

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056089.D
 Acq On : 07 Nov 2023 09:21
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 00:15:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:14:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	370943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	367955	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	168955	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22395	0.973	ug/L	0.00
7) Chloroethane-d5	1.907	69	15165	0.971	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	9684	0.955	ug/L	0.00
20) 2-Butanone-d5	4.637	46	33227	9.235	ug/L	0.02
24) Chloroform-d	5.062	84	41730	0.952	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	18695	0.969	ug/L	0.00
32) Benzene-d6	5.724	84	79176	0.896	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	23995	0.922	ug/L	0.00
41) Toluene-d8	7.898	98	73144	0.903	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	8660	0.871	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	25278	7.813	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	17130	0.923	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	25083	0.963	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	31954	1.016	ug/L	100
3) Chloromethane	1.515	50	28841	0.979	ug/L	94
5) Vinyl chloride	1.602	62	29992	0.984	ug/L	82
6) Bromomethane	1.853	94	17870	1.021	ug/L	99
8) Chloroethane	1.930	64	17475	1.057	ug/L	97
9) Trichlorofluoromethane	2.136	101	40385	1.002	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	25448	0.991	ug/L	98
12) 1,1-Dichloroethene	2.576	96	22920	0.961	ug/L	98
13) Acetone	2.637	43	27142	9.743	ug/L	96
14) Carbon disulfide	2.792	76	78316	0.964	ug/L	99
15) Methyl Acetate	2.956	43	7439	0.946	ug/L	89
16) Methylene chloride	3.042	84	27235	0.996	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	50235	0.935	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	24153	0.956	ug/L	99
19) 1,1-Dichloroethane	3.866	63	44958	0.976	ug/L	97
21) 2-Butanone	4.714	43	38846	8.456	ug/L	95
22) cis-1,2-Dichloroethene	4.669	96	26462	0.970	ug/L	89
23) Bromochloromethane	4.972	128	11747	0.971	ug/L	95
25) Chloroform	5.081	83	47396	0.965	ug/L	100
27) 1,2-Dichloroethane	5.792	62	27229	0.980	ug/L #	92
29) 1,1,1-Trichloroethane	5.312	97	40134	0.952	ug/L	98
30) Cyclohexane	5.383	56	35745	0.908	ug/L	96
31) Carbon tetrachloride	5.518	117	36025	0.962	ug/L	97
33) Benzene	5.772	78	99528	0.945	ug/L	100
34) Trichloroethene	6.541	95	27247	0.947	ug/L	94
35) Methylcyclohexane	6.759	83	38274	0.895	ug/L	98
37) 1,2-Dichloropropane	6.788	63	27316	0.997	ug/L #	95
38) Bromodichloromethane	7.103	83	32029	0.936	ug/L	93
39) cis-1,3-Dichloropropene	7.605	75	33270	0.860	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	106089	8.852	ug/L	97
42) Toluene	7.968	91	101418	0.913	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	28090	0.897	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056089.D
 Acq On : 07 Nov 2023 09:21
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

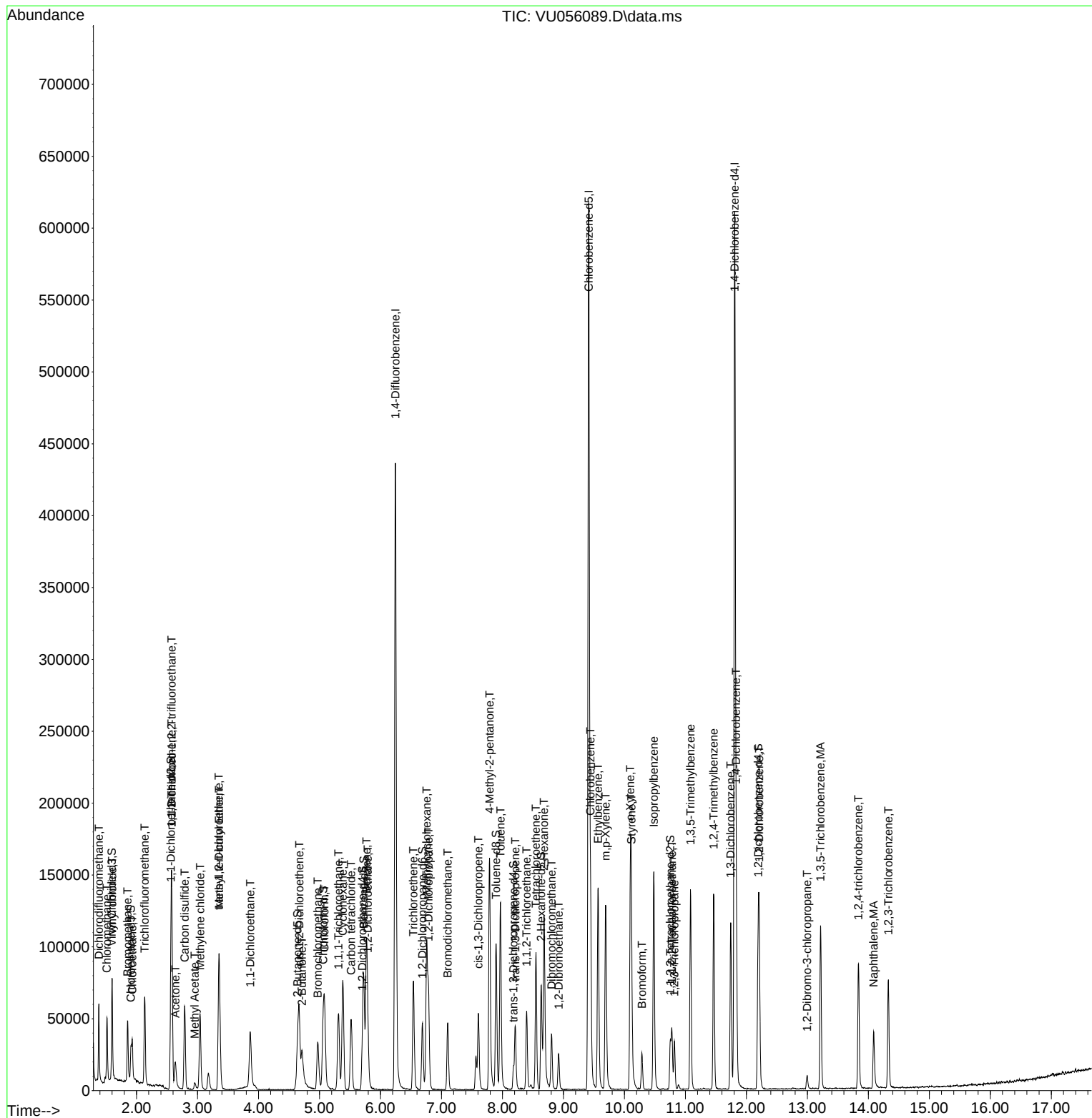
Quant Time: Nov 08 00:15:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:14:39 2023
 Response via : Initial Calibration

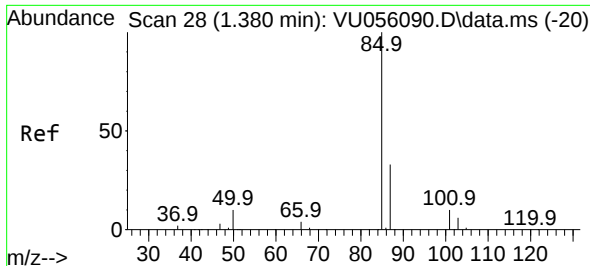
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	17836	0.952	ug/L	94
47) Tetrachloroethene	8.550	164	21074	0.976	ug/L	95
48) 2-Hexanone	8.682	43	73073	8.523	ug/L	99
49) Dibromochloromethane	8.804	129	19588	0.911	ug/L	99
50) 1,2-Dibromoethane	8.923	107	16169	0.924	ug/L #	93
51) Chlorobenzene	9.444	112	69475	0.970	ug/L	97
52) Ethylbenzene	9.569	91	109547	0.905	ug/L	98
53) m,p-Xylene	9.692	106	41374	0.899	ug/L	96
54) o-Xylene	10.097	106	39191	0.888	ug/L	98
55) Styrene	10.116	104	59142	0.819	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	20650	0.938	ug/L #	99
59) Bromoform	10.287	173	11607	0.989	ug/L	97
60) Isopropylbenzene	10.483	105	103932	0.949	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	14642	1.004	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	80240	0.903	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	76655	0.880	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	49562	0.955	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	48844	0.952	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	47428	0.992	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	3006	0.977	ug/L	87
69) 1,3,5-Trichlorobenzene	13.216	180	37479	0.965	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	28219	0.915	ug/L	99
71) Naphthalene	14.087	128	36962	0.823	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	24471	0.905	ug/L	99

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

Quant Time: Nov 08 00:15:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 08 00:14:39 2023
Response via : Initial Calibration

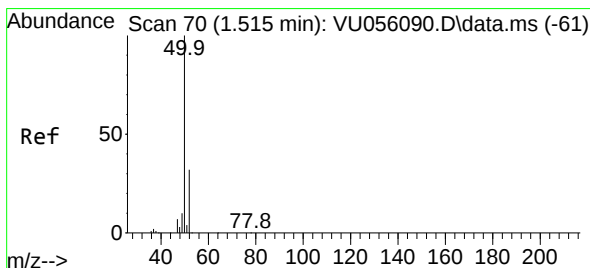
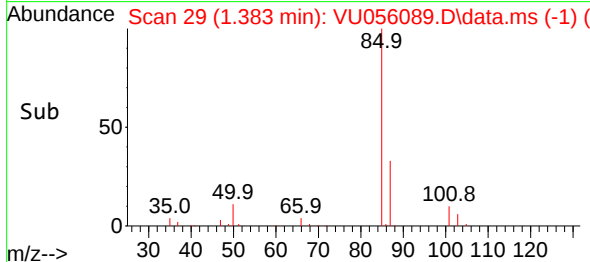
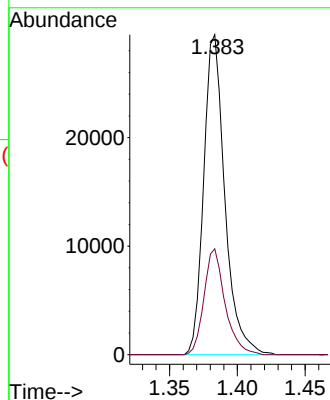
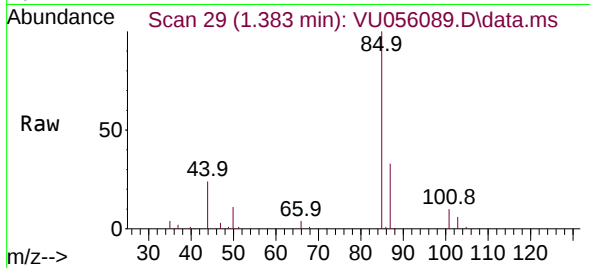




#2
 Dichlorodifluoromethane
 Concen: 1.016 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU056089.D
 Acq: 07 Nov 2023 09:21

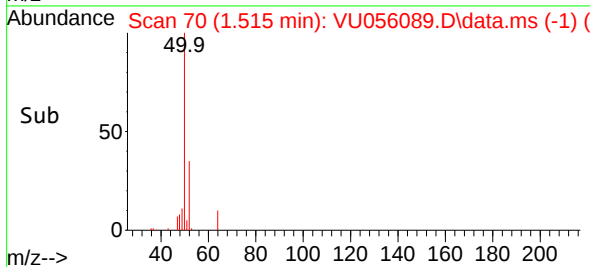
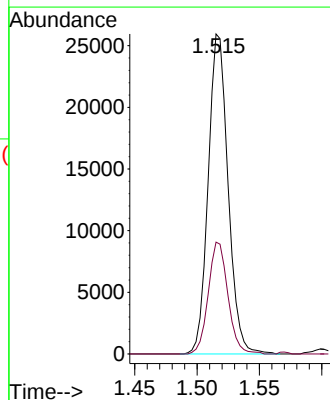
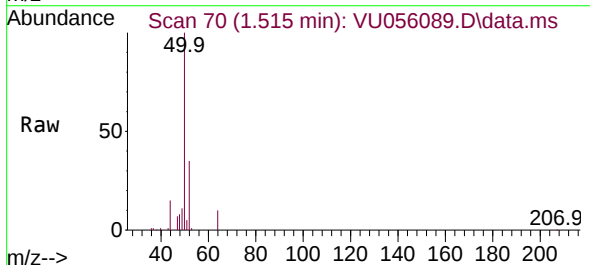
Instrument :
 MSVOA_U
 ClientSampleId :

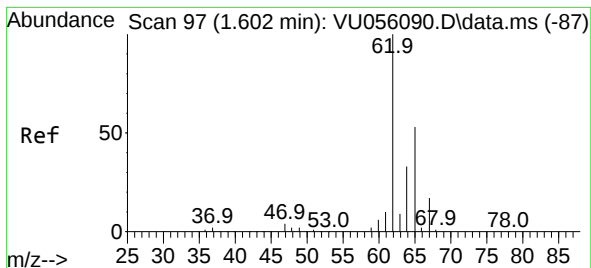
Tgt Ion: 85 Resp: 31954
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.4 39.6



#3
 Chloromethane
 Concen: 0.979 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU056089.D
 Acq: 07 Nov 2023 09:21

Tgt Ion: 50 Resp: 28841
 Ion Ratio Lower Upper
 50 100
 52 34.9 22.2 41.2





#5

Vinyl chloride

Concen: 0.984 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

Instrument :

MSVOA_U

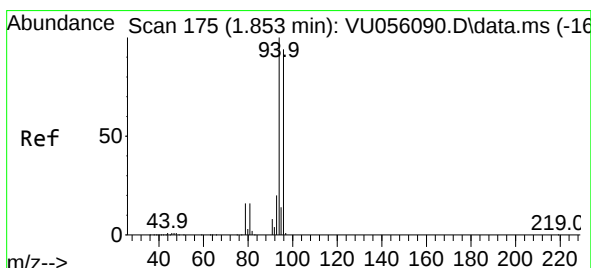
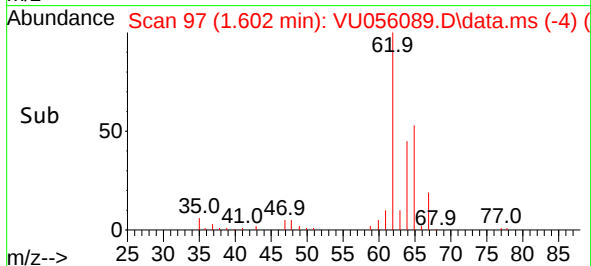
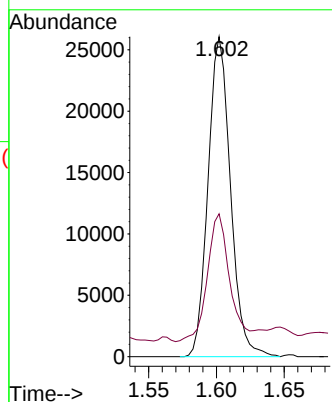
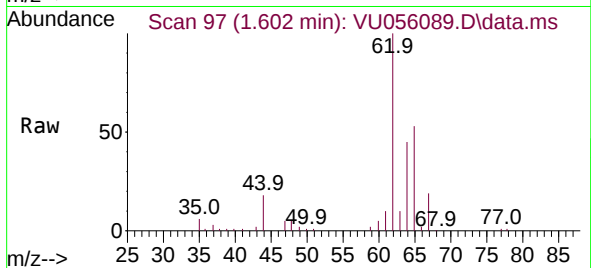
ClientSampleId :

Tgt Ion: 62 Resp: 29992

Ion Ratio Lower Upper

62 100

64 44.7 24.1 44.7



#6

Bromomethane

Concen: 1.021 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU056089.D

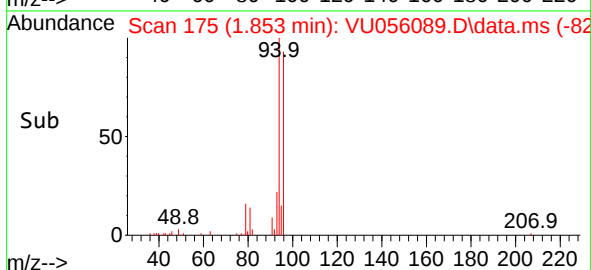
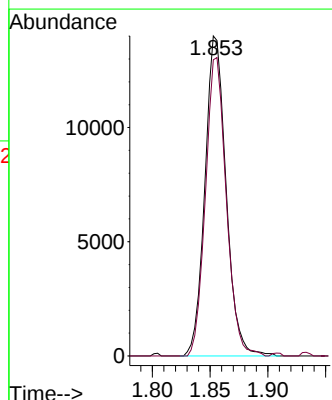
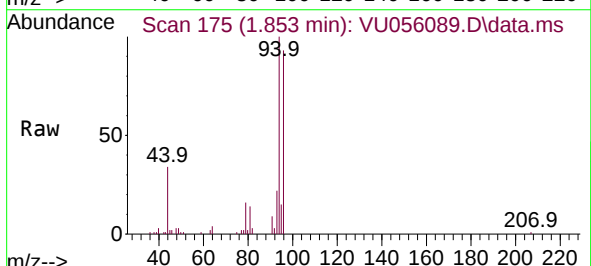
Acq: 07 Nov 2023 09:21

