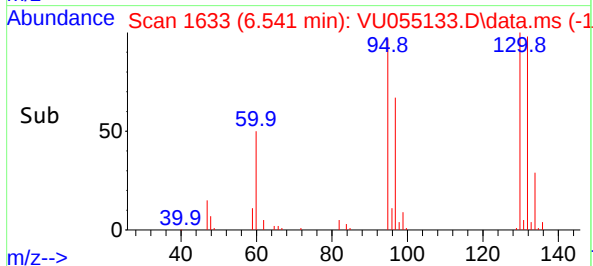
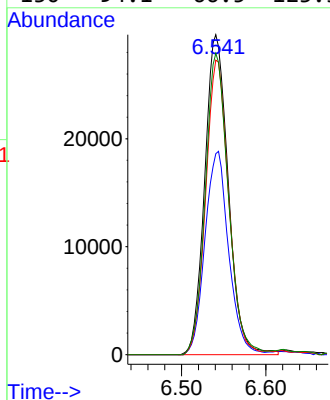


#34
Trichloroethene
Concen: 4.995 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Instrument :
MSVOA_U
ClientSampleId :

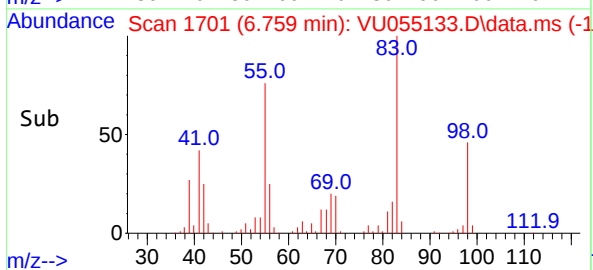
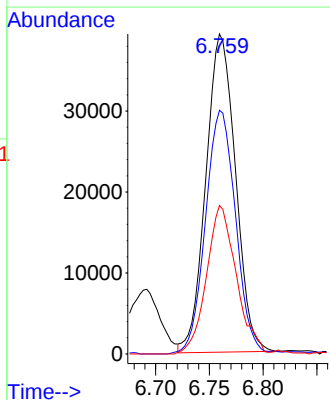
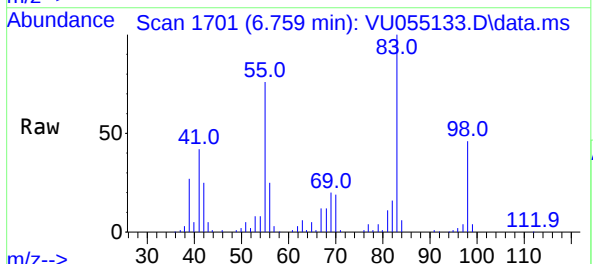


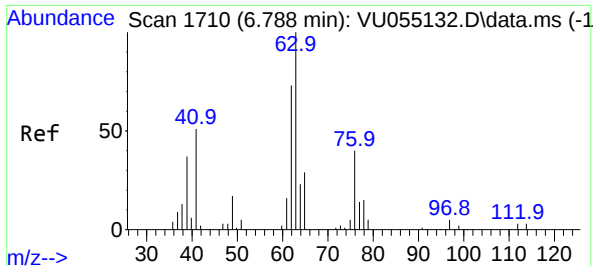
Tgt Ion: 95 Resp: 57536
Ion Ratio Lower Upper
95 100
97 62.8 44.7 83.1
132 92.0 66.6 123.6
130 94.1 66.5 123.5



#35
Methylcyclohexane
Concen: 4.658 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Tgt Ion: 83 Resp: 75273
Ion Ratio Lower Upper
83 100
55 78.0 60.4 90.6
98 46.9 35.3 52.9

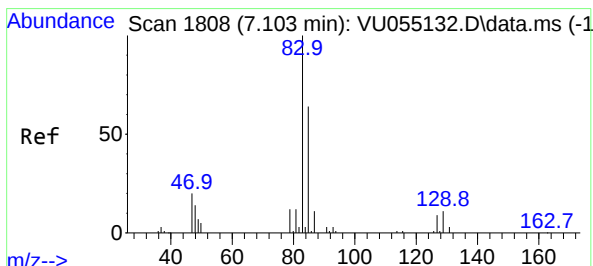
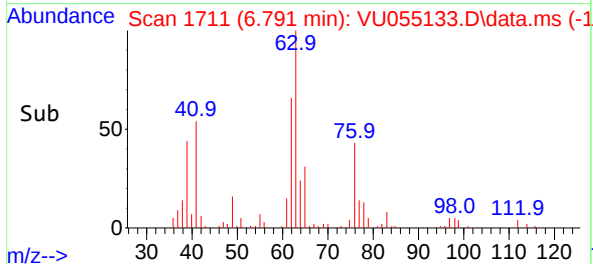
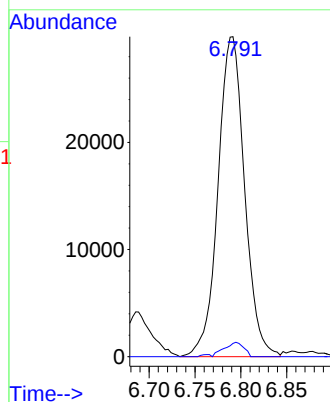
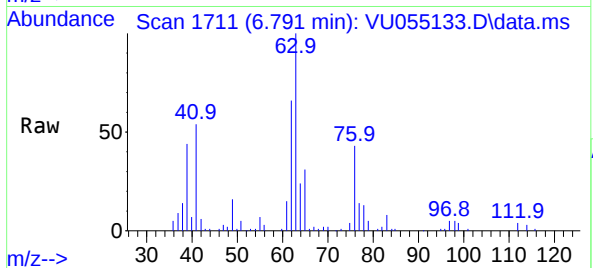




#37
1,2-Dichloropropane
Concen: 5.335 ug/L
RT: 6.791 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

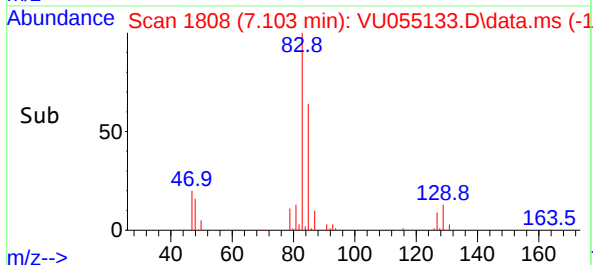
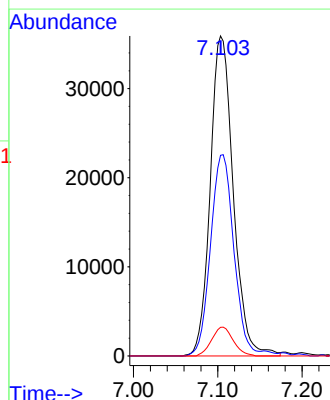
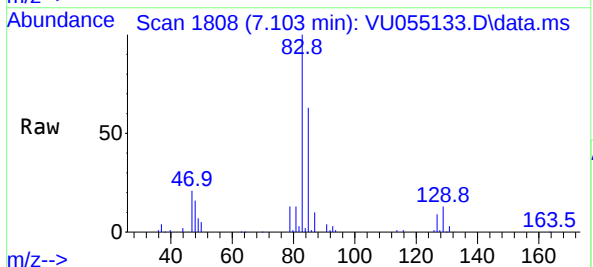
Instrument :
MSVOA_U
ClientSampleId :

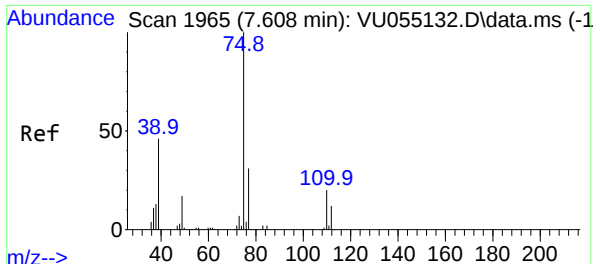
Tgt Ion: 63 Resp: 60195
Ion Ratio Lower Upper
63 100
112 3.3 3.2 4.8



#38
Bromodichloromethane
Concen: 5.061 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Tgt Ion: 83 Resp: 68178
Ion Ratio Lower Upper
83 100
85 62.7 44.9 83.5
127 8.9 7.8 11.8

