

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072224\
 Data File : VU060096.D
 Acq On : 22 Jul 2024 16:21
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 23 06:39:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	116864	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	121769	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64556	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30875	3.797	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.907	69	31638	4.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.560	65	12329	3.884	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.621	46	105343	55.415	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.840%
24) Chloroform-d	5.055	84	81320	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.698	65	40507	5.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.721	84	148326	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.685	67	48612	4.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.894	98	136494	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.177	79	16293	4.604	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.627	63	85126	54.208	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.420%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49530	5.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	56266	4.829	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	40770	4.614	ug/L	97
3) Chloromethane	1.518	50	51157	4.793	ug/L	98
5) Vinyl chloride	1.602	62	58353	4.877	ug/L	99
6) Bromomethane	1.853	94	39643	5.089	ug/L	98
8) Chloroethane	1.930	64	38315	4.902	ug/L	96
9) Trichlorofluoromethane	2.133	101	75660	5.014	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49500	5.027	ug/L	99
12) 1,1-Dichloroethene	2.573	96	45051	5.050	ug/L	92
13) Acetone	2.628	43	60558	48.158	ug/L	98
14) Carbon disulfide	2.788	76	125266	4.823	ug/L	99
15) Methyl Acetate	2.949	43	17709	5.726	ug/L	97
16) Methylene chloride	3.039	84	56167	5.136	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	107730	5.296	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	47881	5.160	ug/L	92
19) 1,1-Dichloroethane	3.862	63	89144	5.060	ug/L	98
21) 2-Butanone	4.698	43	104854	52.674	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	54483	5.242	ug/L	98
23) Bromochloromethane	4.968	128	27049	5.355	ug/L	96
25) Chloroform	5.081	83	97636	5.039	ug/L	99

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 ALS Vial : 18 Sample Multiplier: 1

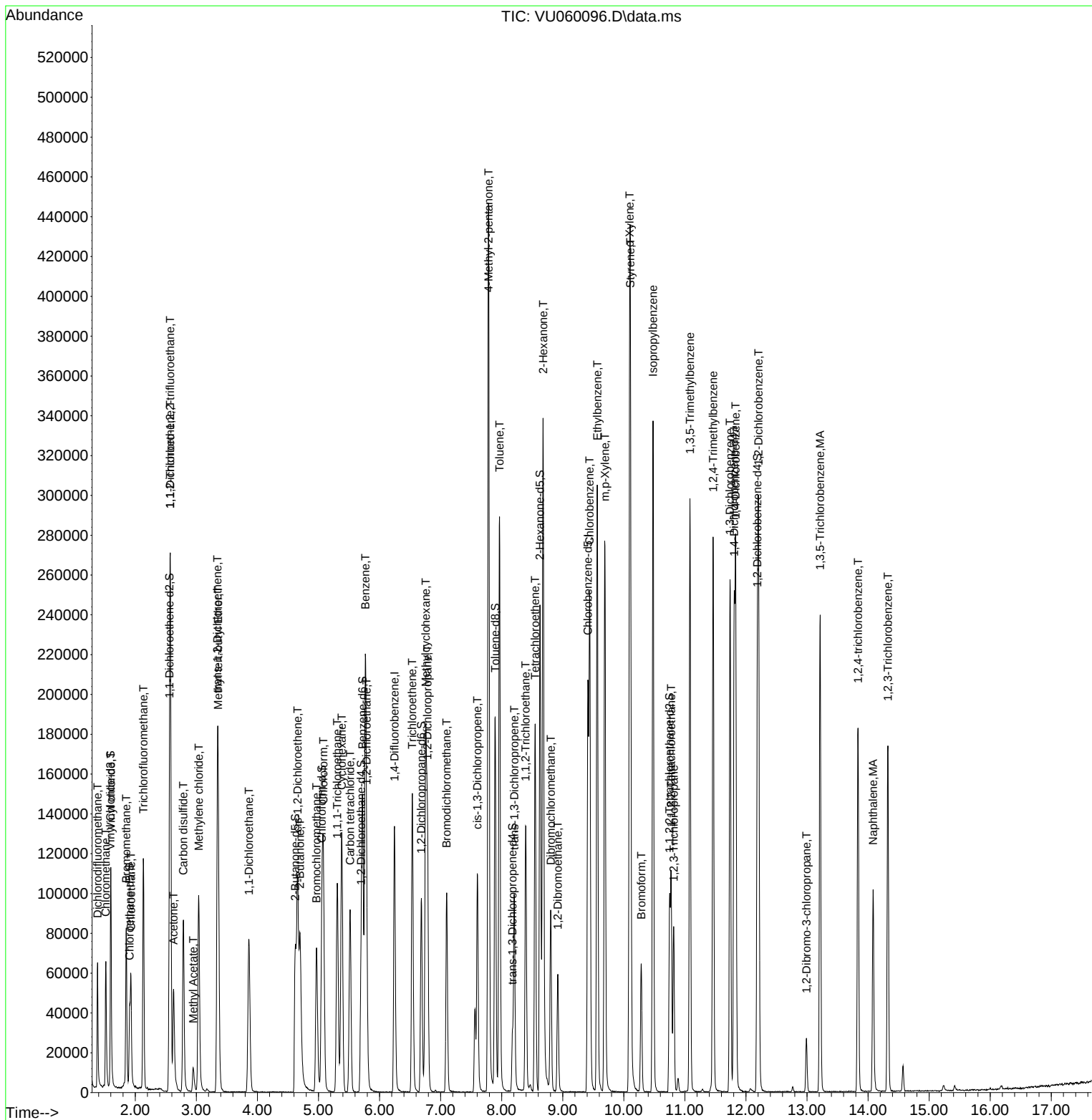
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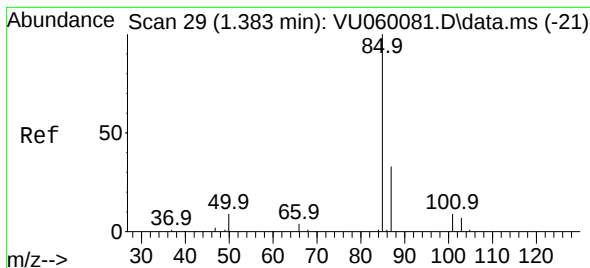
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	54948	4.961	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	76933	5.058	ug/L	99
30) Cyclohexane	5.383	56	59496	4.946	ug/L	99
31) Carbon tetrachloride	5.518	117	65199	4.969	ug/L	98
33) Benzene	5.769	78	207415	5.156	ug/L	100
34) Trichloroethene	6.537	95	53432	5.008	ug/L	97
35) Methylcyclohexane	6.756	83	66148	4.730	ug/L	96
37) 1,2-Dichloropropane	6.785	63	55458	5.103	ug/L	99
38) Bromodichloromethane	7.100	83	68026	4.996	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	70540	4.967	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	265669	55.245	ug/L	98
42) Toluene	7.965	91	225601	5.270	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	58772	4.954	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	44078	5.308	ug/L	99
47) Tetrachloroethene	8.550	164	45309	5.136	ug/L	97
48) 2-Hexanone	8.679	43	200234	56.869	ug/L	97
49) Dibromochloromethane	8.804	129	48754	5.307	ug/L	99
50) 1,2-Dibromoethane	8.920	107	40416	5.383	ug/L	98
51) Chlorobenzene	9.441	112	143986	5.148	ug/L	98
52) Ethylbenzene	9.566	91	216674	5.075	ug/L	99
53) m,p-Xylene	9.692	106	83797	5.081	ug/L	95
54) o-Xylene	10.097	106	81693	5.179	ug/L	94
55) Styrene	10.110	104	144532	5.384	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	53950	5.311	ug/L	96
59) Bromoform	10.287	173	30584	5.213	ug/L	99
60) Isopropylbenzene	10.479	105	217960	5.162	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	36354	5.341	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	160539	4.976	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	157027	5.037	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	114745	5.050	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	114278	4.941	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	109306	5.026	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	7245	5.462	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	82936	4.837	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	62445	4.785	ug/L	98
71) Naphthalene	14.084	128	88561	4.789	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	59955	5.108	ug/L	99

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

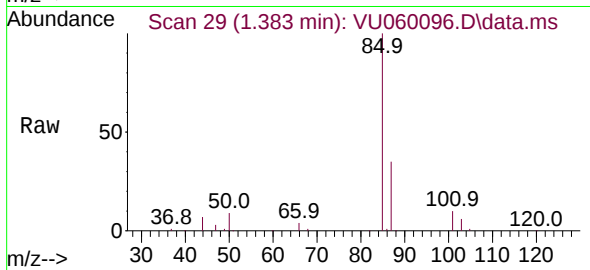
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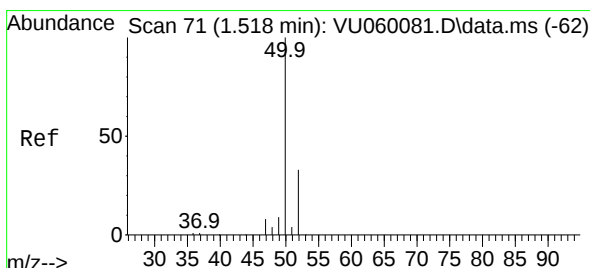
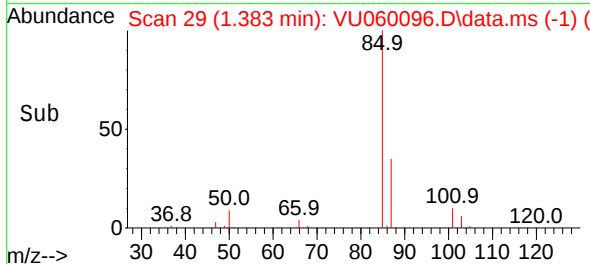
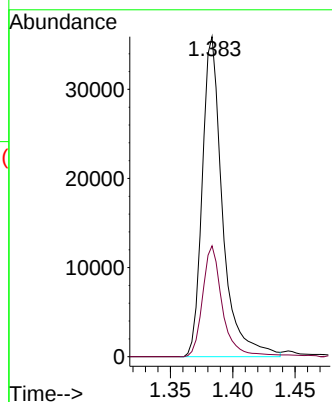


#2
 Dichlorodifluoromethane
 Concen: 4.614 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU060096.D
 Acq: 22 Jul 2024 16:21

Instrument :
 MSVOA_U
 ClientSampleId :

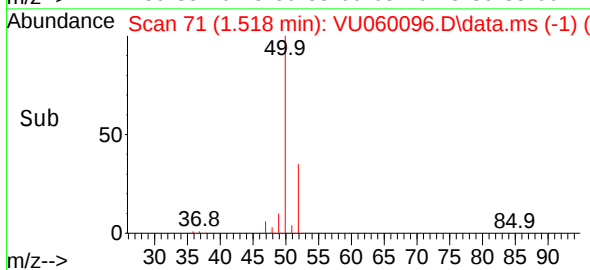
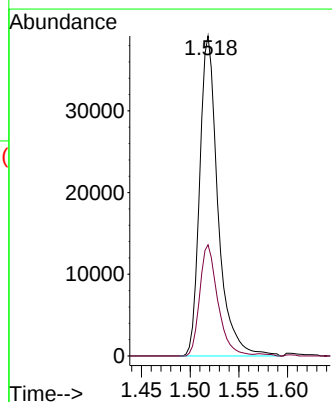
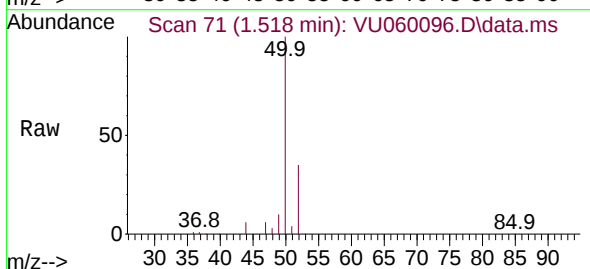


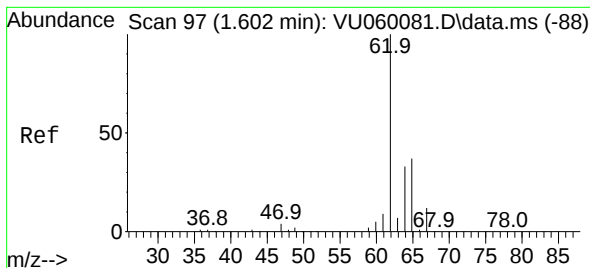
Tgt Ion: 85 Resp: 40770
 Ion Ratio Lower Upper
 85 100
 87 34.4 26.1 39.1



#3
 Chloromethane
 Concen: 4.793 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060096.D
 Acq: 22 Jul 2024 16:21

Tgt Ion: 50 Resp: 51157
 Ion Ratio Lower Upper
 50 100
 52 34.7 23.4 43.4





#5

Vinyl chloride

Concen: 4.877 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

Instrument :

MSVOA_U

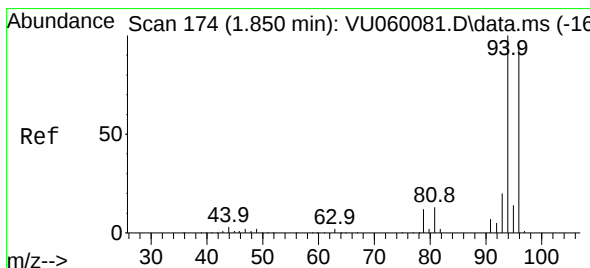
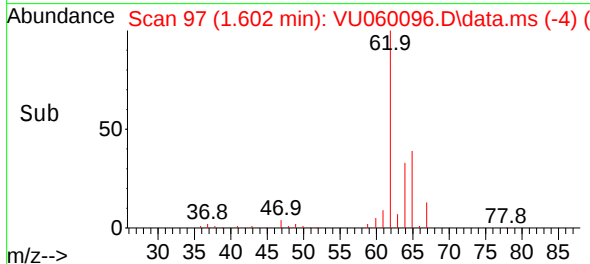
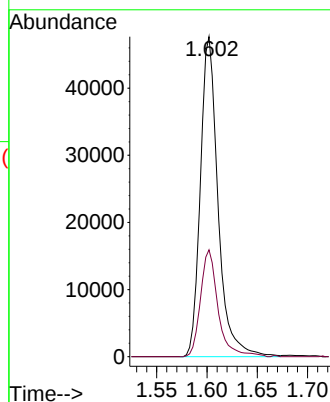
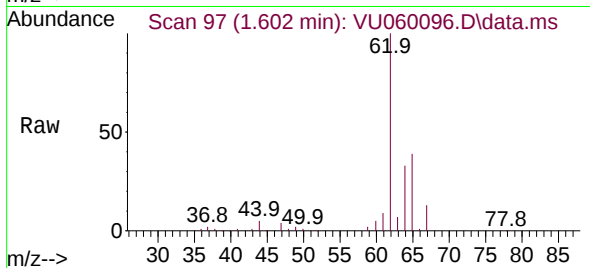
ClientSampleId :

Tgt Ion: 62 Resp: 58353

Ion Ratio Lower Upper

62 100

64 33.4 22.8 42.4



#6

Bromomethane

Concen: 5.089 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU060096.D

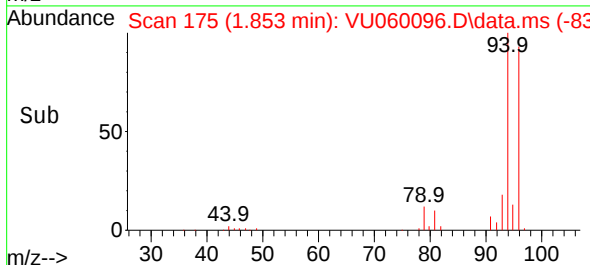
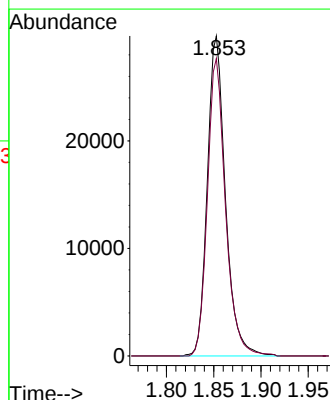
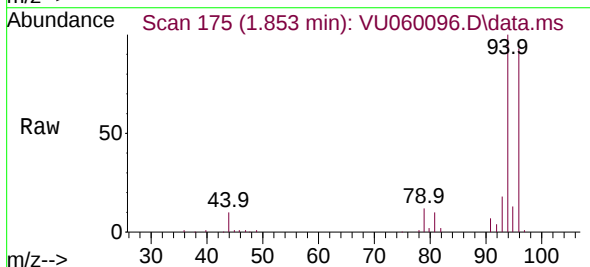
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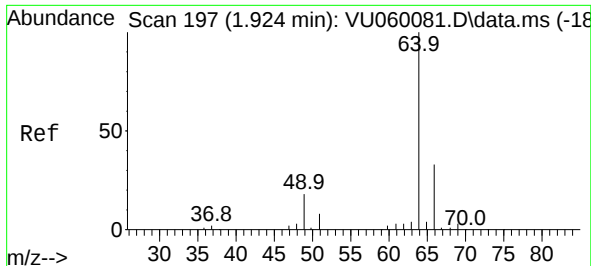
Tgt Ion: 94 Resp: 39643

