

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056298.D
 Acq On : 14 Nov 2023 11:20
 Operator : MD/SY
 Sample : 05333-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:39:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 00:09:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	300839	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	292453	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	148179	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	100043	4.446	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.907	69	87686	5.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.563	65	47262	4.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.618	46	219610	48.945	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.880%
24) Chloroform-d	5.055	84	212036	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.695	65	101005	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.721	84	410770	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.685	67	126068	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.894	98	368922	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.177	79	49388	4.904	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.627	63	198627	50.184	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	92626	4.936	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	123321	4.505	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	134813	5.656	ug/L	98
3) Chloromethane	1.518	50	121157	4.974	ug/L	100
5) Vinyl chloride	1.602	62	127263	5.423	ug/L	99
6) Bromomethane	1.853	94	52602	4.428	ug/L	89
8) Chloroethane	1.930	64	85497	5.964	ug/L	98
9) Trichlorofluoromethane	2.136	101	195409	5.778	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	115647	5.760	ug/L	99
12) 1,1-Dichloroethene	2.576	96	104631	5.682	ug/L	92
13) Acetone	2.624	43	129641	33.924	ug/L	97
14) Carbon disulfide	2.792	76	324404	5.413	ug/L	98
15) Methyl Acetate	2.946	43	36699	5.396	ug/L	98
16) Methylene chloride	3.039	84	113101	4.641	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	247647	5.535	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	110388	5.826	ug/L	95
19) 1,1-Dichloroethane	3.862	63	211271	5.629	ug/L	99
21) 2-Butanone	4.698	43	228949	46.171	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	120857	5.624	ug/L	97
23) Bromochloromethane	4.968	128	48950	5.534	ug/L	97
25) Chloroform	5.081	83	219774	5.405	ug/L	98

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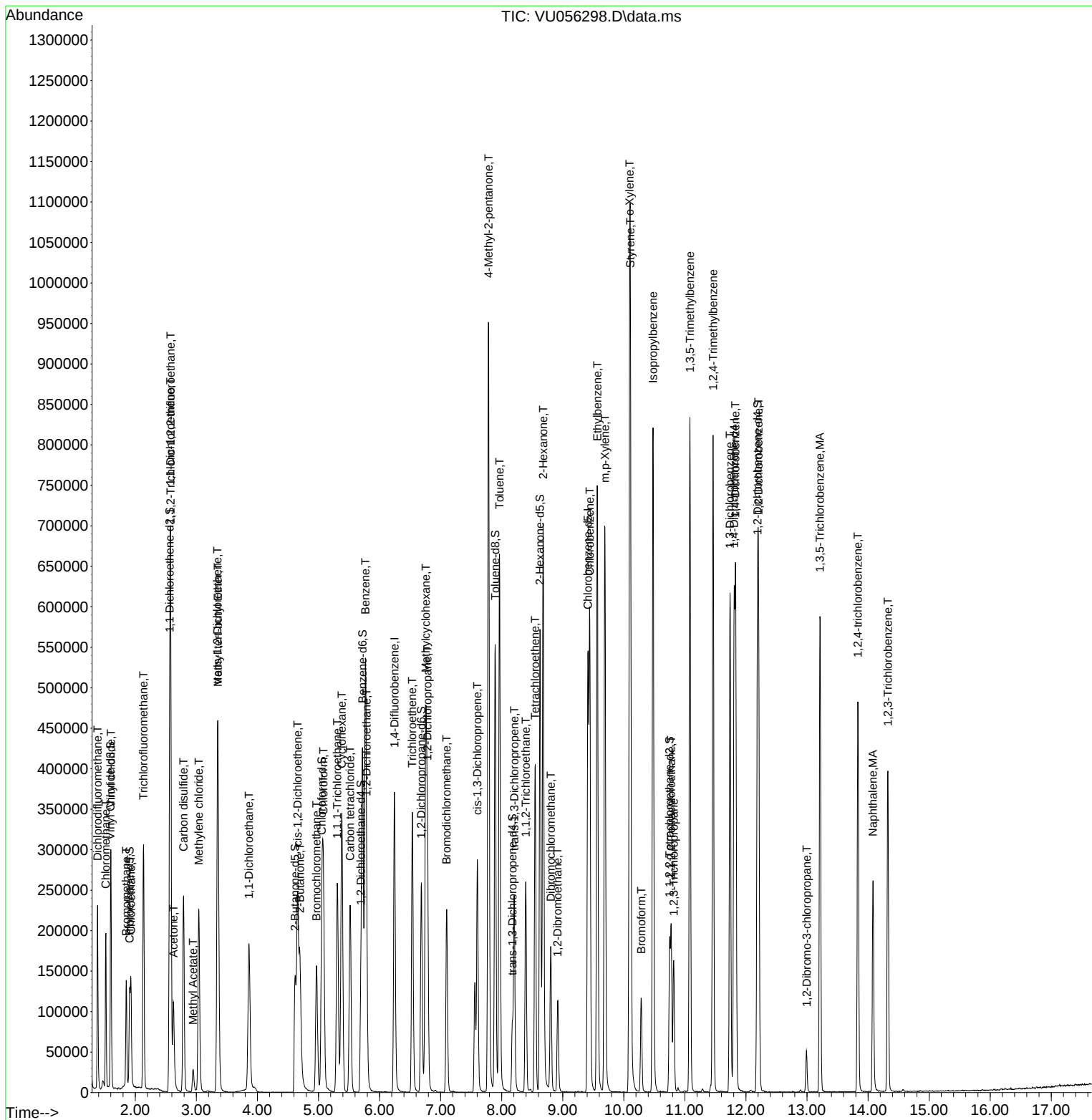
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 ClientSampleId :

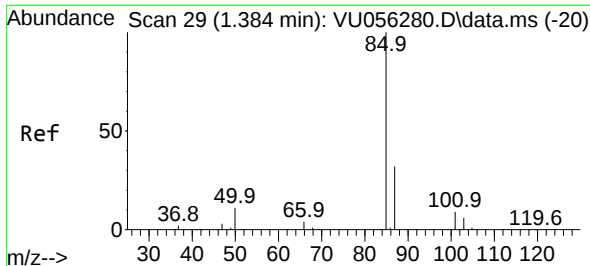
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	133055	5.763	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	193878	5.775	ug/L	100
30) Cyclohexane	5.383	56	176874	5.551	ug/L	99
31) Carbon tetrachloride	5.518	117	164375	5.701	ug/L	98
33) Benzene	5.769	78	470898	5.643	ug/L	100
34) Trichloroethene	6.537	95	126642	5.570	ug/L	98
35) Methylcyclohexane	6.756	83	183766	5.599	ug/L	99
37) 1,2-Dichloropropane	6.785	63	119708	5.501	ug/L	100
38) Bromodichloromethane	7.100	83	151160	5.381	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	177586	5.554	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	598816	55.511	ug/L	99
42) Toluene	7.965	91	497094	5.754	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	142570	5.593	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	81521	5.625	ug/L	98
47) Tetrachloroethene	8.550	164	86814	5.662	ug/L	98
48) 2-Hexanone	8.679	43	435130	51.778	ug/L	99
49) Dibromochloromethane	8.804	129	92992	5.642	ug/L	99
50) 1,2-Dibromoethane	8.917	107	76750	5.609	ug/L	99
51) Chlorobenzene	9.444	112	306163	5.515	ug/L	98
52) Ethylbenzene	9.566	91	547209	5.704	ug/L	99
53) m,p-Xylene	9.692	106	206250	5.848	ug/L	99
54) o-Xylene	10.097	106	199131	5.813	ug/L	96
55) Styrene	10.110	104	339478	5.957	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	99758	5.637	ug/L	96
59) Bromoform	10.286	173	52369	5.674	ug/L	97
60) Isopropylbenzene	10.479	105	541953	5.671	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	71057	5.589	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	457035	5.825	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	454139	5.864	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	243045	5.591	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	238425	5.468	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	223750	5.610	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	13856	5.102	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	175819	5.372	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	141296	5.301	ug/L	100
71) Naphthalene	14.081	128	211263	5.245	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	118019	5.375	ug/L	97

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

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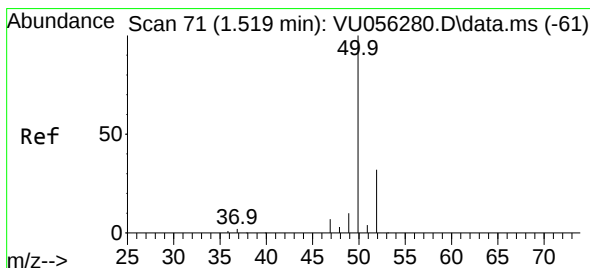
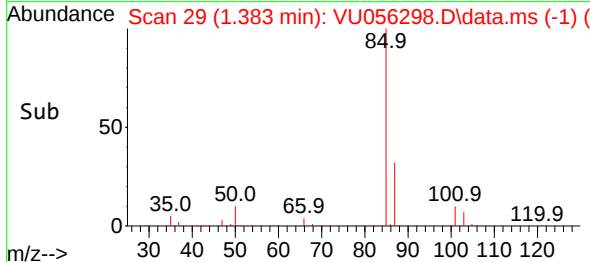
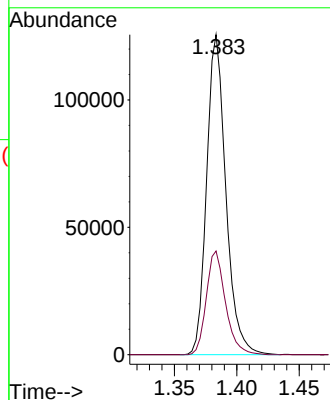
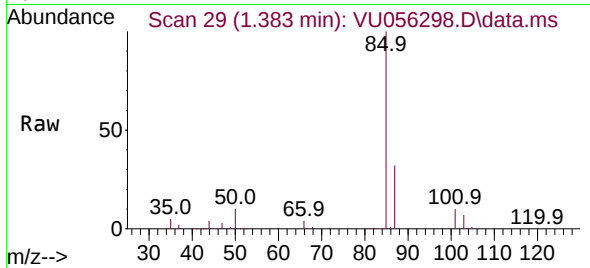




#2
 Dichlorodifluoromethane
 Concen: 5.656 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056298.D
 Acq: 14 Nov 2023 11:20

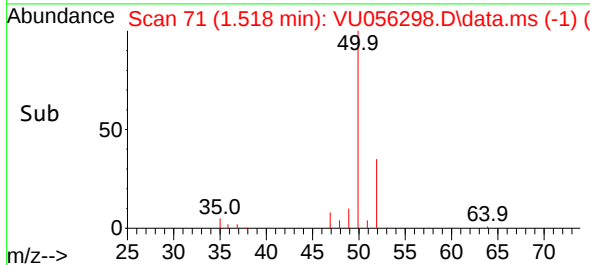
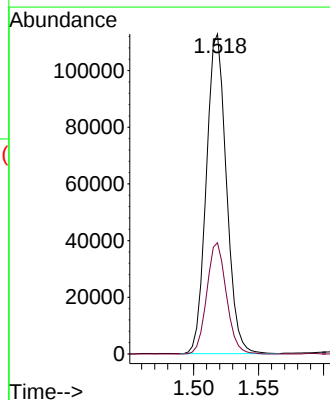
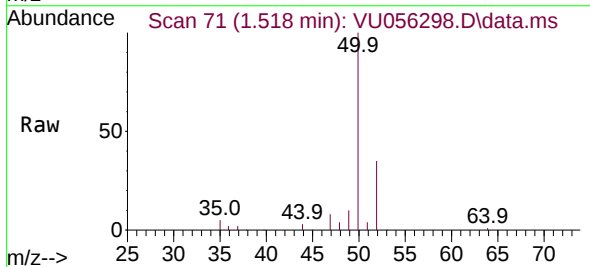
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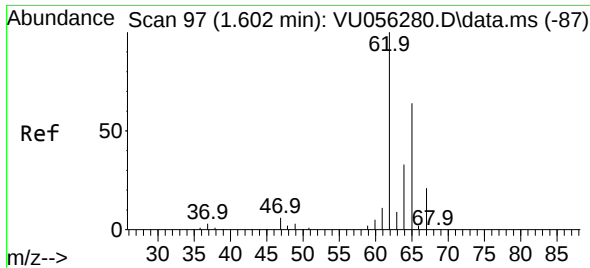
Tgt Ion: 85 Resp: 134813
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.0 37.4



#3
 Chloromethane
 Concen: 4.974 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU056298.D
 Acq: 14 Nov 2023 11:20

Tgt Ion: 50 Resp: 121157
 Ion Ratio Lower Upper
 50 100
 52 34.7 24.3 45.1

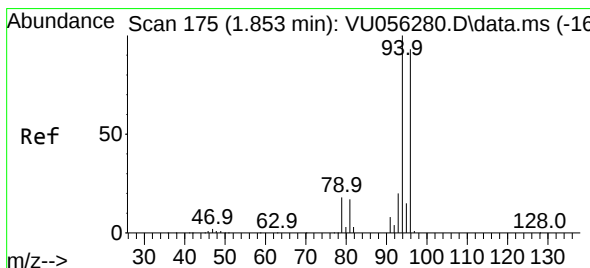
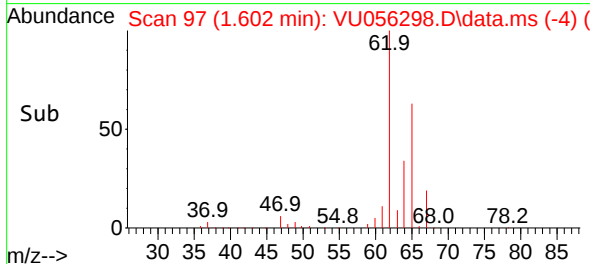
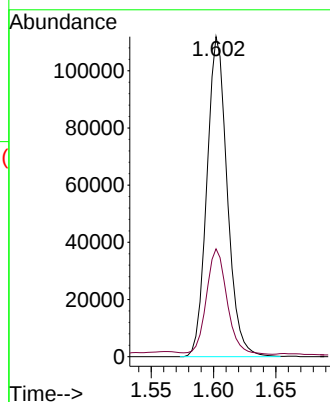
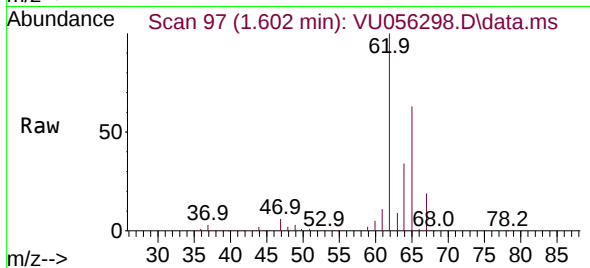




#5
 Vinyl chloride
 Concen: 5.423 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056298.D
 Acq: 14 Nov 2023 11:20

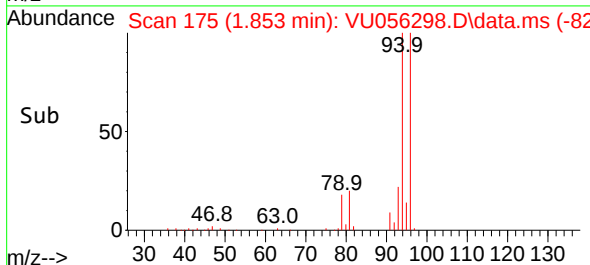
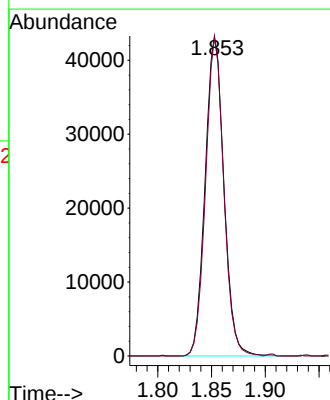
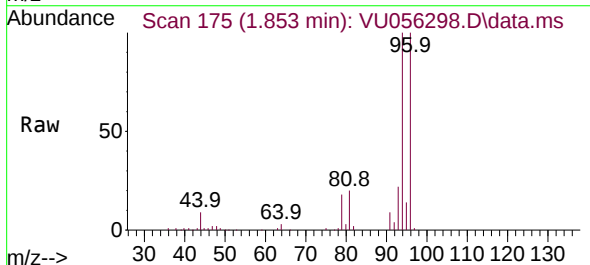
Instrument :
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 ClientSampleId :

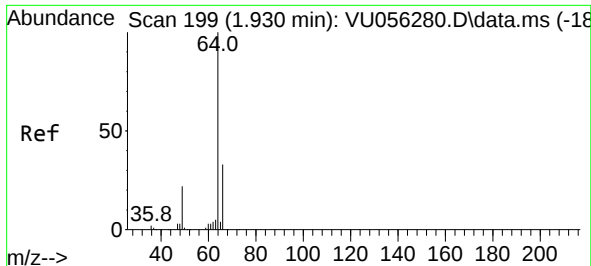
Tgt Ion: 62 Resp: 127263
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.3 43.3



