

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055630.D
 Acq On : 03 Oct 2023 09:15
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 04:37:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 03 06:03:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	251848	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	251819	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	124448	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	75727	2.975	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	1.914	69	71985	3.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.200%#
11) 1,1-Dichloroethene-d2	2.567	65	29561	2.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.400%#
20) 2-Butanone-d5	4.634	46	181079	39.386	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.780%
24) Chloroform-d	5.062	84	157765	3.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.600%#
26) 1,2-Dichloroethane-d4	5.702	65	76180	3.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.800%#
32) Benzene-d6	5.724	84	285909	3.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.000%#
36) 1,2-Dichloropropane-d6	6.689	67	92147	3.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.000%
41) Toluene-d8	7.894	98	252964	3.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.000%#
43) trans-1,3-Dichloroprop...	8.181	79	32988	3.572	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.400%
46) 2-Hexanone-d5	8.634	63	108312	38.556	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.120%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	73958	3.750	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	87727	3.493	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	81338	3.317	ug/L	100
3) Chloromethane	1.518	50	80700	3.741	ug/L	99
5) Vinyl chloride	1.602	62	92172	3.961	ug/L	99
6) Bromomethane	1.856	94	52179	3.530	ug/L	100
8) Chloroethane	1.933	64	59733	3.934	ug/L	97
9) Trichlorofluoromethane	2.139	101	130675	4.049	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	71809	3.657	ug/L	95
12) 1,1-Dichloroethene	2.579	96	62503	3.550	ug/L	91
13) Acetone	2.644	43	100458	38.331	ug/L	95
14) Carbon disulfide	2.792	76	194500	3.675	ug/L	100
15) Methyl Acetate	2.956	43	21709	3.633	ug/L	98
16) Methylene chloride	3.042	84	74315	3.523	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	137694	3.605	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	64967	3.661	ug/L	97
19) 1,1-Dichloroethane	3.862	63	127717	3.891	ug/L	98
21) 2-Butanone	4.714	43	145824	37.937	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	72451	3.521	ug/L	100
23) Bromochloromethane	4.972	128	32342	3.719	ug/L	91
25) Chloroform	5.084	83	137515	3.957	ug/L	99

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 04:37:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 03 06:03:59 2023
 Response via : Initial Calibration

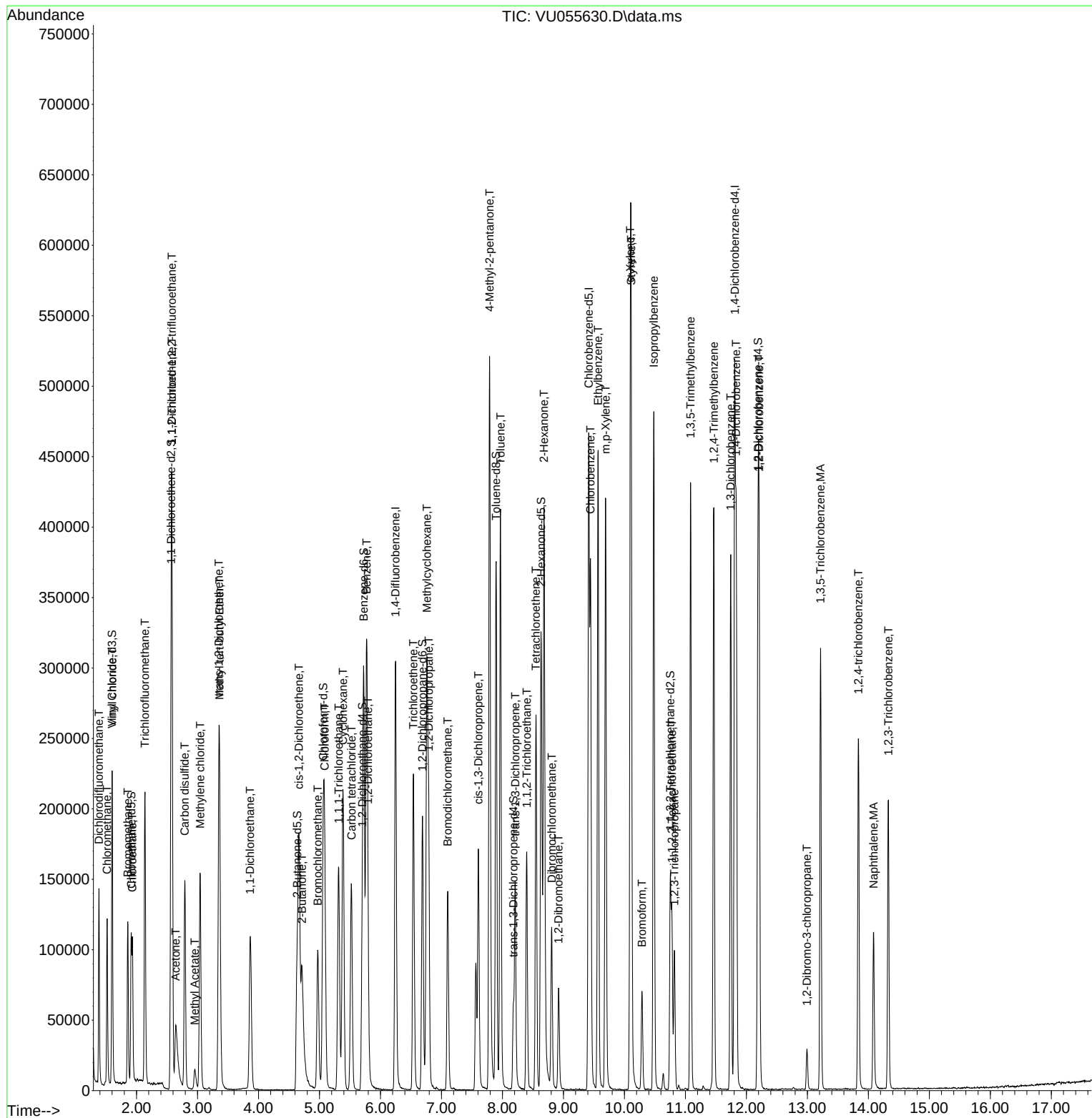
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	81303	3.815	ug/L	99
29) 1,1,1-Trichloroethane	5.316	97	116999	4.076	ug/L	98
30) Cyclohexane	5.386	56	99351	3.781	ug/L	98
31) Carbon tetrachloride	5.525	117	99448	4.042	ug/L	96
33) Benzene	5.772	78	289415	3.993	ug/L	100
34) Trichloroethene	6.541	95	78176	3.813	ug/L	93
35) Methylcyclohexane	6.763	83	107942	3.655	ug/L	95
37) 1,2-Dichloropropane	6.791	63	76453	4.033	ug/L	100
38) Bromodichloromethane	7.103	83	93896	4.227	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	103572	4.094	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	344540	40.070	ug/L	98
42) Toluene	7.968	91	304806	3.943	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	82987	4.100	ug/L	100
45) 1,1,2-Trichloroethane	8.399	97	52977	3.986	ug/L	98
47) Tetrachloroethene	8.550	164	56836	3.865	ug/L	99
48) 2-Hexanone	8.682	43	270528	40.596	ug/L	94
49) Dibromochloromethane	8.807	129	57577	4.133	ug/L	92
50) 1,2-Dibromoethane	8.920	107	48139	3.903	ug/L	97
51) Chlorobenzene	9.444	112	192070	3.879	ug/L	99
52) Ethylbenzene	9.569	91	317656	3.833	ug/L	98
53) m,p-Xylene	9.692	106	122166	3.933	ug/L	97
54) o-Xylene	10.097	106	113378	3.755	ug/L	98
55) Styrene	10.113	104	195946	4.013	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.778	83	60881	4.058	ug/L	100
59) Bromoform	10.287	173	30843	4.624	ug/L	100
60) Isopropylbenzene	10.483	105	305101	4.254	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	42523	4.377	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	235408	4.104	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	230013	4.097	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	149731	4.360	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	151066	4.402	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	130493	4.145	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7744	4.599	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.216	180	93437	3.951	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	71817	3.983	ug/L	99
71) Naphthalene	14.087	128	90641	3.473	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	58976	3.759	ug/L	98

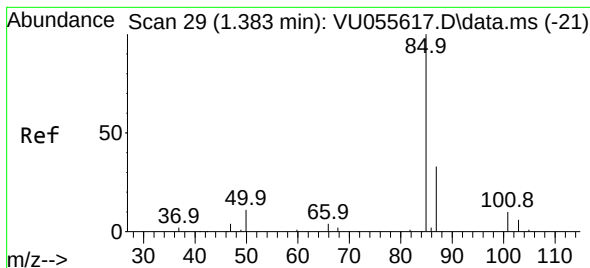
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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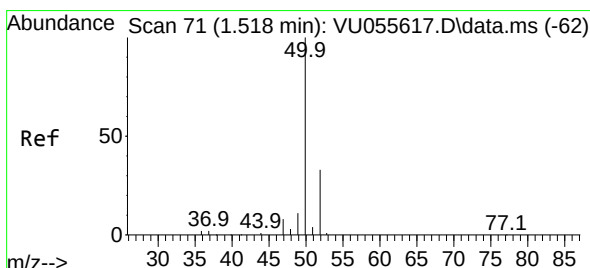
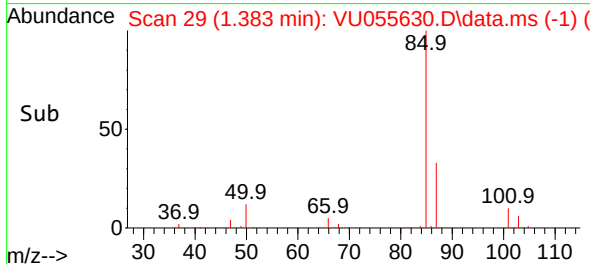
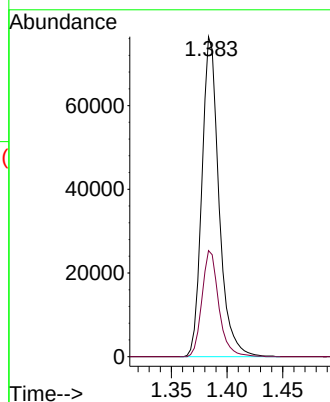
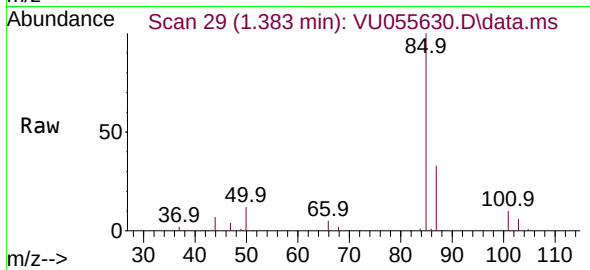




#2
Dichlorodifluoromethane
Concen: 3.317 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

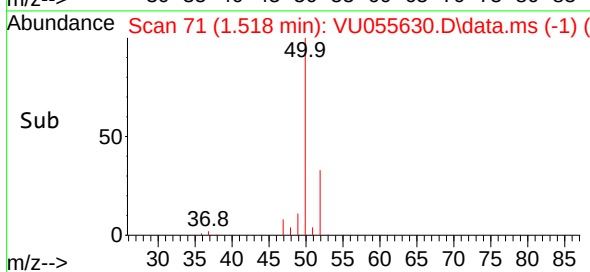
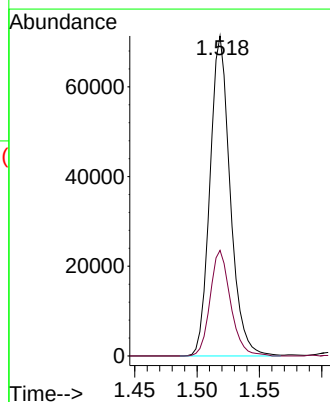
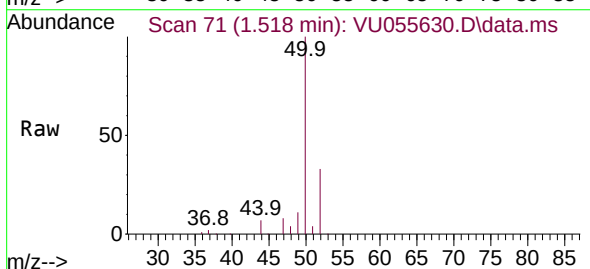
Instrument :
MSVOA_U
ClientSampleId :

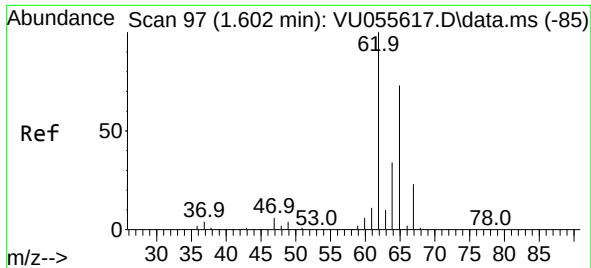
Tgt Ion: 85 Resp: 81338
Ion Ratio Lower Upper
85 100
87 32.7 26.0 39.0



#3
Chloromethane
Concen: 3.741 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

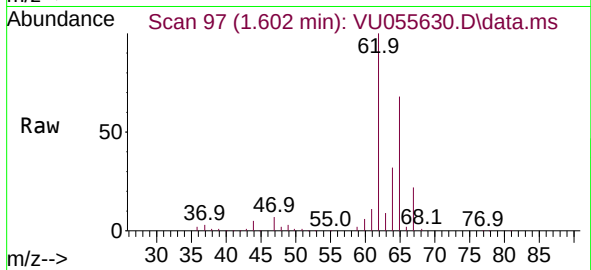
Tgt Ion: 50 Resp: 80700
Ion Ratio Lower Upper
50 100
52 33.0 22.9 42.5



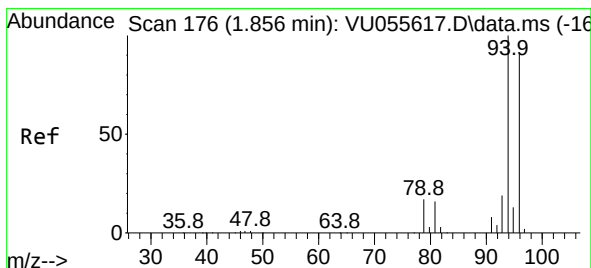
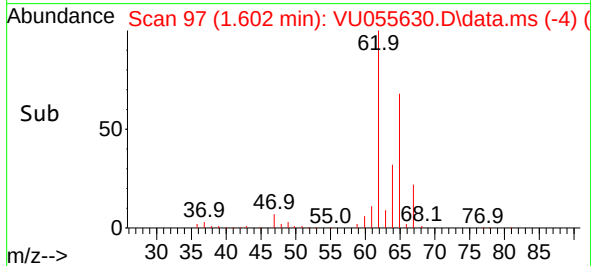
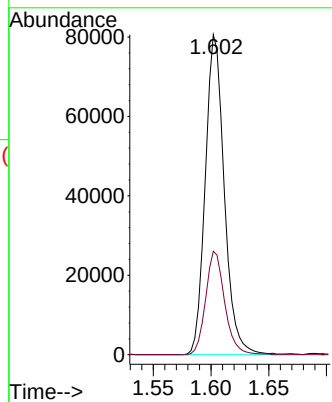


#5
 Vinyl chloride
 Concen: 3.961 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055630.D
 Acq: 03 Oct 2023 09:15

Instrument :
 MSVOA_U
 ClientSampleId :

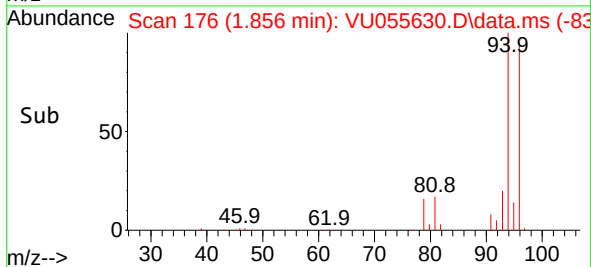
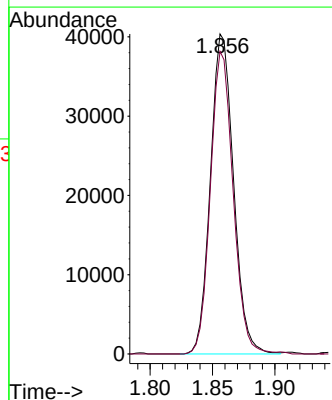
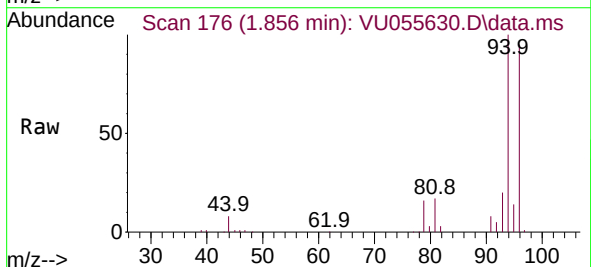