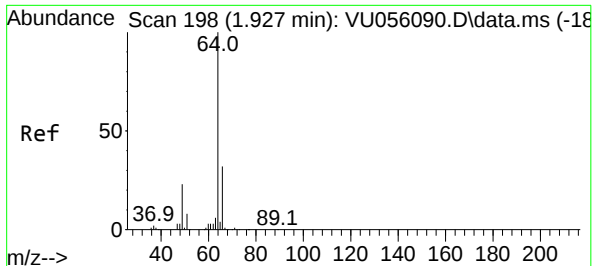
Tgt Ion: 94 Resp: 17870

Ion Ratio Lower Upper

94 100

96 92.6 65.6 121.8

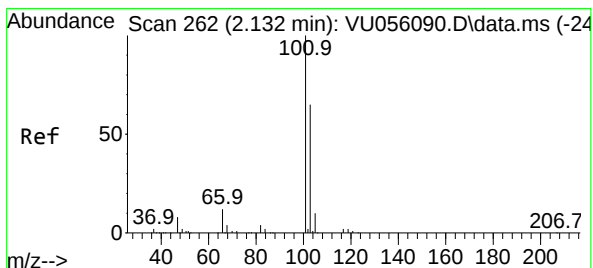
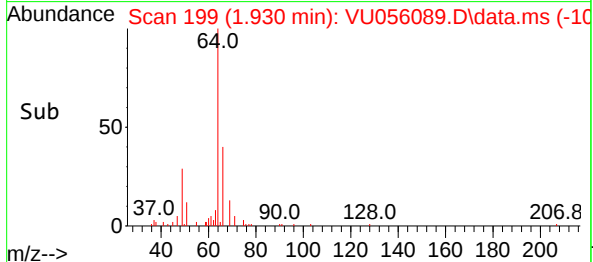
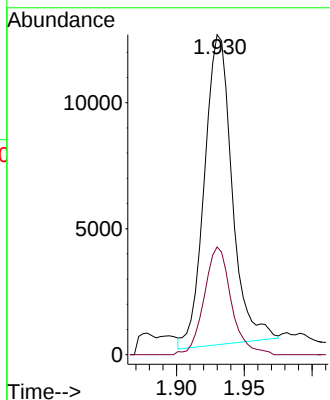
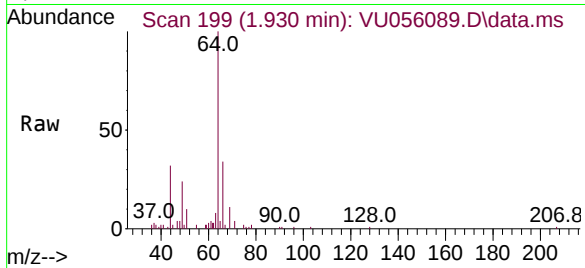




#8
Chloroethane
Concen: 1.057 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

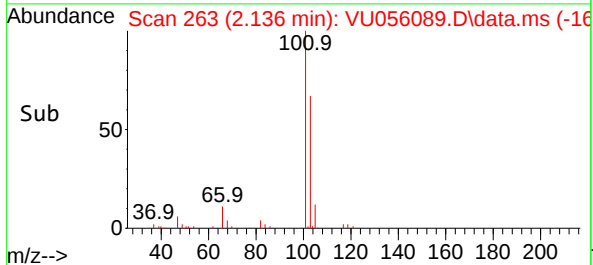
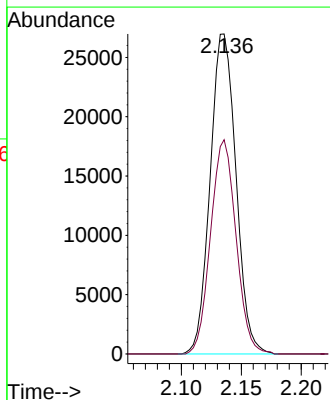
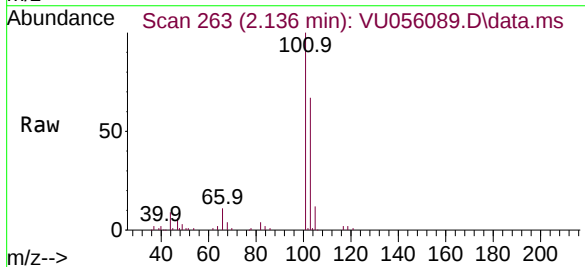
Instrument :
MSVOA_U
ClientSampleId :

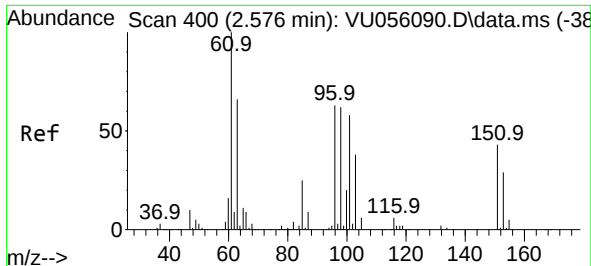
Tgt Ion: 64 Resp: 17475
Ion Ratio Lower Upper
64 100
66 33.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 1.002 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

Tgt Ion: 101 Resp: 40385
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.6

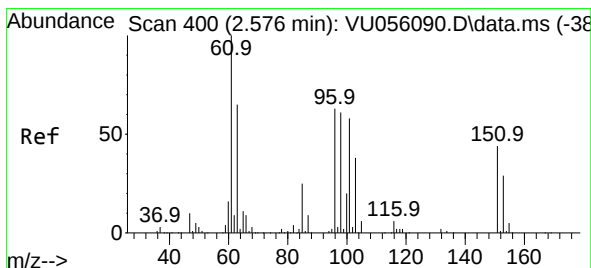
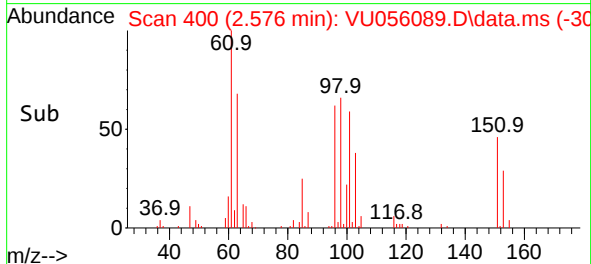
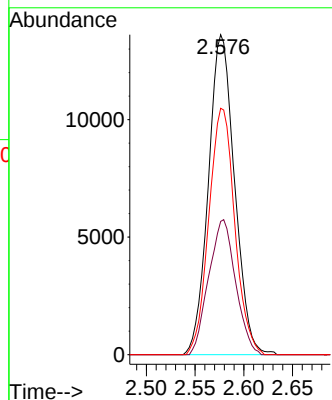
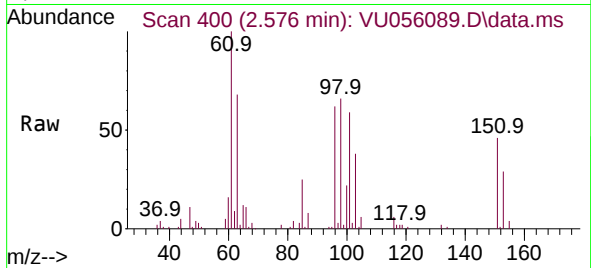




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.991 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056089.D
 Acq: 07 Nov 2023 09:21

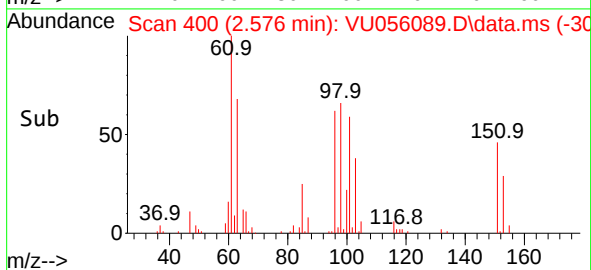
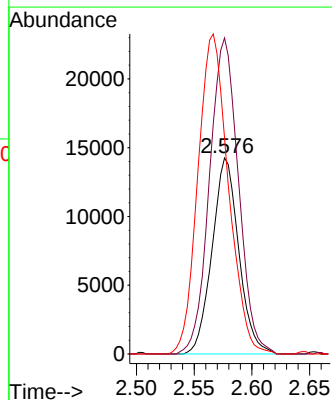
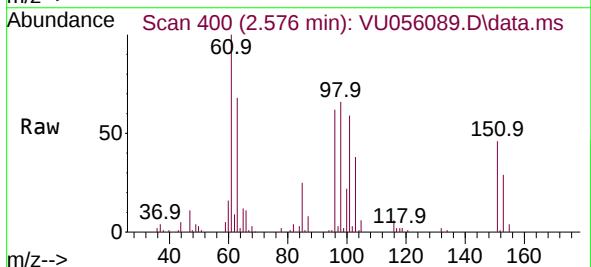
Instrument :
 MSVOA_U
 ClientSampleId :

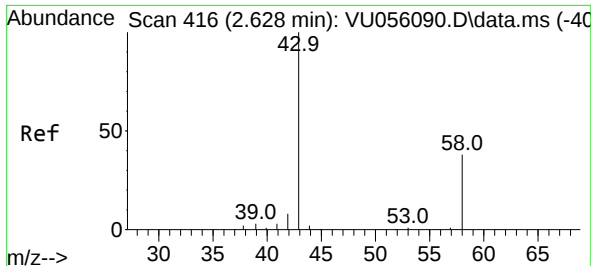
Tgt Ion:101 Resp: 25448
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.2 51.4
 151 76.2 59.3 88.9



#12
 1,1-Dichloroethene
 Concen: 0.961 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056089.D
 Acq: 07 Nov 2023 09:21

Tgt Ion: 96 Resp: 22920
 Ion Ratio Lower Upper
 96 100
 61 161.2 111.7 207.5
 63 110.4 74.5 138.3





#13

Acetone

Concen: 9.743 ug/L

RT: 2.637 min Scan# 416

Delta R.T. 0.010 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

Instrument :

MSVOA_U

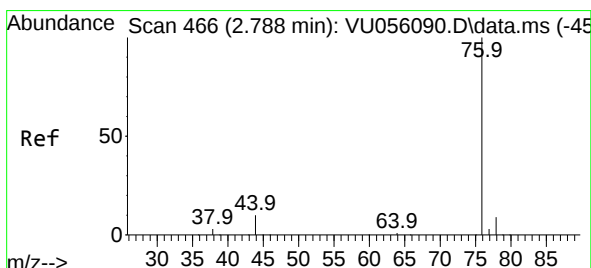
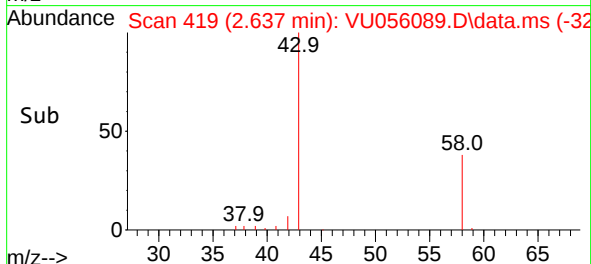
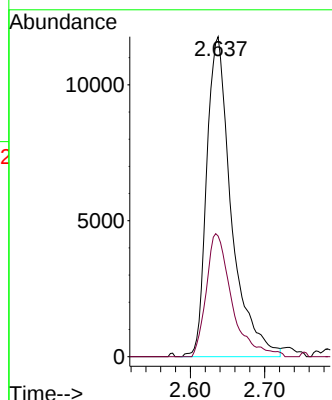
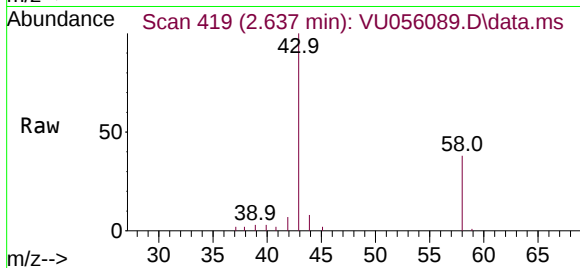
ClientSampleId :

Tgt Ion: 43 Resp: 27142

Ion Ratio Lower Upper

43 100

58 39.9 0.0 74.4



#14

Carbon disulfide

Concen: 0.964 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU056089.D

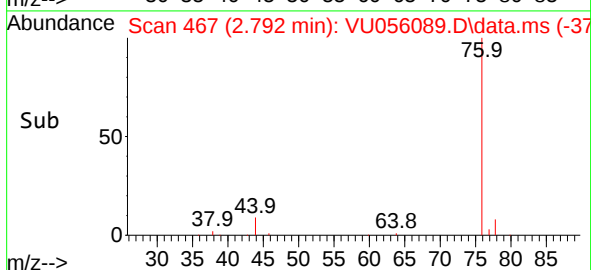
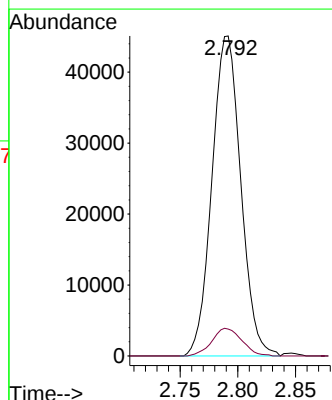
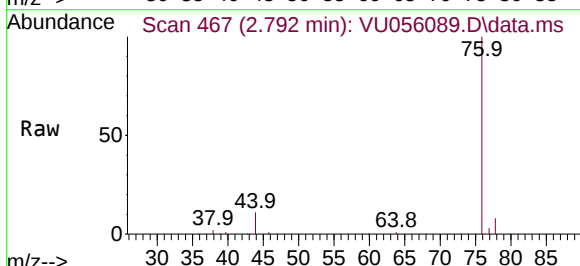
Acq: 07 Nov 2023 09:21

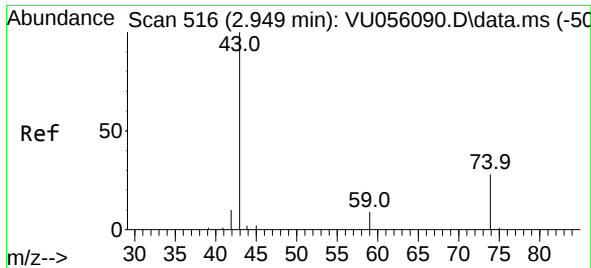
Tgt Ion: 76 Resp: 78316

Ion Ratio Lower Upper

76 100

78 8.4 7.0 10.6

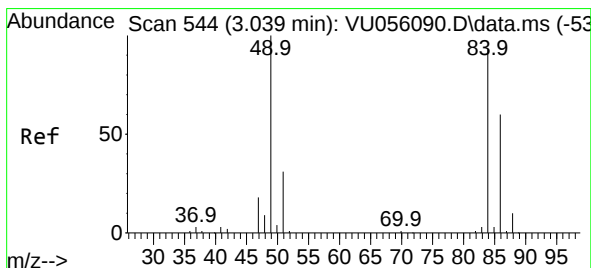
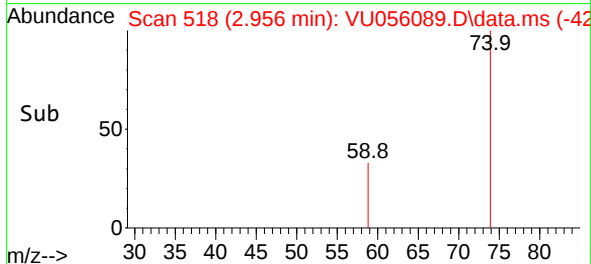
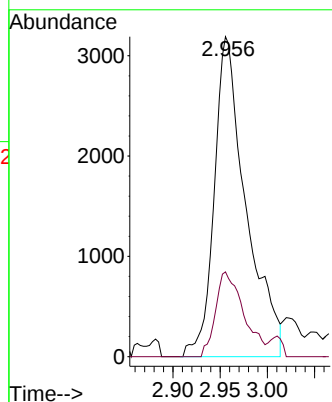
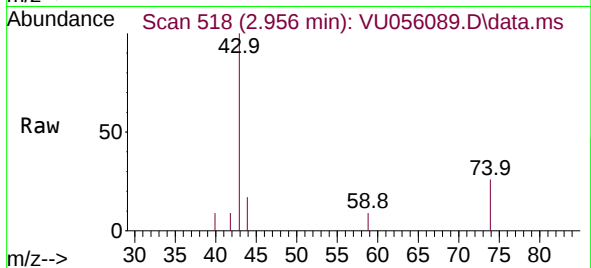




#15
Methyl Acetate
Concen: 0.946 ug/L
RT: 2.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