#6
 Bromomethane
 Concen: 4.428 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU056298.D
 Acq: 14 Nov 2023 11:20

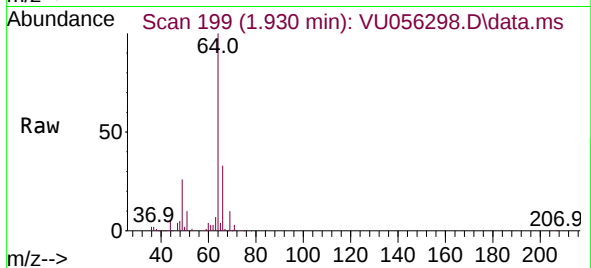
Tgt Ion: 94 Resp: 52602
 Ion Ratio Lower Upper
 94 100
 96 99.6 62.6 116.2



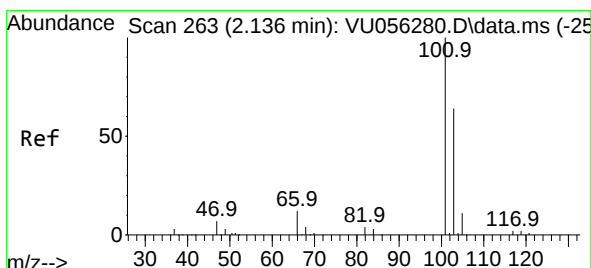
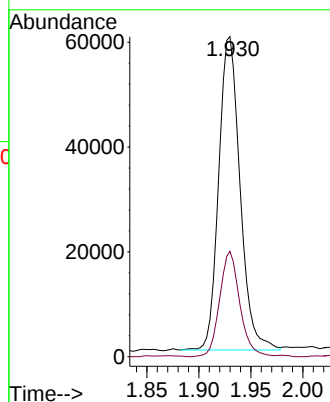
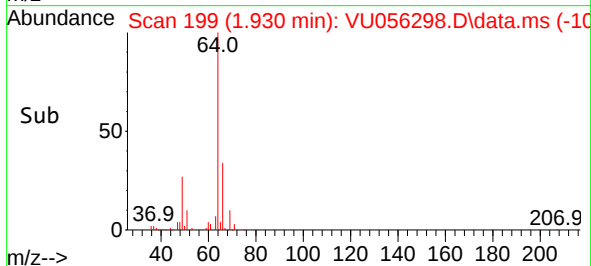


#8
Chloroethane
Concen: 5.964 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :

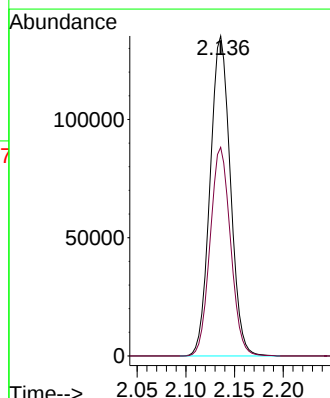
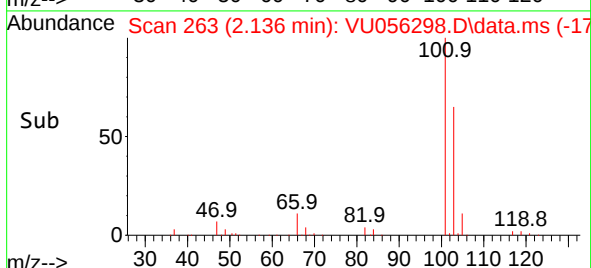
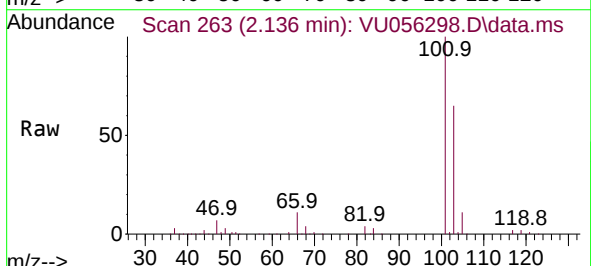


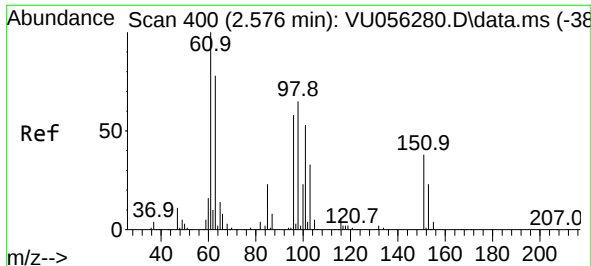
Tgt Ion: 64 Resp: 85497
Ion Ratio Lower Upper
64 100
66 32.9 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.778 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

Tgt Ion: 101 Resp: 195409
Ion Ratio Lower Upper
101 100
103 65.7 52.0 78.0

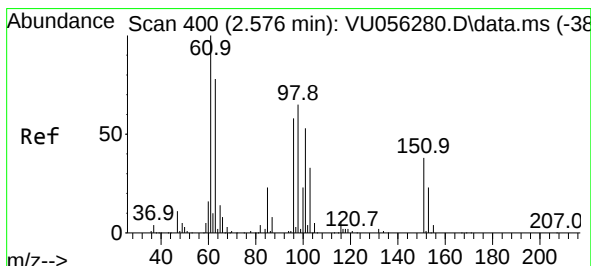
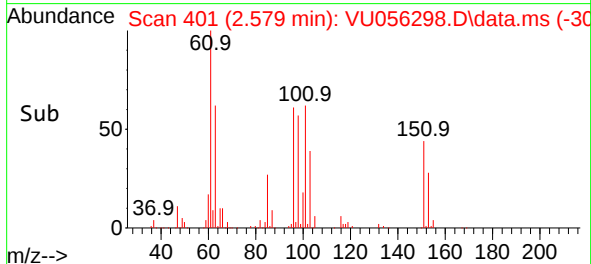
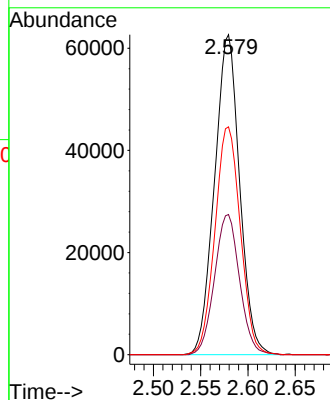
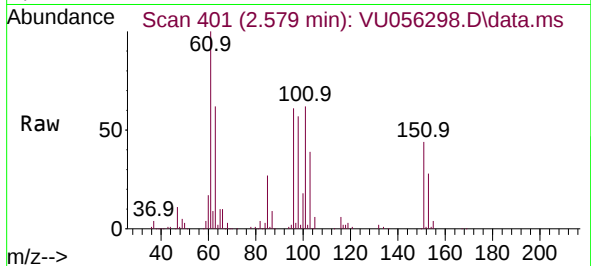




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.760 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU056298.D
 Acq: 14 Nov 2023 11:20

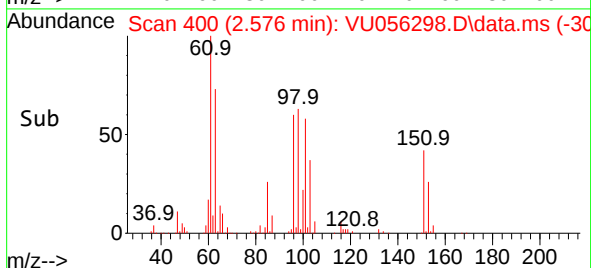
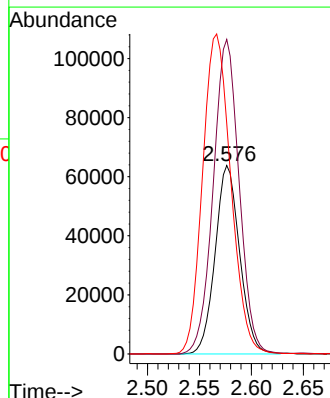
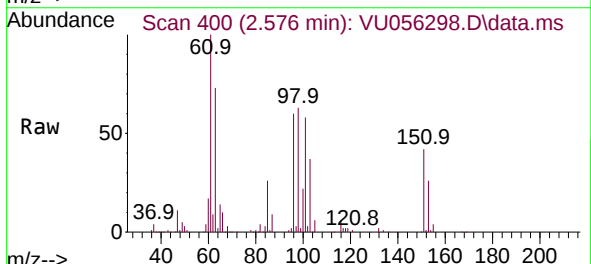
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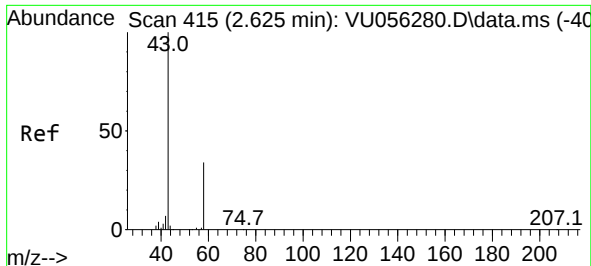
Tgt Ion:101 Resp: 115647
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.4 53.0
 151 72.1 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 5.682 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056298.D
 Acq: 14 Nov 2023 11:20

Tgt Ion: 96 Resp: 104631
 Ion Ratio Lower Upper
 96 100
 61 167.0 123.1 228.7
 63 122.2 93.3 173.3





#13

Acetone

Concen: 33.924 ug/L

RT: 2.624 min Scan# 415

Delta R.T. -0.000 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

Instrument :

MSVOA_U

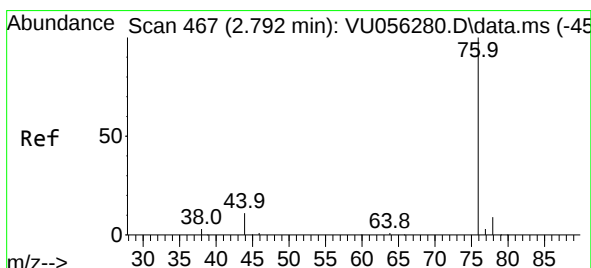
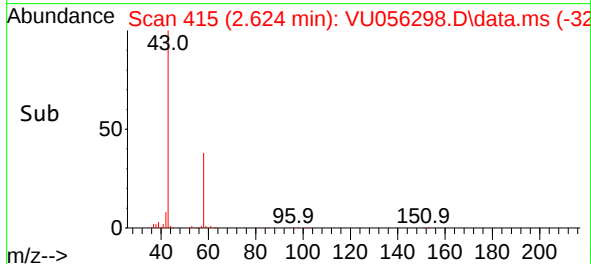
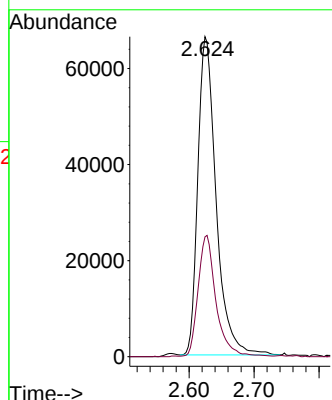
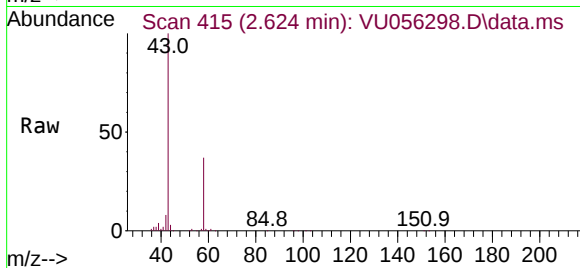
ClientSampleId :

Tgt Ion: 43 Resp: 129641

Ion Ratio Lower Upper

43 100

58 36.9 0.0 70.0



#14

Carbon disulfide

Concen: 5.413 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU056298.D

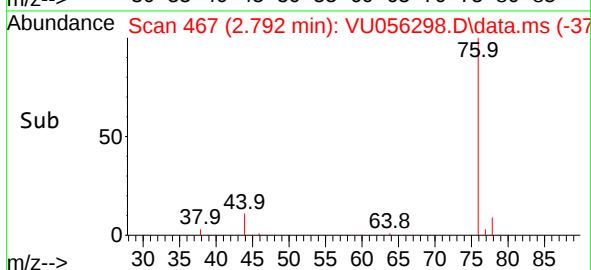
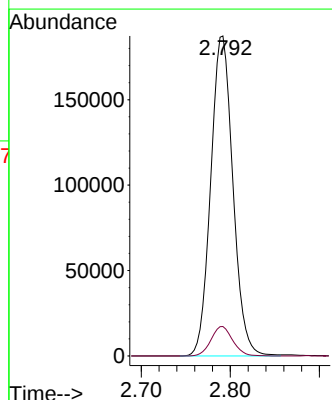
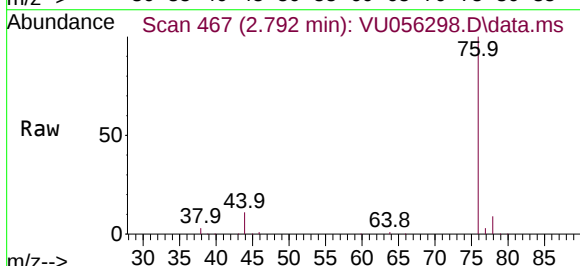
Acq: 14 Nov 2023 11:20

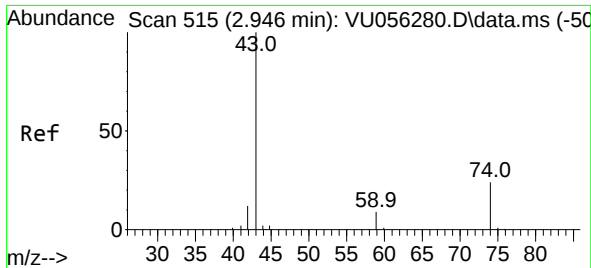
Tgt Ion: 76 Resp: 324404

Ion Ratio Lower Upper

76 100

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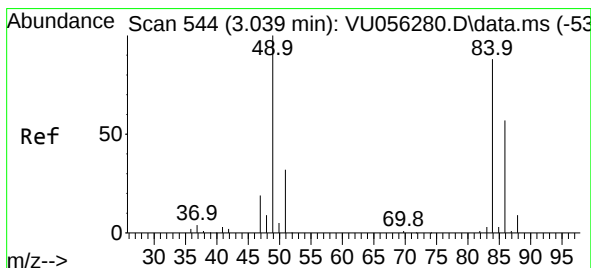
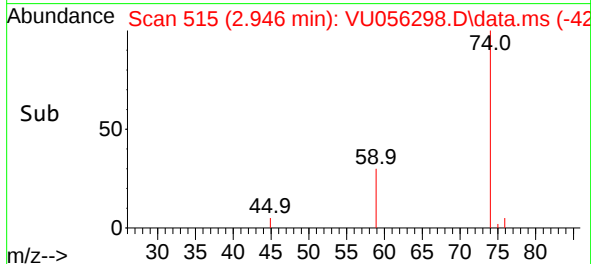
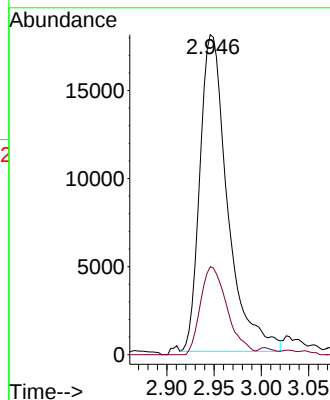
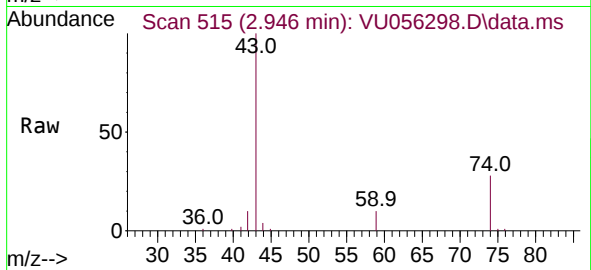




#15
Methyl Acetate
Concen: 5.396 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