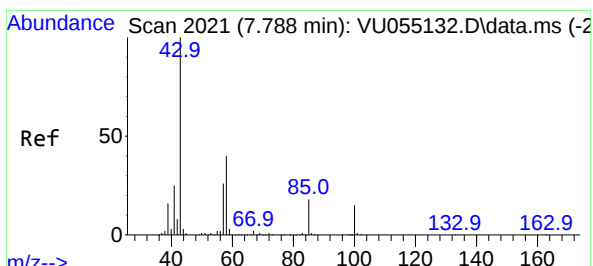
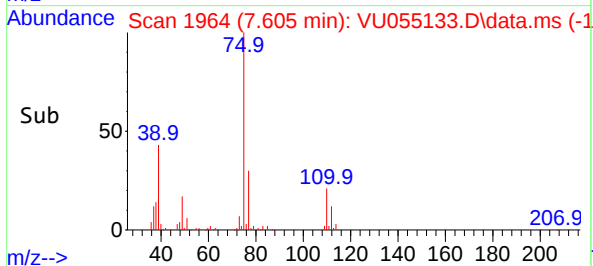
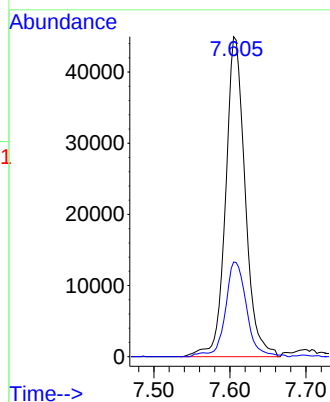
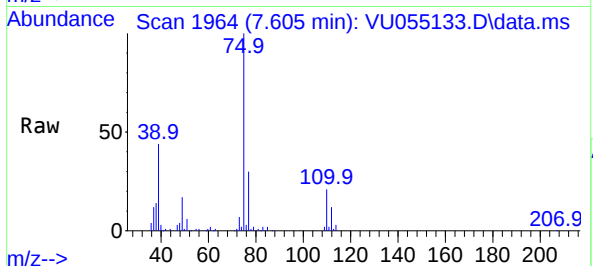




#39
cis-1,3-Dichloropropene
Concen: 5.223 ug/L
RT: 7.605 min Scan# 1965
Delta R.T. -0.003 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

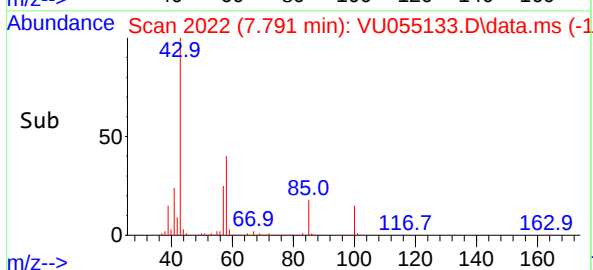
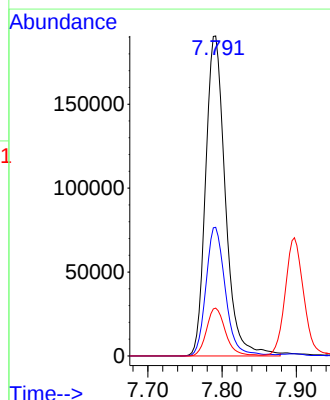
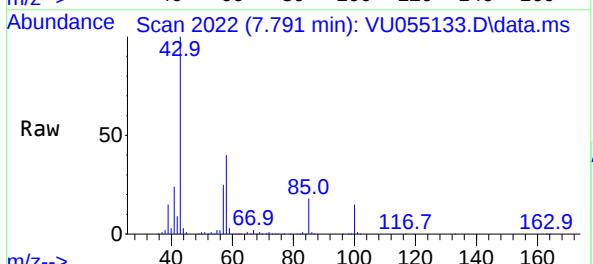
Instrument :
MSVOA_U
ClientSampleId :

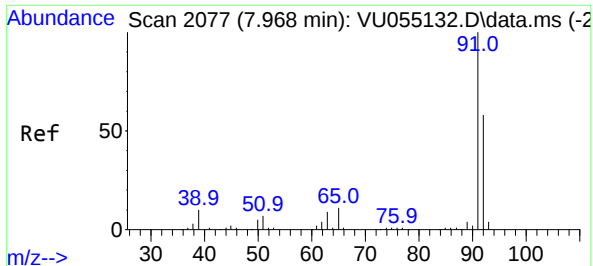
Tgt Ion: 75 Resp: 80157
Ion Ratio Lower Upper
75 100
77 29.6 20.9 38.9



#40
4-Methyl-2-pentanone
Concen: 54.612 ug/L
RT: 7.791 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Tgt Ion: 43 Resp: 351503
Ion Ratio Lower Upper
43 100
58 39.5 31.5 47.3
100 14.4 11.8 17.8





#42

Toluene

Concen: 5.036 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU055133.D

Acq: 06 Sep 2023 10:02

Instrument :

MSVOA_U

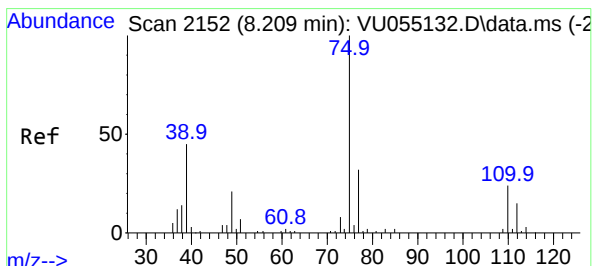
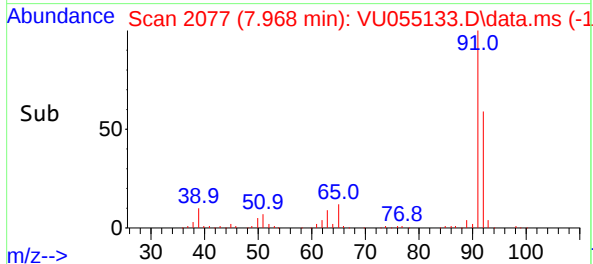
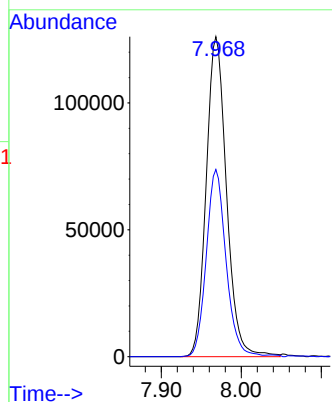
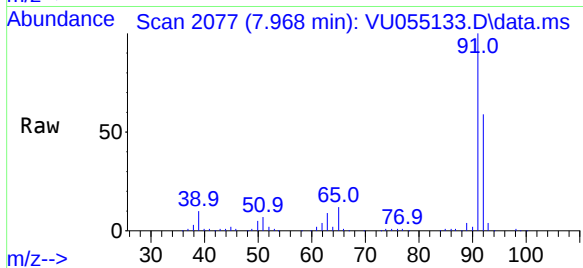
ClientSampleId :

Tgt Ion: 91 Resp: 222503

Ion Ratio Lower Upper

91 100

92 58.5 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 5.107 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055133.D

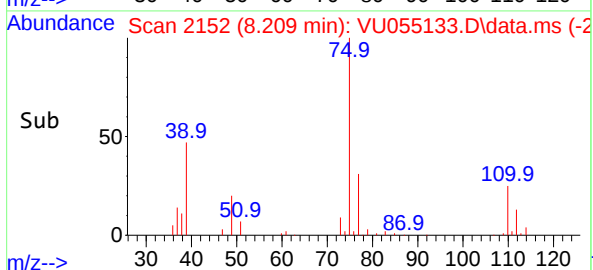
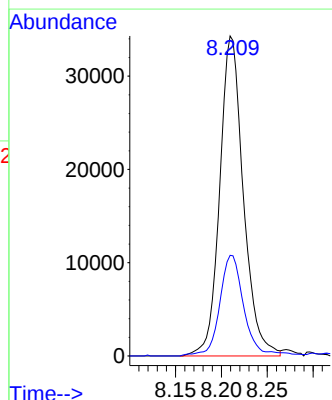
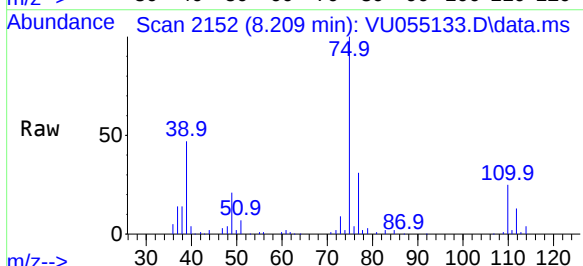
Acq: 06 Sep 2023 10:02