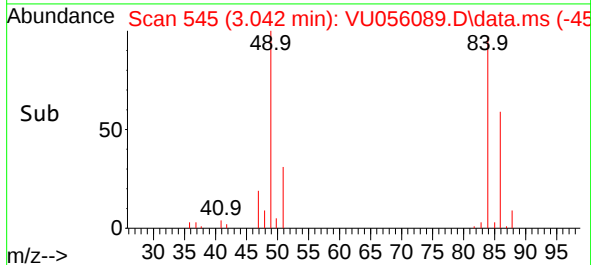
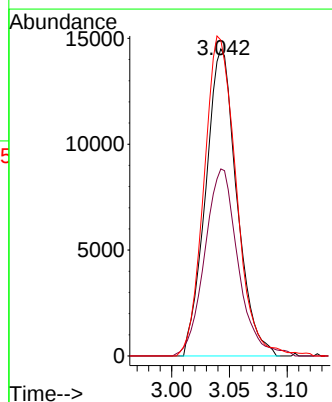
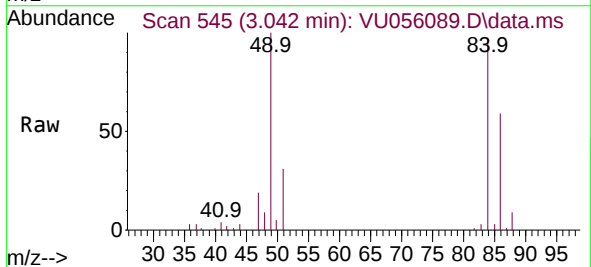
Instrument :
MSVOA_U
ClientSampleId :

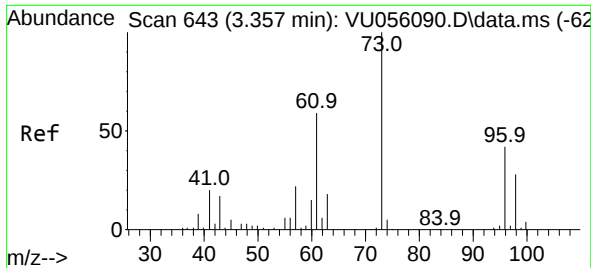
Tgt Ion: 43 Resp: 7439
Ion Ratio Lower Upper
43 100
74 23.4 23.3 34.9



#16
Methylene chloride
Concen: 0.996 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

Tgt Ion: 84 Resp: 27235
Ion Ratio Lower Upper
84 100
86 60.9 44.9 83.5
49 108.5 75.0 139.4

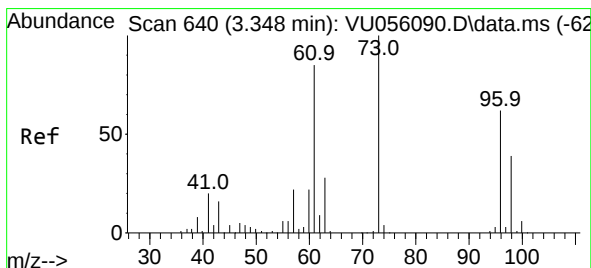
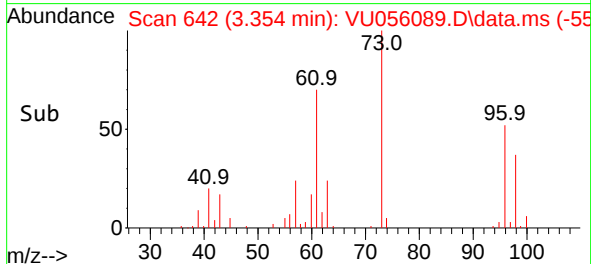
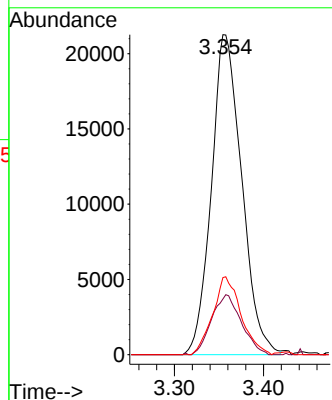
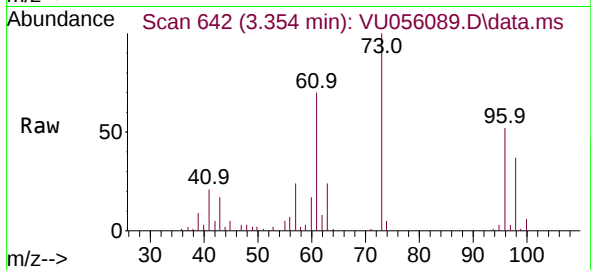




#17
Methyl tert-butyl Ether
Concen: 0.935 ug/L
RT: 3.354 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

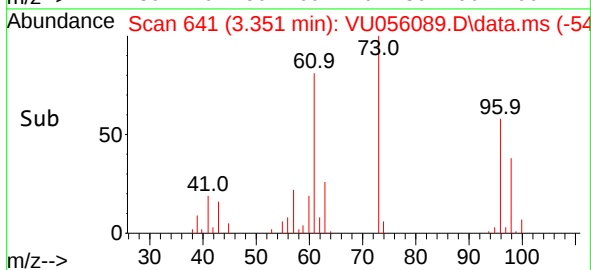
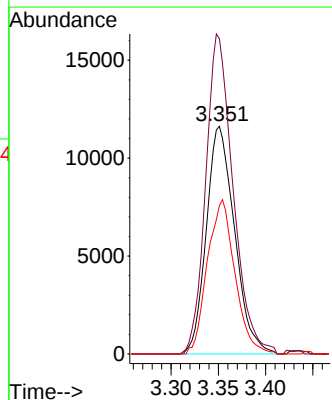
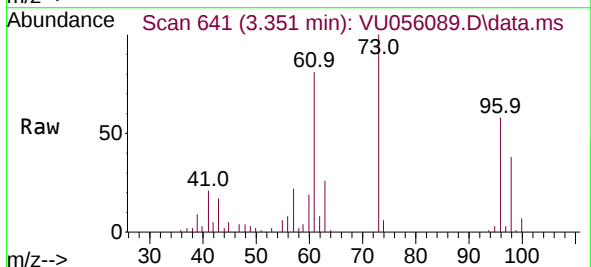
Instrument :
MSVOA_U
ClientSampleId :

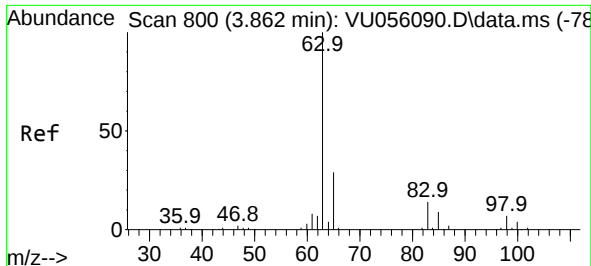
Tgt Ion: 73 Resp: 50235
Ion Ratio Lower Upper
73 100
43 18.4 13.6 20.4
57 22.6 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 0.956 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

Tgt Ion: 96 Resp: 24153
Ion Ratio Lower Upper
96 100
61 138.4 96.7 179.5
98 65.1 44.3 82.3





#19

1,1-Dichloroethane

Concen: 0.976 ug/L

RT: 3.866 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

Instrument :

MSVOA_U

ClientSampleId :

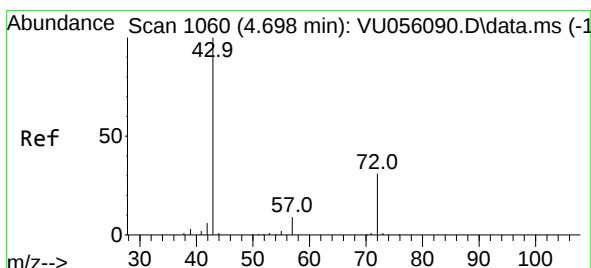
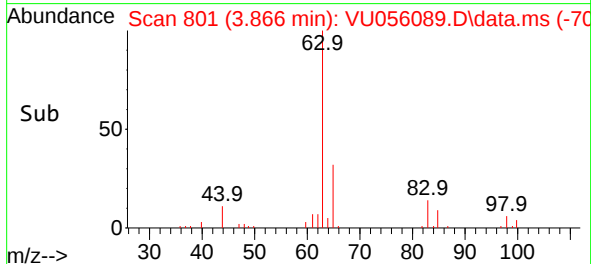
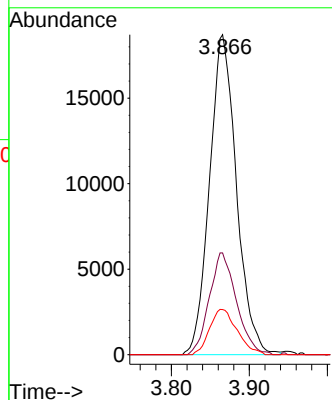
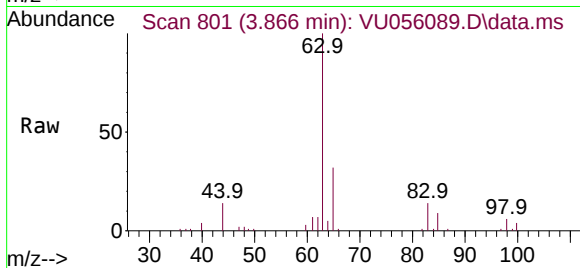
Tgt Ion: 63 Resp: 44958

Ion Ratio Lower Upper

63 100

65 31.8 20.6 38.2

83 14.1 9.6 17.8



#21

2-Butanone

Concen: 8.456 ug/L

RT: 4.714 min Scan# 1065

Delta R.T. 0.016 min

Lab File: VU056089.D

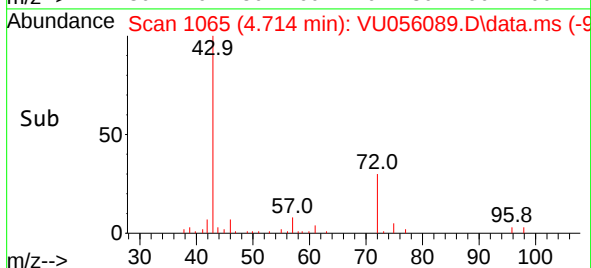
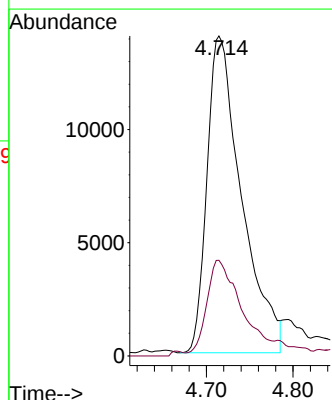
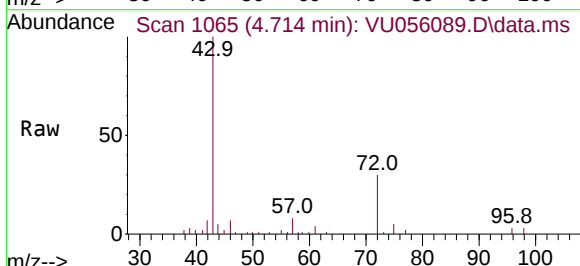
Acq: 07 Nov 2023 09:21

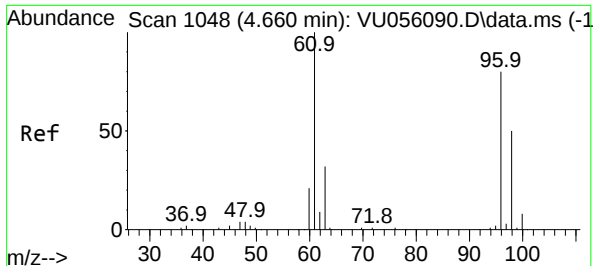
Tgt Ion: 43 Resp: 38846

Ion Ratio Lower Upper

43 100

72 28.7 15.7 47.0





#22

cis-1,2-Dichloroethene

Concen: 0.970 ug/L

RT: 4.669 min Scan# 110

Delta R.T. 0.010 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

Instrument :

MSVOA_U

ClientSampleId :

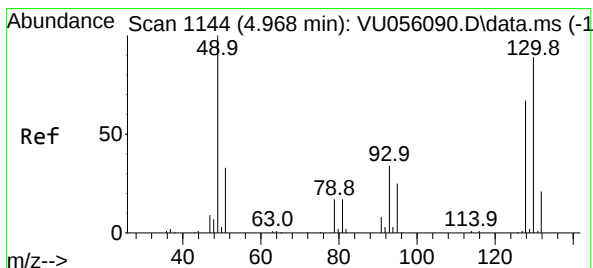
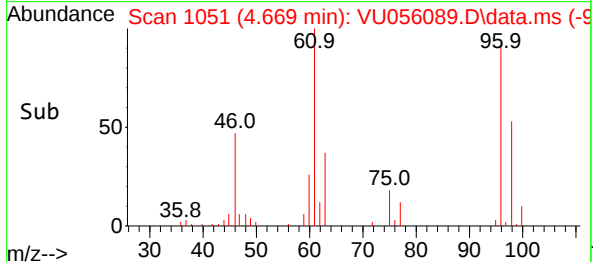
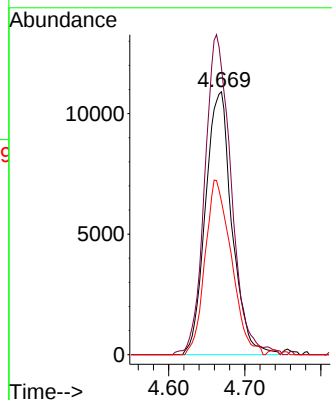
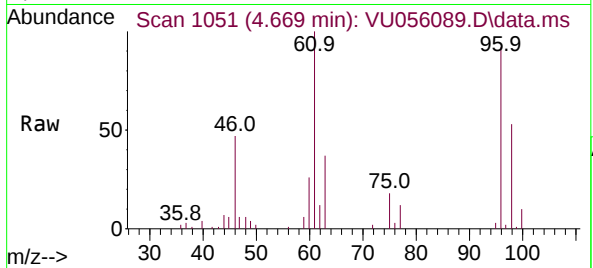
Tgt Ion: 96 Resp: 26462

Ion Ratio Lower Upper

96 100

61 109.1 87.8 163.2

98 58.3 43.5 80.7



#23

Bromochloromethane

Concen: 0.971 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

Tgt Ion: 128 Resp: 11747

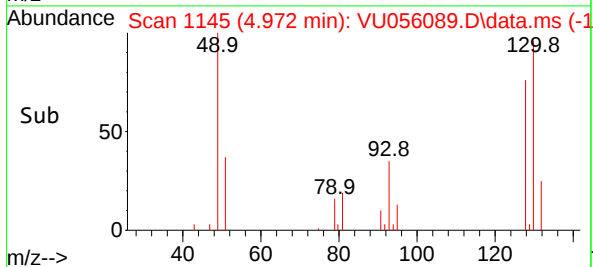
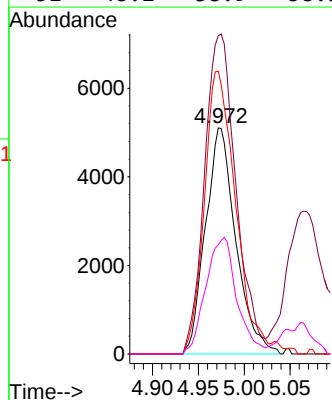
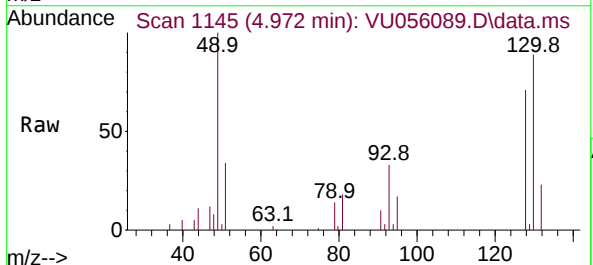
Ion Ratio Lower Upper

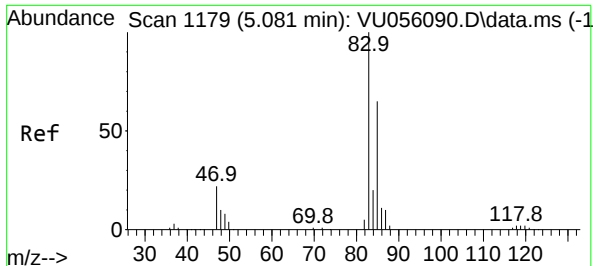
128 100

49 140.8 103.7 192.7

130 125.1 91.8 170.6

51 48.2 38.9 58.3





#25

Chloroform

Concen: 0.965 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

Instrument :