Ion Ratio Lower Upper

94 100

96 92.9 66.6 123.6

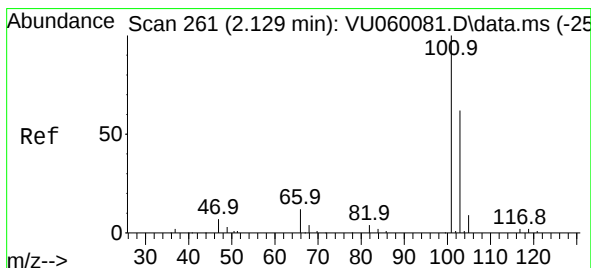
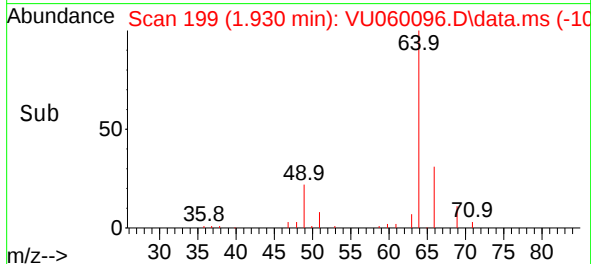
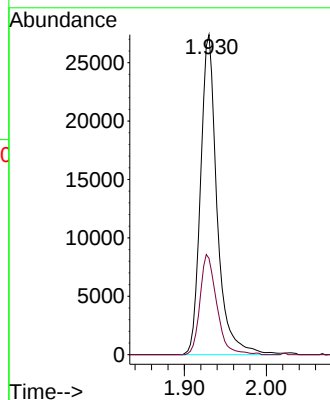
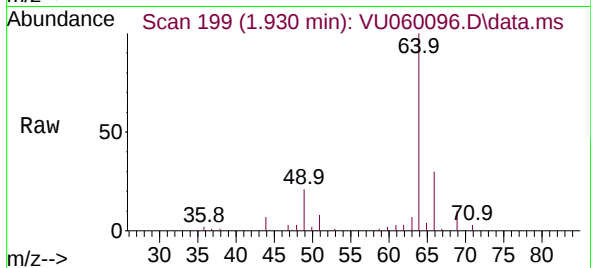




#8
Chloroethane
Concen: 4.902 ug/L
RT: 1.930 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

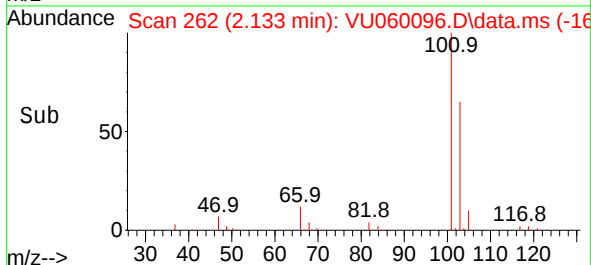
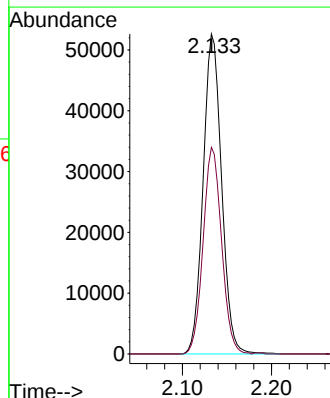
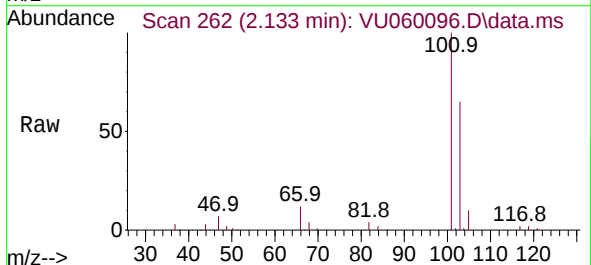
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MSVOA_U
ClientSampleId :

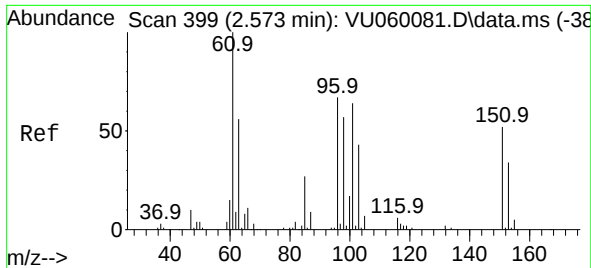
Tgt Ion: 64 Resp: 38315
Ion Ratio Lower Upper
64 100
66 30.1 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.014 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

Tgt Ion:101 Resp: 75660
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

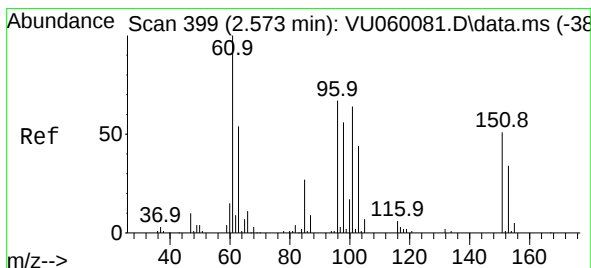
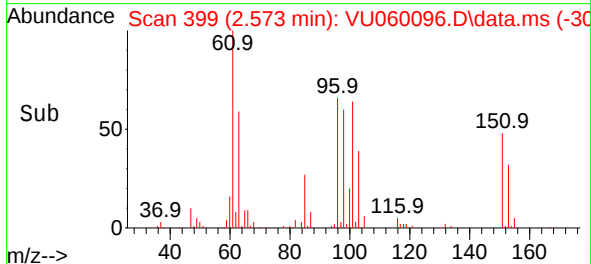
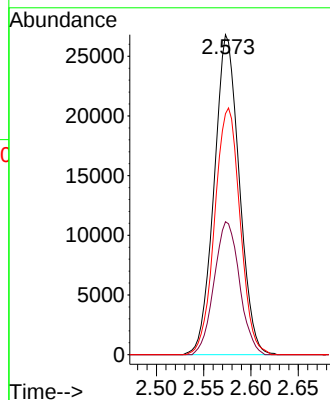
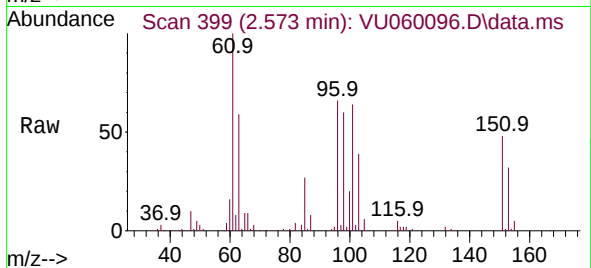




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.027 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060096.D
 Acq: 22 Jul 2024 16:21

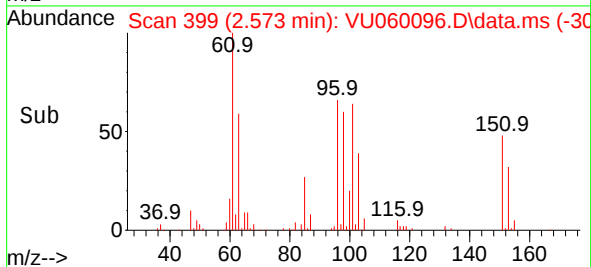
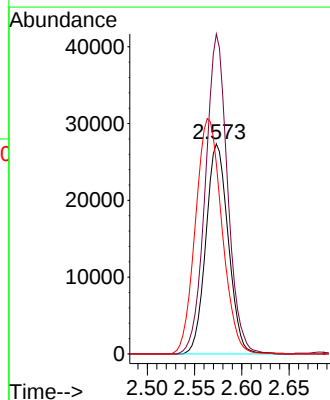
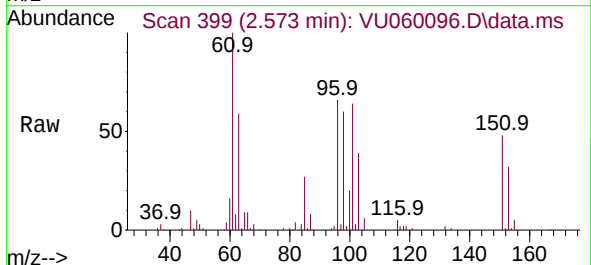
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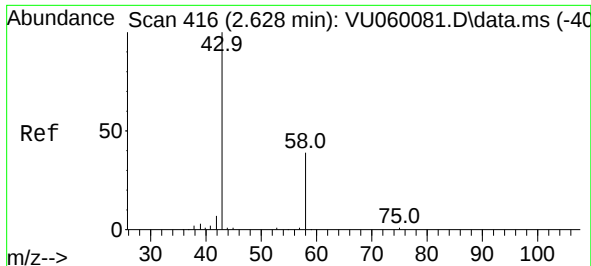
Tgt Ion:	101	Resp:	49500
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.2	49.8
151	78.1	61.8	92.8



#12
 1,1-Dichloroethene
 Concen: 5.050 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060096.D
 Acq: 22 Jul 2024 16:21

Tgt Ion:	96	Resp:	45051
Ion Ratio	Lower	Upper	
96	100		
61	152.4	107.0	198.6
63	90.6	76.4	142.0





#13

Acetone

Concen: 48.158 ug/L

RT: 2.628 min Scan# 416

Delta R.T. -0.013 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

Instrument :

MSVOA_U

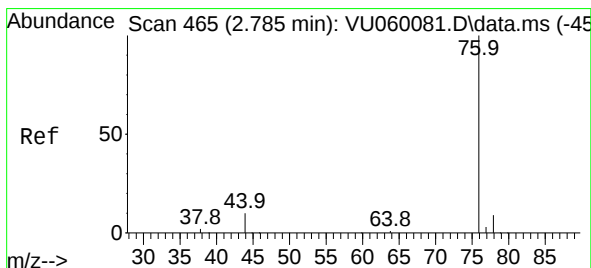
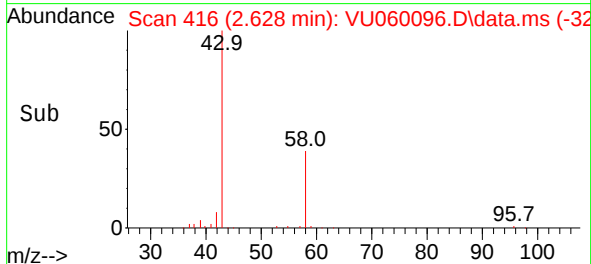
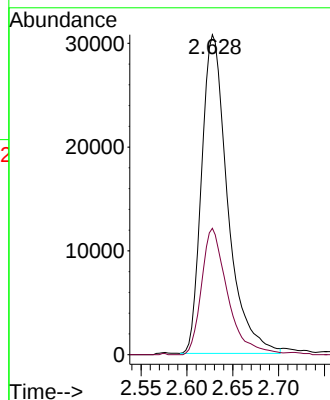
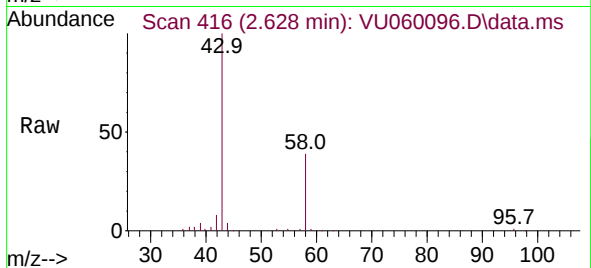
ClientSampleId :

Tgt Ion: 43 Resp: 60558

Ion Ratio Lower Upper

43 100

58 39.7 0.0 82.2



#14

Carbon disulfide

Concen: 4.823 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060096.D

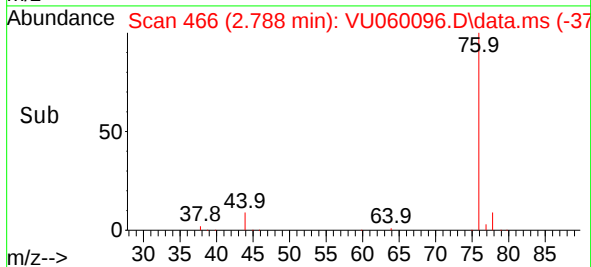
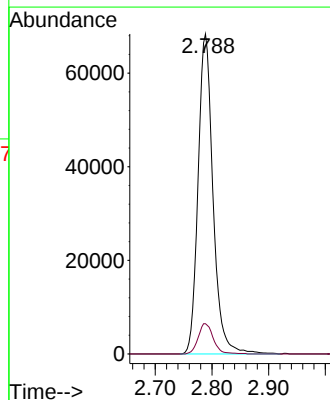
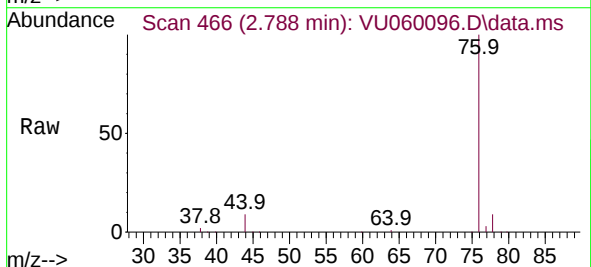
Acq: 22 Jul 2024 16:21

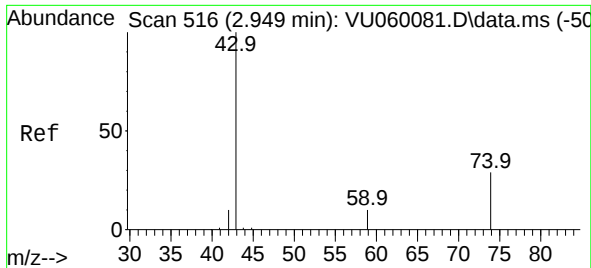
Tgt Ion: 76 Resp: 125266

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0





#15

Methyl Acetate

Concen: 5.726 ug/L

RT: 2.949 min Scan# 516

Delta R.T. 0.000 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

Instrument :

MSVOA_U

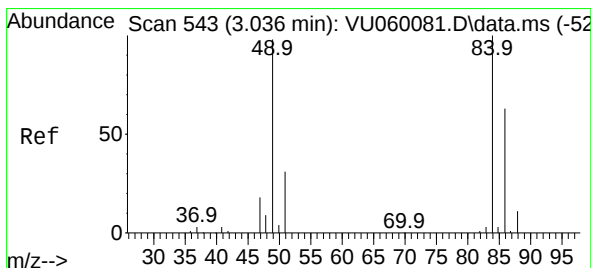
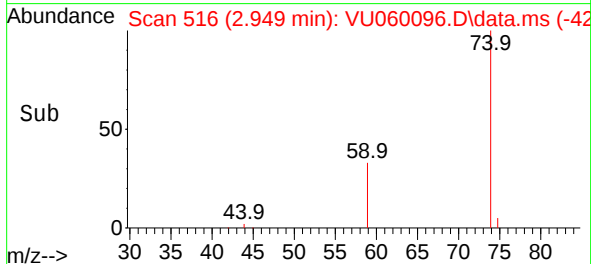
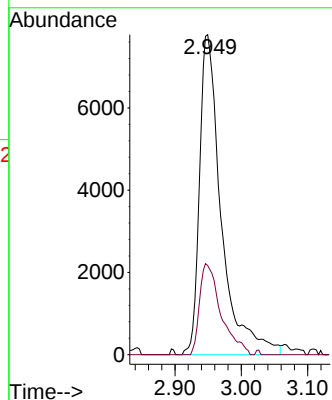
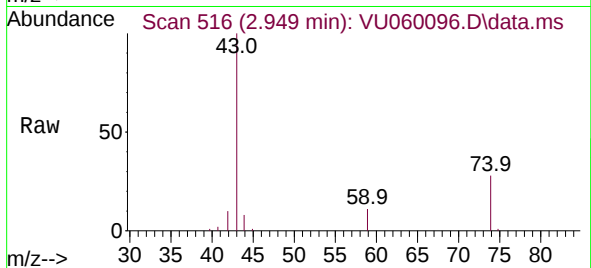
ClientSampleId :