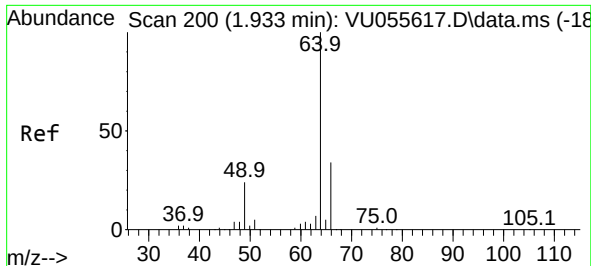
Tgt Ion: 62 Resp: 92172
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.3 41.5



#6
 Bromomethane
 Concen: 3.530 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU055630.D
 Acq: 03 Oct 2023 09:15

Tgt Ion: 94 Resp: 52179
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.4 123.2

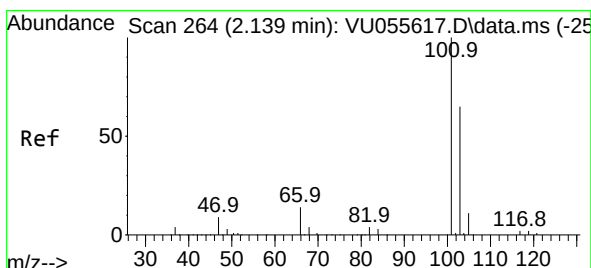
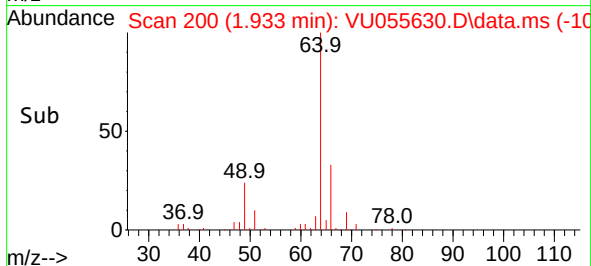
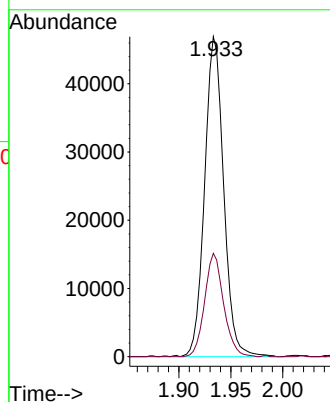
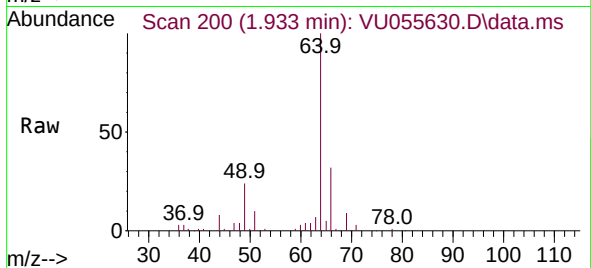




#8
Chloroethane
Concen: 3.934 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

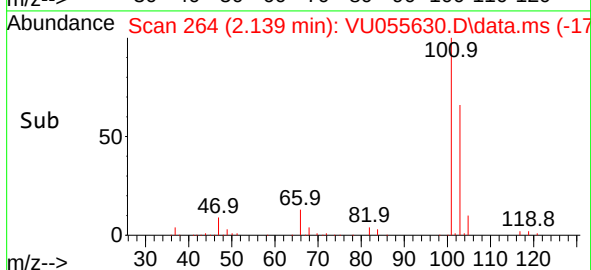
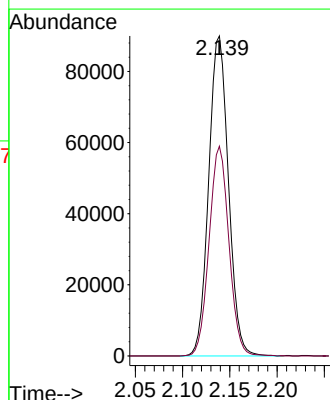
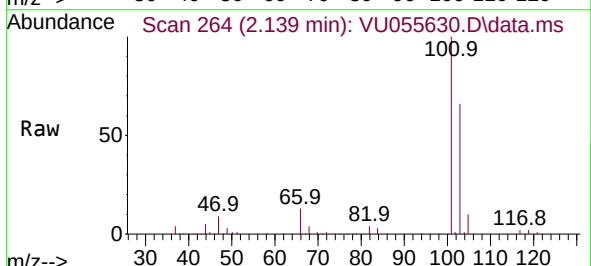
Instrument :
MSVOA_U
ClientSampleId :

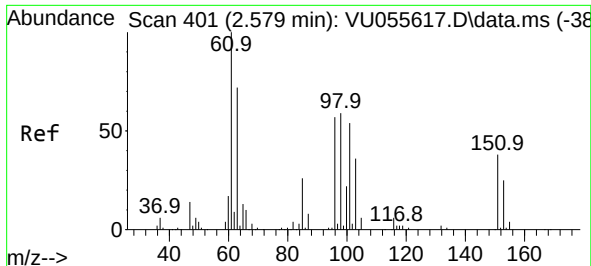
Tgt Ion: 64 Resp: 59733
Ion Ratio Lower Upper
64 100
66 32.3 23.7 44.1



#9
Trichlorofluoromethane
Concen: 4.049 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Tgt Ion:101 Resp: 130675
Ion Ratio Lower Upper
101 100
103 65.7 52.0 78.0

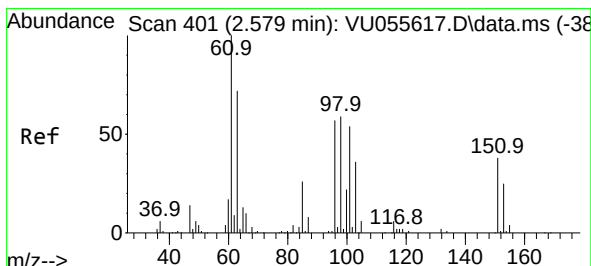
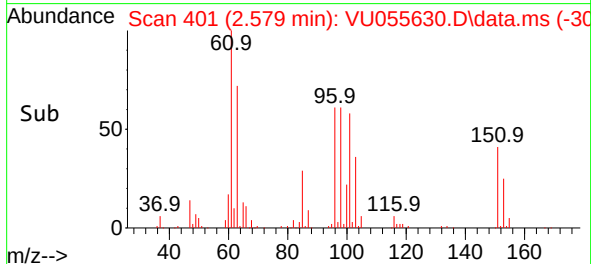
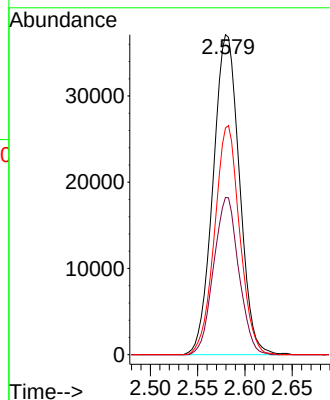
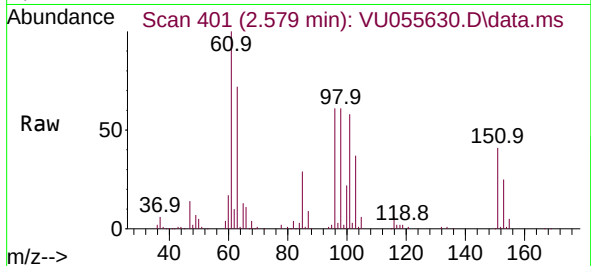




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.657 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU055630.D
 Acq: 03 Oct 2023 09:15

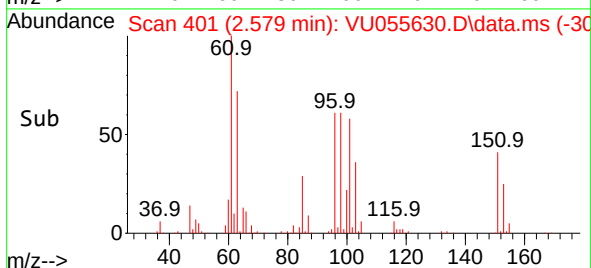
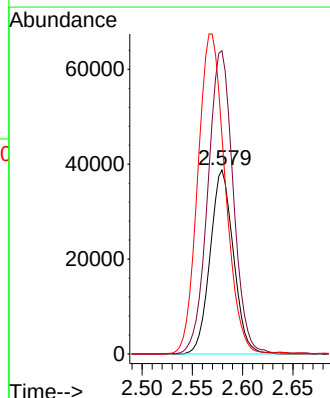
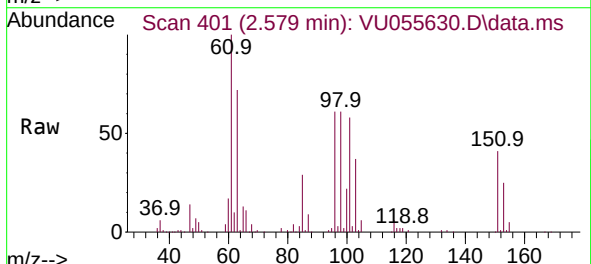
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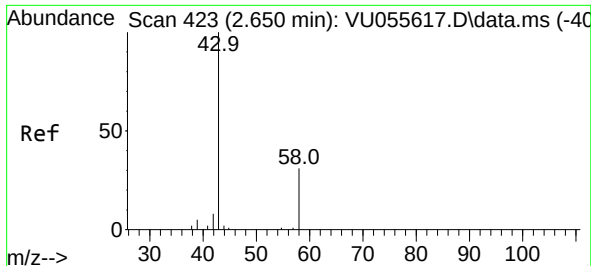
Tgt Ion:101 Resp: 71809
 Ion Ratio Lower Upper
 101 100
 85 46.9 35.8 53.6
 151 68.4 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 3.550 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU055630.D
 Acq: 03 Oct 2023 09:15

Tgt Ion: 96 Resp: 62503
 Ion Ratio Lower Upper
 96 100
 61 164.9 114.5 212.7
 63 118.5 98.3 182.5





#13

Acetone

Concen: 38.331 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU055630.D

Acq: 03 Oct 2023 09:15

Instrument :

MSVOA_U

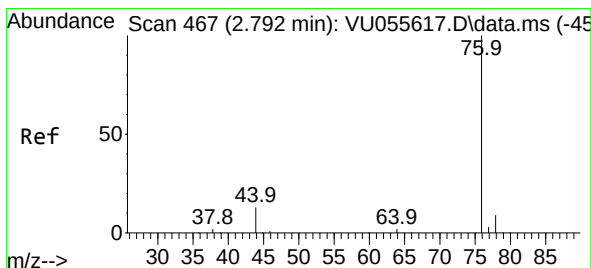
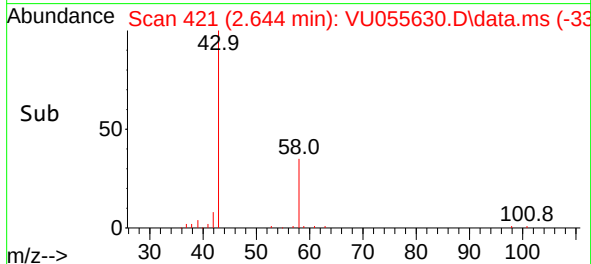
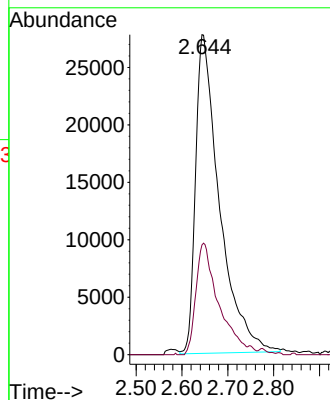
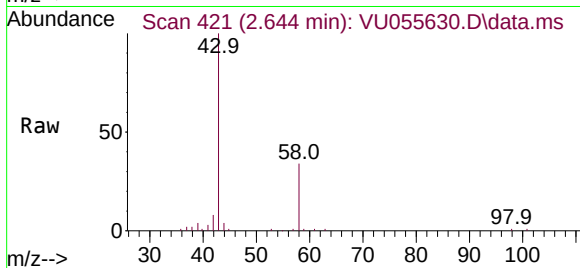
ClientSampleId :

Tgt Ion: 43 Resp: 100458

Ion Ratio Lower Upper

43 100

58 33.0 0.0 72.2



#14

Carbon disulfide

Concen: 3.675 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU055630.D

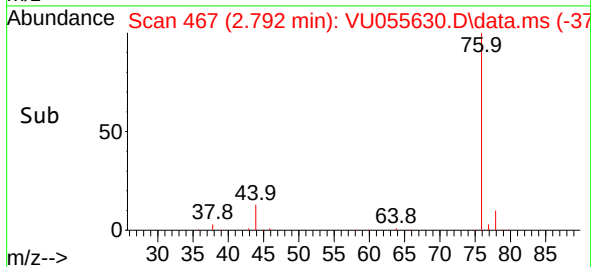
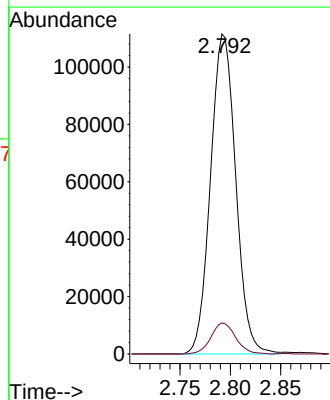
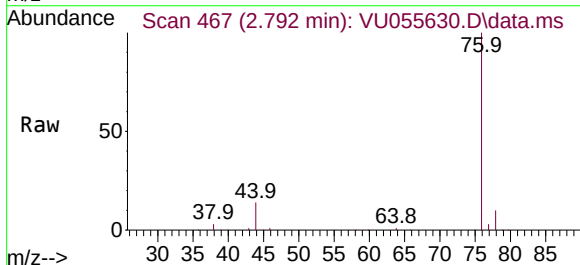
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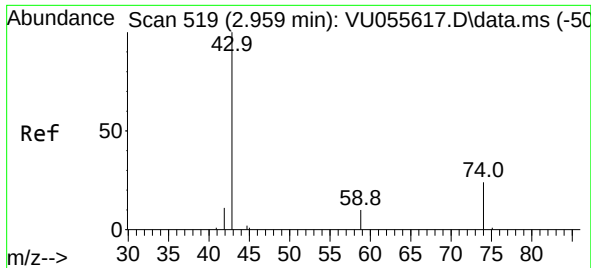
Tgt Ion: 76 Resp: 194500

Ion Ratio Lower Upper

76 100

78 9.7 7.7 11.5

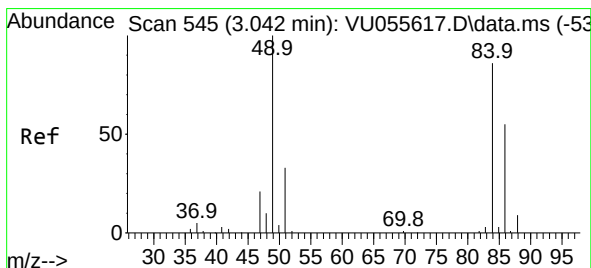
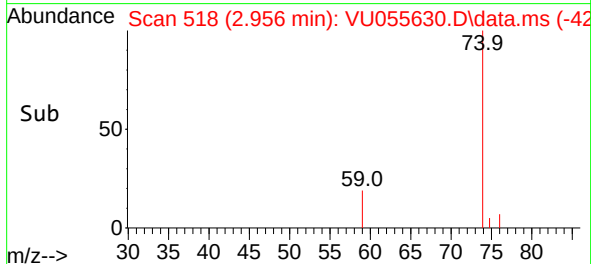
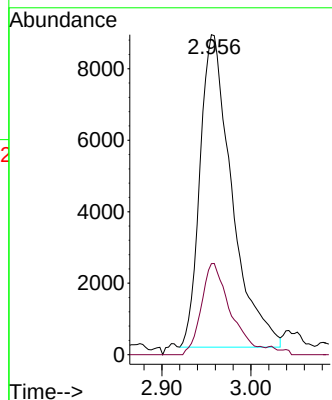
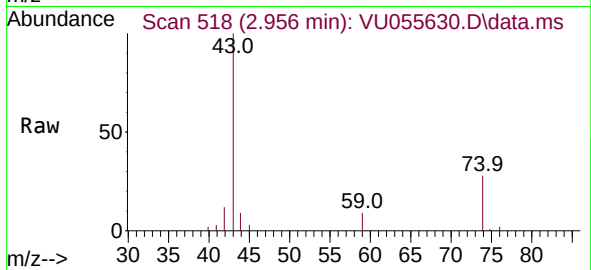




#15
Methyl Acetate
Concen: 3.633 ug/L
RT: 2.956 min Scan# 518
Delta R.T. -0.003 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