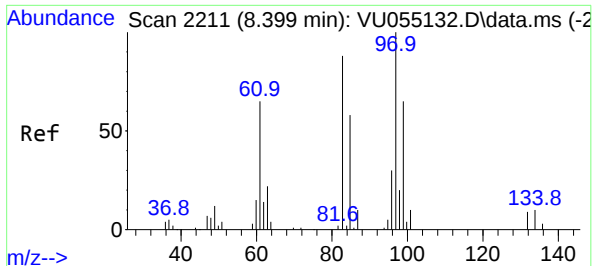
Tgt Ion: 75 Resp: 61520

Ion Ratio Lower Upper

75 100

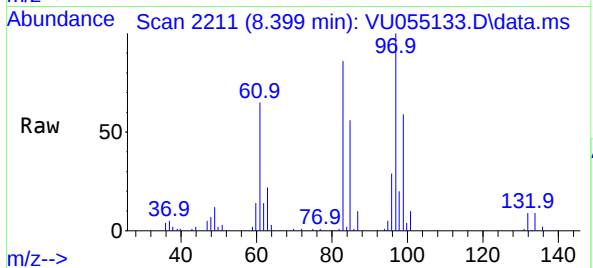
77 31.4 20.5 38.1





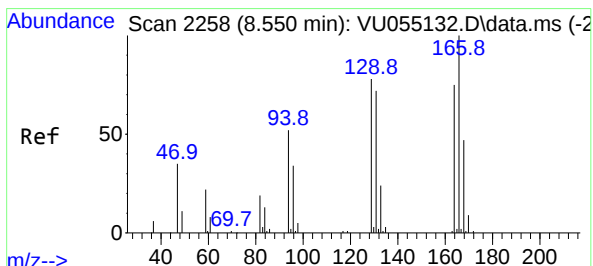
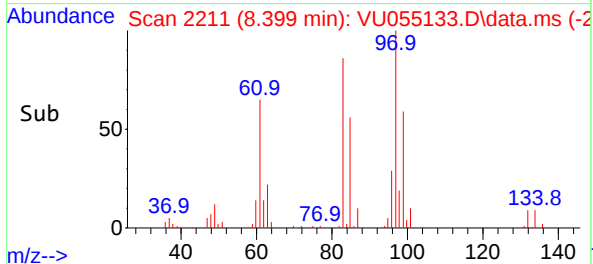
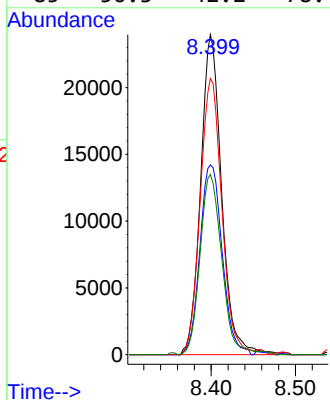
#45
1,1,2-Trichloroethane
Concen: 5.471 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 41575

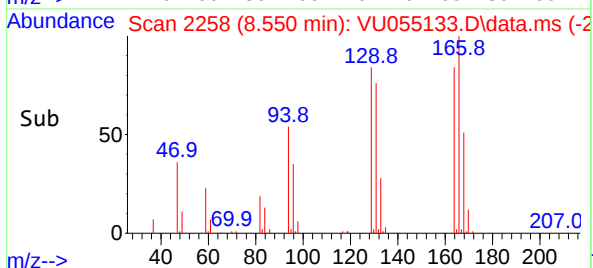
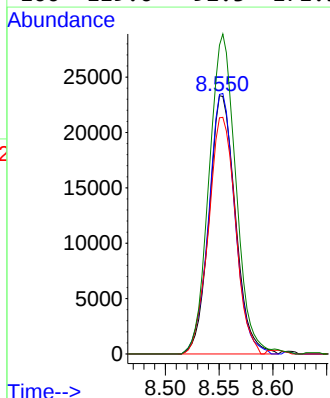
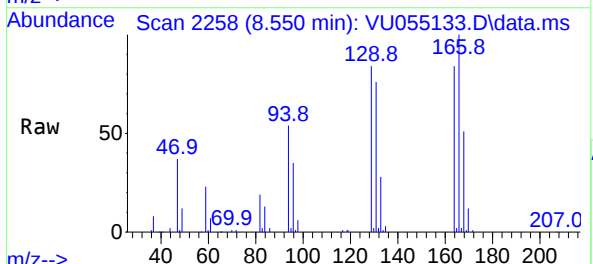
Ion	Ratio	Lower	Upper
97	100		
99	59.3	44.9	83.5
83	86.3	66.9	124.3
85	56.3	42.2	78.4

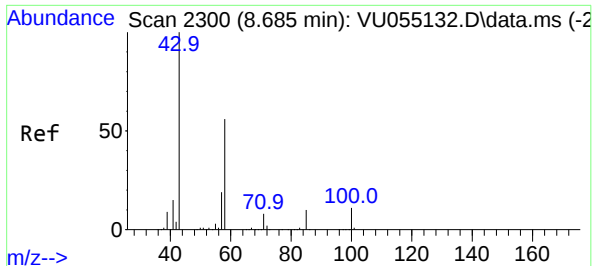


#47
Tetrachloroethene
Concen: 4.988 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.003 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Tgt Ion: 164 Resp: 39707

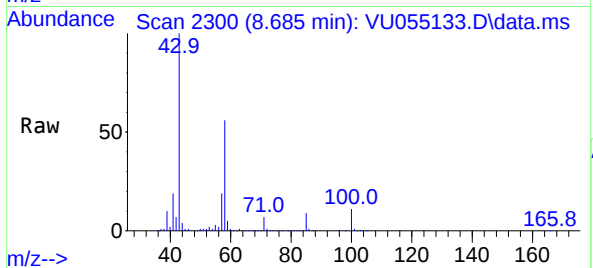
Ion	Ratio	Lower	Upper
164	100		
129	100.5	69.2	128.6
131	91.5	68.8	127.8
166	119.6	92.3	171.5



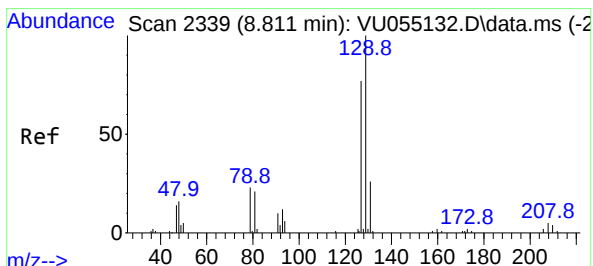
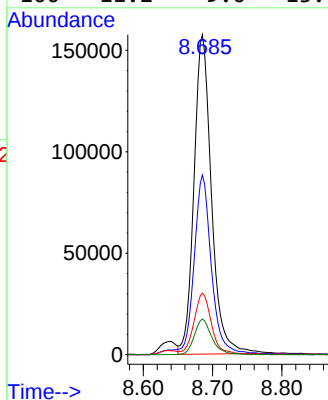
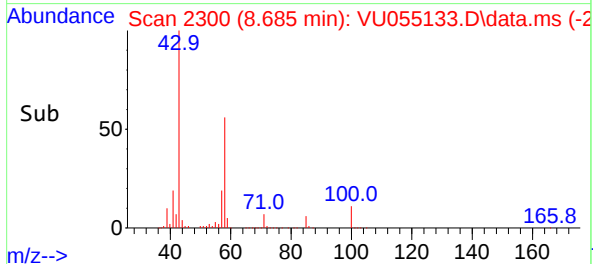


#48
2-Hexanone
Concen: 55.008 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Instrument :
MSVOA_U
ClientSampleId :

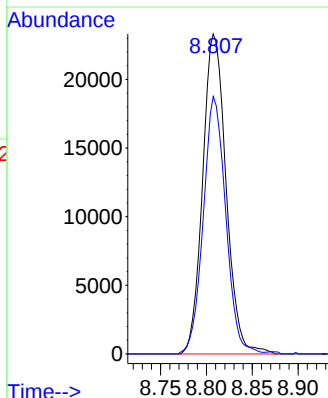
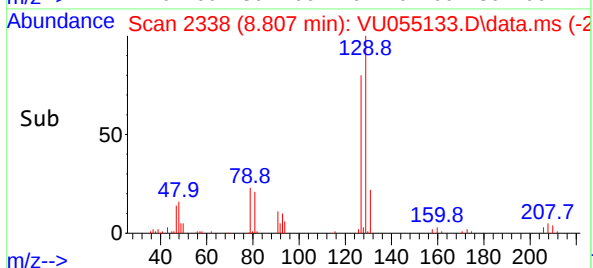
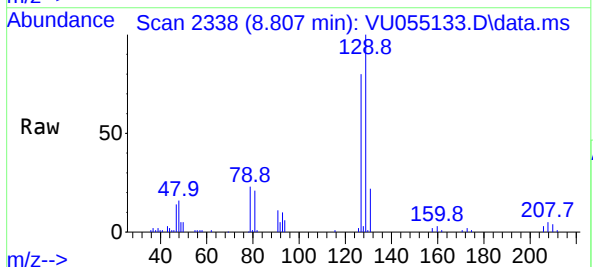


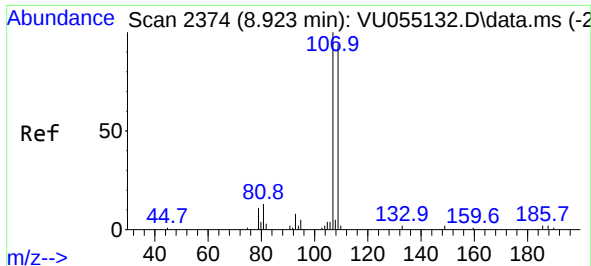
Tgt Ion: 43 Resp: 277323
Ion Ratio Lower Upper
43 100
58 56.7 44.0 66.0
57 19.4 16.2 24.2
100 11.2 9.0 13.4



#49
Dibromochloromethane
Concen: 4.991 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