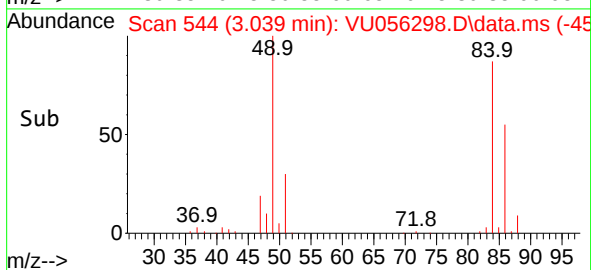
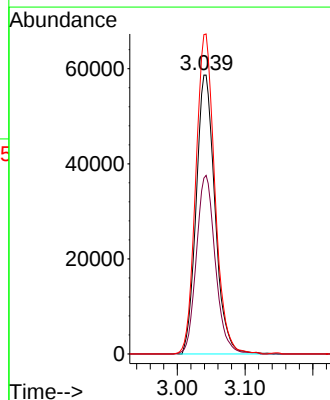
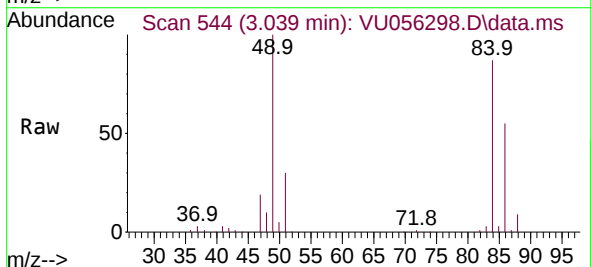
Instrument :
MSVOA_U
ClientSampleId :

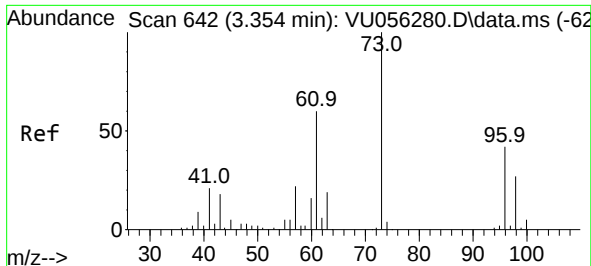
Tgt Ion: 43 Resp: 36699
Ion Ratio Lower Upper
43 100
74 26.9 20.6 31.0



#16
Methylene chloride
Concen: 4.641 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

Tgt Ion: 84 Resp: 113101
Ion Ratio Lower Upper
84 100
86 63.0 44.7 83.1
49 114.5 81.8 152.0





#17

Methyl tert-butyl Ether

Concen: 5.535 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

Instrument :

MSVOA_U

ClientSampleId :

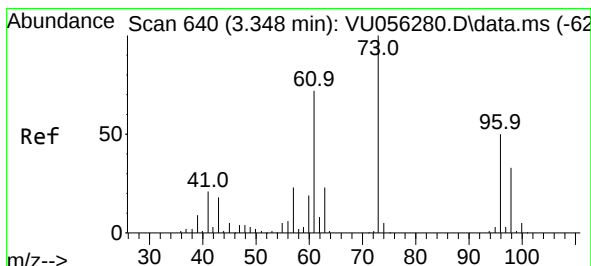
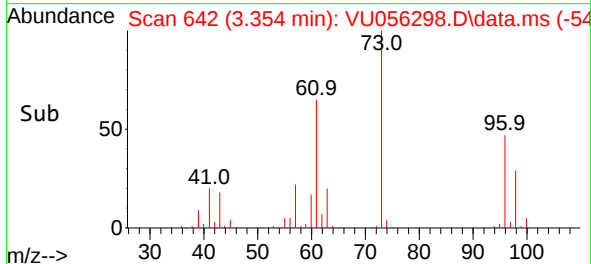
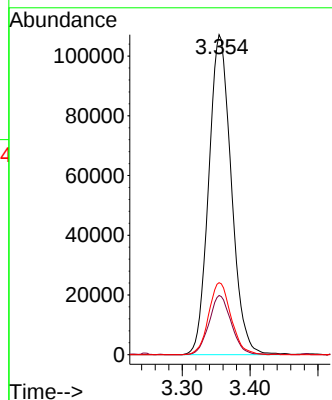
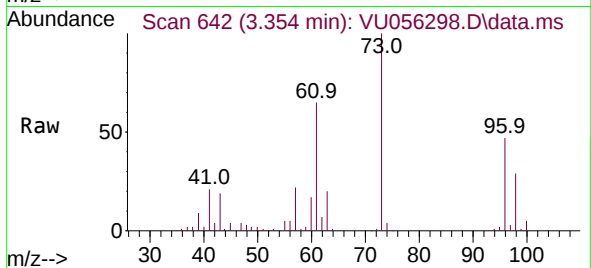
Tgt Ion: 73 Resp: 247647

Ion Ratio Lower Upper

73 100

43 18.3 15.1 22.7

57 22.3 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 5.826 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

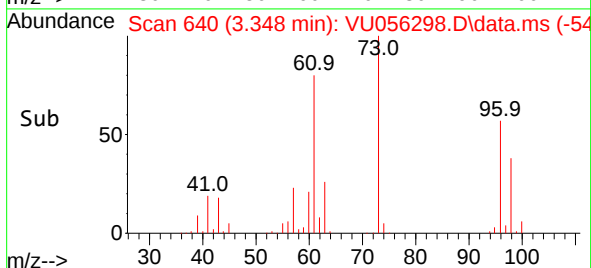
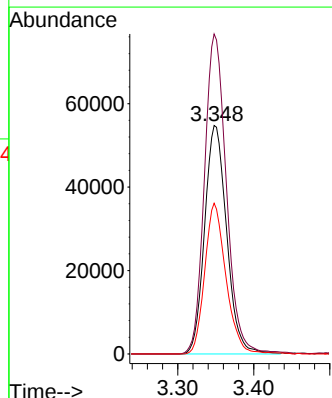
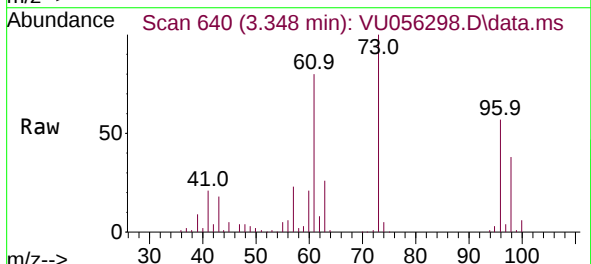
Tgt Ion: 96 Resp: 110388

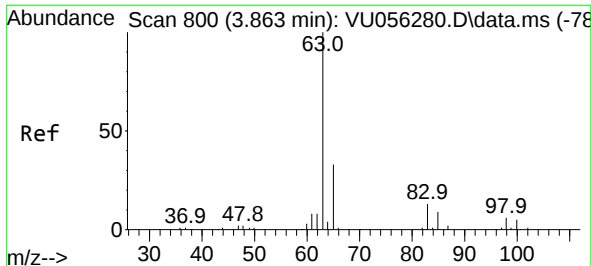
Ion Ratio Lower Upper

96 100

61 140.0 101.7 188.9

98 65.9 43.0 80.0





#19

1,1-Dichloroethane

Concen: 5.629 ug/L

RT: 3.862 min Scan# 80

Delta R.T. -0.000 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

Instrument :

MSVOA_U

ClientSampleId :

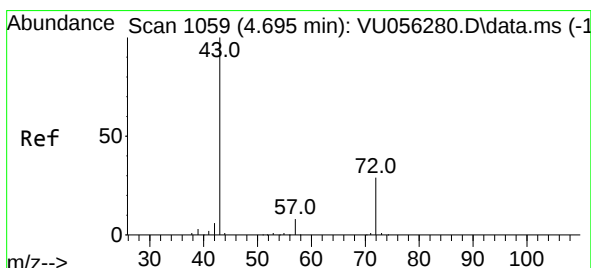
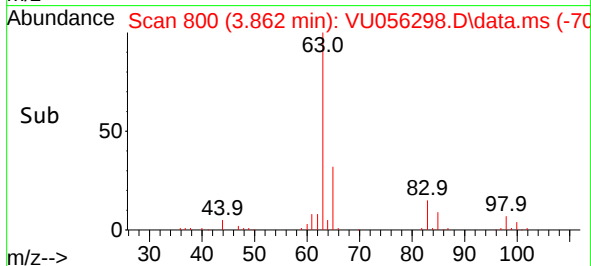
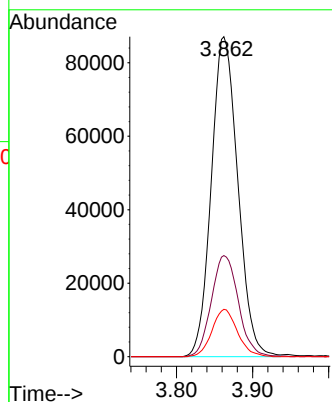
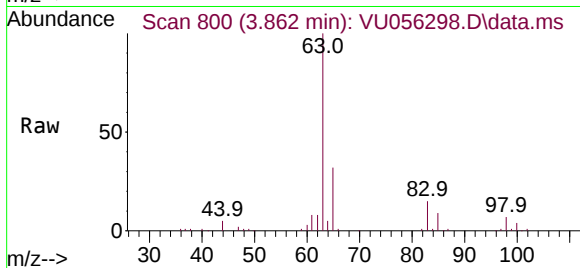
Tgt Ion: 63 Resp: 211271

Ion Ratio Lower Upper

63 100

65 31.6 21.8 40.6

83 14.8 9.7 17.9



#21

2-Butanone

Concen: 46.171 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. 0.003 min

Lab File: VU056298.D

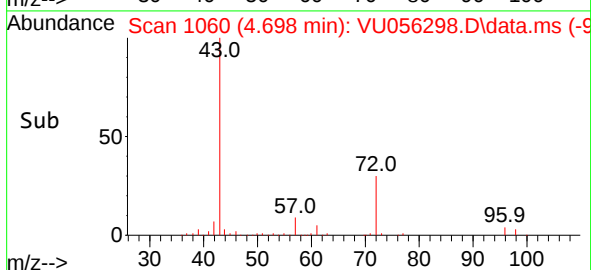
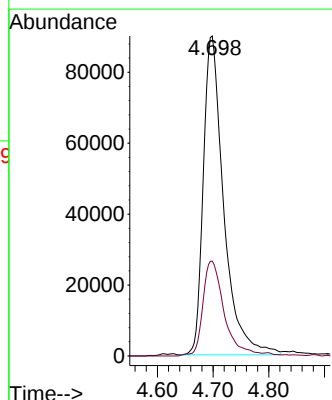
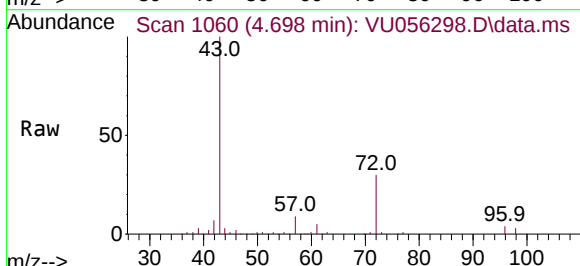
Acq: 14 Nov 2023 11:20

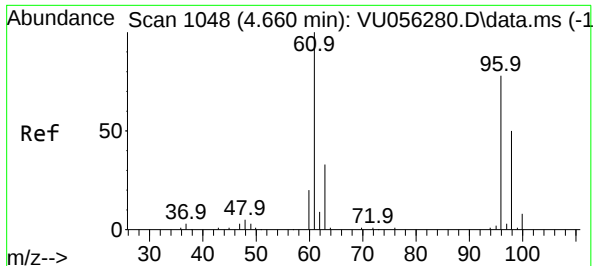
Tgt Ion: 43 Resp: 228949

Ion Ratio Lower Upper

43 100

72 30.9 14.2 42.6

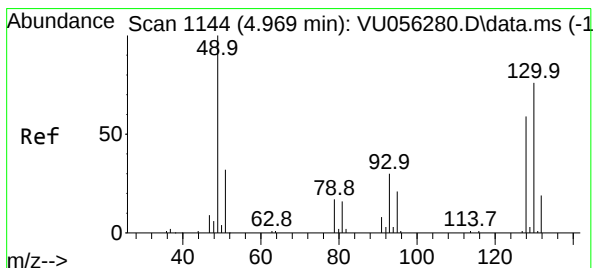
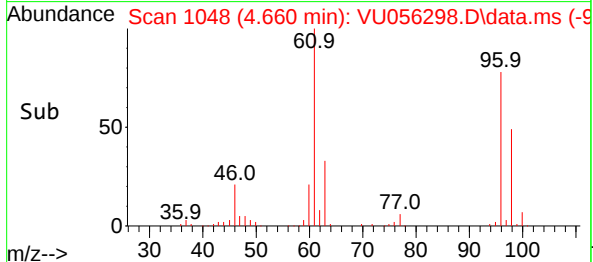
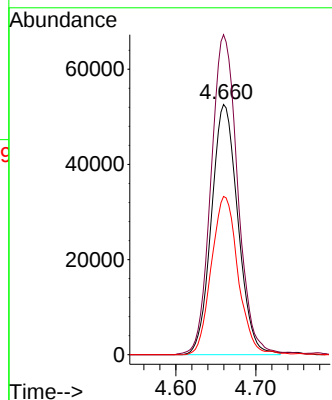
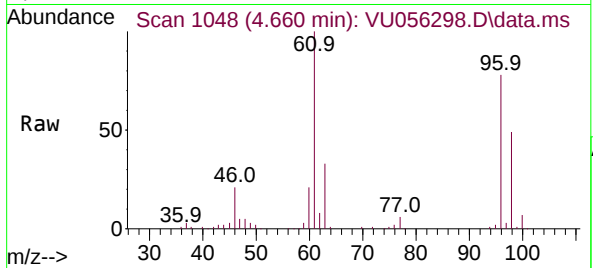




#22
 cis-1,2-Dichloroethene
 Concen: 5.624 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056298.D
 Acq: 14 Nov 2023 11:20

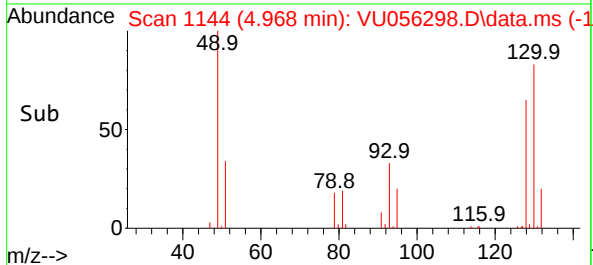
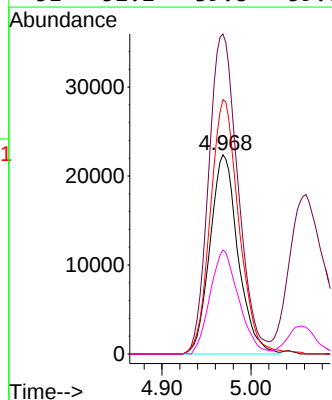
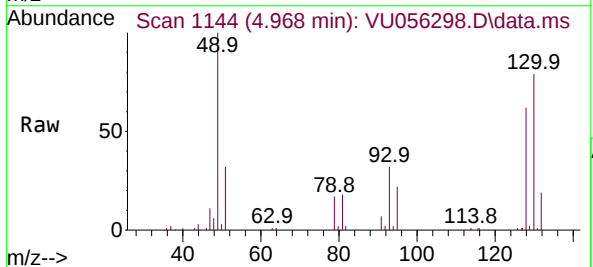
Instrument :
 MSVOA_U
 ClientSampleId :

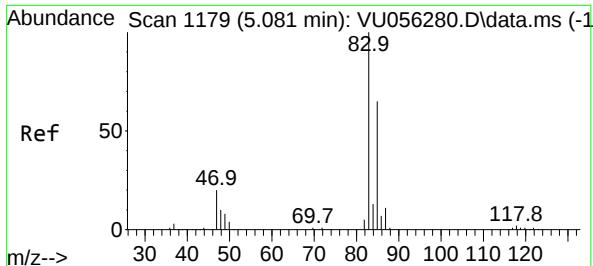
Tgt Ion: 96 Resp: 120857
 Ion Ratio Lower Upper
 96 100
 61 127.9 93.2 173.2
 98 63.3 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.534 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056298.D
 Acq: 14 Nov 2023 11:20

Tgt Ion: 128 Resp: 48950
 Ion Ratio Lower Upper
 128 100
 49 160.6 113.4 210.6
 130 127.6 84.8 157.6
 51 52.2 39.8 59.6





#25

Chloroform

Concen: 5.405 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

Instrument :