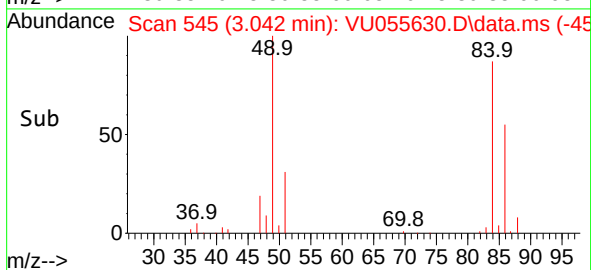
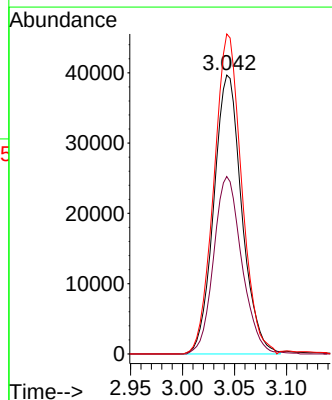
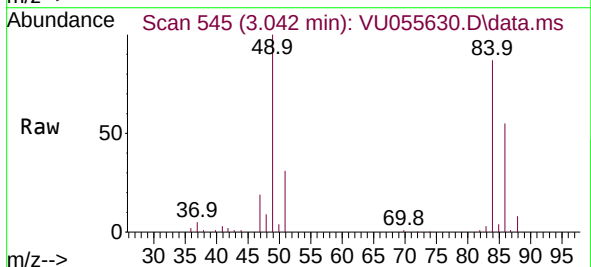
Instrument :
MSVOA_U
ClientSampleId :

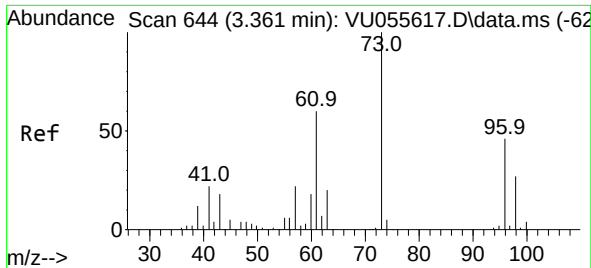
Tgt Ion: 43 Resp: 21709
Ion Ratio Lower Upper
43 100
74 26.8 22.3 33.5



#16
Methylene chloride
Concen: 3.523 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Tgt Ion: 84 Resp: 74315
Ion Ratio Lower Upper
84 100
86 63.6 44.9 83.3
49 114.8 78.8 146.3

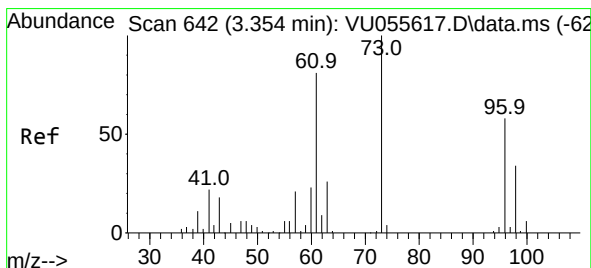
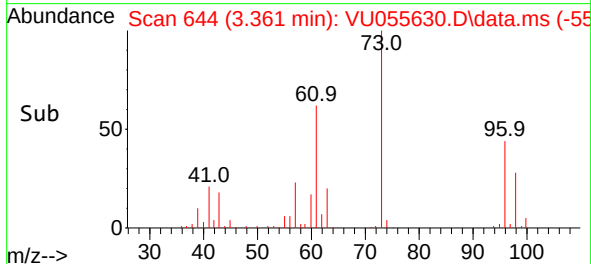
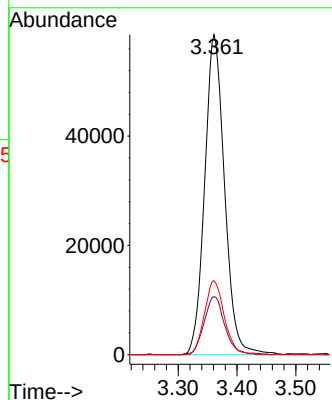
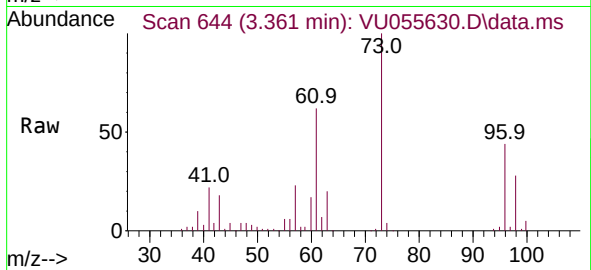




#17
Methyl tert-butyl Ether
Concen: 3.605 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

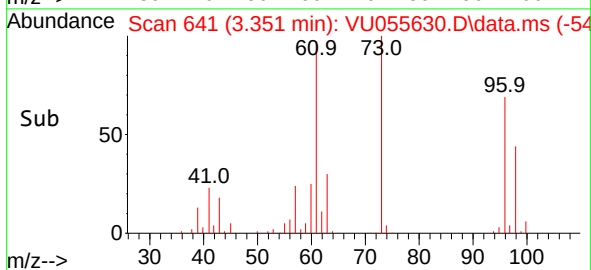
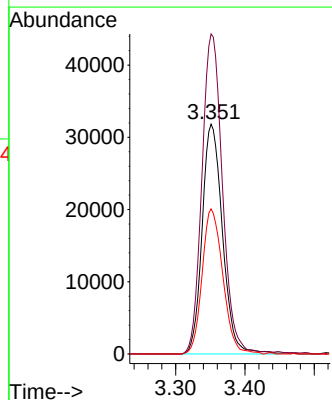
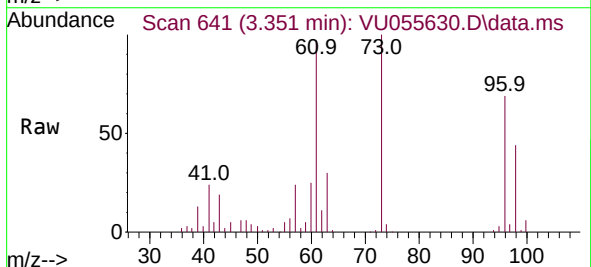
Instrument :
MSVOA_U
ClientSampleId :

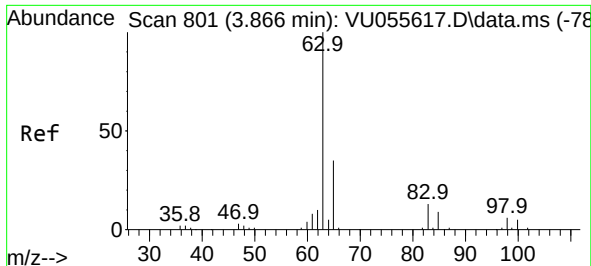
Tgt Ion: 73 Resp: 137694
Ion Ratio Lower Upper
73 100
43 18.7 14.9 22.3
57 23.0 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 3.661 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Tgt Ion: 96 Resp: 64967
Ion Ratio Lower Upper
96 100
61 139.3 94.6 175.6
98 63.2 45.7 84.9





#19

1,1-Dichloroethane

Concen: 3.891 ug/L

RT: 3.862 min Scan# 801

Delta R.T. -0.003 min

Lab File: VU055630.D

Acq: 03 Oct 2023 09:15

Instrument :

MSVOA_U

ClientSampleId :

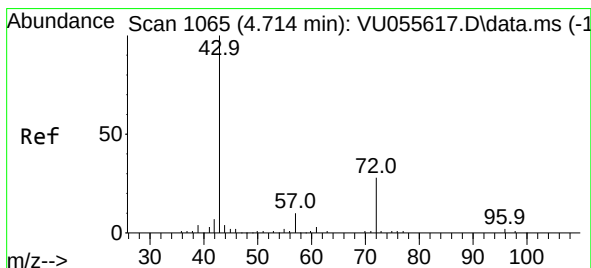
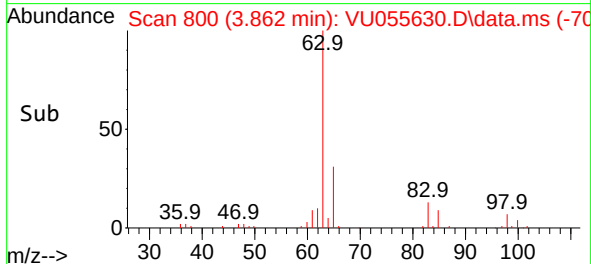
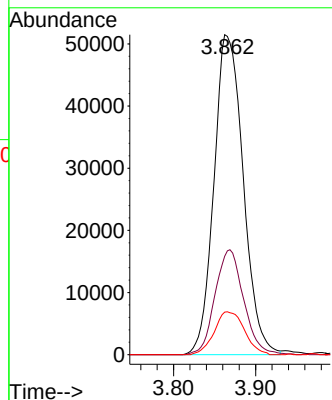
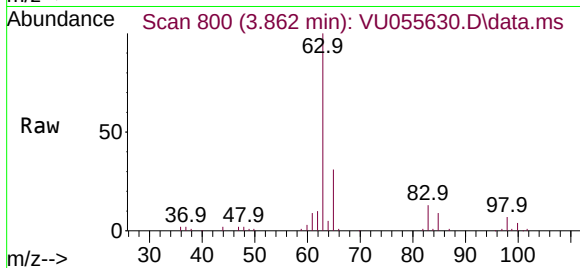
Tgt Ion: 63 Resp: 127717

Ion Ratio Lower Upper

63 100

65 30.7 22.0 41.0

83 13.3 10.1 18.9



#21

2-Butanone

Concen: 37.937 ug/L

RT: 4.714 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VU055630.D

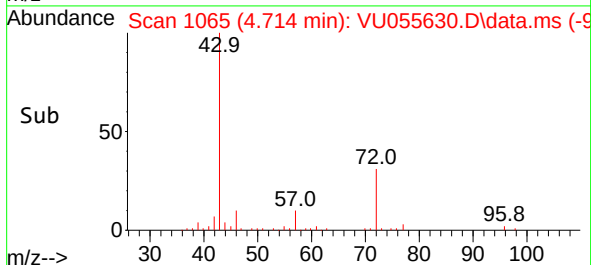
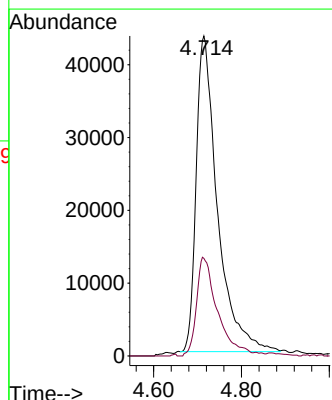
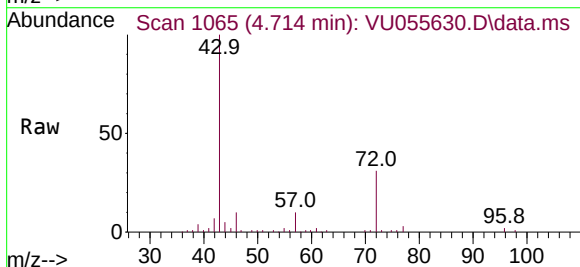
Acq: 03 Oct 2023 09:15

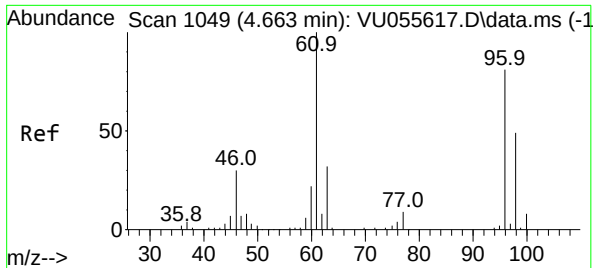
Tgt Ion: 43 Resp: 145824

Ion Ratio Lower Upper

43 100

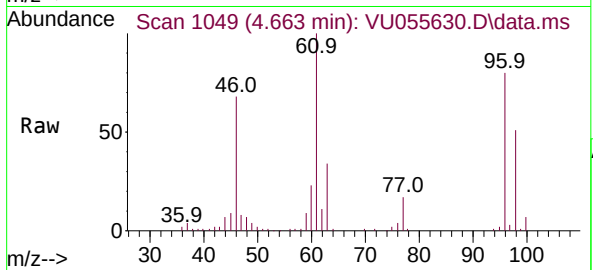
72 30.6 15.1 45.3





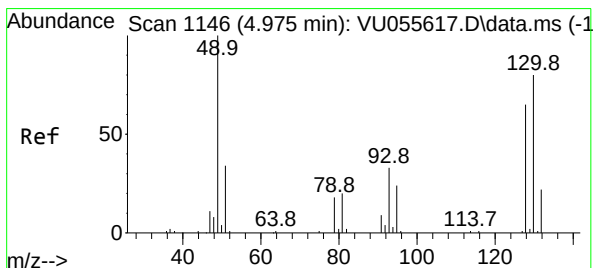
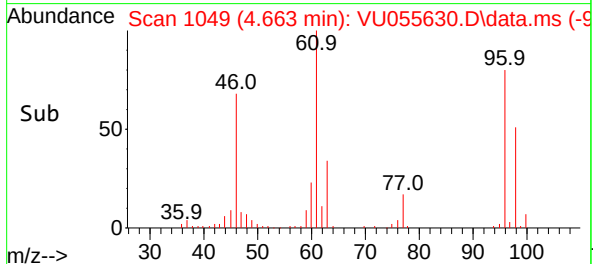
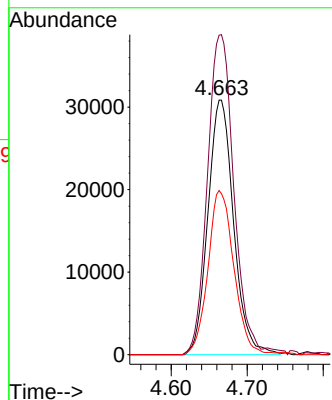
#22
 cis-1,2-Dichloroethene
 Concen: 3.521 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055630.D
 Acq: 03 Oct 2023 09:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 72451

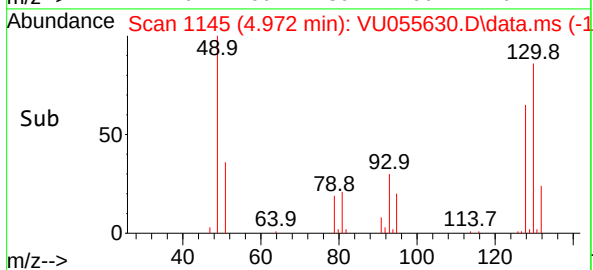
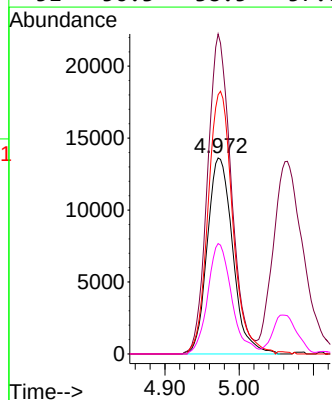
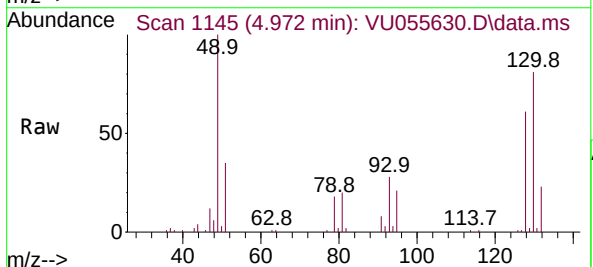
Ion	Ratio	Lower	Upper
96	100		
61	125.5	87.8	163.2
98	64.5	44.4	82.4

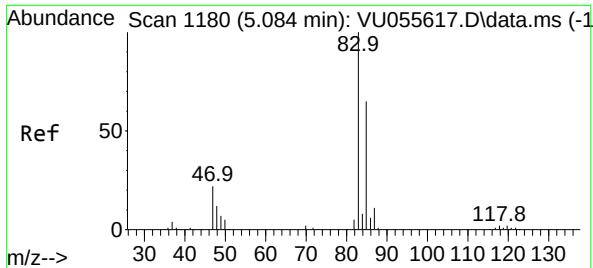


#23
 Bromochloromethane
 Concen: 3.719 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. -0.003 min
 Lab File: VU055630.D
 Acq: 03 Oct 2023 09:15

Tgt Ion: 128 Resp: 32342

Ion	Ratio	Lower	Upper
128	100		
49	163.2	102.8	191.0
130	132.2	89.9	166.9
51	56.3	38.5	57.7