Tgt Ion: 43 Resp: 17709

Ion Ratio Lower Upper

43 100

74 27.8 23.5 35.3



#16

Methylene chloride

Concen: 5.136 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

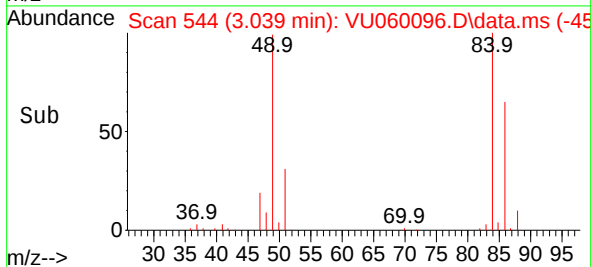
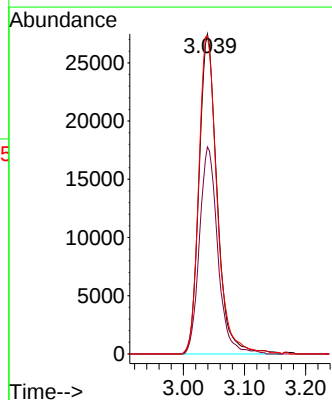
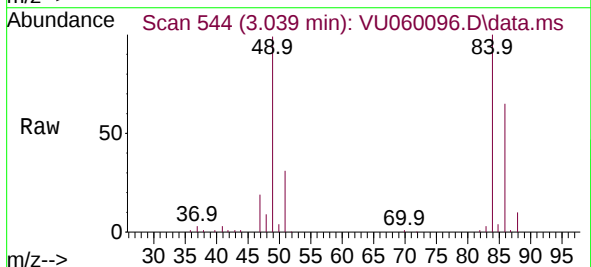
Tgt Ion: 84 Resp: 56167

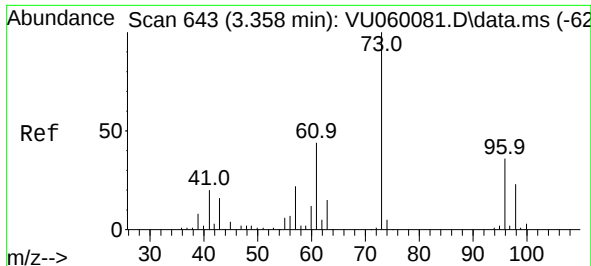
Ion Ratio Lower Upper

84 100

86 64.7 44.4 82.5

49 99.4 72.0 133.6

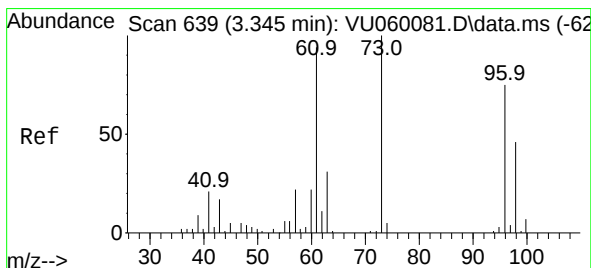
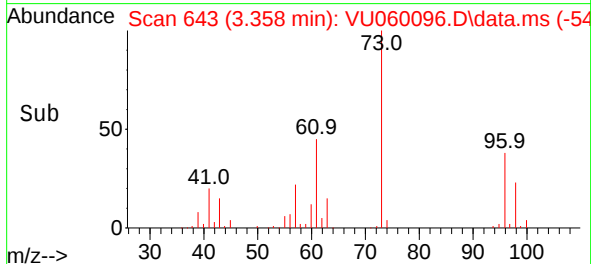
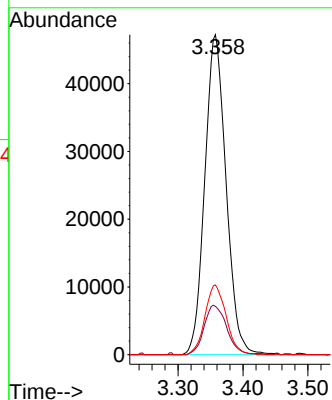
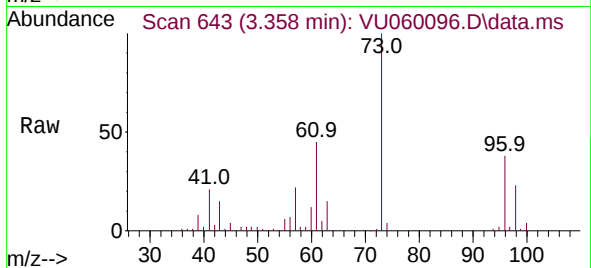




#17
Methyl tert-butyl Ether
Concen: 5.296 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

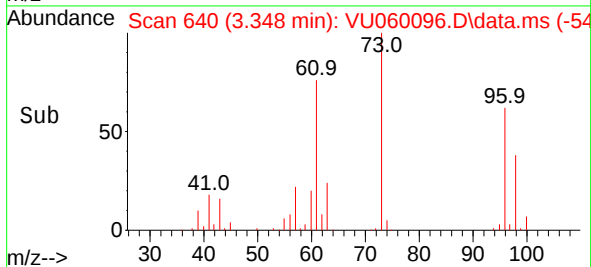
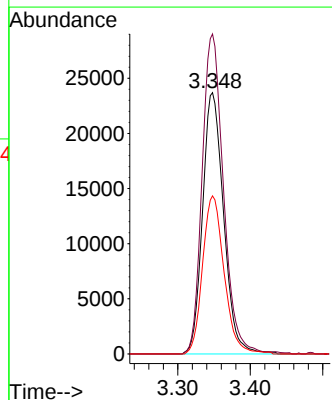
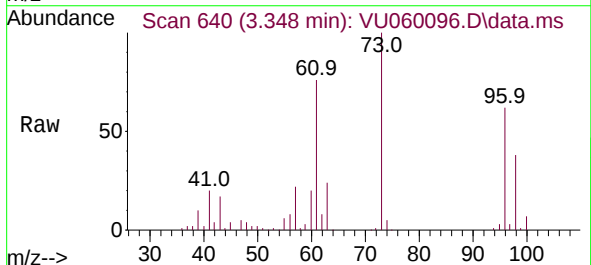
Instrument :
MSVOA_U
ClientSampleId :

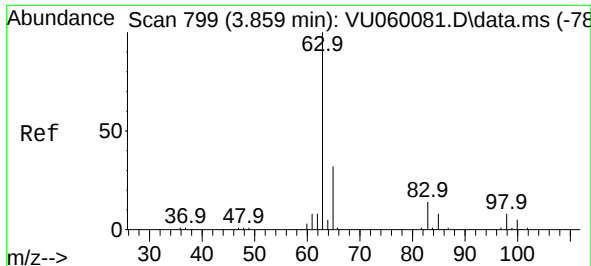
Tgt Ion: 73 Resp: 107730
Ion Ratio Lower Upper
73 100
43 16.3 13.1 19.7
57 21.6 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 5.160 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

Tgt Ion: 96 Resp: 47881
Ion Ratio Lower Upper
96 100
61 122.5 91.6 170.0
98 60.5 47.7 88.5

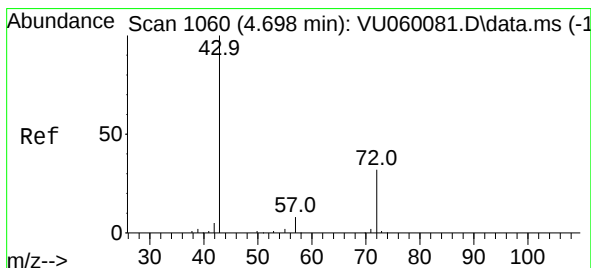
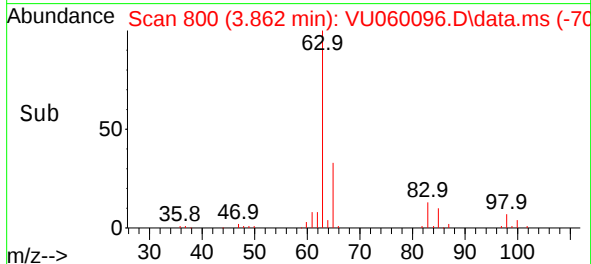
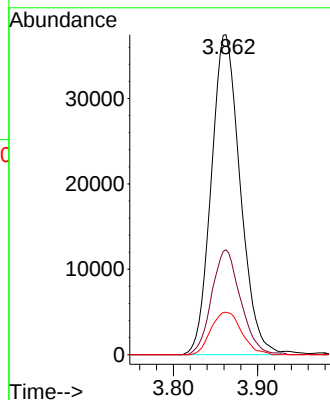
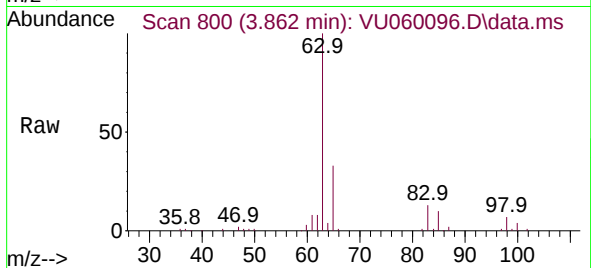




#19
1,1-Dichloroethane
Concen: 5.060 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

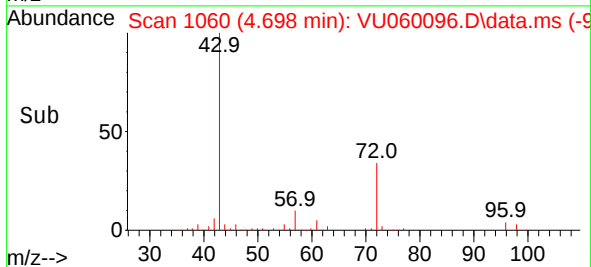
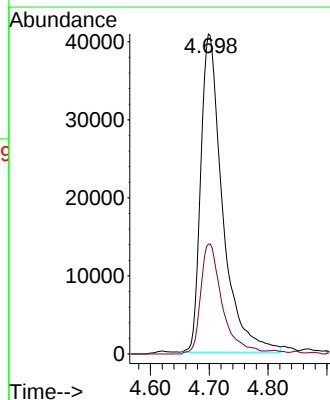
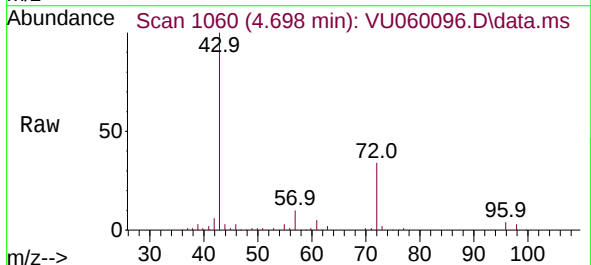
Instrument :
MSVOA_U
ClientSampleId :

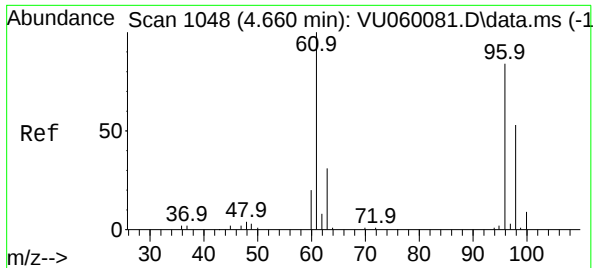
Tgt Ion: 63 Resp: 89144
Ion Ratio Lower Upper
63 100
65 32.8 22.0 40.8
83 13.2 9.7 17.9



#21
2-Butanone
Concen: 52.674 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

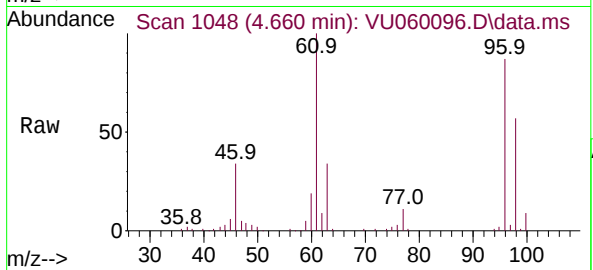
Tgt Ion: 43 Resp: 104854
Ion Ratio Lower Upper
43 100
72 34.4 16.3 48.9



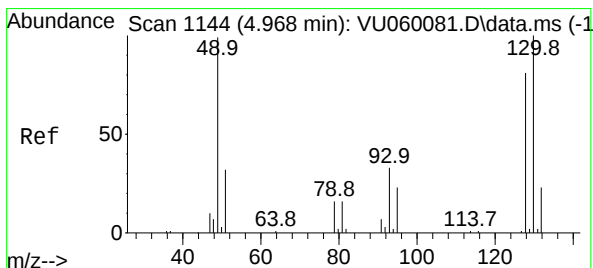
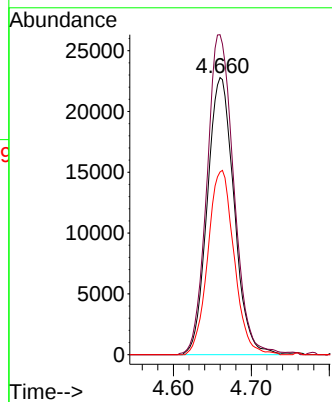
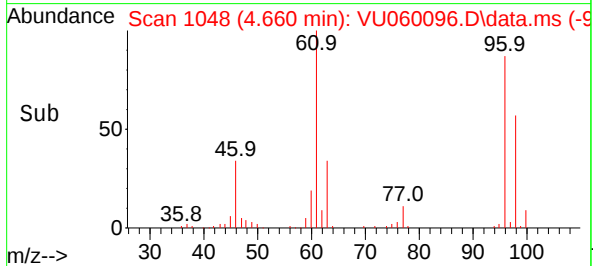


#22
 cis-1,2-Dichloroethene
 Concen: 5.242 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU060096.D
 Acq: 22 Jul 2024 16:21

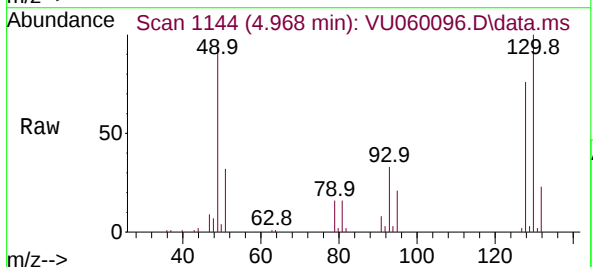
Instrument :
 MSVOA_U
 ClientSampleId :



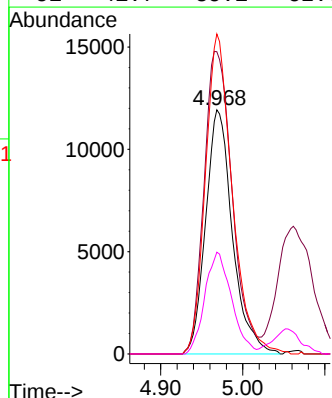
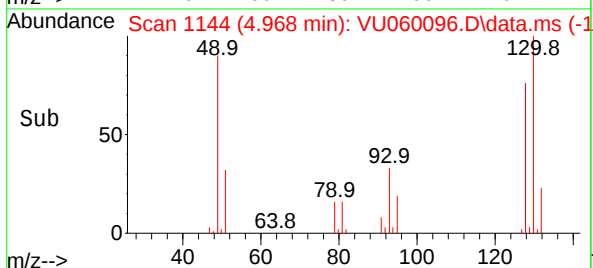
Tgt Ion: 96 Resp: 54483
 Ion Ratio Lower Upper
 96 100
 61 115.5 80.2 148.9
 98 65.9 44.7 83.1

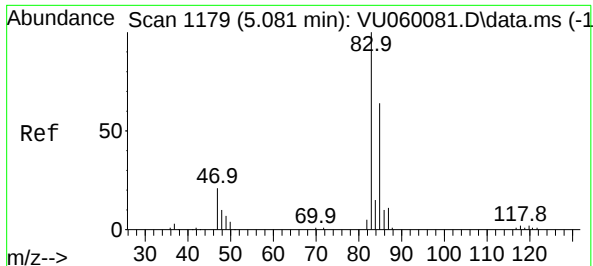


#23
 Bromochloromethane
 Concen: 5.355 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU060096.D
 Acq: 22 Jul 2024 16:21



Tgt Ion: 128 Resp: 27049
 Ion Ratio Lower Upper
 128 100
 49 129.2 92.3 171.3
 130 131.0 87.1 161.7
 51 41.7 35.1 52.7





#25

Chloroform

Concen: 5.039 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

Instrument :