MSVOA_U

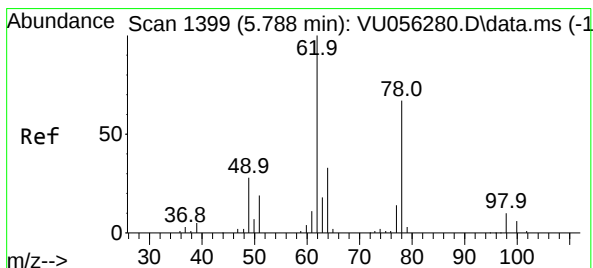
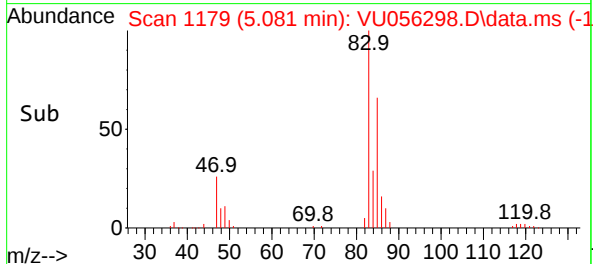
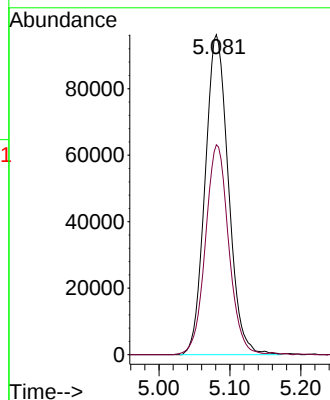
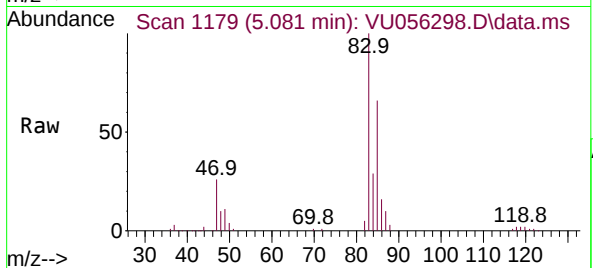
ClientSampleId :

Tgt Ion: 83 Resp: 219774

Ion Ratio Lower Upper

83 100

85 65.6 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.763 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056298.D

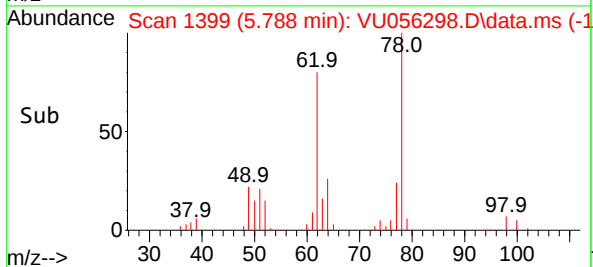
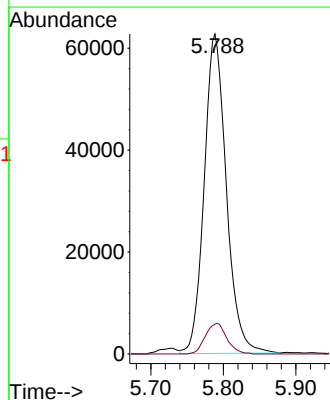
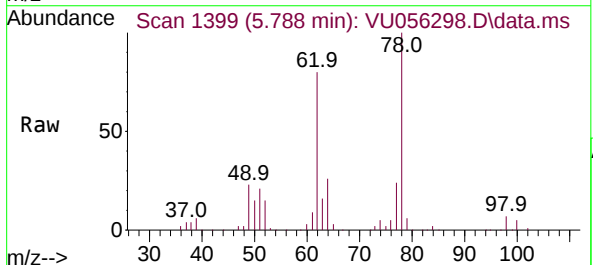
Acq: 14 Nov 2023 11:20

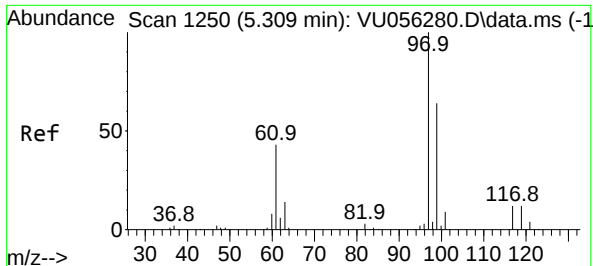
Tgt Ion: 62 Resp: 133055

Ion Ratio Lower Upper

62 100

98 9.3 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.775 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

Instrument :

MSVOA_U

ClientSampleId :

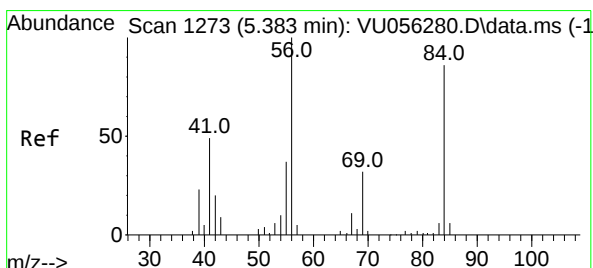
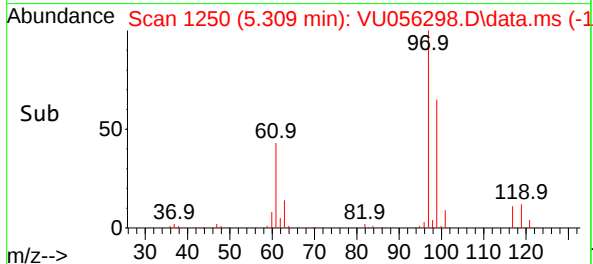
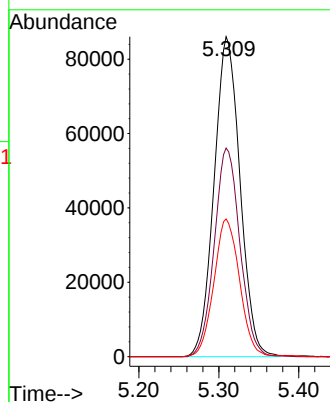
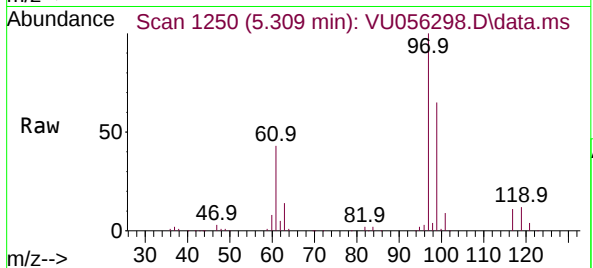
Tgt Ion: 97 Resp: 193878

Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 42.6 34.3 51.5



#30

Cyclohexane

Concen: 5.551 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

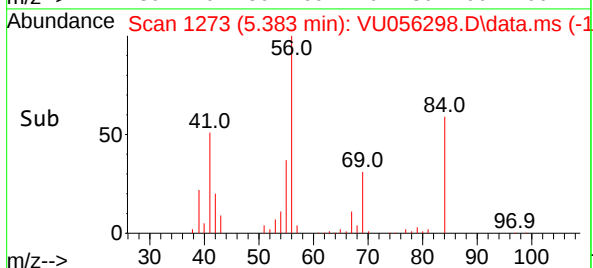
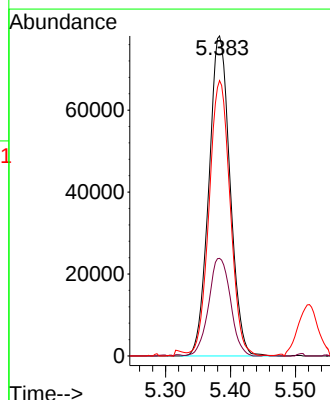
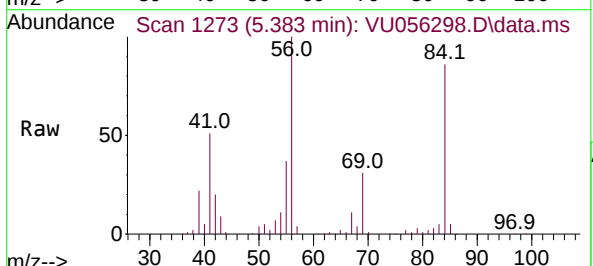
Tgt Ion: 56 Resp: 176874

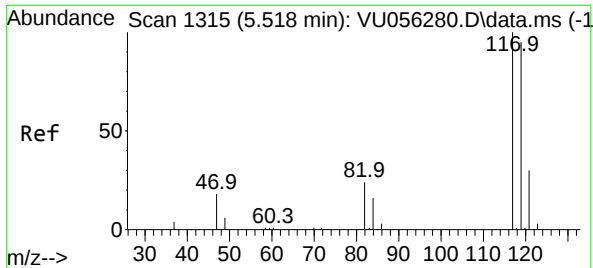
Ion Ratio Lower Upper

56 100

69 31.5 25.4 38.2

84 84.8 68.6 103.0

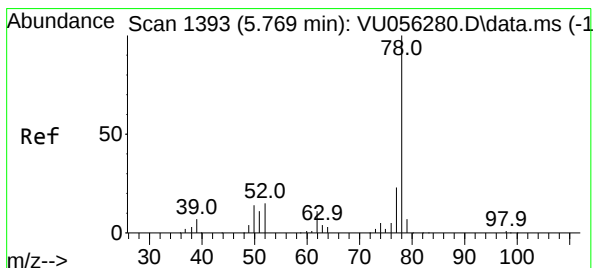
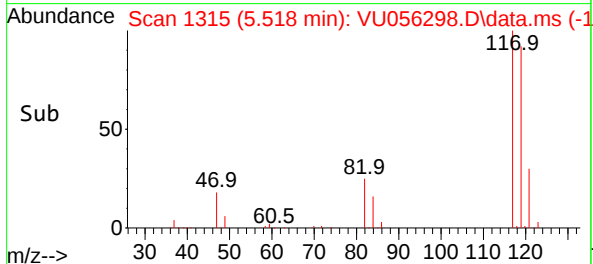
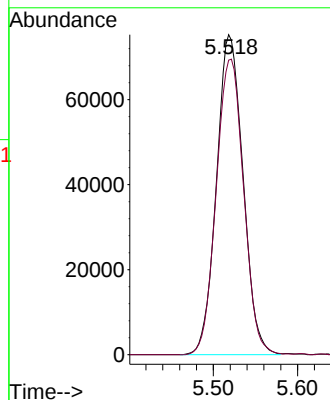
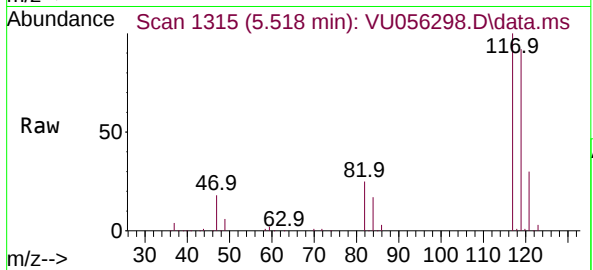




#31
Carbon tetrachloride
Concen: 5.701 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

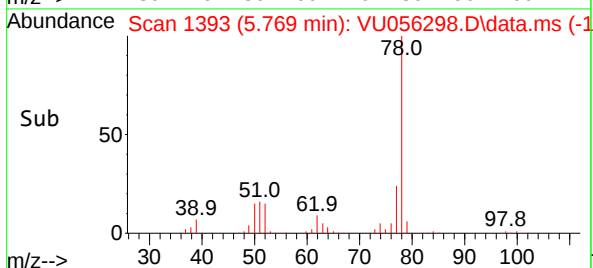
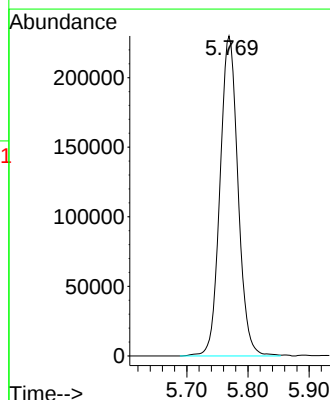
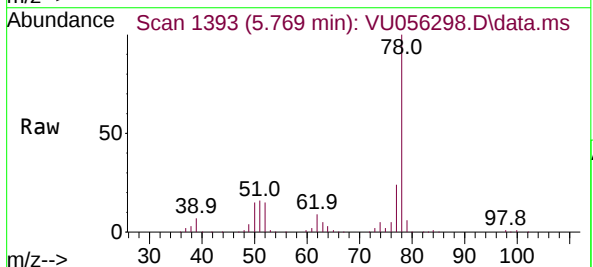
Instrument :
MSVOA_U
ClientSampleId :

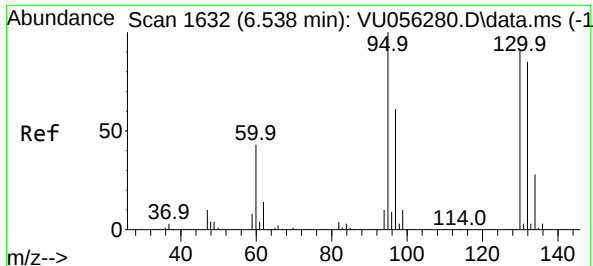
Tgt Ion:117 Resp: 164375
Ion Ratio Lower Upper
117 100
119 95.5 78.1 117.1



#33
Benzene
Concen: 5.643 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

Tgt Ion: 78 Resp: 470898

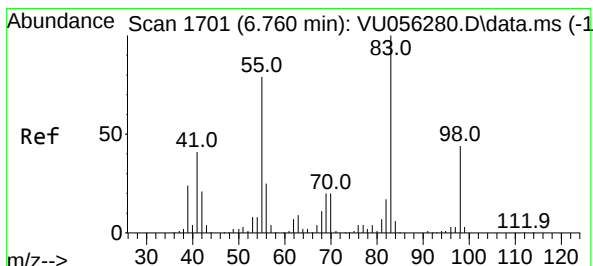
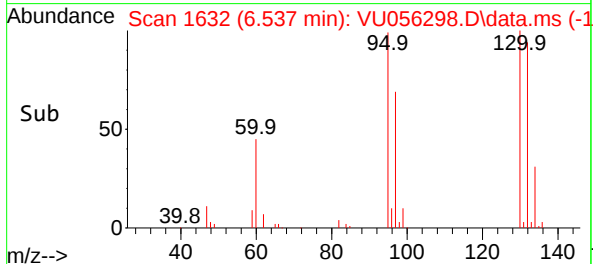
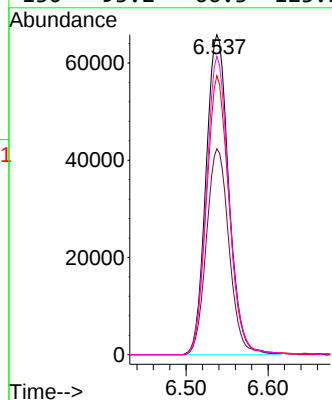
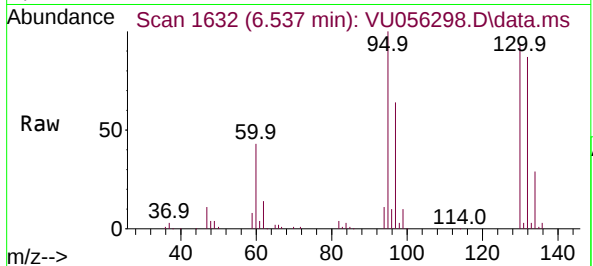




#34
Trichloroethene
Concen: 5.570 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

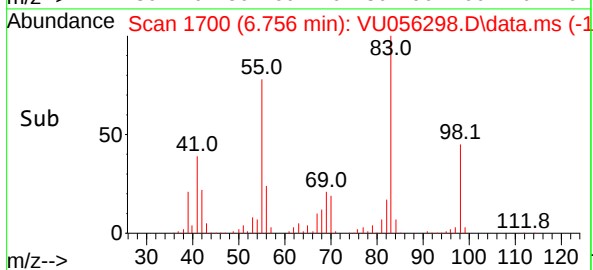
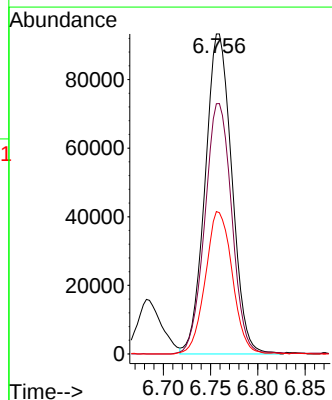
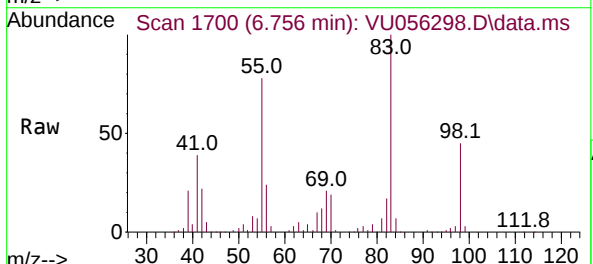
Instrument :
MSVOA_U
ClientSampleId :