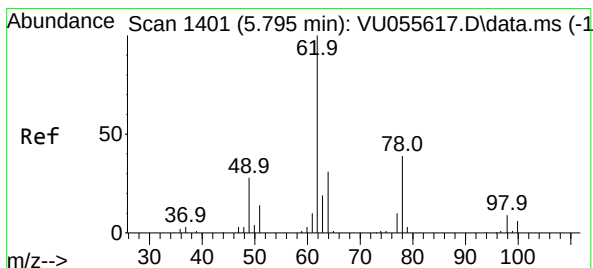
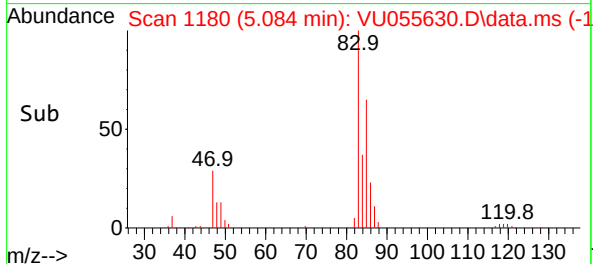
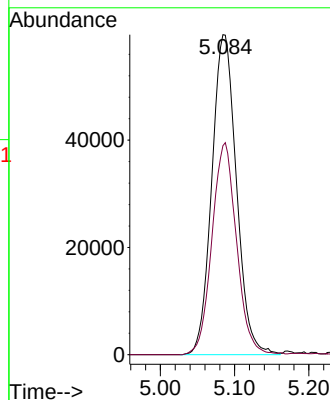
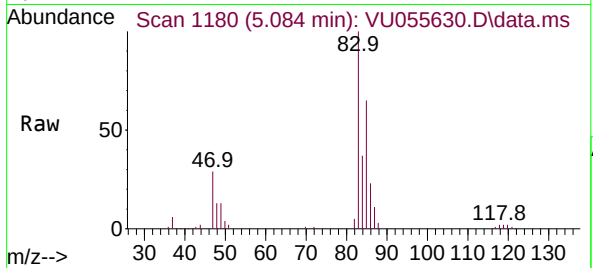




#25
Chloroform
Concen: 3.957 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

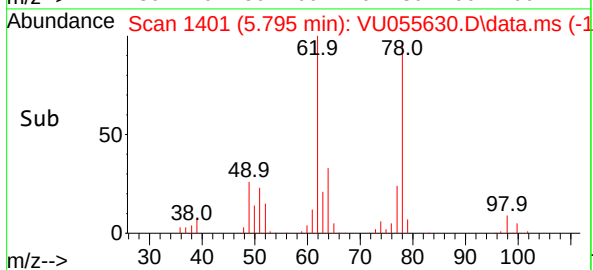
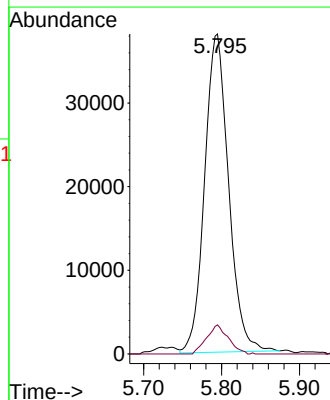
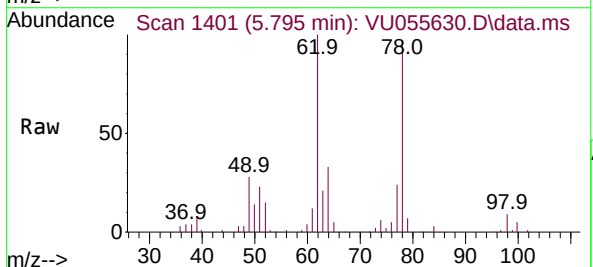
Instrument :
MSVOA_U
ClientSampleId :

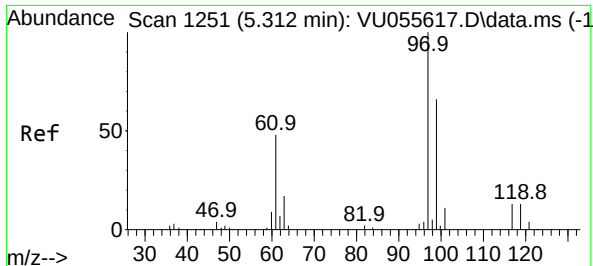
Tgt Ion: 83 Resp: 137515
Ion Ratio Lower Upper
83 100
85 65.3 44.9 83.5



#27
1,2-Dichloroethane
Concen: 3.815 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Tgt Ion: 62 Resp: 81303
Ion Ratio Lower Upper
62 100
98 9.1 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 4.076 ug/L

RT: 5.316 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055630.D

Acq: 03 Oct 2023 09:15

Instrument :

MSVOA_U

ClientSampleId :

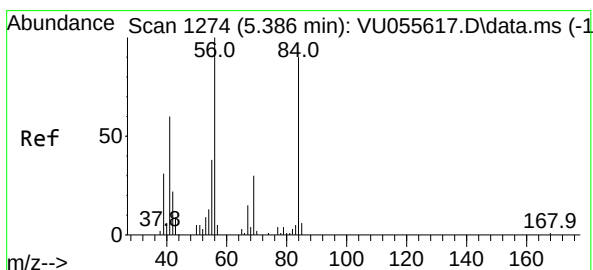
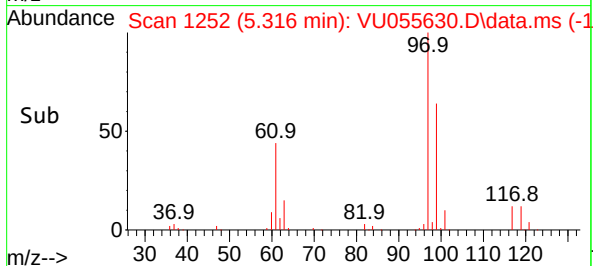
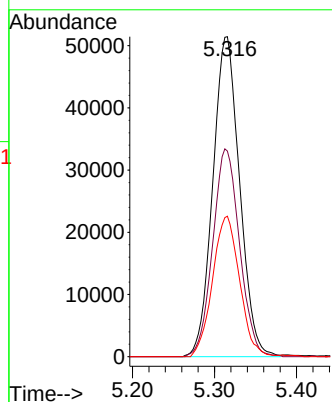
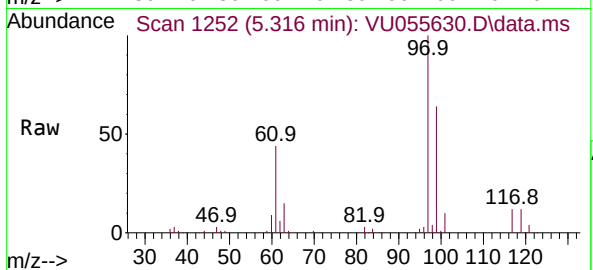
Tgt Ion: 97 Resp: 116999

Ion Ratio Lower Upper

97 100

99 65.1 50.7 76.1

61 44.2 34.6 51.8



#30

Cyclohexane

Concen: 3.781 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VU055630.D

Acq: 03 Oct 2023 09:15

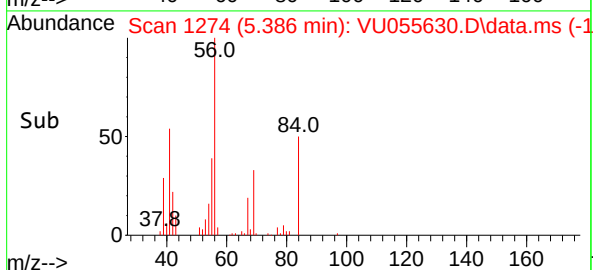
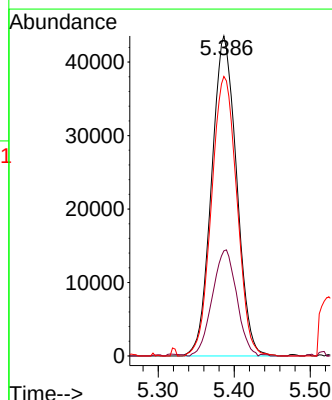
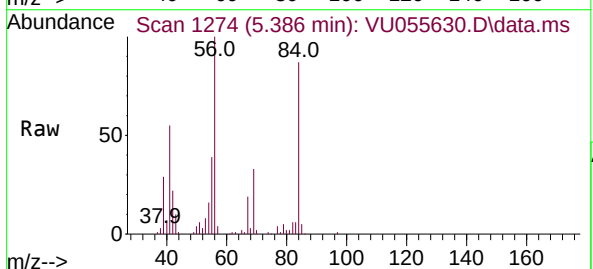
Tgt Ion: 56 Resp: 99351

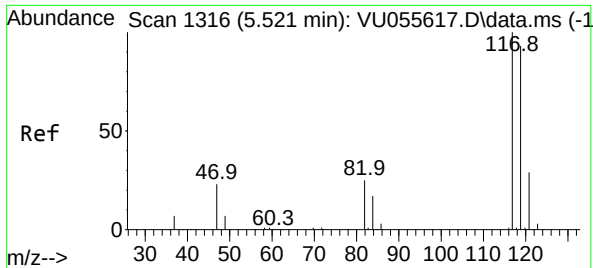
Ion Ratio Lower Upper

56 100

69 32.4 26.5 39.7

84 88.6 72.6 108.8

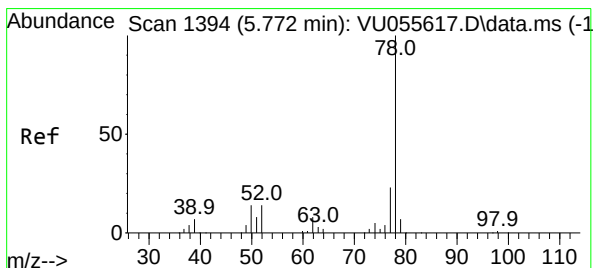
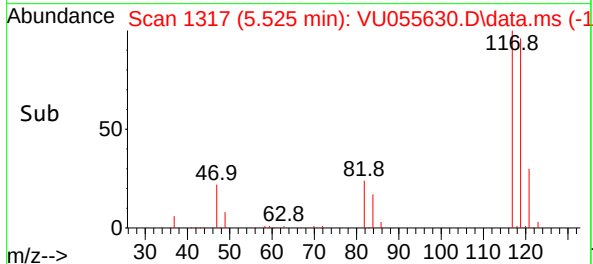
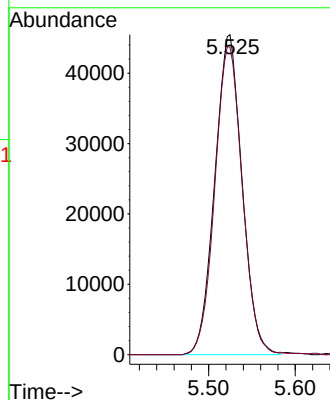
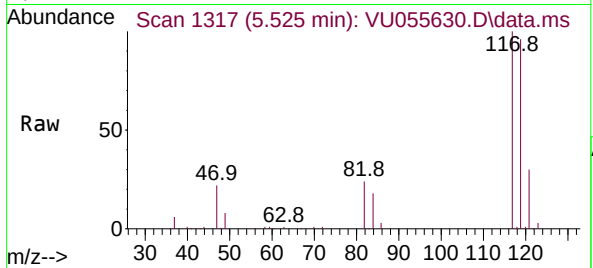




#31
Carbon tetrachloride
Concen: 4.042 ug/L
RT: 5.525 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

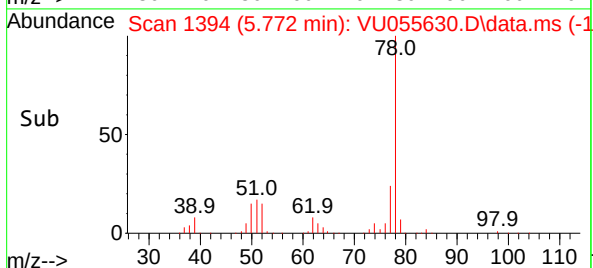
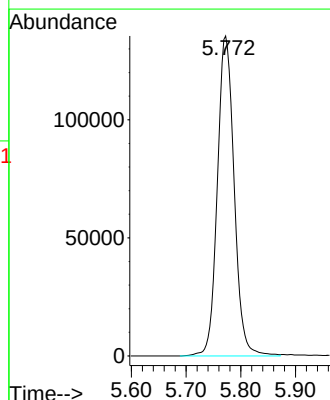
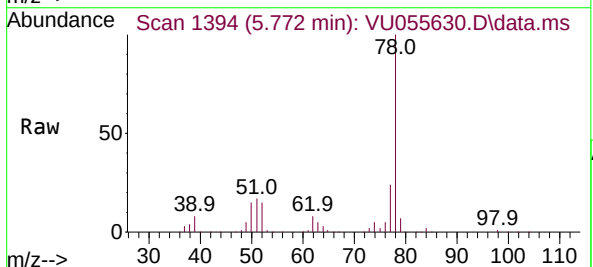
Instrument :
MSVOA_U
ClientSampleId :

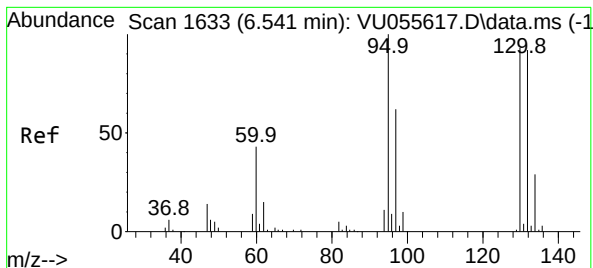
Tgt Ion:117 Resp: 99448
Ion Ratio Lower Upper
117 100
119 97.4 75.2 112.8



#33
Benzene
Concen: 3.993 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Tgt Ion: 78 Resp: 289415





#34

Trichloroethene

Concen: 3.813 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055630.D

Acq: 03 Oct 2023 09:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 78176

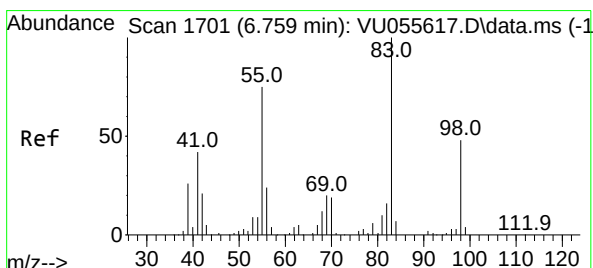
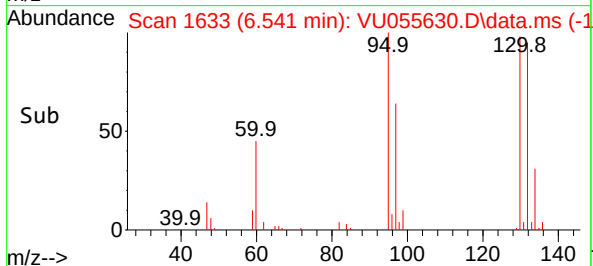
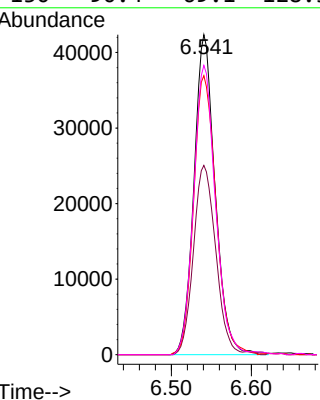
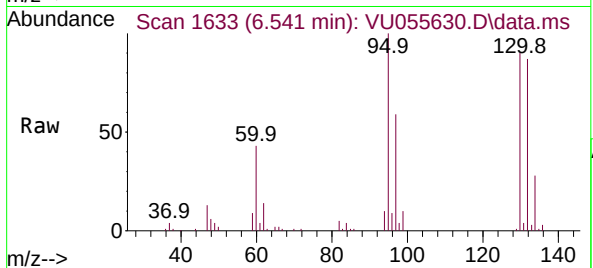
Ion Ratio Lower Upper

95 100

97 59.2 45.4 84.2

132 87.2 65.2 121.2

130 90.4 69.1 128.3



#35

Methylcyclohexane

Concen: 3.655 ug/L

RT: 6.763 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VU055630.D

Acq: 03 Oct 2023 09:15

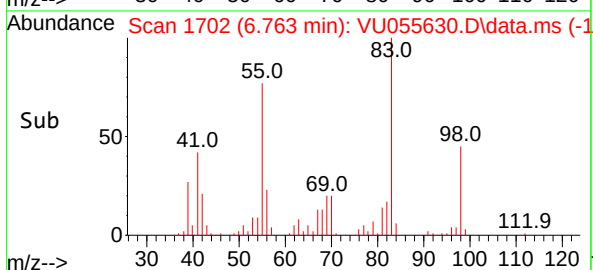
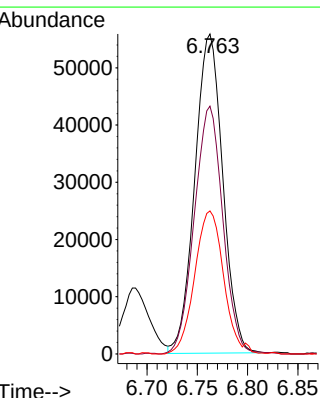
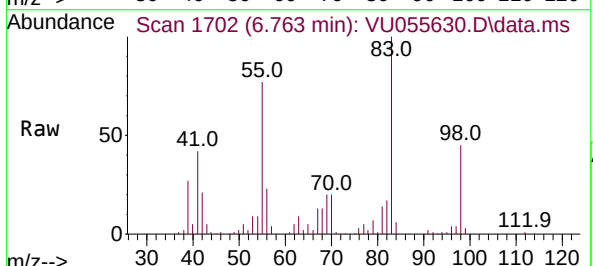
Tgt Ion: 83 Resp: 107942