MSVOA_U

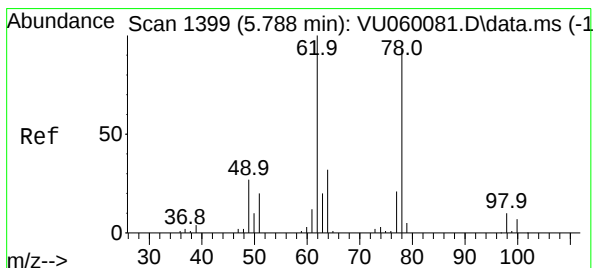
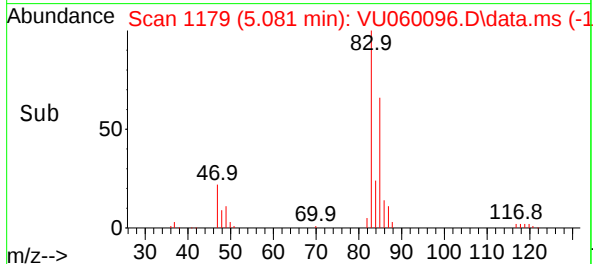
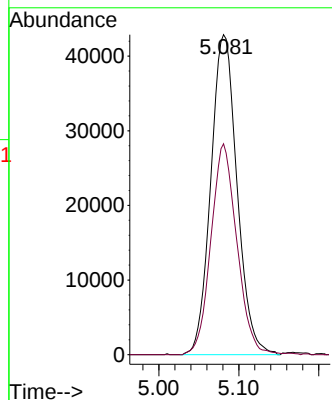
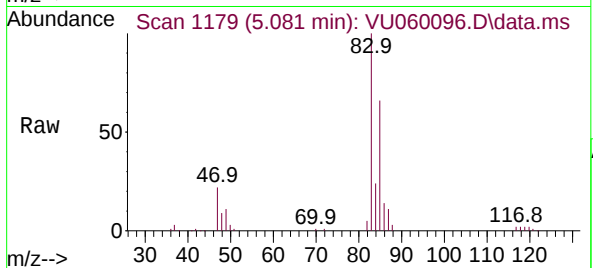
ClientSampleId :

Tgt Ion: 83 Resp: 97636

Ion Ratio Lower Upper

83 100

85 65.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.961 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU060096.D

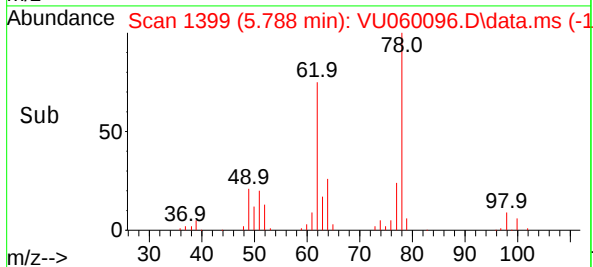
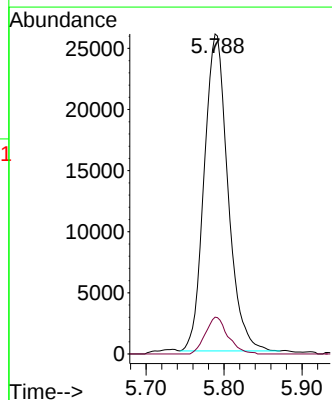
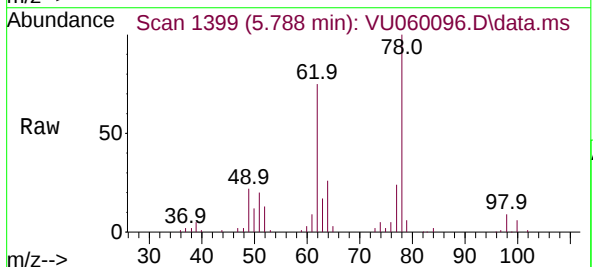
Acq: 22 Jul 2024 16:21

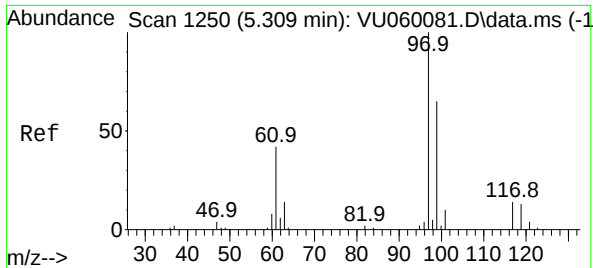
Tgt Ion: 62 Resp: 54948

Ion Ratio Lower Upper

62 100

98 11.5 7.9 11.9

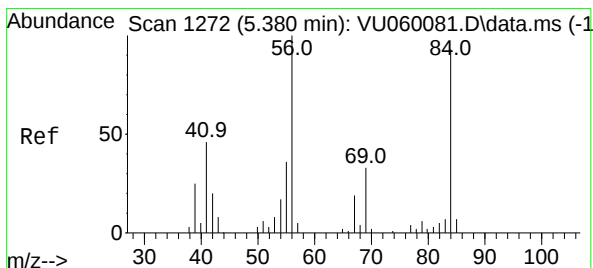
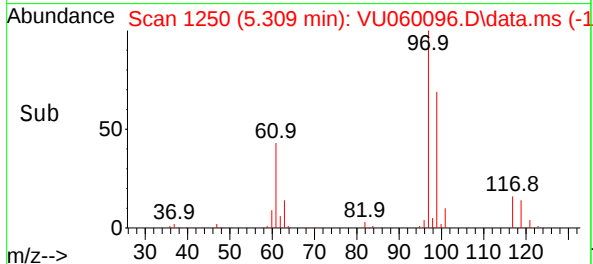
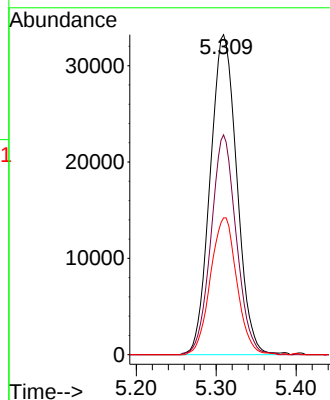
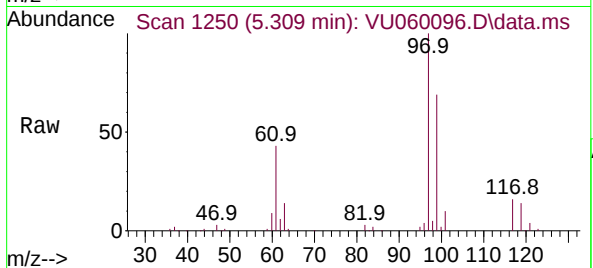




#29
1,1,1-Trichloroethane
Concen: 5.058 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

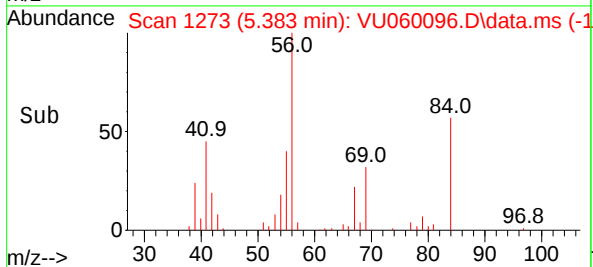
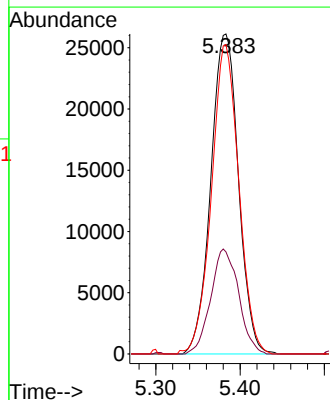
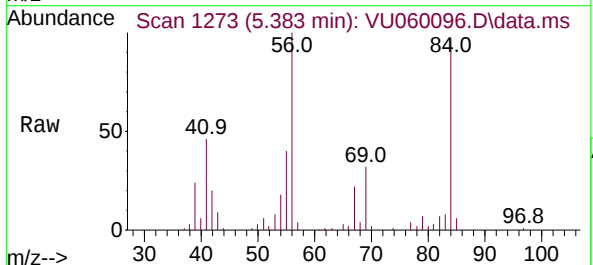
Instrument :
MSVOA_U
ClientSampleId :

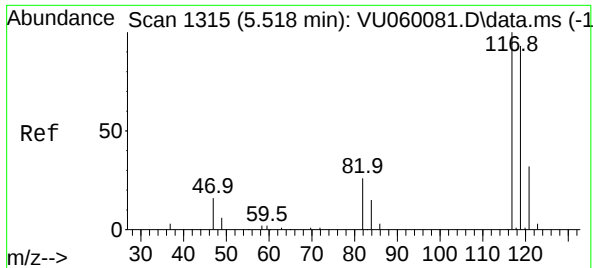
Tgt Ion: 97	Resp: 76933
Ion Ratio	Lower Upper
97 100	
99 65.3	51.0 76.4
61 42.4	34.1 51.1



#30
Cyclohexane
Concen: 4.946 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

Tgt Ion: 56	Resp: 59496
Ion Ratio	Lower Upper
56 100	
69 33.1	26.6 39.8
84 95.7	77.2 115.8

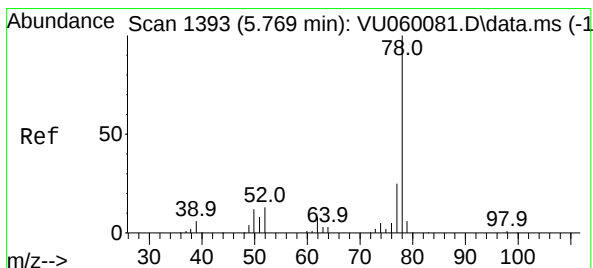
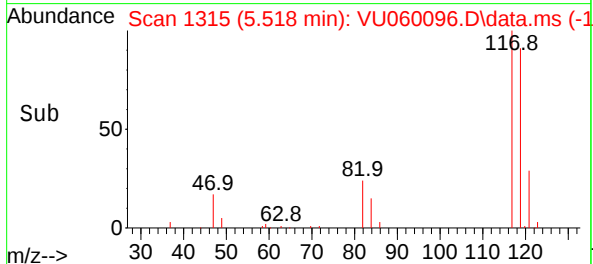
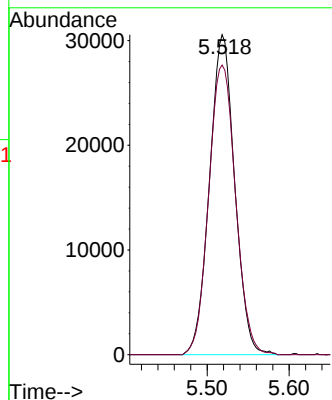
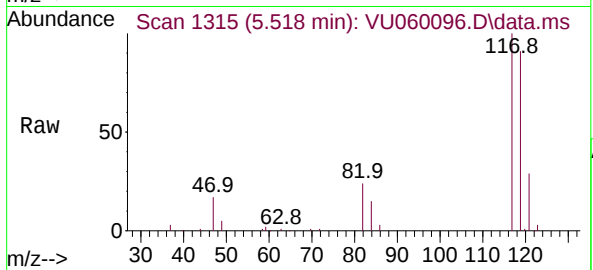




#31
Carbon tetrachloride
Concen: 4.969 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

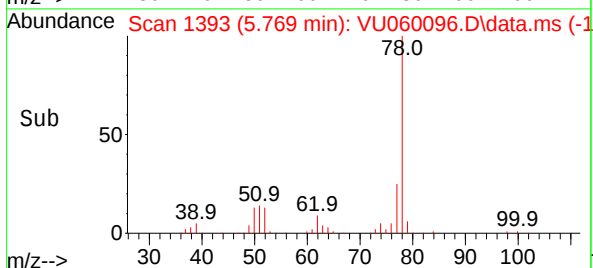
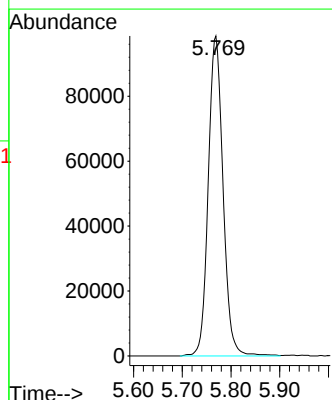
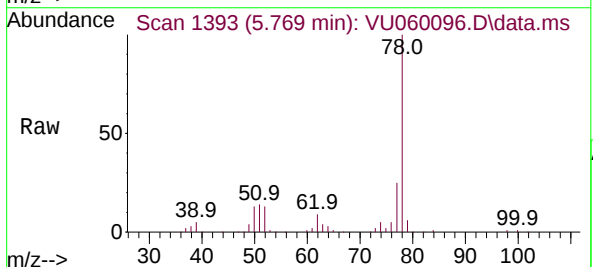
Instrument :
MSVOA_U
ClientSampleId :

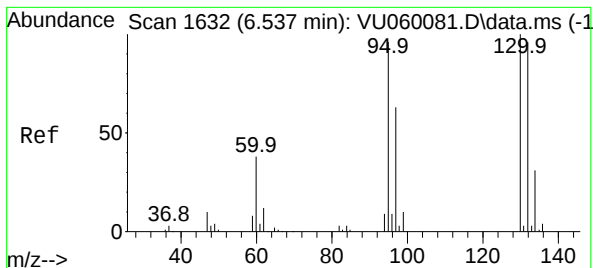
Tgt Ion:117 Resp: 65199
Ion Ratio Lower Upper
117 100
119 96.6 75.6 113.4



#33
Benzene
Concen: 5.156 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

Tgt Ion: 78 Resp: 207415





#34

Trichloroethene

Concen: 5.008 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 53432

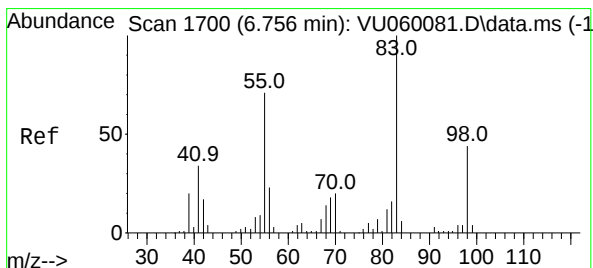
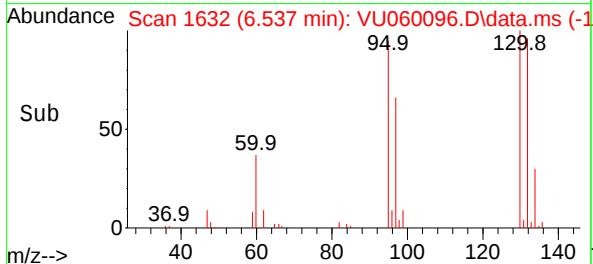
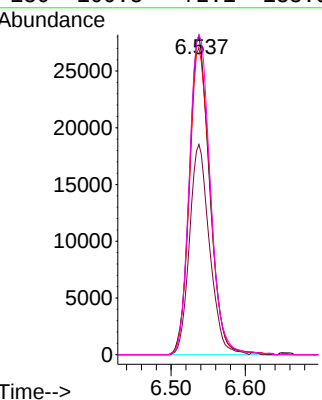
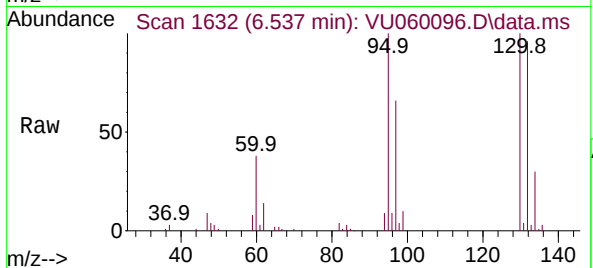
Ion Ratio Lower Upper

95 100

97 65.9 45.9 85.3

132 96.3 71.4 132.6

130 100.3 72.1 133.9



#35

Methylcyclohexane

Concen: 4.730 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

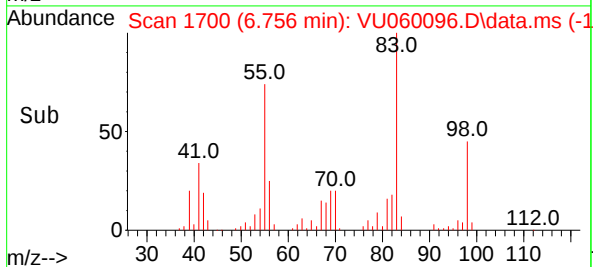
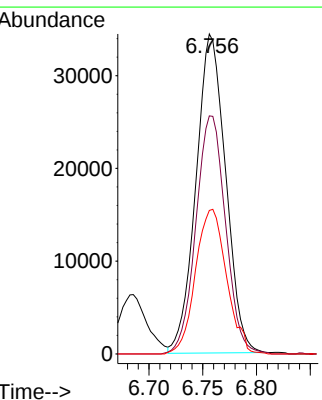
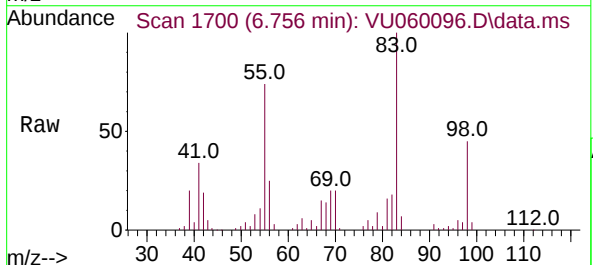
Tgt Ion: 83 Resp: 66148