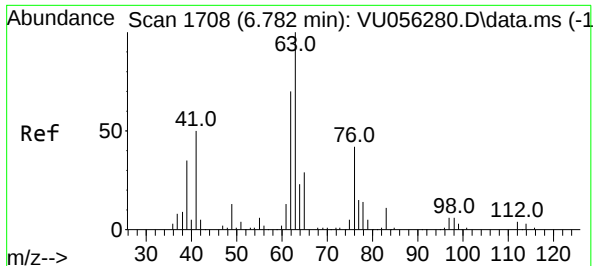
Tgt Ion: 95 Resp: 126642
Ion Ratio Lower Upper
95 100
97 64.3 46.5 86.3
132 87.2 62.0 115.2
130 93.2 66.3 123.1



#35
Methylcyclohexane
Concen: 5.599 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

Tgt Ion: 83 Resp: 183766
Ion Ratio Lower Upper
83 100
55 78.9 62.9 94.3
98 44.7 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.501 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

Instrument :

MSVOA_U

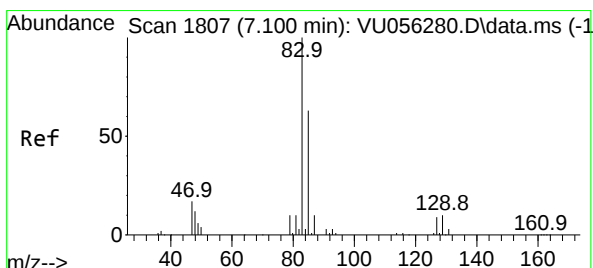
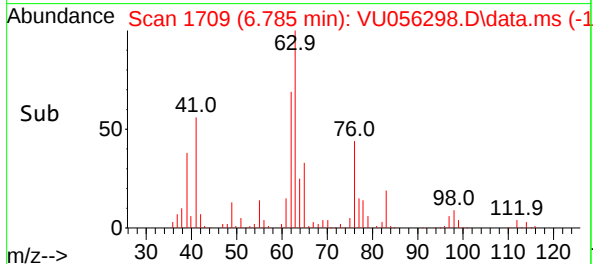
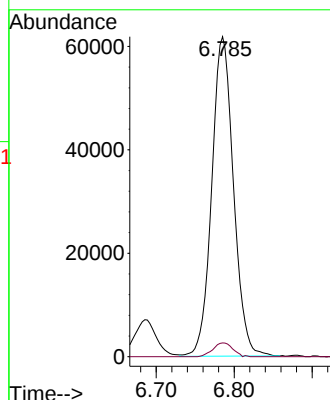
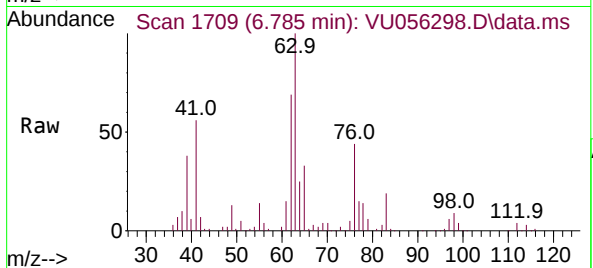
ClientSampleId :

Tgt Ion: 63 Resp: 119708

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 5.381 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

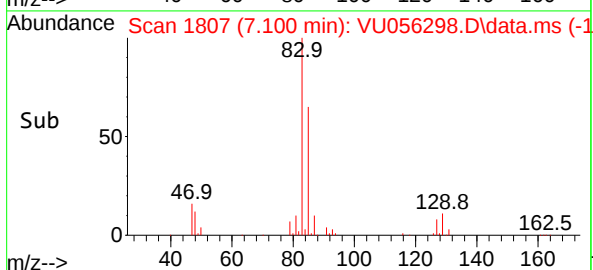
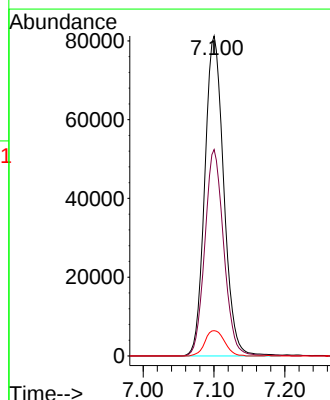
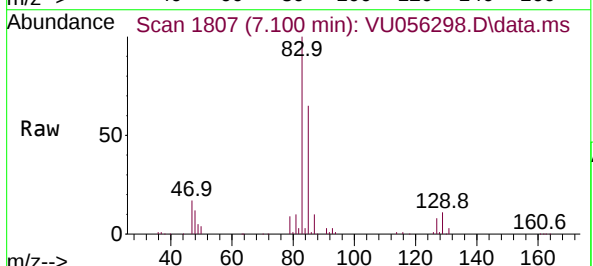
Tgt Ion: 83 Resp: 151160

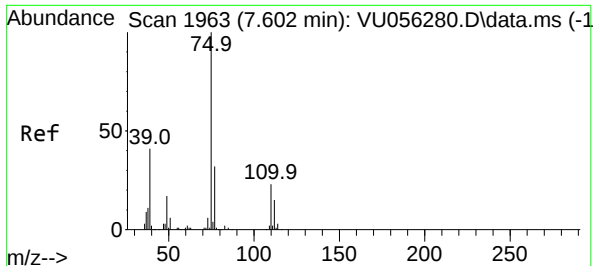
Ion Ratio Lower Upper

83 100

85 64.5 44.9 83.5

127 7.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.554 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

Instrument :

MSVOA_U

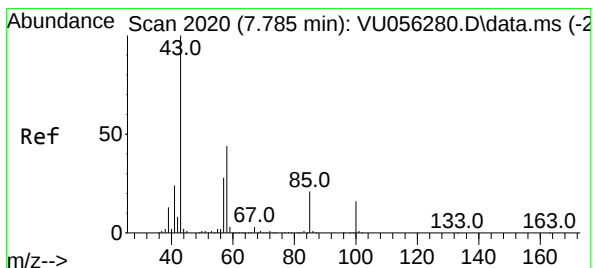
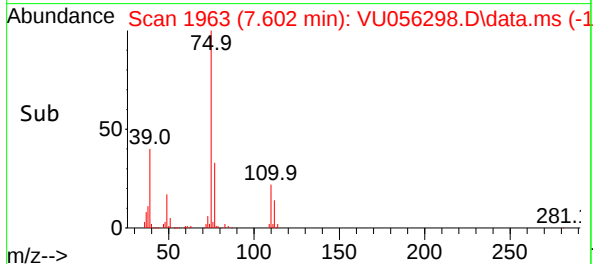
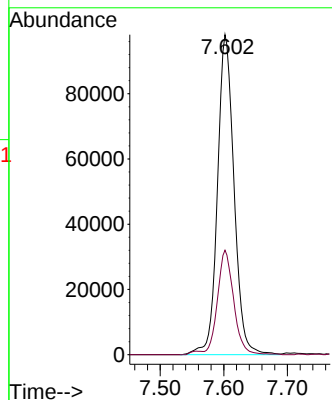
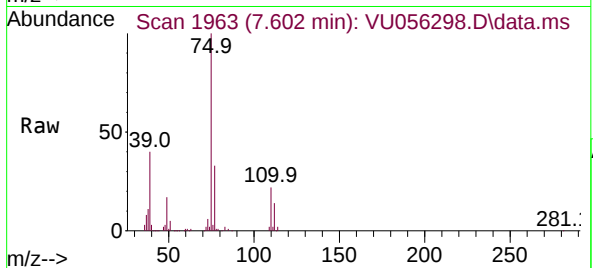
ClientSampleId :

Tgt Ion: 75 Resp: 177586

Ion Ratio Lower Upper

75 100

77 32.7 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 55.511 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

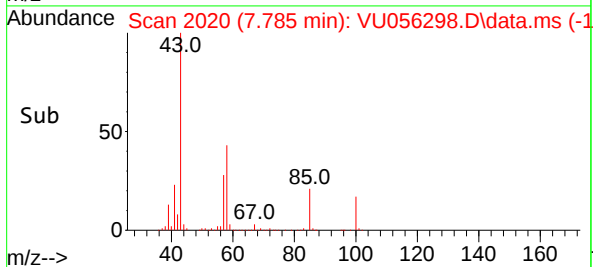
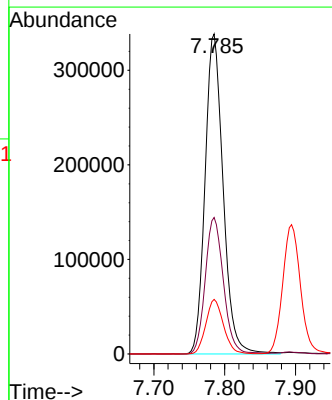
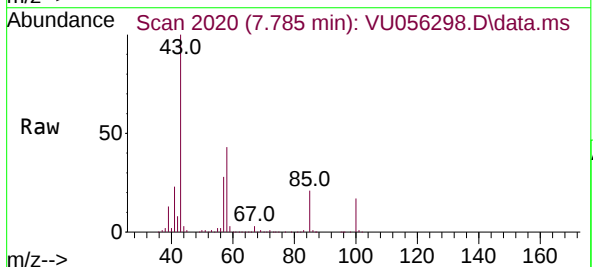
Tgt Ion: 43 Resp: 598816

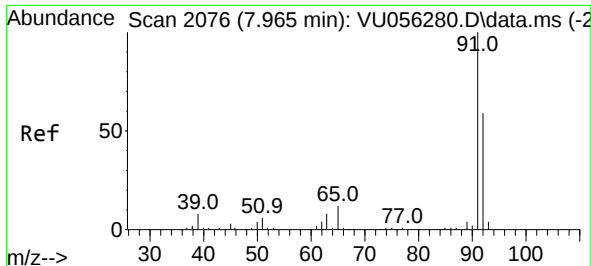
Ion Ratio Lower Upper

43 100

58 43.0 33.8 50.8

100 16.6 13.0 19.4





#42

Toluene

Concen: 5.754 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

Instrument :

MSVOA_U

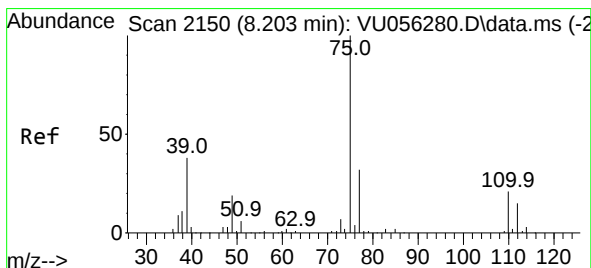
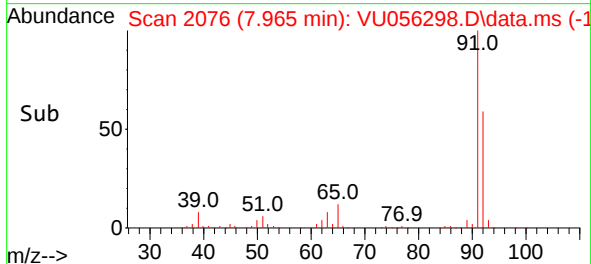
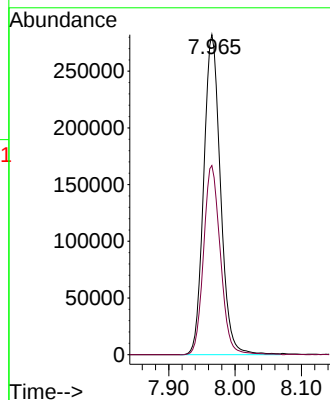
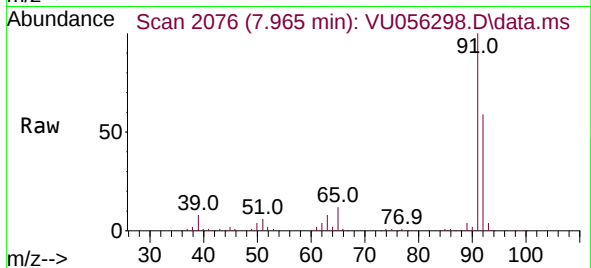
ClientSampleId :

Tgt Ion: 91 Resp: 497094

Ion Ratio Lower Upper

91 100

92 59.1 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.593 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU056298.D

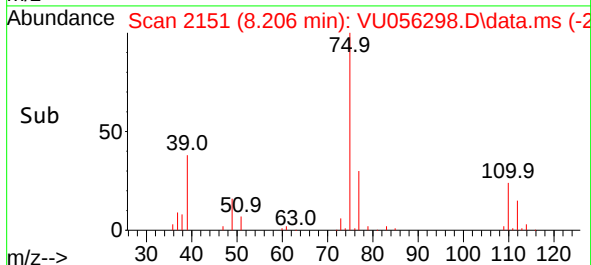
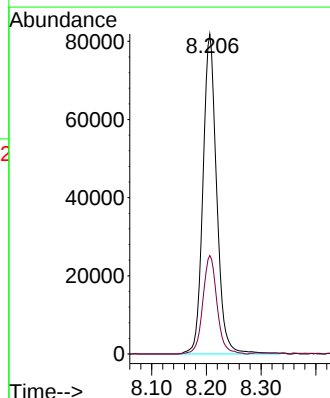
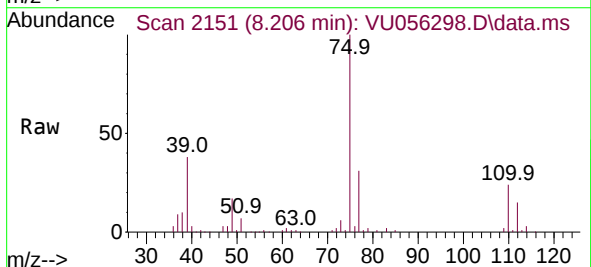
Acq: 14 Nov 2023 11:20

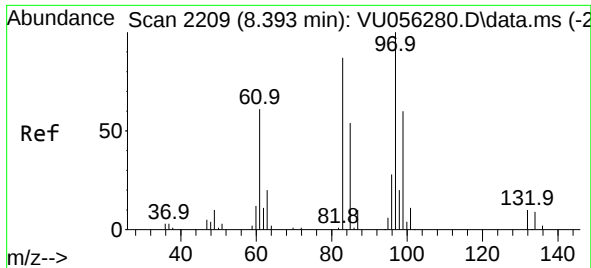
Tgt Ion: 75 Resp: 142570

Ion Ratio Lower Upper

75 100

77 30.8 22.8 42.4

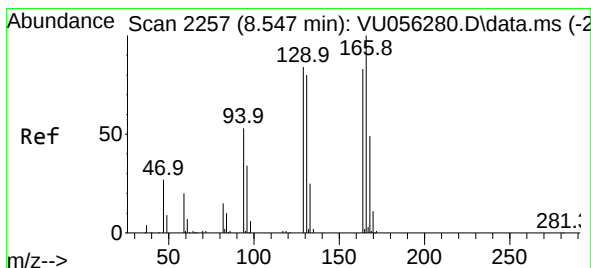
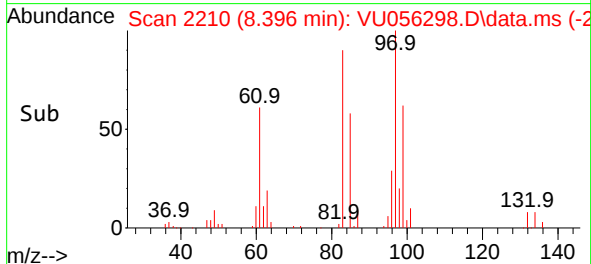
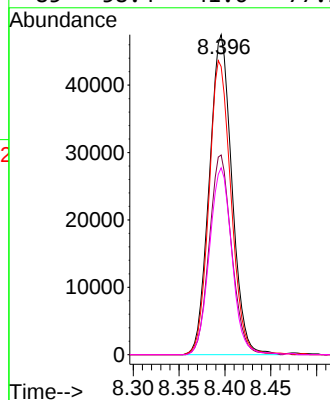
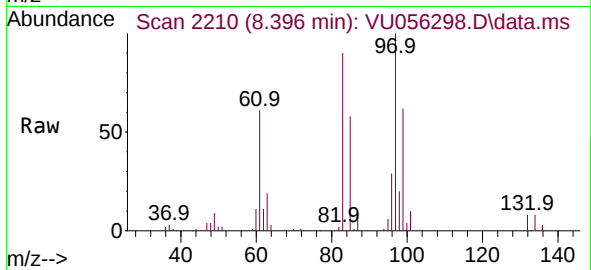




#45
1,1,2-Trichloroethane
Concen: 5.625 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