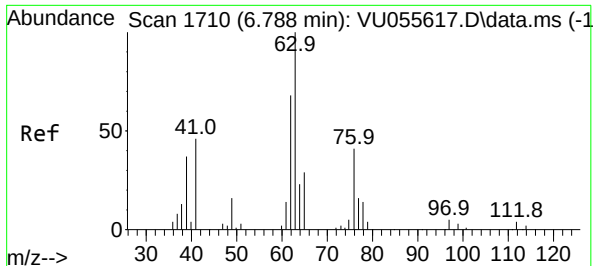
Ion Ratio Lower Upper

83 100

55 79.3 59.1 88.7

98 46.5 36.3 54.5

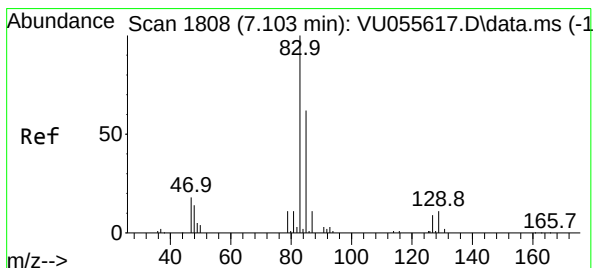
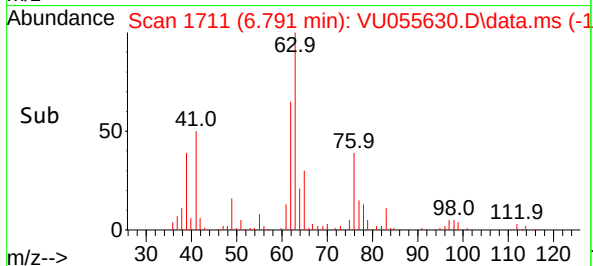
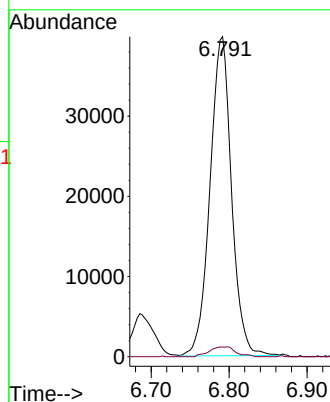
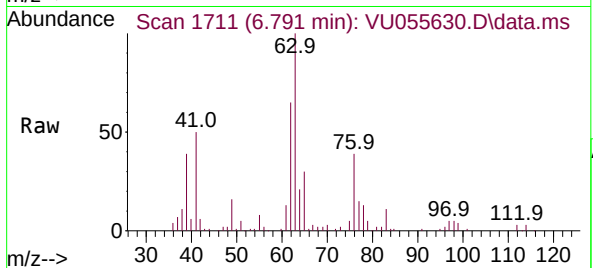




#37
1,2-Dichloropropane
Concen: 4.033 ug/L
RT: 6.791 min Scan# 1711
Delta R.T. 0.003 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

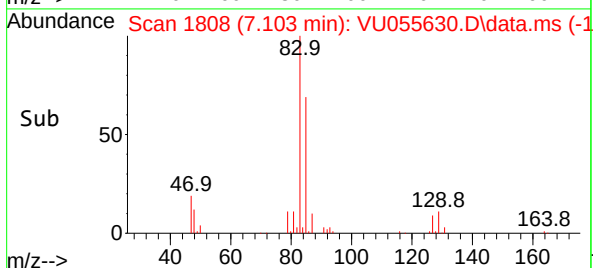
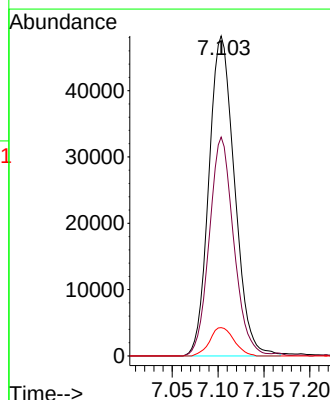
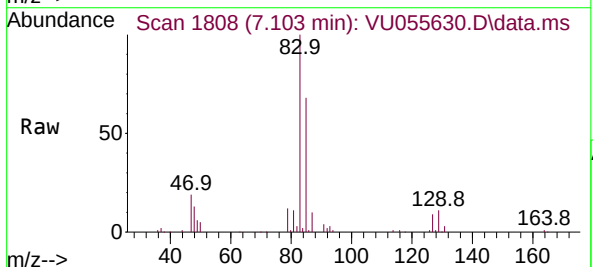
Instrument :
MSVOA_U
ClientSampleId :

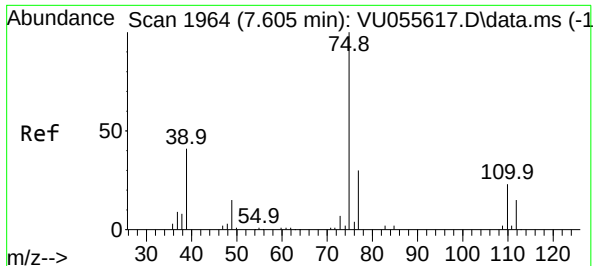
Tgt Ion: 63 Resp: 76453
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.6



#38
Bromodichloromethane
Concen: 4.227 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Tgt Ion: 83 Resp: 93896
Ion Ratio Lower Upper
83 100
85 68.4 46.8 86.8
127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.094 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055630.D

Acq: 03 Oct 2023 09:15

Instrument :

MSVOA_U

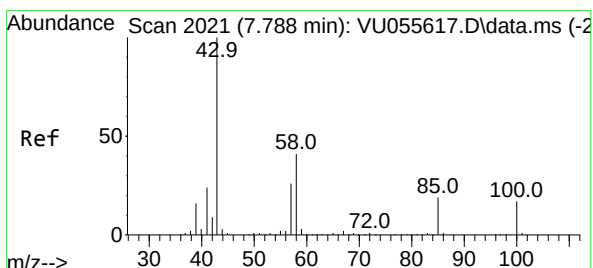
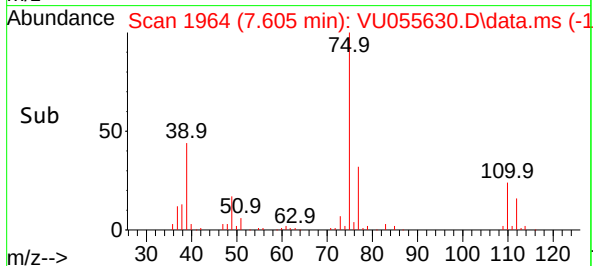
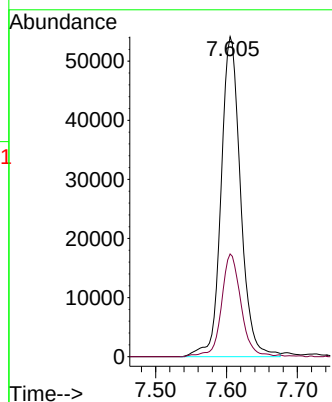
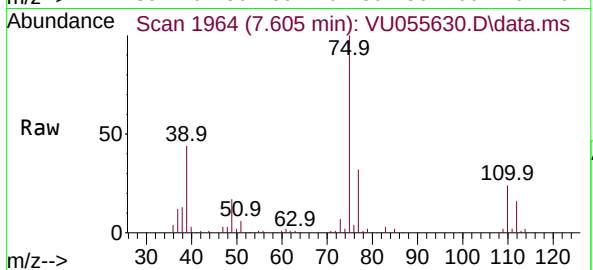
ClientSampleId :

Tgt Ion: 75 Resp: 103572

Ion Ratio Lower Upper

75 100

77 32.1 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 40.070 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055630.D

Acq: 03 Oct 2023 09:15

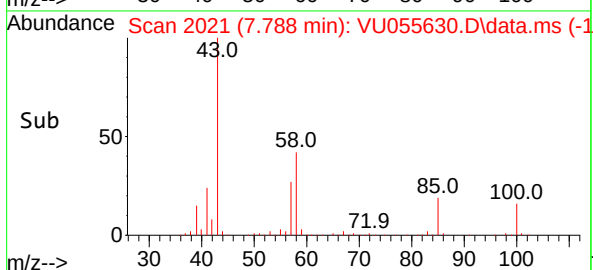
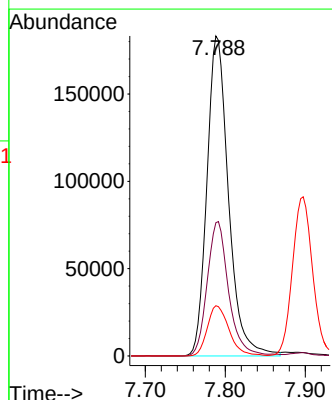
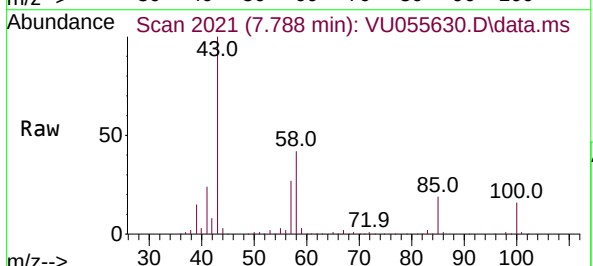
Tgt Ion: 43 Resp: 344540

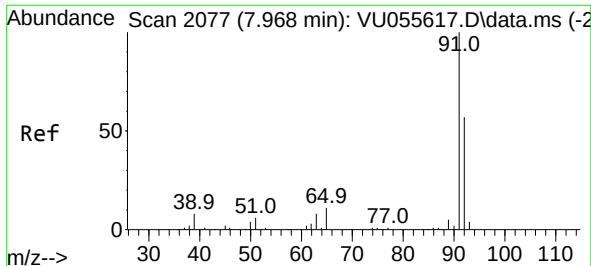
Ion Ratio Lower Upper

43 100

58 41.7 34.2 51.4

100 15.9 13.4 20.0





#42

Toluene

Concen: 3.943 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU055630.D

Acq: 03 Oct 2023 09:15

Instrument :

MSVOA_U

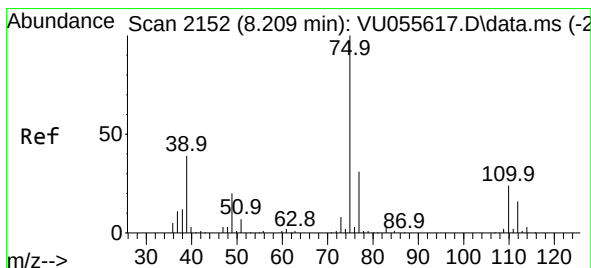
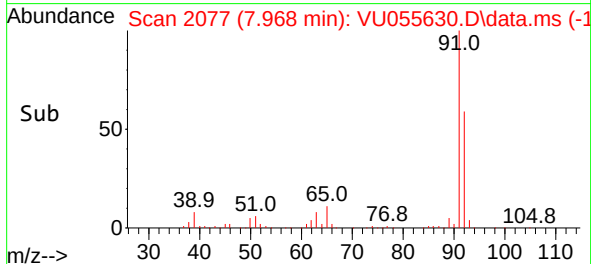
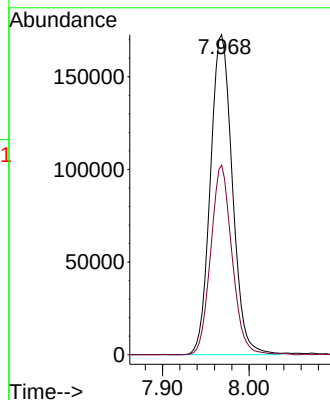
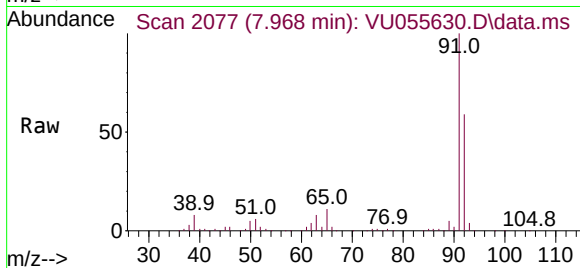
ClientSampleId :

Tgt Ion: 91 Resp: 304806

Ion Ratio Lower Upper

91 100

92 59.2 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.100 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055630.D

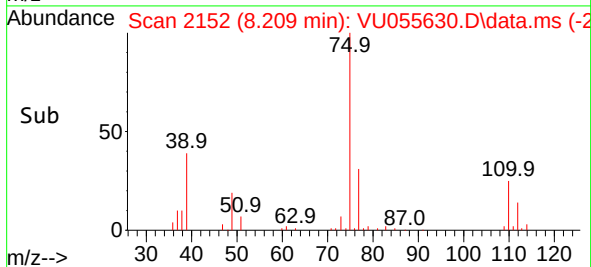
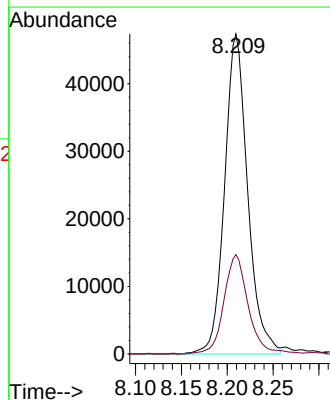
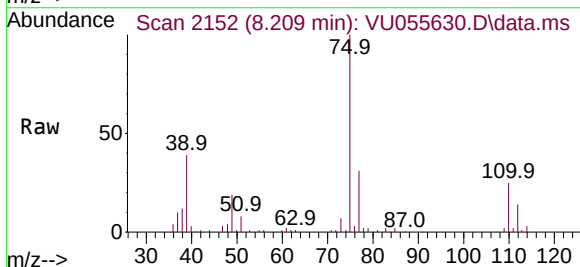
Acq: 03 Oct 2023 09:15

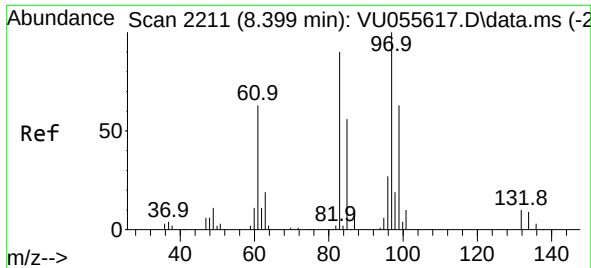
Tgt Ion: 75 Resp: 82987

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4



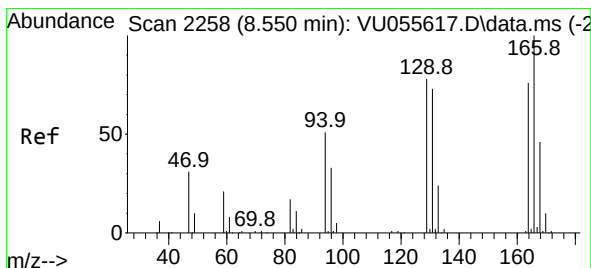
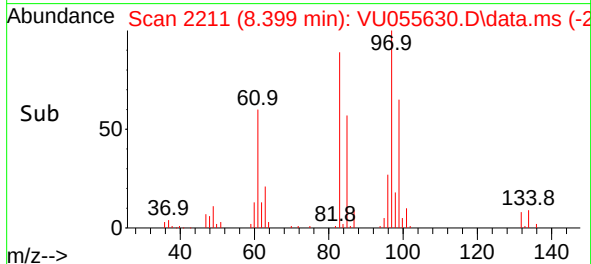
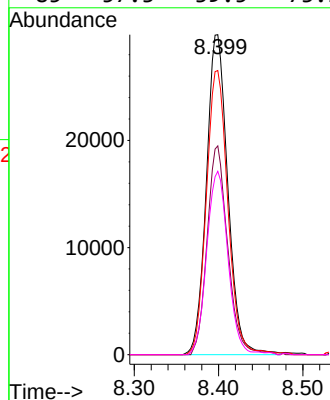
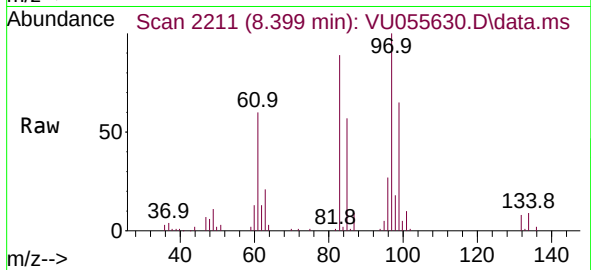


#45
1,1,2-Trichloroethane
Concen: 3.986 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 52977