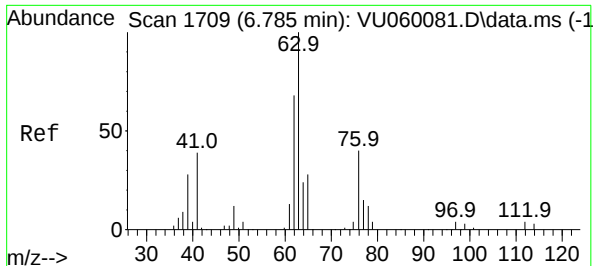
Ion Ratio Lower Upper

83 100

55 74.5 56.7 85.1

98 47.4 36.6 55.0

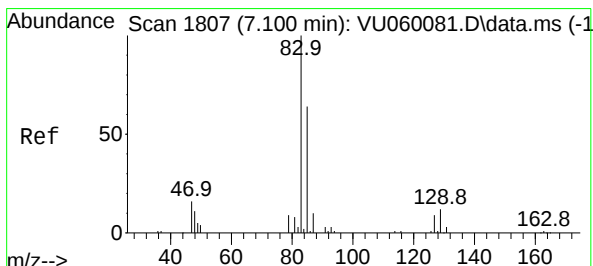
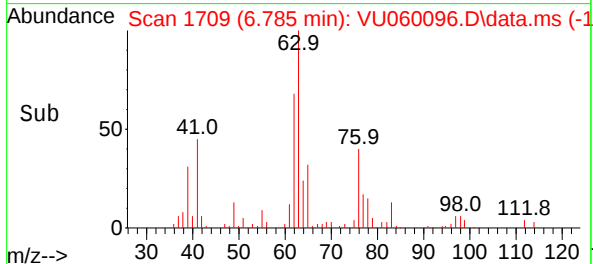
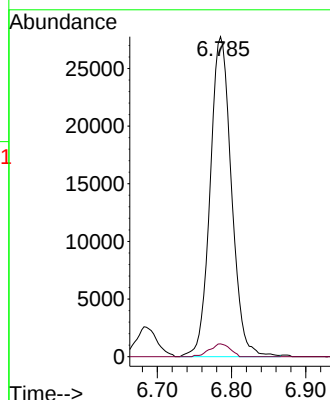
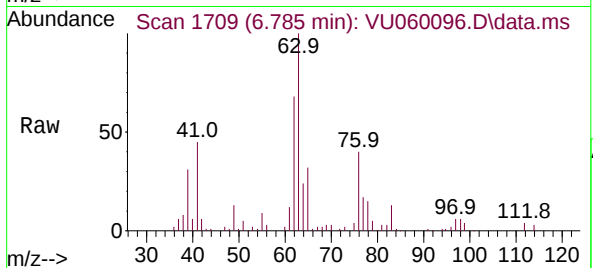




#37
1,2-Dichloropropane
Concen: 5.103 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

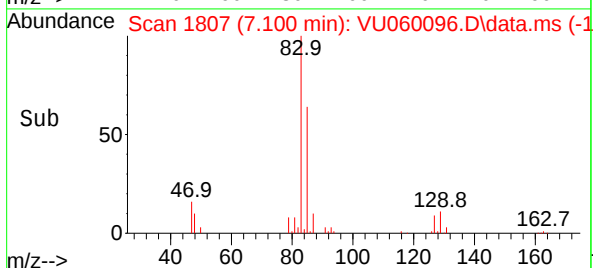
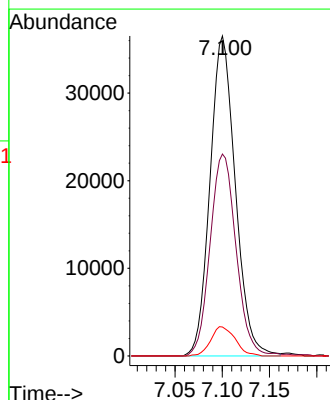
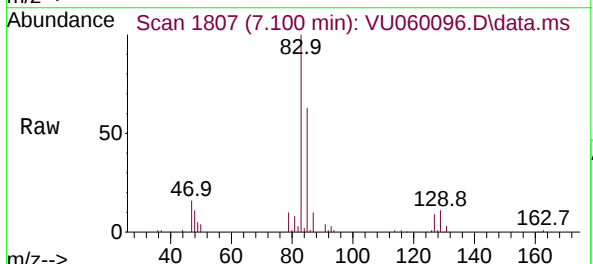
Instrument :
MSVOA_U
ClientSampleId :

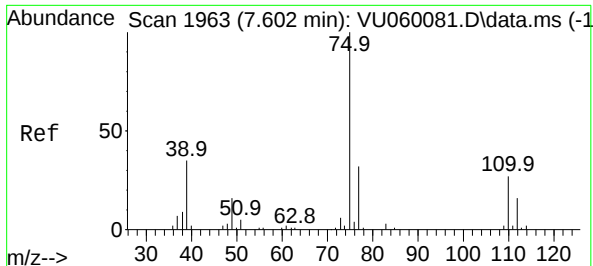
Tgt Ion: 63 Resp: 55458
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9



#38
Bromodichloromethane
Concen: 4.996 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

Tgt Ion: 83 Resp: 68026
Ion Ratio Lower Upper
83 100
85 63.1 43.5 80.7
127 9.0 7.1 10.7

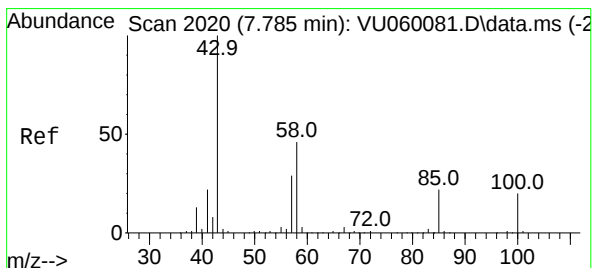
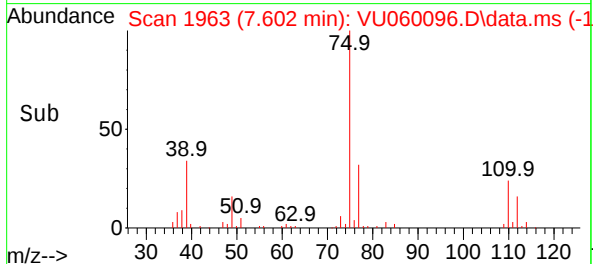
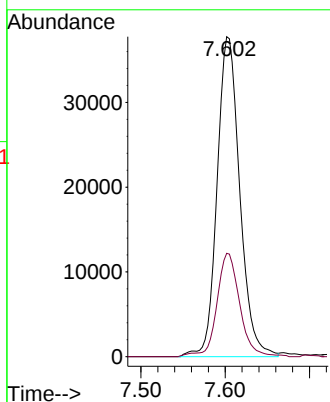
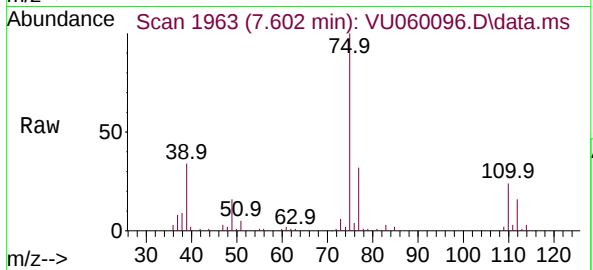




#39
 cis-1,3-Dichloropropene
 Concen: 4.967 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060096.D
 Acq: 22 Jul 2024 16:21

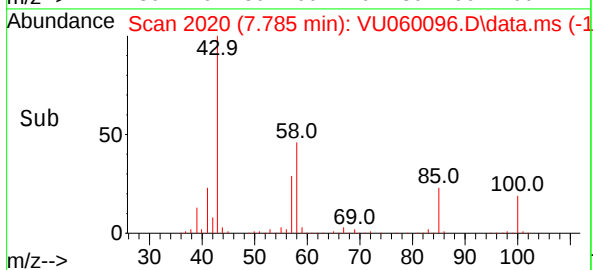
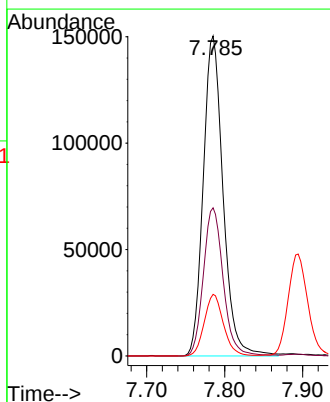
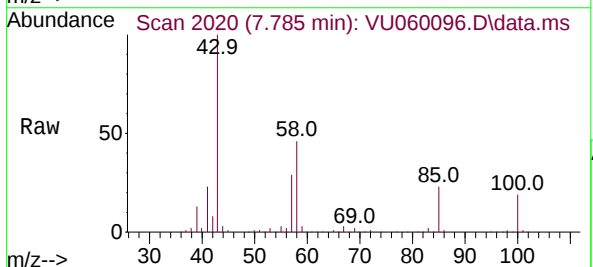
Instrument :
 MSVOA_U
 ClientSampleId :

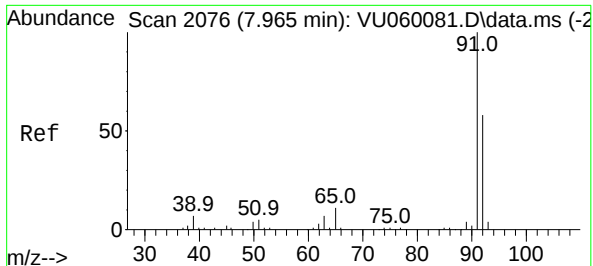
Tgt Ion: 75 Resp: 70540
 Ion Ratio Lower Upper
 75 100
 77 32.3 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 55.245 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU060096.D
 Acq: 22 Jul 2024 16:21

Tgt Ion: 43 Resp: 265669
 Ion Ratio Lower Upper
 43 100
 58 46.4 36.0 54.0
 100 18.6 14.9 22.3





#42

Toluene

Concen: 5.270 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

Instrument :

MSVOA_U

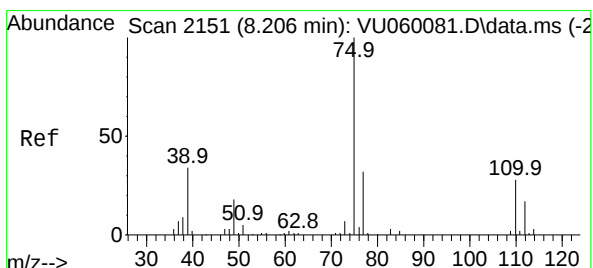
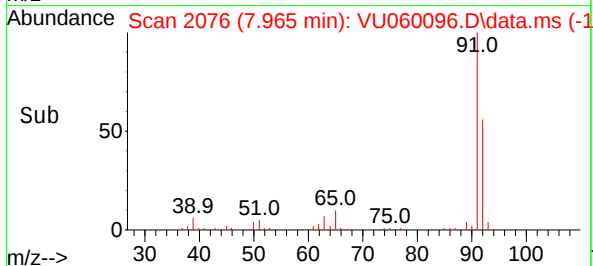
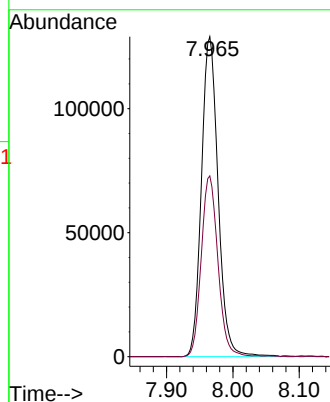
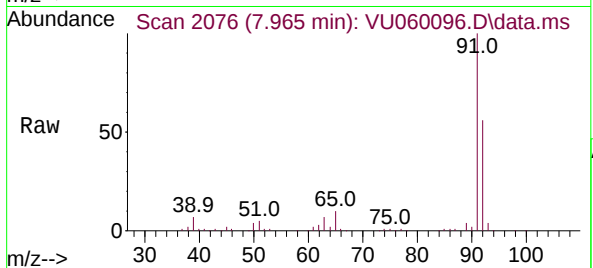
ClientSampleId :

Tgt Ion: 91 Resp: 225601

Ion Ratio Lower Upper

91 100

92 56.5 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 4.954 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU060096.D

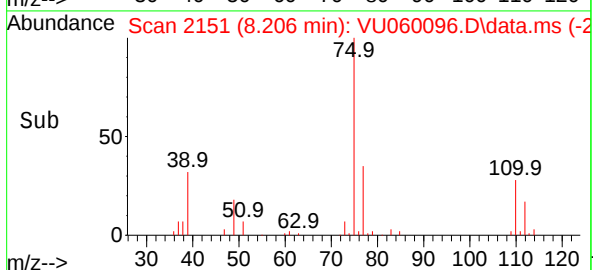
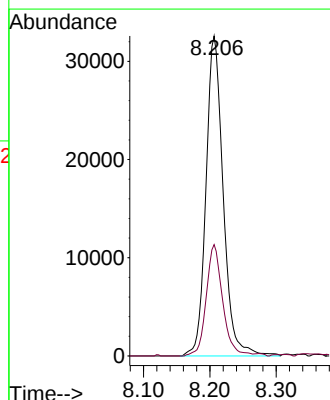
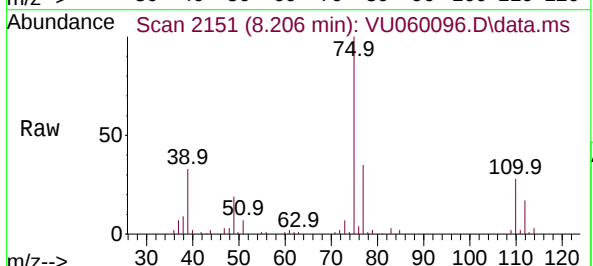
Acq: 22 Jul 2024 16:21

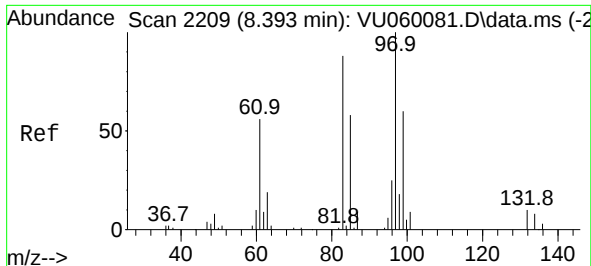
Tgt Ion: 75 Resp: 58772

Ion Ratio Lower Upper

75 100

77 34.8 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 5.308 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 44078

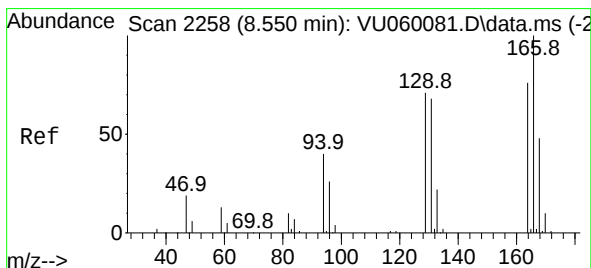
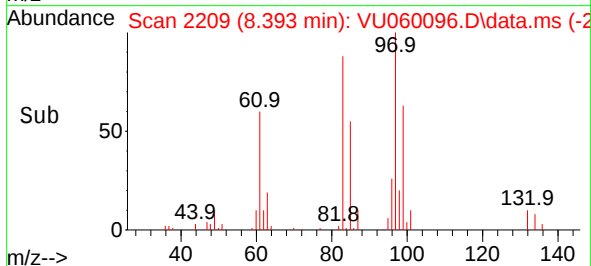
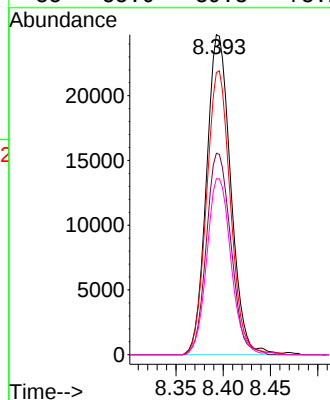
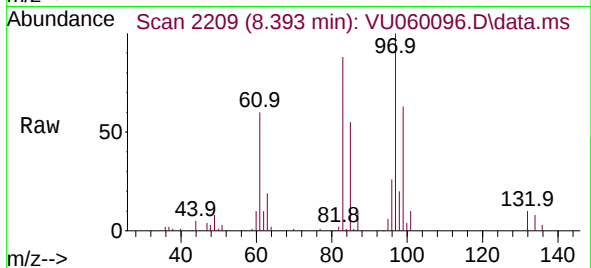
Ion Ratio Lower Upper