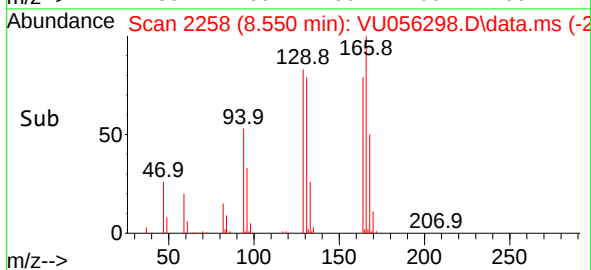
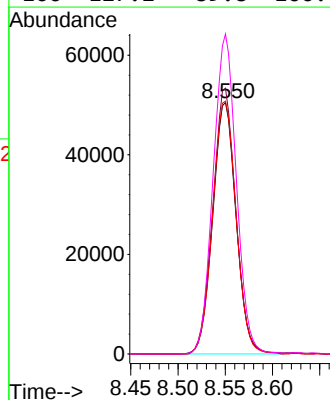
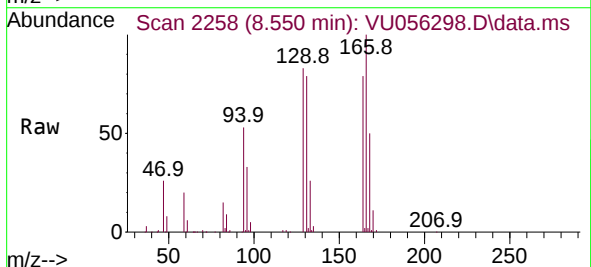
Instrument :
MSVOA_U
ClientSampleId :

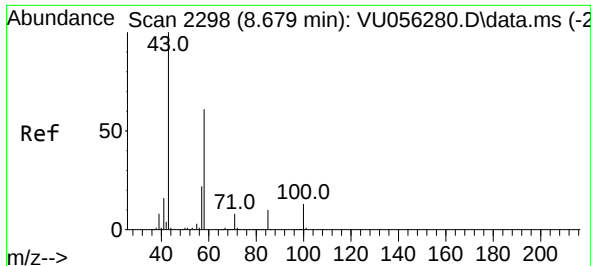
Tgt Ion: 97	Resp: 81521
Ion Ratio	Lower Upper
97 100	
99 62.4	44.3 82.3
83 90.0	65.4 121.4
85 58.4	41.6 77.3



#47
Tetrachloroethene
Concen: 5.662 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

Tgt	Ion:164	Resp:	86814
Ion	Ratio	Lower	Upper
164	100		
129	105.7	71.0	131.9
131	100.5	70.3	130.7
166	127.2	89.8	166.8

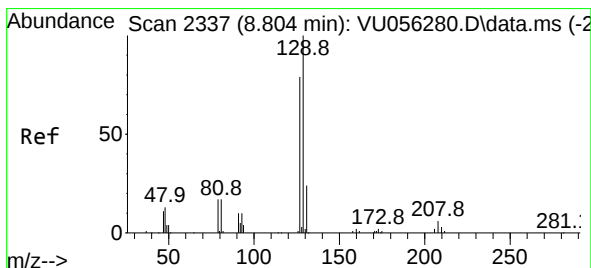
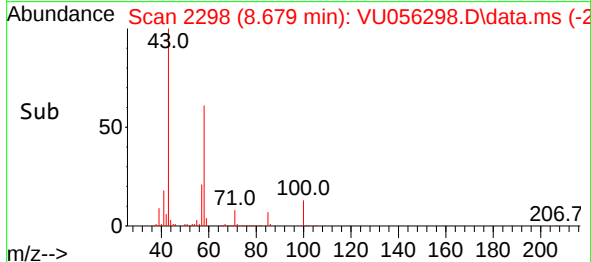
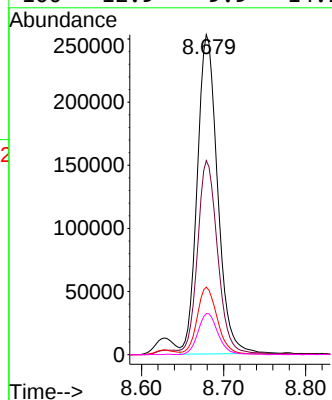
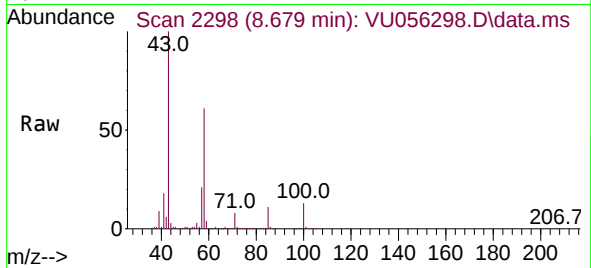




#48
2-Hexanone
Concen: 51.778 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

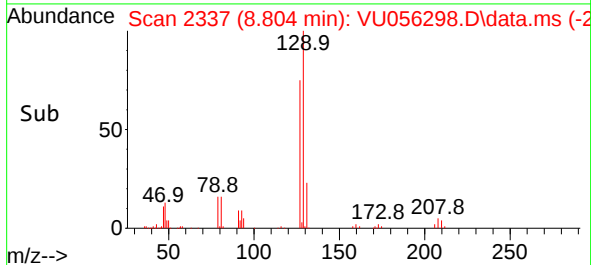
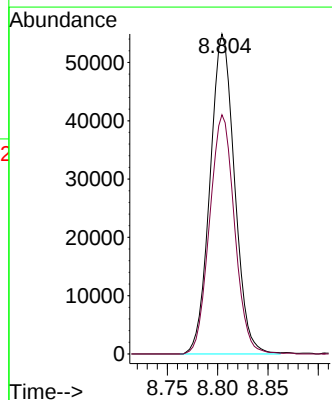
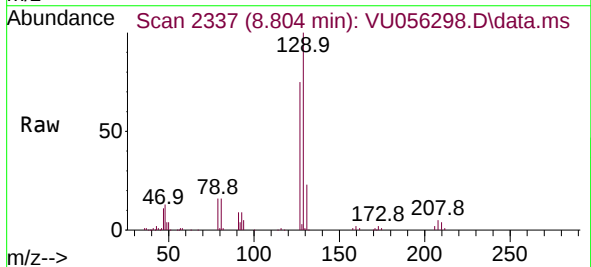
Instrument :
MSVOA_U
ClientSampleId :

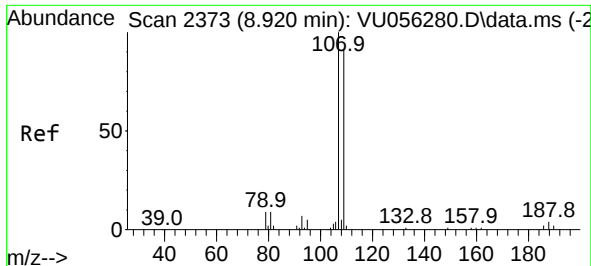
Tgt Ion: 43 Resp: 435130
Ion Ratio Lower Upper
43 100
58 60.5 48.7 73.1
57 21.5 16.8 25.2
100 12.9 9.9 14.9



#49
Dibromochloromethane
Concen: 5.642 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

Tgt Ion: 129 Resp: 92992
Ion Ratio Lower Upper
129 100
127 74.7 52.9 98.3





#50

1,2-Dibromoethane

Concen: 5.609 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.003 min

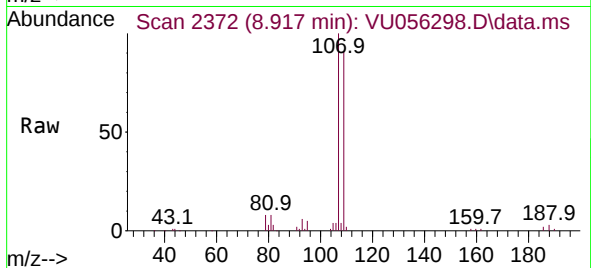
Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

Instrument :

MSVOA_U

ClientSampleId :



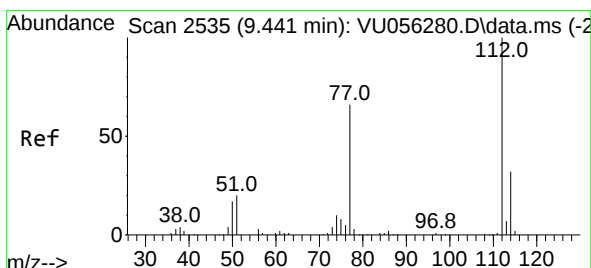
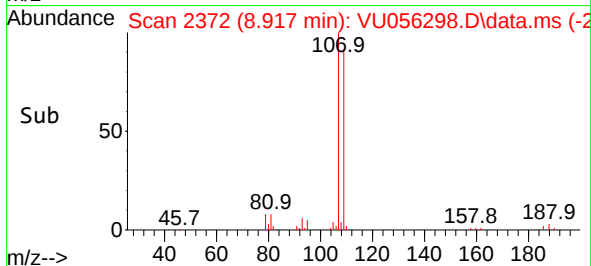
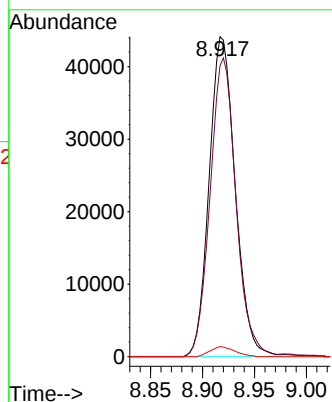
Tgt Ion:107 Resp: 76750

Ion Ratio Lower Upper

107 100

109 91.0 64.2 119.2

188 3.1 2.6 4.0



#51

Chlorobenzene

Concen: 5.515 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

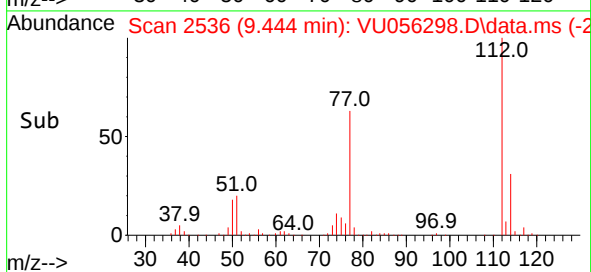
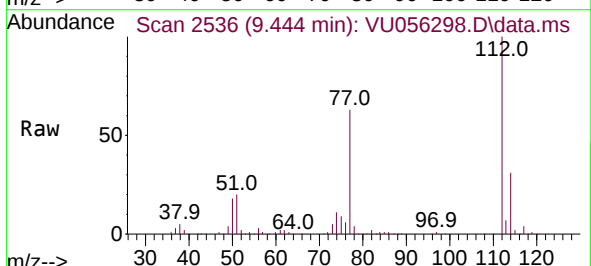
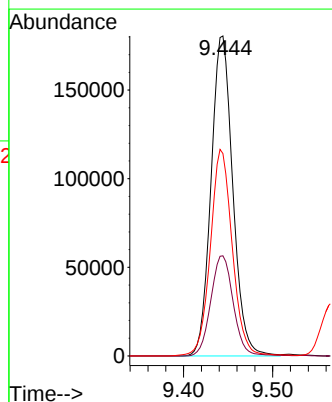
Tgt Ion:112 Resp: 306163

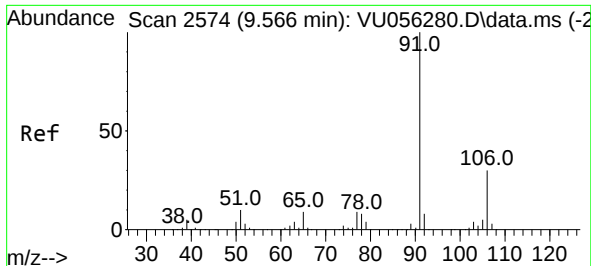
Ion Ratio Lower Upper

112 100

114 31.3 22.5 41.7

77 63.2 51.7 77.5

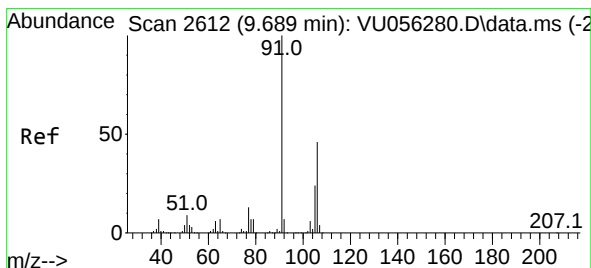
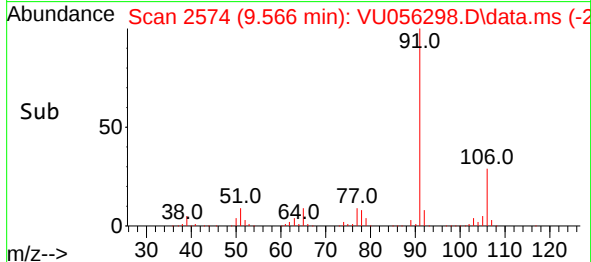
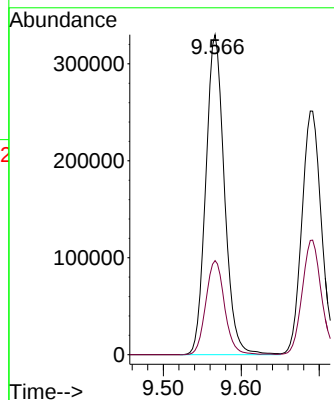
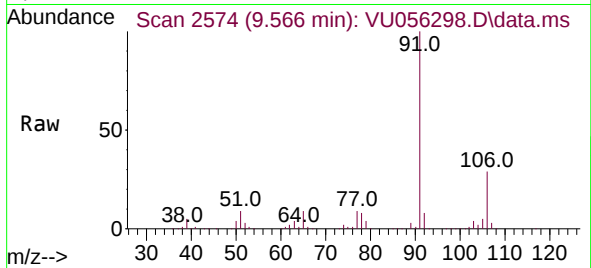




#52
Ethylbenzene
Concen: 5.704 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

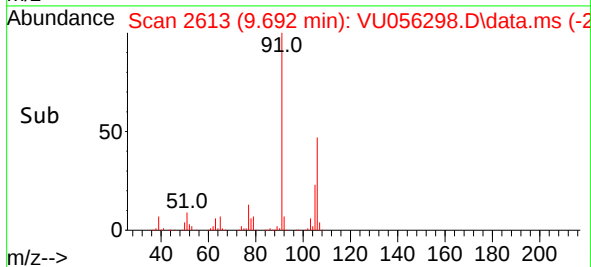
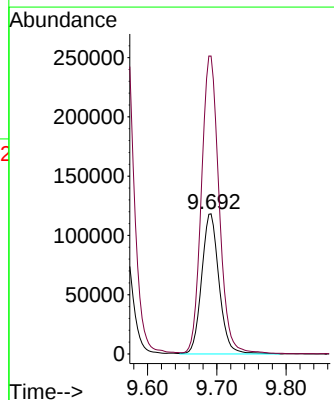
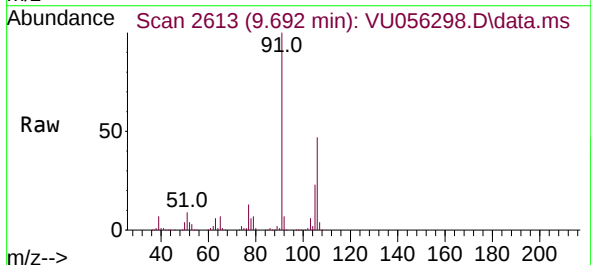
Instrument :
MSVOA_U
ClientSampleId :

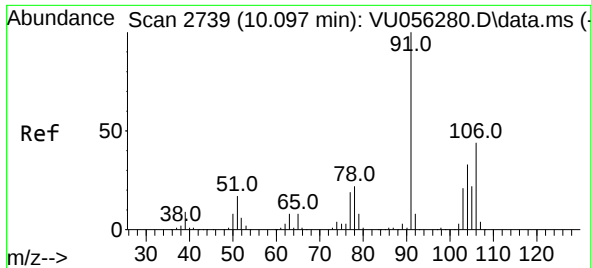
Tgt Ion: 91 Resp: 547209
Ion Ratio Lower Upper
91 100
106 29.4 21.1 39.1



#53
m,p-Xylene
Concen: 5.848 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