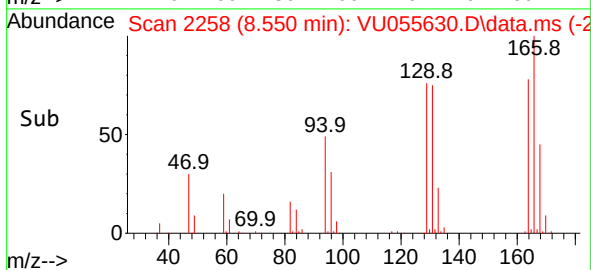
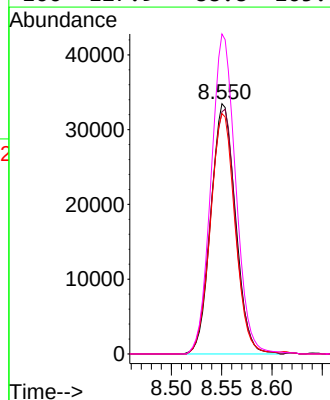
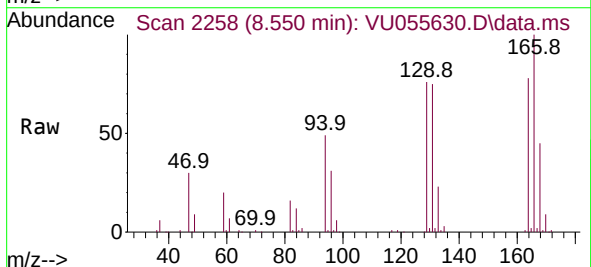
Ion	Ratio	Lower	Upper
97	100		
99	65.2	44.1	81.9
83	88.8	61.5	114.1
85	57.3	39.5	73.3

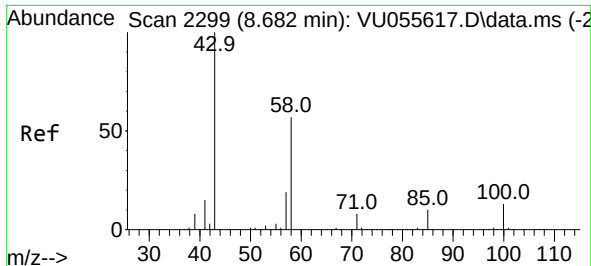


#47
Tetrachloroethene
Concen: 3.865 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Tgt Ion: 164 Resp: 56836

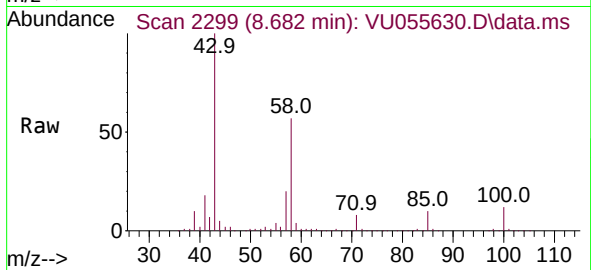
Ion	Ratio	Lower	Upper
164	100		
129	96.8	67.4	125.2
131	96.0	66.4	123.2
166	127.9	88.8	165.0





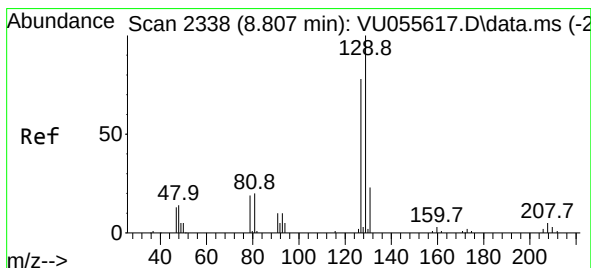
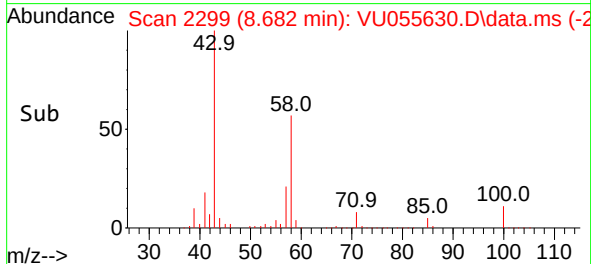
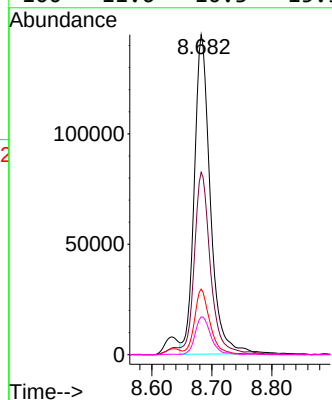
#48
2-Hexanone
Concen: 40.596 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 270528

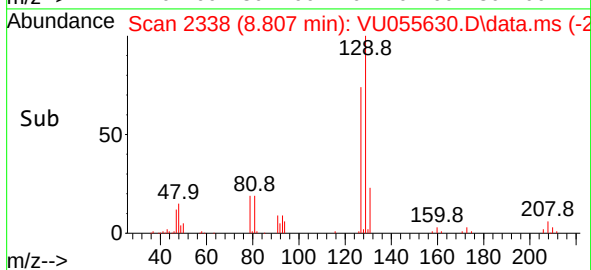
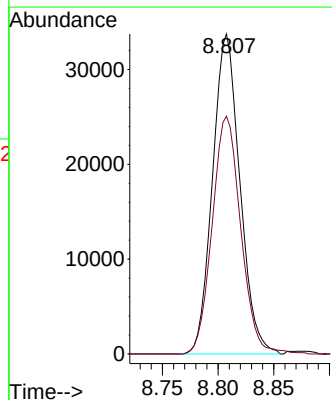
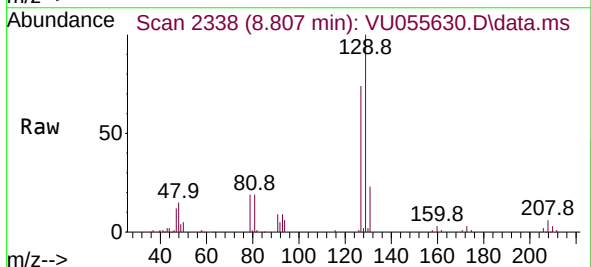
Ion	Ratio	Lower	Upper
43	100		
58	55.4	48.5	72.7
57	19.1	17.0	25.4
100	11.6	10.3	15.5

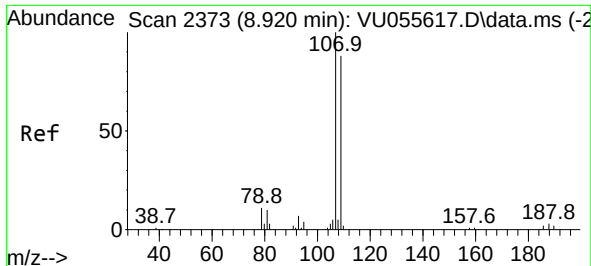


#49
Dibromochloromethane
Concen: 4.133 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Tgt Ion: 129 Resp: 57577

Ion	Ratio	Lower	Upper
129	100		
127	74.3	56.8	105.6





#50

1,2-Dibromoethane

Concen: 3.903 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055630.D

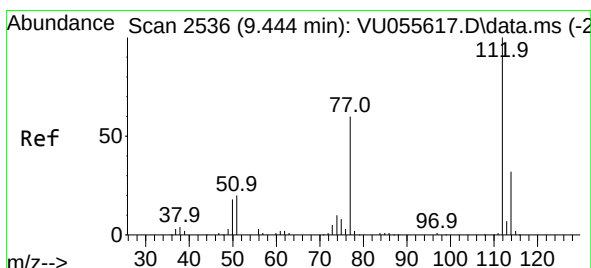
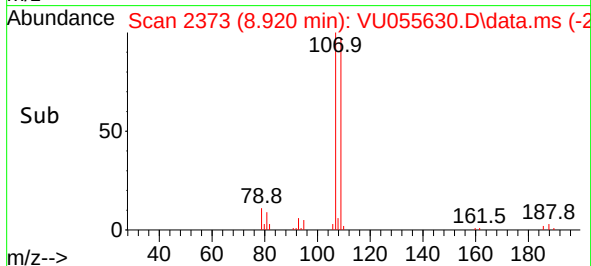
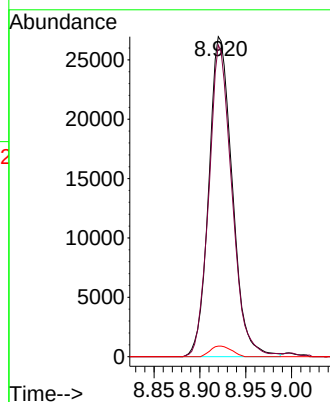
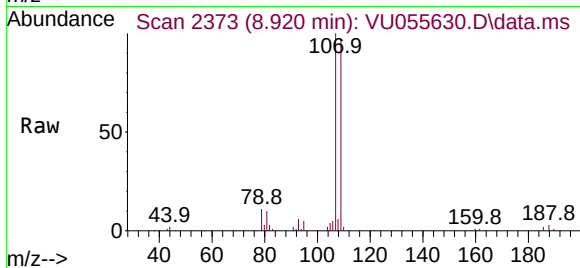
Acq: 03 Oct 2023 09:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	48139
Ion	Ratio	Lower Upper
107	100	
109	97.4	66.1 122.8
188	3.3	3.2 4.8



#51

Chlorobenzene

Concen: 3.879 ug/L

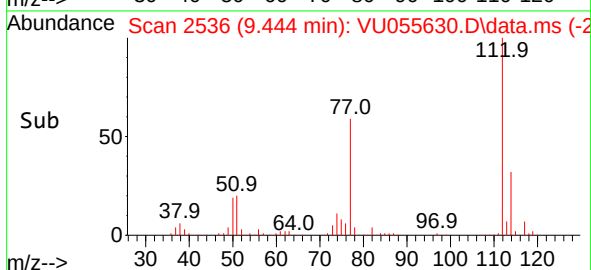
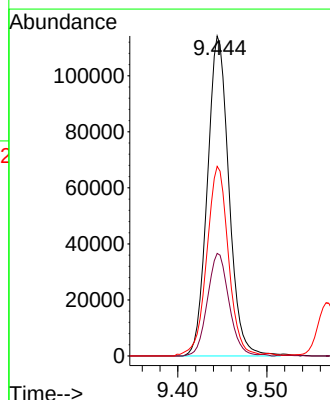
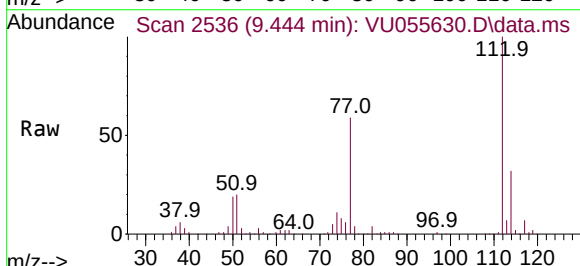
RT: 9.444 min Scan# 2536

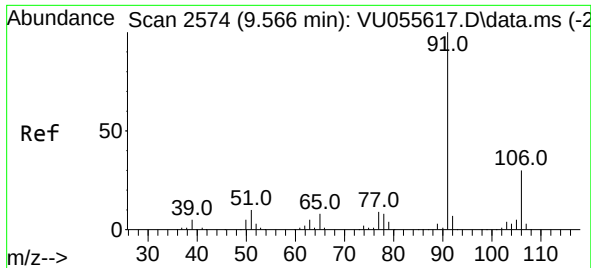
Delta R.T. 0.000 min

Lab File: VU055630.D

Acq: 03 Oct 2023 09:15

Tgt Ion:112	Resp:	192070
Ion	Ratio	Lower Upper
112	100	
114	32.1	22.0 40.8
77	59.2	46.9 70.3

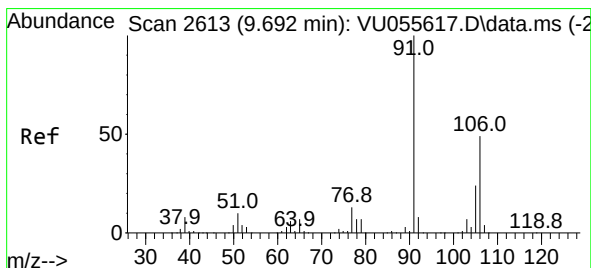
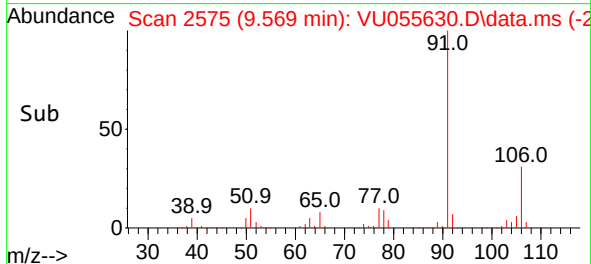
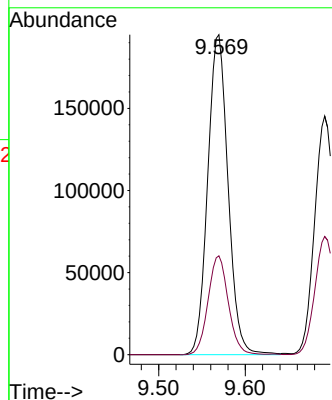
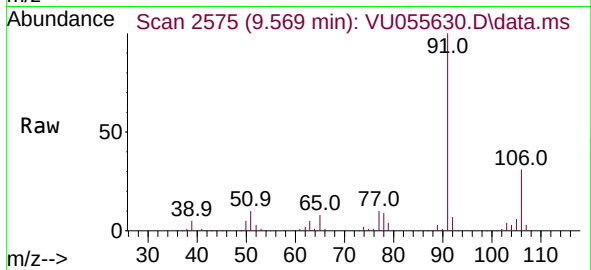




#52
Ethylbenzene
Concen: 3.833 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

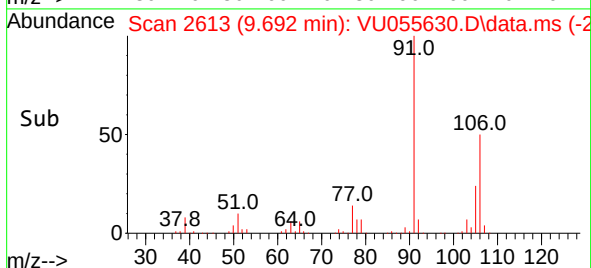
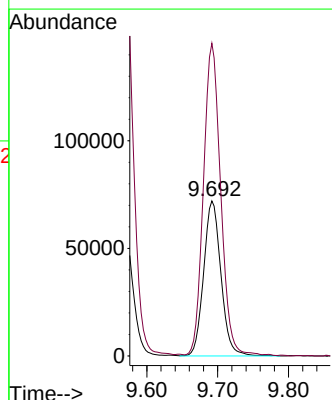
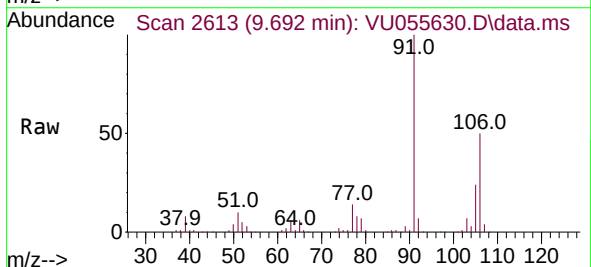
Instrument :
MSVOA_U
ClientSampleId :

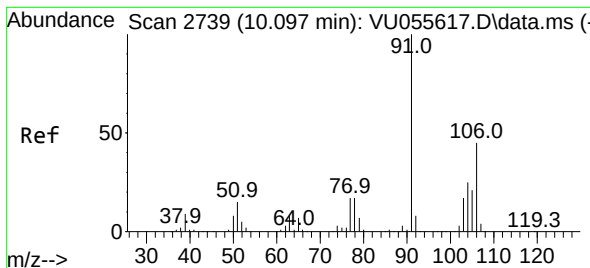
Tgt Ion: 91 Resp: 317656
Ion Ratio Lower Upper
91 100
106 30.9 22.4 41.6



#53
m,p-Xylene
Concen: 3.933 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Tgt Ion: 106 Resp: 122166
Ion Ratio Lower Upper
106 100
91 201.7 144.8 269.0





#54

o-Xylene

Concen: 3.755 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055630.D

Acq: 03 Oct 2023 09:15

Instrument :