97 100

99 63.0 43.8 81.4

83 88.2 62.1 115.3

85 55.0 39.3 73.1



#47

Tetrachloroethene

Concen: 5.136 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

Tgt Ion:164 Resp: 45309

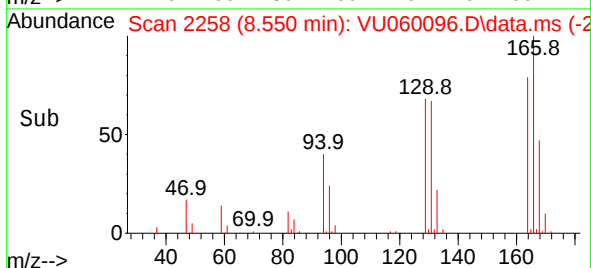
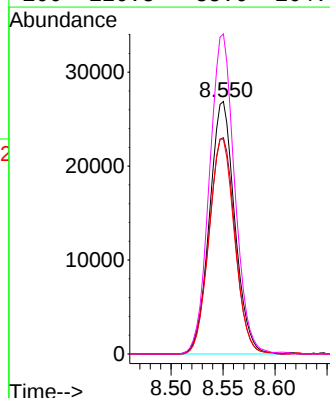
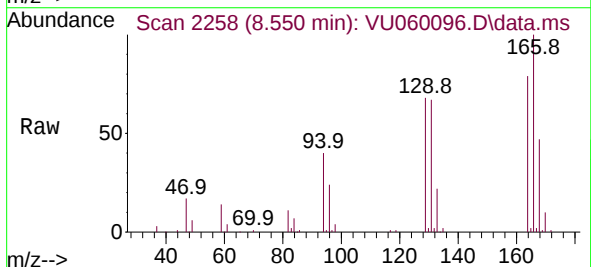
Ion Ratio Lower Upper

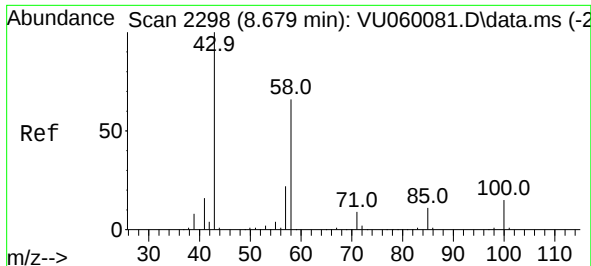
164 100

129 85.7 64.6 120.0

131 85.0 61.2 113.8

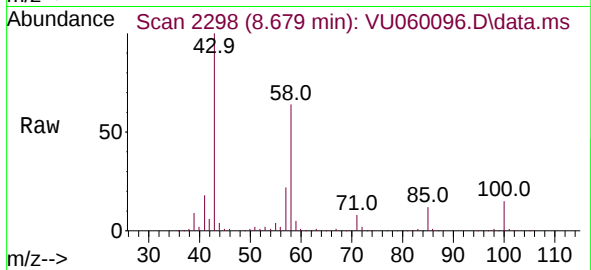
166 126.8 88.6 164.6



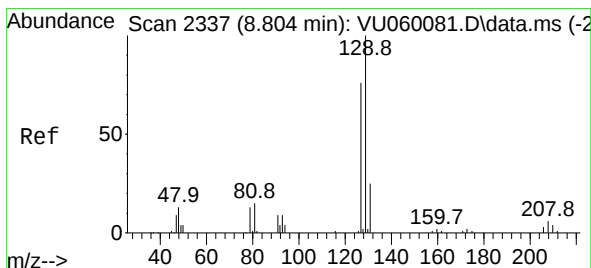
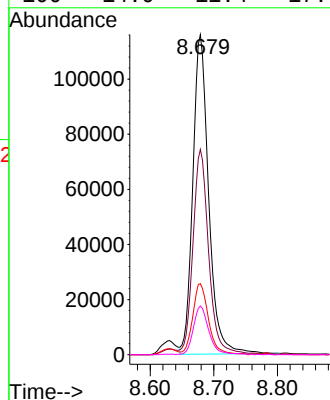
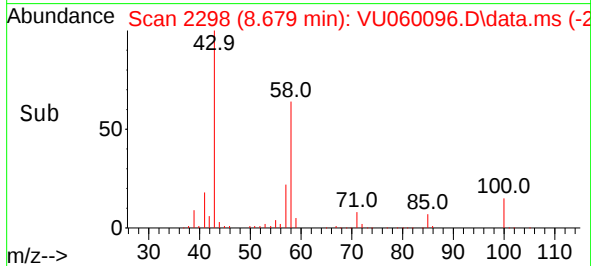


#48
2-Hexanone
Concen: 56.869 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

Instrument :
MSVOA_U
ClientSampleId :

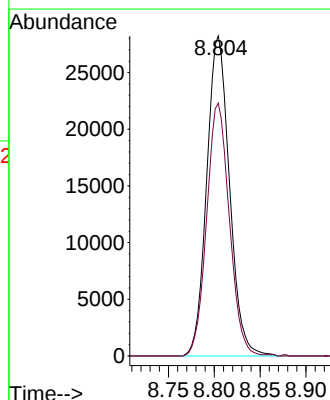
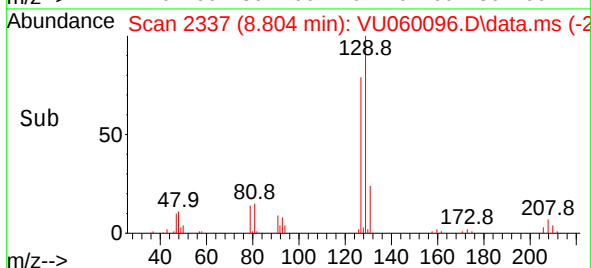
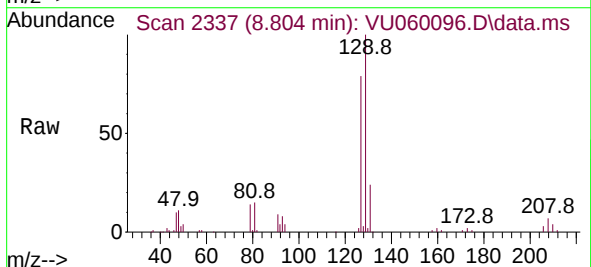


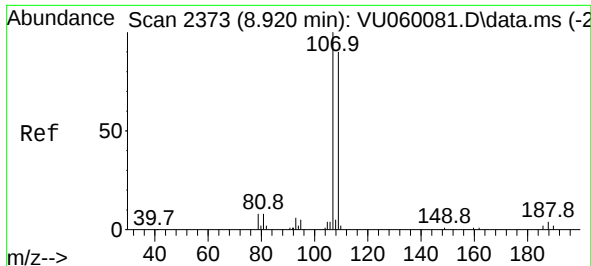
Tgt Ion: 43 Resp: 200234
Ion Ratio Lower Upper
43 100
58 62.6 52.6 78.8
57 21.6 17.8 26.8
100 14.9 11.4 17.0



#49
Dibromochloromethane
Concen: 5.307 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

Tgt Ion: 129 Resp: 48754
Ion Ratio Lower Upper
129 100
127 79.0 54.6 101.4





#50

1,2-Dibromoethane

Concen: 5.383 ug/L

RT: 8.920 min Scan# 2373

Delta R.T. 0.003 min

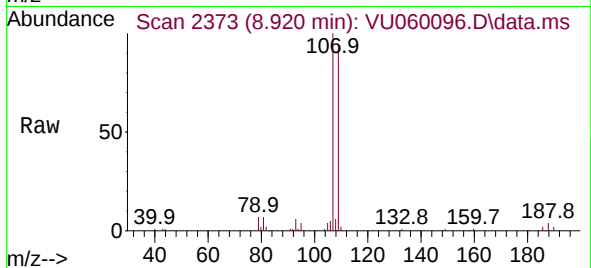
Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :



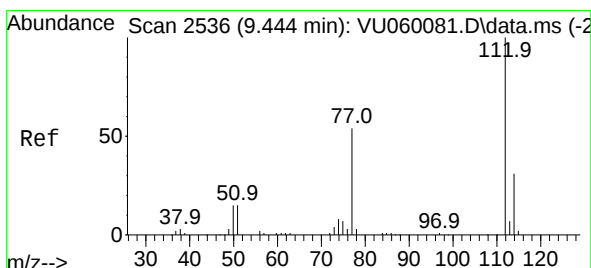
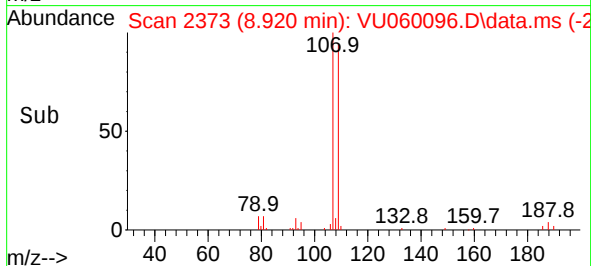
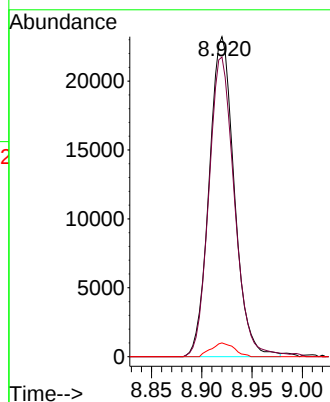
Tgt Ion:107 Resp: 40416

Ion Ratio Lower Upper

107 100

109 93.6 64.0 118.8

188 4.3 3.0 4.6



#51

Chlorobenzene

Concen: 5.148 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

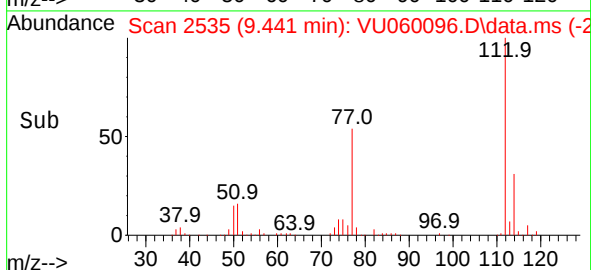
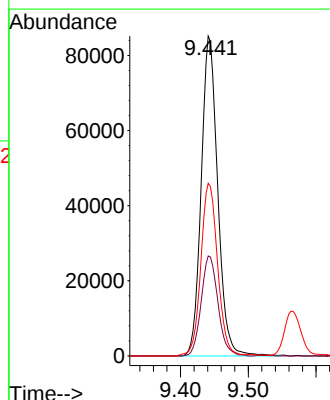
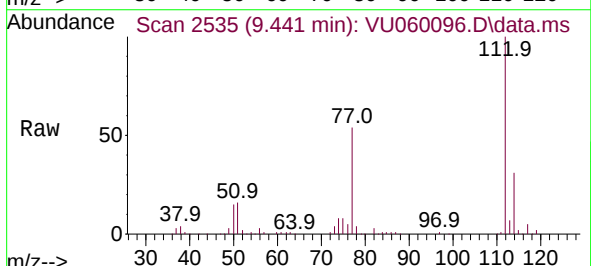
Tgt Ion:112 Resp: 143986

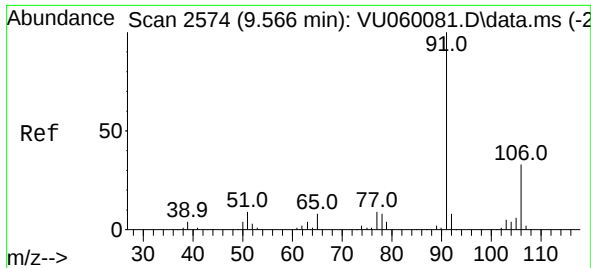
Ion Ratio Lower Upper

112 100

114 31.2 22.1 41.1

77 54.0 44.7 67.1

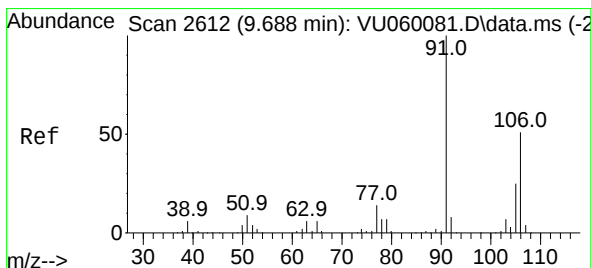
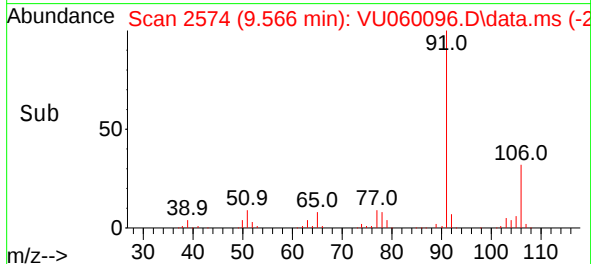
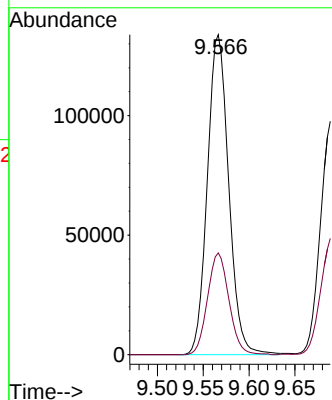
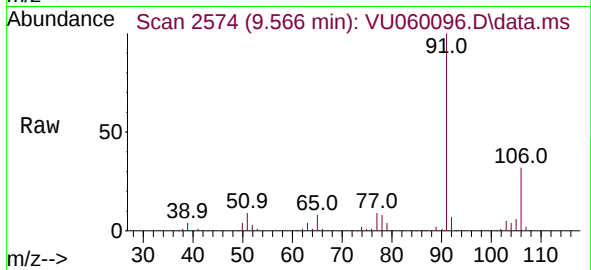




#52
Ethylbenzene
Concen: 5.075 ug/L
RT: 9.566 min Scan# 2166
Delta R.T. 0.003 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

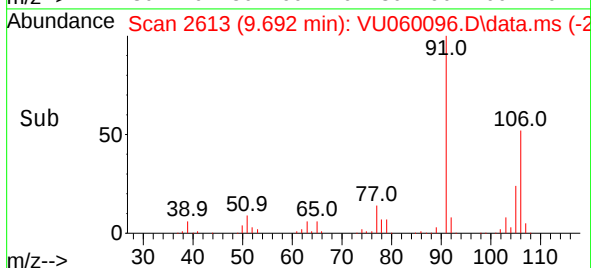
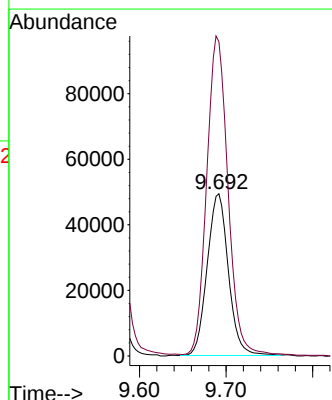
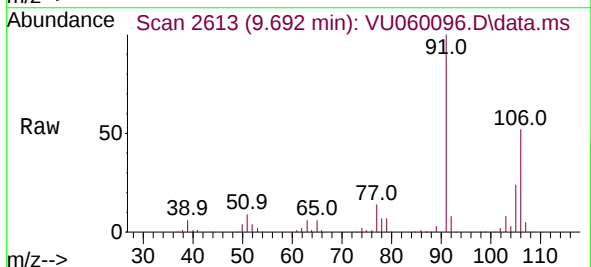
Instrument :
MSVOA_U
ClientSampleId :

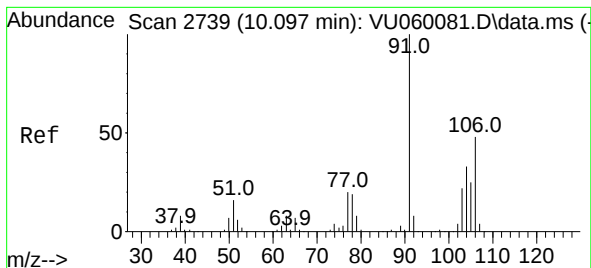
Tgt Ion: 91 Resp: 216674
Ion Ratio Lower Upper
91 100
106 31.8 21.9 40.7



#53
m,p-Xylene
Concen: 5.081 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

Tgt Ion:106 Resp: 83797
Ion Ratio Lower Upper
106 100
91 193.6 141.3 262.5





#54

o-Xylene

Concen: 5.179 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. 0.003 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

Instrument :