Tgt Ion:106 Resp: 206250
Ion Ratio Lower Upper
106 100
91 212.5 149.6 277.8

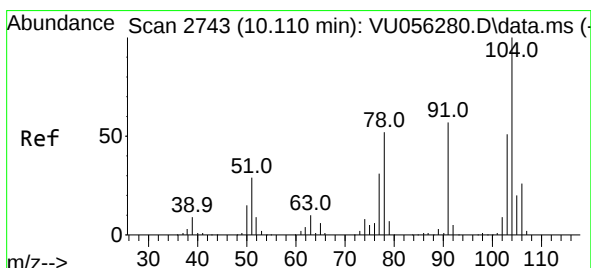
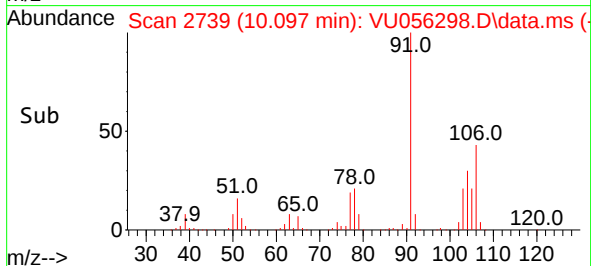
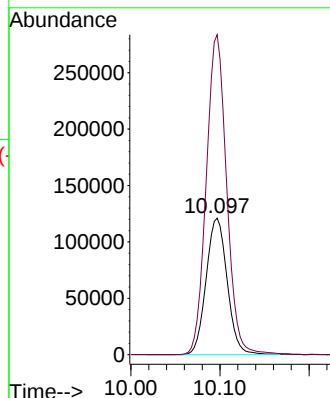
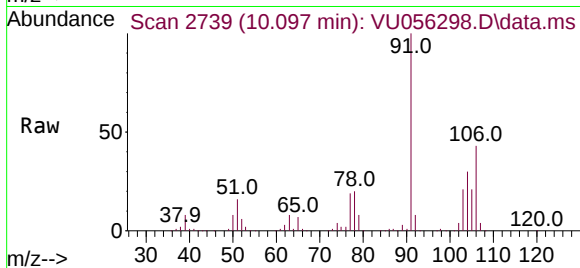




#54
o-Xylene
Concen: 5.813 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

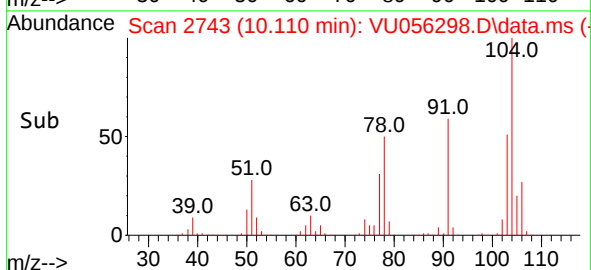
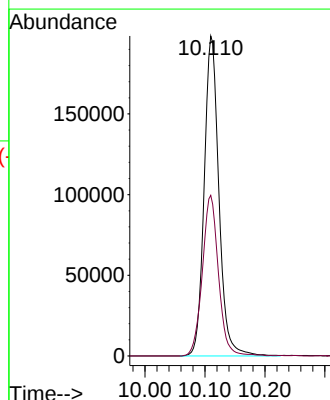
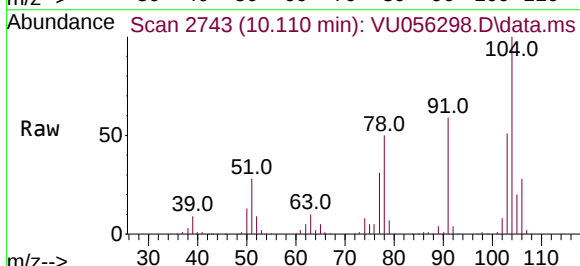
Instrument :
MSVOA_U
ClientSampleId :

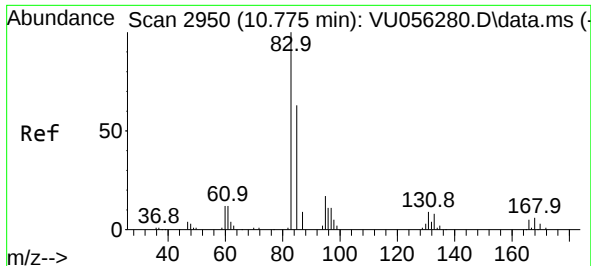
Tgt Ion:106 Resp: 199131
Ion Ratio Lower Upper
106 100
91 234.4 159.3 295.9



#55
Styrene
Concen: 5.957 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

Tgt Ion:104 Resp: 339478
Ion Ratio Lower Upper
104 100
78 50.2 34.2 63.6

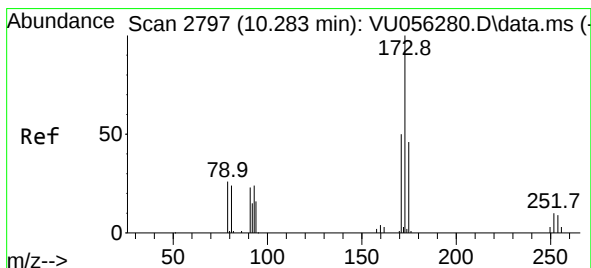
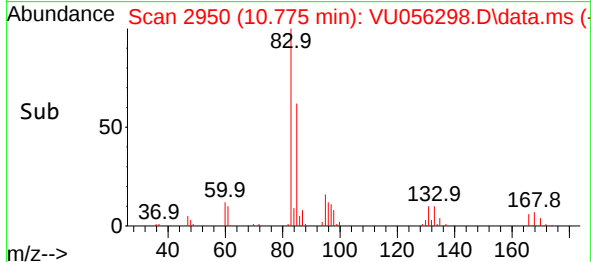
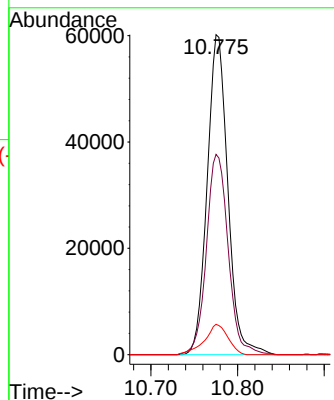
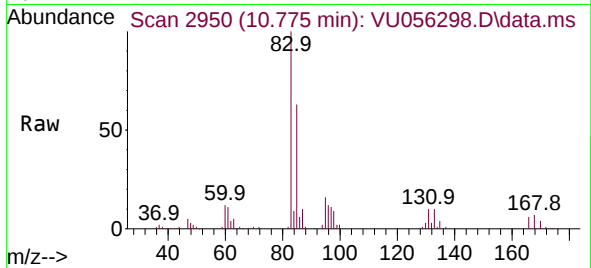




#57
1,1,2-Tetrachloroethane
Concen: 5.637 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

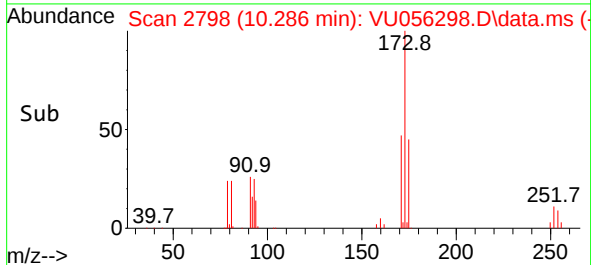
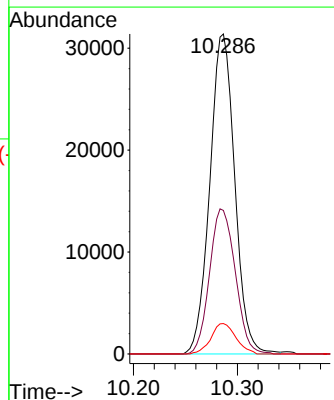
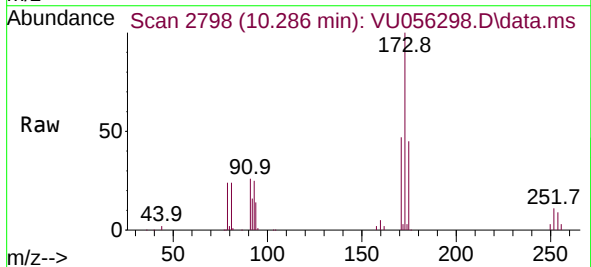
Instrument :
MSVOA_U
ClientSampleId :

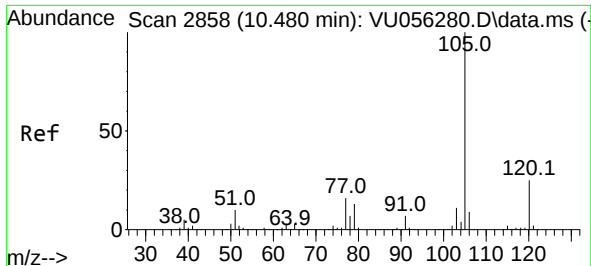
Tgt Ion: 83 Resp: 99758
Ion Ratio Lower Upper
83 100
85 62.6 46.3 86.1
131 9.5 6.7 10.1



#59
Bromoform
Concen: 5.674 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

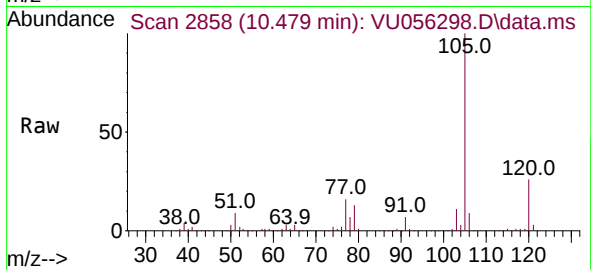
Tgt Ion:173 Resp: 52369
Ion Ratio Lower Upper
173 100
175 46.7 38.9 58.3
254 9.5 6.7 10.1



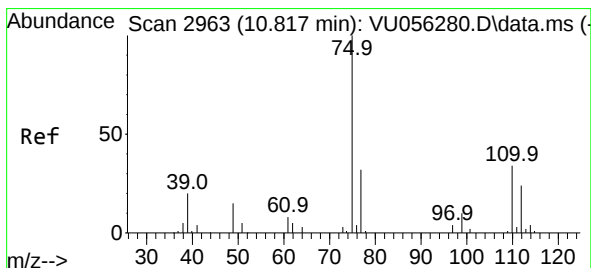
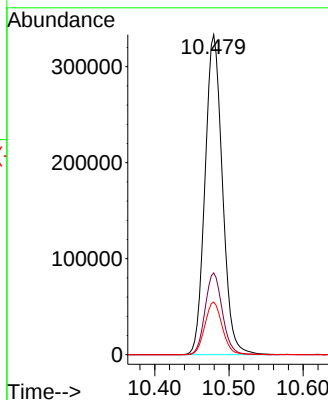
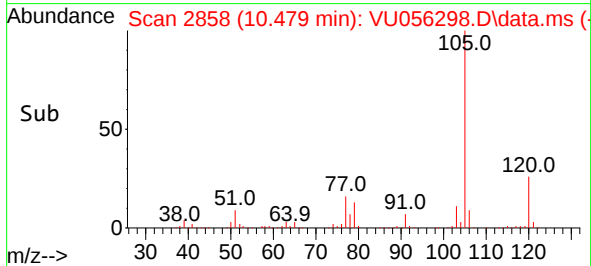


#60
Isopropylbenzene
Concen: 5.671 ug/L
RT: 10.479 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :

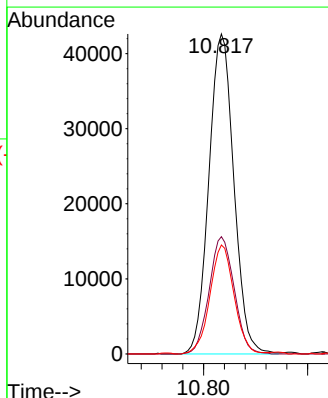
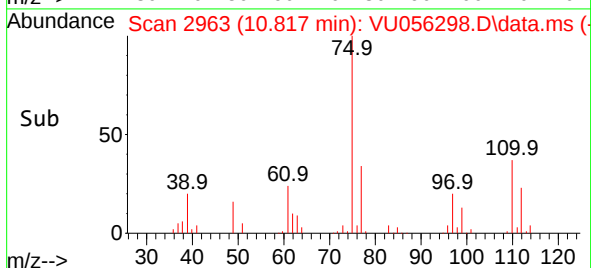
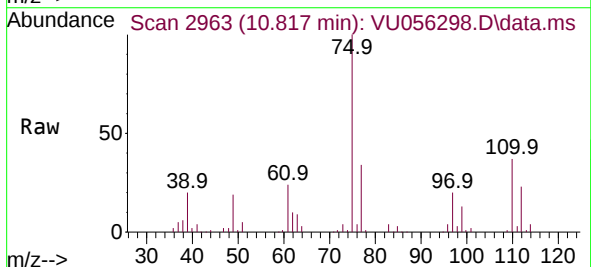


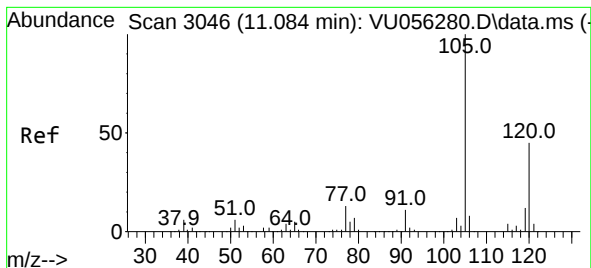
Tgt Ion:105 Resp: 541953
Ion Ratio Lower Upper
105 100
120 25.3 20.4 30.6
77 16.5 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 5.589 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

Tgt Ion: 75 Resp: 71057
Ion Ratio Lower Upper
75 100
110 36.7 30.4 45.6
77 33.0 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 5.825 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

Instrument :

MSVOA_U

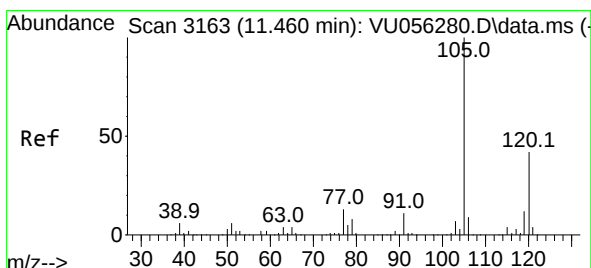
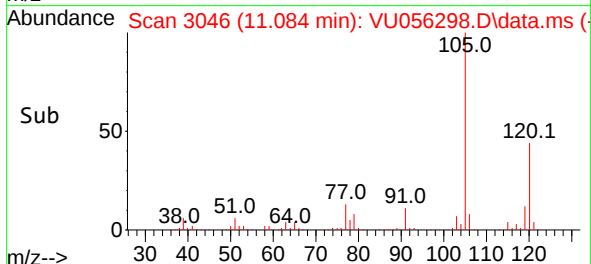
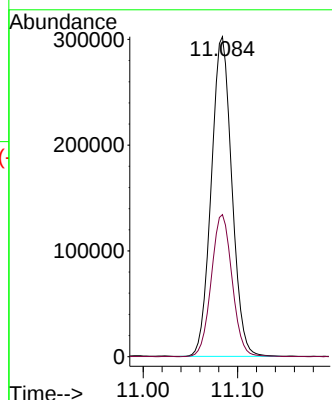
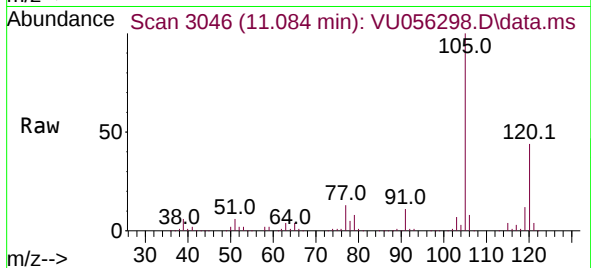
ClientSampleId :

Tgt Ion:105 Resp: 457035

Ion Ratio Lower Upper

105 100

120 45.1 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.864 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU056298.D

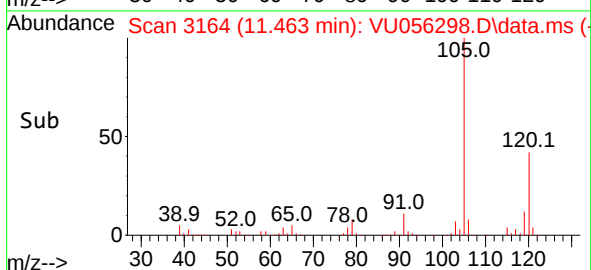
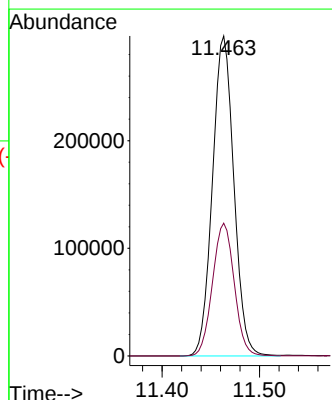
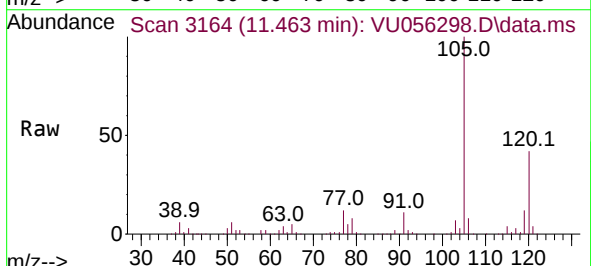
Acq: 14 Nov 2023 11:20