MSVOA_U

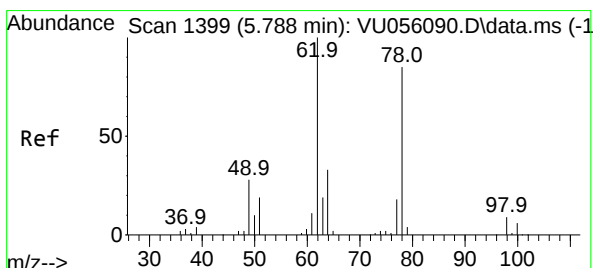
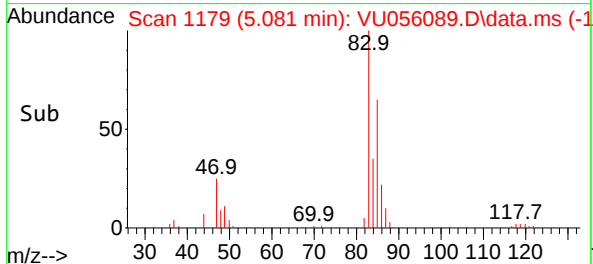
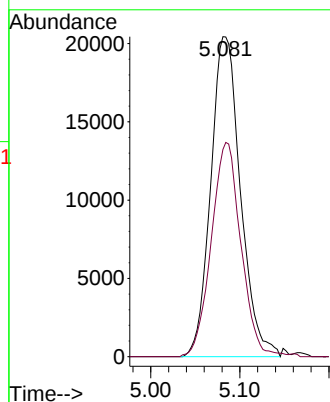
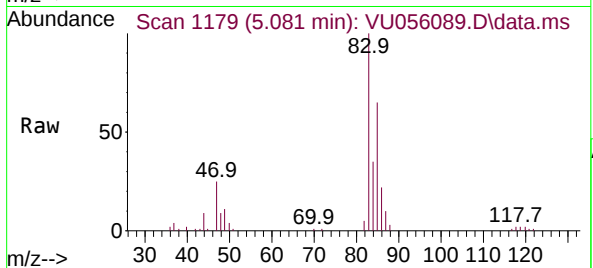
ClientSampleId :

Tgt Ion: 83 Resp: 47396

Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1



#27

1,2-Dichloroethane

Concen: 0.980 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU056089.D

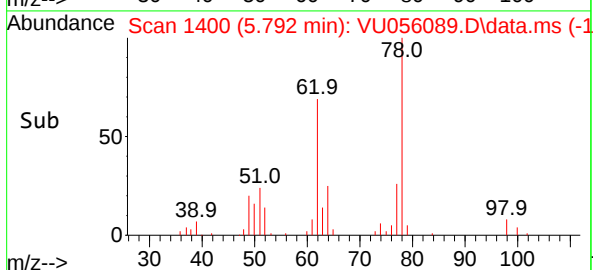
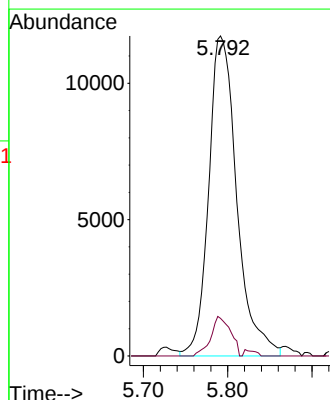
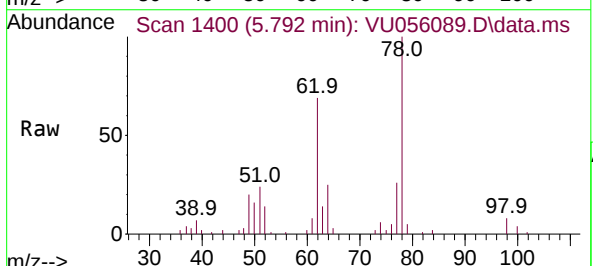
Acq: 07 Nov 2023 09:21

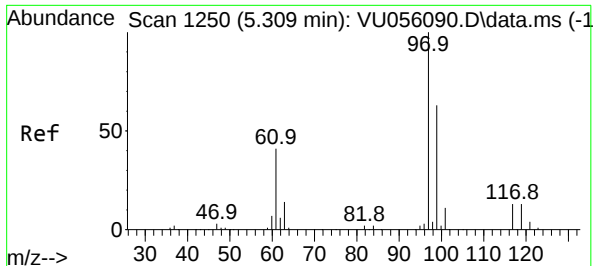
Tgt Ion: 62 Resp: 27229

Ion Ratio Lower Upper

62 100

98 11.8 7.1 10.7#





#29

1,1,1-Trichloroethane

Concen: 0.952 ug/L

RT: 5.312 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

Instrument :

MSVOA_U

ClientSampleId :

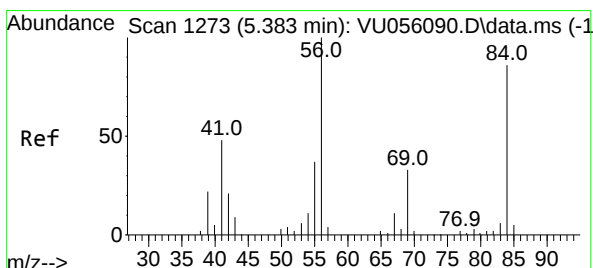
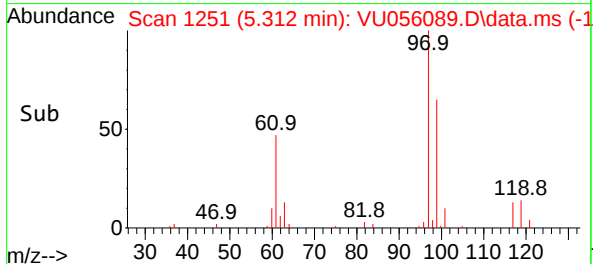
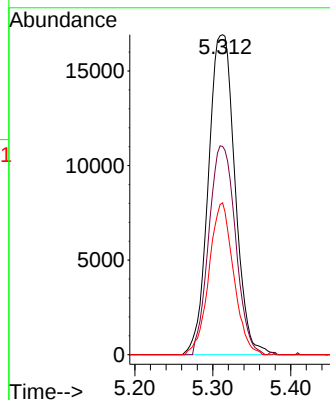
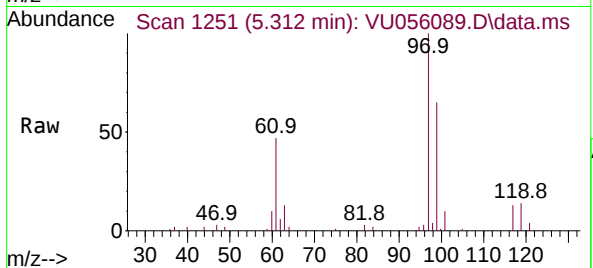
Tgt Ion: 97 Resp: 40134

Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

61 44.0 33.4 50.0



#30

Cyclohexane

Concen: 0.908 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

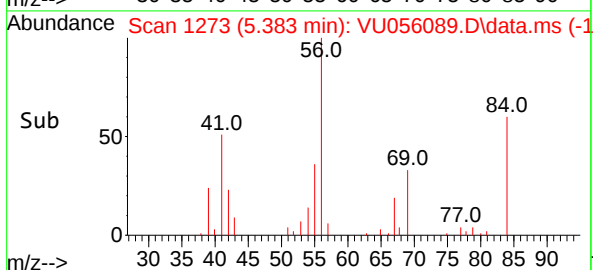
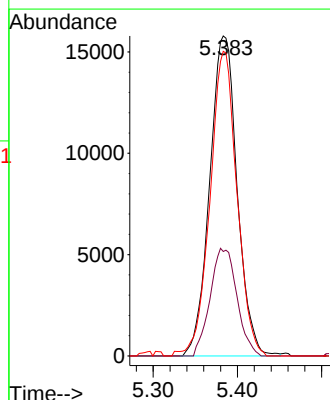
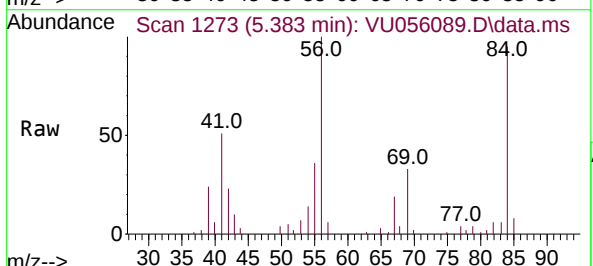
Tgt Ion: 56 Resp: 35745

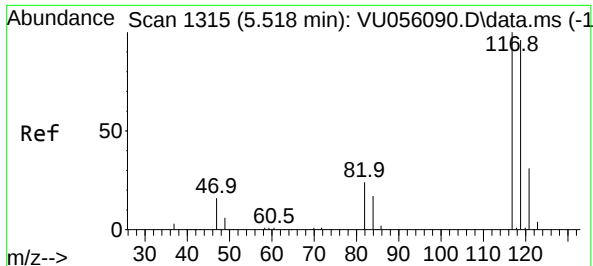
Ion Ratio Lower Upper

56 100

69 32.7 26.6 39.8

84 93.2 70.4 105.6

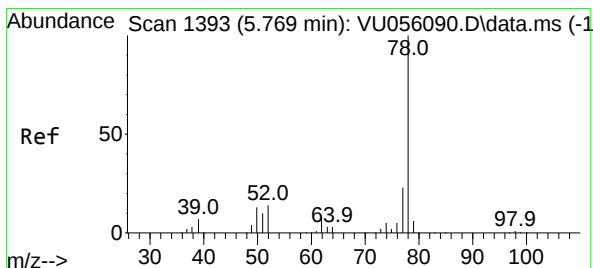
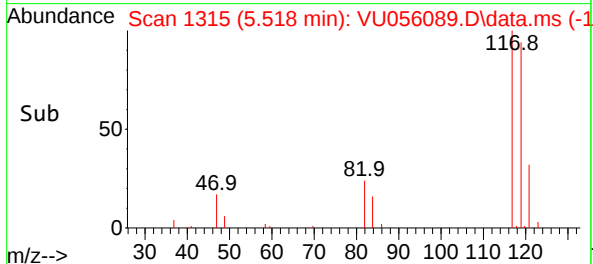
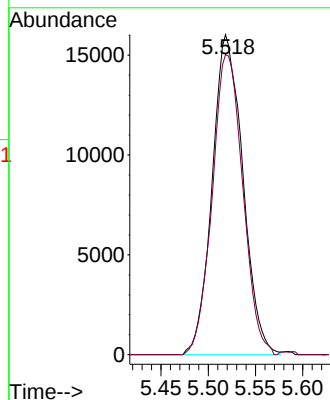
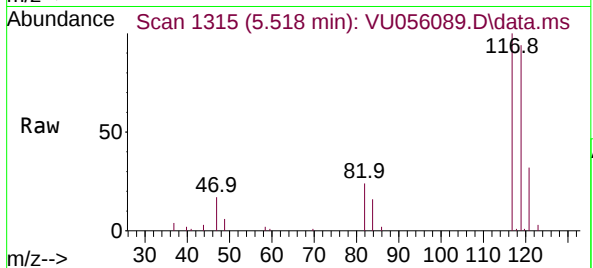




#31
Carbon tetrachloride
Concen: 0.962 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

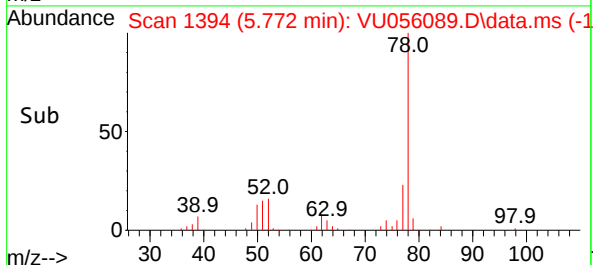
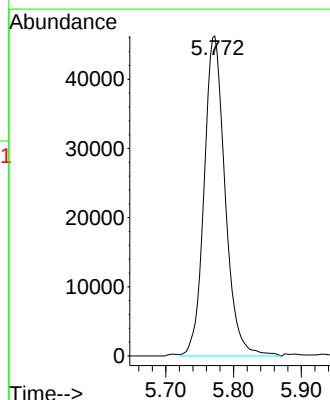
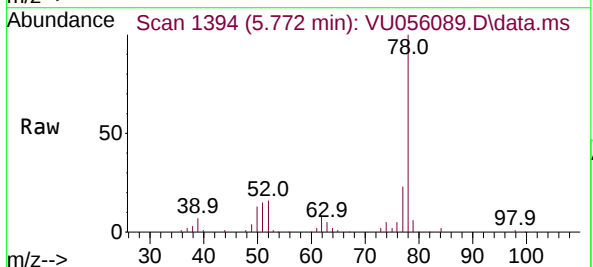
Instrument :
MSVOA_U
ClientSampleId :

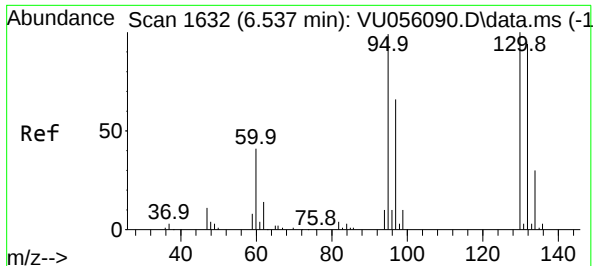
Tgt Ion:117 Resp: 36025
Ion Ratio Lower Upper
117 100
119 93.6 77.2 115.8



#33
Benzene
Concen: 0.945 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

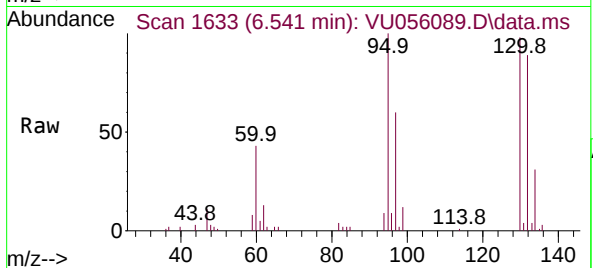
Tgt Ion: 78 Resp: 99528





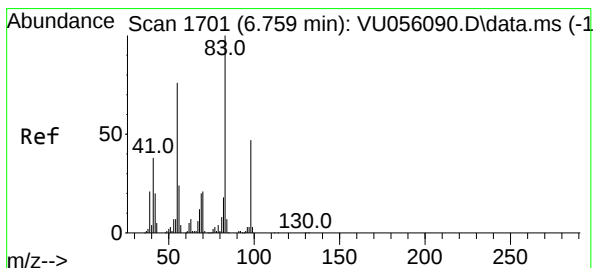
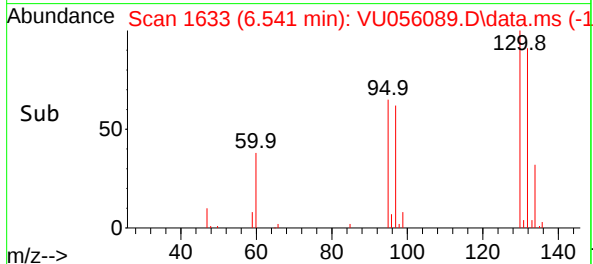
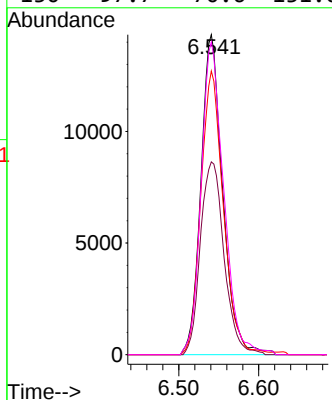
#34
Trichloroethene
Concen: 0.947 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 27247

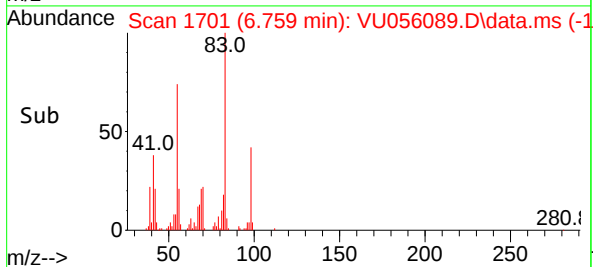
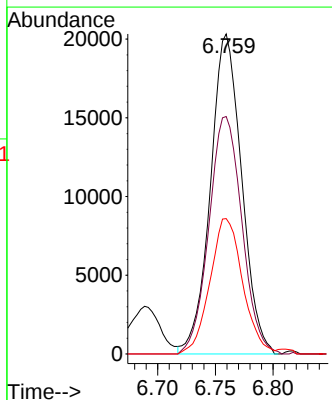
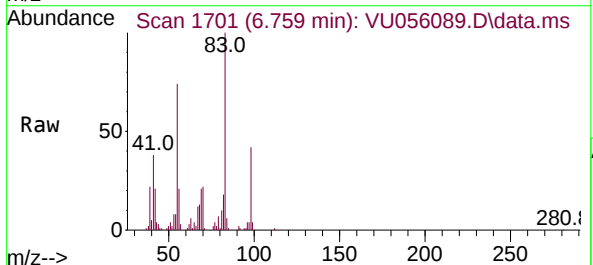
Ion	Ratio	Lower	Upper
95	100		
97	60.3	46.8	87.0
132	88.7	66.5	123.5
130	97.7	70.6	131.0