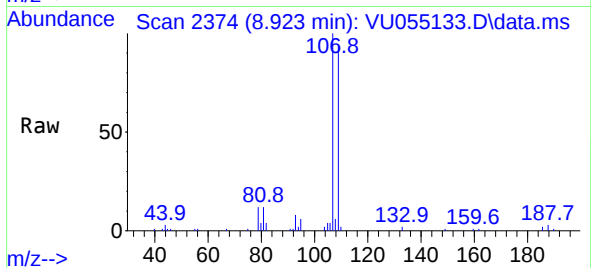
Tgt Ion: 129 Resp: 41403
Ion Ratio Lower Upper
129 100
127 80.5 55.9 103.7



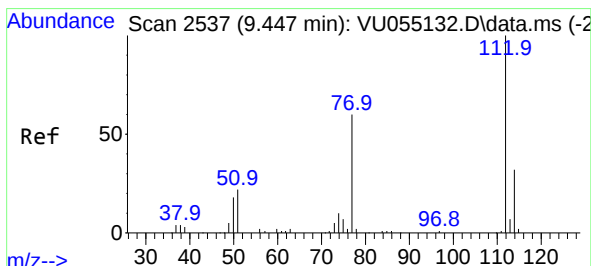
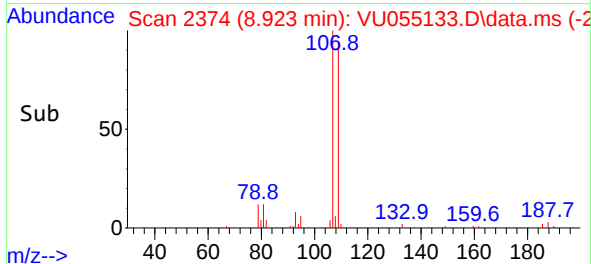
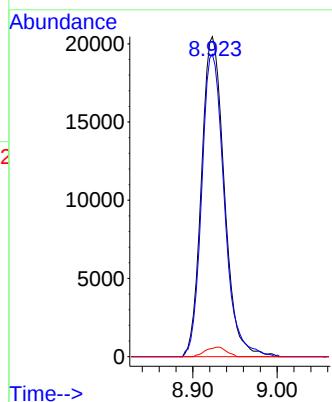


#50
1,2-Dibromoethane
Concen: 5.567 ug/L
RT: 8.923 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Instrument :
MSVOA_U
ClientSampleId :

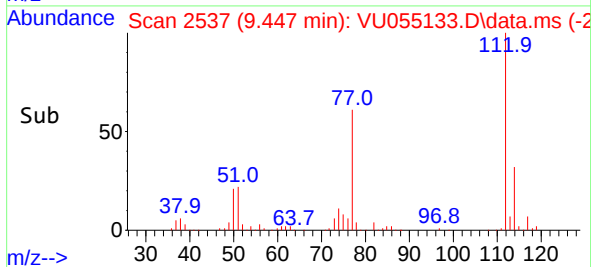
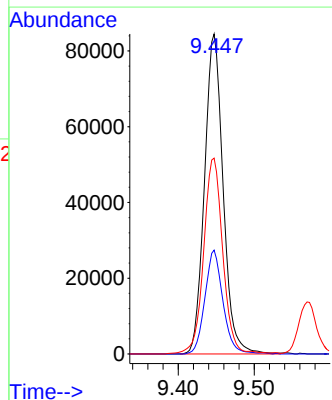
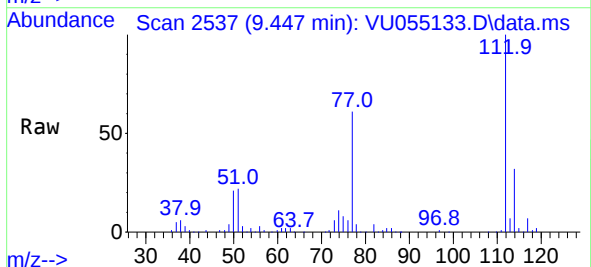


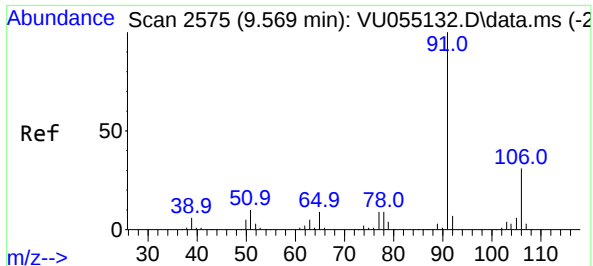
Tgt Ion:107 Resp: 38528
Ion Ratio Lower Upper
107 100
109 94.5 71.4 132.6
188 2.6 3.1 4.7#



#51
Chlorobenzene
Concen: 4.916 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Tgt Ion:112 Resp: 143843
Ion Ratio Lower Upper
112 100
114 32.4 21.7 40.3
77 61.2 48.6 72.8





#52

Ethylbenzene

Concen: 4.933 ug/L

RT: 9.569 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU055133.D

Acq: 06 Sep 2023 10:02

Instrument :

MSVOA_U

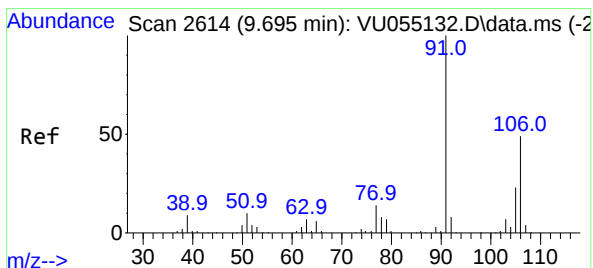
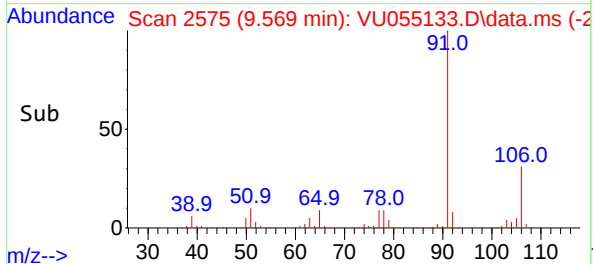
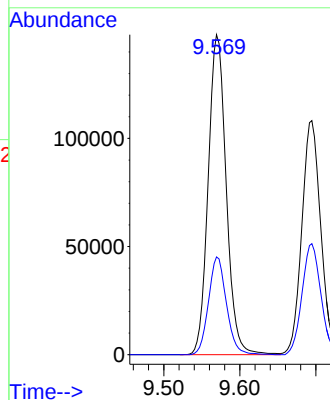
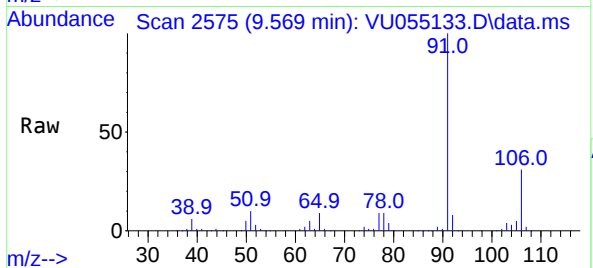
ClientSampleId :

Tgt Ion: 91 Resp: 243826

Ion Ratio Lower Upper

91 100

106 30.6 21.5 39.9



#53

m,p-Xylene

Concen: 4.888 ug/L

RT: 9.695 min Scan# 2614

Delta R.T. 0.000 min

Lab File: VU055133.D

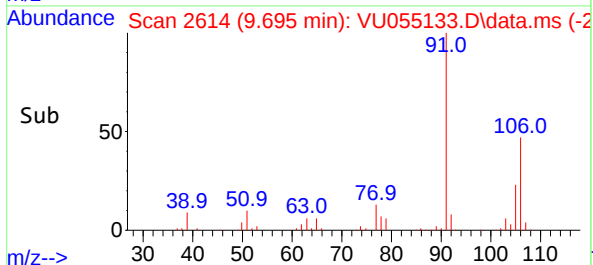
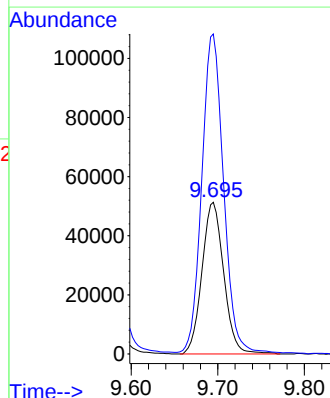
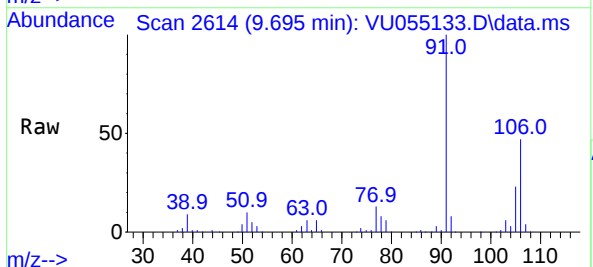
Acq: 06 Sep 2023 10:02