MSVOA_U

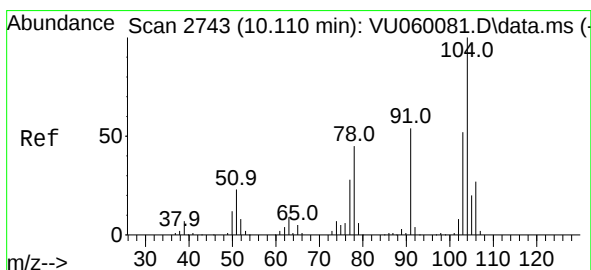
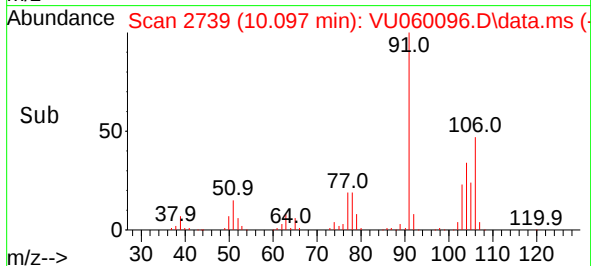
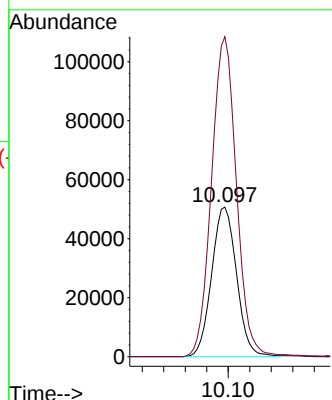
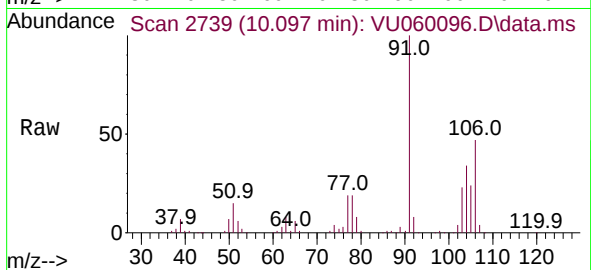
ClientSampleId :

Tgt Ion:106 Resp: 81693

Ion Ratio Lower Upper

106 100

91 213.9 143.6 266.6



#55

Styrene

Concen: 5.384 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU060096.D

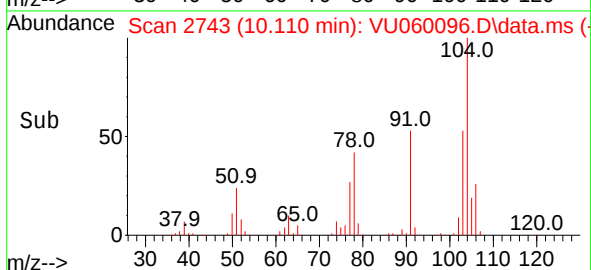
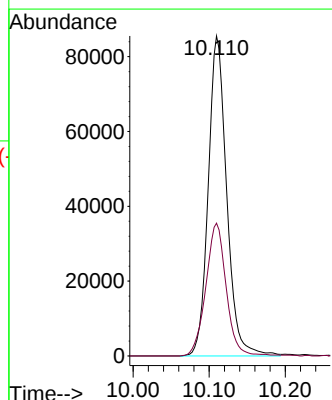
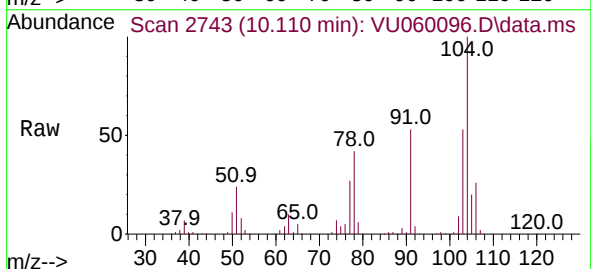
Acq: 22 Jul 2024 16:21

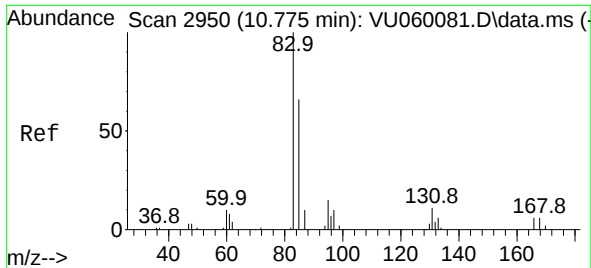
Tgt Ion:104 Resp: 144532

Ion Ratio Lower Upper

104 100

78 41.5 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.311 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

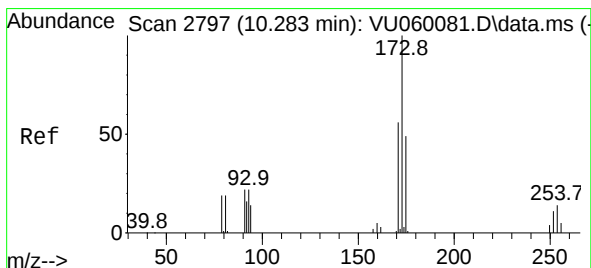
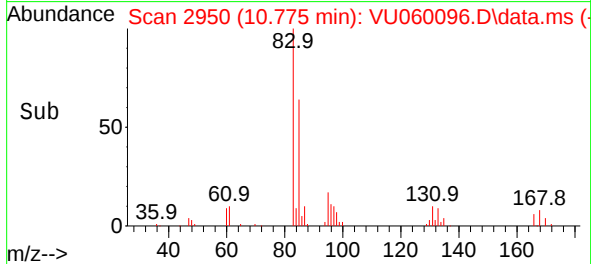
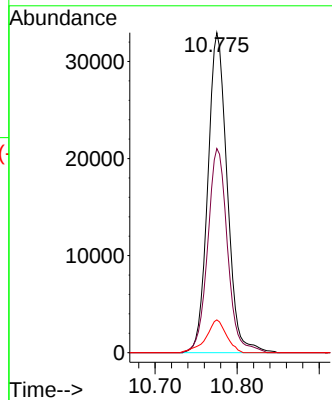
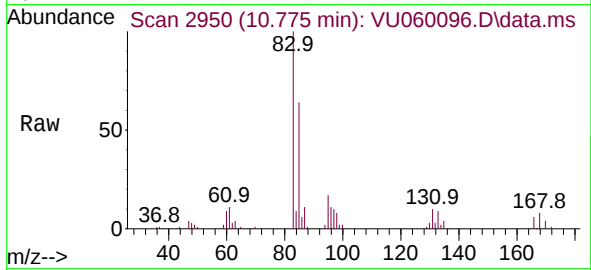
Tgt Ion: 83 Resp: 53950

Ion Ratio Lower Upper

83 100

85 63.8 46.8 87.0

131 10.3 7.8 11.6



#59

Bromoform

Concen: 5.213 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

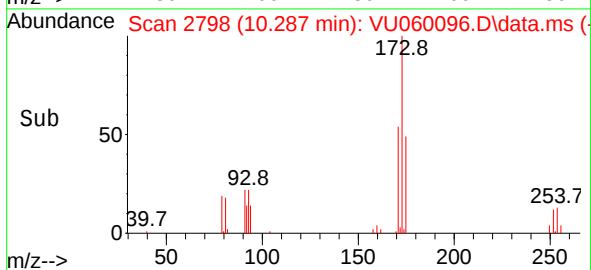
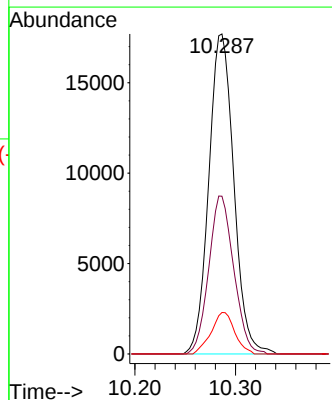
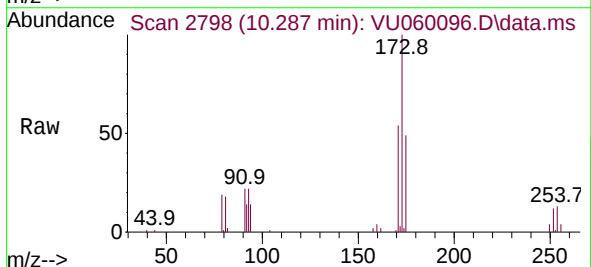
Tgt Ion:173 Resp: 30584

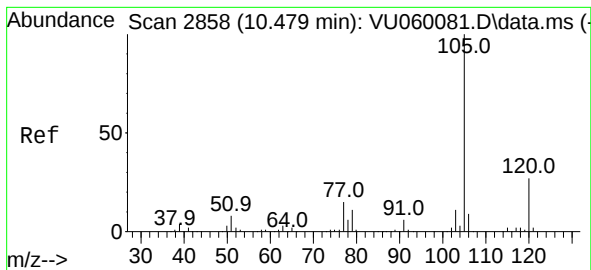
Ion Ratio Lower Upper

173 100

175 49.2 38.7 58.1

254 12.2 9.0 13.4





#60

Isopropylbenzene

Concen: 5.162 ug/L

RT: 10.479 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

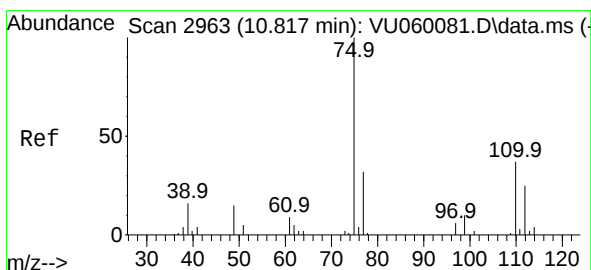
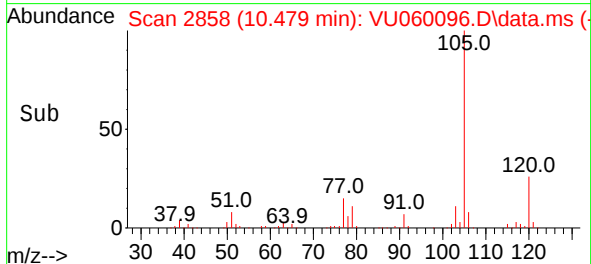
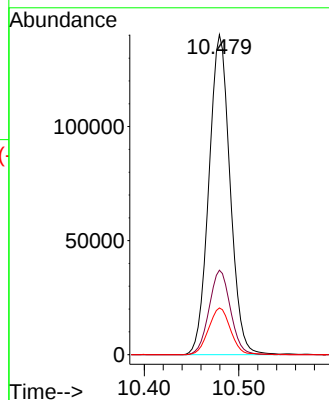
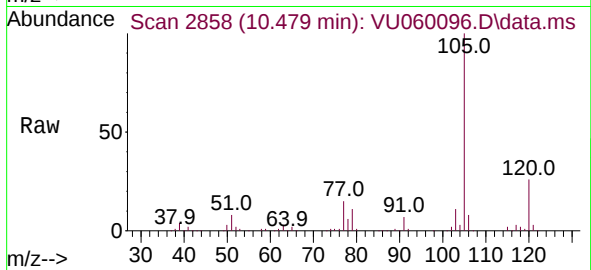
Tgt Ion:105 Resp: 217960

Ion Ratio Lower Upper

105 100

120 26.7 21.9 32.9

77 15.1 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 5.341 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

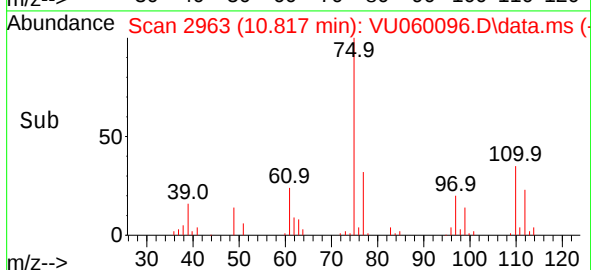
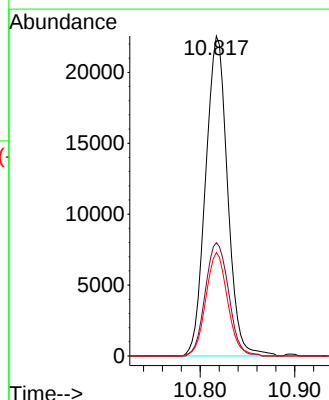
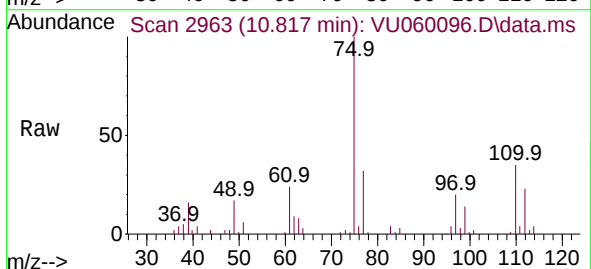
Tgt Ion: 75 Resp: 36354

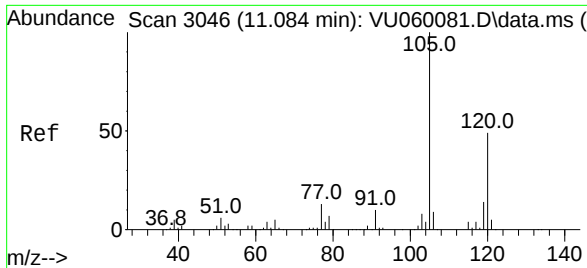
Ion Ratio Lower Upper

75 100

110 37.5 30.8 46.2

77 32.2 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 4.976 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

Instrument :

MSVOA_U

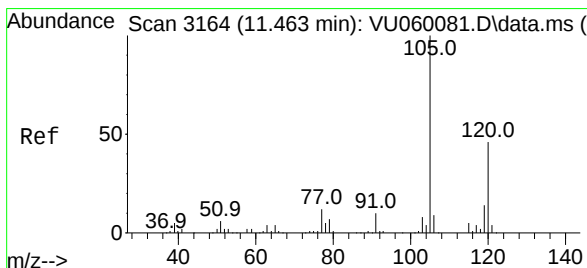
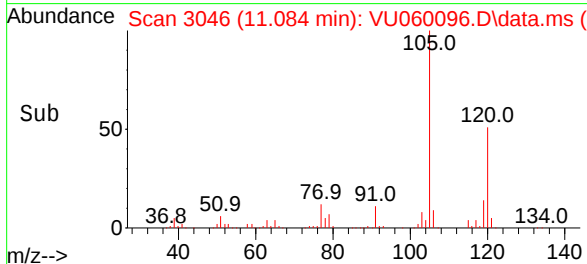
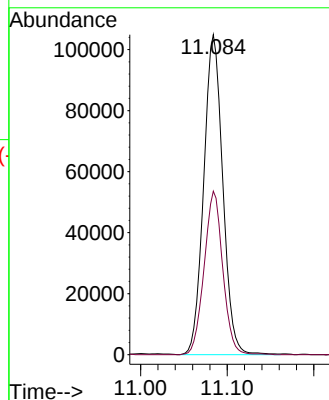
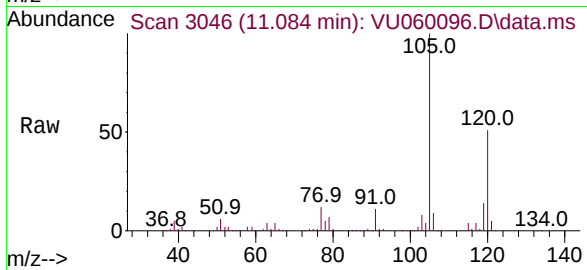
ClientSampleId :

Tgt Ion:105 Resp: 160539

Ion Ratio Lower Upper

105 100

120 50.0 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 5.037 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU060096.D

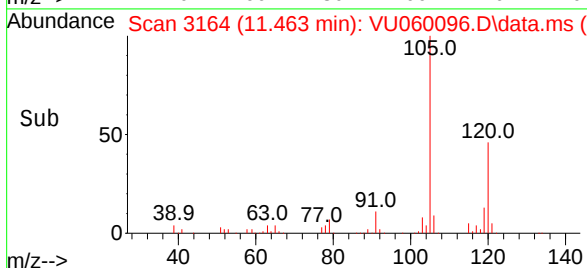
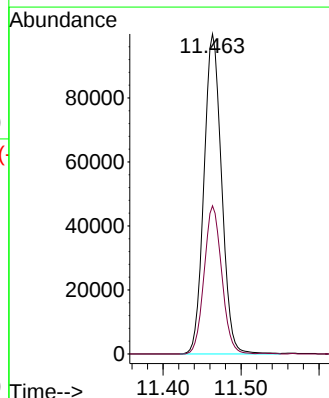
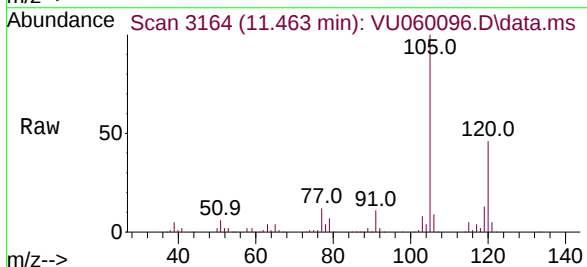
Acq: 22 Jul 2024 16:21