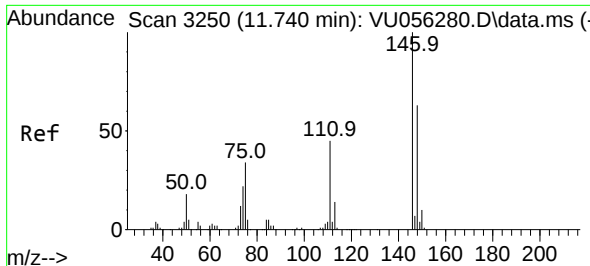
Tgt Ion:105 Resp: 454139

Ion Ratio Lower Upper

105 100

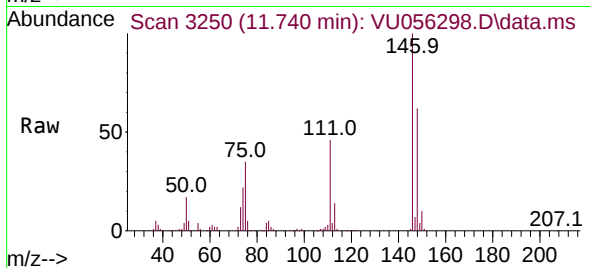
120 42.1 34.0 51.0



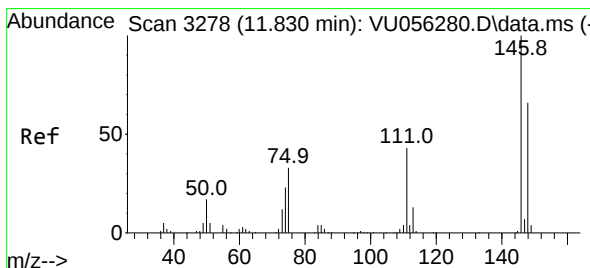
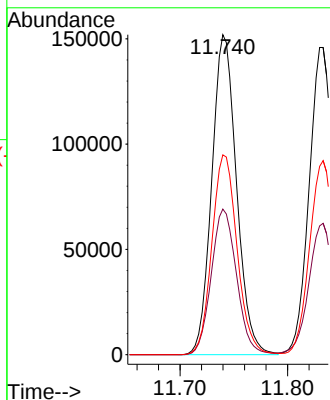
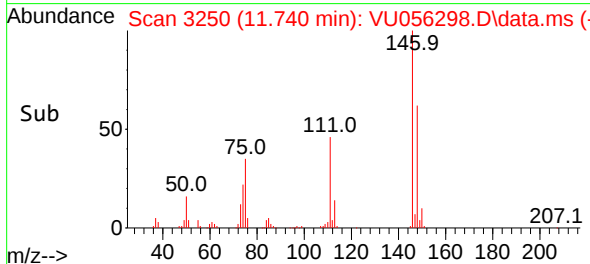


#64
1,3-Dichlorobenzene
Concen: 5.591 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

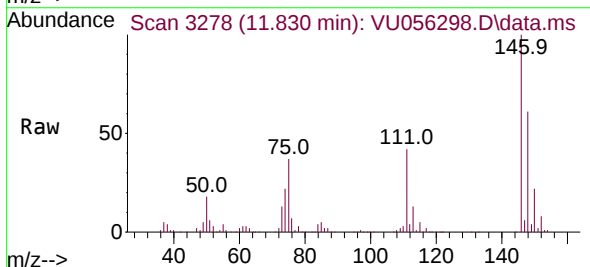
Instrument :
MSVOA_U
ClientSampleId :



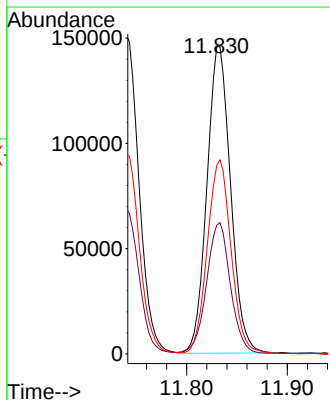
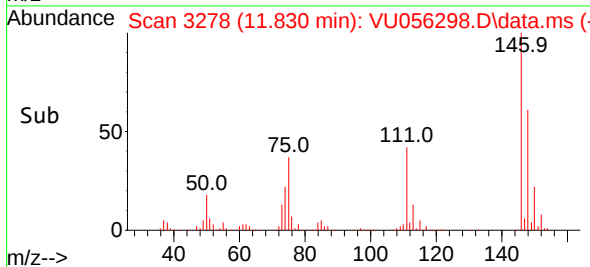
Tgt Ion:146 Resp: 243045
Ion Ratio Lower Upper
146 100
111 45.5 31.1 57.7
148 62.4 45.1 83.9

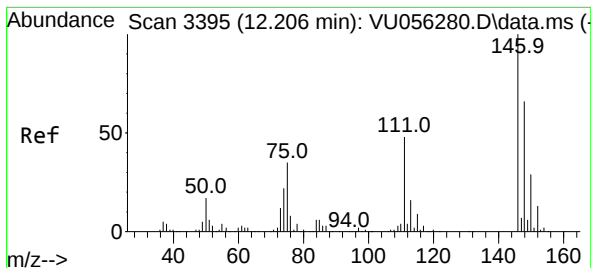


#65
1,4-Dichlorobenzene
Concen: 5.468 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20



Tgt Ion:146 Resp: 238425
Ion Ratio Lower Upper
146 100
111 41.9 30.5 56.7
148 61.3 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.610 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

Instrument :

MSVOA_U

ClientSampleId :

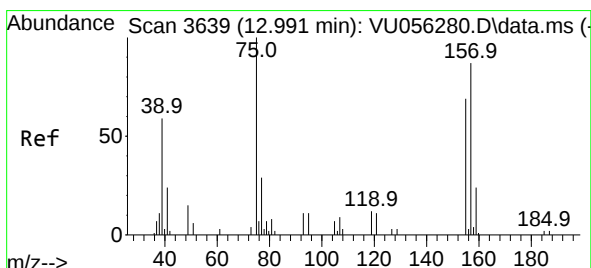
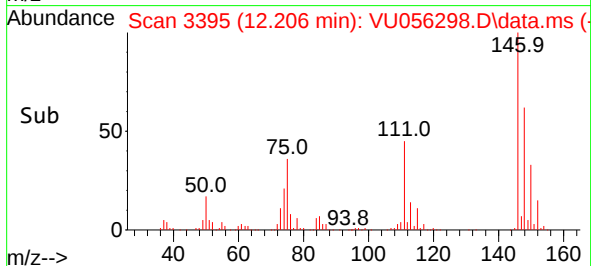
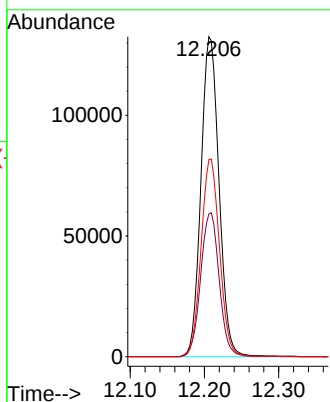
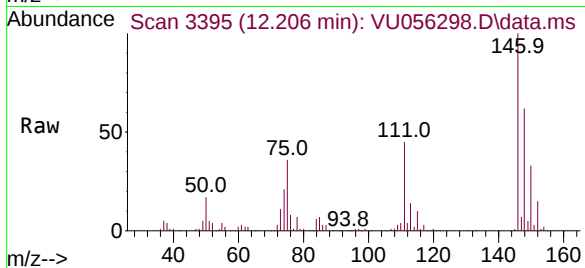
Tgt Ion:146 Resp: 223750

Ion Ratio Lower Upper

146 100

111 44.6 38.3 57.5

148 61.6 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.102 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU056298.D

Acq: 14 Nov 2023 11:20

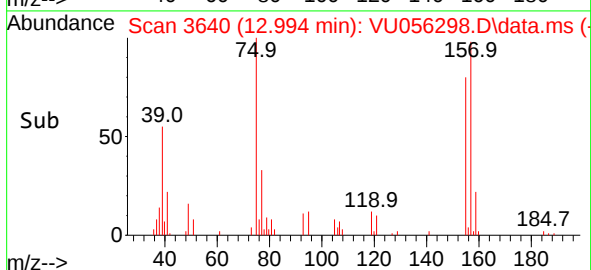
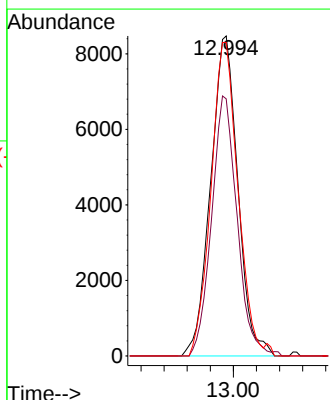
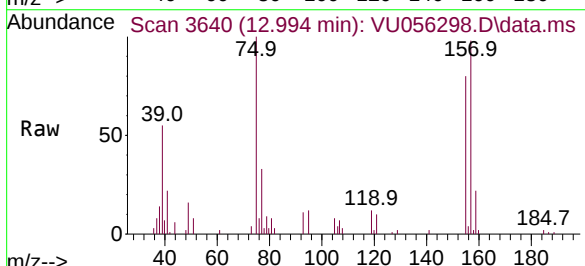
Tgt Ion: 75 Resp: 13856

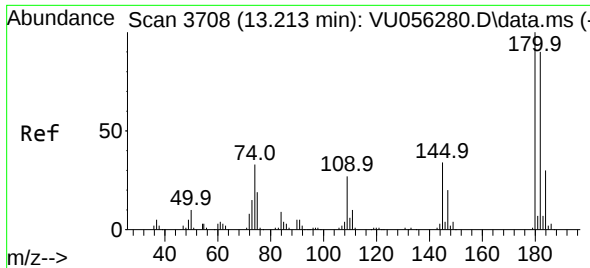
Ion Ratio Lower Upper

75 100

155 80.3 62.4 93.6

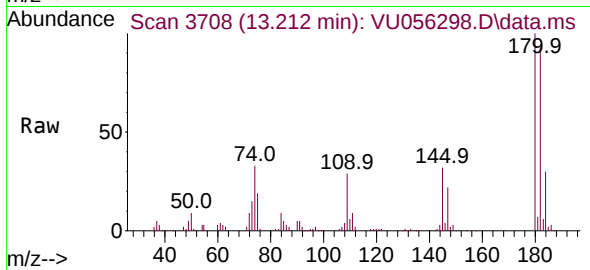
157 98.0 80.2 120.2



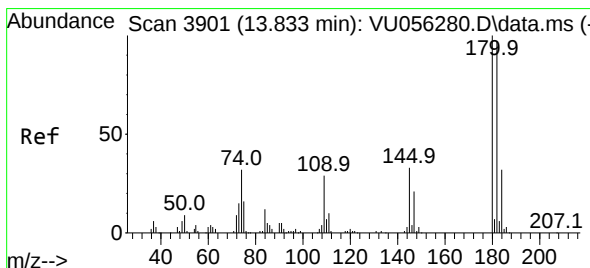
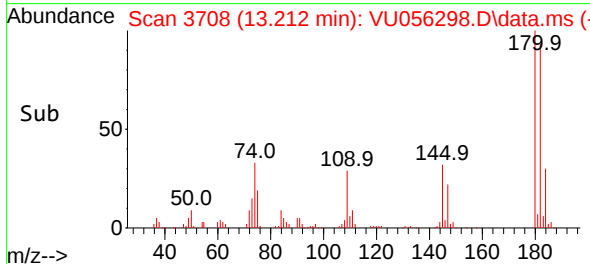
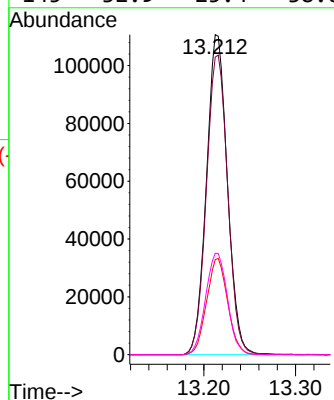


#69
 1,3,5-Trichlorobenzene
 Concen: 5.372 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU056298.D
 Acq: 14 Nov 2023 11:20

Instrument :
 MSVOA_U
 ClientSampleId :

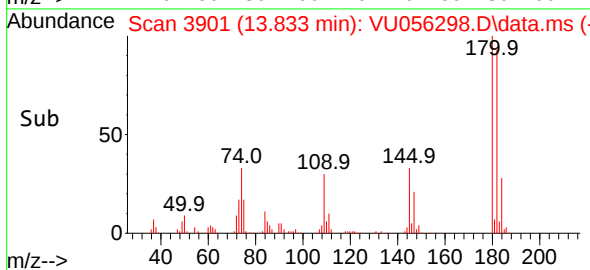
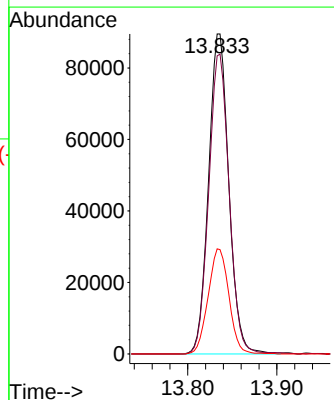
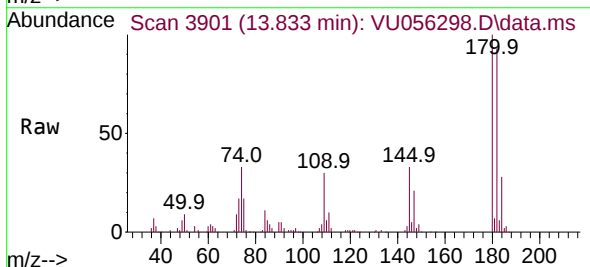


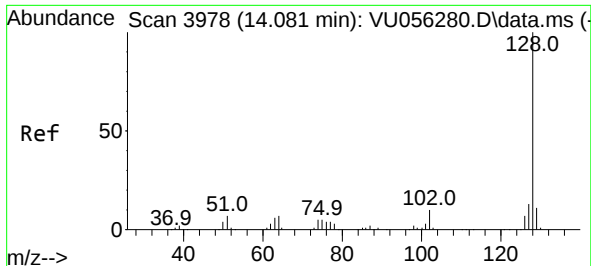
Tgt Ion:180 Resp: 175819
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.1 112.7
 184 30.3 23.5 35.3
 145 32.9 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.301 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU056298.D
 Acq: 14 Nov 2023 11:20

Tgt Ion:180 Resp: 141296
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.4 113.2
 145 33.7 26.8 40.2

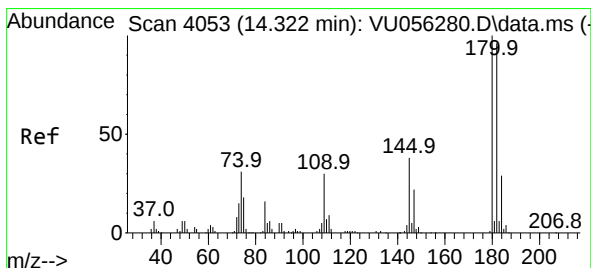
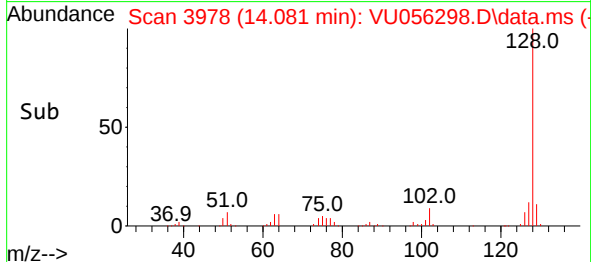
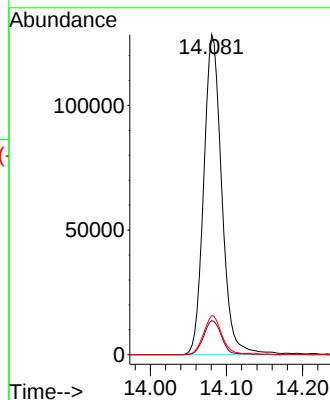
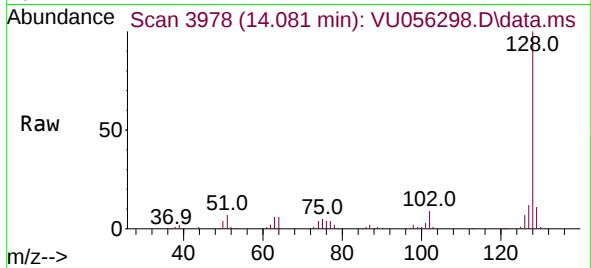




#71
Naphthalene
Concen: 5.245 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 211263
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.2 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.375 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU056298.D
Acq: 14 Nov 2023 11:20

Tgt Ion:180 Resp: 118019
Ion Ratio Lower Upper
180 100
182 94.9 78.6 117.8
145 36.1 29.0 43.6