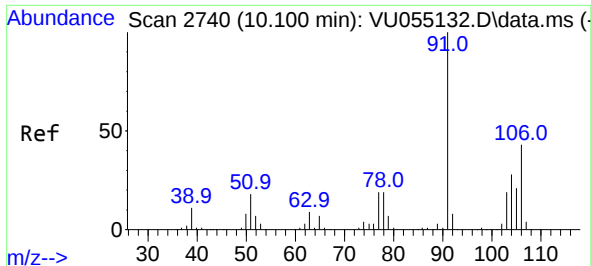
Tgt Ion:106 Resp: 89400

Ion Ratio Lower Upper

106 100

91 210.9 148.3 275.5

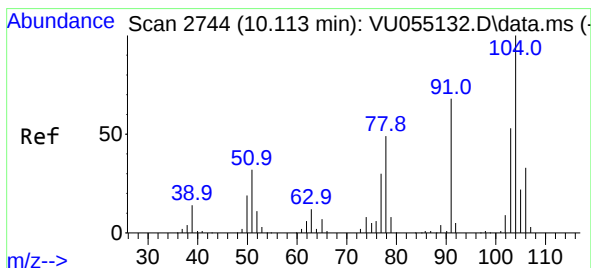
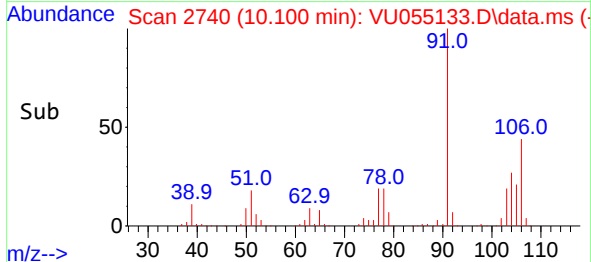
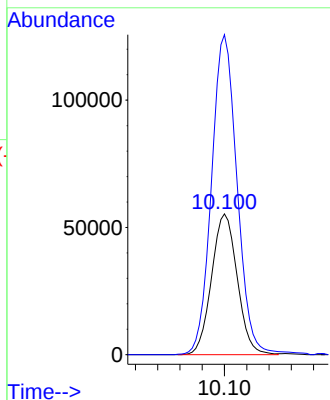
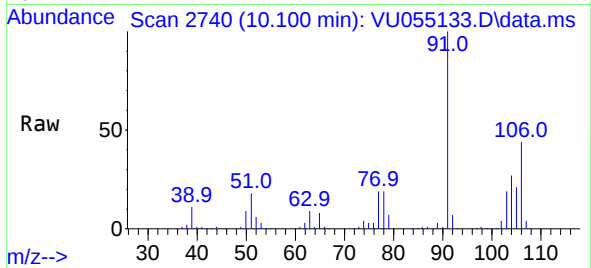




#54
o-Xylene
Concen: 4.918 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

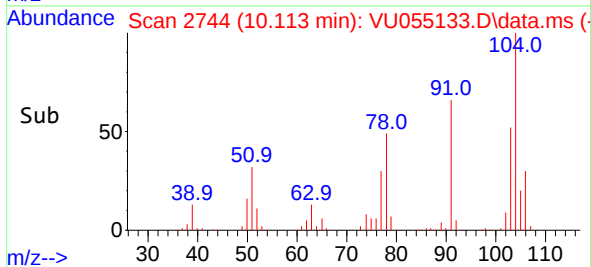
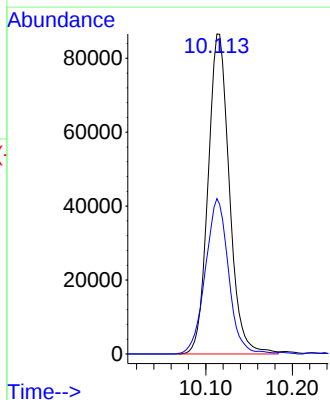
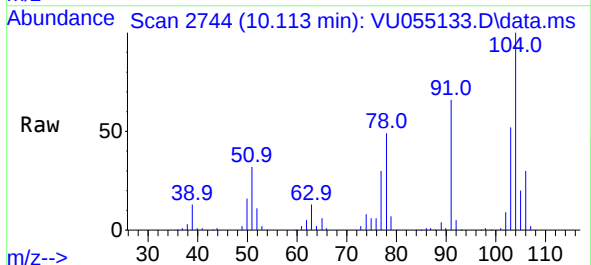
Instrument :
MSVOA_U
ClientSampleId :

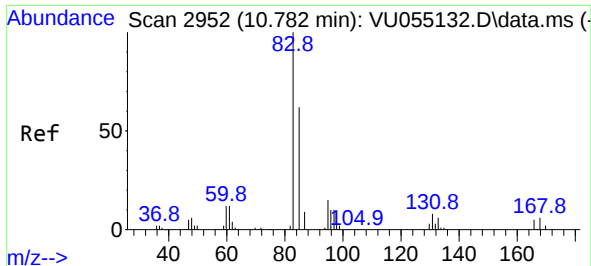
Tgt Ion:106 Resp: 88512
Ion Ratio Lower Upper
106 100
91 227.3 152.9 284.1



#55
Styrene
Concen: 4.981 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Tgt Ion:104 Resp: 148053
Ion Ratio Lower Upper
104 100
78 48.6 32.8 61.0

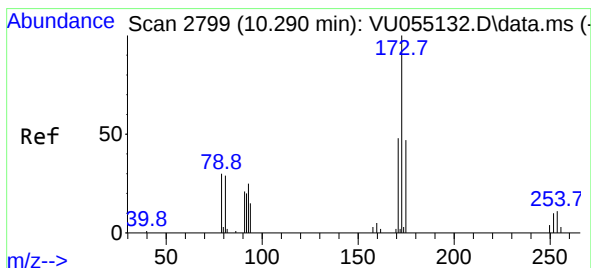
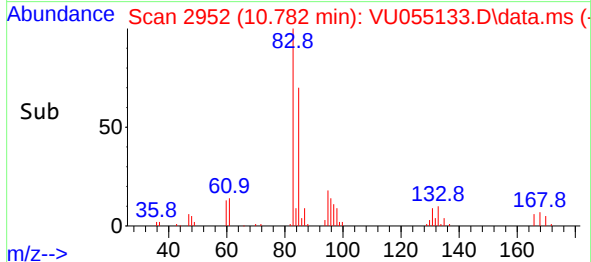
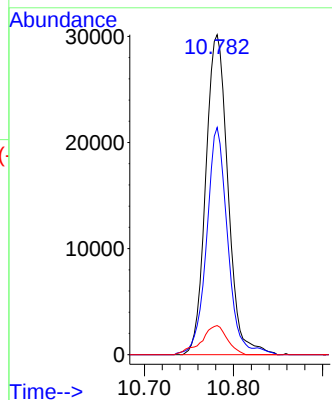
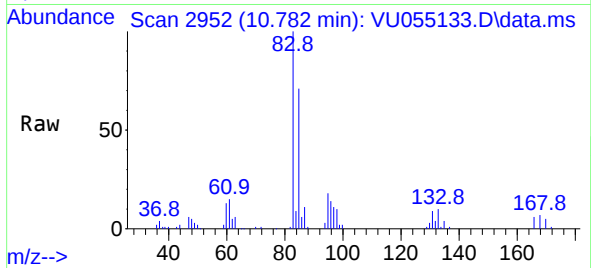




#57
1,1,2,2-Tetrachloroethane
Concen: 5.521 ug/L
RT: 10.782 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

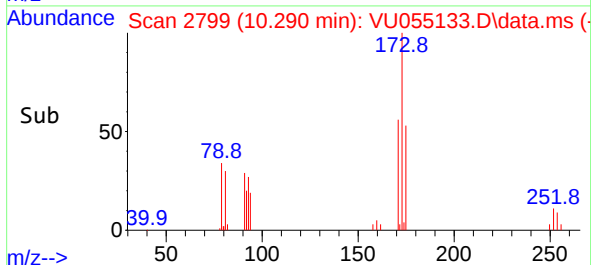
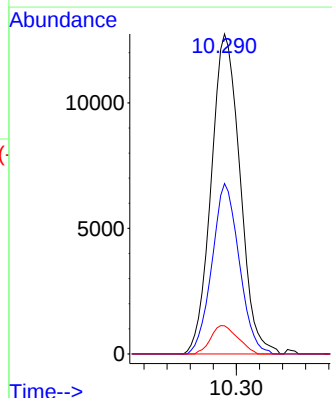
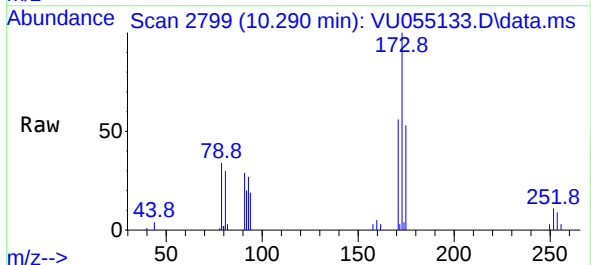
Instrument :
MSVOA_U
ClientSampleId :