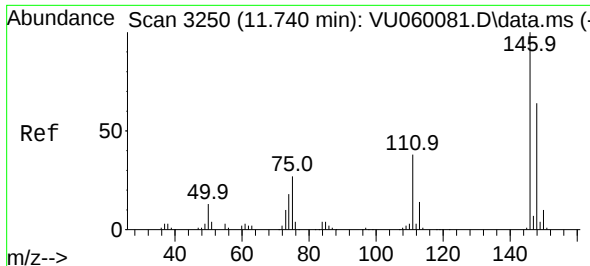
Tgt Ion:105 Resp: 157027

Ion Ratio Lower Upper

105 100

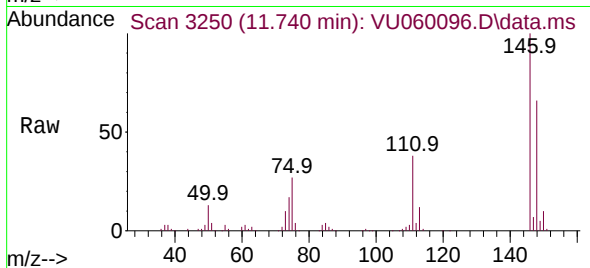
120 46.2 36.7 55.1



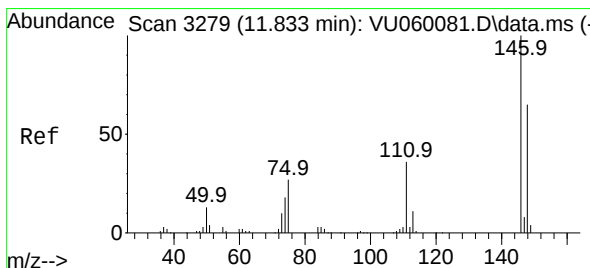
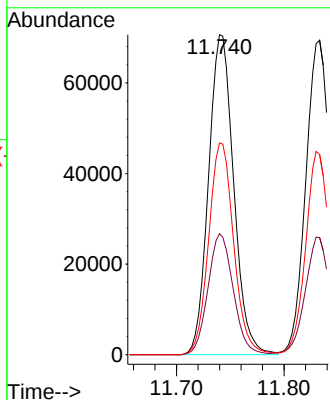
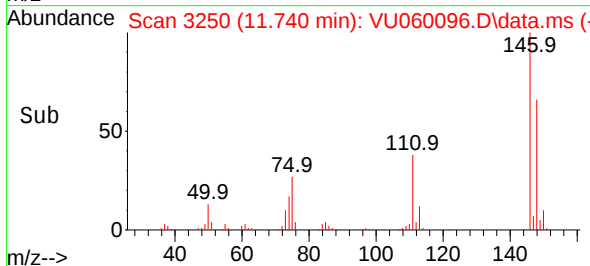


#64
1,3-Dichlorobenzene
Concen: 5.050 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

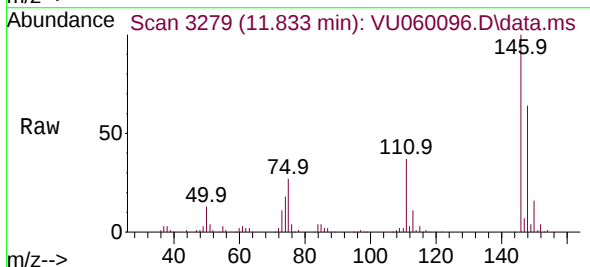
Instrument :
MSVOA_U
ClientSampleId :



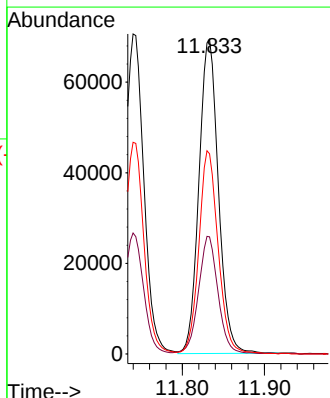
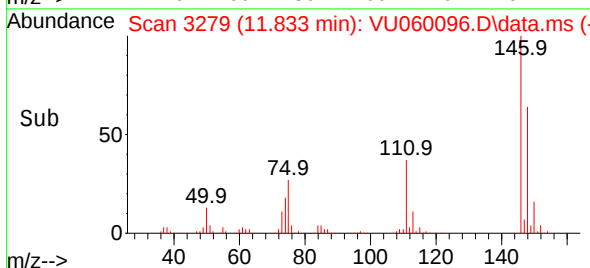
Tgt Ion:146 Resp: 114745
Ion Ratio Lower Upper
146 100
111 37.8 27.2 50.4
148 66.1 44.3 82.3

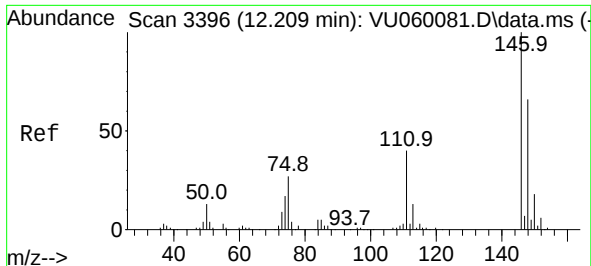


#65
1,4-Dichlorobenzene
Concen: 4.941 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21



Tgt Ion:146 Resp: 114278
Ion Ratio Lower Upper
146 100
111 37.2 26.5 49.1
148 63.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.026 ug/L

RT: 12.206 min Scan# 3396

Delta R.T. 0.000 min

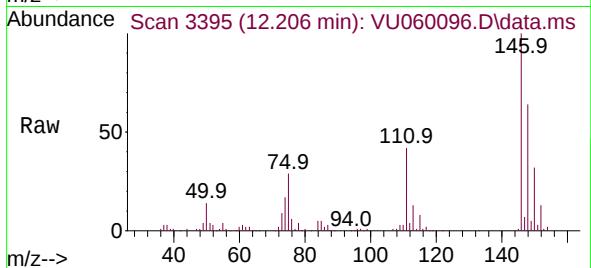
Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :



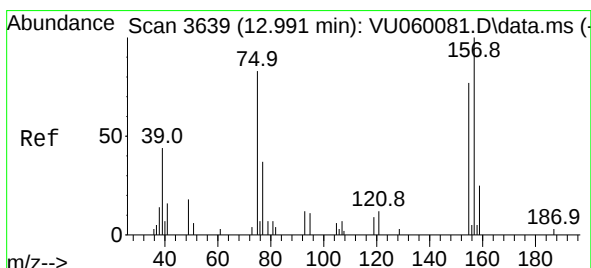
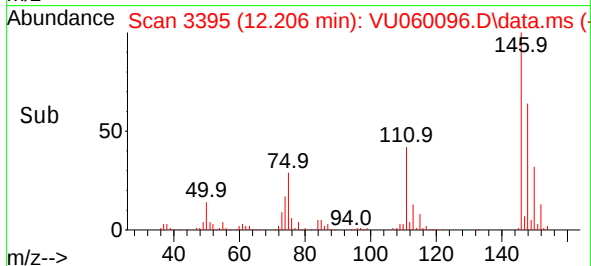
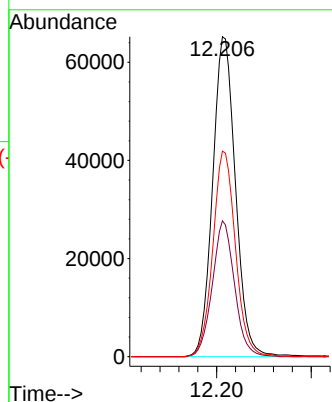
Tgt Ion:146 Resp: 109306

Ion Ratio Lower Upper

146 100

111 42.4 30.9 46.3

148 64.2 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.462 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060096.D

Acq: 22 Jul 2024 16:21

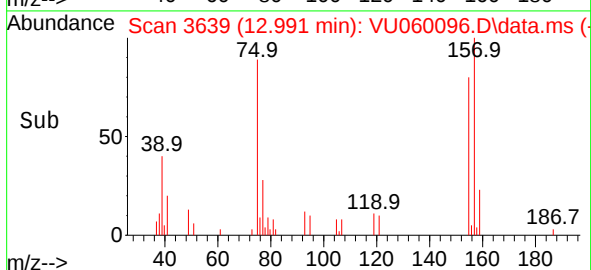
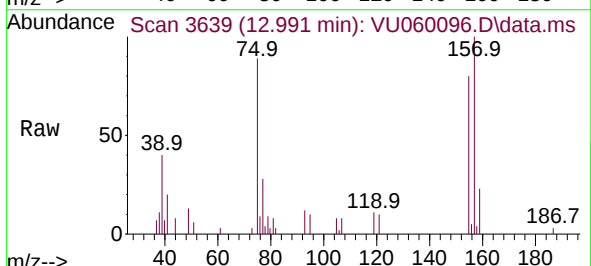
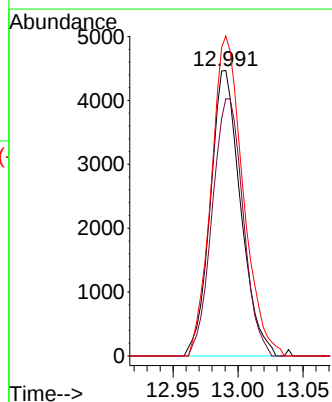
Tgt Ion: 75 Resp: 7245

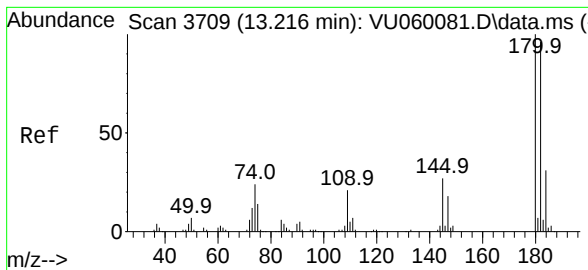
Ion Ratio Lower Upper

75 100

155 90.1 70.6 105.8

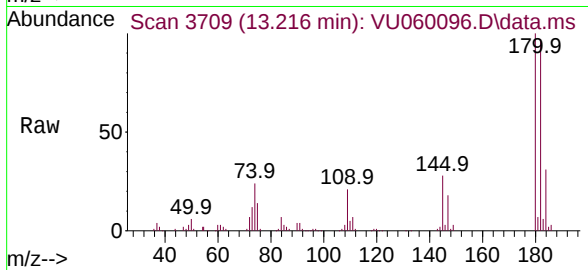
157 112.1 99.4 149.2



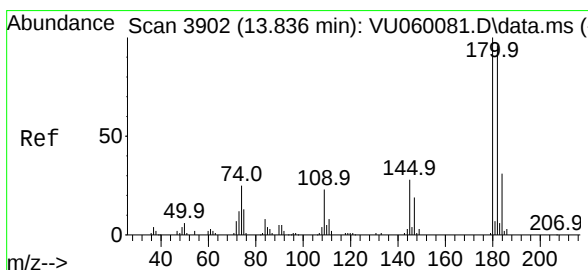
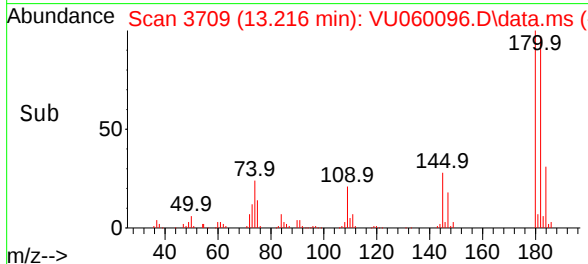
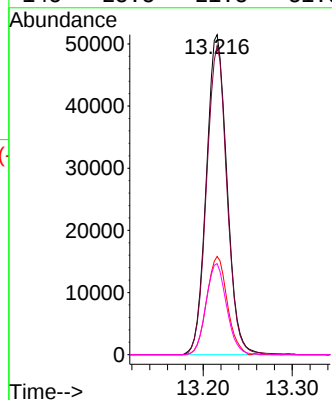


#69
 1,3,5-Trichlorobenzene
 Concen: 4.837 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.003 min
 Lab File: VU060096.D
 Acq: 22 Jul 2024 16:21

Instrument :
 MSVOA_U
 ClientSampleId :

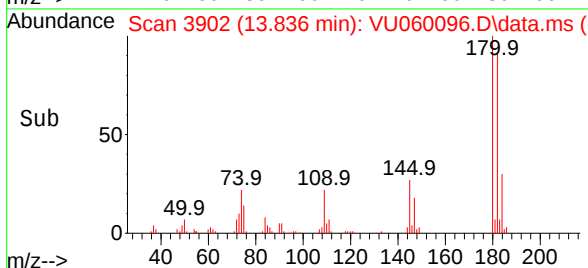
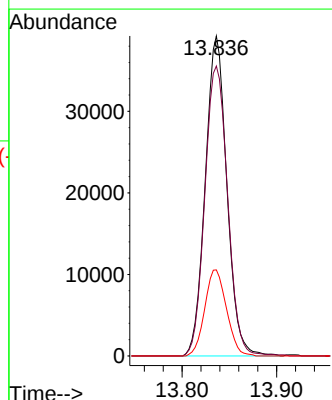
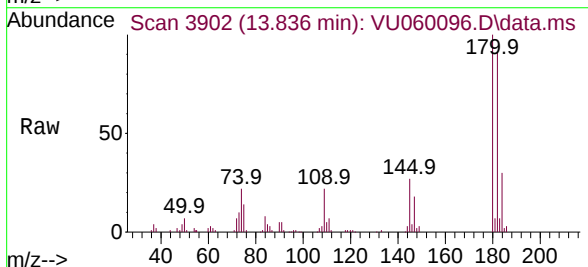


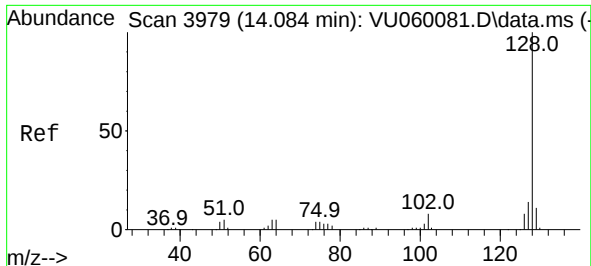
Tgt Ion:180 Resp: 82936
 Ion Ratio Lower Upper
 180 100
 182 95.4 74.6 111.8
 184 30.5 23.1 34.7
 145 28.3 21.3 31.9



#70
 1,2,4-trichlorobenzene
 Concen: 4.785 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU060096.D
 Acq: 22 Jul 2024 16:21

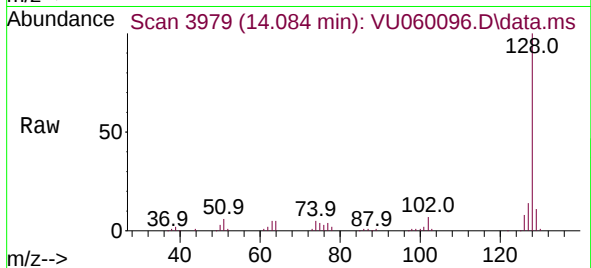
Tgt Ion:180 Resp: 62445
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.2 115.8
 145 27.0 23.0 34.4



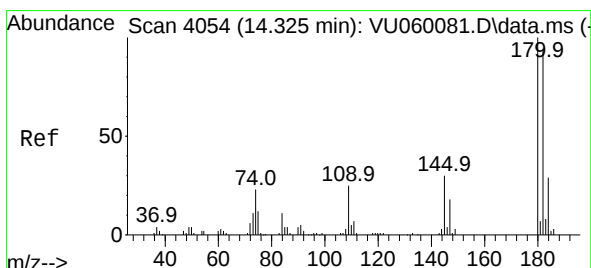
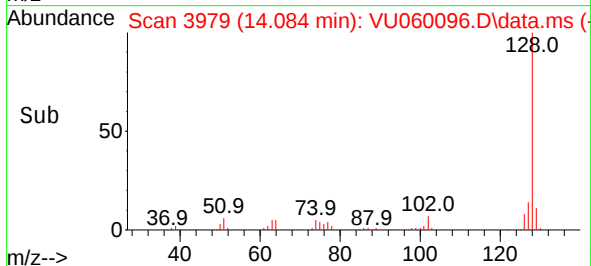
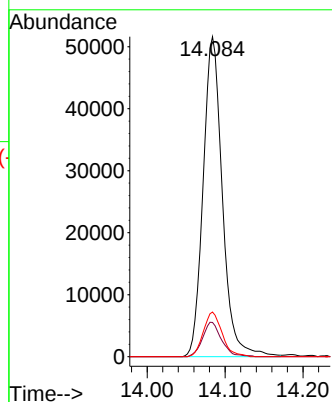


#71
Naphthalene
Concen: 4.789 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 88561
Ion Ratio Lower Upper
128 100
129 10.6 8.2 12.4
127 13.6 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.108 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU060096.D
Acq: 22 Jul 2024 16:21

Tgt Ion:180 Resp: 59955
Ion Ratio Lower Upper
180 100
182 96.8 76.3 114.5
145 29.9 23.9 35.9