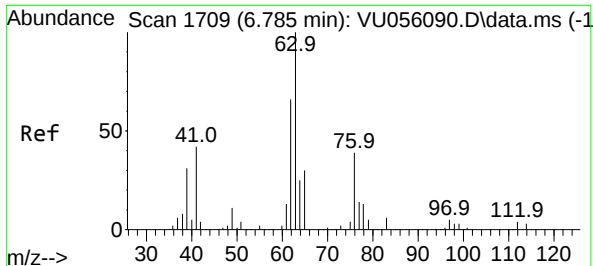


#35
Methylcyclohexane
Concen: 0.895 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

Tgt Ion: 83 Resp: 38274

Ion	Ratio	Lower	Upper
83	100		
55	78.4	60.6	91.0
98	44.3	36.2	54.4





#37

1,2-Dichloropropane

Concen: 0.997 ug/L

RT: 6.788 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

Instrument :

MSVOA_U

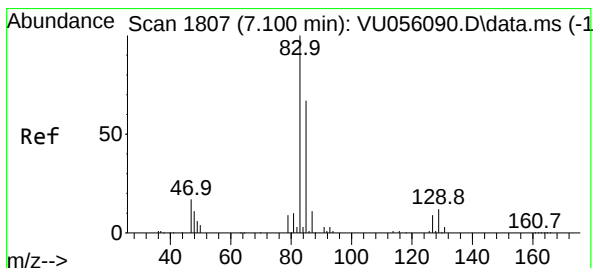
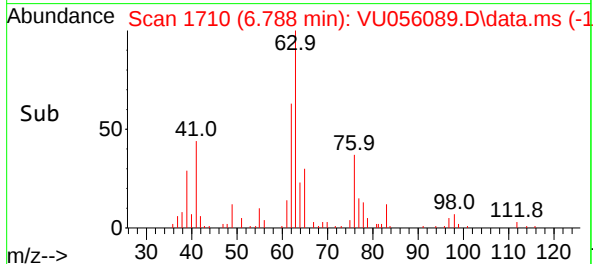
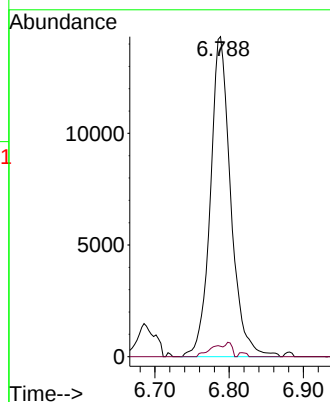
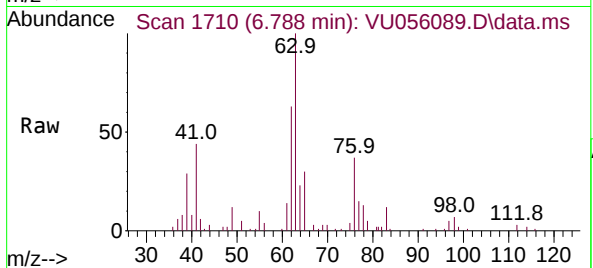
ClientSampleId :

Tgt Ion: 63 Resp: 27316

Ion Ratio Lower Upper

63 100

112 2.6 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.936 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

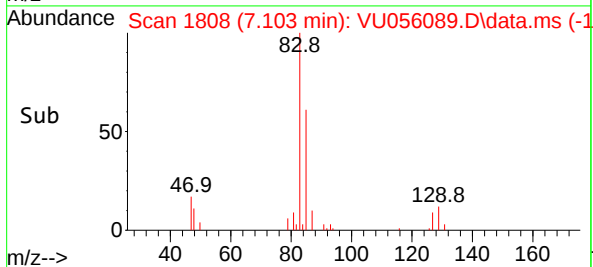
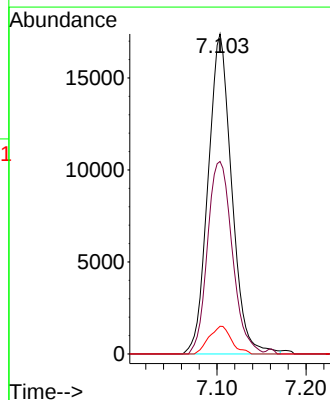
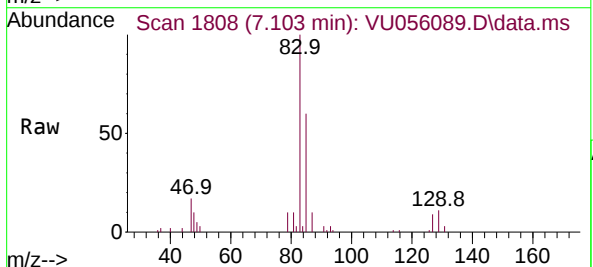
Tgt Ion: 83 Resp: 32029

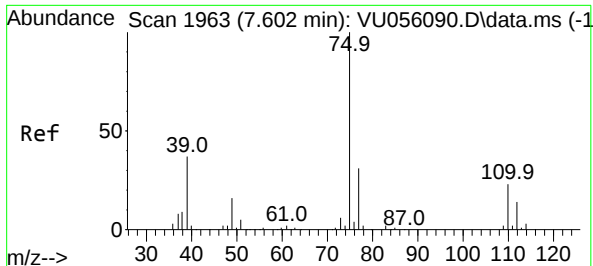
Ion Ratio Lower Upper

83 100

85 60.1 46.6 86.6

127 8.7 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 0.860 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.003 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

Instrument :

MSVOA_U

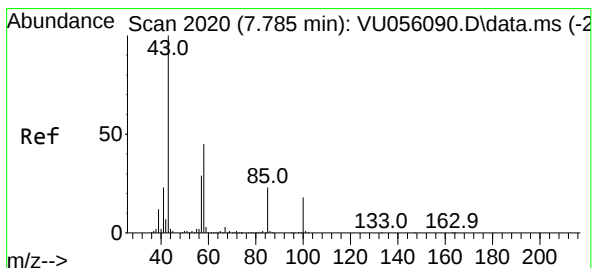
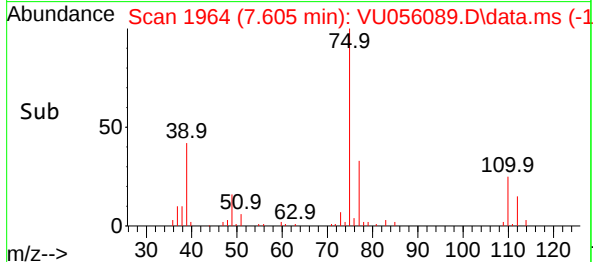
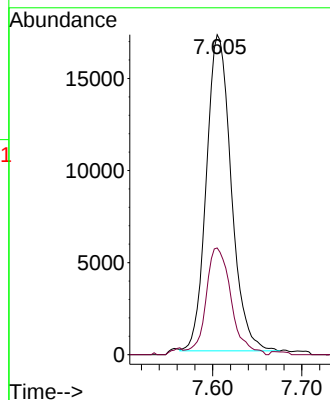
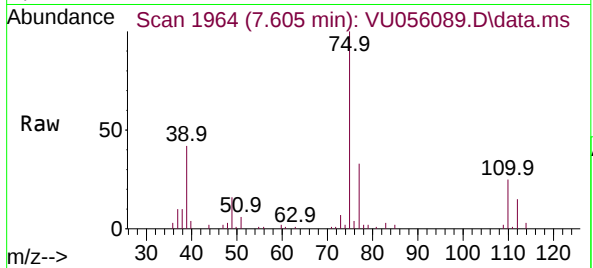
ClientSampleId :

Tgt Ion: 75 Resp: 33270

Ion Ratio Lower Upper

75 100

77 33.4 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 8.852 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

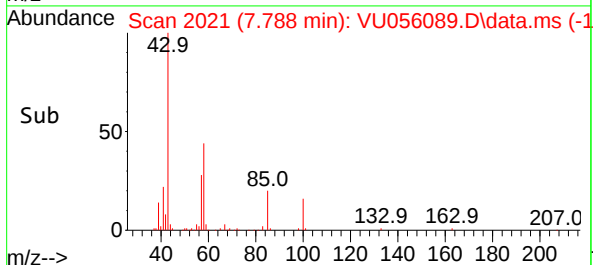
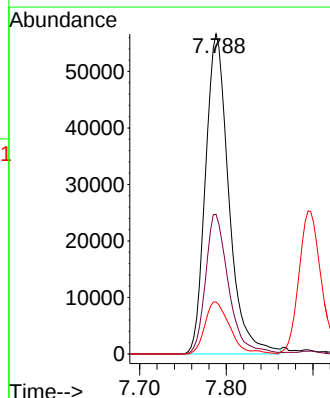
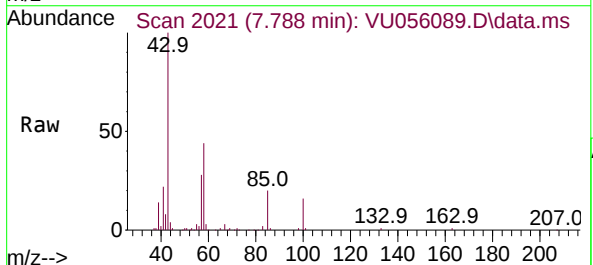
Tgt Ion: 43 Resp: 106089

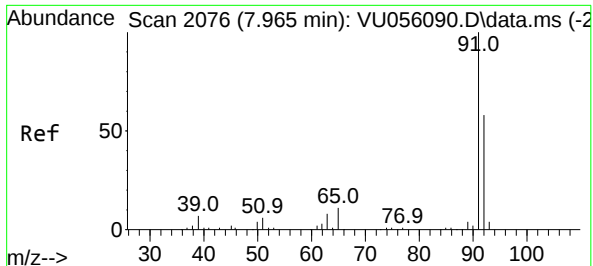
Ion Ratio Lower Upper

43 100

58 43.1 36.0 54.0

100 16.8 14.2 21.4





#42

Toluene

Concen: 0.913 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

Instrument :

MSVOA_U

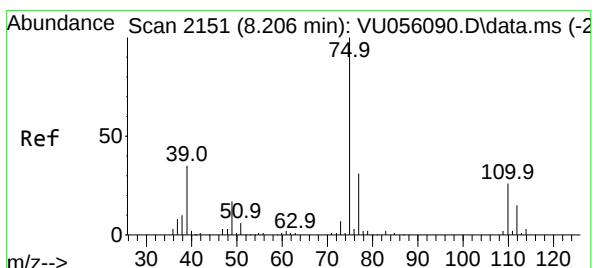
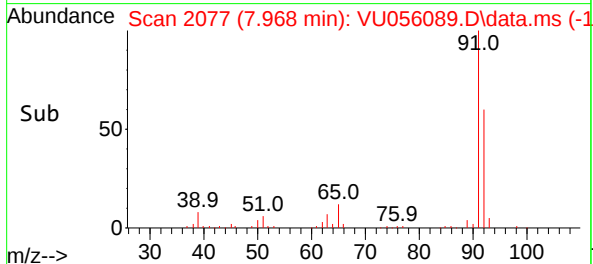
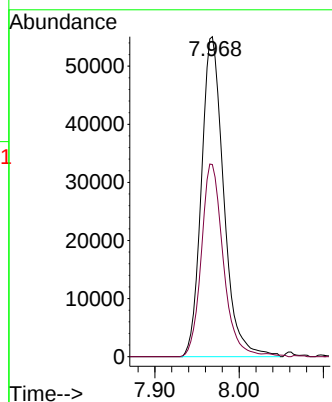
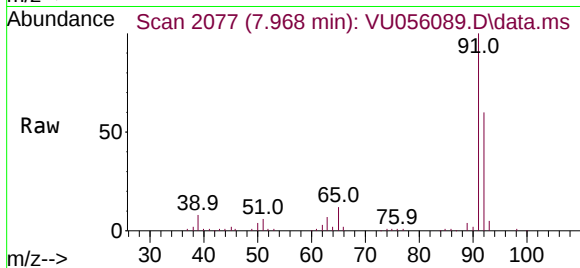
ClientSampleId :

Tgt Ion: 91 Resp: 101418

Ion Ratio Lower Upper

91 100

92 60.1 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 0.897 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU056089.D

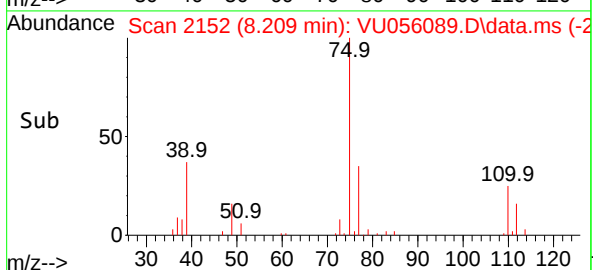
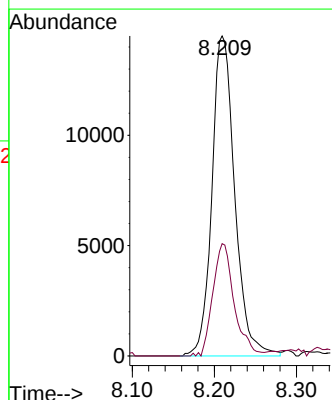
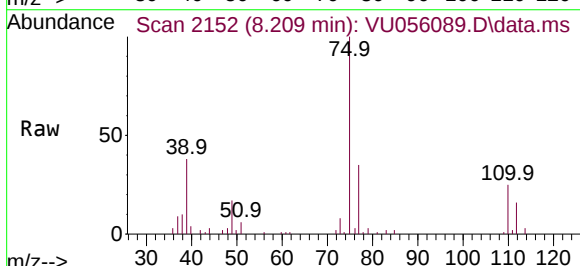
Acq: 07 Nov 2023 09:21

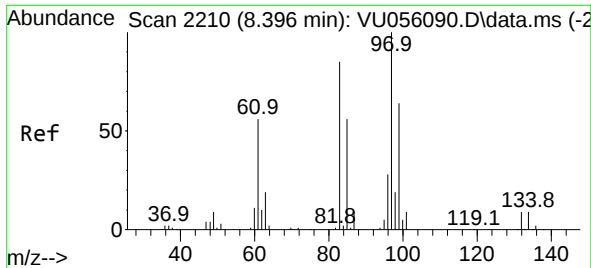
Tgt Ion: 75 Resp: 28090

Ion Ratio Lower Upper

75 100

77 35.1 21.7 40.3

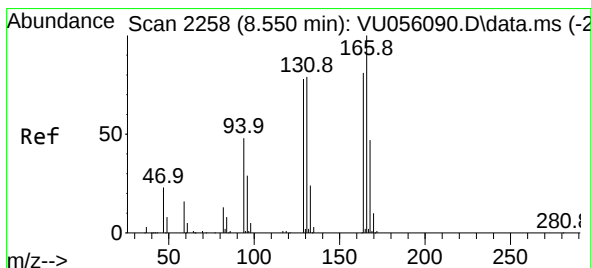
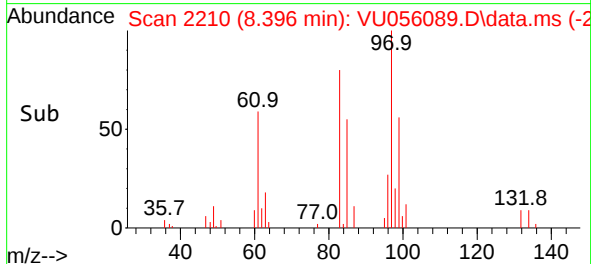
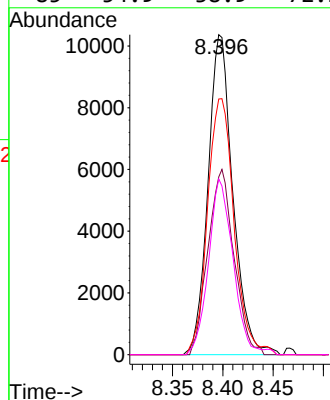
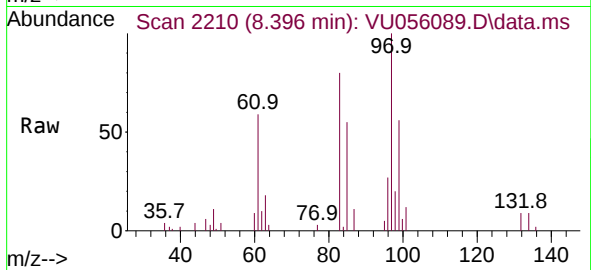




#45
1,1,2-Trichloroethane
Concen: 0.952 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