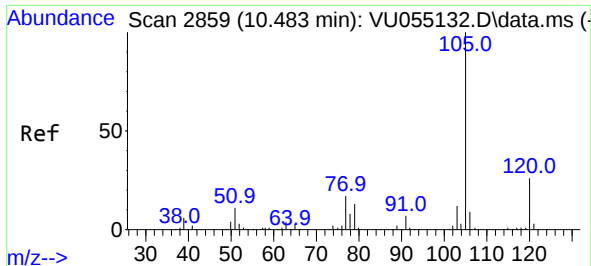
Tgt Ion: 83 Resp: 52269
Ion Ratio Lower Upper
83 100
85 71.0 42.4 78.6
131 9.1 7.6 11.4



#59
Bromoform
Concen: 5.194 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

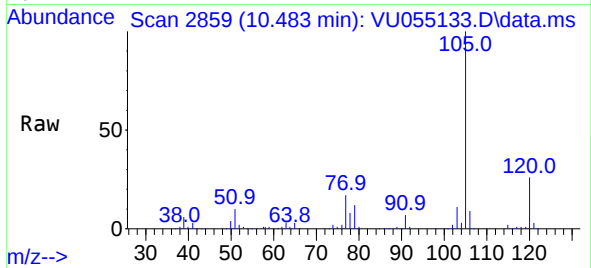
Tgt Ion:173 Resp: 22046
Ion Ratio Lower Upper
173 100
175 50.4 40.9 61.3
254 8.3 7.0 10.4



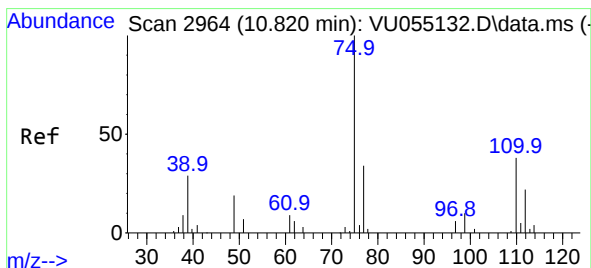
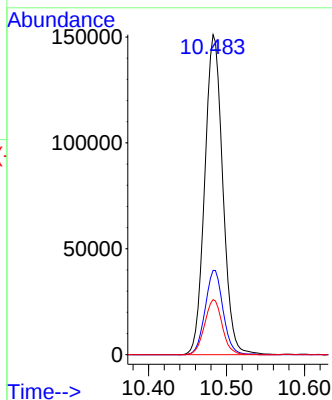
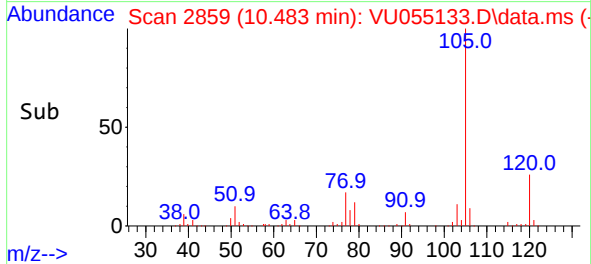


#60
Isopropylbenzene
Concen: 4.905 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

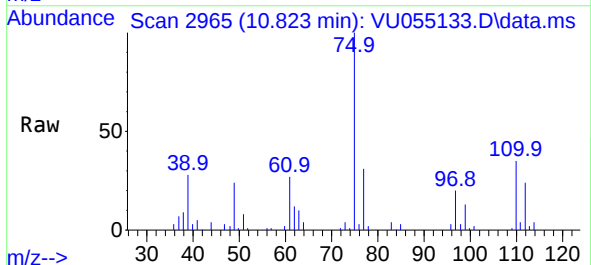
Instrument :
MSVOA_U
ClientSampleId :



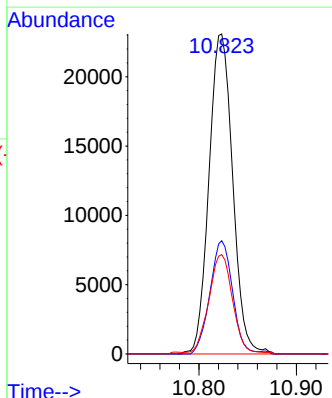
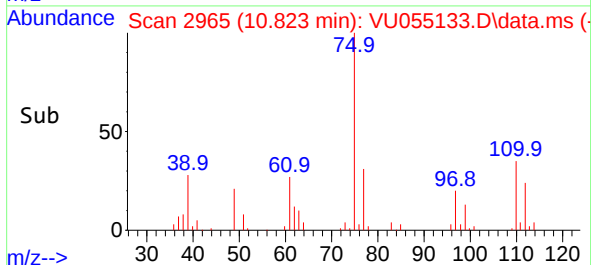
Tgt Ion:105 Resp: 242945
Ion Ratio Lower Upper
105 100
120 26.2 20.1 30.1
77 16.9 13.4 20.0

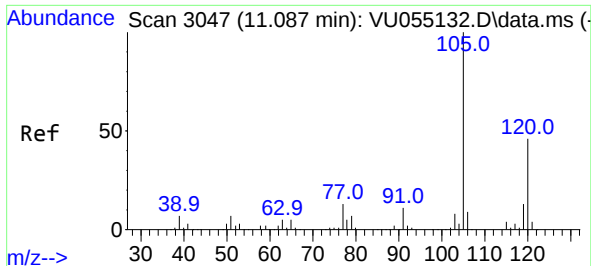


#61
1,2,3-Trichloropropane
Concen: 5.530 ug/L
RT: 10.823 min Scan# 2965
Delta R.T. 0.003 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02



Tgt Ion: 75 Resp: 38985
Ion Ratio Lower Upper
75 100
110 33.7 28.2 42.2
77 31.4 26.2 39.4

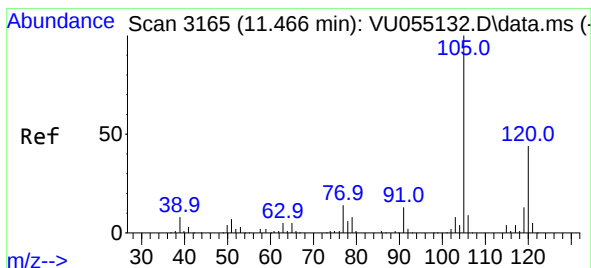
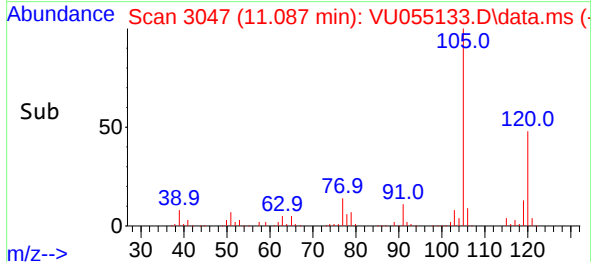
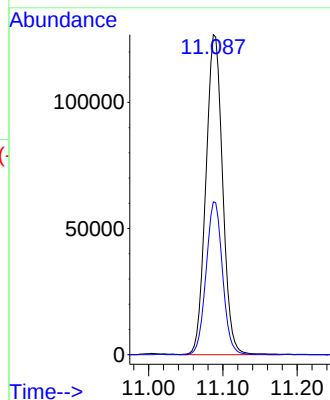
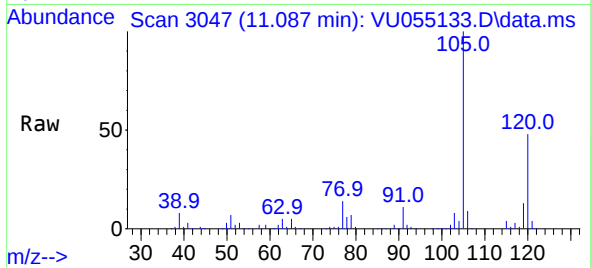




#62
1,3,5-Trimethylbenzene
Concen: 4.819 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

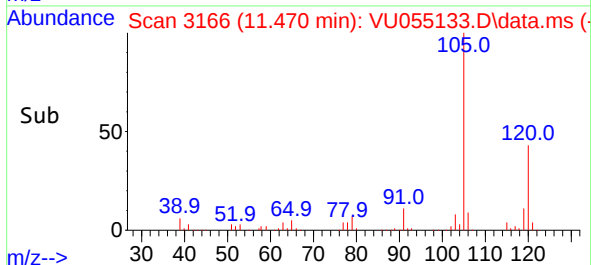
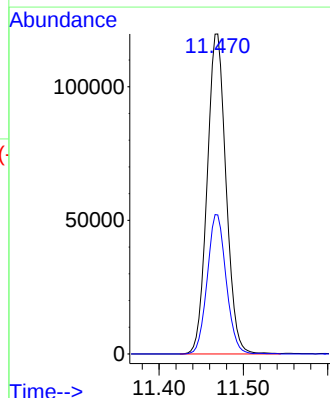
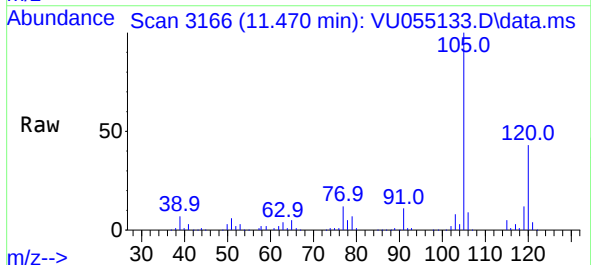
Instrument :
MSVOA_U
ClientSampleId :