MSVOA_U

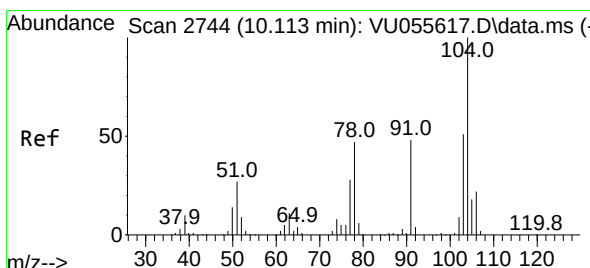
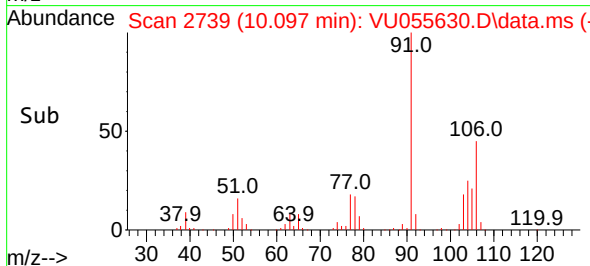
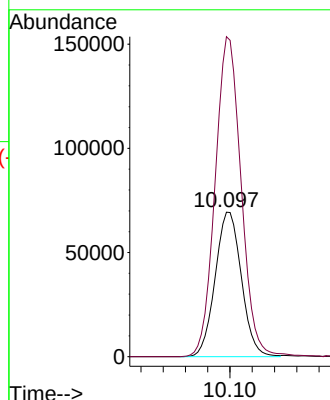
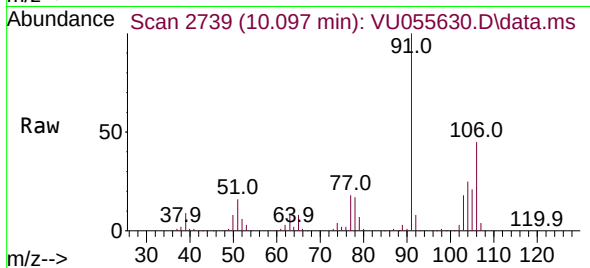
ClientSampleId :

Tgt Ion:106 Resp: 113378

Ion Ratio Lower Upper

106 100

91 221.4 157.6 292.8



#55

Styrene

Concen: 4.013 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU055630.D

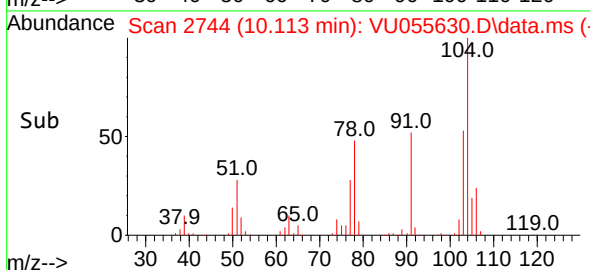
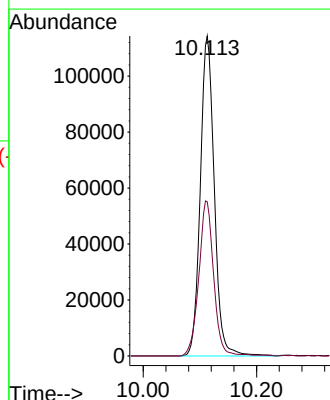
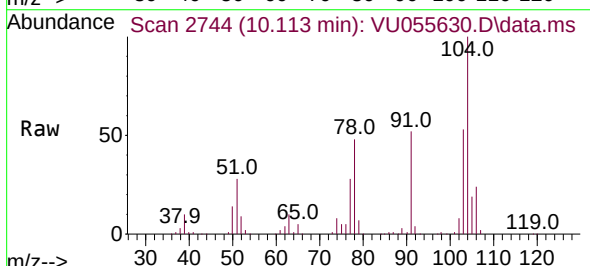
Acq: 03 Oct 2023 09:15

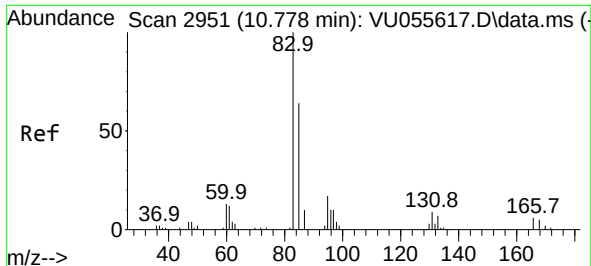
Tgt Ion:104 Resp: 195946

Ion Ratio Lower Upper

104 100

78 48.2 31.2 58.0

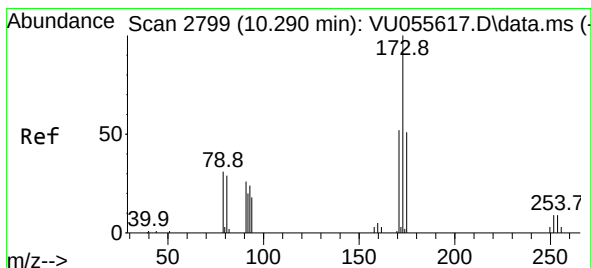
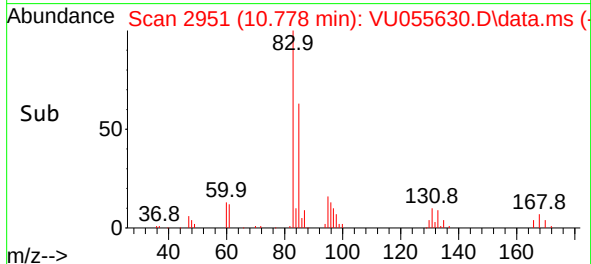
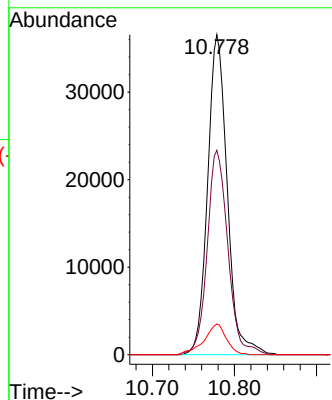
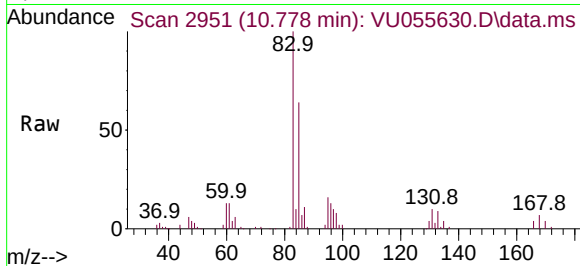




#57
1,1,2,2-Tetrachloroethane
Concen: 4.058 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

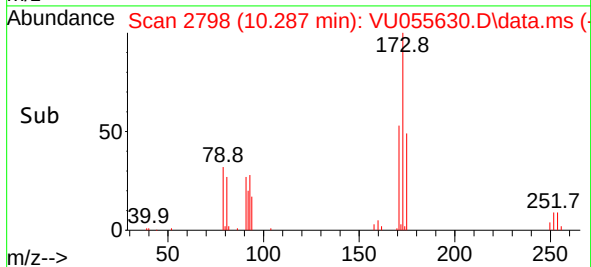
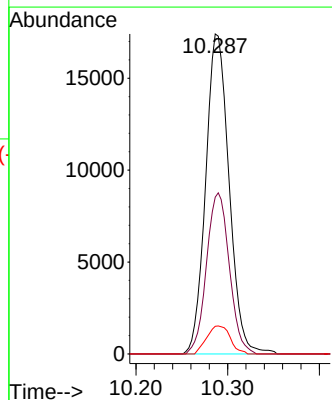
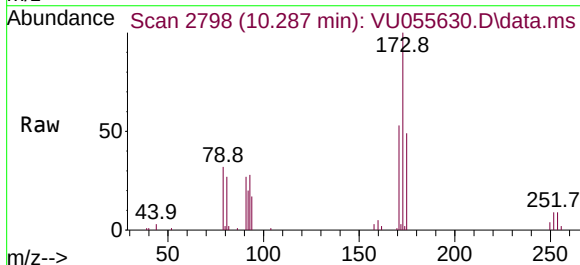
Instrument :
MSVOA_U
ClientSampleId :

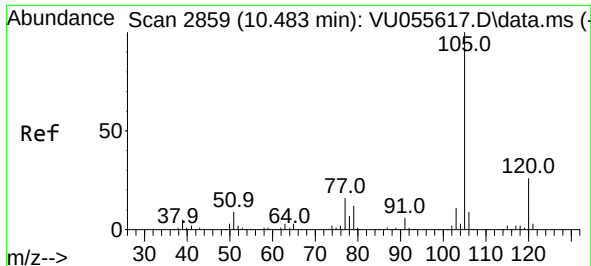
Tgt Ion:	83	Resp:	60881
Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.4	82.5
131	9.6	7.4	11.2



#59
Bromoform
Concen: 4.624 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. -0.003 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Tgt Ion:	173	Resp:	30843
Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.4	59.2
254	8.8	7.3	10.9

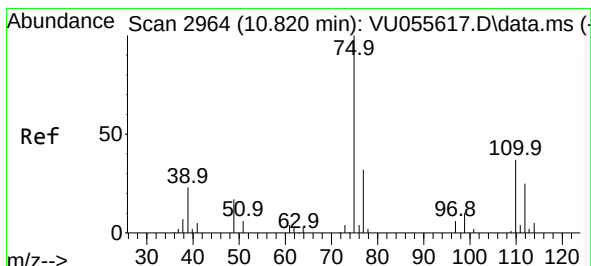
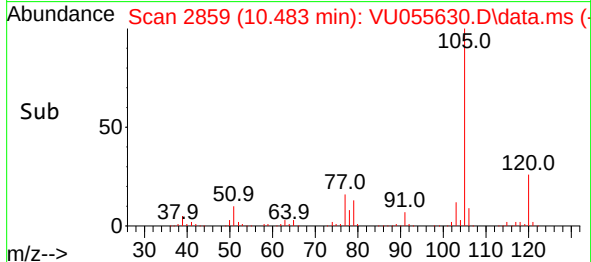
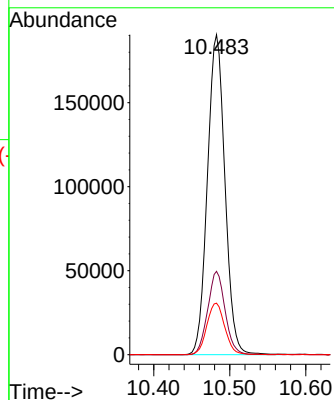
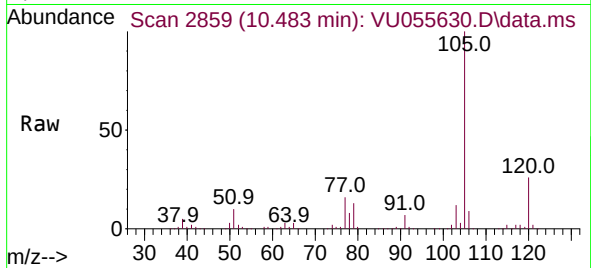




#60
Isopropylbenzene
Concen: 4.254 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

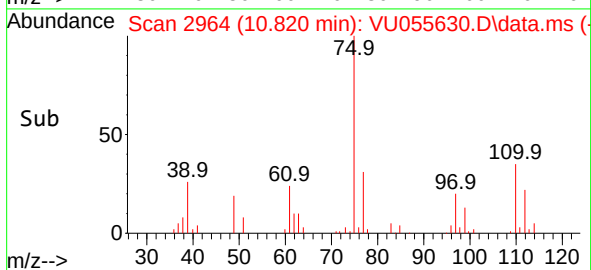
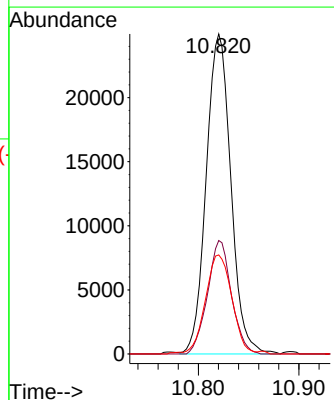
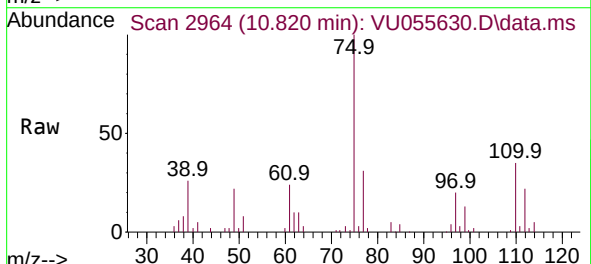
Instrument :
MSVOA_U
ClientSampleId :

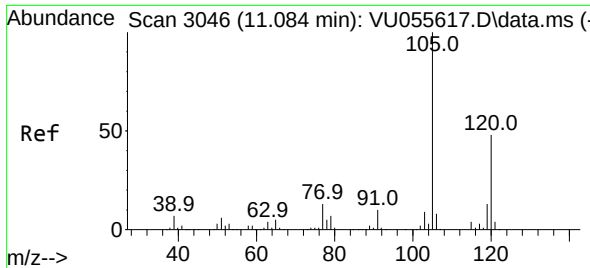
Tgt Ion:105 Resp: 305101
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 16.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.377 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Tgt Ion: 75 Resp: 42523
Ion Ratio Lower Upper
75 100
110 34.3 30.6 45.8
77 33.3 26.7 40.1

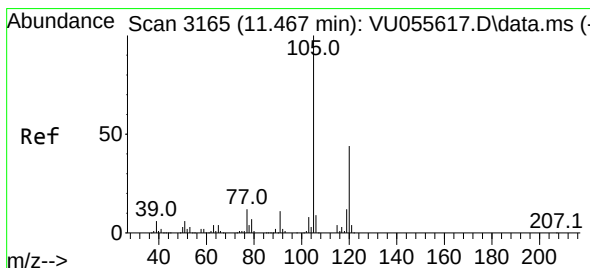
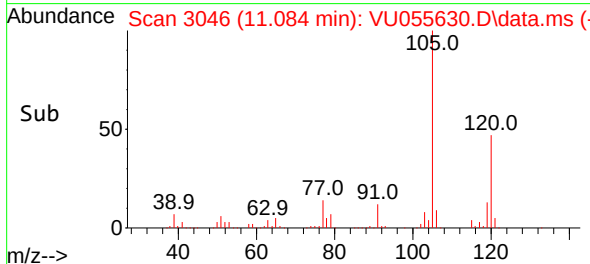
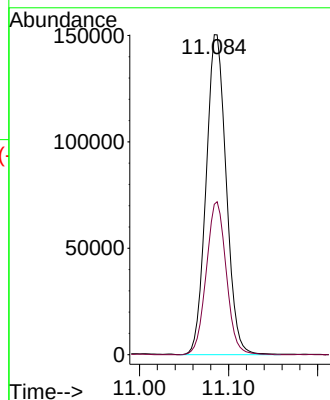
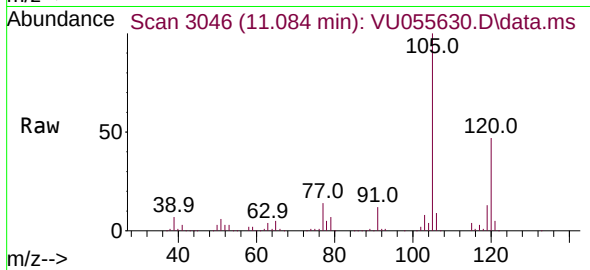




#62
 1,3,5-Trimethylbenzene
 Concen: 4.104 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU055630.D
 Acq: 03 Oct 2023 09:15

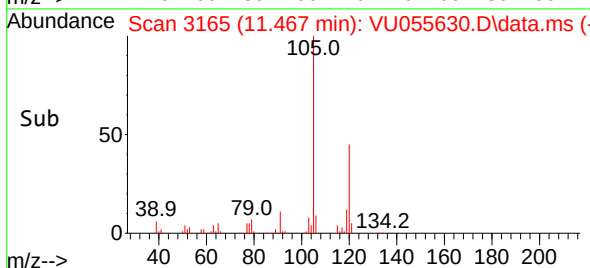
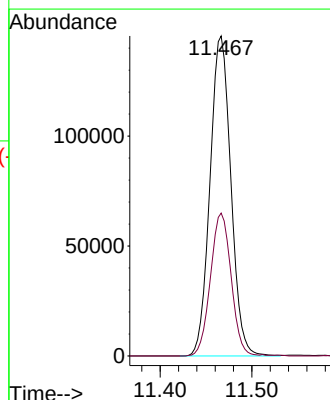
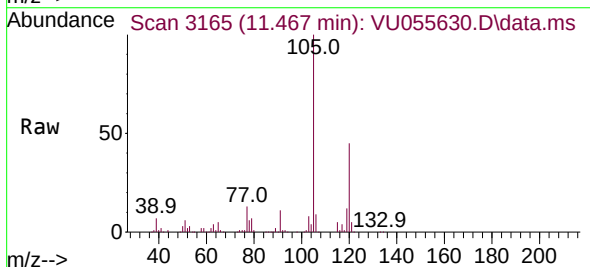
Instrument :
 MSVOA_U
 ClientSampleId :