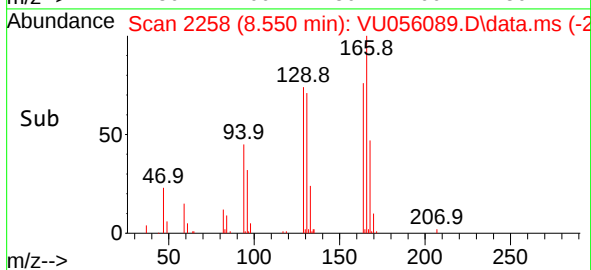
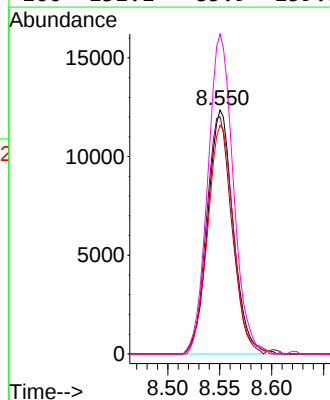
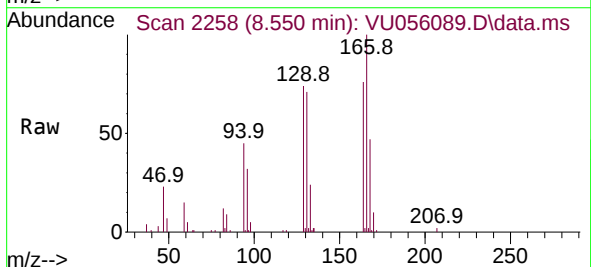
Instrument :
MSVOA_U
ClientSampleId :

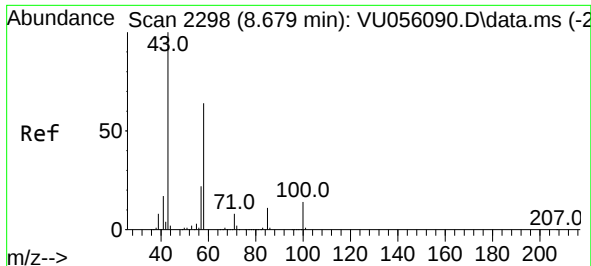
Tgt Ion:	97	Resp:	17836
Ion	Ratio	Lower	Upper
97	100		
99	55.6	44.7	82.9
83	79.9	59.4	110.2
85	54.9	38.9	72.2



#47
Tetrachloroethene
Concen: 0.976 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

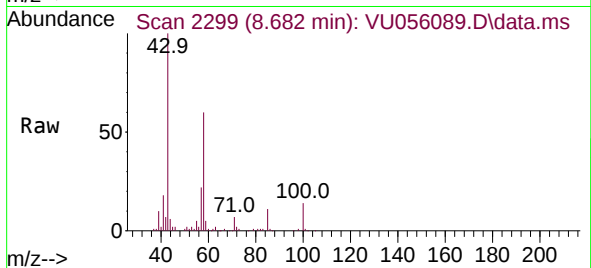
Tgt Ion:	164	Resp:	21074
Ion	Ratio	Lower	Upper
164	100		
129	97.2	66.6	123.8
131	93.7	67.8	126.0
166	131.1	85.9	159.5



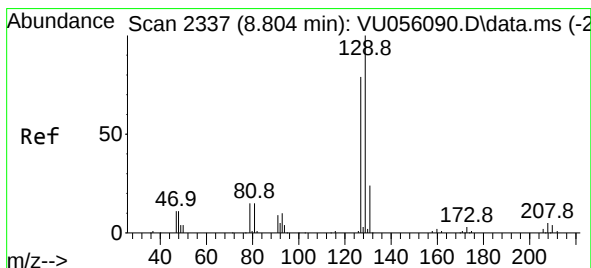
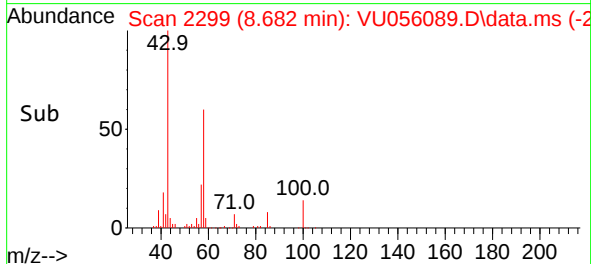
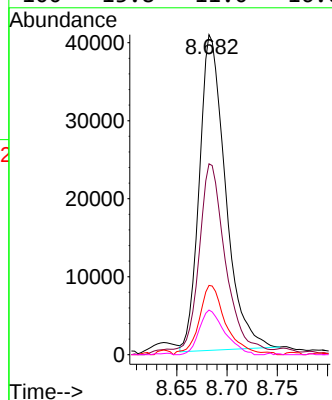


#48
2-Hexanone
Concen: 8.523 ug/L
RT: 8.682 min Scan# 2298
Delta R.T. 0.003 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

Instrument :
MSVOA_U
ClientSampleId :

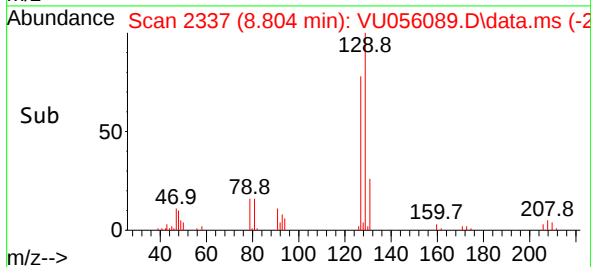
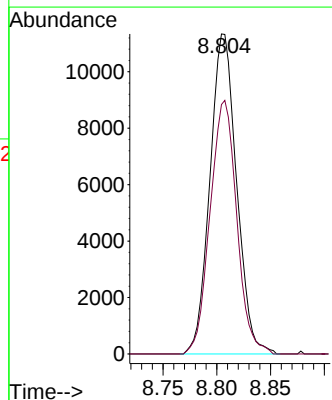
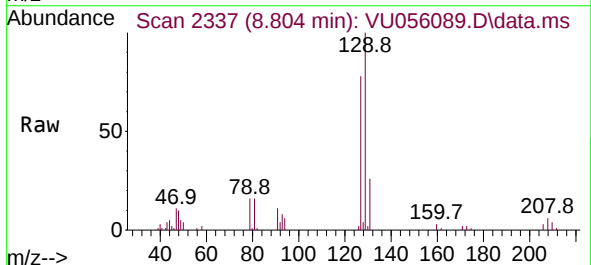


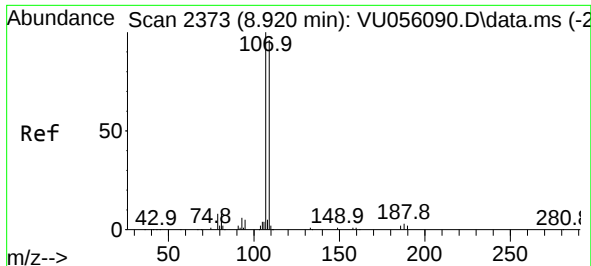
Tgt Ion: 43 Resp: 73073
Ion Ratio Lower Upper
43 100
58 63.3 52.0 78.0
57 22.0 17.4 26.2
100 13.8 11.0 16.6



#49
Dibromochloromethane
Concen: 0.911 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

Tgt Ion: 129 Resp: 19588
Ion Ratio Lower Upper
129 100
127 77.9 55.4 102.8





#50

1,2-Dibromoethane

Concen: 0.924 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

Instrument :

MSVOA_U

ClientSampleId :

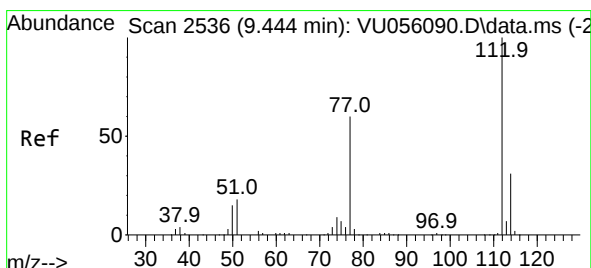
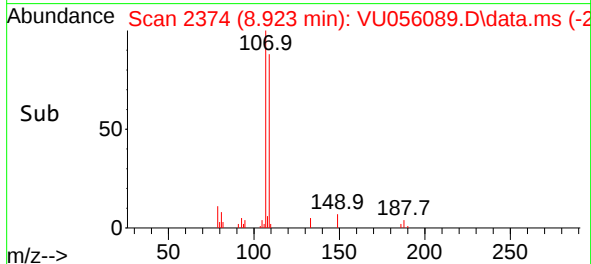
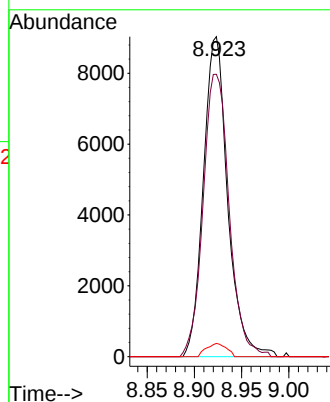
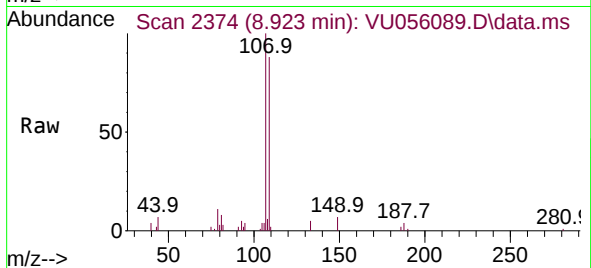
Tgt Ion:107 Resp: 16169

Ion Ratio Lower Upper

107 100

109 88.2 66.9 124.3

188 4.1 2.5 3.7#



#51

Chlorobenzene

Concen: 0.970 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

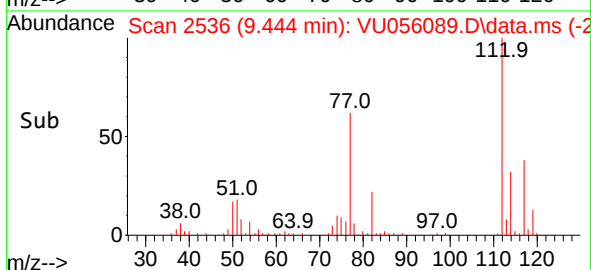
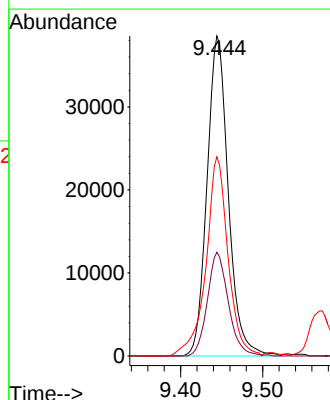
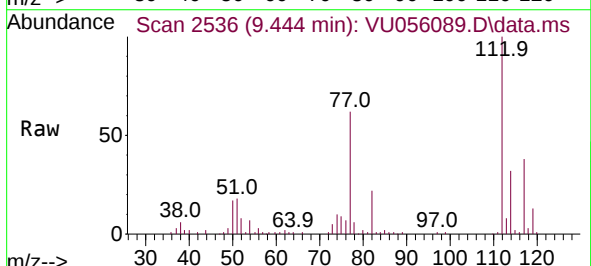
Tgt Ion:112 Resp: 69475

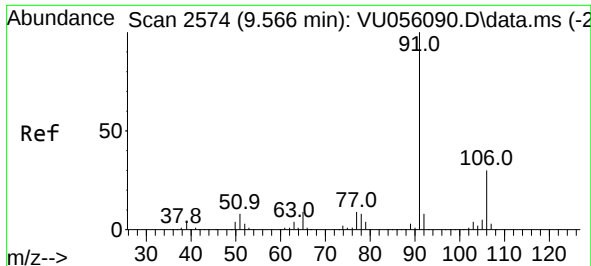
Ion Ratio Lower Upper

112 100

114 32.4 21.8 40.4

77 62.3 48.2 72.4





#52

Ethylbenzene

Concen: 0.905 ug/L

RT: 9.569 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

Instrument :

MSVOA_U

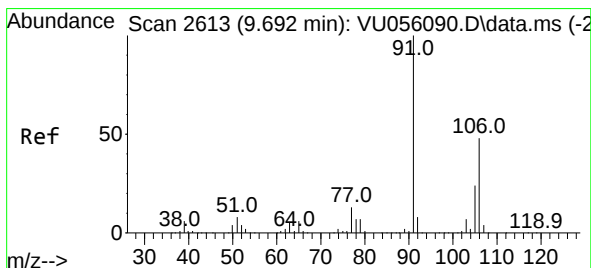
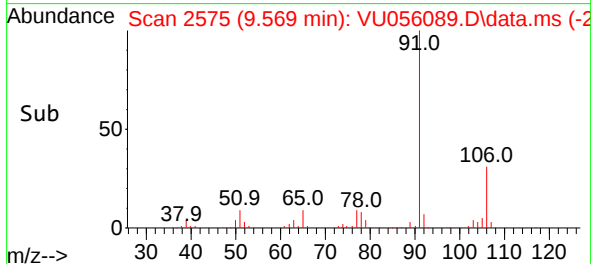
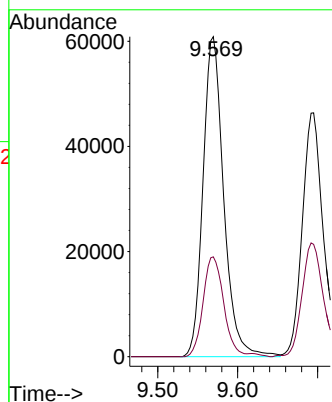
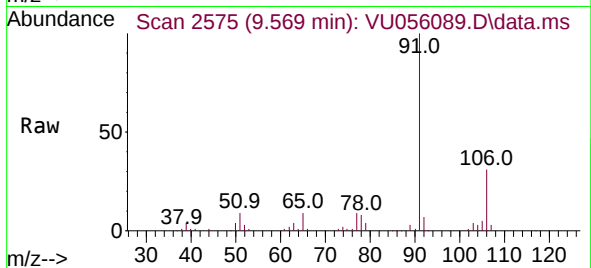
ClientSampleId :

Tgt Ion: 91 Resp: 109547

Ion Ratio Lower Upper

91 100

106 31.2 21.2 39.4



#53

m,p-Xylene

Concen: 0.899 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.000 min

Lab File: VU056089.D

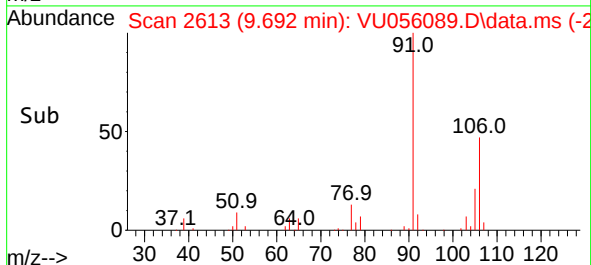
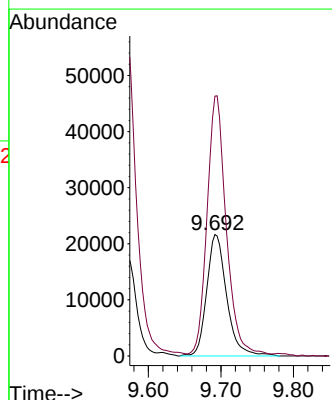
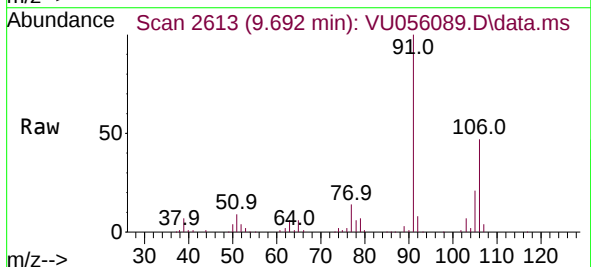
Acq: 07 Nov 2023 09:21

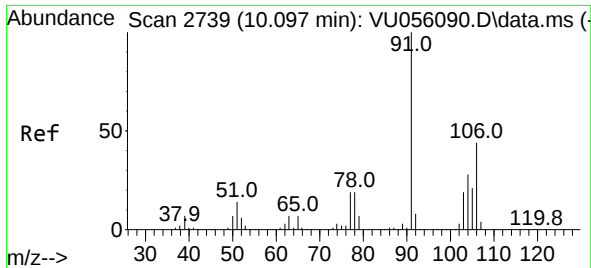
Tgt Ion:106 Resp: 41374

Ion Ratio Lower Upper

106 100

91 213.9 144.9 269.1

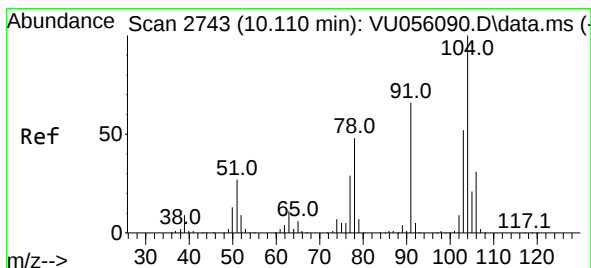
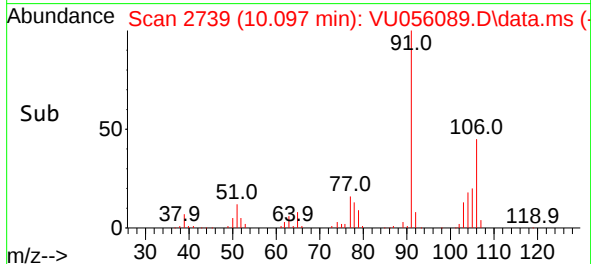
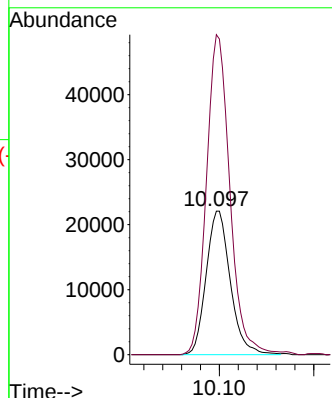
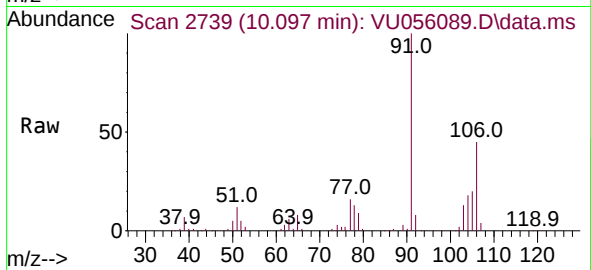