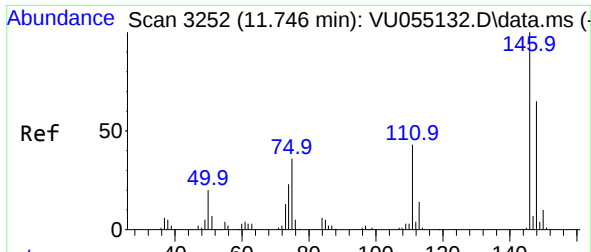
Tgt Ion:105 Resp: 198570
Ion Ratio Lower Upper
105 100
120 46.8 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 4.604 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Tgt Ion:105 Resp: 186999
Ion Ratio Lower Upper
105 100
120 43.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 4.782 ug/L

RT: 11.746 min Scan# 31

Delta R.T. 0.000 min

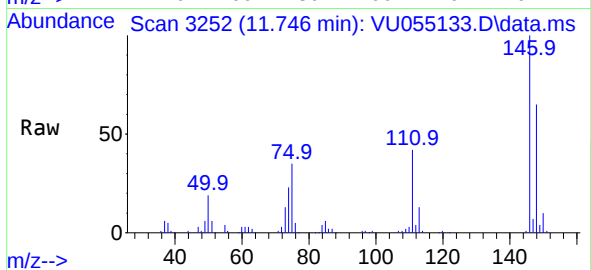
Lab File: VU055133.D

Acq: 06 Sep 2023 10:02

Instrument :

MSVOA_U

ClientSampleId :



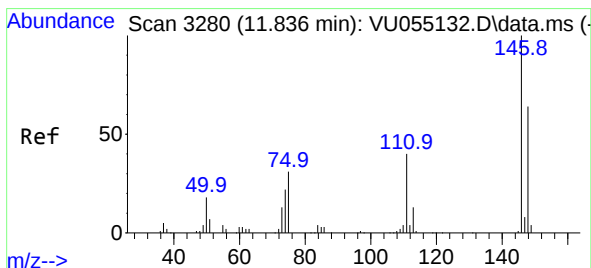
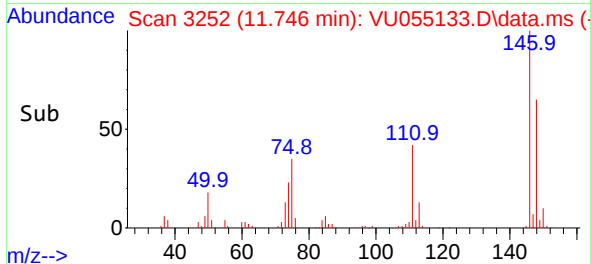
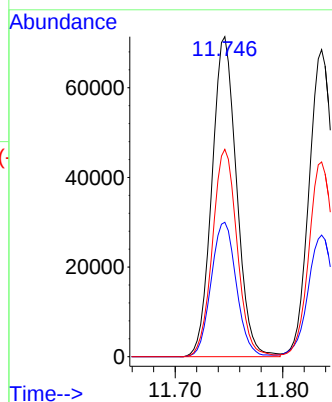
Tgt Ion:146 Resp: 113716

Ion	Ratio	Lower	Upper
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146	100		
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111	42.0	30.0	55.6
-----	------	------	------

148	64.8	45.2	84.0
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#65

1,4-Dichlorobenzene

Concen: 4.670 ug/L

RT: 11.836 min Scan# 3280

Delta R.T. 0.000 min

Lab File: VU055133.D

Acq: 06 Sep 2023 10:02

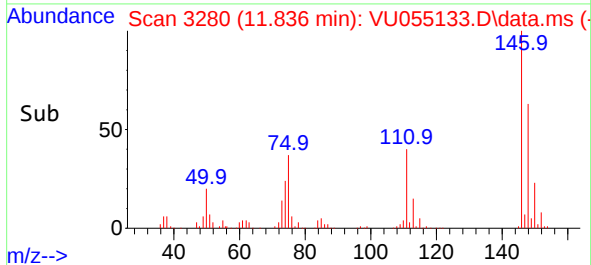
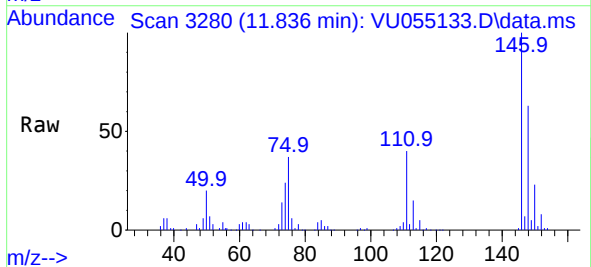
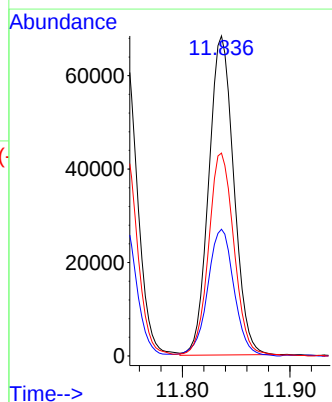
Tgt Ion:146 Resp: 110678

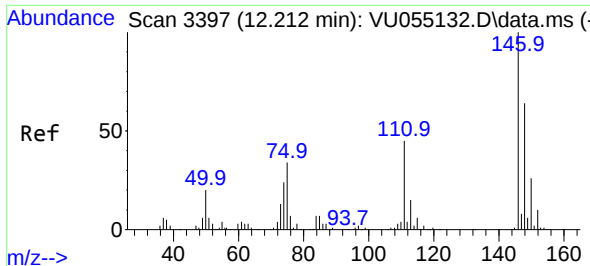
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

146	100		
-----	-----	--	--

111	39.6	28.1	52.1
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148	63.4	43.8	81.3
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#67

1,2-Dichlorobenzene

Concen: 4.813 ug/L

RT: 12.212 min Scan# 3397

Delta R.T. 0.000 min

Lab File: VU055133.D

Acq: 06 Sep 2023 10:02

Instrument :

MSVOA_U

ClientSampleId :

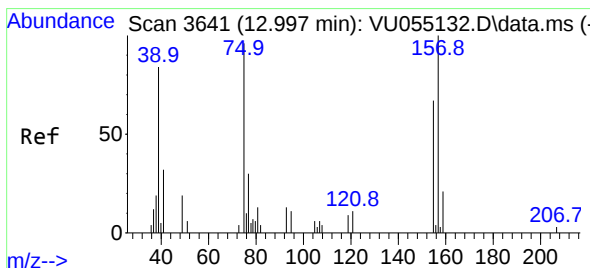
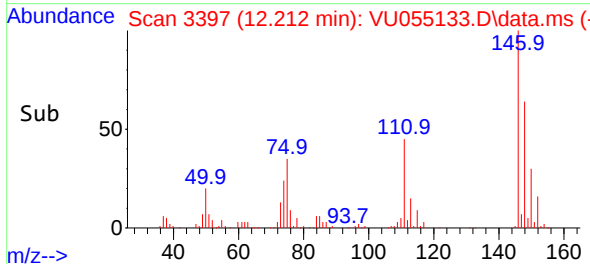
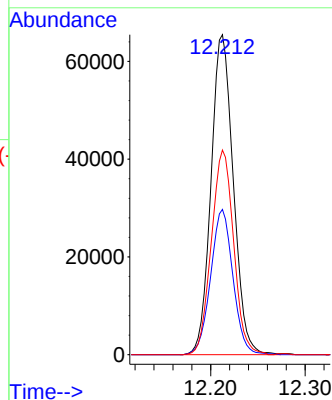
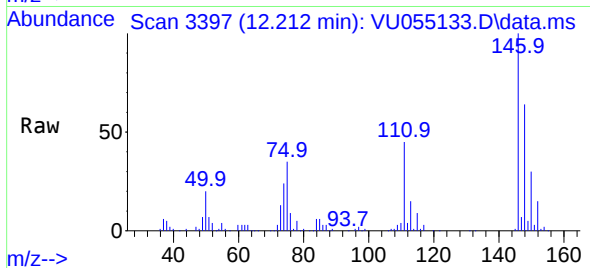
Tgt Ion:146 Resp: 107309

Ion Ratio Lower Upper

146 100

111 45.4 35.6 53.4

148 63.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.367 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.003 min