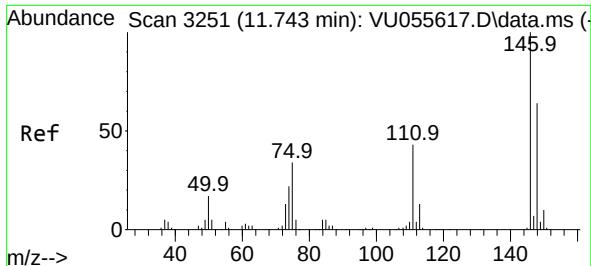
Tgt Ion:105 Resp: 235408
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.097 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VU055630.D
 Acq: 03 Oct 2023 09:15

Tgt Ion:105 Resp: 230013
 Ion Ratio Lower Upper
 105 100
 120 44.1 34.9 52.3

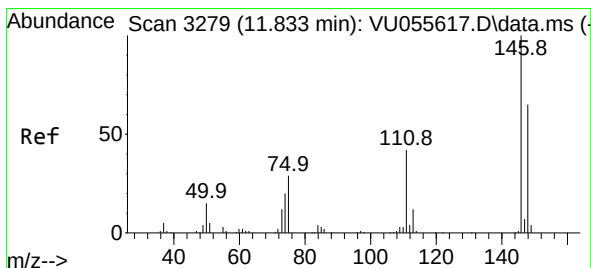
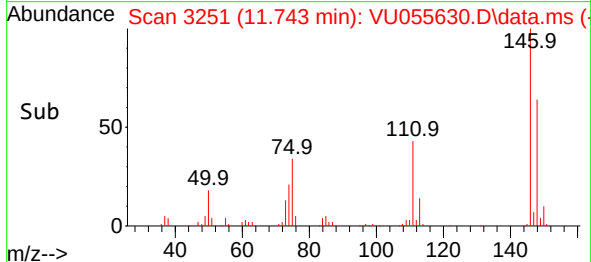
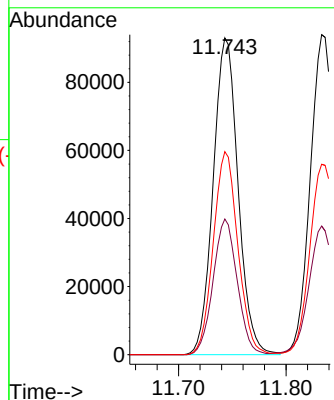
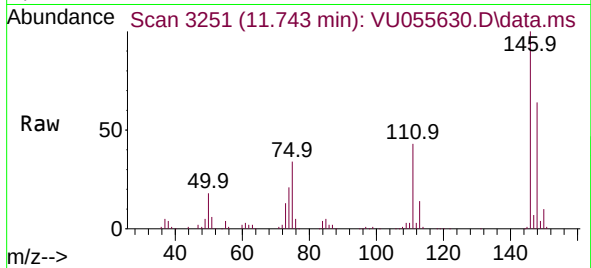




#64
1,3-Dichlorobenzene
Concen: 4.360 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

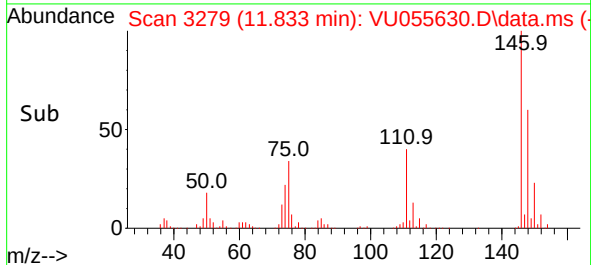
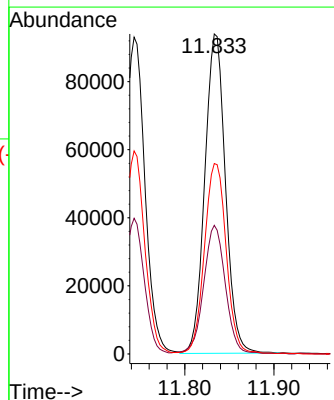
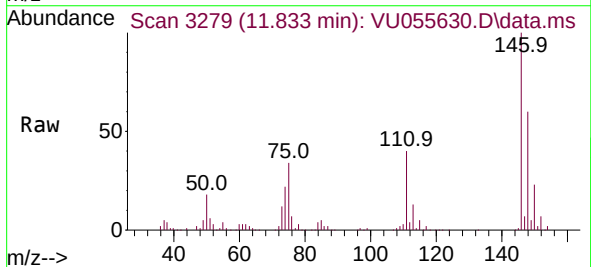
Instrument :
MSVOA_U
ClientSampleId :

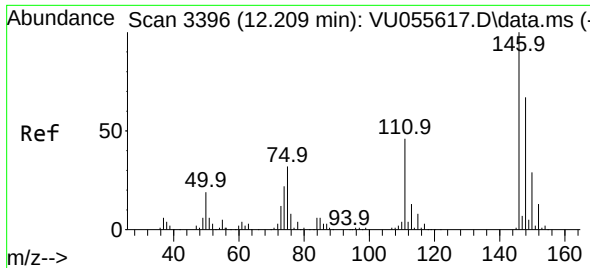
Tgt Ion:146 Resp: 149731
Ion Ratio Lower Upper
146 100
111 42.8 28.8 53.6
148 64.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.402 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Tgt Ion:146 Resp: 151066
Ion Ratio Lower Upper
146 100
111 40.2 29.0 53.8
148 59.5 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 4.145 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU055630.D

Acq: 03 Oct 2023 09:15

Instrument :

MSVOA_U

ClientSampleId :

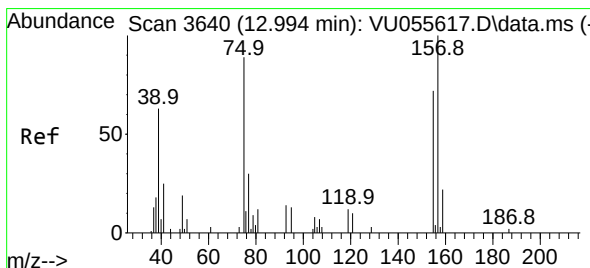
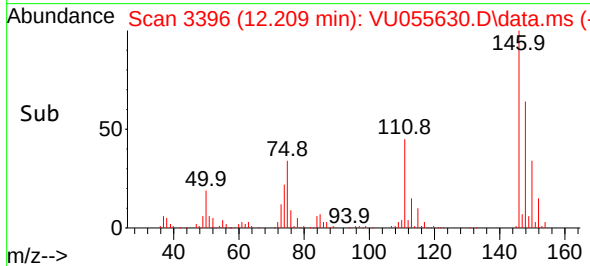
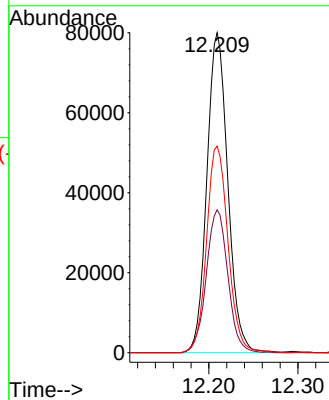
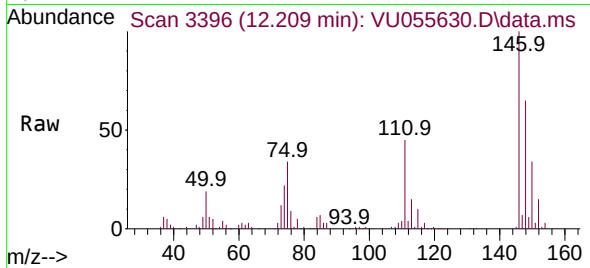
Tgt Ion:146 Resp: 130493

Ion Ratio Lower Upper

146 100

111 44.7 34.6 52.0

148 64.5 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.599 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU055630.D

Acq: 03 Oct 2023 09:15

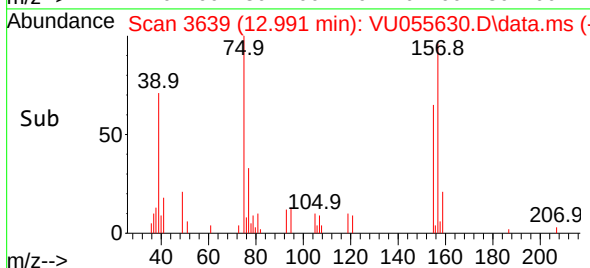
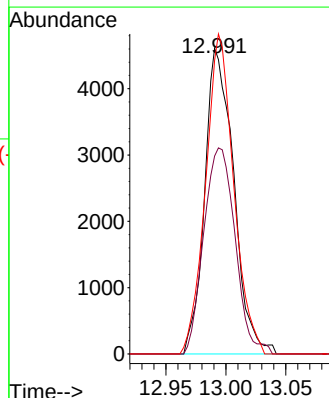
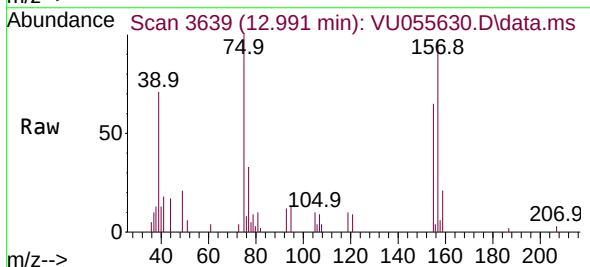
Tgt Ion: 75 Resp: 7744

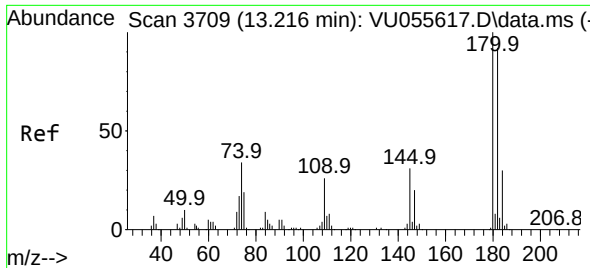
Ion Ratio Lower Upper

75 100

155 64.7 69.2 103.8#

157 96.0 81.9 122.9

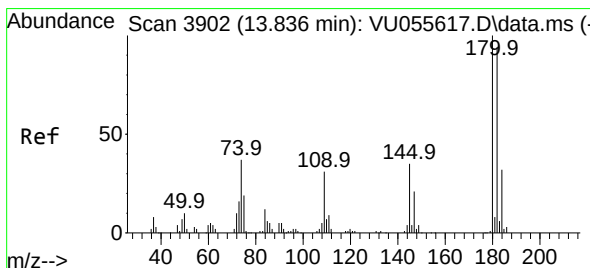
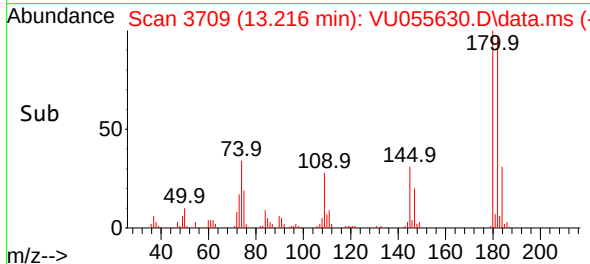
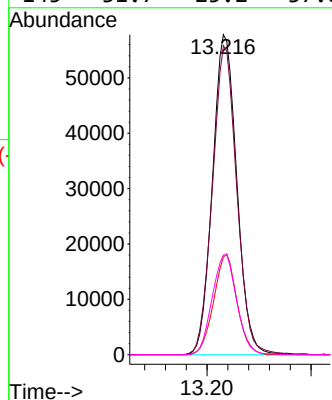
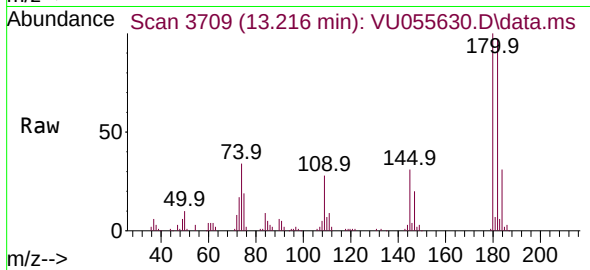




#69
 1,3,5-Trichlorobenzene
 Concen: 3.951 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: VU055630.D
 Acq: 03 Oct 2023 09:15

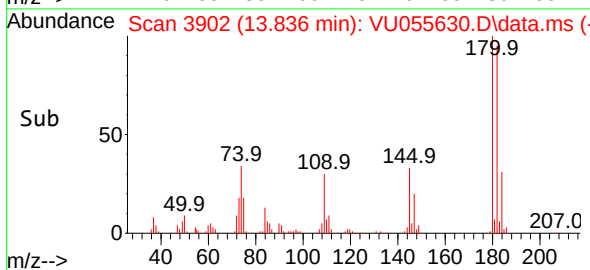
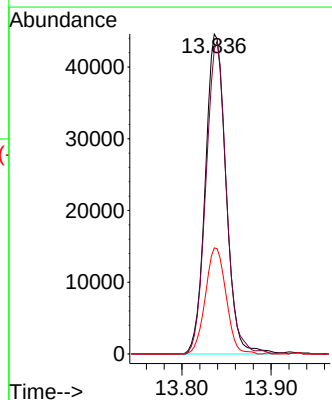
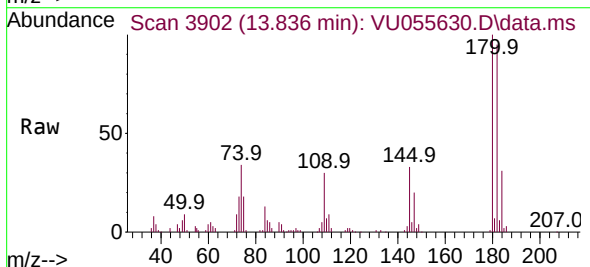
Instrument :
 MSVOA_U
 ClientSampleId :

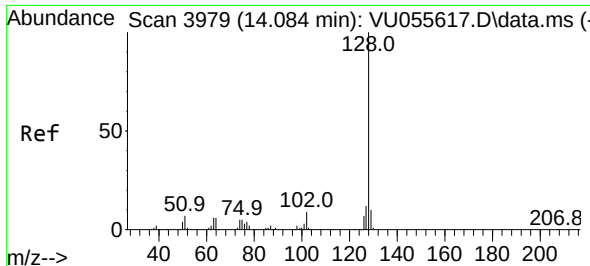
Tgt Ion:180	Resp:	93437
Ion Ratio	Lower	Upper
180	100	
182	96.9	77.1 115.7
184	30.2	24.0 36.0
145	31.7	25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 3.983 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU055630.D
 Acq: 03 Oct 2023 09:15

Tgt Ion:180	Resp:	71817
Ion Ratio	Lower	Upper
180	100	
182	96.2	76.4 114.6
145	33.1	25.4 38.0

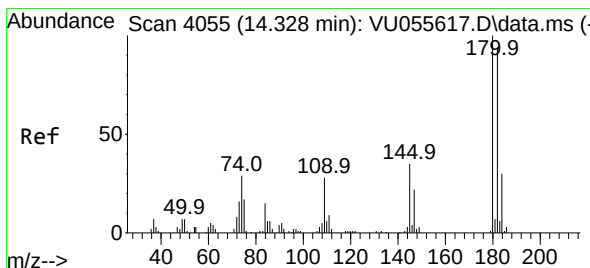
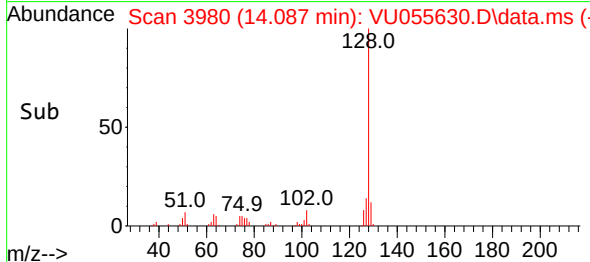
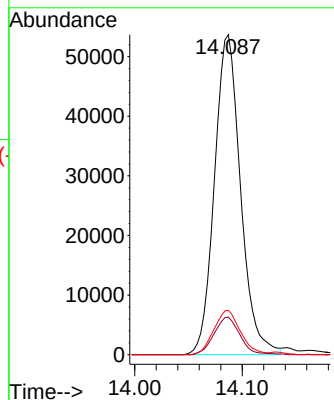
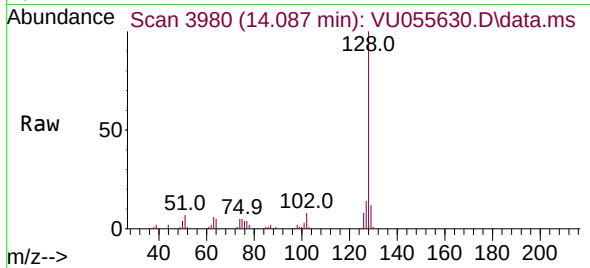




#71
Naphthalene
Concen: 3.473 ug/L
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 90641
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 14.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 3.759 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.000 min
Lab File: VU055630.D
Acq: 03 Oct 2023 09:15

Tgt Ion:180 Resp: 58976
Ion Ratio Lower Upper
180 100
182 96.7 76.2 114.4
145 34.3 26.0 39.0