#54
o-Xylene
Concen: 0.888 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

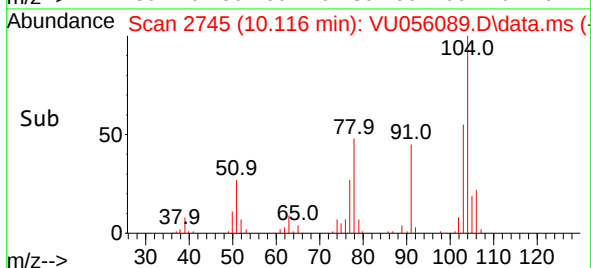
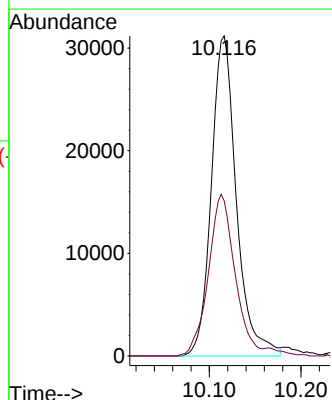
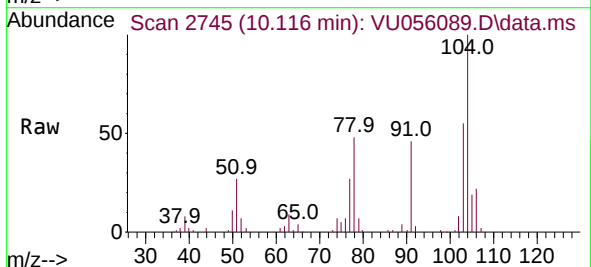
Instrument :
MSVOA_U
ClientSampleId :

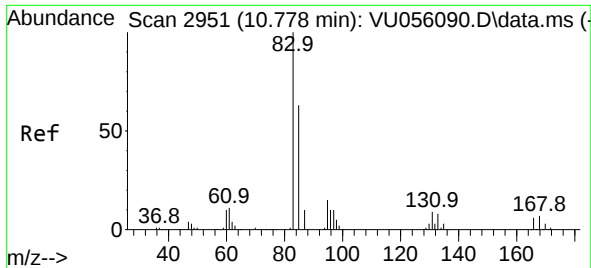
Tgt Ion:106 Resp: 39191
Ion Ratio Lower Upper
106 100
91 222.9 158.2 293.8



#55
Styrene
Concen: 0.819 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

Tgt Ion:104 Resp: 59142
Ion Ratio Lower Upper
104 100
78 48.5 33.5 62.3

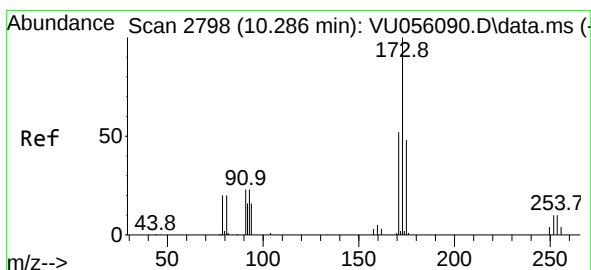
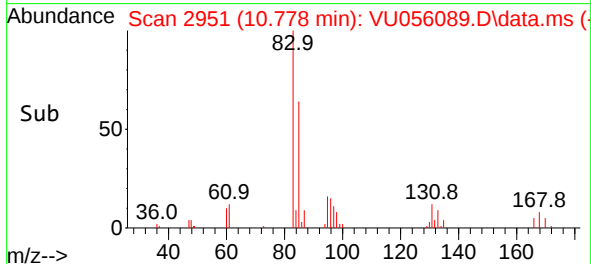
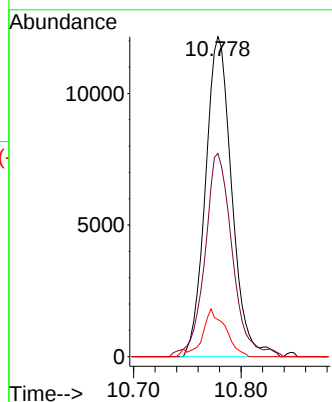
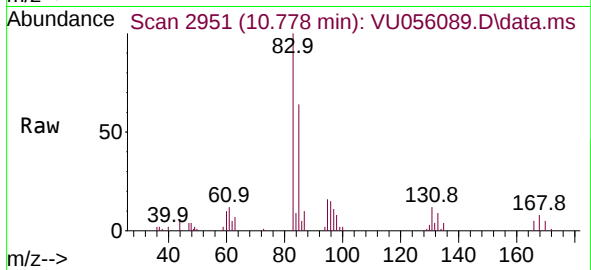




#57
1,1,2,2-Tetrachloroethane
Concen: 0.938 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

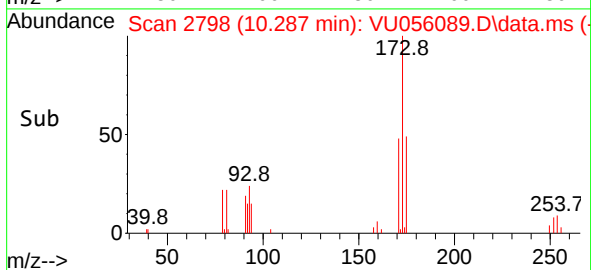
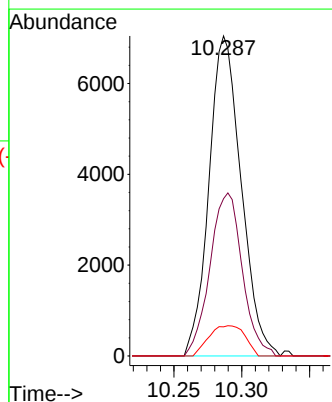
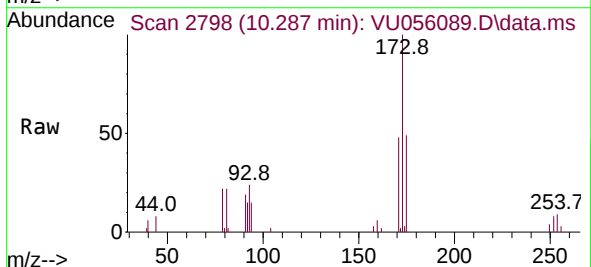
Instrument :
MSVOA_U
ClientSampleId :

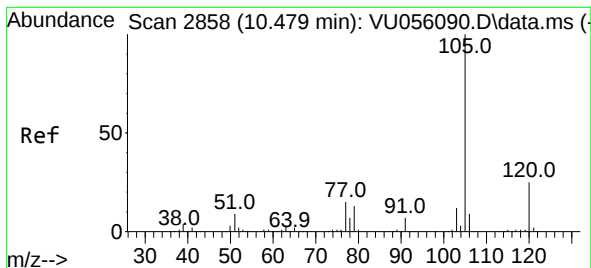
Tgt Ion: 83 Resp: 20650
Ion Ratio Lower Upper
83 100
85 63.5 44.0 81.8
131 11.6 7.4 11.2#



#59
Bromoform
Concen: 0.989 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

Tgt Ion:173 Resp: 11607
Ion Ratio Lower Upper
173 100
175 51.2 39.0 58.4
254 10.6 8.2 12.2





#60

Isopropylbenzene

Concen: 0.949 ug/L

RT: 10.483 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

Instrument :

MSVOA_U

ClientSampleId :

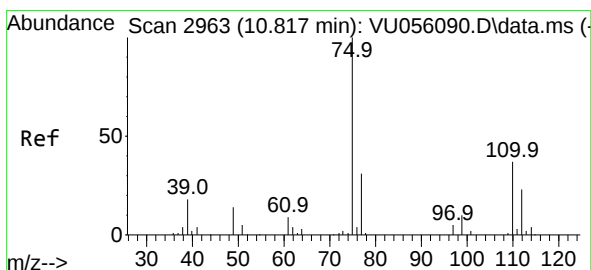
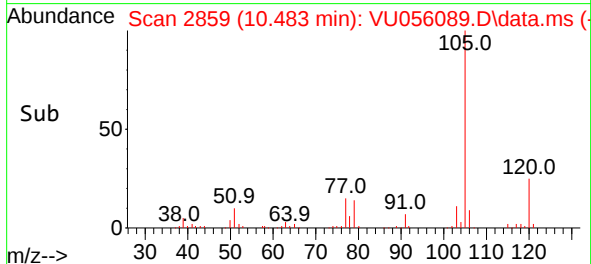
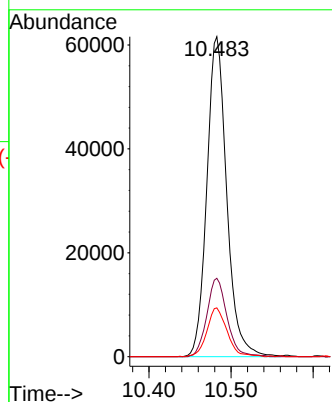
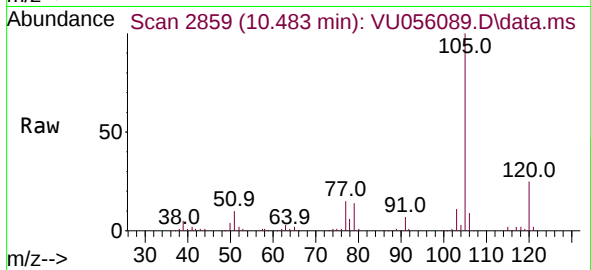
Tgt Ion:105 Resp: 103932

Ion Ratio Lower Upper

105 100

120 24.8 20.6 30.8

77 15.5 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 1.004 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.003 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

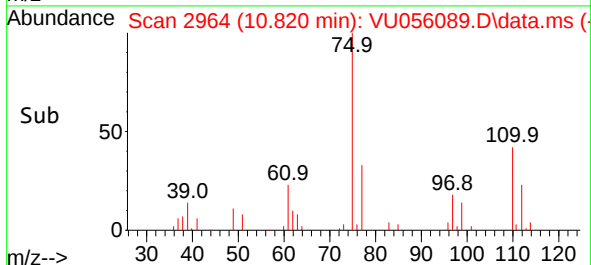
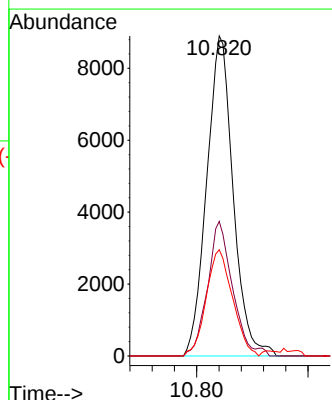
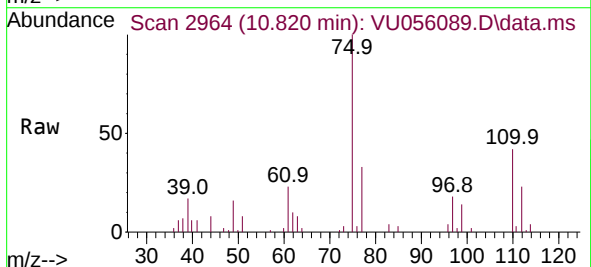
Tgt Ion: 75 Resp: 14642

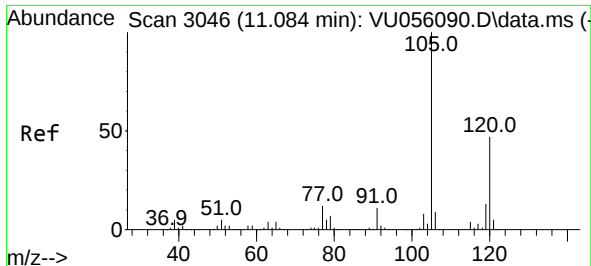
Ion Ratio Lower Upper

75 100

110 39.8 29.7 44.5

77 33.1 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 0.903 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

Instrument :

MSVOA_U

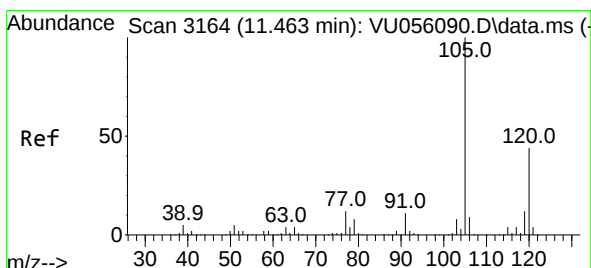
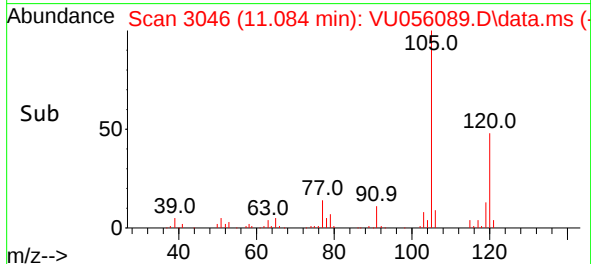
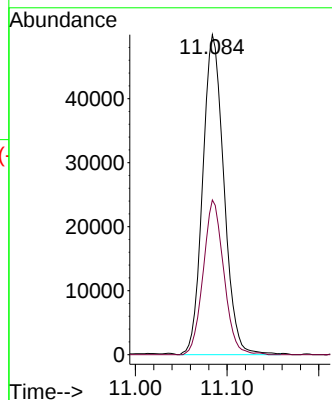
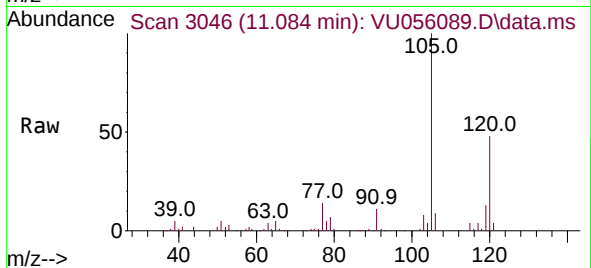
ClientSampleId :

Tgt Ion:105 Resp: 80240

Ion Ratio Lower Upper

105 100

120 46.8 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 0.880 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU056089.D

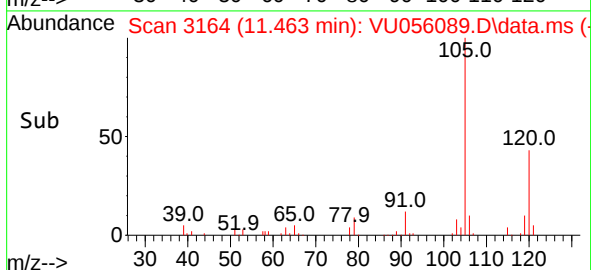
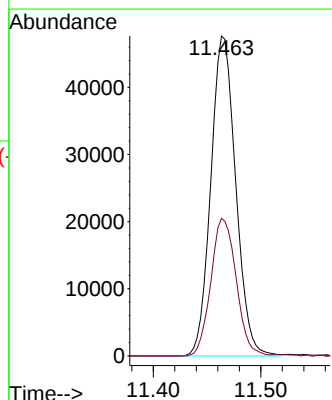
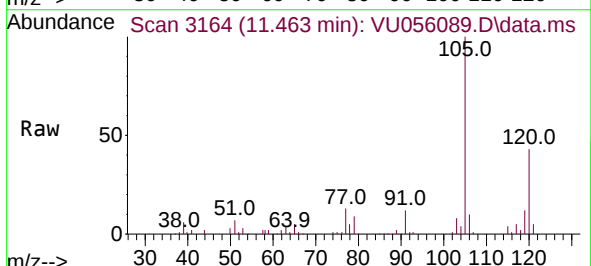
Acq: 07 Nov 2023 09:21