Lab File: VU055133.D

Acq: 06 Sep 2023 10:02

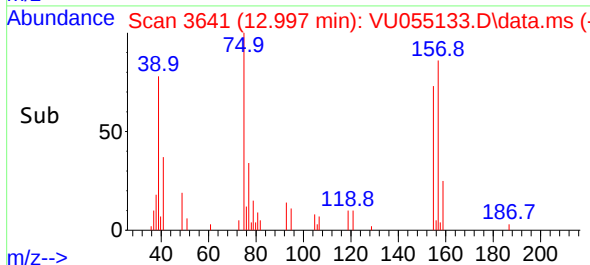
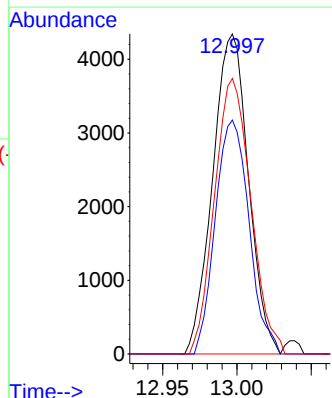
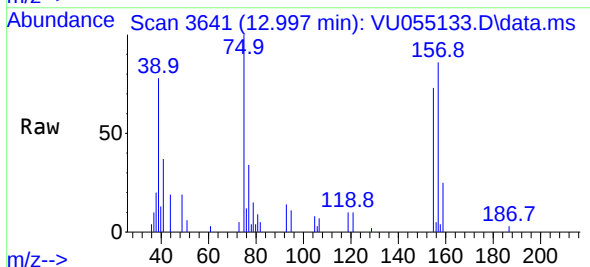
Tgt Ion: 75 Resp: 7288

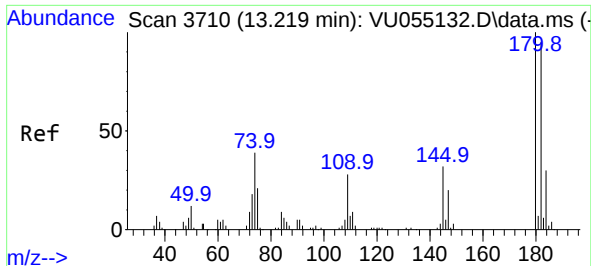
Ion Ratio Lower Upper

75 100

155 73.1 61.1 91.7

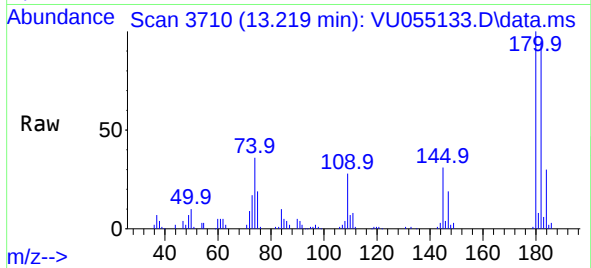
157 86.1 66.8 100.2



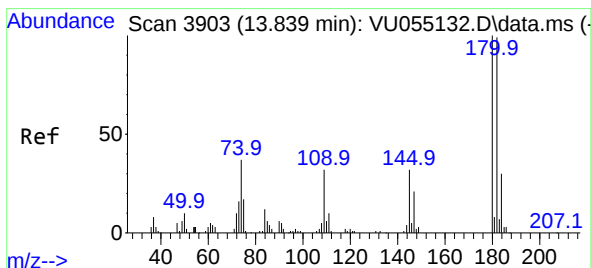
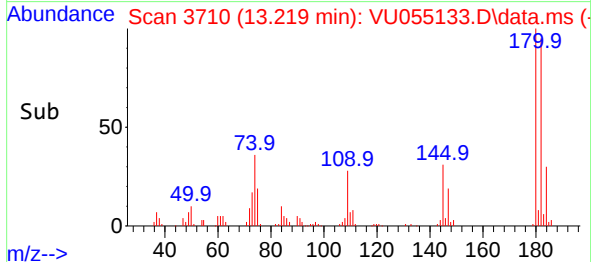
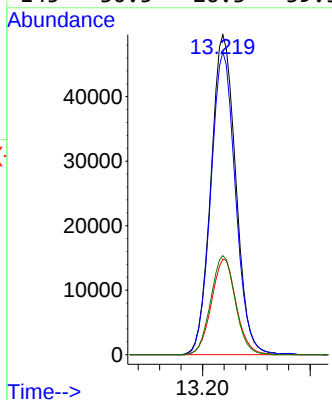


#69
1,3,5-Trichlorobenzene
Concen: 4.421 ug/L
RT: 13.219 min Scan# 3710
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Instrument :
MSVOA_U
ClientSampleId :

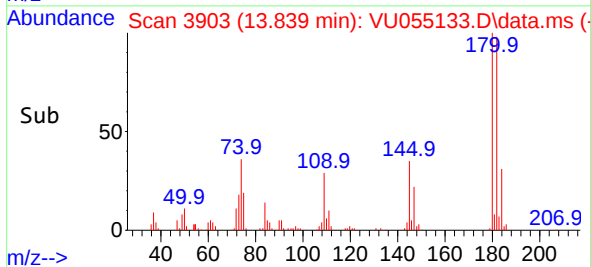
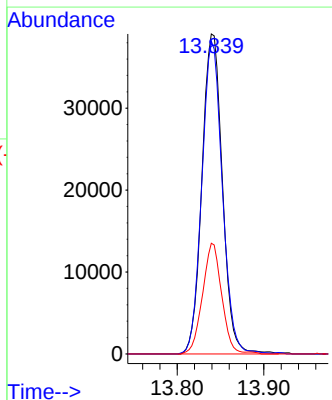
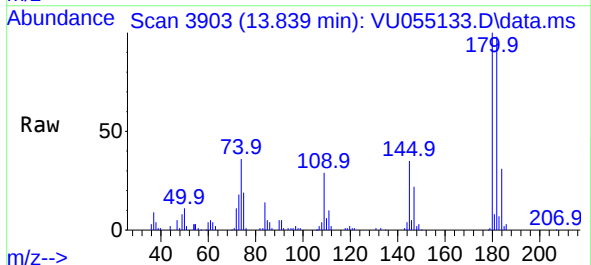


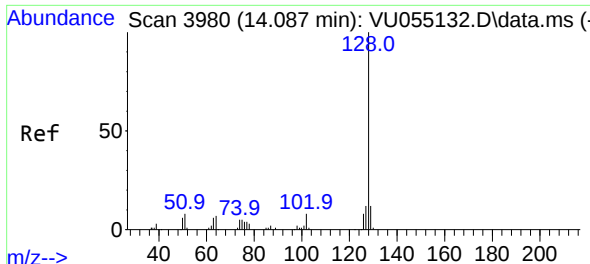
Tgt Ion:180 Resp: 79446
Ion Ratio Lower Upper
180 100
182 93.7 75.8 113.6
184 29.8 24.0 36.0
145 30.5 26.3 39.5



#70
1,2,4-trichlorobenzene
Concen: 3.792 ug/L
RT: 13.839 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Tgt Ion:180 Resp: 63899
Ion Ratio Lower Upper
180 100
182 97.9 73.6 110.4
145 32.4 25.8 38.8

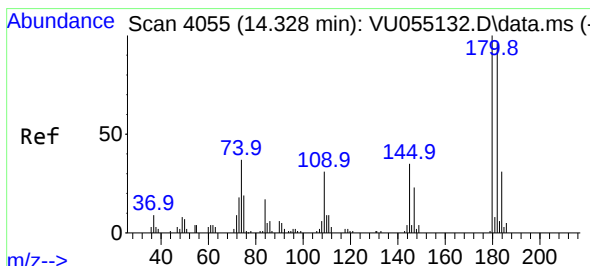
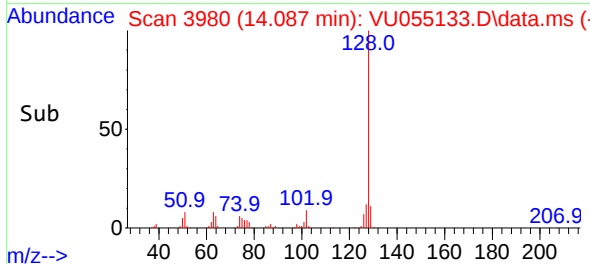
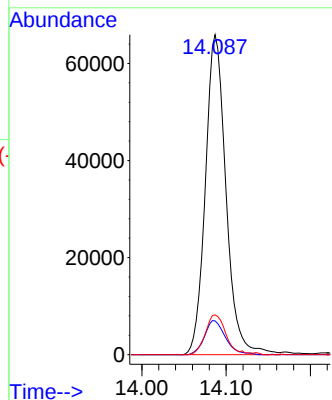
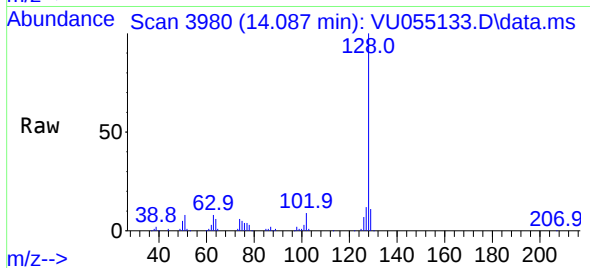




#71
Naphthalene
Concen: 3.674 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. 0.000 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 112521
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.2
127 12.6 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.199 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. -0.003 min
Lab File: VU055133.D
Acq: 06 Sep 2023 10:02

Tgt Ion:180 Resp: 61418
Ion Ratio Lower Upper
180 100
182 93.8 75.6 113.4
145 33.8 27.0 40.6