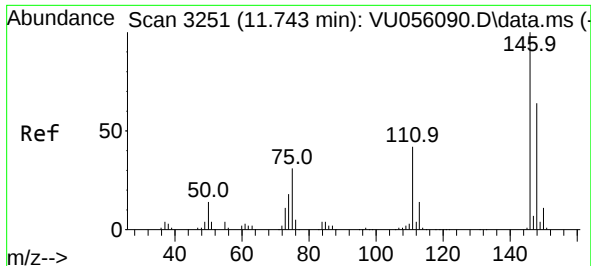
Tgt Ion:105 Resp: 76655

Ion Ratio Lower Upper

105 100

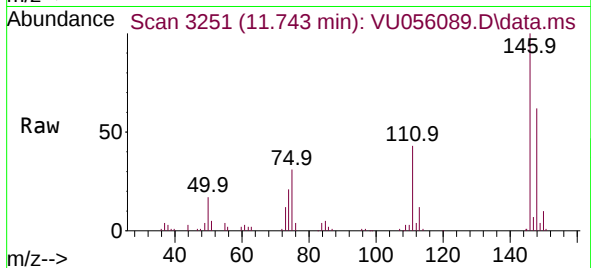
120 43.7 35.4 53.0



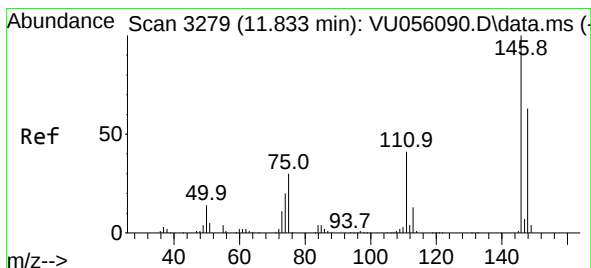
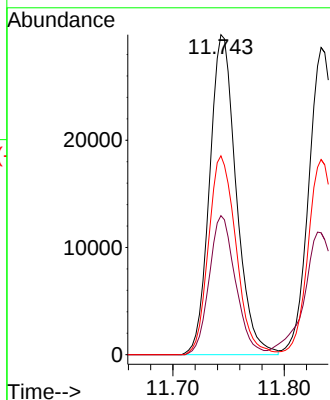
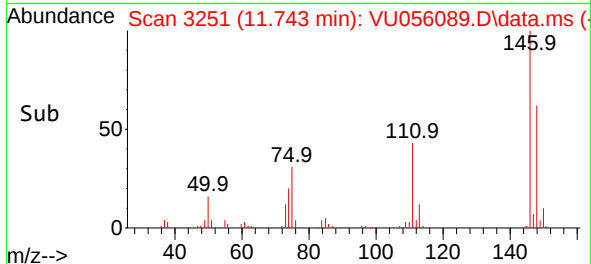


#64
1,3-Dichlorobenzene
Concen: 0.955 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

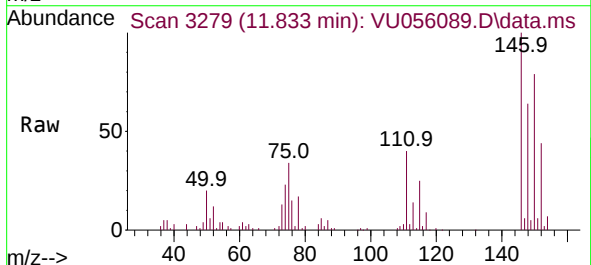
Instrument :
MSVOA_U
ClientSampleId :



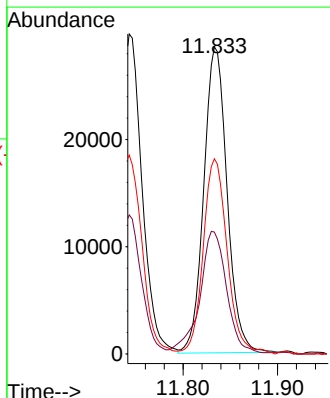
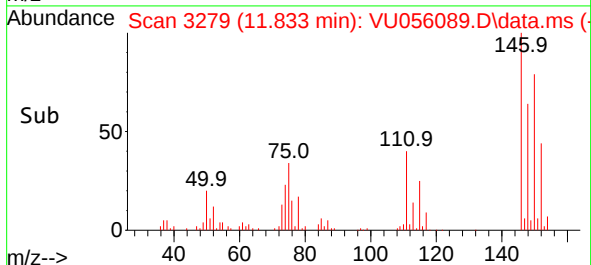
Tgt Ion:146 Resp: 49562
Ion Ratio Lower Upper
146 100
111 43.5 29.7 55.1
148 62.2 44.7 83.1

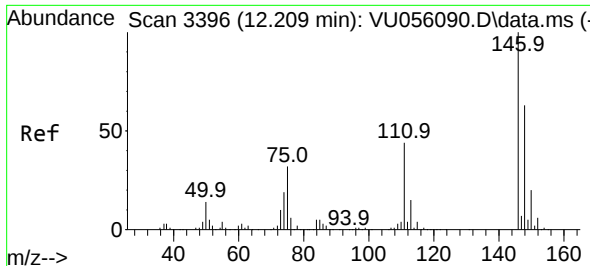


#65
1,4-Dichlorobenzene
Concen: 0.952 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21



Tgt Ion:146 Resp: 48844
Ion Ratio Lower Upper
146 100
111 39.7 29.0 53.8
148 63.5 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 0.992 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

Instrument :

MSVOA_U

ClientSampleId :

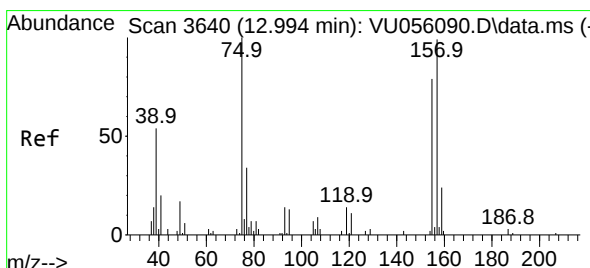
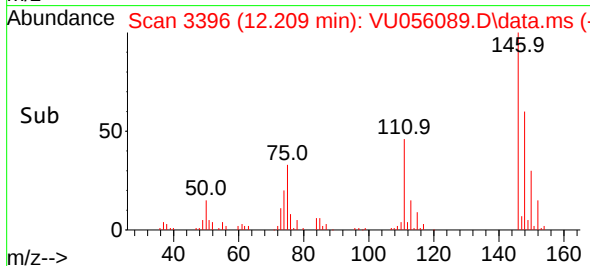
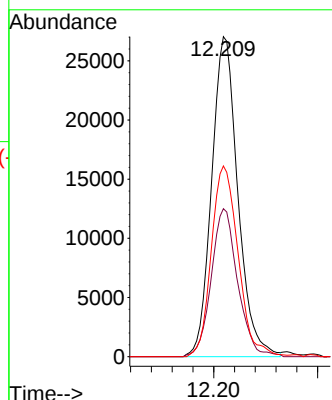
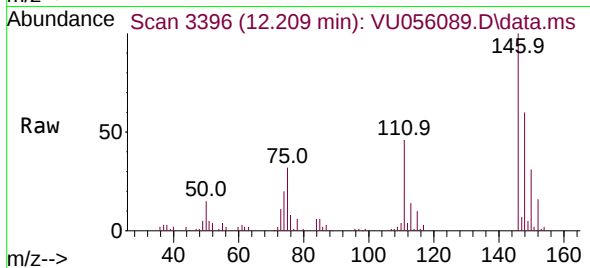
Tgt Ion:146 Resp: 47428

Ion Ratio Lower Upper

146 100

111 46.2 35.2 52.8

148 59.6 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.977 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU056089.D

Acq: 07 Nov 2023 09:21

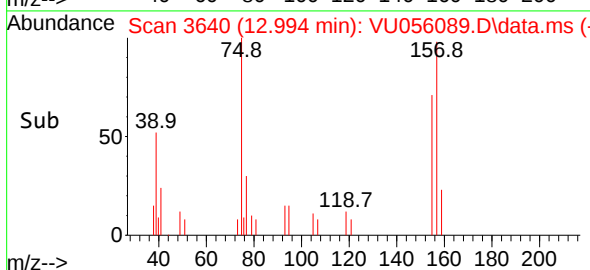
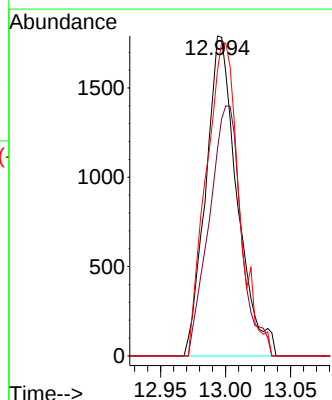
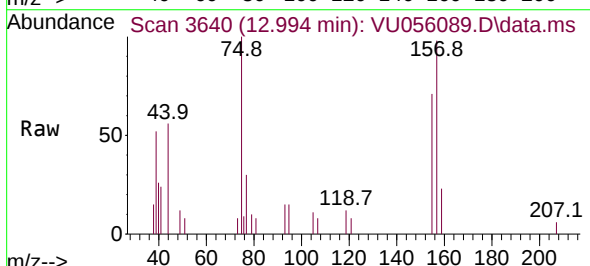
Tgt Ion: 75 Resp: 3006

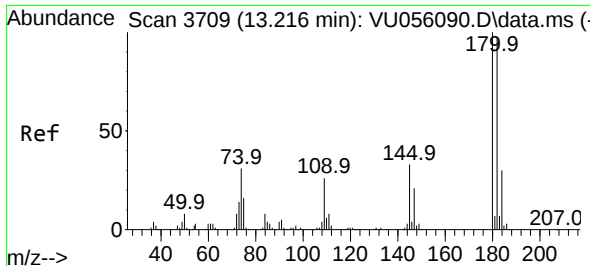
Ion Ratio Lower Upper

75 100

155 64.7 63.3 94.9

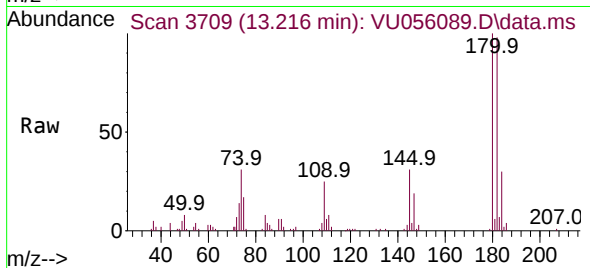
157 89.2 79.1 118.7



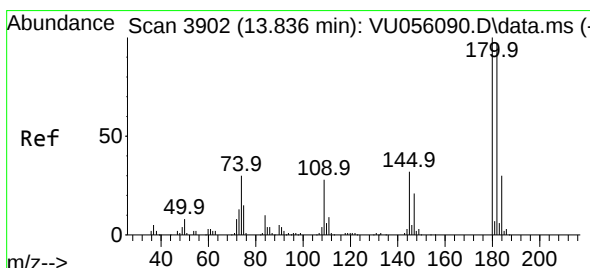
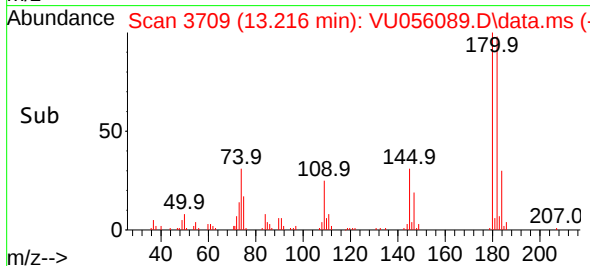
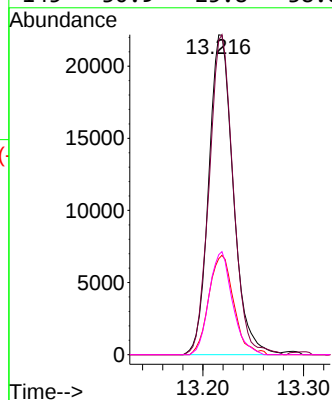


#69
 1,3,5-Trichlorobenzene
 Concen: 0.965 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: VU056089.D
 Acq: 07 Nov 2023 09:21

Instrument :
 MSVOA_U
 ClientSampleId :

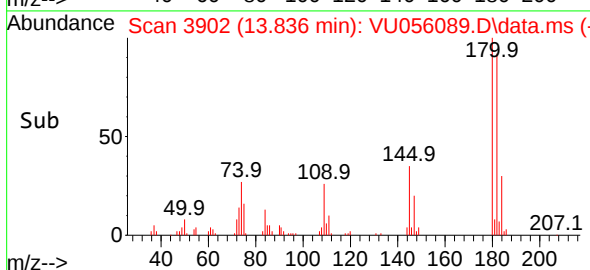
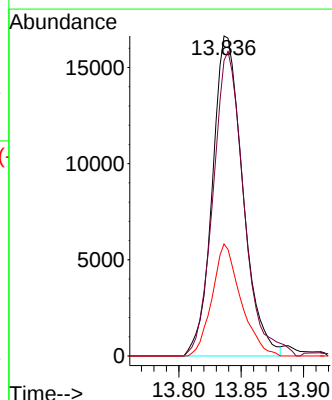
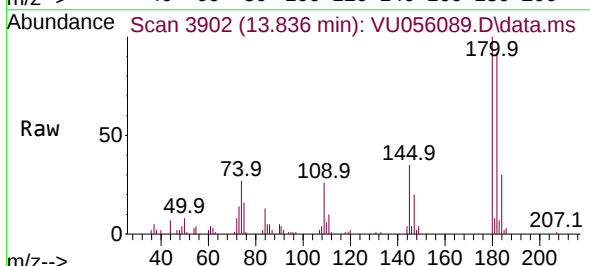


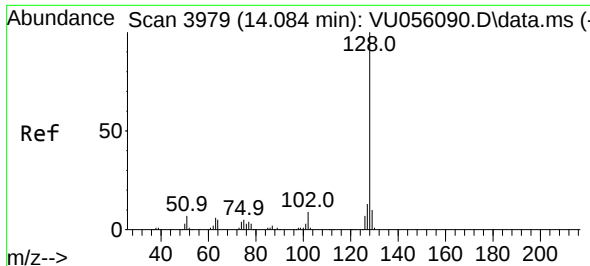
Tgt Ion:180 Resp: 37479
 Ion Ratio Lower Upper
 180 100
 182 97.9 76.0 114.0
 184 31.7 24.0 36.0
 145 30.9 25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 0.915 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU056089.D
 Acq: 07 Nov 2023 09:21

Tgt Ion:180 Resp: 28219
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.4 116.2
 145 33.1 25.9 38.9

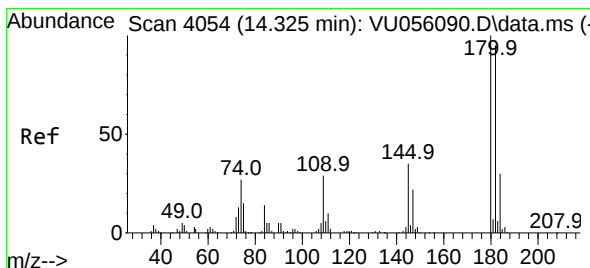
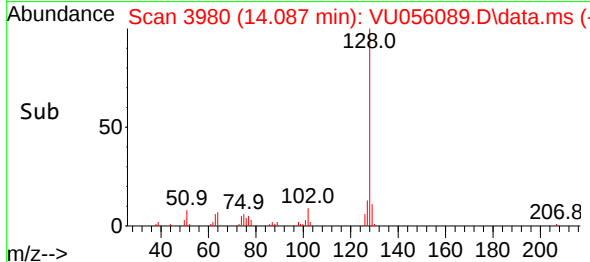
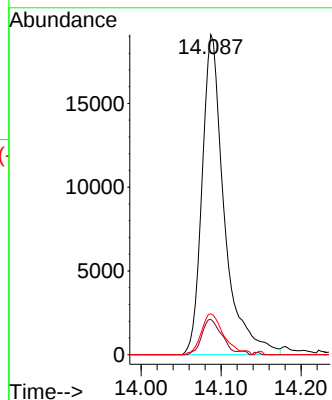
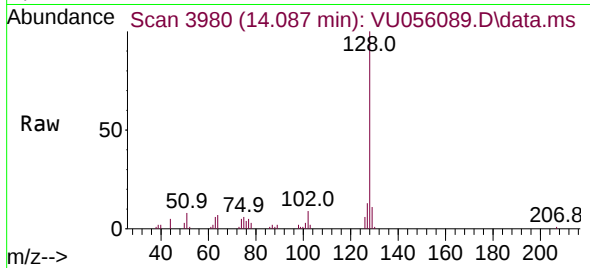




#71
Naphthalene
Concen: 0.823 ug/L
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 36962
Ion Ratio Lower Upper
128 100
129 9.9 8.4 12.6
127 13.0 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 0.905 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU056089.D
Acq: 07 Nov 2023 09:21

Tgt Ion:180 Resp: 24471
Ion Ratio Lower Upper
180 100
182 95.5 76.6 115.0
145 32.7 28.0 42.0

